

Data Path : Z:\HPCHEM1\BNA_F\Data\BF042015\
 Data File : BF078646.D
 Acq On : 20 Apr 2015 15:32
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 21 00:59:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 16:32:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	39677	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	166879	20.00	ng	0.00
38) Acenaphthene-d10	11.21	164	80519	20.00	ng	0.00
63) Phenanthrene-d10	13.94	188	160655	20.00	ng	0.00
75) Chrysene-d12	17.81	240	165127	20.00	ng	0.00
86) Perylene-d12	19.53	264	163228	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	3.87	112	206143	85.66	ng	0.00
7) Phenol-d6	5.36	99	254116	84.26	ng	0.00
23) Nitrobenzene-d5	6.80	82	229608	83.40	ng	0.00
41) 2,4,6-Tribromophenol	12.69	330	61854	92.62	ng	0.00
44) 2-Fluorobiphenyl	10.03	172	469636	83.37	ng	0.00
78) Terphenyl-d14	16.47	244	594058	81.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.43	88	41799	38.41	ng	94
3) Pyridine	1.91	79	140293	49.22	ng	92
4) n-Nitrosodimethylamine	1.87	42	53649	48.90	ng	89
6) Aniline	5.35	93	183195	42.83	ng	# 88
8) 2-Chlorophenol	5.52	128	115589	40.62	ng	97
9) Benzaldehyde	5.16	77	61099	30.57	ng	97
10) Phenol	5.38	94	151145	41.83	ng	97
11) bis(2-Chloroethyl)ether	5.48	93	105051	40.43	ng	95
12) 1,3-Dichlorobenzene	5.76	146	129177	41.33	ng	# 93
13) 1,4-Dichlorobenzene	5.88	146	128941	40.98	ng	98
14) 1,2-Dichlorobenzene	6.12	146	121581	41.21	ng	95
15) Benzyl Alcohol	6.14	79	98187	46.33	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.38	45	140624	40.57	ng	86
17) 2-Methylphenol	6.36	107	92666	41.94	ng	95
18) Hexachloroethane	6.67	117	44817	42.24	ng	91
19) n-Nitroso-di-n-propylamine	6.59	70	84628	42.53	ng	90
20) 3+4-Methylphenols	6.64	107	122319	41.50	ng	92
22) Acetophenone	6.56	105	161121	41.44	ng	# 91
24) Nitrobenzene	6.83	77	122000	42.39	ng	87
25) Isophorone	7.27	82	225469	43.15	ng	98
26) 2-Nitrophenol	7.38	139	59659	43.50	ng	91
27) 2,4-Dimethylphenol	7.54	122	103234	40.48	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	134628	40.18	ng	99
29) 2,4-Dichlorophenol	7.83	162	98140	42.30	ng	95
30) 1,2,4-Trichlorobenzene	7.94	180	103598	38.94	ng	98
31) Naphthalene	8.06	128	346622	39.91	ng	99
32) Benzoic acid	7.79	122	33978	30.70	ng	96
33) 4-Chloroaniline	8.22	127	150853	41.85	ng	99
34) Hexachlorobutadiene	8.31	225	60683	41.54	ng	97
35) Caprolactam	8.87	113	31002	44.76	ng	98
36) 4-Chloro-3-methylphenol	9.18	107	102363	43.72	ng	92
37) 2-Methylnaphthalene	9.32	142	235692	39.97	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.63	216	103716	41.57	ng	99
40) Hexachlorocyclopentadiene	9.61	237	35927	37.42	ng	97

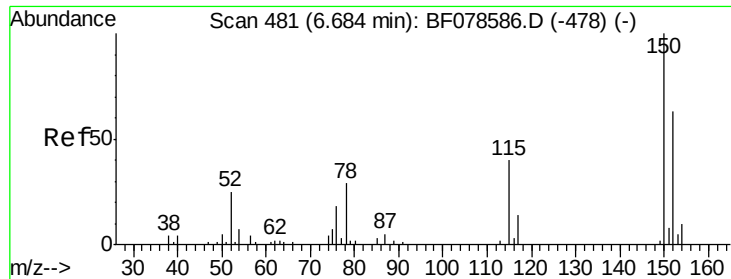
Data Path : Z:\HPCHEM1\BNA_F\Data\BF042015\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	70522	44.82	ng	99
43) 2,4,5-Trichlorophenol	9.95	196	69974	42.57	ng #	90
45) 1,1'-Biphenyl	10.20	154	271384	41.21	ng	98
46) 2-Chloronaphthalene	10.20	162	210989	40.72	ng	98
47) 2-Nitroaniline	10.44	65	63759	49.73	ng #	79
48) Acenaphthylene	10.95	152	358996	42.90	ng	99
49) Dimethylphthalate	10.84	163	261120	43.17	ng	98
50) 2,6-Dinitrotoluene	10.94	165	56232	45.18	ng #	52
51) Acenaphthene	11.27	154	200910	42.64	ng	99
52) 3-Nitroaniline	11.22	138	65623	46.37	ng	91
53) 2,4-Dinitrophenol	11.44	184	16285	44.51	ng	96
54) Dibenzofuran	11.60	168	310439	43.14	ng	98
55) 4-Nitrophenol	11.64	139	32680	33.04	ng #	79
56) 2,4-Dinitrotoluene	11.67	165	78021	48.40	ng #	76
57) Fluorene	12.23	166	259285	44.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.86	232	48915	40.14	ng #	98
59) Diethylphthalate	12.17	149	256790	44.03	ng	100
60) 4-Chlorophenyl-phenylether	12.30	204	116552	43.44	ng #	90
61) 4-Nitroaniline	12.34	138	64454	45.05	ng	94
62) Azobenzene	12.58	77	233366	43.84	ng	91
64) 4,6-Dinitro-2-methylphenol	12.42	198	35422	45.06	ng #	66
65) n-Nitrosodiphenylamine	12.52	169	228617	41.14	ng	97
66) 4-Bromophenyl-phenylether	13.19	248	71398	41.96	ng	93
67) Hexachlorobenzene	13.23	284	75143	40.30	ng	99
68) Atrazine	13.60	200	67786	42.11	ng	96
69) Pentachlorophenol	13.65	266	23847	33.81	ng	100
70) Phenanthrene	13.99	178	374637	40.31	ng	99
71) Anthracene	14.08	178	380406	41.54	ng	100
72) Carbazole	14.41	167	359433	41.88	ng	99
73) Di-n-butylphthalate	15.09	149	431422	44.38	ng	99
74) Fluoranthene	15.87	202	418702	42.72	ng	92
76) Benzidine	16.13	184	227272	35.74	ng	99
77) Pyrene	16.18	202	427421	41.23	ng	99
79) Butylbenzylphthalate	17.17	149	194337	49.19	ng	87
80) Benzo(a)anthracene	17.79	228	399119	40.62	ng	98
81) 3,3'-Dichlorobenzidine	17.79	252	134081	40.75	ng #	97
82) Chrysene	17.84	228	384317	41.63	ng	100
83) Bis(2-ethylhexyl)phthalate	17.93	149	279728	45.14	ng	98
84) Di-n-octyl phthalate	18.72	149	478137	46.99	ng #	100
85) Indeno(1,2,3-cd)pyrene	20.72	276	450621	43.02	ng #	88
87) Benzo(b)fluoranthene	19.10	252	404937	40.14	ng	99
88) Benzo(k)fluoranthene	19.10	252	405026	45.18	ng #	94
89) Benzo(a)pyrene	19.46	252	364989	41.46	ng #	96
90) Dibenzo(a,h)anthracene	20.74	278	360932	40.95	ng	98
91) Benzo(g,h,i)perylene	21.04	276	362969	41.07	ng	99

(#) = 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

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

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SSTDCCC040

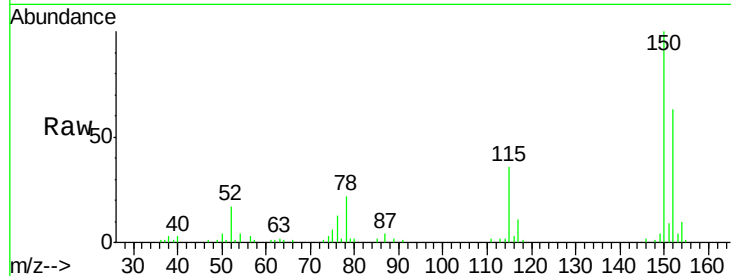
Tgt Ion:152 Resp: 39677

Ion Ratio Lower Upper

152 100

150 158.9 125.9 188.9

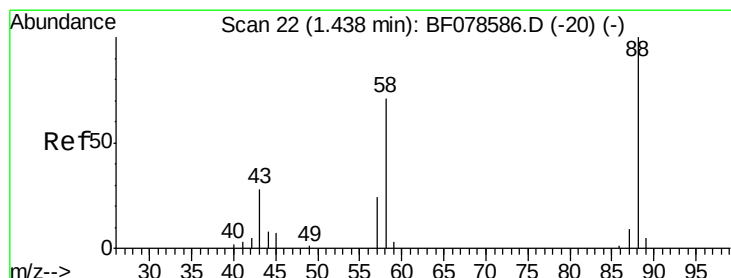
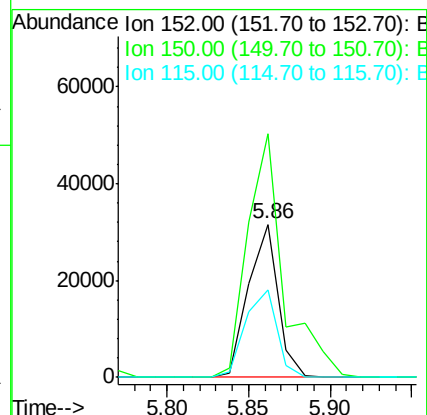
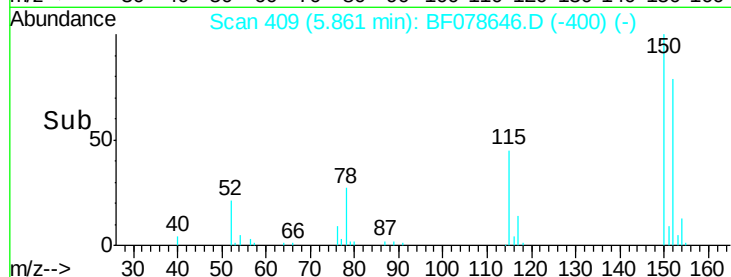
115 57.2 52.7 79.1



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: 38.41 ng

RT: 1.43 min Scan# 21

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

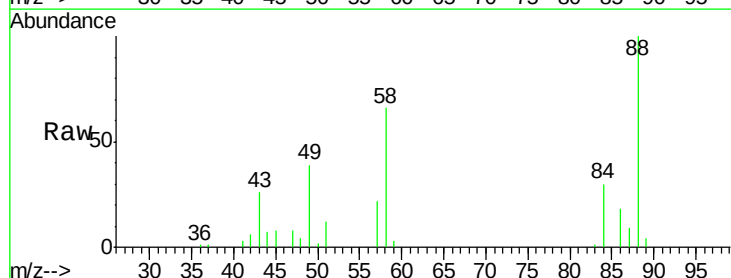
Tgt Ion: 88 Resp: 41799

Ion Ratio Lower Upper

88 100

58 74.6 56.9 85.3

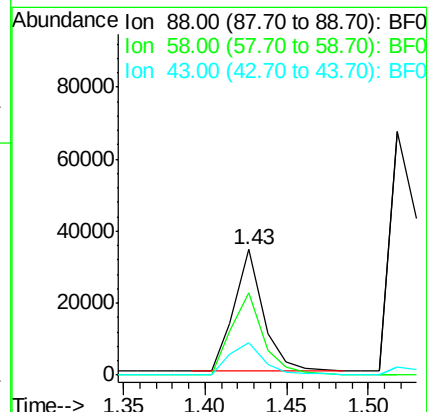
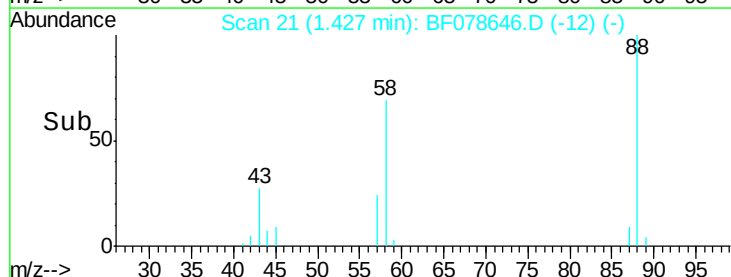
43 31.9 21.4 32.2

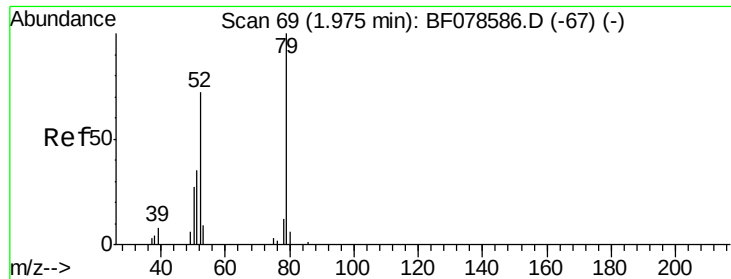


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 49.22 ng

RT: 1.91 min Scan# 63

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

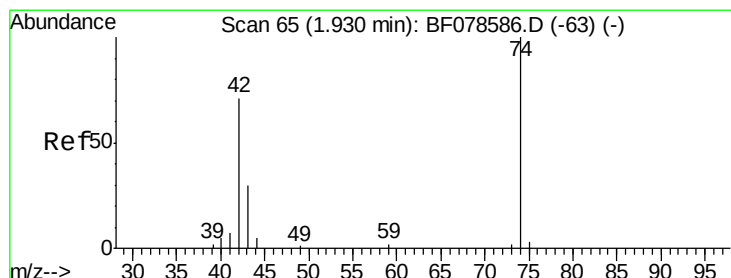
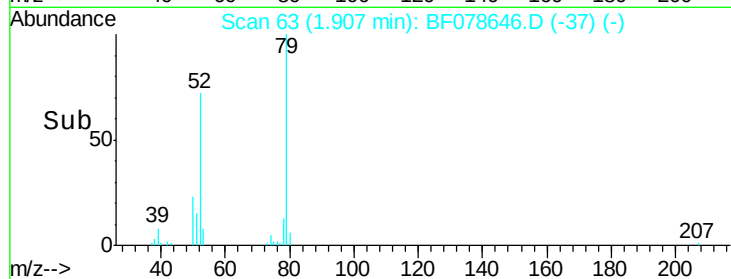
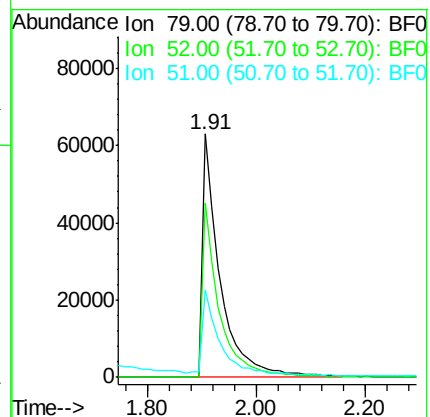
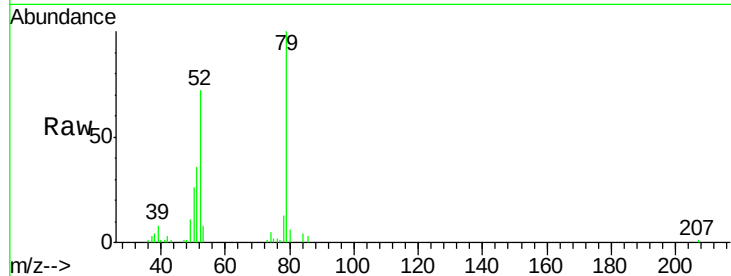
Tgt Ion: 79 Resp: 140293

Ion Ratio Lower Upper

79 100

52 71.5 52.4 78.6

51 36.1 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 48.90 ng

RT: 1.87 min Scan# 60

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

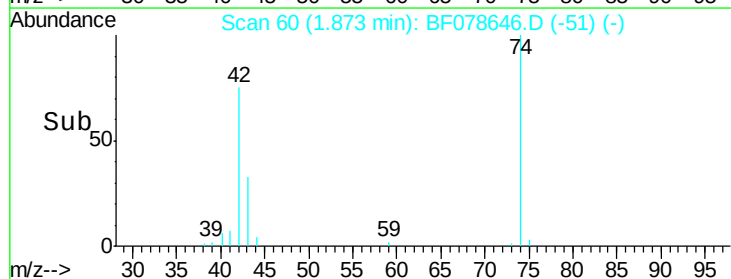
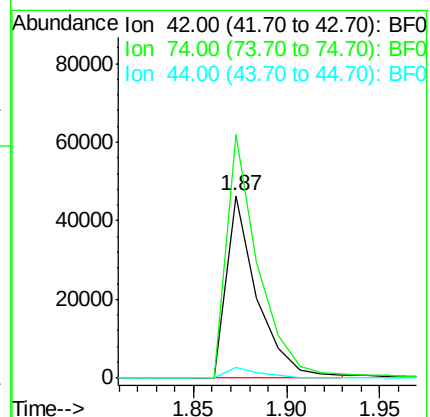
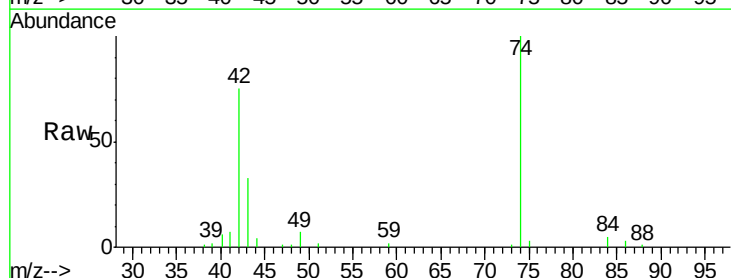
Tgt Ion: 42 Resp: 53649

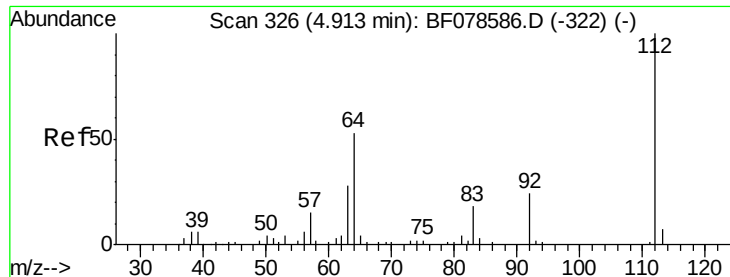
Ion Ratio Lower Upper

42 100

74 133.5 118.7 178.1

44 5.9 5.9 8.9





#5

2-Fluorophenol

Concen: 85.66 ng

RT: 3.87 min Scan# 235

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

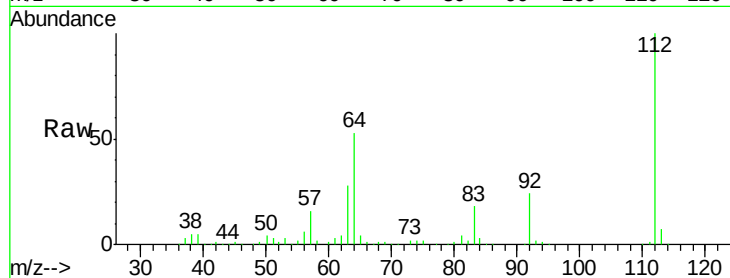
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

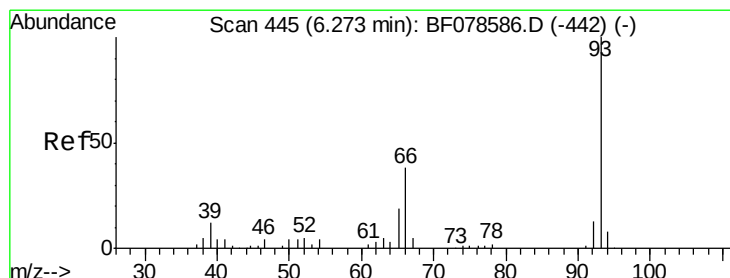
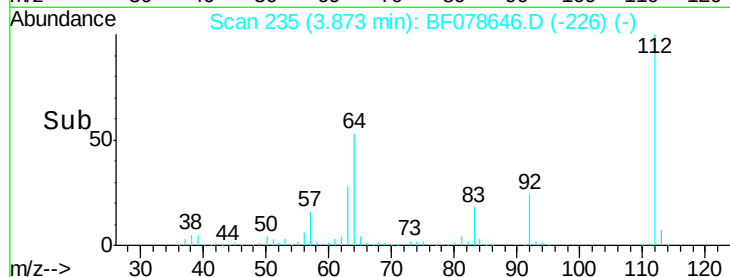
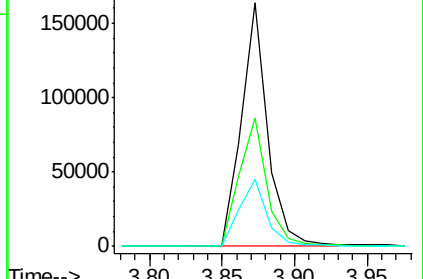
Tgt Ion:	112	Resp:	206143
Ion	Ratio	Lower	Upper
112	100		
64	52.6	39.9	59.9
63	27.7	20.2	30.4



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: 42.83 ng

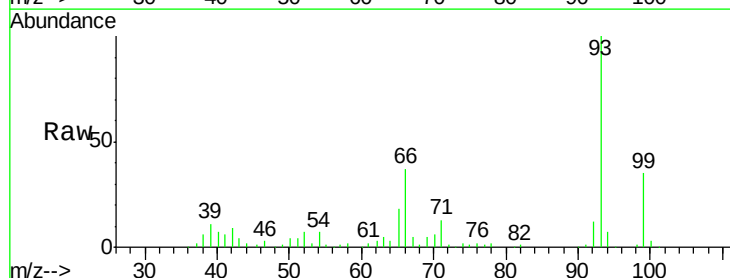
RT: 5.35 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

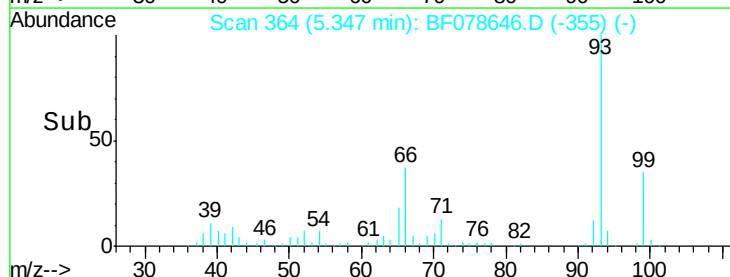
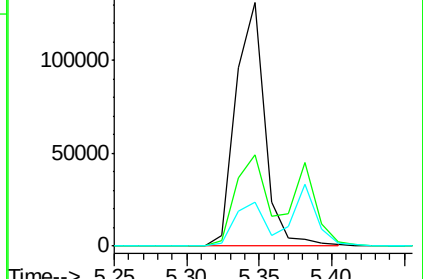
Tgt Ion:	93	Resp:	183195
Ion	Ratio	Lower	Upper
93	100		
66	37.4	38.0	57.0#
65	18.1	16.3	24.5

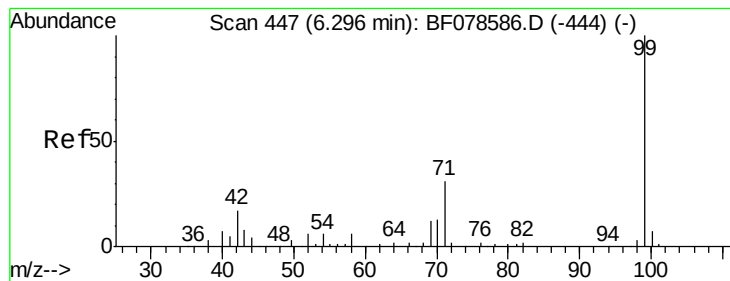


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.26 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

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ClientSampleId :

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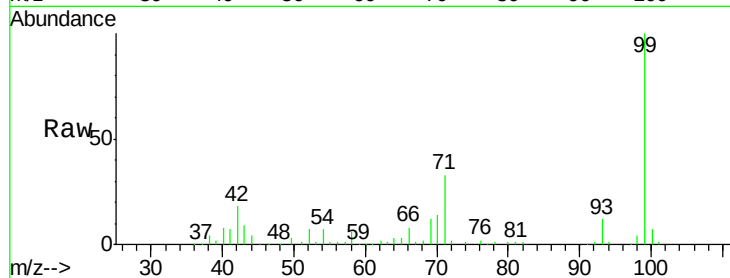
Tgt Ion: 99 Resp: 254116

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

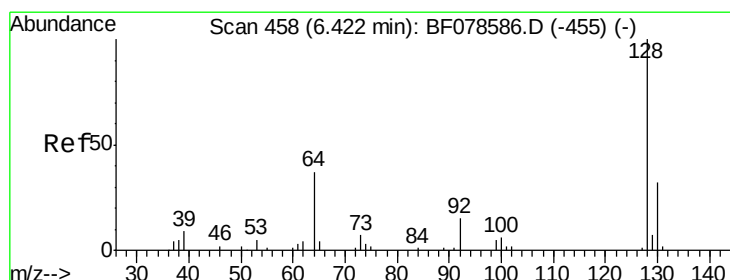
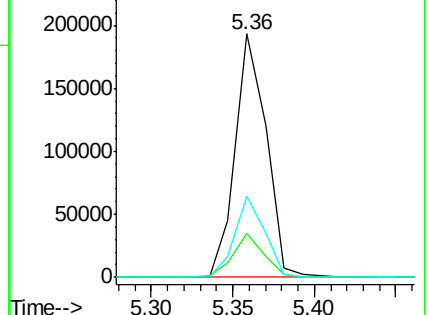
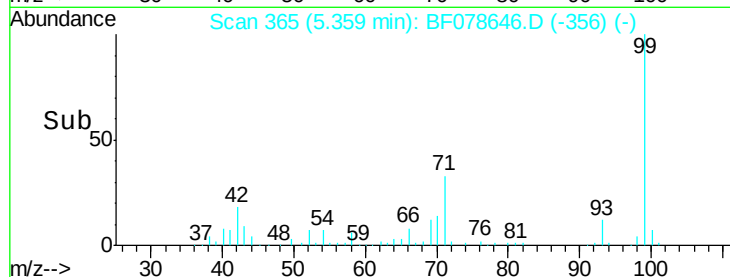
71 33.1 26.6 39.8



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: 40.62 ng

RT: 5.52 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

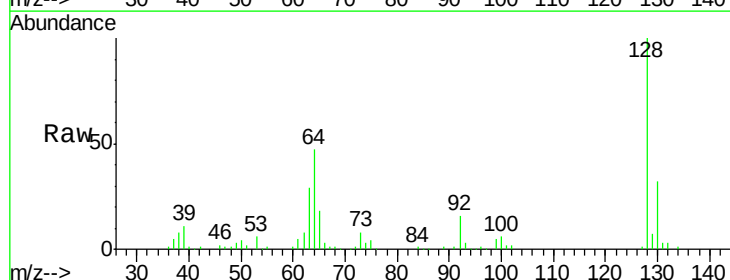
Tgt Ion: 128 Resp: 115589

Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

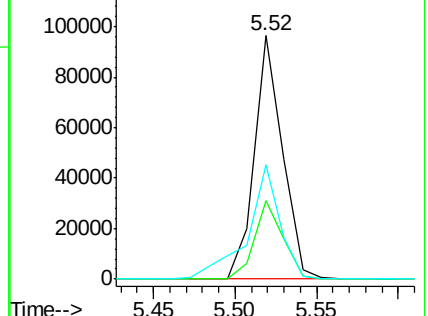
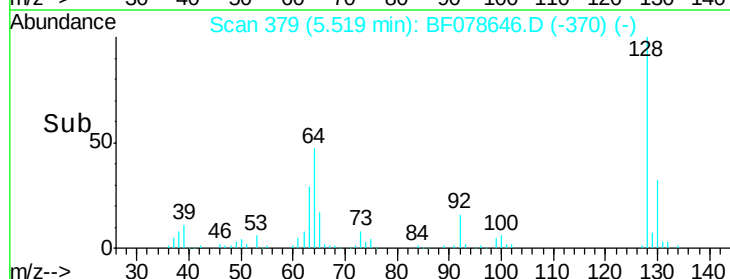
64 46.7 23.8 63.8

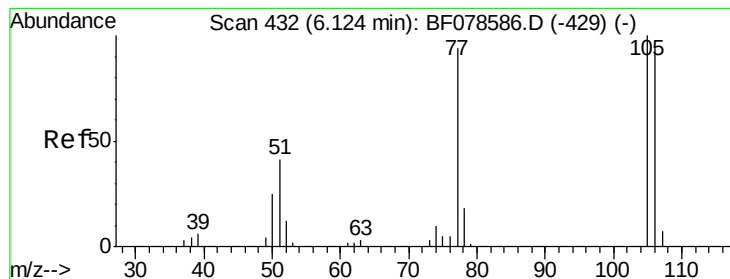


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.57 ng

RT: 5.16 min Scan# 348

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

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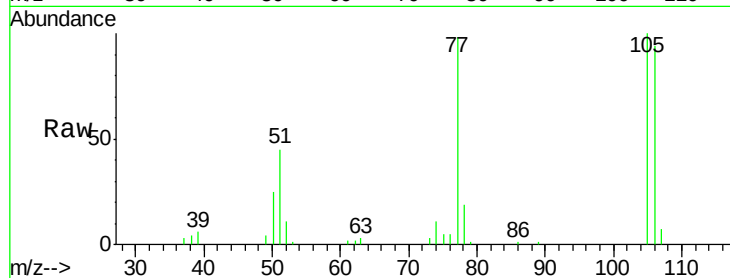
Tgt Ion: 77 Resp: 61099

Ion Ratio Lower Upper

77 100

105 102.5 85.4 125.4

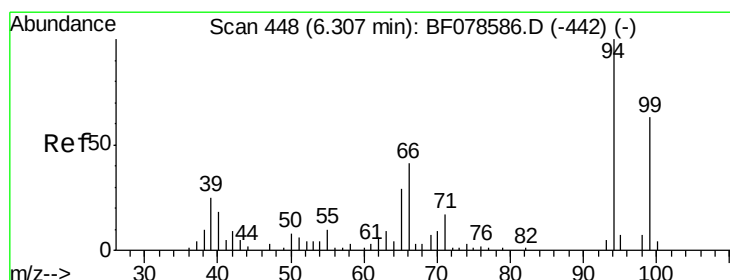
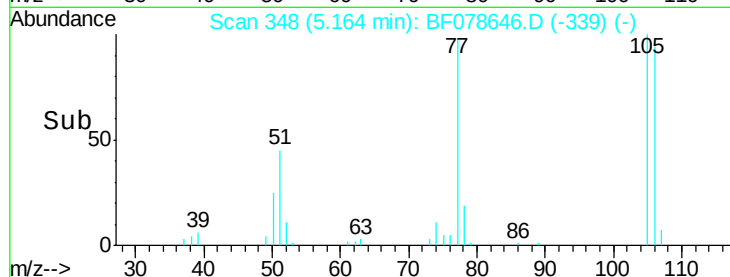
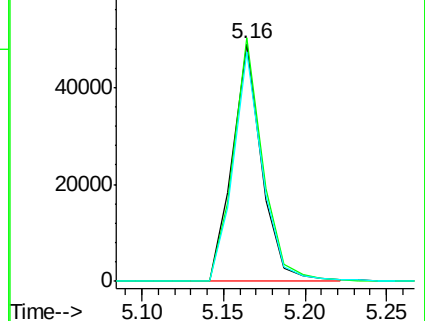
106 96.8 80.8 120.8



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: 41.83 ng

RT: 5.38 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

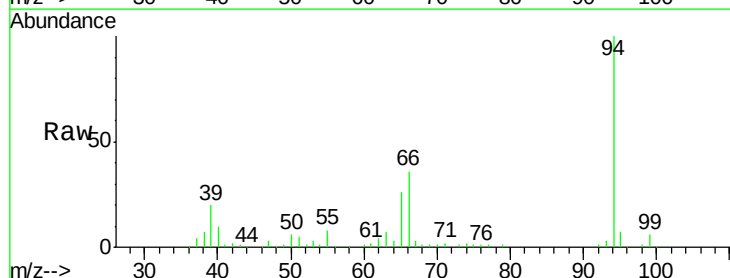
Tgt Ion: 94 Resp: 151145

Ion Ratio Lower Upper

94 100

65 26.5 4.9 44.9

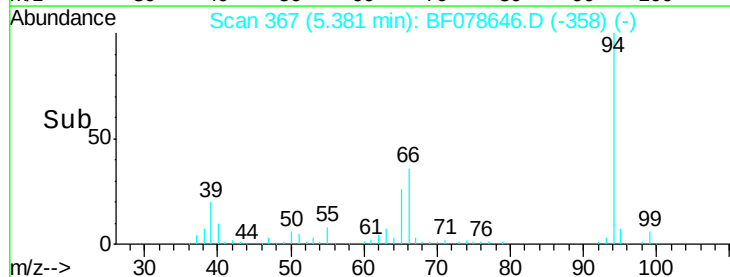
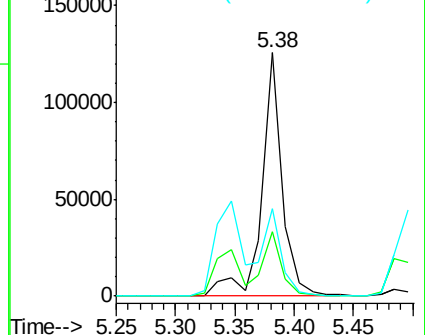
66 35.7 13.8 53.8

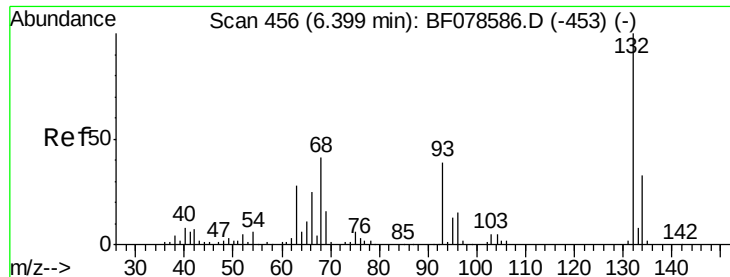


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

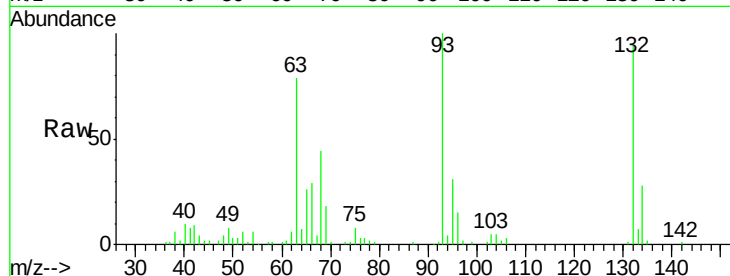




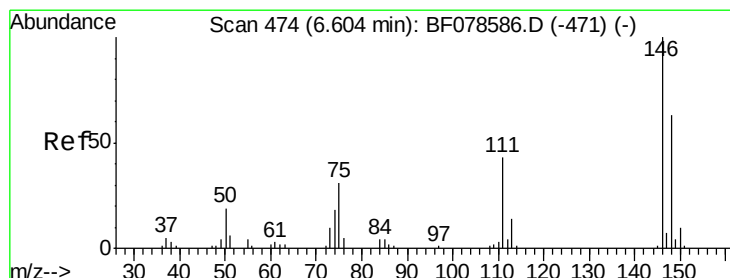
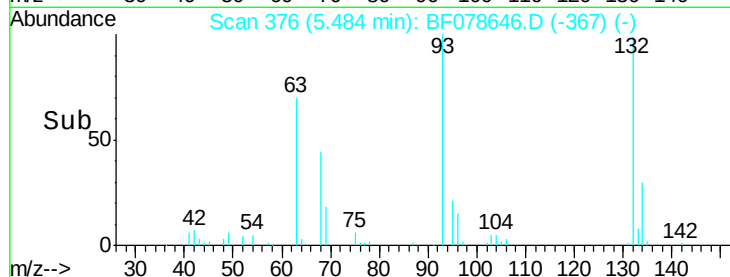
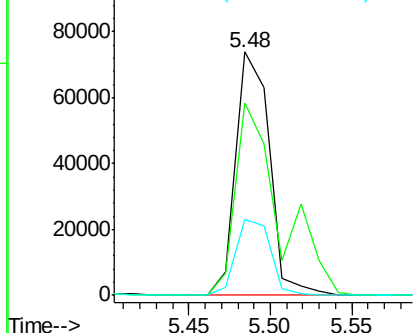
#11
bis(2-Chloroethyl)ether
Concen: 40.43 ng
RT: 5.48 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF078646.D
Acq: 20 Apr 2015 15:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 105051
Ion Ratio Lower Upper
93 100
63 79.0 54.6 94.6
95 31.3 13.6 53.6

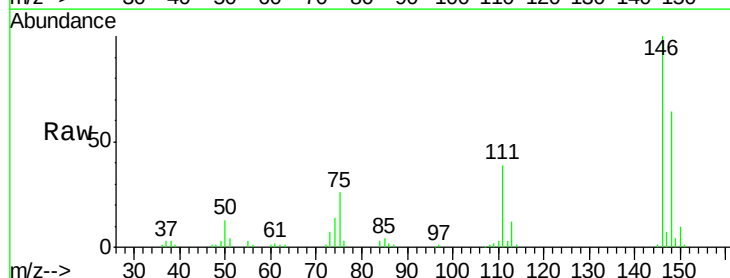


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

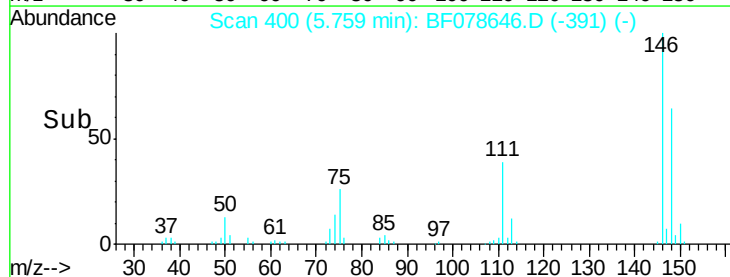
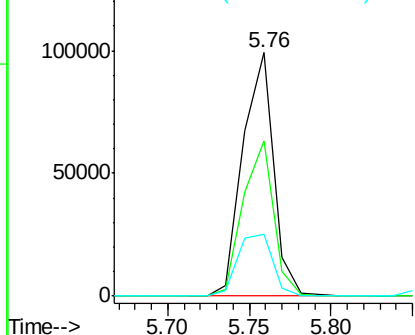


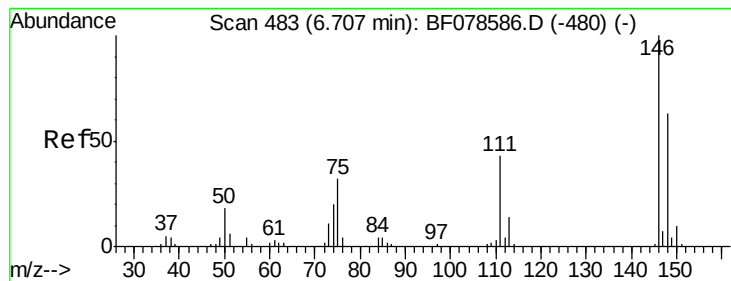
#12
1,3-Dichlorobenzene
Concen: 41.33 ng
RT: 5.76 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF078646.D
Acq: 20 Apr 2015 15:32

Tgt Ion: 146 Resp: 129177
Ion Ratio Lower Upper
146 100
148 63.9 49.1 73.7
75 25.6 26.6 40.0#



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: 40.98 ng

RT: 5.88 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

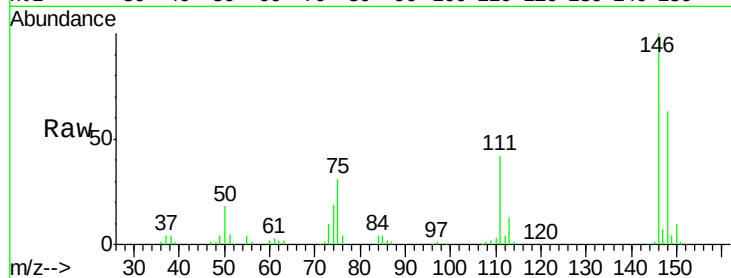
Tgt Ion:146 Resp: 128941

Ion Ratio Lower Upper

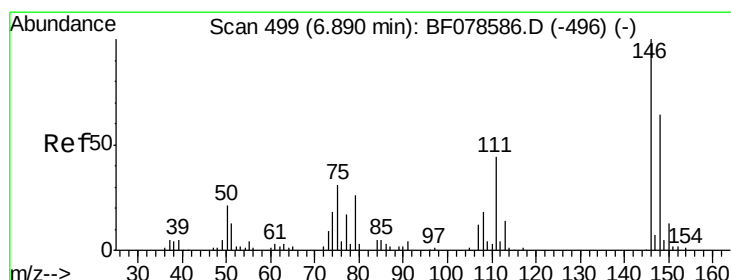
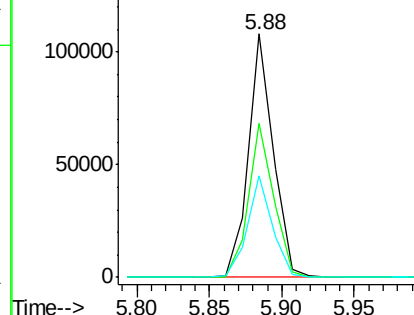
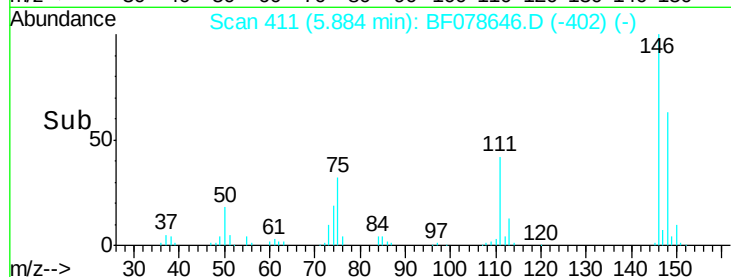
146 100

148 63.3 51.4 77.0

111 41.6 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: 41.21 ng

RT: 6.12 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

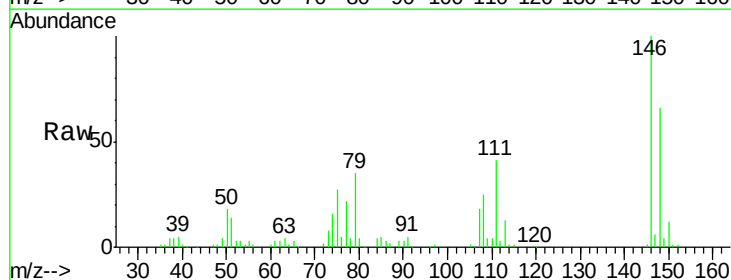
Tgt Ion:146 Resp: 121581

Ion Ratio Lower Upper

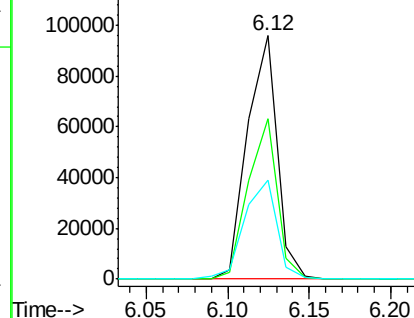
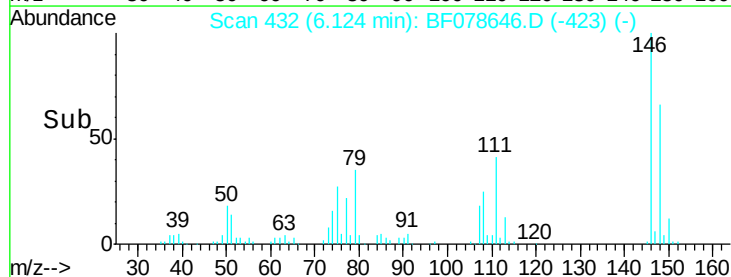
146 100

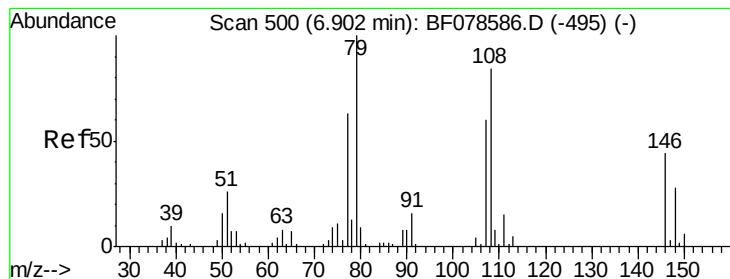
148 66.0 50.2 75.4

111 40.5 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: 46.33 ng

RT: 6.14 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

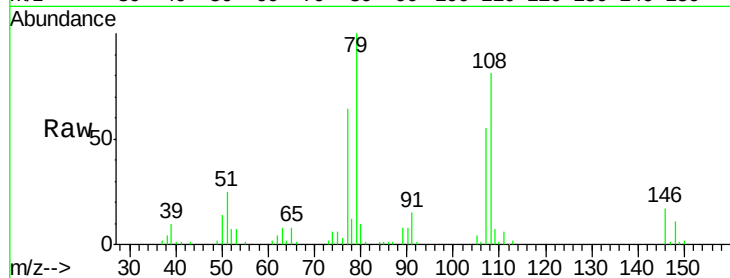
Tgt Ion: 79 Resp: 98187

Ion Ratio Lower Upper

79 100

108 80.8 57.6 86.4

77 64.0 53.5 80.3



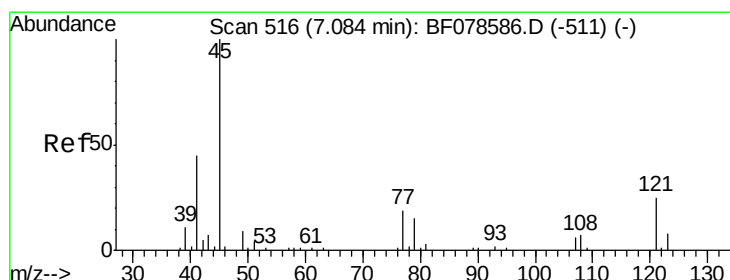
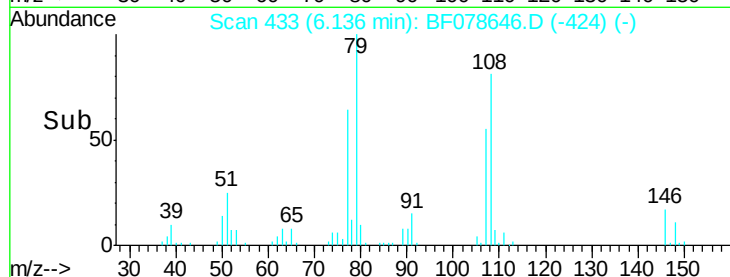
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

6.14

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.57 ng

RT: 6.38 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

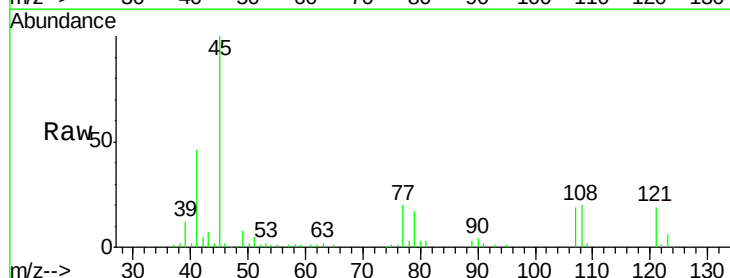
Tgt Ion: 45 Resp: 140624

Ion Ratio Lower Upper

45 100

77 20.1 0.0 34.5

79 17.5 0.0 31.9



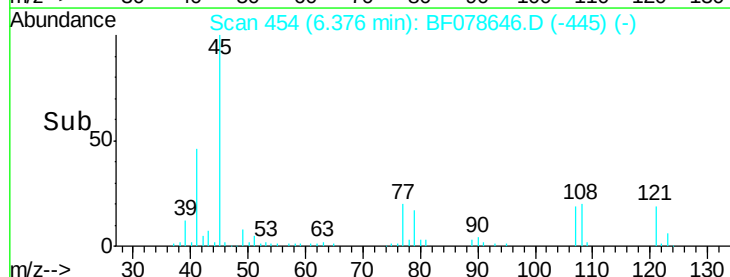
Abundance Ion 45.00 (44.70 to 45.70): BF0

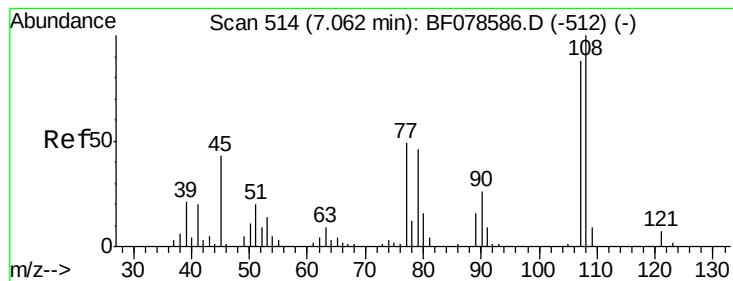
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

6.38

Time-->





#17

2-Methylphenol

Concen: 41.94 ng

RT: 6.36 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 92666

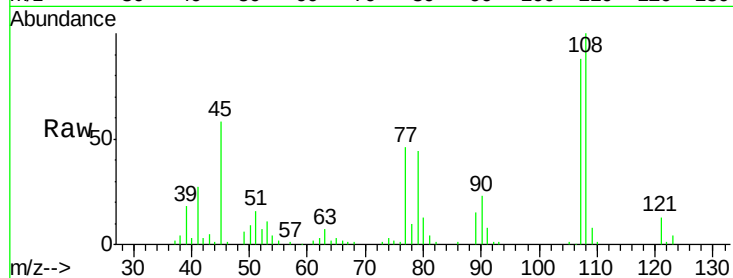
Ion Ratio Lower Upper

107 100

108 113.5 90.3 135.5

77 52.5 35.5 53.3

79 49.5 34.2 51.4

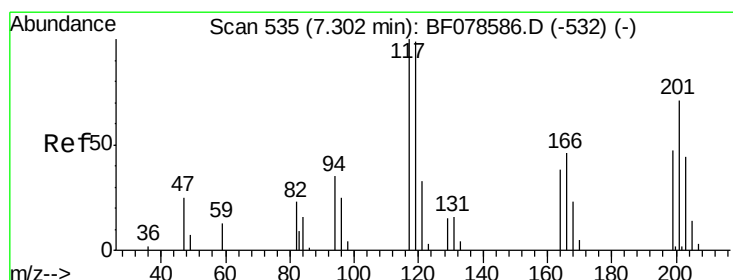
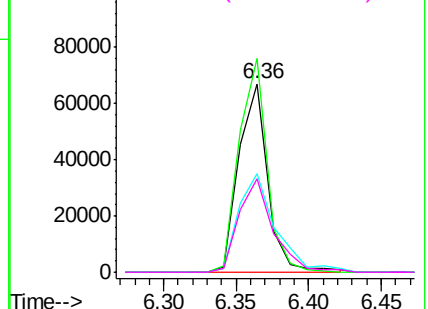
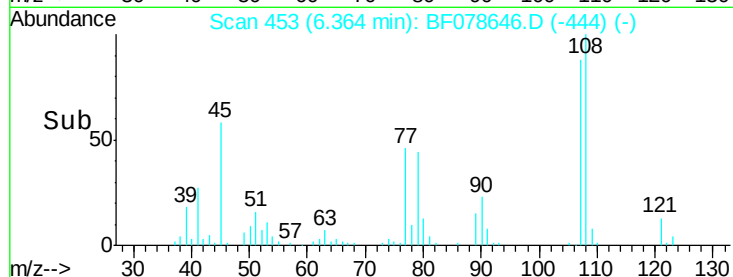


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.24 ng

RT: 6.67 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

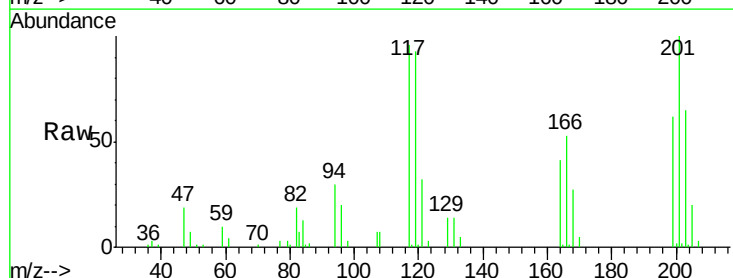
Tgt Ion:117 Resp: 44817

Ion Ratio Lower Upper

117 100

119 96.5 77.0 115.6

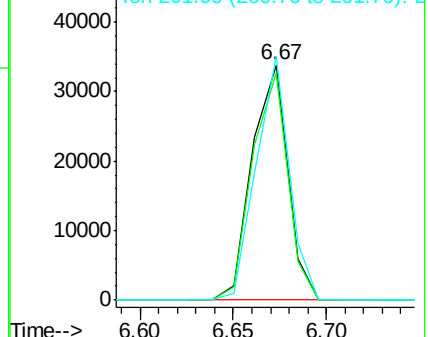
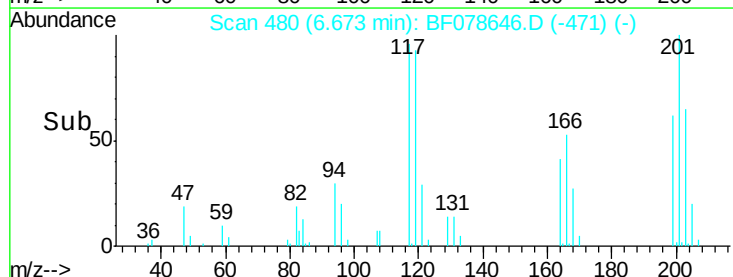
201 103.7 98.1 147.1

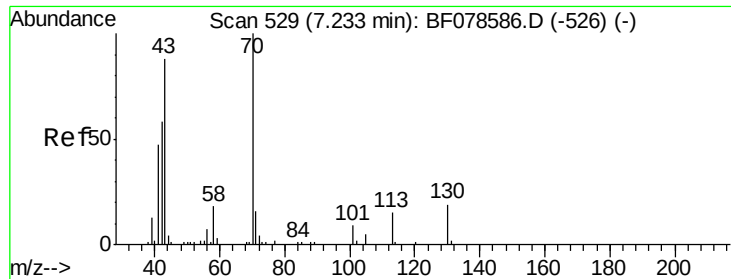


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

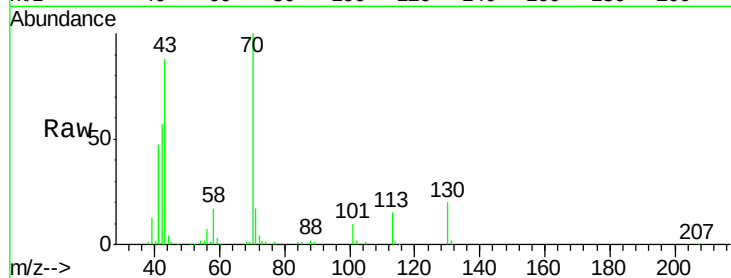




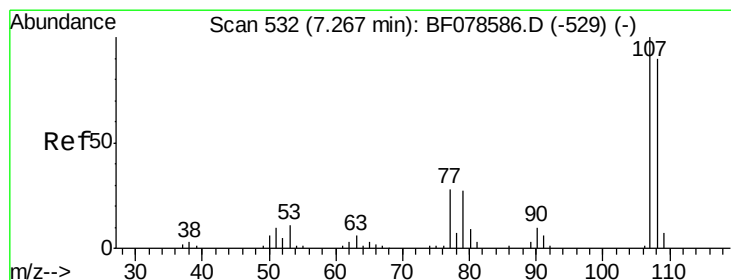
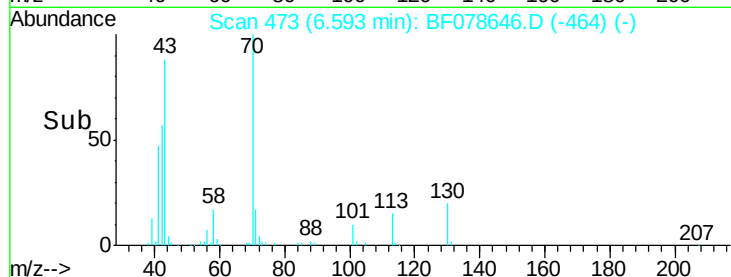
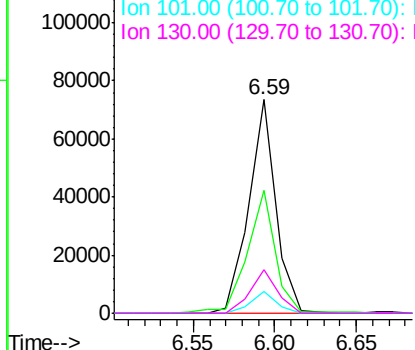
#19
n-Nitroso-di-n-propylamine
Concen: 42.53 ng
RT: 6.59 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF078646.D
Acq: 20 Apr 2015 15:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	70	Resp:	84628
Ion	Ratio	Lower	Upper
70	100		
42	57.4	38.9	58.3
101	10.2	8.3	12.5
130	20.1	19.8	29.8

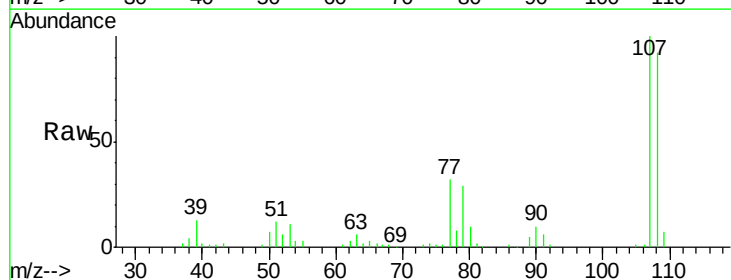


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

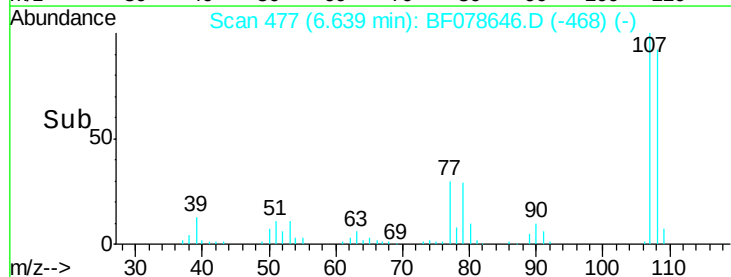
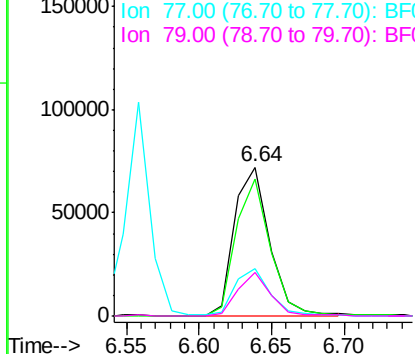


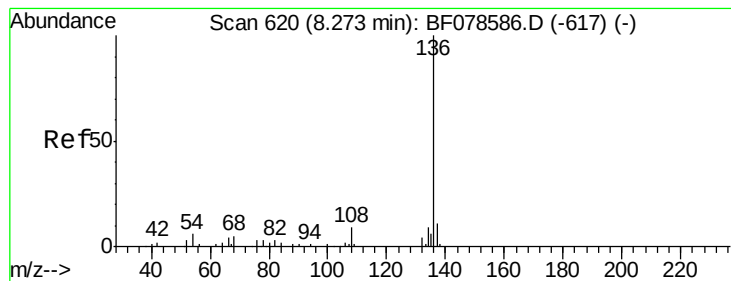
#20
3+4-Methylphenols
Concen: 41.50 ng
RT: 6.64 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF078646.D
Acq: 20 Apr 2015 15:32

Tgt Ion:	107	Resp:	122319
Ion	Ratio	Lower	Upper
107	100		
108	92.0	64.4	104.4
77	32.2	9.7	49.7
79	29.1	4.0	44.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 166879

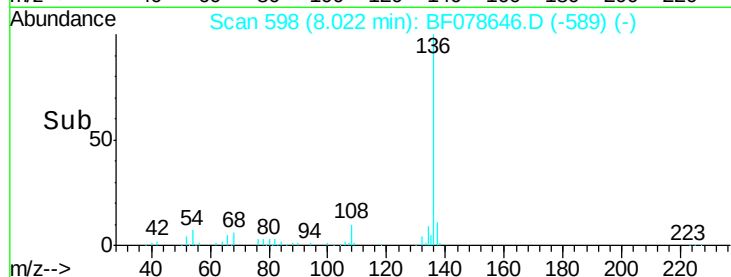
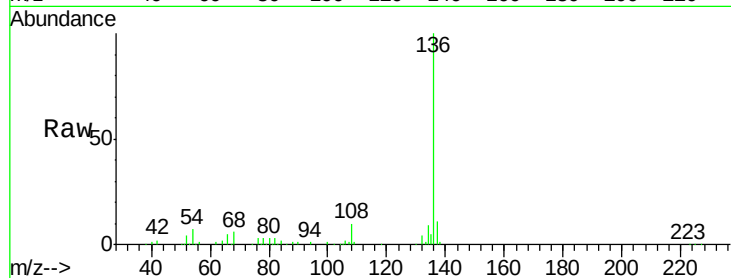
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.3 7.0 10.6

68 5.6 5.4 8.2

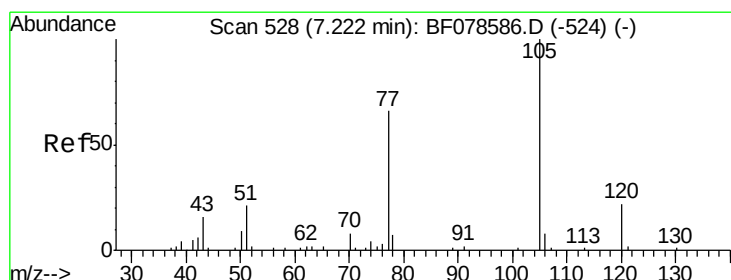
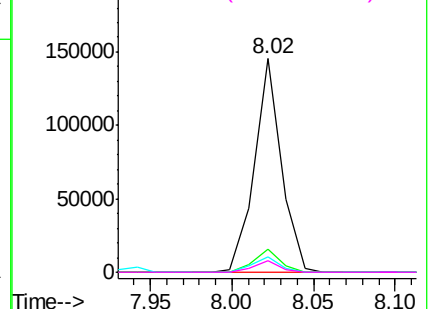


Abundance Ion 136.00 (135.70 to 136.70): E

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: BF078646.D

Acq: 20 Apr 2015 15:32

Tgt Ion:105 Resp: 161121

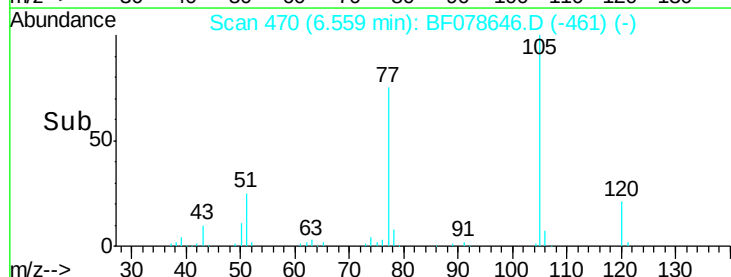
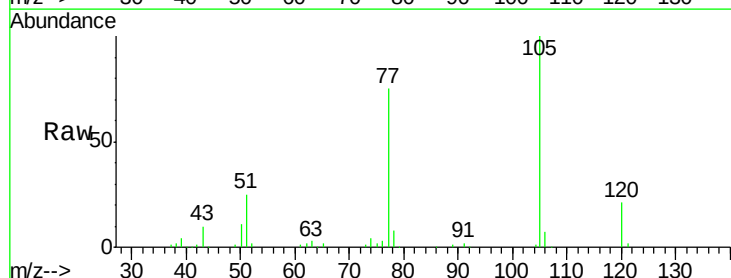
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 25.2 16.0 24.0#

120 20.6 17.8 26.6

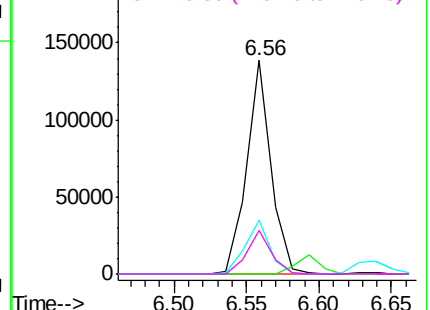


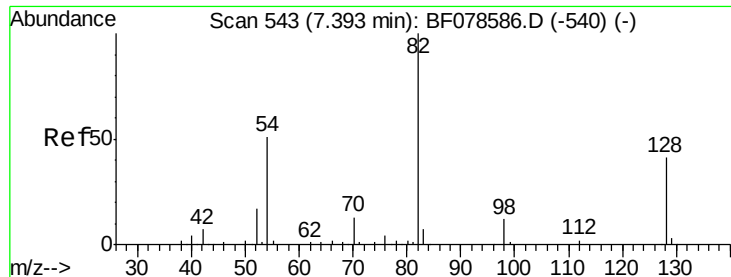
Abundance Ion 105.00 (104.70 to 105.70): E

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

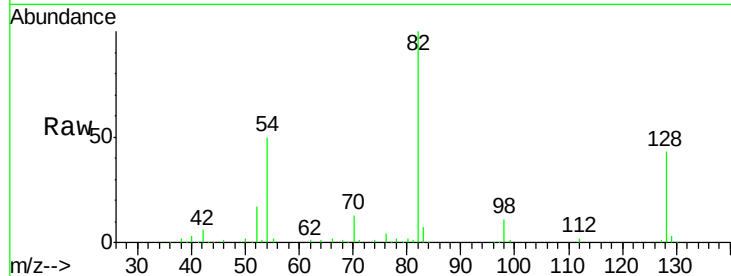




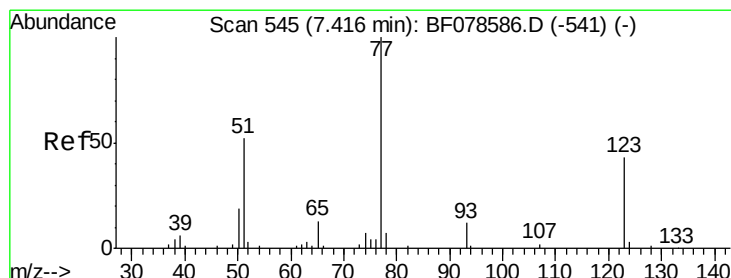
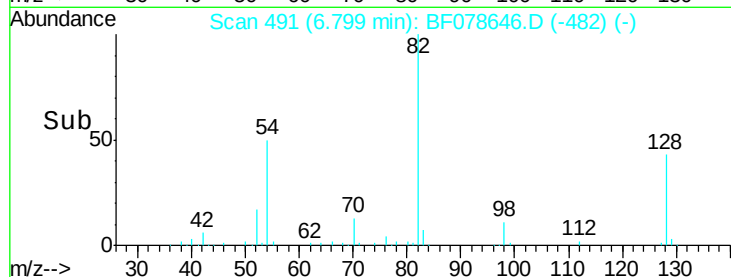
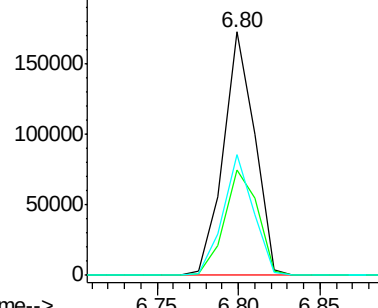
#23
Nitrobenzene-d5
Concen: 83.40 ng
RT: 6.80 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF078646.D
Acq: 20 Apr 2015 15:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	31.8	47.8
54	49.6	41.5	62.3

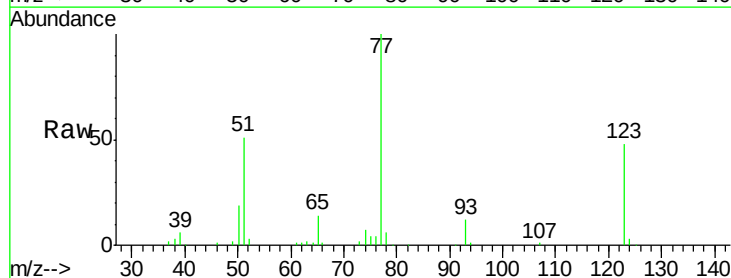


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

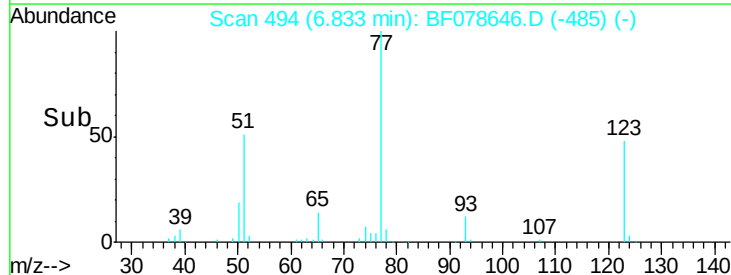
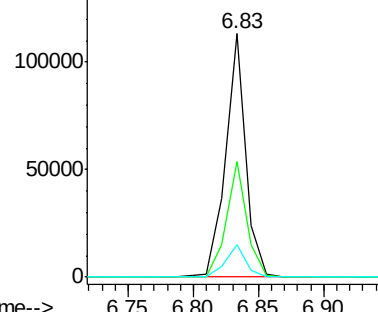


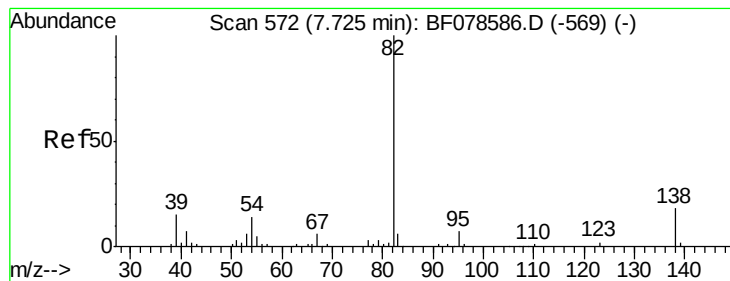
#24
Nitrobenzene
Concen: 42.39 ng
RT: 6.83 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF078646.D
Acq: 20 Apr 2015 15:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	46.9	70.3
65	13.6	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: 43.15 ng

RT: 7.27 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

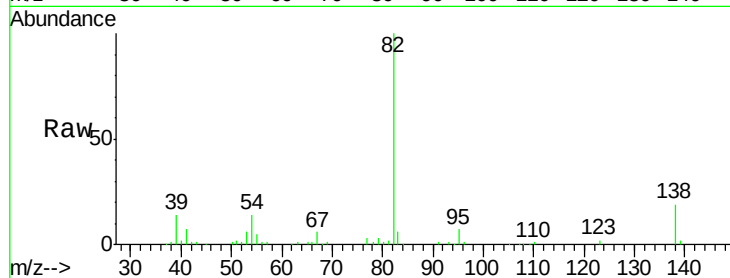
Tgt Ion: 82 Resp: 225469

Ion Ratio Lower Upper

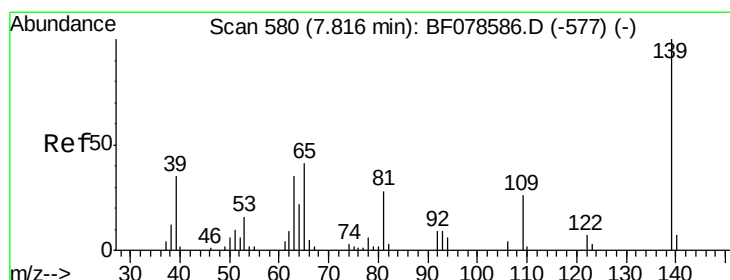
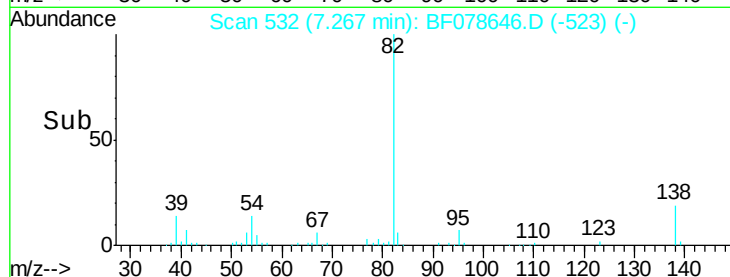
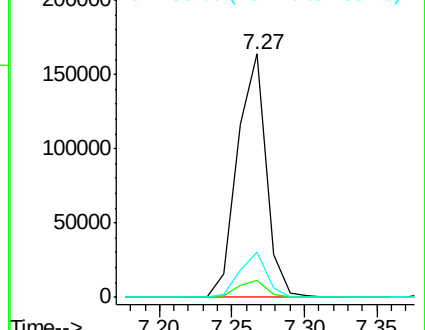
82 100

95 6.8 5.7 8.5

138 18.5 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: 43.50 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

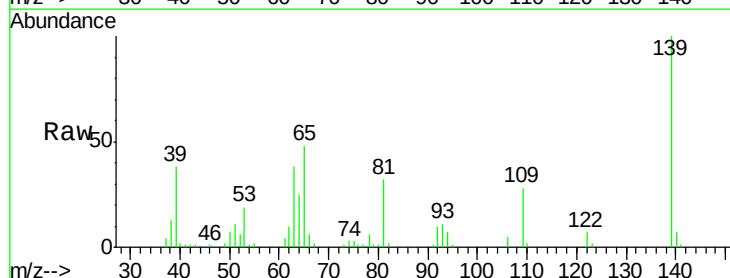
Tgt Ion: 139 Resp: 59659

Ion Ratio Lower Upper

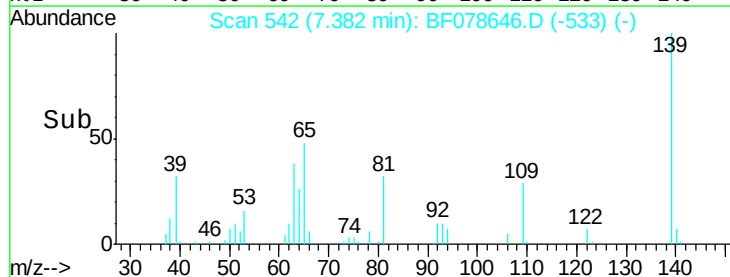
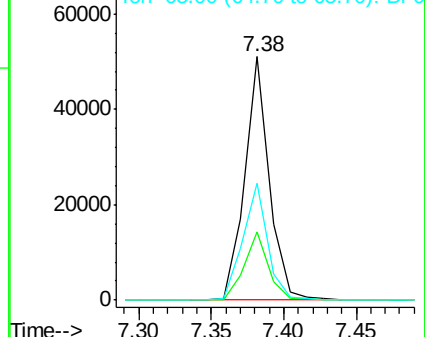
139 100

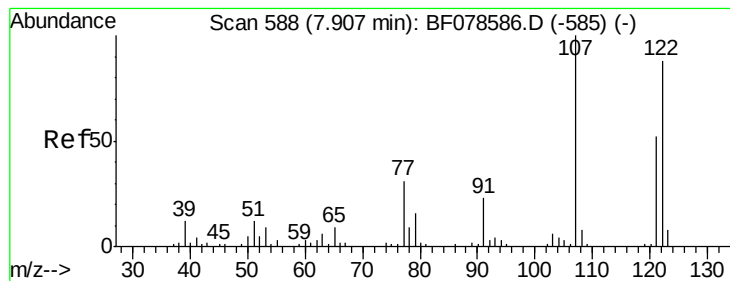
109 28.2 19.8 29.8

65 47.8 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: 40.48 ng

RT: 7.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

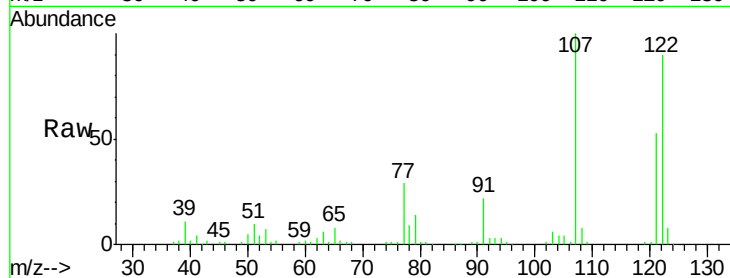
Tgt Ion:122 Resp: 103234

Ion Ratio Lower Upper

122 100

107 110.5 84.6 127.0

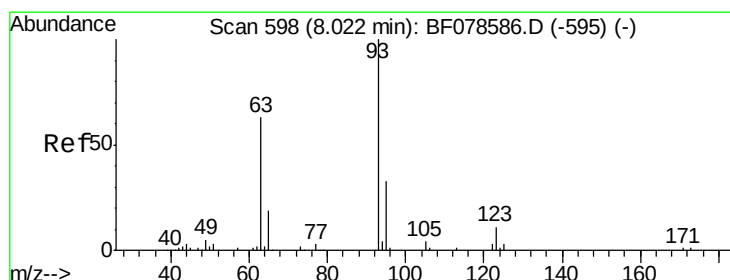
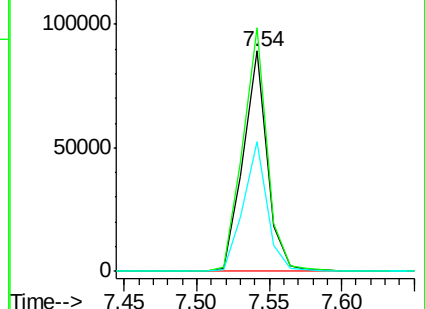
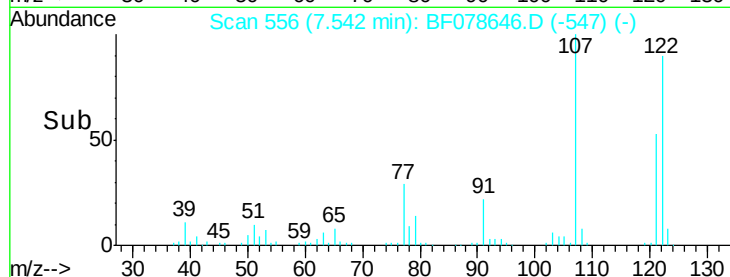
121 58.6 46.0 69.0



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: 40.18 ng

RT: 7.70 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

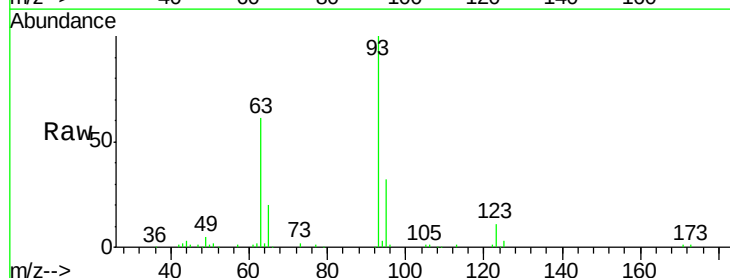
Tgt Ion: 93 Resp: 134628

Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

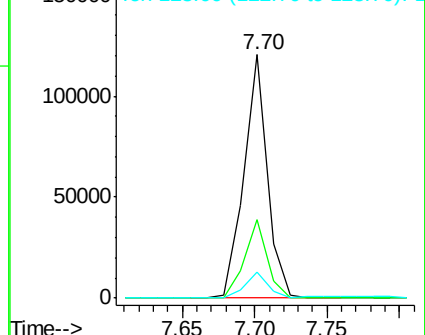
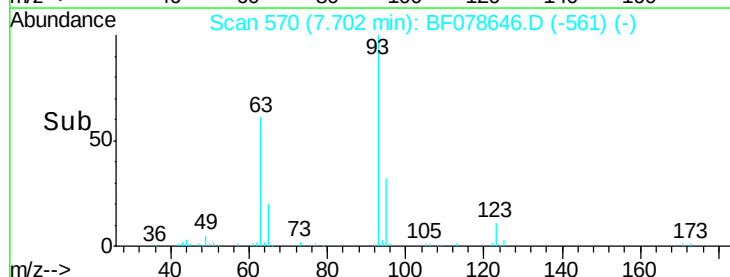
123 10.8 9.1 13.7

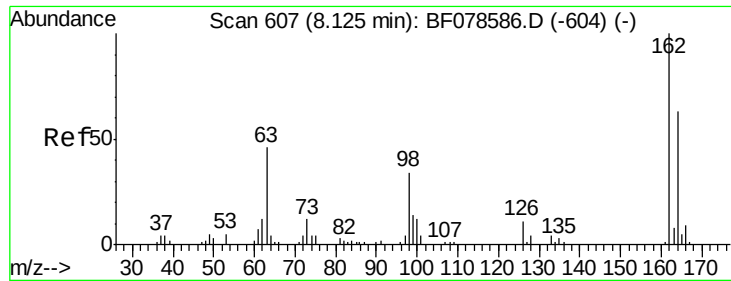


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

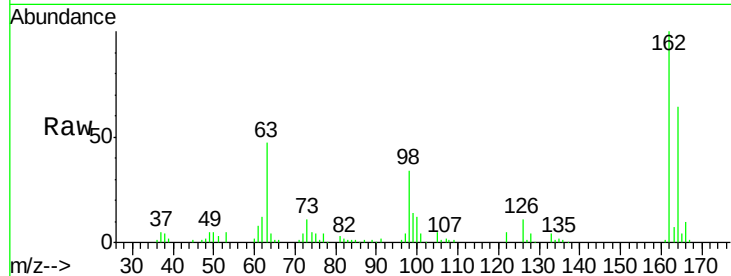




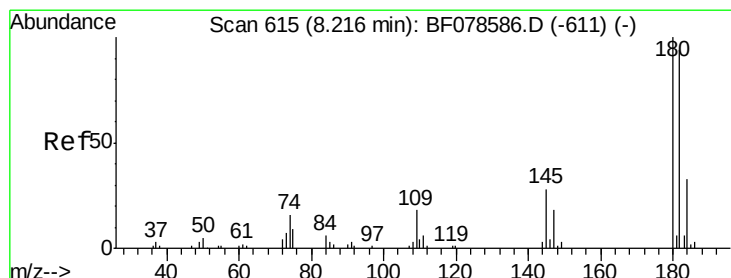
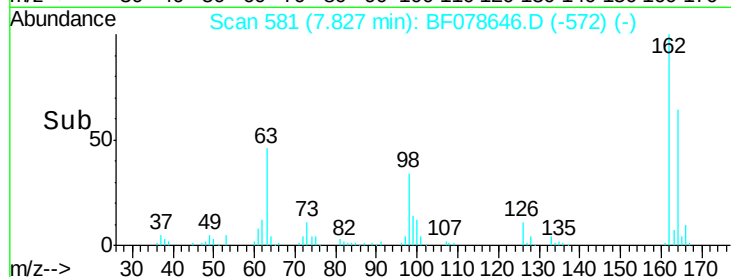
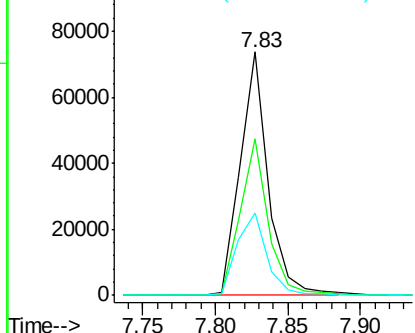
#29
 2,4-Dichlorophenol
 Concen: 42.30 ng
 RT: 7.83 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF078646.D
 Acq: 20 Apr 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 98140
 Ion Ratio Lower Upper
 162 100
 164 64.2 47.0 87.0
 98 33.9 9.2 49.2

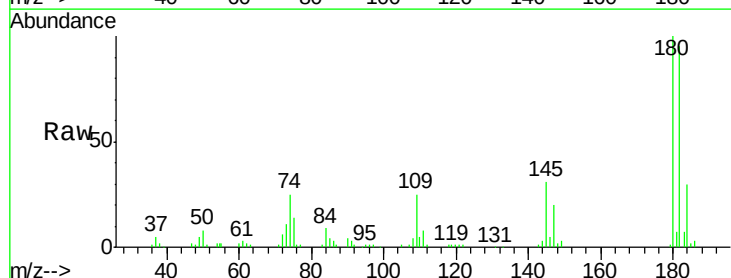


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

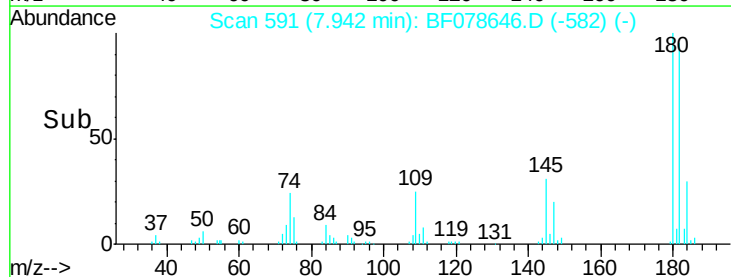
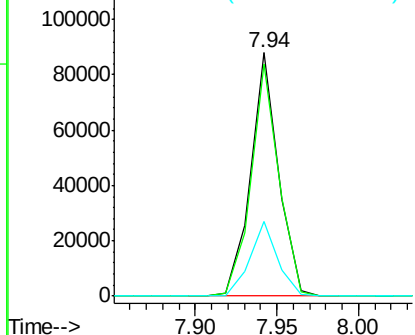


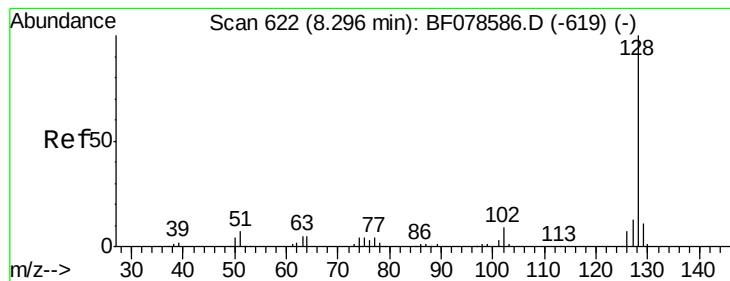
#30
 1,2,4-Trichlorobenzene
 Concen: 38.94 ng
 RT: 7.94 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF078646.D
 Acq: 20 Apr 2015 15:32

Tgt Ion:180 Resp: 103598
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.9 115.3
 145 30.8 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: 39.91 ng

RT: 8.06 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

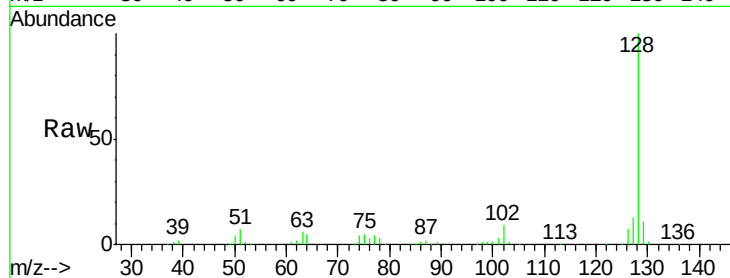
Tgt Ion:128 Resp: 346622

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

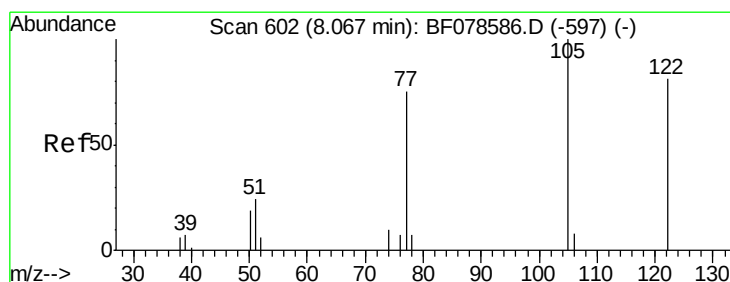
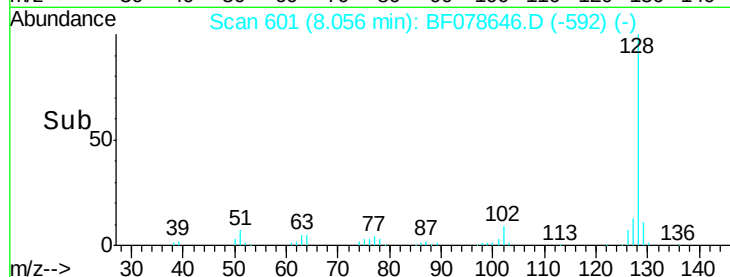
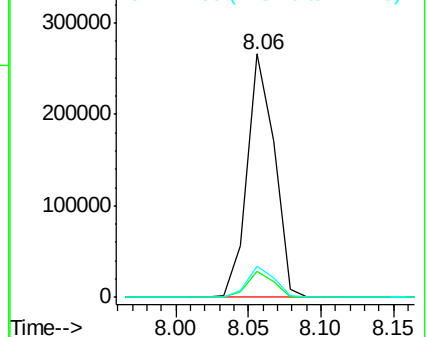
127 12.9 10.7 16.1



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: 30.70 ng

RT: 7.79 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

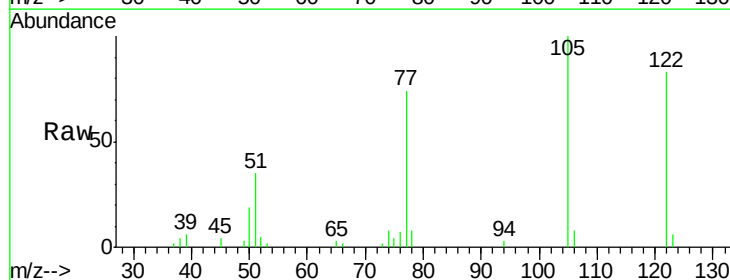
Tgt Ion:122 Resp: 33978

Ion Ratio Lower Upper

122 100

105 120.4 96.1 136.1

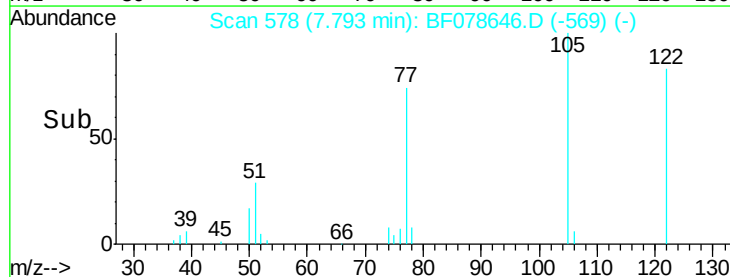
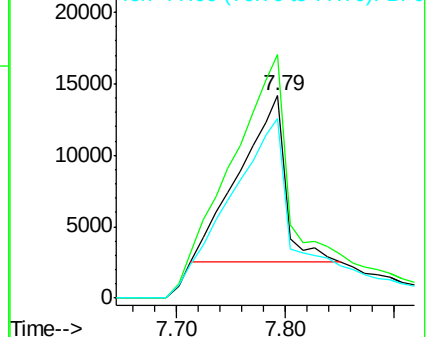
77 88.8 64.1 104.1

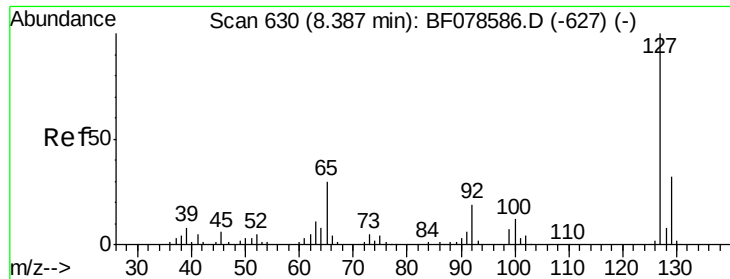


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

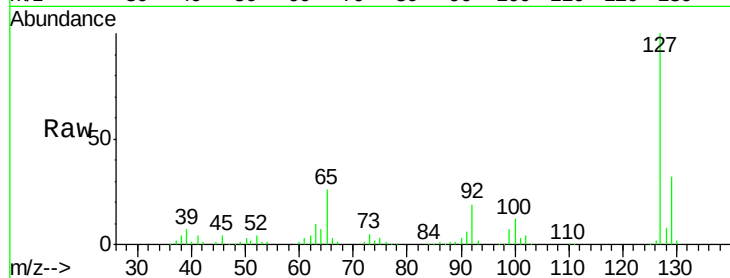




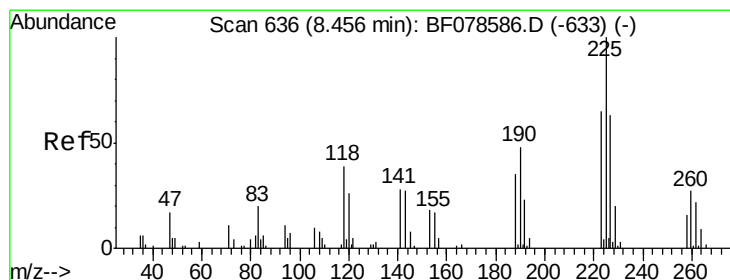
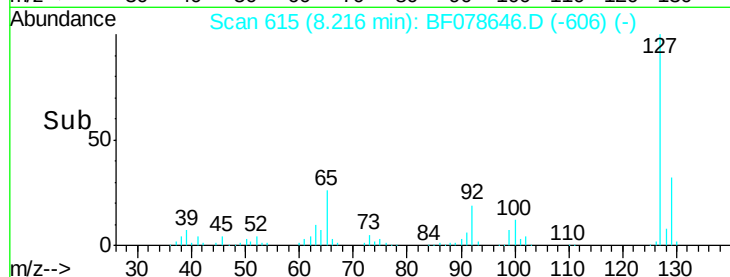
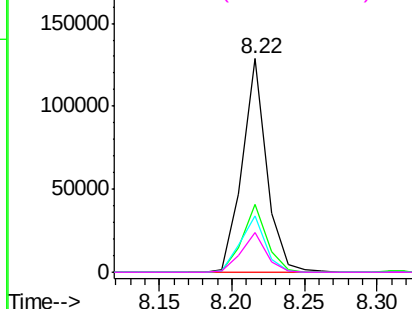
#33
4-Chloroaniline
Concen: 41.85 ng
RT: 8.22 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF078646.D
Acq: 20 Apr 2015 15:32

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	150853
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.5	38.3
65	26.4	21.7	32.5
92	18.8	14.6	21.8

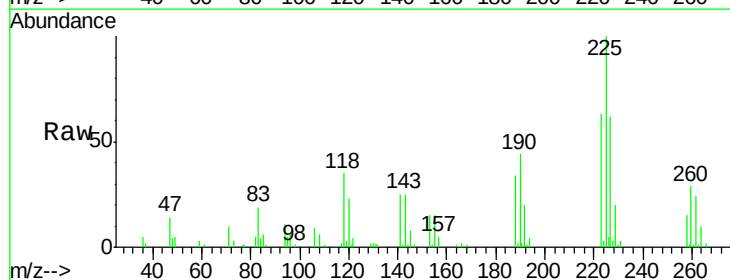


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

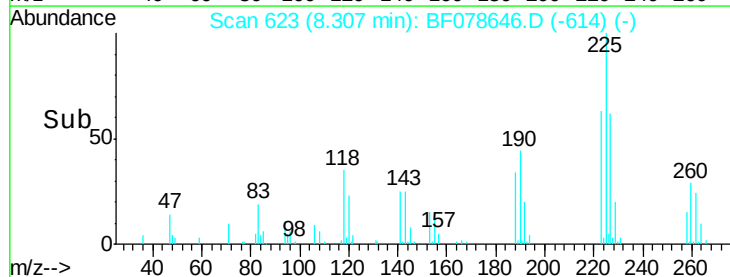
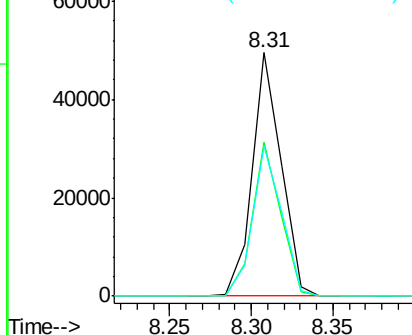


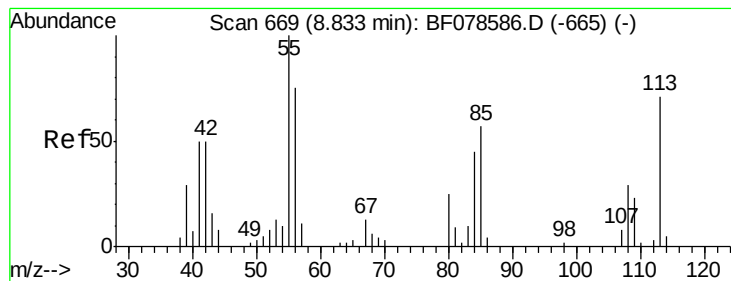
#34
Hexachlorobutadiene
Concen: 41.54 ng
RT: 8.31 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF078646.D
Acq: 20 Apr 2015 15:32

Tgt Ion:	225	Resp:	60683
Ion	Ratio	Lower	Upper
225	100		
223	63.2	47.5	71.3
227	61.7	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: 44.76 ng

RT: 8.87 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

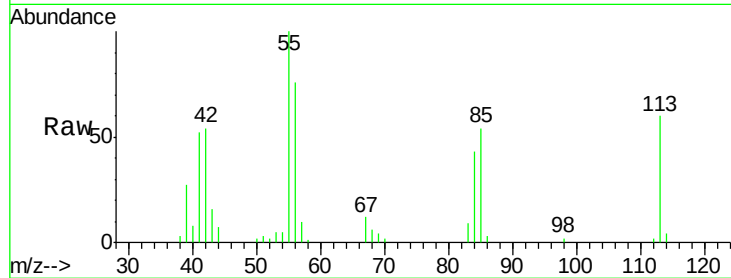
Tgt Ion:113 Resp: 31002

Ion Ratio Lower Upper

113 100

55 166.1 151.9 191.9

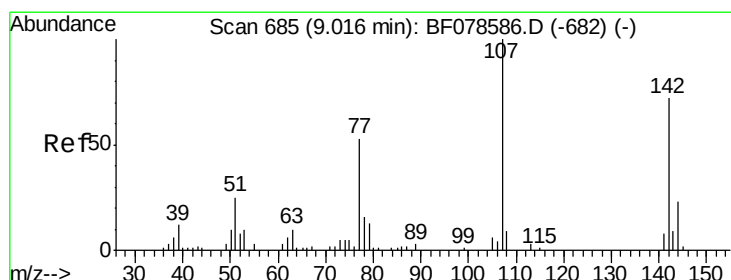
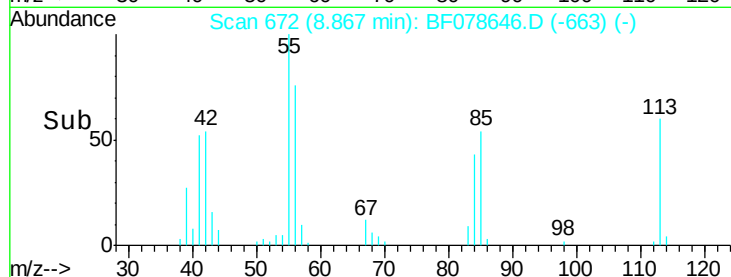
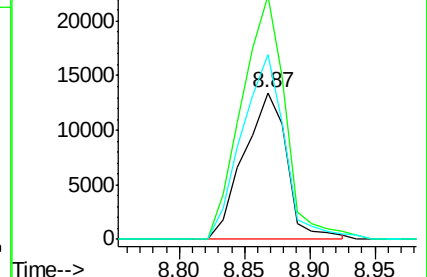
56 126.1 106.1 146.1



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: 43.72 ng

RT: 9.18 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

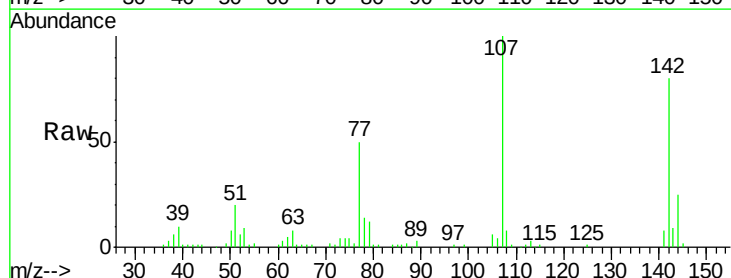
Tgt Ion:107 Resp: 102363

Ion Ratio Lower Upper

107 100

144 25.3 18.2 27.2

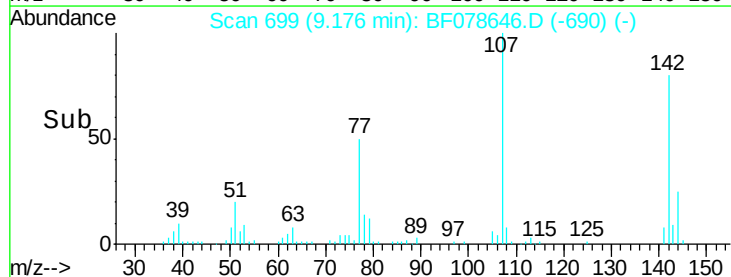
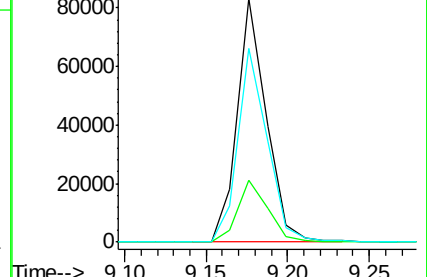
142 79.8 58.0 87.0

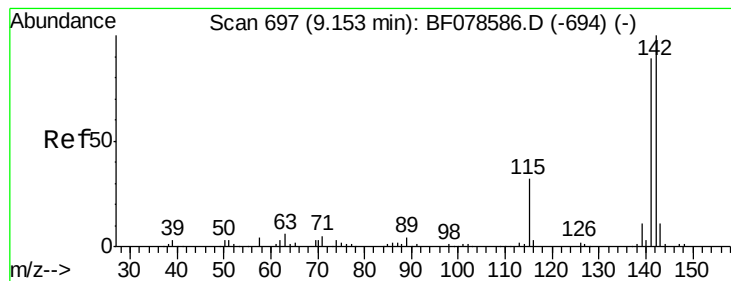


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.97 ng

RT: 9.32 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

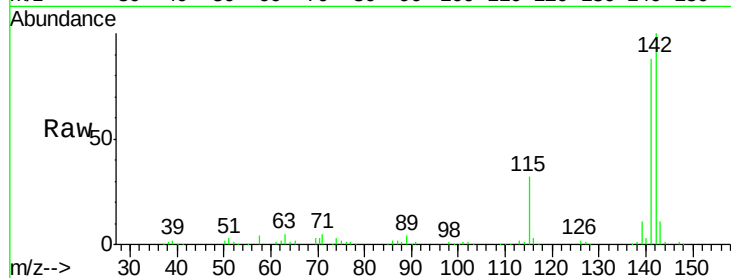
Tgt Ion:142 Resp: 235692

Ion Ratio Lower Upper

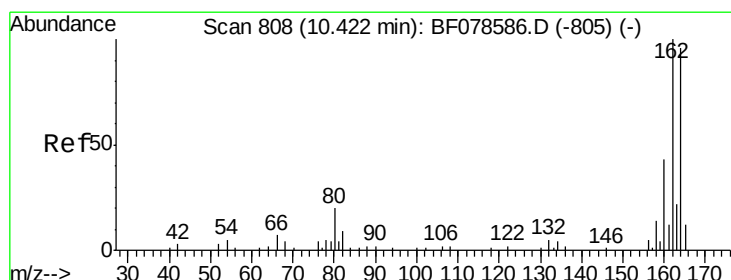
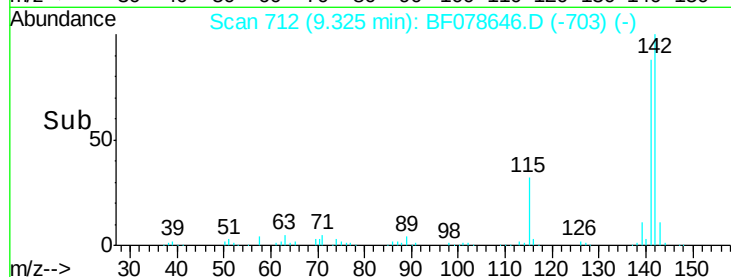
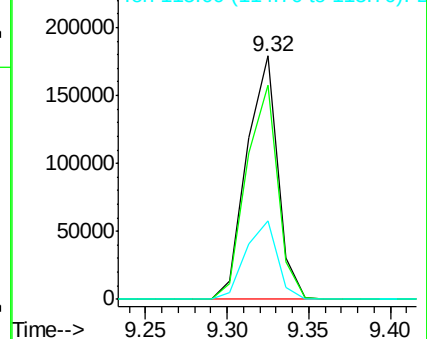
142 100

141 87.8 70.3 105.5

115 32.1 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: BF078646.D

Acq: 20 Apr 2015 15:32

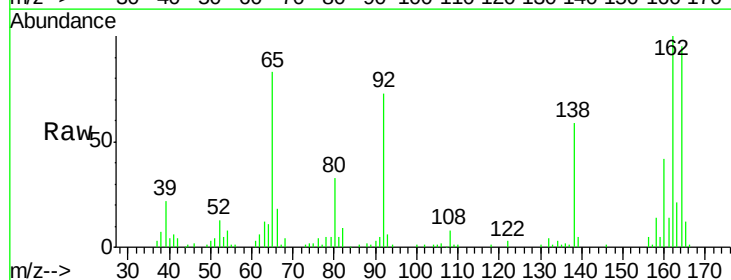
Tgt Ion:164 Resp: 80519

Ion Ratio Lower Upper

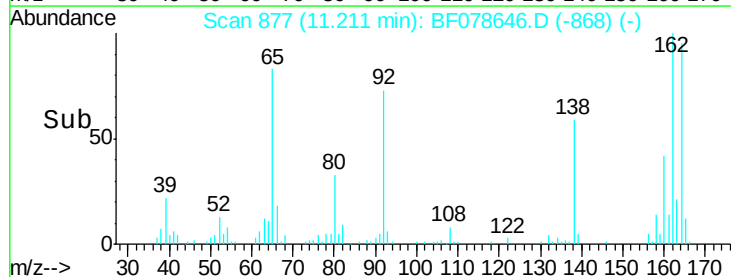
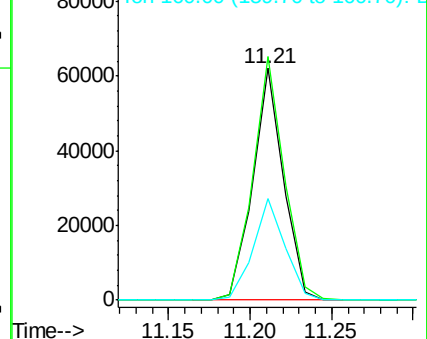
164 100

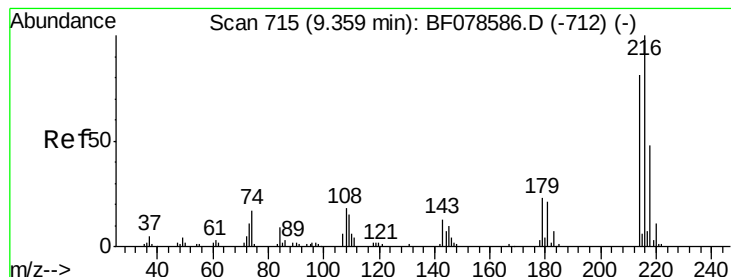
162 105.1 82.2 123.2

160 44.1 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: 41.57 ng

RT: 9.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 103716

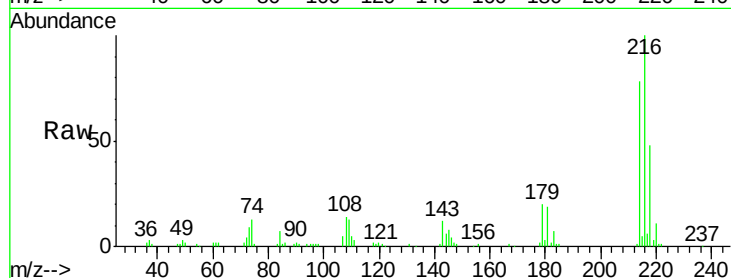
Ion Ratio Lower Upper

216 100

214 78.5 62.0 93.0

179 22.0 17.3 25.9

108 18.6 14.6 21.8

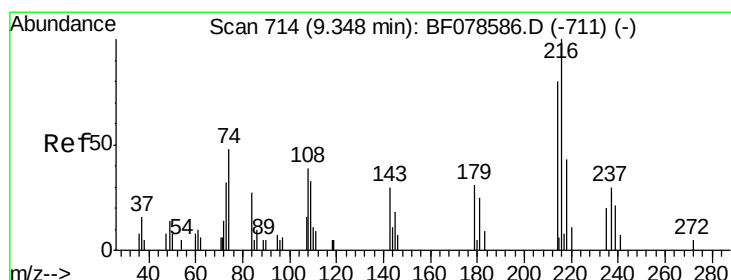
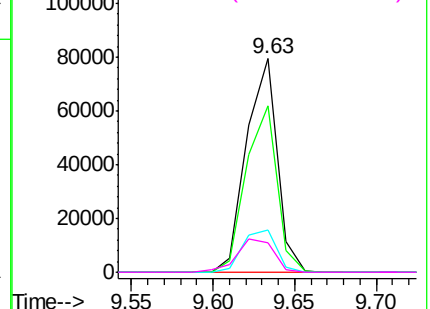
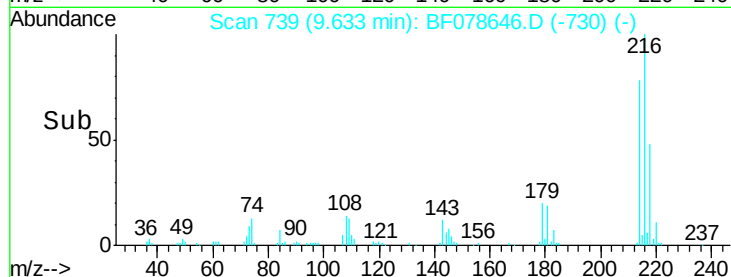


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.42 ng

RT: 9.61 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

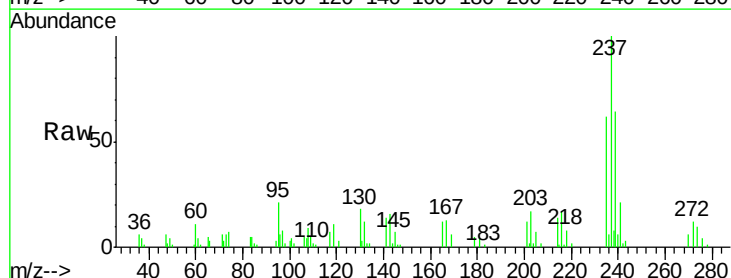
Tgt Ion:237 Resp: 35927

Ion Ratio Lower Upper

237 100

235 62.2 44.1 84.1

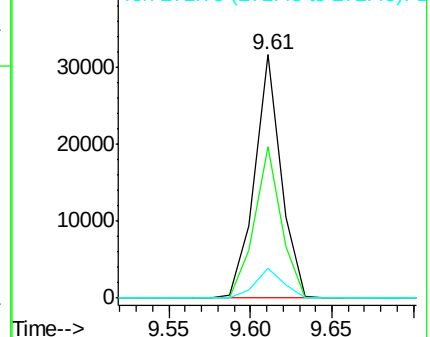
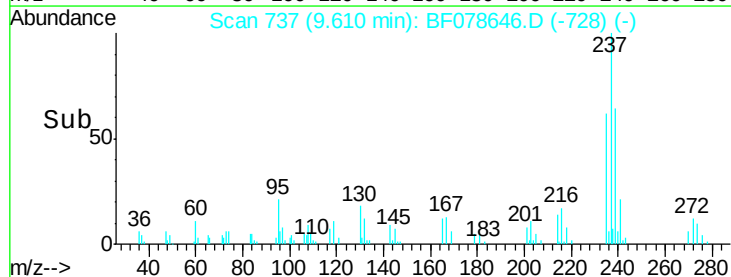
272 12.2 0.0 34.4

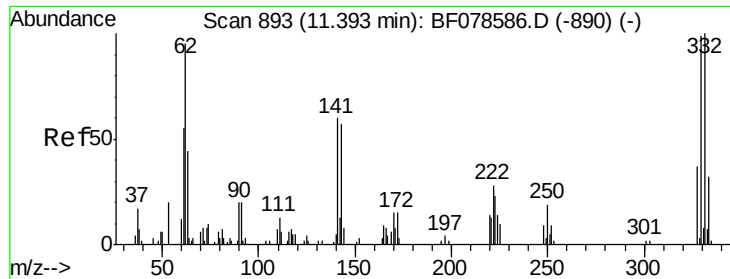


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

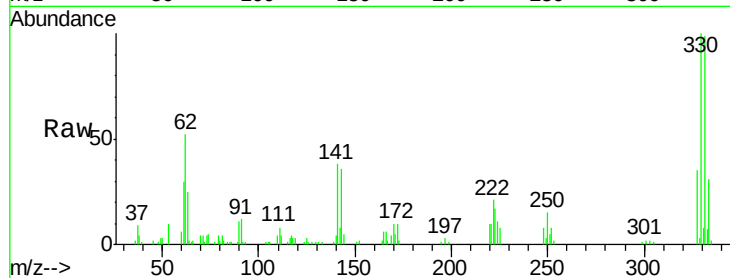




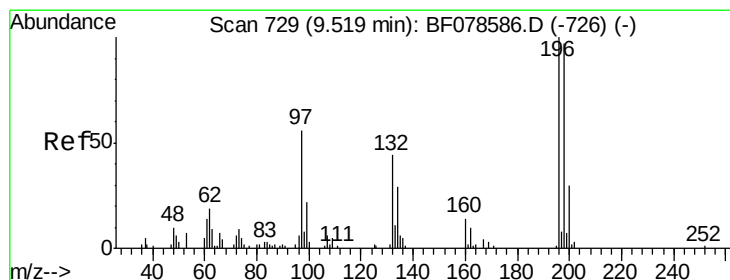
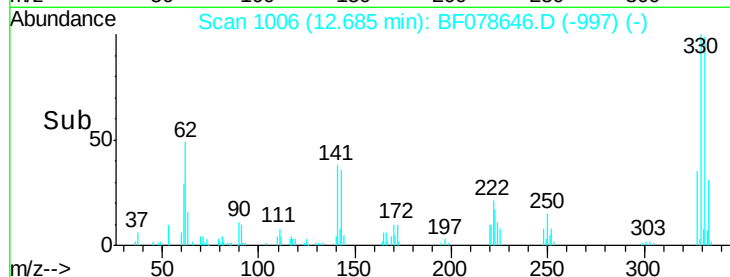
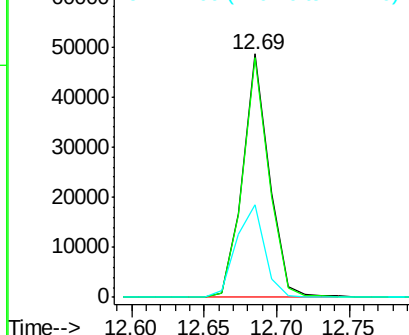
#41
 2,4,6-Tribromophenol
 Concen: 92.62 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF078646.D
 Acq: 20 Apr 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 61854
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.6 117.8
 141 40.3 31.2 46.8

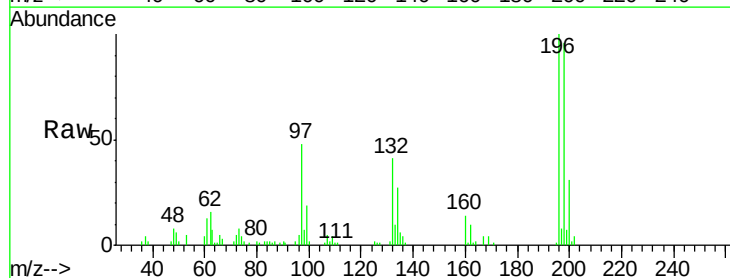


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

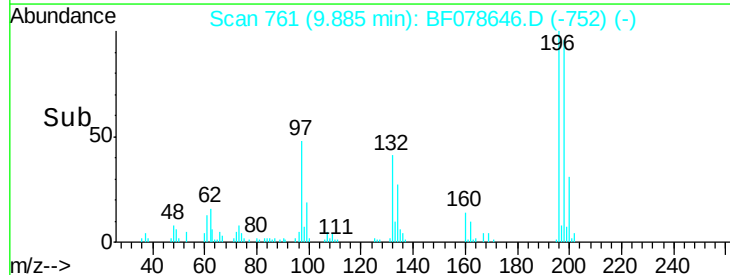
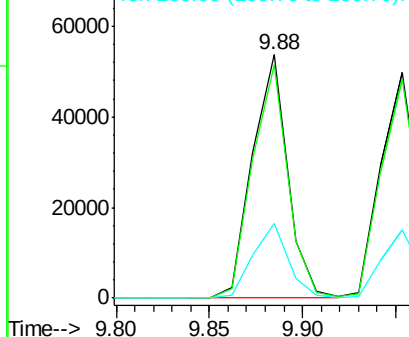


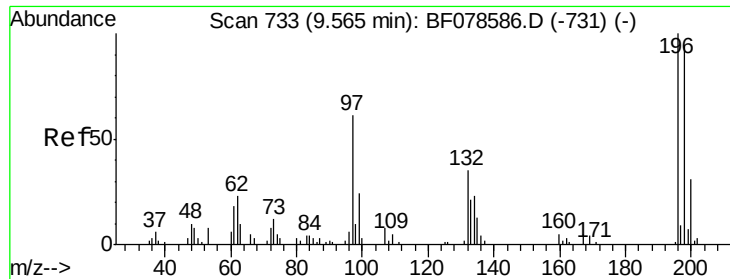
#42
 2,4,6-Trichlorophenol
 Concen: 44.82 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF078646.D
 Acq: 20 Apr 2015 15:32

Tgt Ion:196 Resp: 70522
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.4 113.2
 200 30.6 24.0 36.0



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

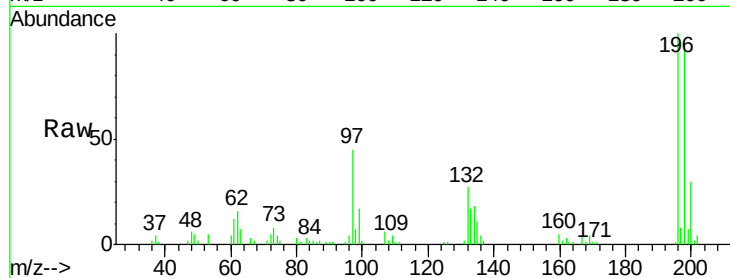




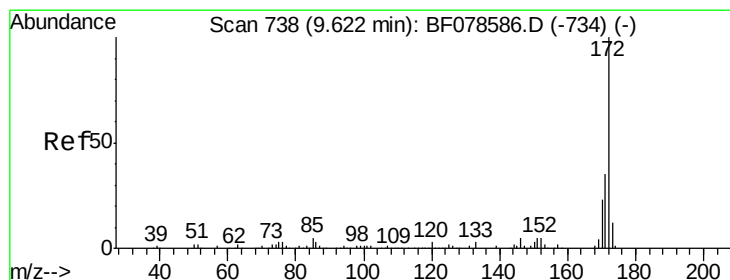
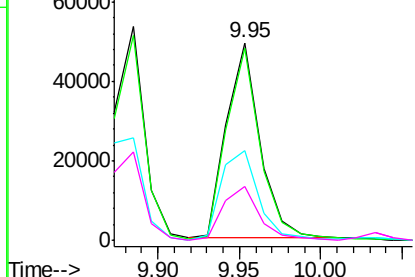
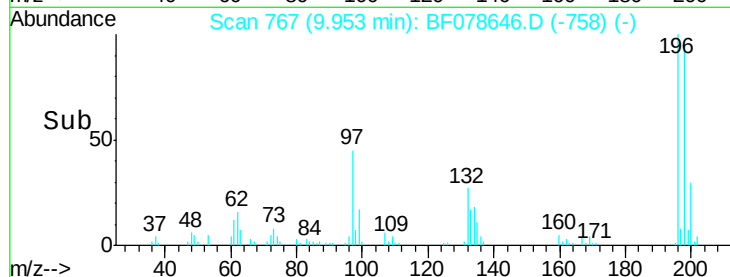
#43
 2,4,5-Trichlorophenol
 Concen: 42.57 ng
 RT: 9.95 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF078646.D
 Acq: 20 Apr 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 69974
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.6 115.0
 97 45.4 50.6 75.8#
 132 27.2 27.7 41.5#

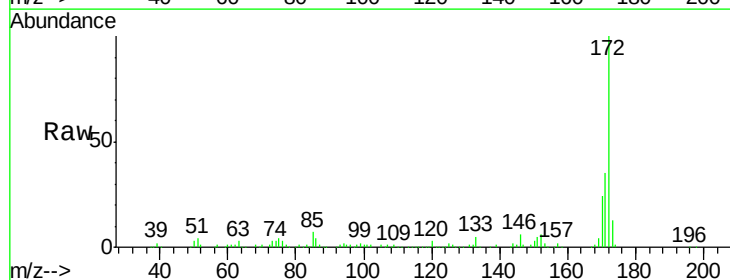


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

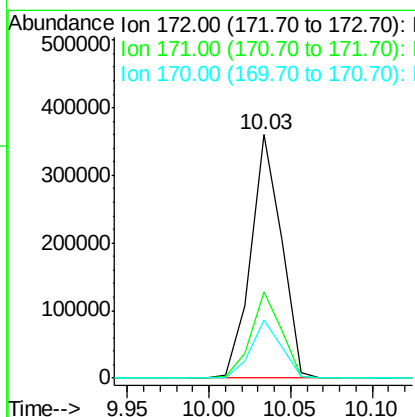
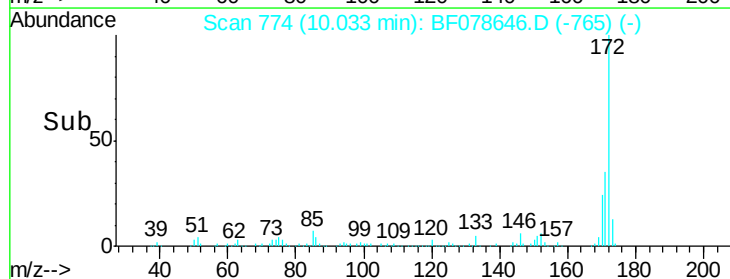


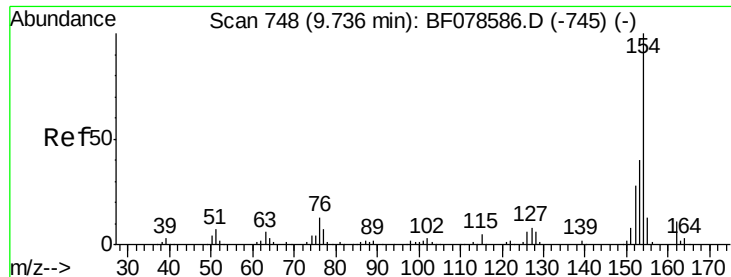
#44
 2-Fluorobiphenyl
 Concen: 83.37 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078646.D
 Acq: 20 Apr 2015 15:32

Tgt Ion:172 Resp: 469636
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.7 18.5 27.7



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





#45

1,1'-Biphenyl

Concen: 41.21 ng

RT: 10.20 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

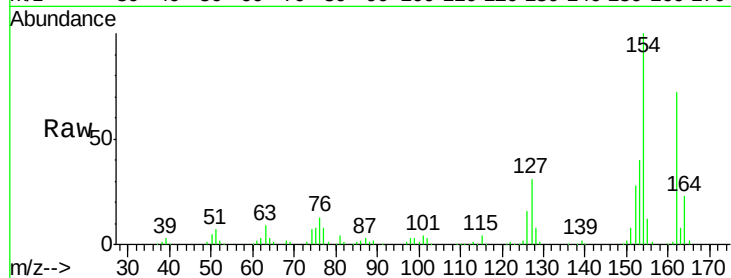
Tgt Ion:154 Resp: 271384

Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

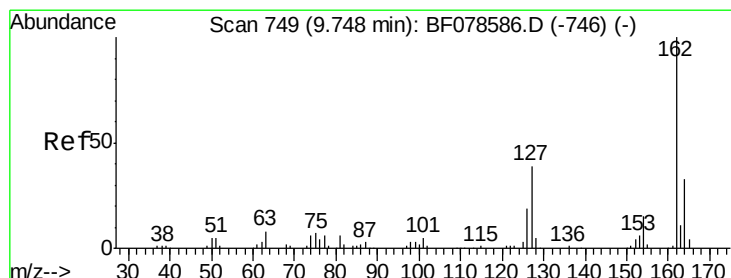
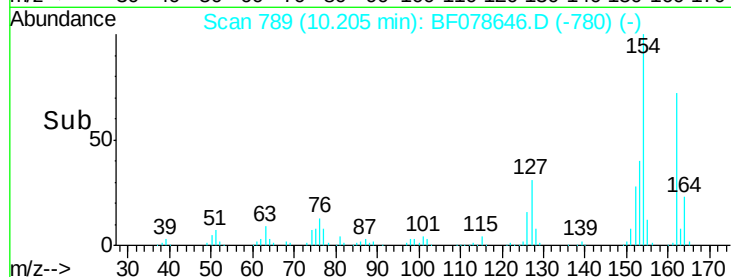
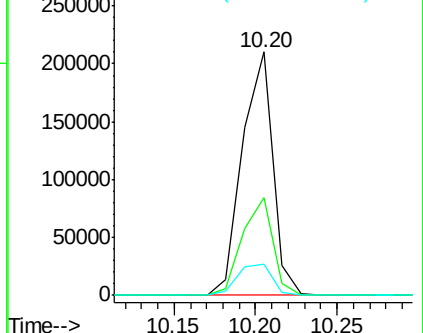
76 12.9 0.0 30.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.72 ng

RT: 10.20 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF078646.D

Acq: 20 Apr 2015 15:32

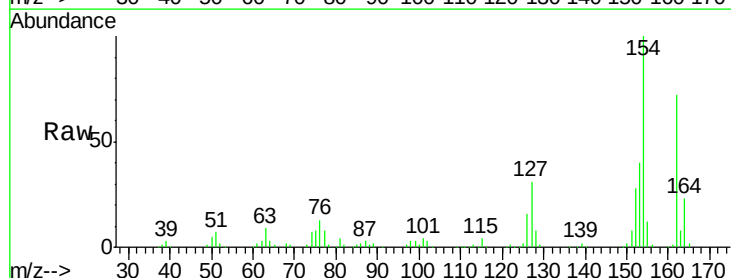
Tgt Ion:162 Resp: 210989

Ion Ratio Lower Upper

162 100

127 43.0 32.6 49.0

164 32.6 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

