

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080561.D
 Acq On : 22 Jul 2015 17:15
 Operator : TP/UM
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Jul 23 04:30:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 04:11:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	36484	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	132284	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	54646	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	92343	20.00	ng	0.00
75) Chrysene-d12	14.29	240	70330	20.00	ng	-0.02
86) Perylene-d12	15.94	264	47840	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	205278	89.04	ng	0.00
7) Phenol-d6	6.57	99	263424	99.32	ng	0.00
23) Nitrobenzene-d5	7.52	82	219306	104.69	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	41380	88.29	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	375603	96.82	ng	0.00
78) Terphenyl-d14	13.12	244	346190	107.22	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	50311	50.71	ng	# 100
3) Pyridine	3.26	79	140446	66.96	ng	98
4) n-Nitrosodimethylamine	3.18	42	74549	55.90	ng	# 96
6) Aniline	6.61	93	189510	53.40	ng	100
8) 2-Chlorophenol	6.74	128	107680	44.48	ng	94
9) Benzaldehyde	6.50	77	92066	58.41	ng	99
10) Phenol	6.58	94	154690	49.81	ng	97
11) bis(2-Chloroethyl)ether	6.68	93	105826	45.04	ng	98
12) 1,3-Dichlorobenzene	6.90	146	138352	50.29	ng	98
13) 1,4-Dichlorobenzene	6.98	146	133808	44.77	ng	98
14) 1,2-Dichlorobenzene	7.13	146	124375	44.81	ng	95
15) Benzyl Alcohol	7.09	79	112543	62.83	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	219402	53.69	ng	99
17) 2-Methylphenol	7.20	107	83757	44.41	ng	96
18) Hexachloroethane	7.48	117	46395	47.39	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	83571	52.25	ng	96
20) 3+4-Methylphenols	7.36	107	116420	44.00	ng	# 88
22) Acetophenone	7.37	105	157312	53.99	ng	98
24) Nitrobenzene	7.54	77	121307	50.96	ng	97
25) Isophorone	7.78	82	228723	55.97	ng	98
26) 2-Nitrophenol	7.86	139	29386	27.20	ng	90
27) 2,4-Dimethylphenol	7.89	122	91779	47.01	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	119027	53.06	ng	97
29) 2,4-Dichlorophenol	8.10	162	78792	47.72	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	103999	48.65	ng	93
31) Naphthalene	8.27	128	333343	50.69	ng	100
32) Benzoic acid	7.95	122	27314	32.32	ng	97
33) 4-Chloroaniline	8.32	127	126585	48.71	ng	94
34) Hexachlorobutadiene	8.40	225	62652	61.38	ng	96
35) Caprolactam	8.65	113	20853	50.63	ng	# 75
36) 4-Chloro-3-methylphenol	8.78	107	95790	55.16	ng	98
37) 2-Methylnaphthalene	9.06	142	179331	44.96	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	94073	53.70	ng	98
40) Hexachlorocyclopentadiene	9.12	237	43706	53.60	ng	93

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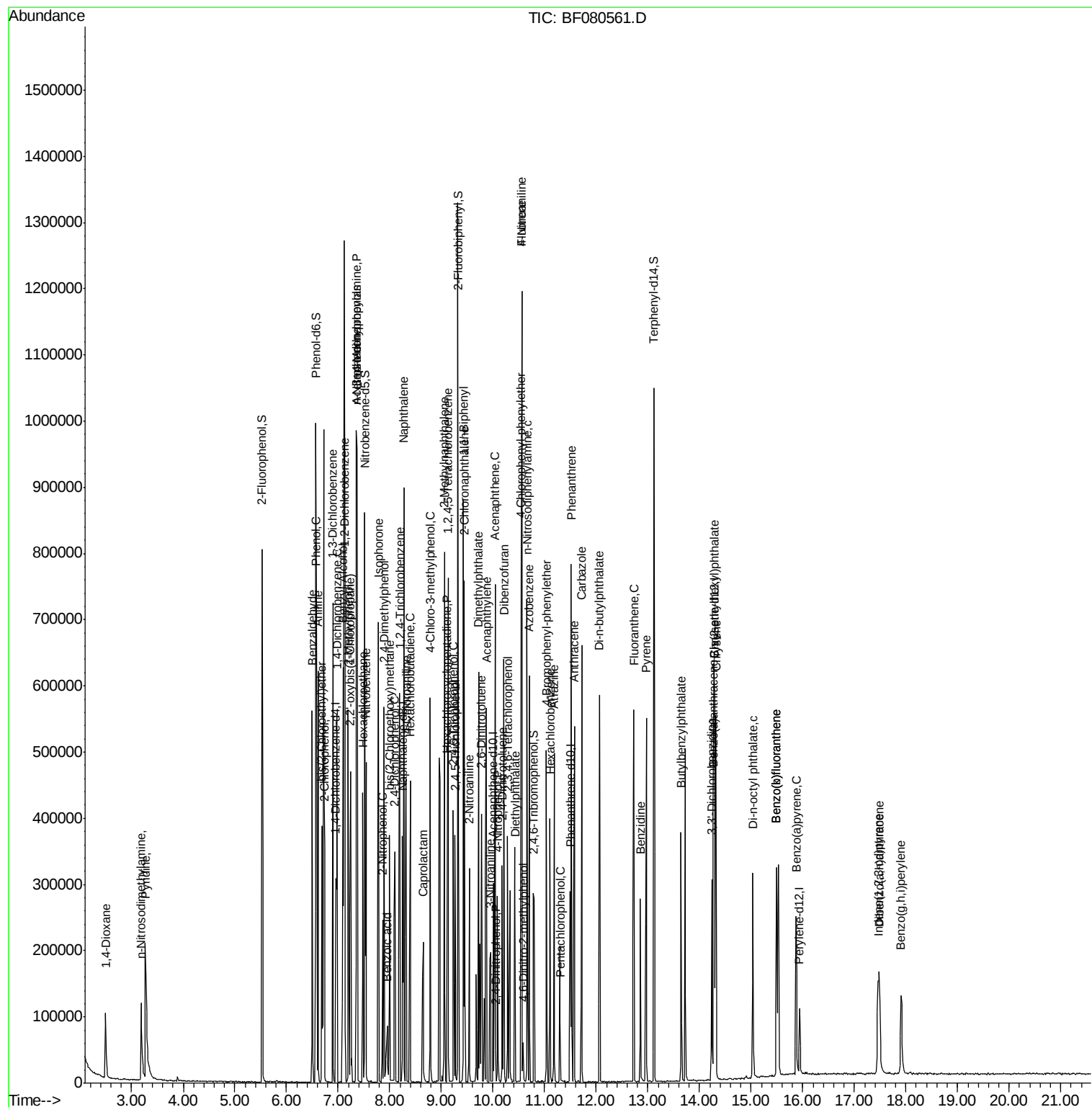
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	49233	50.36	ng	99
43) 2,4,5-Trichlorophenol	9.26	196	52076	48.36	ng	96
45) 1,1'-Biphenyl	9.42	154	227421	49.83	ng	98
46) 2-Chloronaphthalene	9.45	162	180172	53.45	ng	98
47) 2-Nitroaniline	9.54	65	43162	54.17	ng	97
48) Acenaphthylene	9.87	152	278186	50.26	ng	98
49) Dimethylphthalate	9.72	163	209993	56.83	ng	99
50) 2,6-Dinitrotoluene	9.78	165	32680	46.59	ng	86
51) Acenaphthene	10.04	154	162874	48.31	ng	98
52) 3-Nitroaniline	9.95	138	34227	44.13	ng	98
53) 2,4-Dinitrophenol	10.05	184	5428	19.63	ng	# 85
54) Dibenzofuran	10.21	168	241530	50.93	ng	99
55) 4-Nitrophenol	10.09	139	26003	44.80	ng	93
56) 2,4-Dinitrotoluene	10.18	165	34818	37.94	ng	# 88
57) Fluorene	10.56	166	192022	51.17	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	39920	53.83	ng	98
59) Diethylphthalate	10.43	149	180835	52.23	ng	# 91
60) 4-Chlorophenyl-phenylether	10.54	204	80670	48.36	ng	96
61) 4-Nitroaniline	10.56	138	35769	47.17	ng	86
62) Azobenzene	10.70	77	197710	55.45	ng	97
64) 4,6-Dinitro-2-methylphenol	10.59	198	8317	20.46	ng	88
65) n-Nitrosodiphenylamine	10.66	169	151118	49.71	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	44904	52.13	ng	97
67) Hexachlorobenzene	11.10	284	51917	50.75	ng	99
68) Atrazine	11.18	200	42917	57.06	ng	95
69) Pentachlorophenol	11.30	266	20885	49.74	ng	93
70) Phenanthrene	11.52	178	261161	51.43	ng	99
71) Anthracene	11.57	178	258374	52.29	ng	99
72) Carbazole	11.72	167	234909	52.96	ng	98
73) Di-n-butylphthalate	12.06	149	272840	58.30	ng	99
74) Fluoranthene	12.73	202	239649	50.69	ng	96
76) Benzidine	12.85	184	103329	52.60	ng	98
77) Pyrene	12.97	202	254681	54.84	ng	97
79) Butylbenzylphthalate	13.64	149	79503	55.90	ng	# 82
80) Benzo(a)anthracene	14.27	228	210268	53.05	ng	99
81) 3,3'-Dichlorobenzidine	14.24	252	59631	47.97	ng	# 93
82) Chrysene	14.32	228	209025	52.25	ng	98
83) Bis(2-ethylhexyl)phthalate	14.29	149	128370	58.15	ng	# 98
84) Di-n-octyl phthalate	15.04	149	164712	53.00	ng	97
85) Indeno(1,2,3-cd)pyrene	17.46	276	135100	34.70	ng	99
87) Benzo(b)fluoranthene	15.49	252	141854	47.30	ng	# 98
88) Benzo(k)fluoranthene	15.49	252	141854	54.57	ng	98
89) Benzo(a)pyrene	15.87	252	139475	54.76	ng	94
90) Dibenzo(a,h)anthracene	17.48	278	110513	45.02	ng	97
91) Benzo(g,h,i)perylene	17.91	276	110142	44.43	ng	97

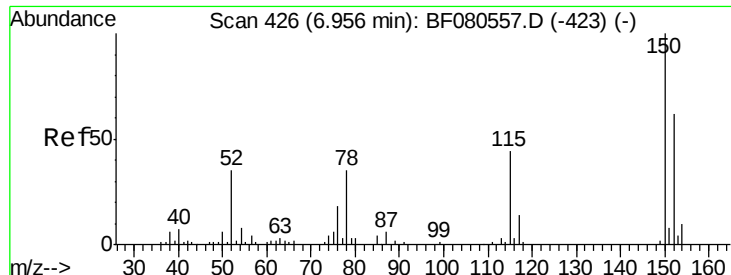
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

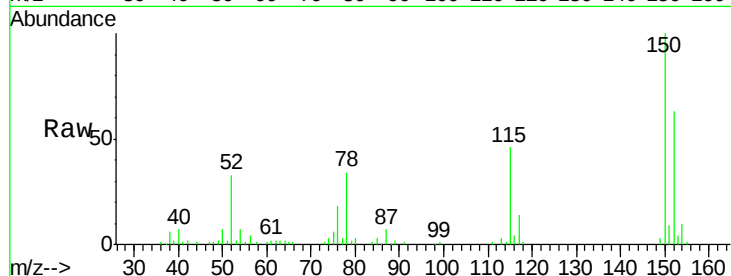
Tgt Ion:152 Resp: 36484

Ion Ratio Lower Upper

152 100

150 158.6 128.7 193.1

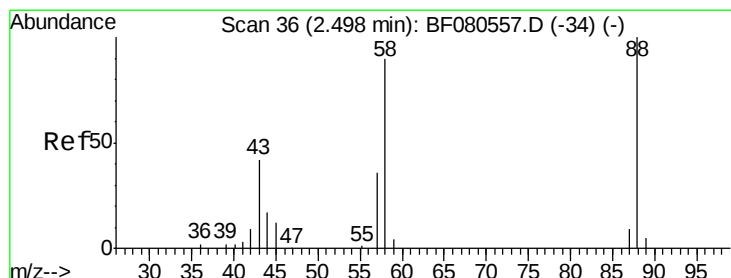
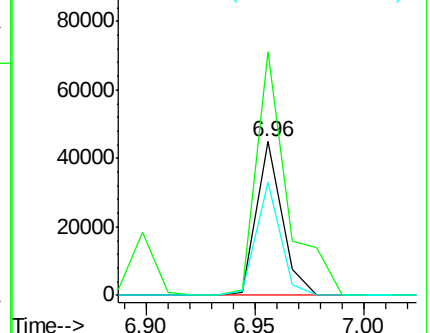
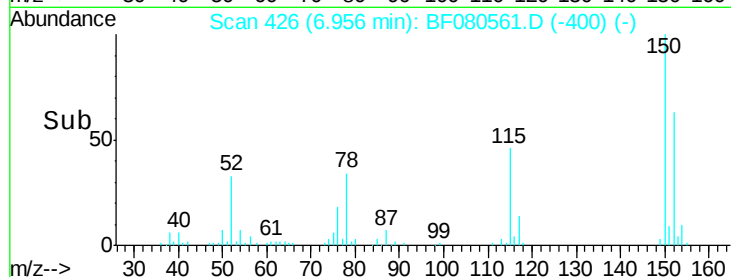
115 73.3 56.8 85.2



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: 50.71 ng

RT: 2.50 min Scan# 36

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

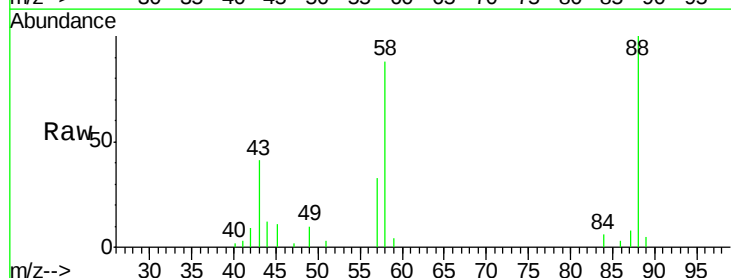
Tgt Ion: 88 Resp: 50311

Ion Ratio Lower Upper

88 100

58 87.8 0.0 0.0#

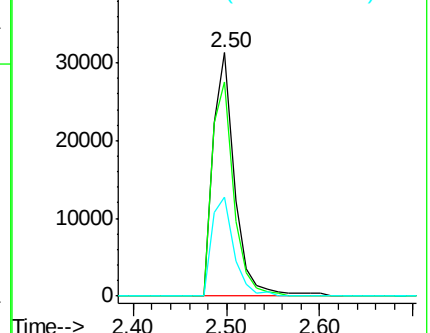
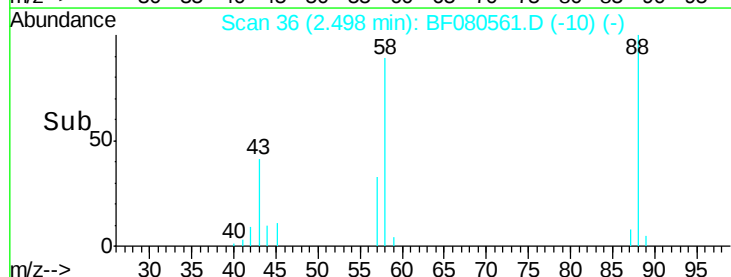
43 41.6 0.0 0.0#

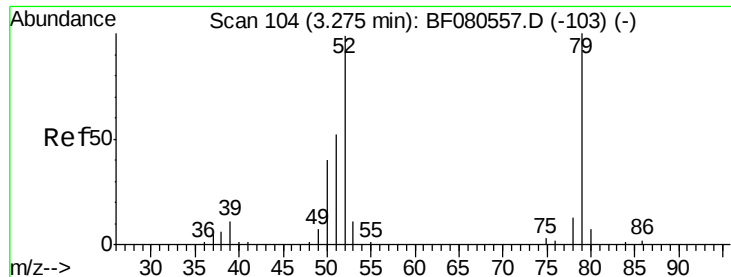


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 66.96 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF080561.D

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SSTDICC050

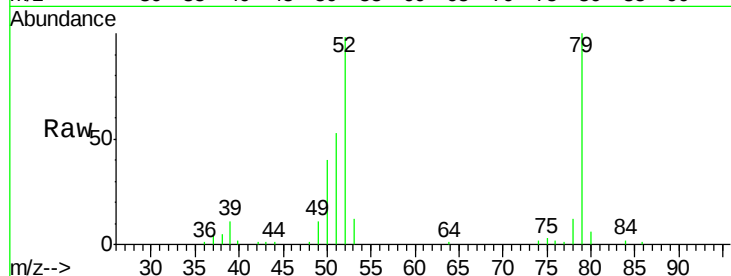
Tgt Ion: 79 Resp: 140446

Ion Ratio Lower Upper

79 100

52 98.1 79.6 119.4

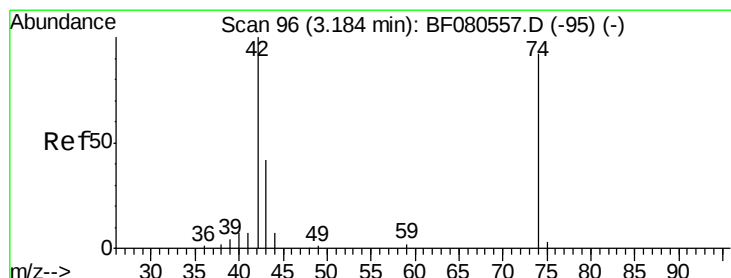
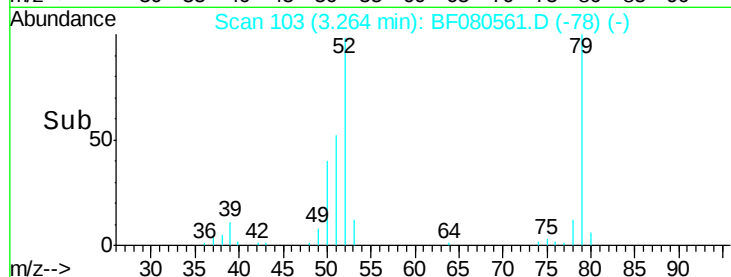
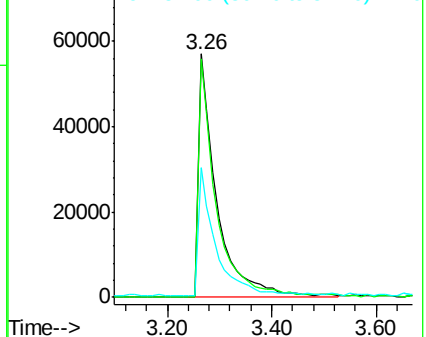
51 53.0 44.5 66.7



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: 55.90 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

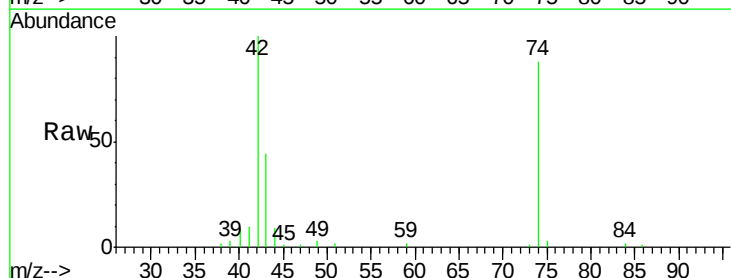
Tgt Ion: 42 Resp: 74549

Ion Ratio Lower Upper

42 100

74 88.3 72.6 108.8

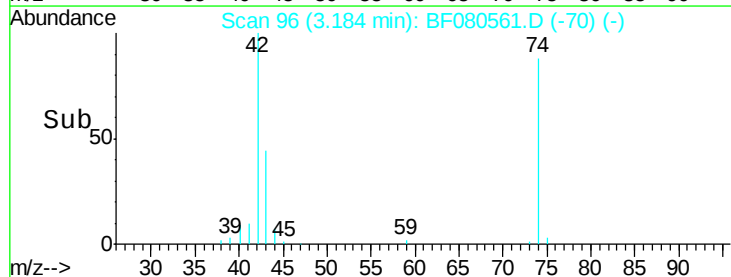
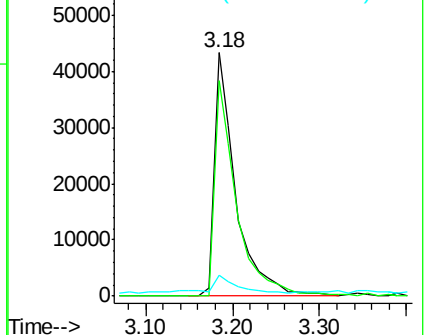
44 8.6 10.4 15.6#

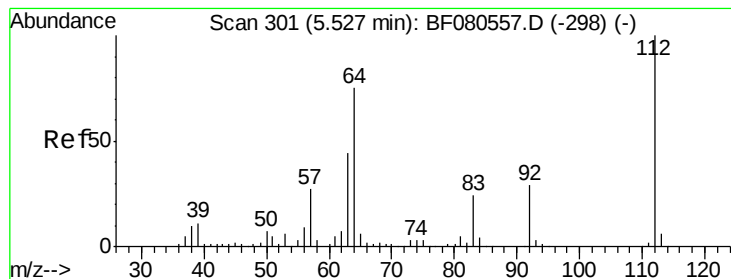


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 89.04 ng

RT: 5.53 min Scan# 301

Delta R.T. -0.00 min

Lab File: BF080561.D

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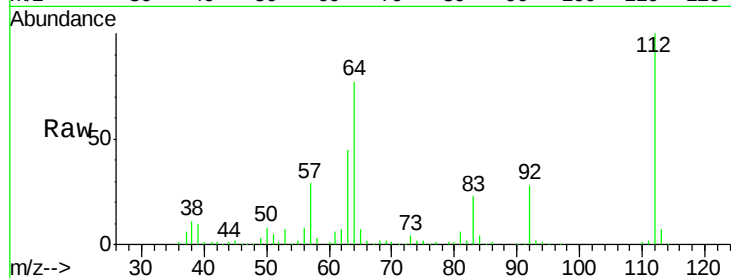
Tgt Ion: 112 Resp: 205278

Ion Ratio Lower Upper

112 100

64 77.0 60.2 90.2

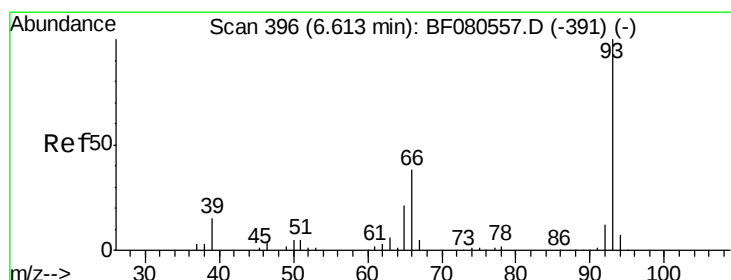
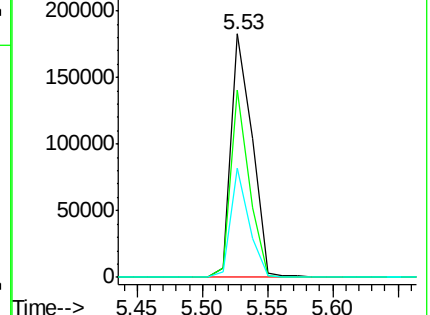
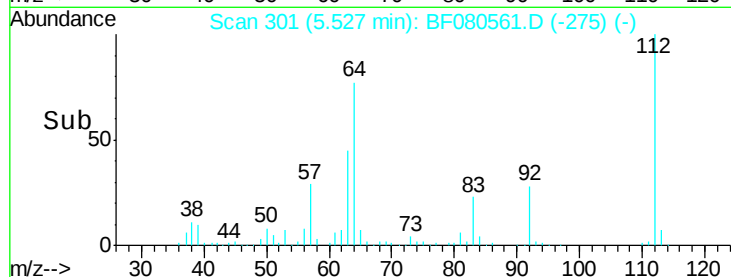
63 44.6 34.8 52.2



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 53.40 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

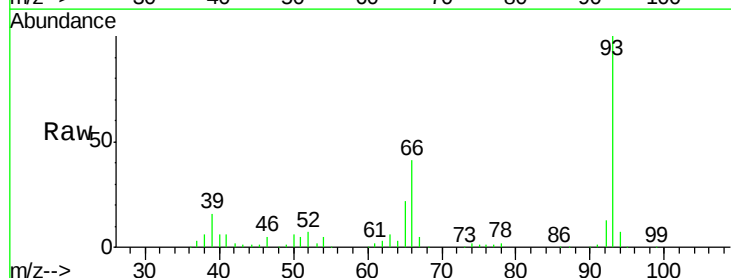
Tgt Ion: 93 Resp: 189510

Ion Ratio Lower Upper

93 100

66 41.3 33.1 49.7

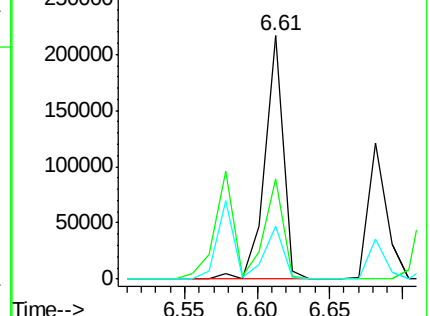
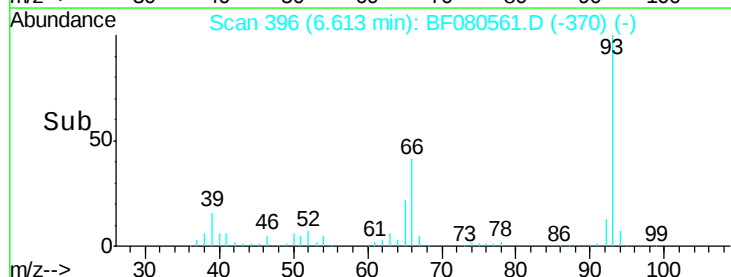
65 22.0 17.2 25.8

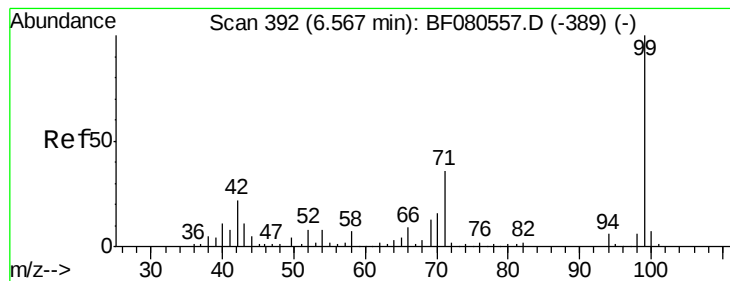


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.32 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

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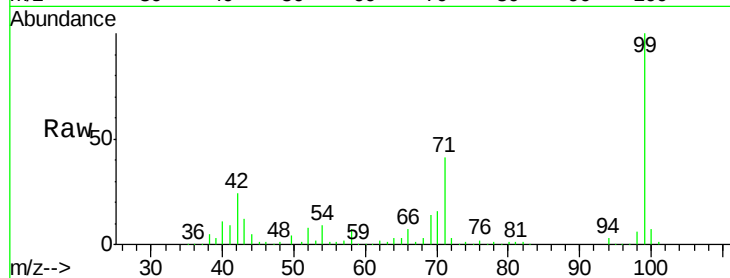
Tgt Ion: 99 Resp: 263424

Ion Ratio Lower Upper

99 100

42 24.1 17.4 26.2

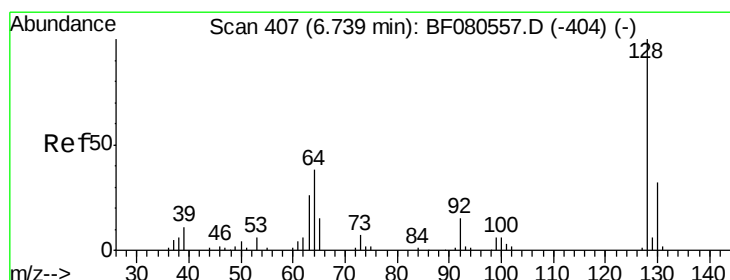
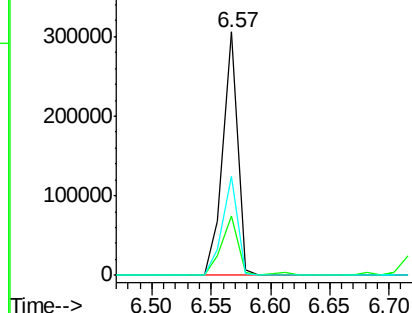
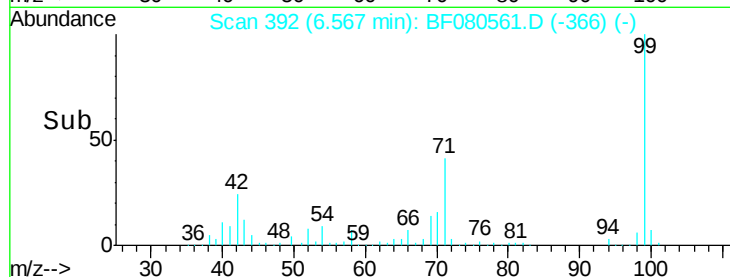
71 40.8 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.48 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

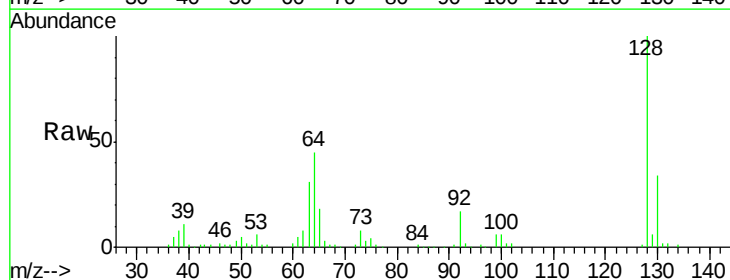
Tgt Ion: 128 Resp: 107680

Ion Ratio Lower Upper

128 100

130 33.7 11.8 51.8

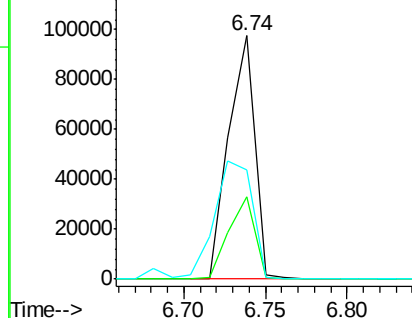
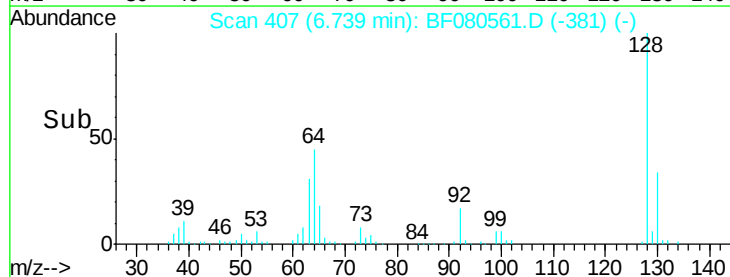
64 45.0 20.2 60.2

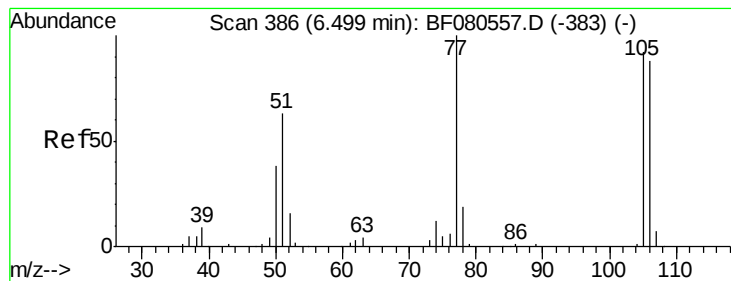


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 58.41 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

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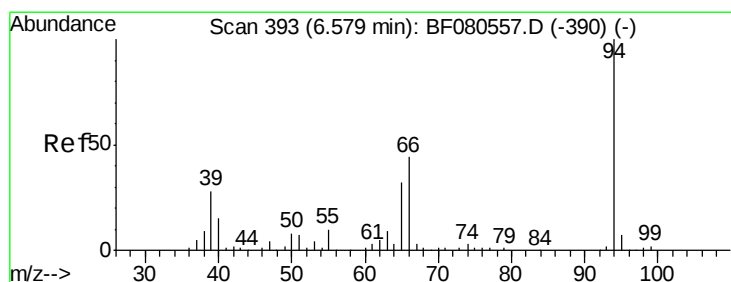
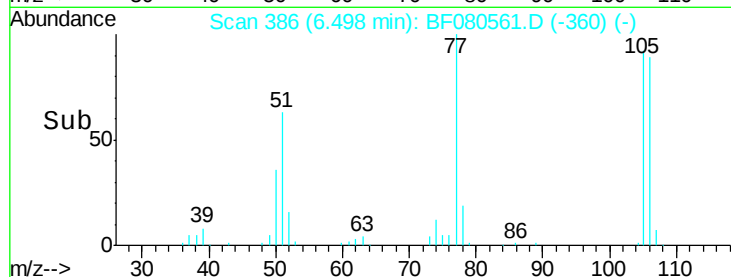
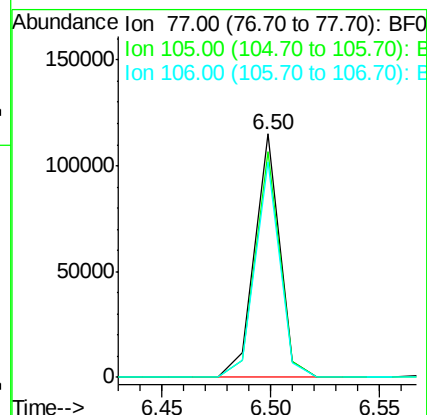
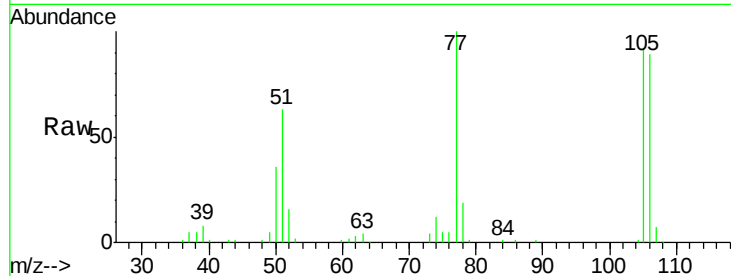
Tgt Ion: 77 Resp: 92066

Ion Ratio Lower Upper

77 100

105 92.5 72.3 112.3

106 88.6 67.5 107.5



#10

Phenol

Concen: 49.81 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

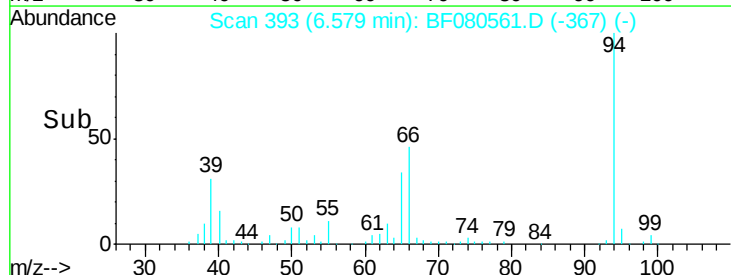
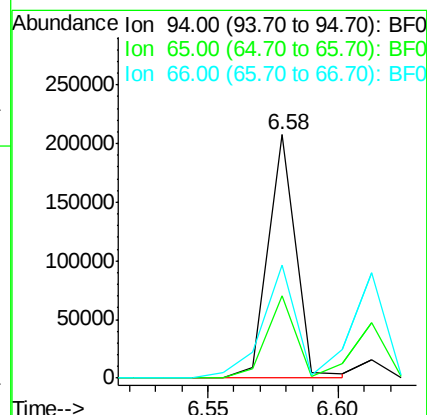
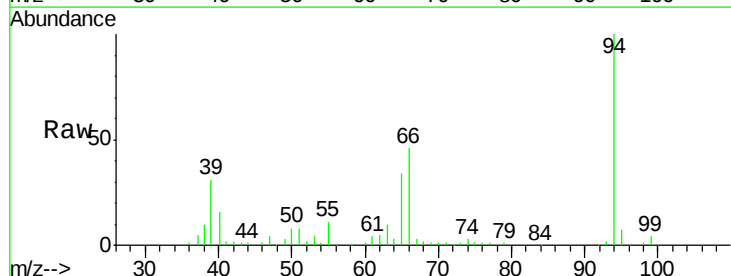
Tgt Ion: 94 Resp: 154690

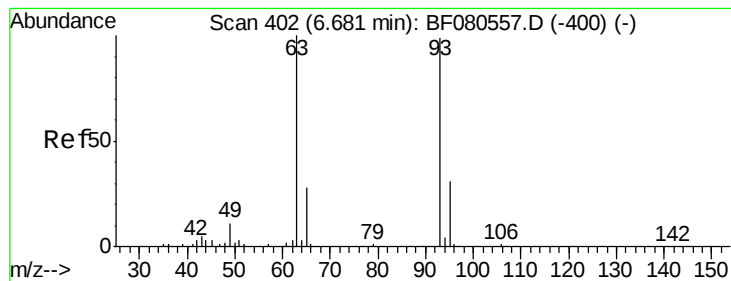
Ion Ratio Lower Upper

94 100

65 33.9 12.1 52.1

66 46.4 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 45.04 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

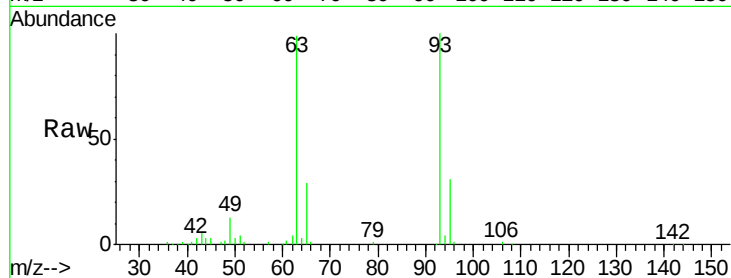
Tgt Ion: 93 Resp: 105826

Ion Ratio Lower Upper

93 100

63 98.5 80.5 120.5

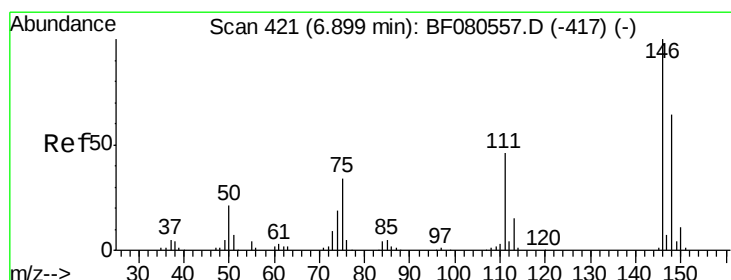
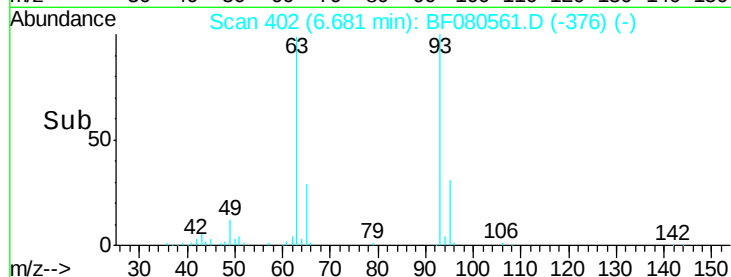
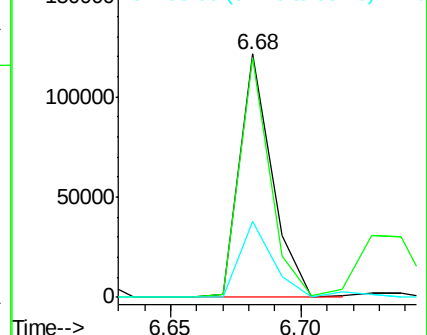
95 31.2 11.2 51.2



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: 50.29 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

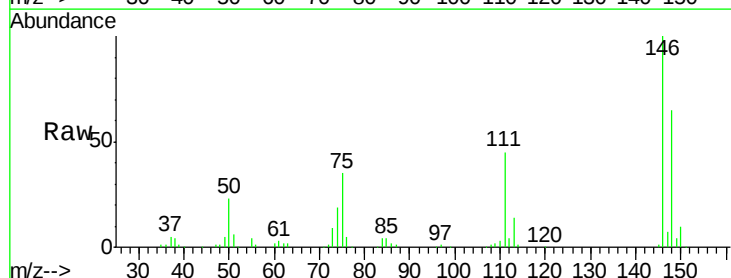
Tgt Ion: 146 Resp: 138352

Ion Ratio Lower Upper

146 100

148 64.5 50.9 76.3

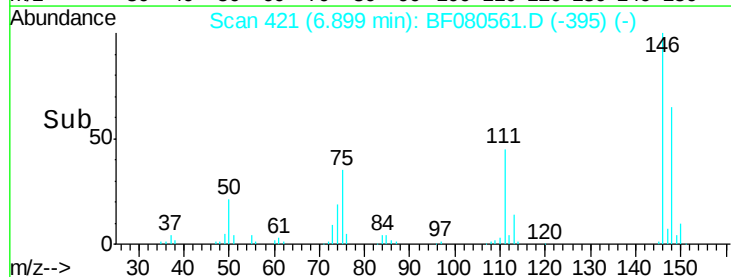
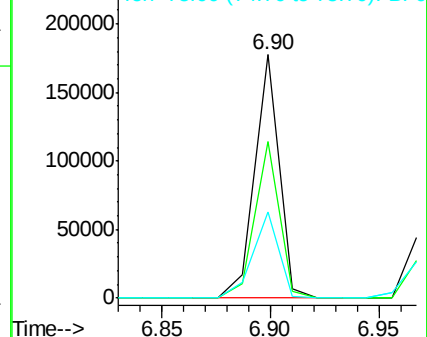
75 35.2 27.1 40.7

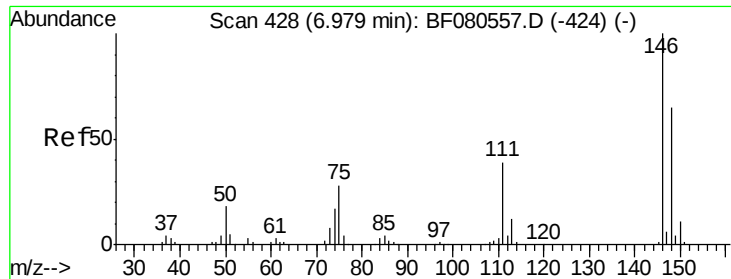


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

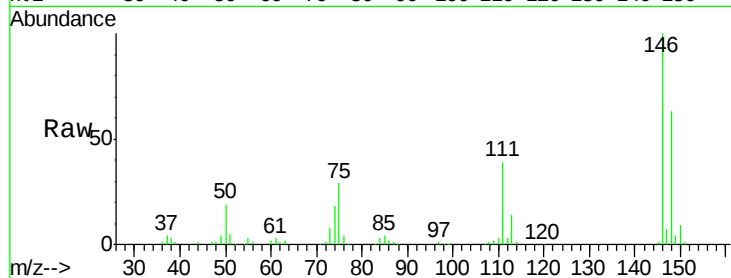




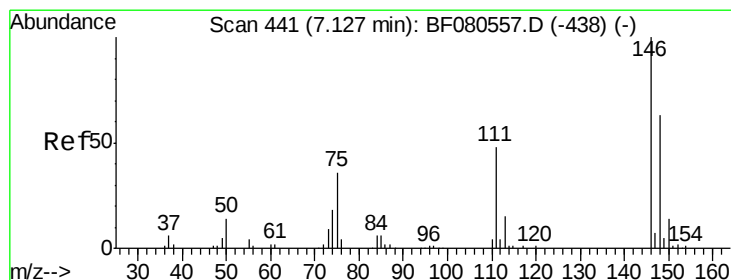
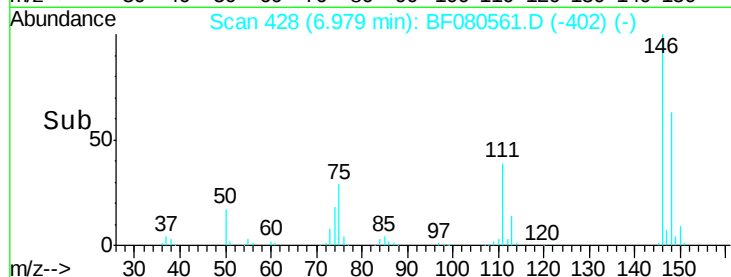
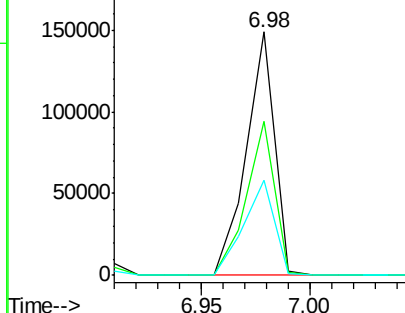
#13
 1,4-Dichlorobenzene
 Concen: 44.77 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:146 Resp: 133808
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.0 78.0
 111 38.9 31.4 47.2

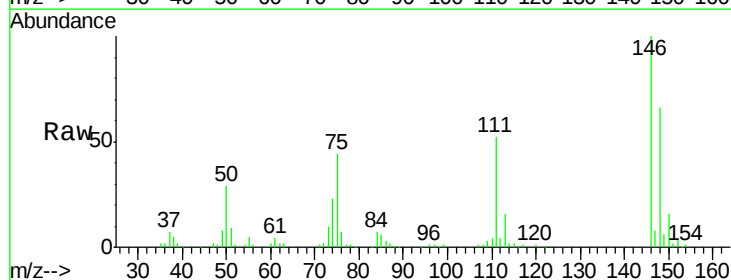


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

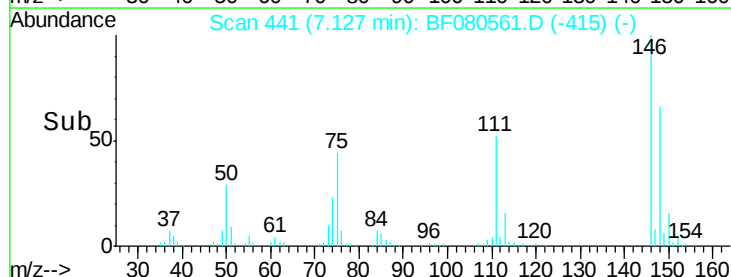
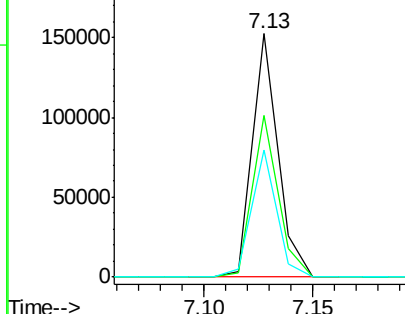


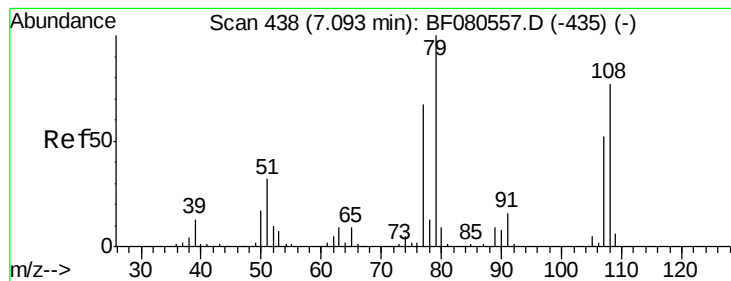
#14
 1,2-Dichlorobenzene
 Concen: 44.81 ng
 RT: 7.13 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Tgt Ion:146 Resp: 124375
 Ion Ratio Lower Upper
 146 100
 148 66.3 50.3 75.5
 111 52.0 38.2 57.2



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





#15

Benzyl Alcohol

Concen: 62.83 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

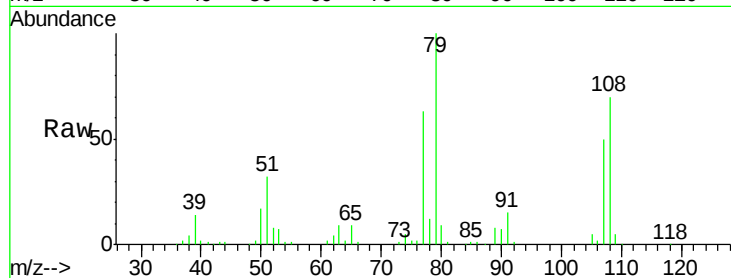
Tgt Ion: 79 Resp: 112543

Ion Ratio Lower Upper

79 100

108 70.1 61.5 92.3

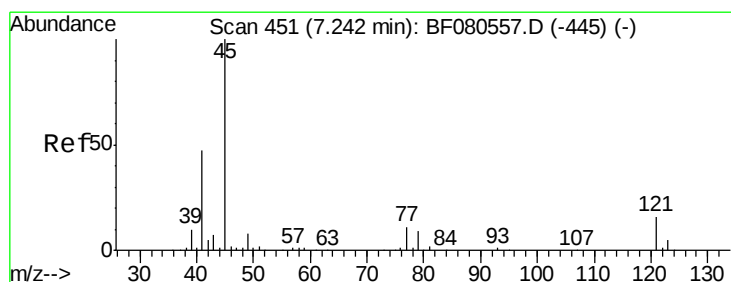
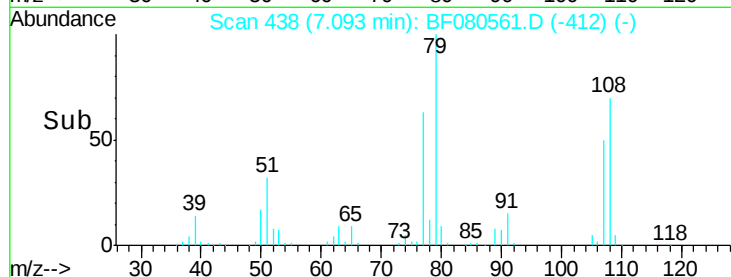
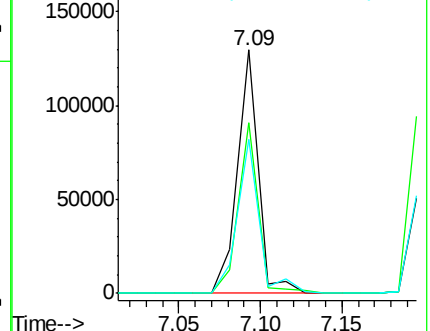
77 63.2 53.6 80.4



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: 53.69 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

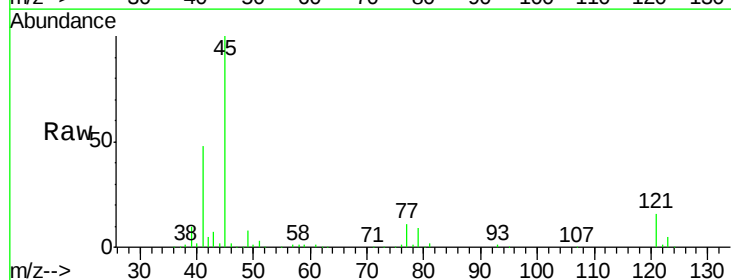
Tgt Ion: 45 Resp: 219402

Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.8

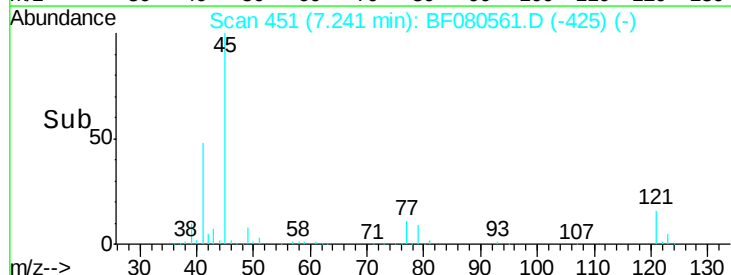
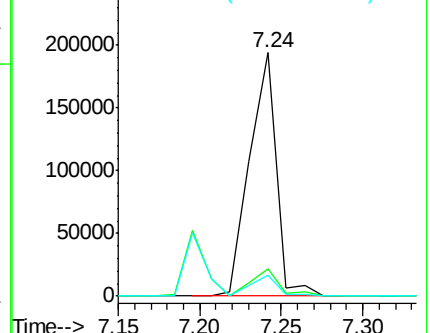
79 8.8 0.0 28.6

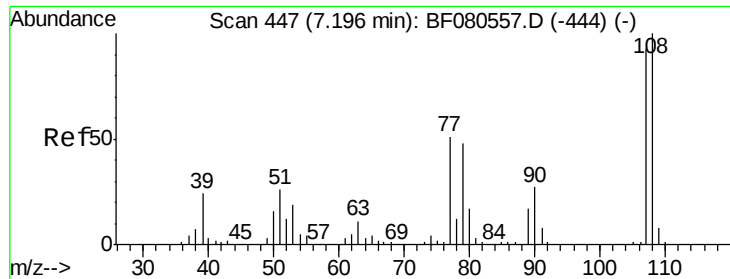


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

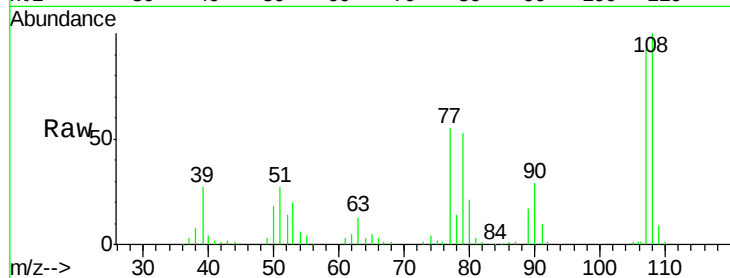




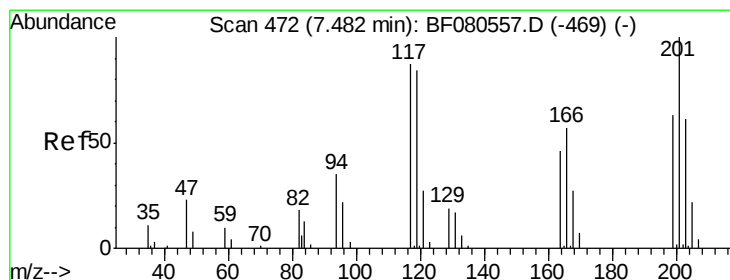
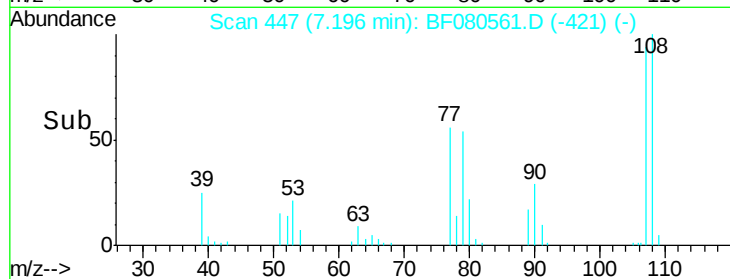
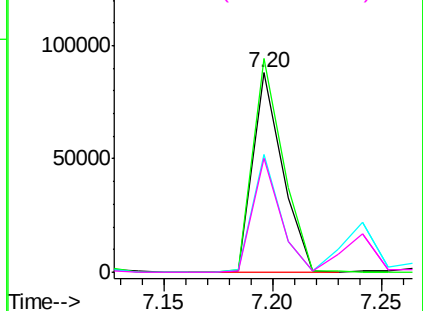
#17
2-Methylphenol
Concen: 44.41 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF080561.D
Acq: 22 Jul 2015 17:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:107 Resp: 83757
Ion Ratio Lower Upper
107 100
108 107.0 86.0 129.0
77 59.2 43.4 65.2
79 57.2 41.2 61.8

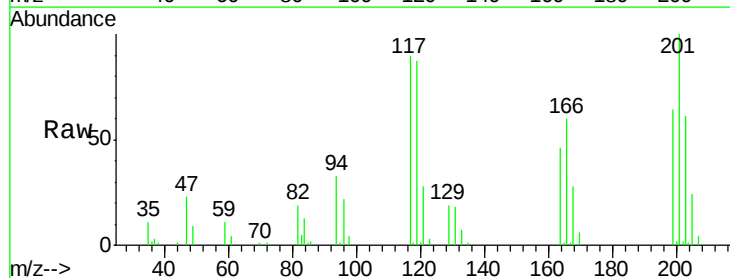


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

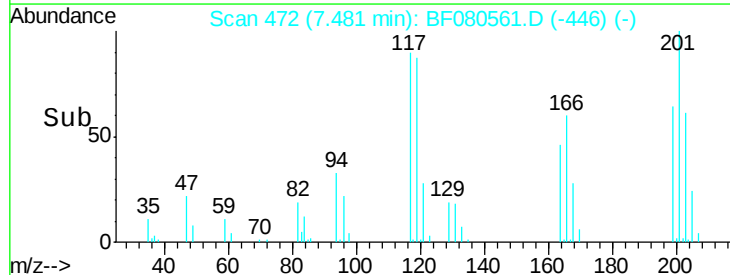
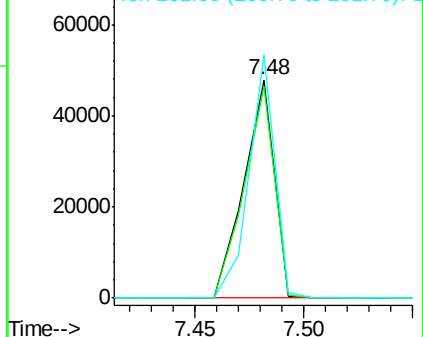


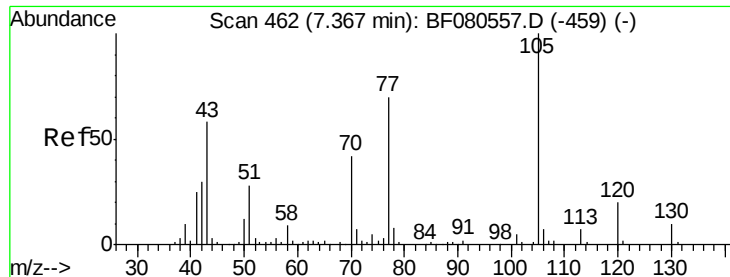
#18
Hexachloroethane
Concen: 47.39 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080561.D
Acq: 22 Jul 2015 17:15

Tgt Ion:117 Resp: 46395
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7
201 111.6 91.6 137.4



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

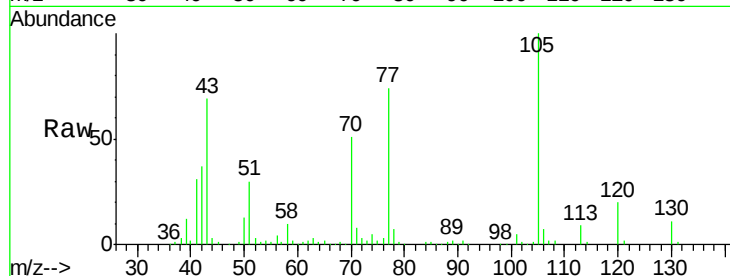




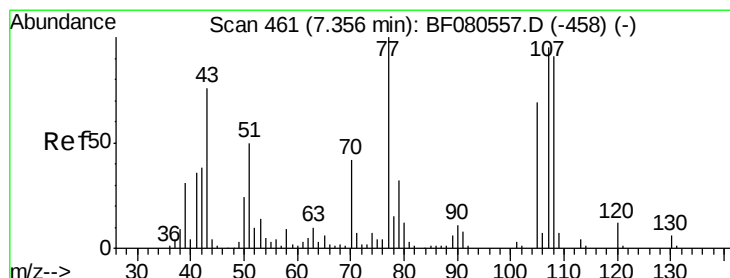
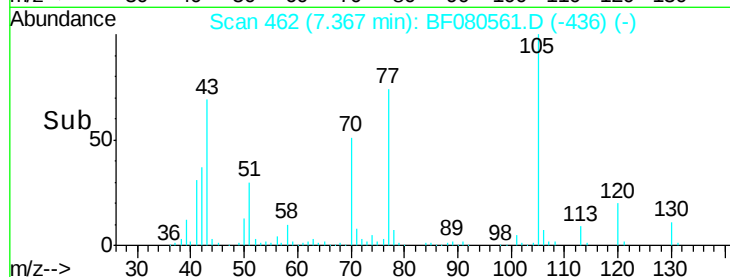
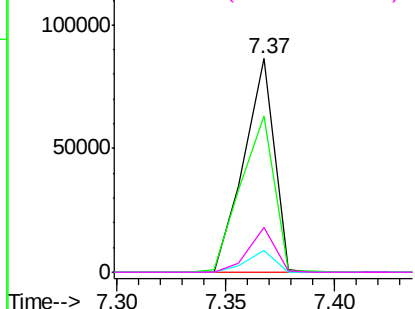
#19
n-Nitroso-di-n-propylamine
Concen: 52.25 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080561.D
Acq: 22 Jul 2015 17:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 70 Resp: 83571
Ion Ratio Lower Upper
70 100
42 72.9 56.6 85.0
101 10.1 9.7 14.5
130 21.0 19.1 28.7

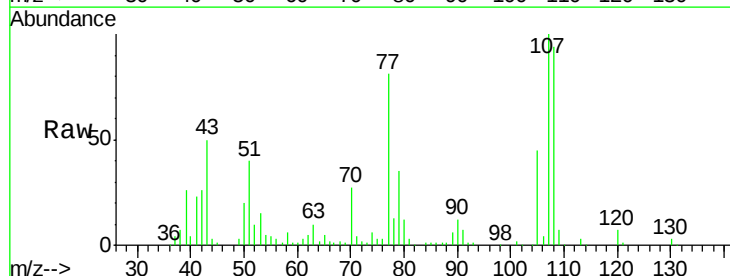


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

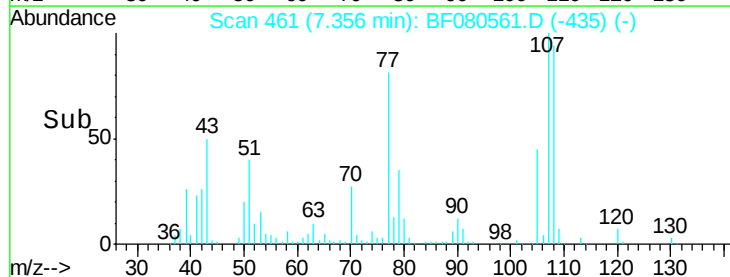
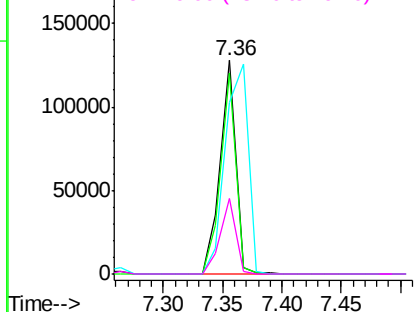


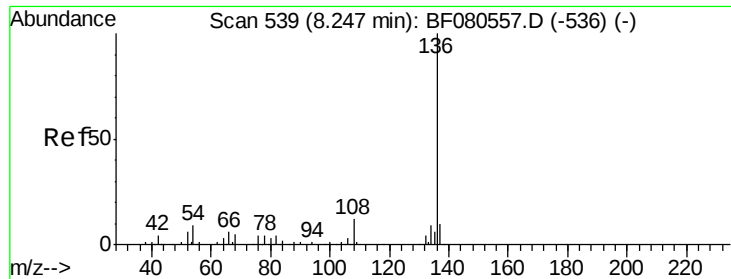
#20
3+4-Methylphenols
Concen: 44.00 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF080561.D
Acq: 22 Jul 2015 17:15

Tgt Ion: 107 Resp: 116420
Ion Ratio Lower Upper
107 100
108 94.1 75.6 115.6
77 80.5 84.7 124.7#
79 35.4 13.8 53.8



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: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 132284

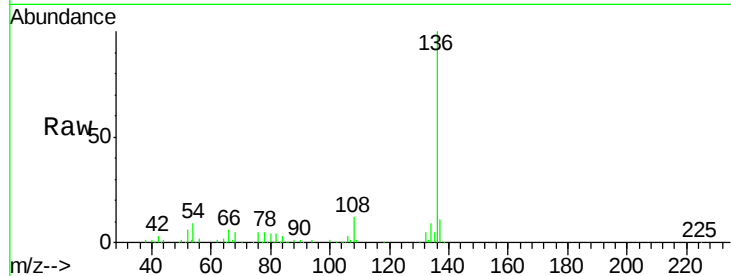
Ion Ratio Lower Upper

136 100

137 10.9 7.8 11.8

54 9.2 7.2 10.8

68 4.5 3.8 5.6

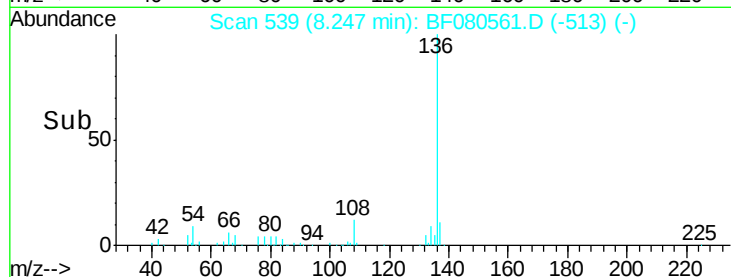


Abundance Ion 136.00 (135.70 to 136.70): E

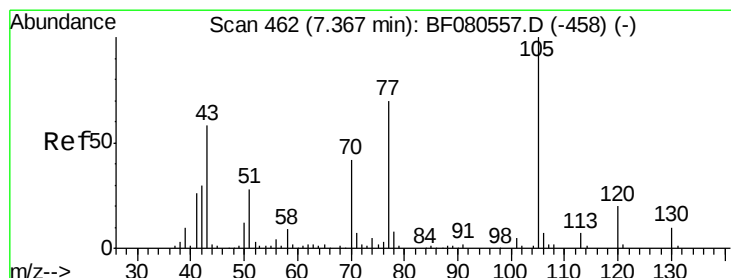
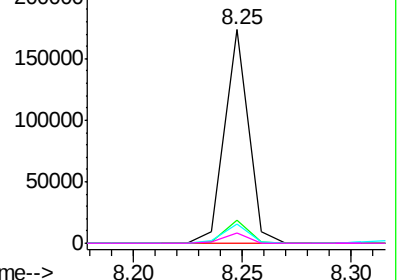
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 53.99 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

Tgt Ion:105 Resp: 157312

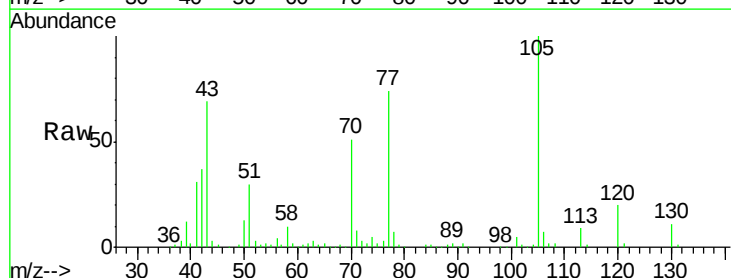
Ion Ratio Lower Upper

105 100

71 7.8 5.5 8.3

51 30.0 23.0 34.4

120 20.1 15.8 23.8

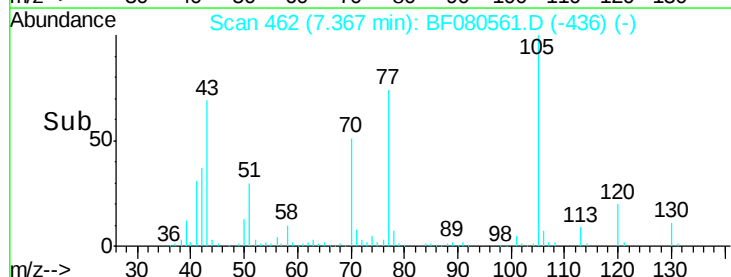


Abundance Ion 105.00 (104.70 to 105.70): E

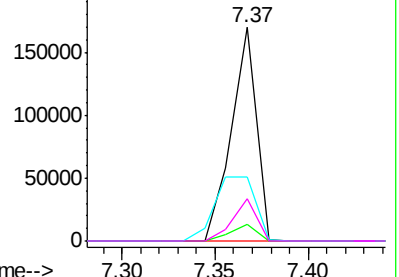
Ion 71.00 (70.70 to 71.70): BF0

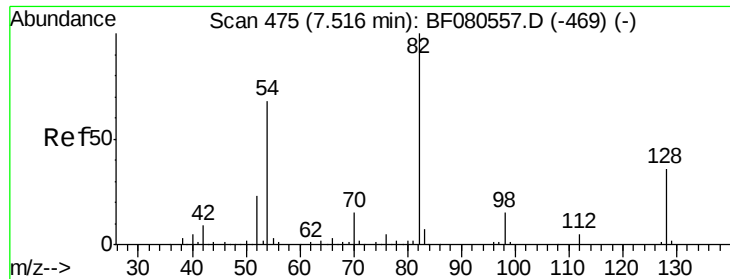
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

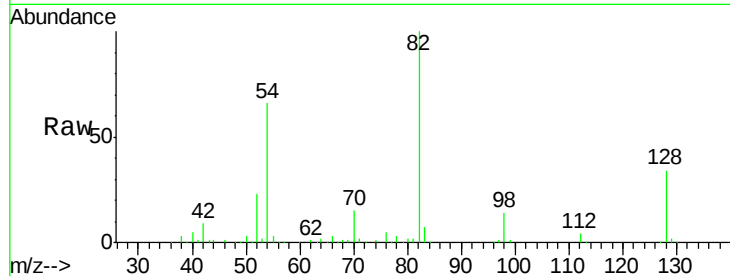




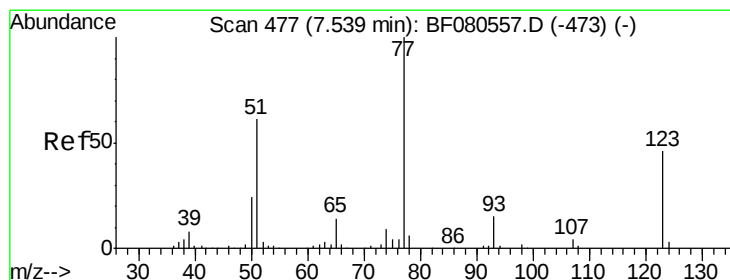
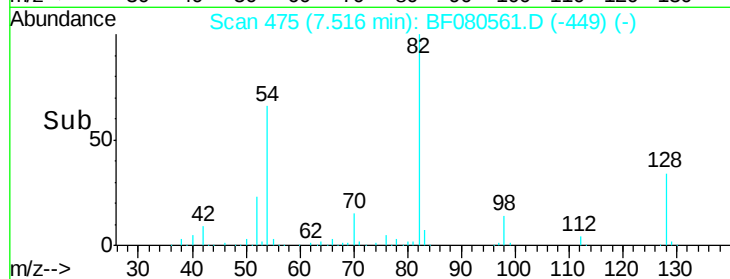
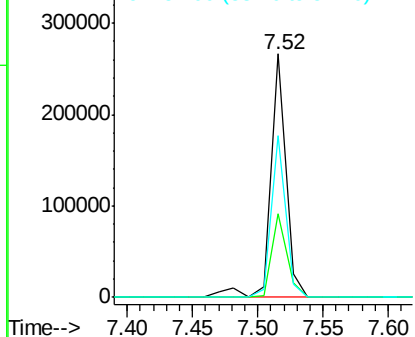
#23
 Nitrobenzene-d5
 Concen: 104.69 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.4	28.9	43.3
54	66.4	54.5	81.7

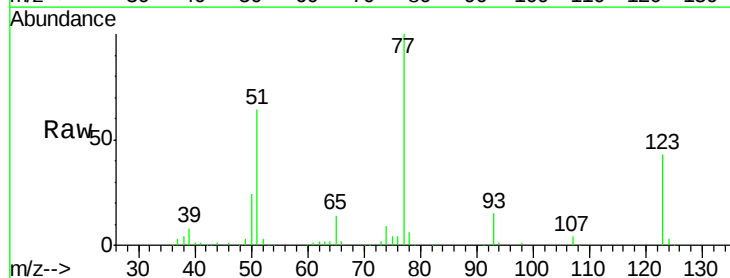


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

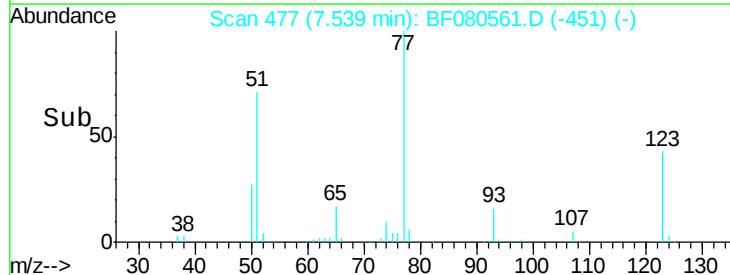
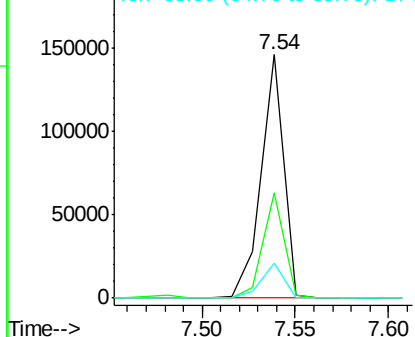


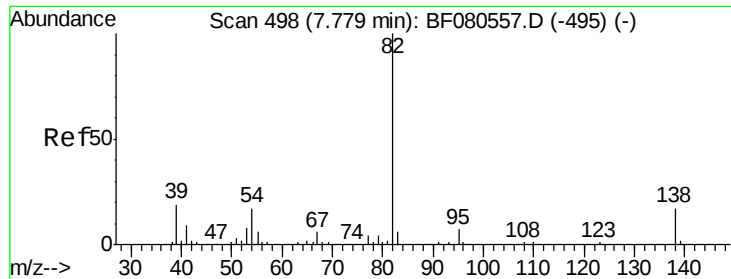
#24
 Nitrobenzene
 Concen: 50.96 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	37.1	55.7
65	14.4	11.4	17.2



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: 55.97 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

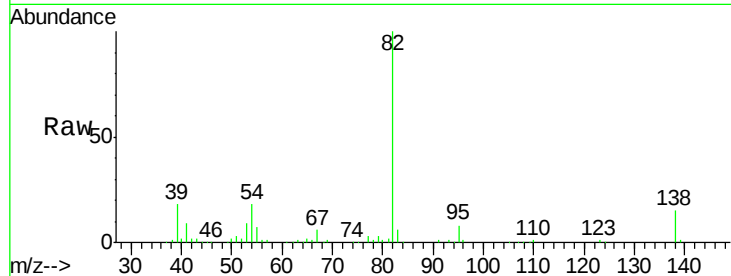
Tgt Ion: 82 Resp: 228723

Ion Ratio Lower Upper

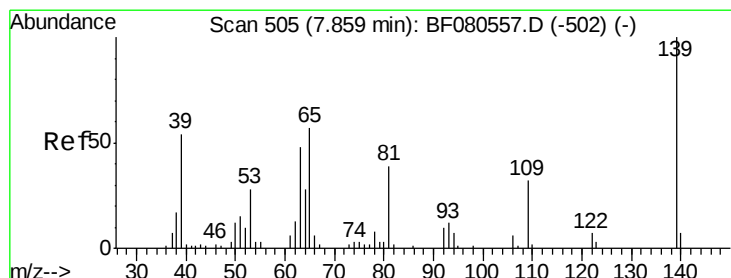
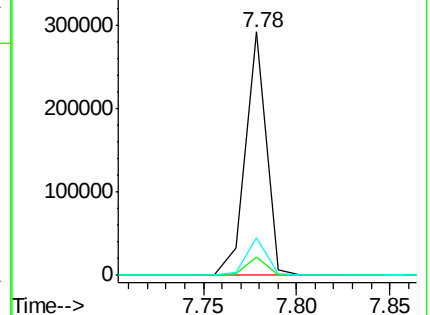
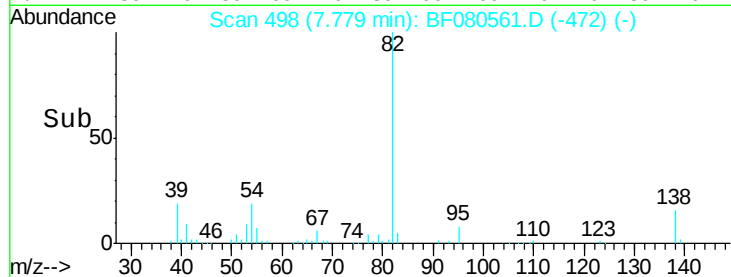
82 100

95 7.8 5.9 8.9

138 15.5 13.4 20.2



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: 27.20 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

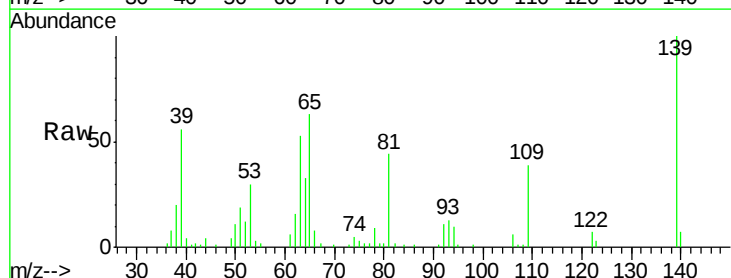
Tgt Ion: 139 Resp: 29386

Ion Ratio Lower Upper

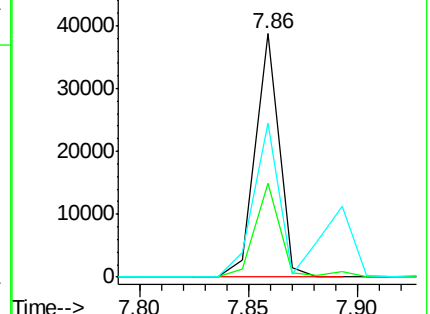
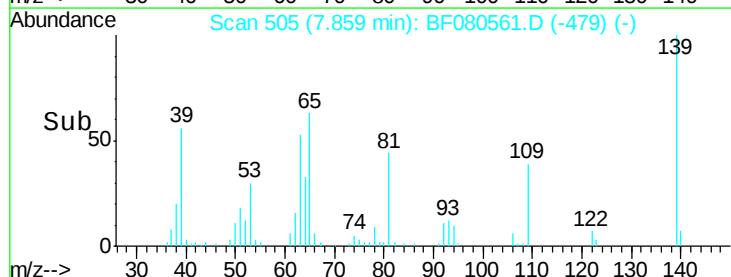
139 100

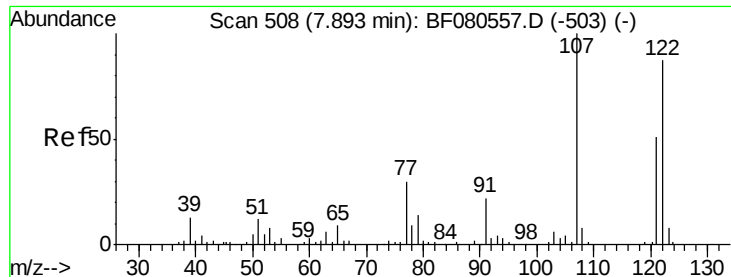
109 38.8 26.0 39.0

65 63.3 45.4 68.0



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

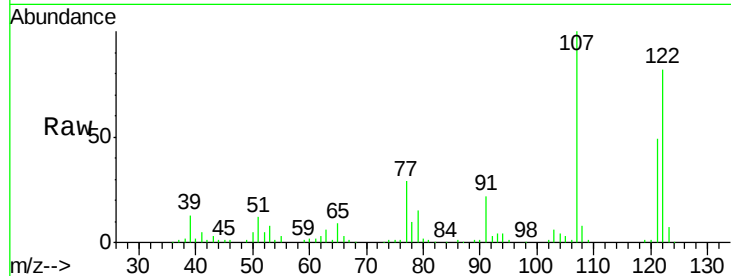




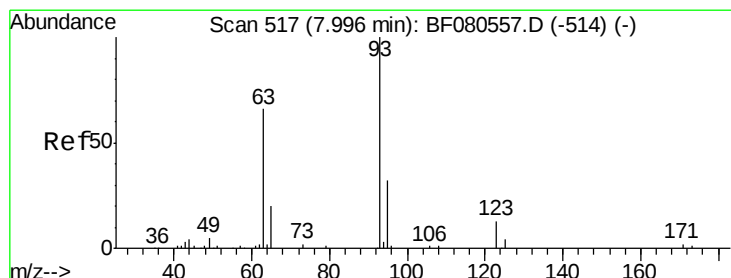
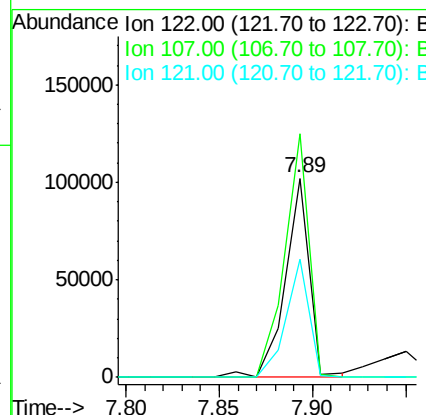
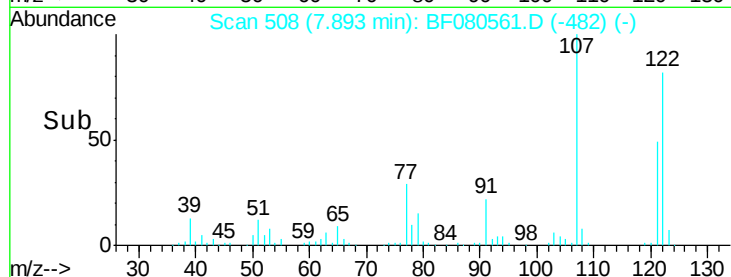
#27
 2,4-Dimethylphenol
 Concen: 47.01 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:122 Resp: 91779
 Ion Ratio Lower Upper
 122 100
 107 122.2 92.3 138.5
 121 59.5 47.1 70.7

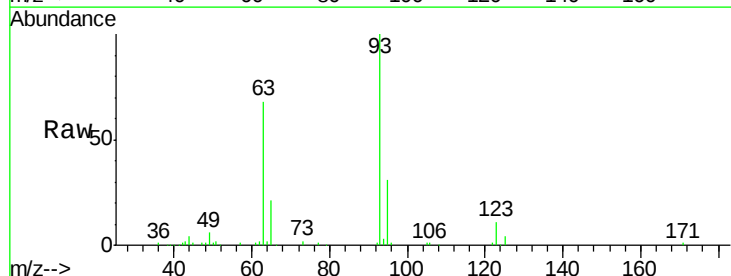


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

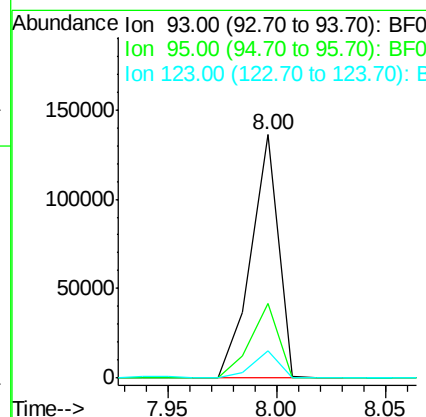
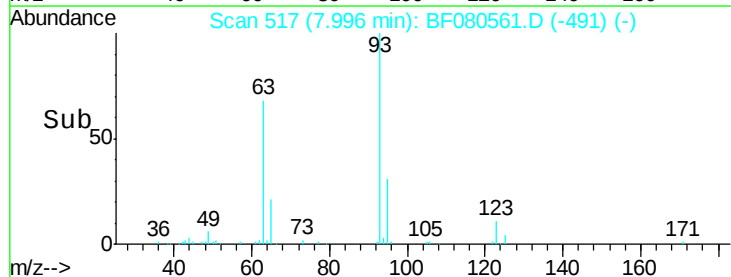


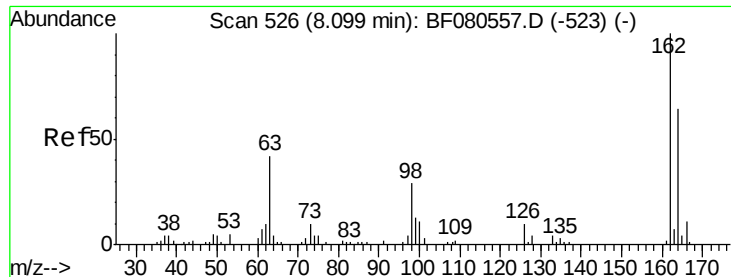
#28
 bis(2-Chloroethoxy)methane
 Concen: 53.06 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Tgt Ion: 93 Resp: 119027
 Ion Ratio Lower Upper
 93 100
 95 30.8 25.9 38.9
 123 11.4 10.3 15.5



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

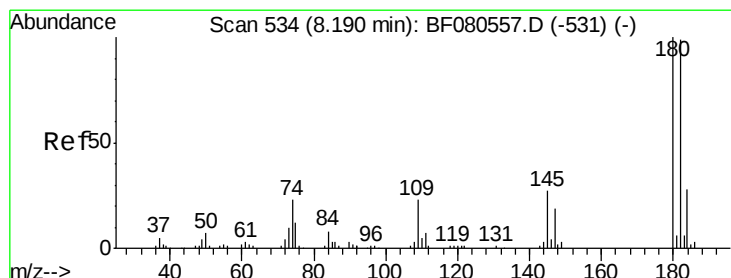
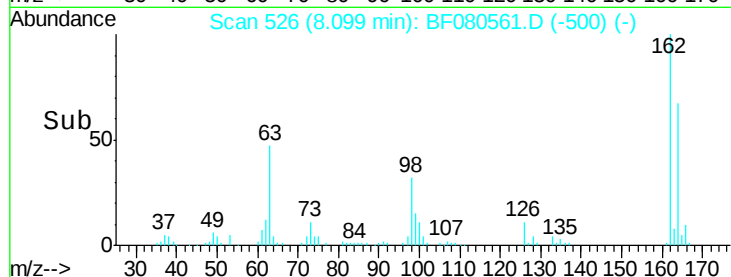
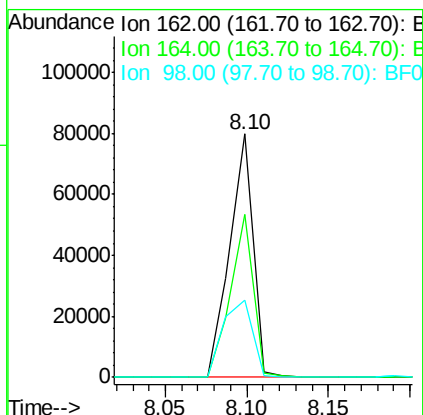
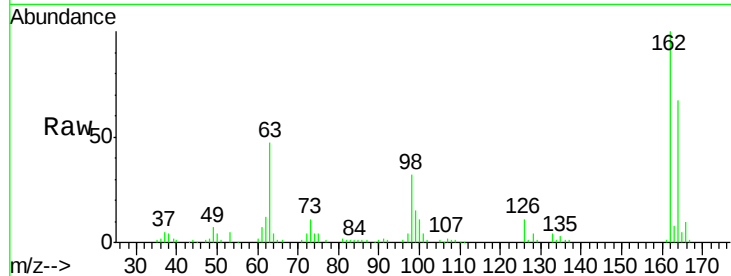




#29
 2,4-Dichlorophenol
 Concen: 47.72 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

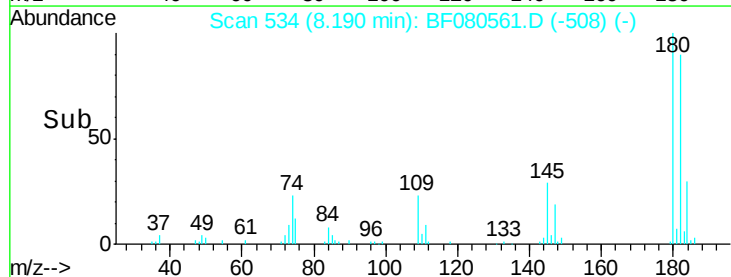
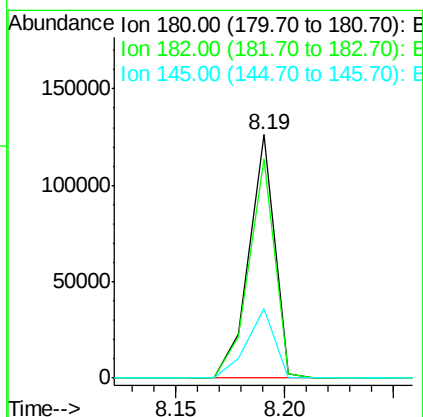
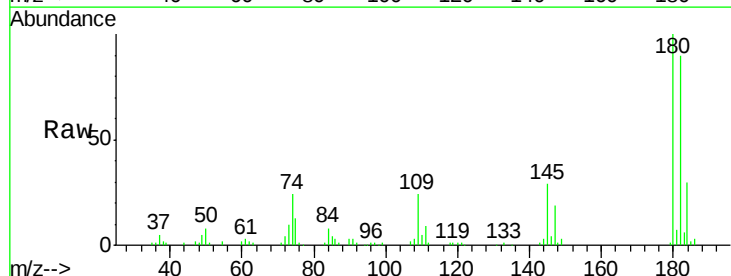
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

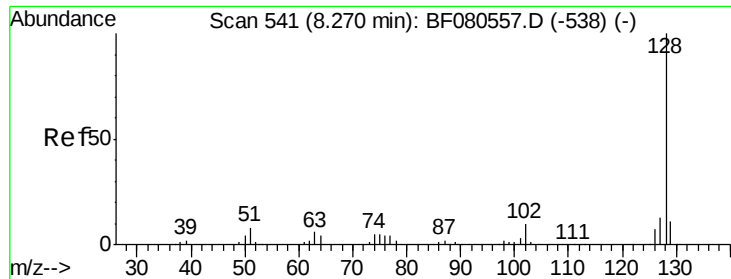
Tgt Ion:162 Resp: 78792
 Ion Ratio Lower Upper
 162 100
 164 67.2 44.1 84.1
 98 31.5 8.9 48.9



#30
 1,2,4-Trichlorobenzene
 Concen: 48.65 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Tgt Ion:180 Resp: 103999
 Ion Ratio Lower Upper
 180 100
 182 90.0 79.0 118.4
 145 28.7 22.0 33.0

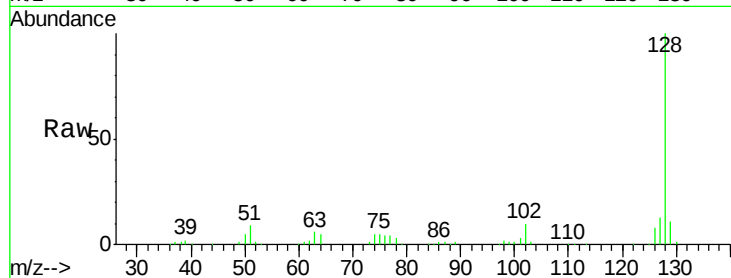




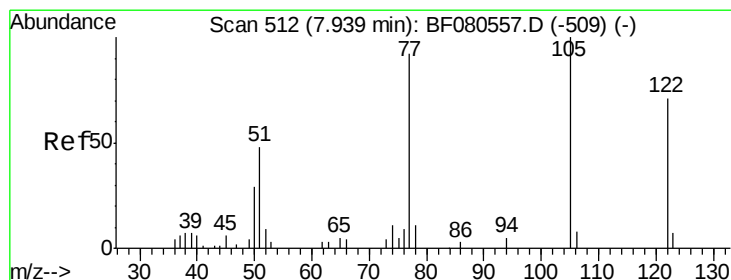
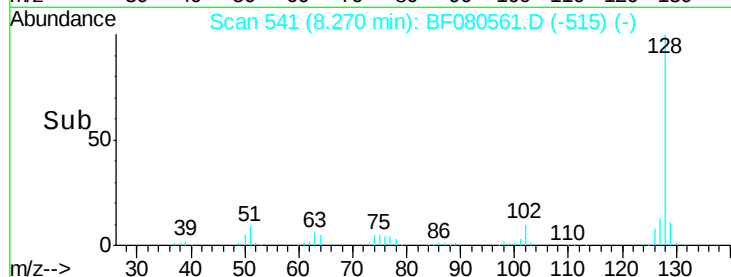
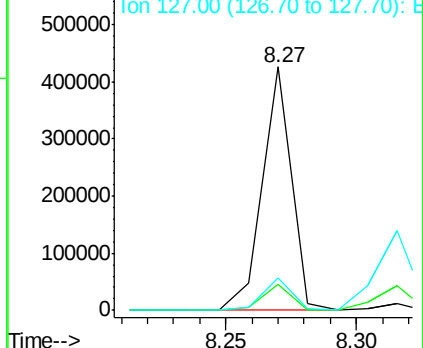
#31
Naphthalene
Concen: 50.69 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF080561.D
Acq: 22 Jul 2015 17:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 333343
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.7 16.1

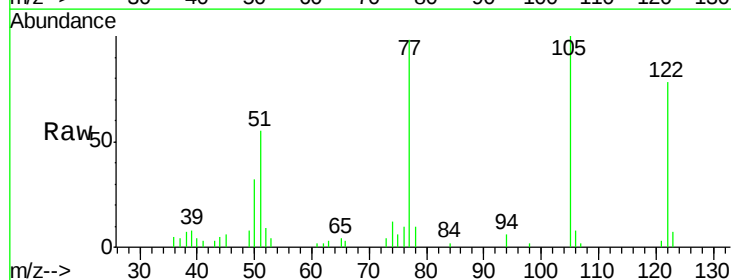


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

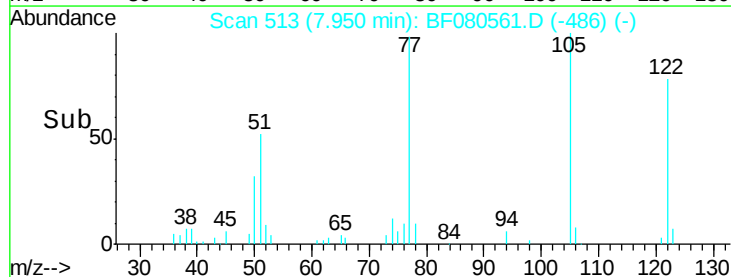
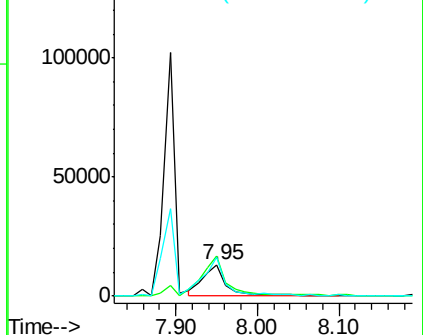


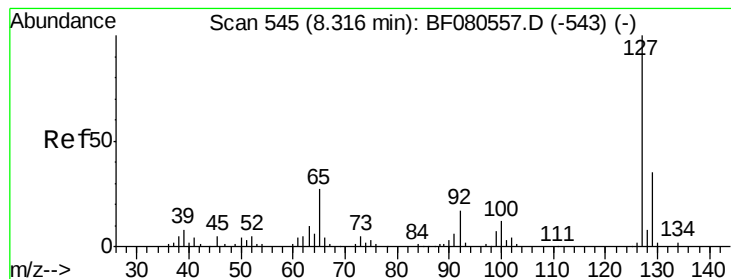
#32
Benzoic acid
Concen: 32.32 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF080561.D
Acq: 22 Jul 2015 17:15

Tgt Ion:122 Resp: 27314
Ion Ratio Lower Upper
122 100
105 128.5 112.5 152.5
77 125.5 102.5 142.5



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: 48.71 ng

RT: 8.32 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:127 Resp: 126585

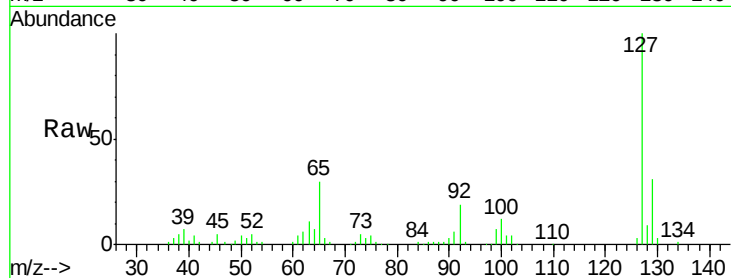
Ion Ratio Lower Upper

127 100

129 31.3 27.8 41.6

65 30.3 21.2 31.8

92 19.3 13.9 20.9

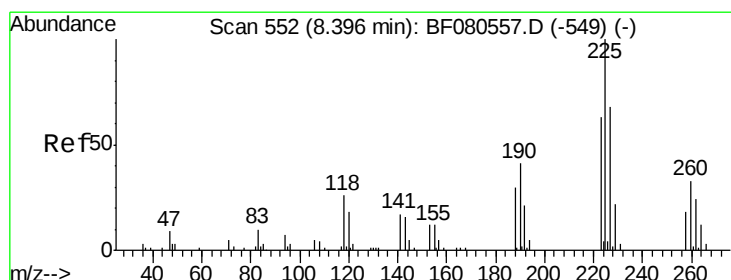
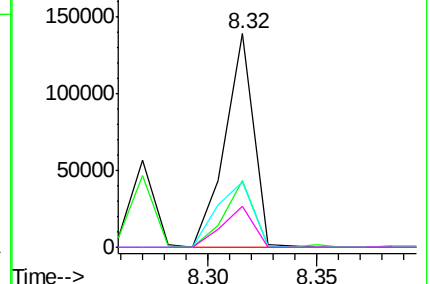
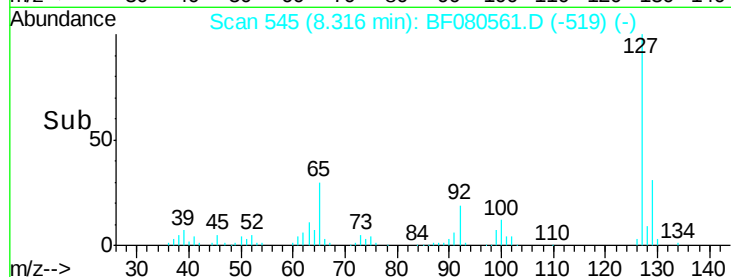


Abundance Ion 127.00 (126.70 to 127.70): E

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: 61.38 ng

RT: 8.40 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

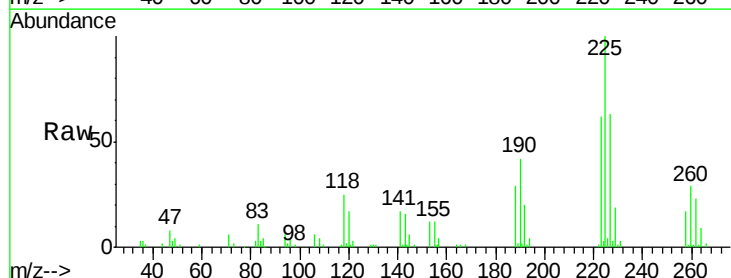
Tgt Ion:225 Resp: 62652

Ion Ratio Lower Upper

225 100

223 62.4 50.3 75.5

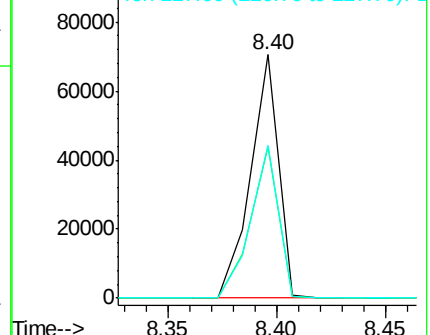
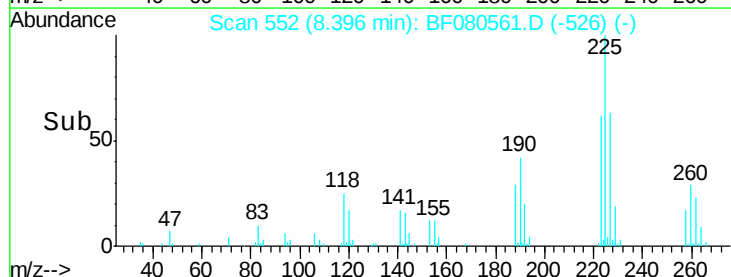
227 62.8 54.5 81.7

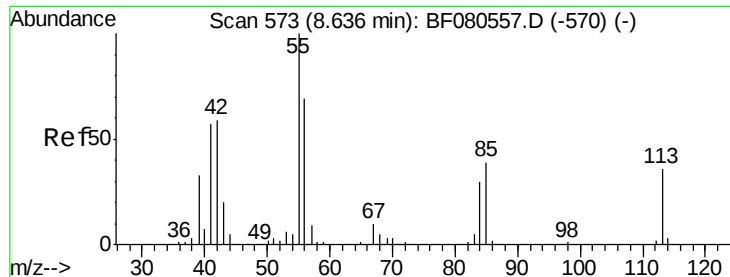


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

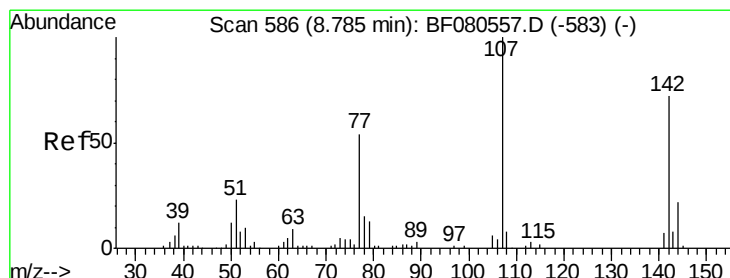
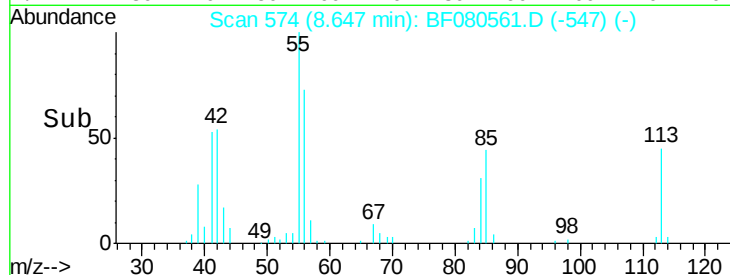
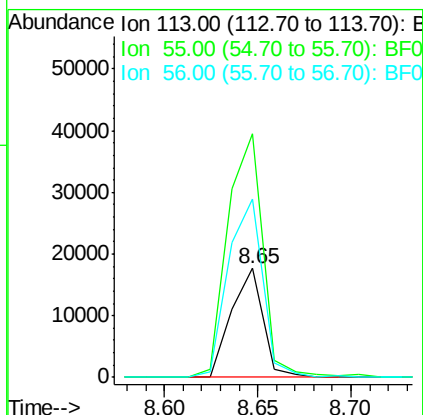
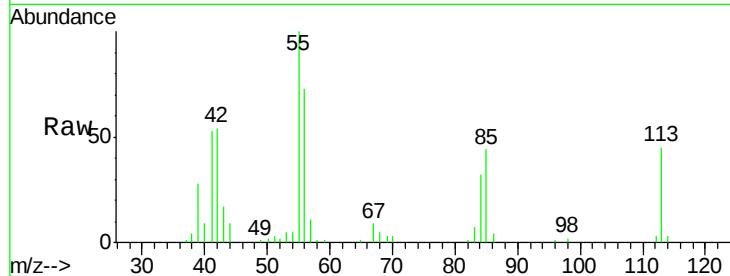




#35
 Caprolactam
 Concen: 50.63 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

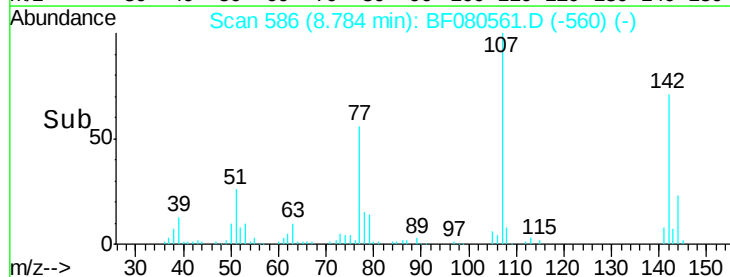
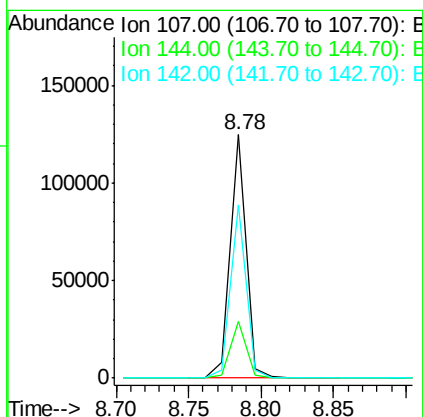
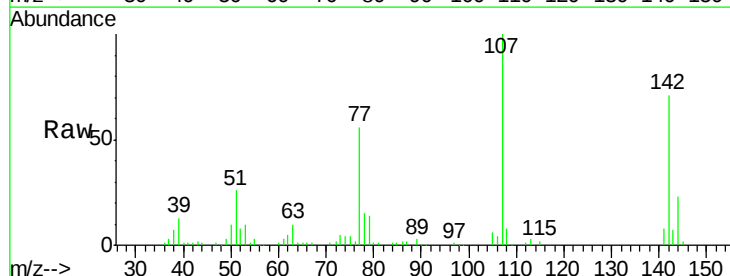
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

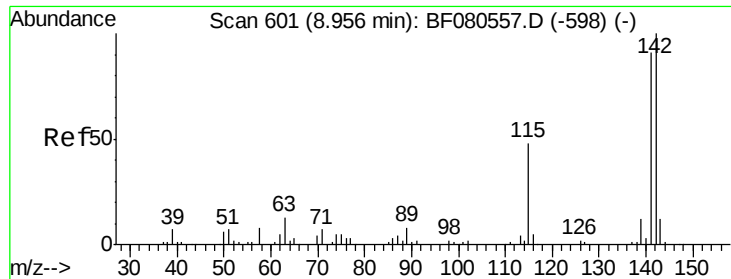
Tgt Ion:113 Resp: 20853
 Ion Ratio Lower Upper
 113 100
 55 223.8 259.3 299.3#
 56 164.0 171.6 211.6#



#36
 4-Chloro-3-methylphenol
 Concen: 55.16 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Tgt Ion:107 Resp: 95790
 Ion Ratio Lower Upper
 107 100
 144 23.2 17.7 26.5
 142 70.9 57.7 86.5

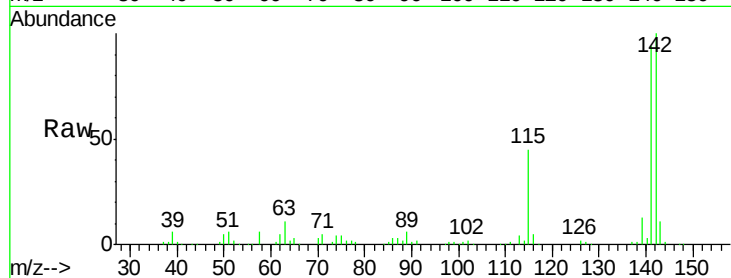




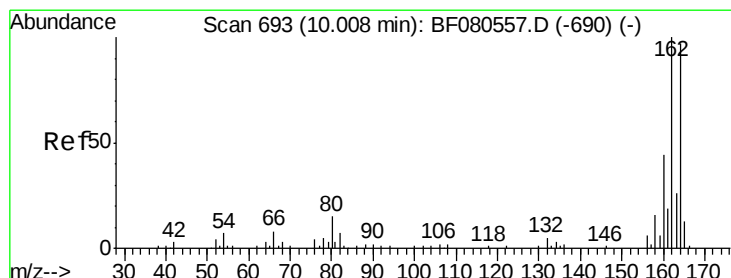
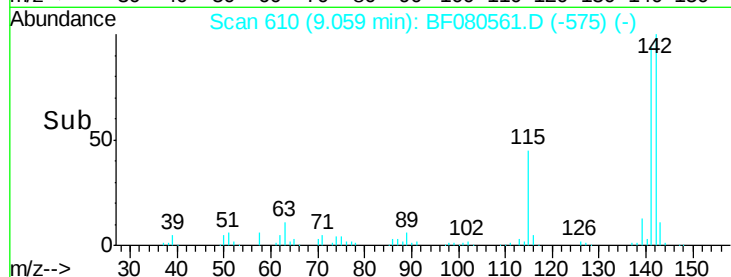
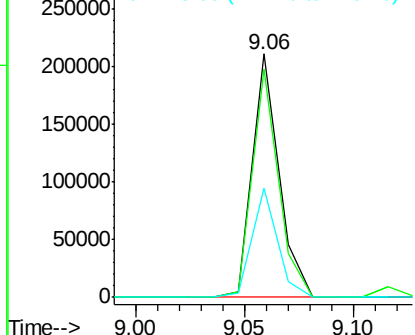
#37
 2-Methylnaphthalene
 Concen: 44.96 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.10 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:142 Resp: 179331
 Ion Ratio Lower Upper
 142 100
 141 94.0 72.6 109.0
 115 45.0 38.2 57.2

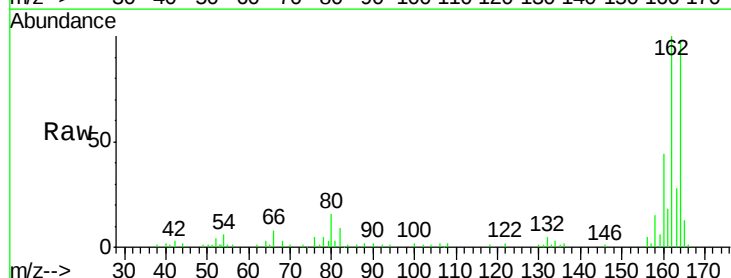


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

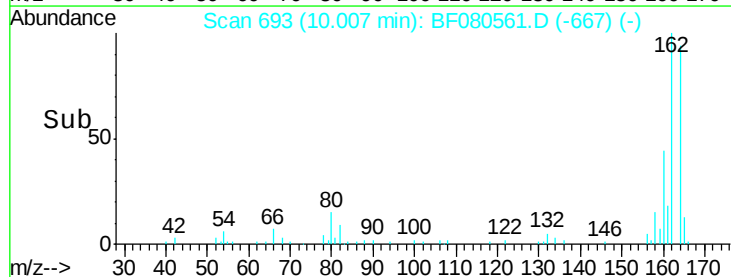
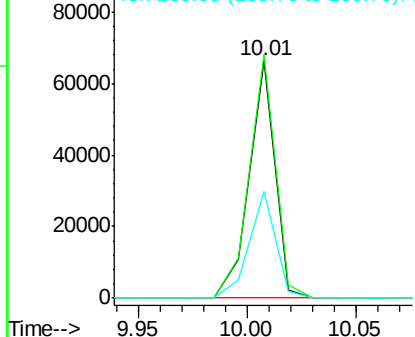


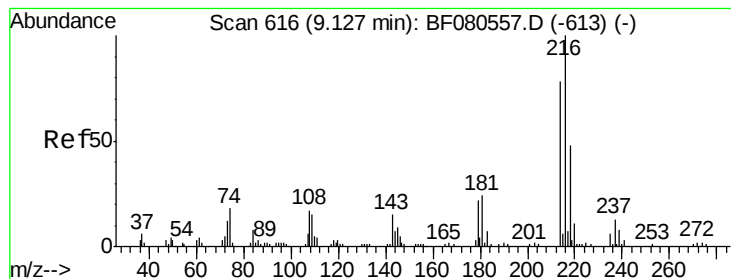
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Tgt Ion:164 Resp: 54646
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.2 123.4
 160 44.7 36.1 54.1



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: 53.70 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:216 Resp: 94073

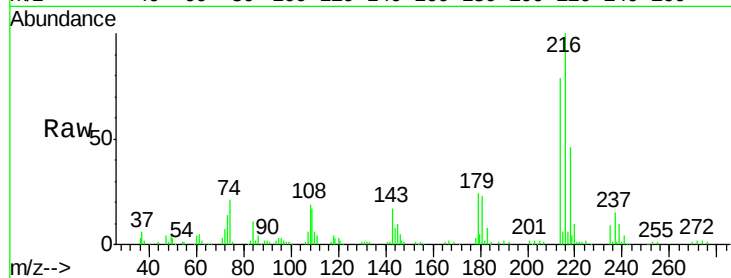
Ion Ratio Lower Upper

216 100

214 79.5 62.6 93.8

179 24.2 18.0 27.0

108 21.7 15.9 23.9

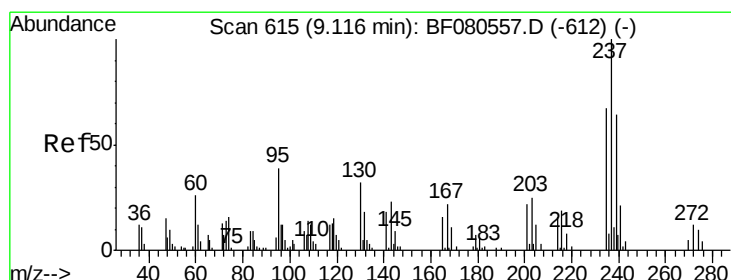
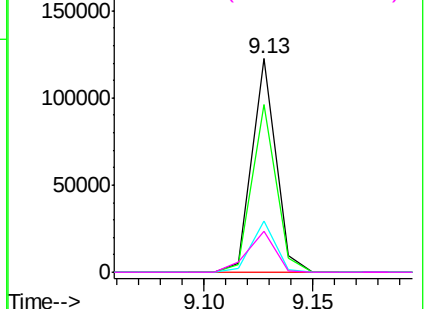
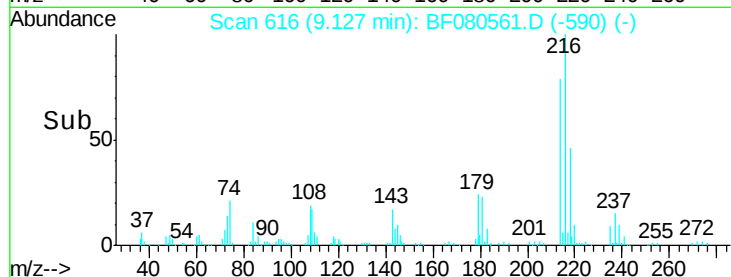


Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.60 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

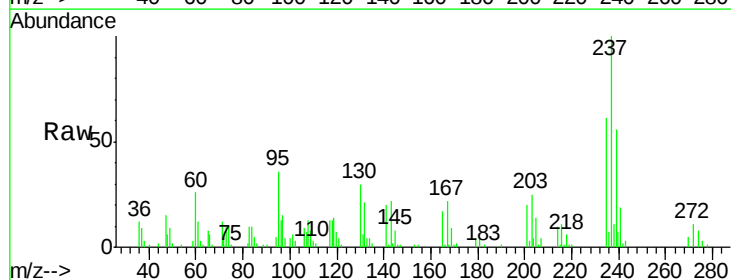
Tgt Ion:237 Resp: 43706

Ion Ratio Lower Upper

237 100

235 61.4 47.3 87.3

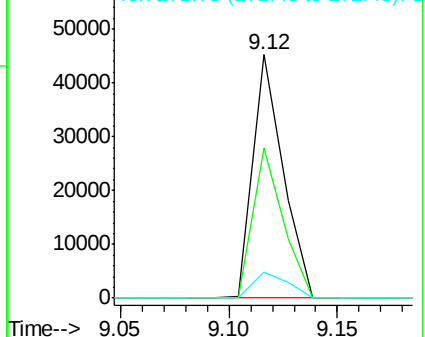
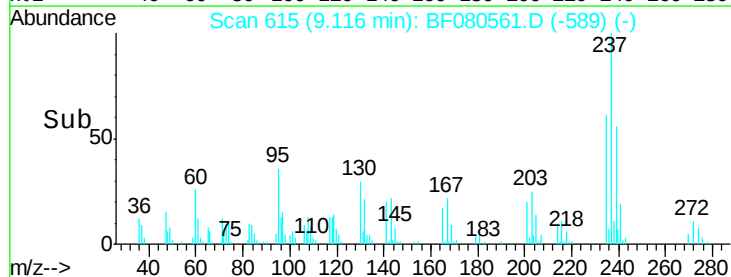
272 10.6 0.0 31.5

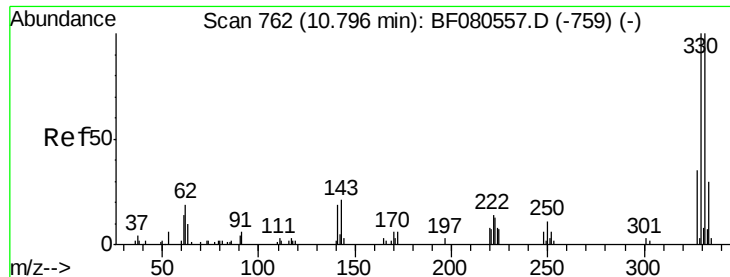


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

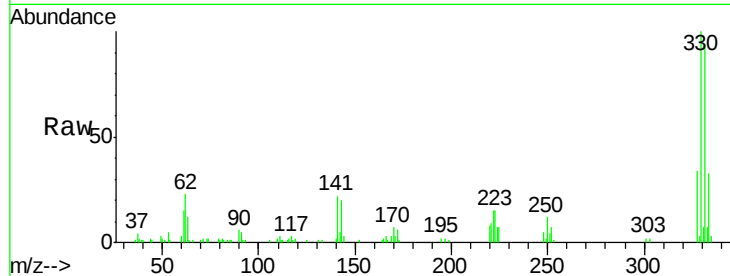




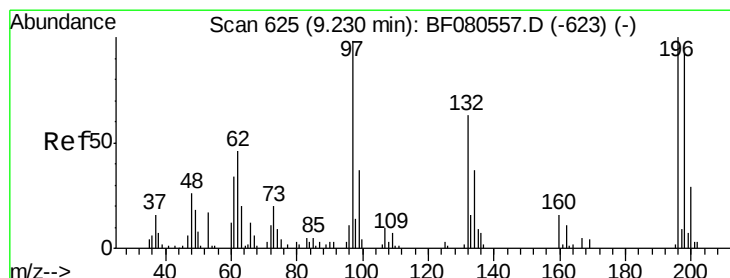
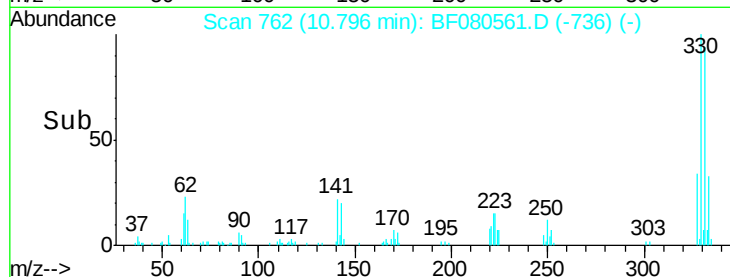
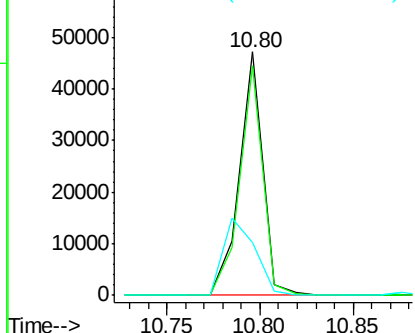
#41
 2,4,6-Tribromophenol
 Concen: 88.29 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:330 Resp: 41380
 Ion Ratio Lower Upper
 330 100
 332 93.3 78.3 117.5
 141 43.4 37.9 56.9

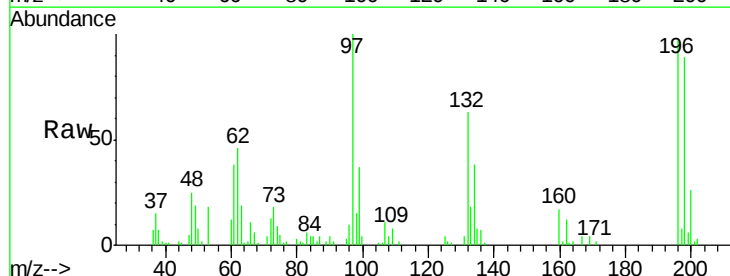


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

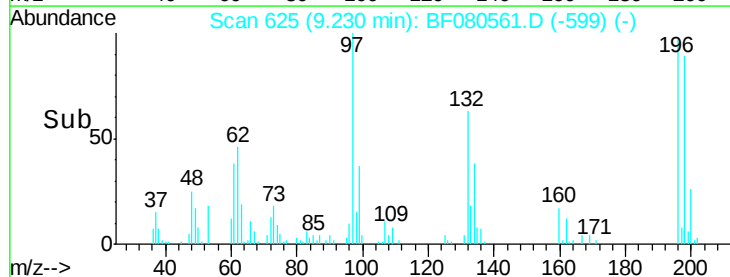
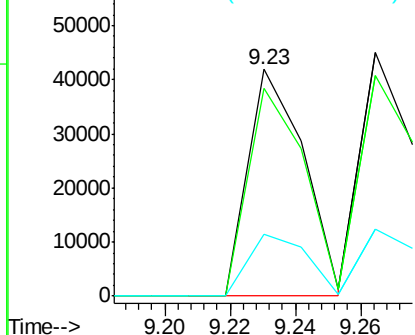


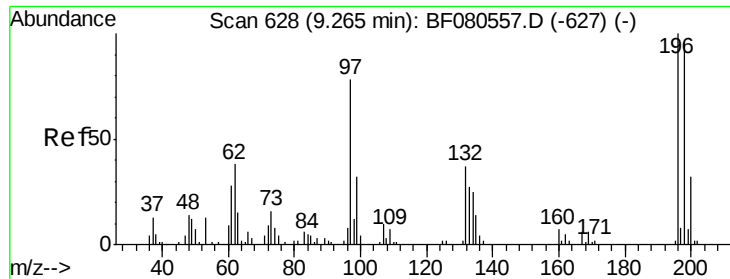
#42
 2,4,6-Trichlorophenol
 Concen: 50.36 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Tgt Ion:196 Resp: 49233
 Ion Ratio Lower Upper
 196 100
 198 91.7 73.9 110.9
 200 27.2 23.4 35.0



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

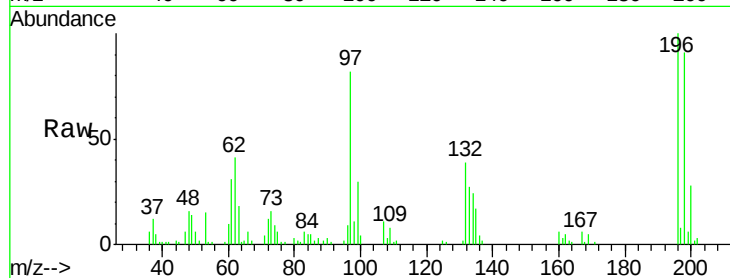




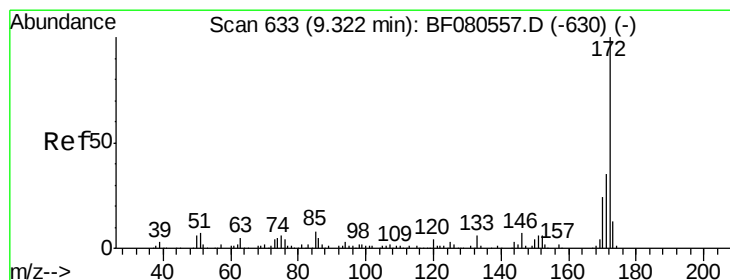
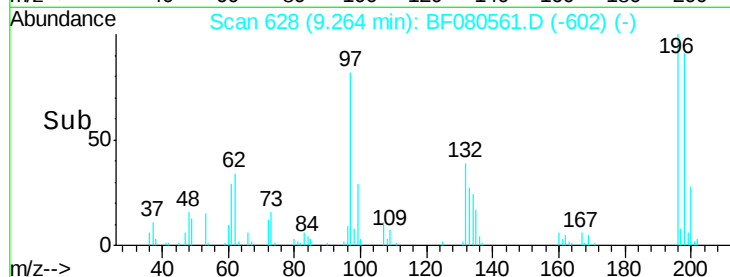
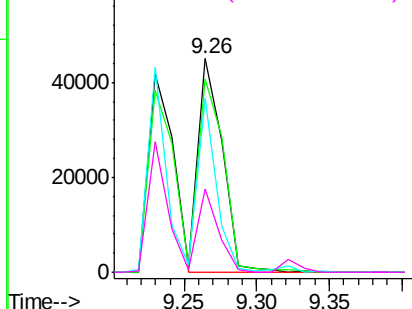
#43
 2,4,5-Trichlorophenol
 Concen: 48.36 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:196 Resp: 52076
 Ion Ratio Lower Upper
 196 100
 198 90.7 76.9 115.3
 97 81.7 63.0 94.4
 132 39.0 30.1 45.1

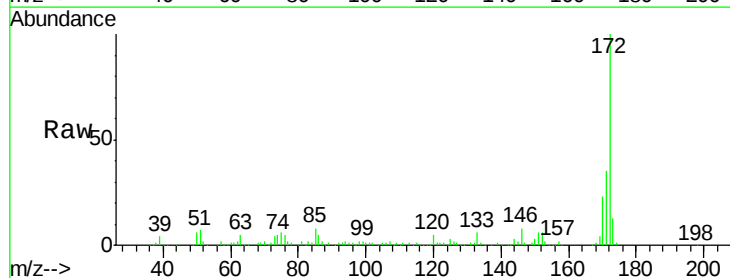


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

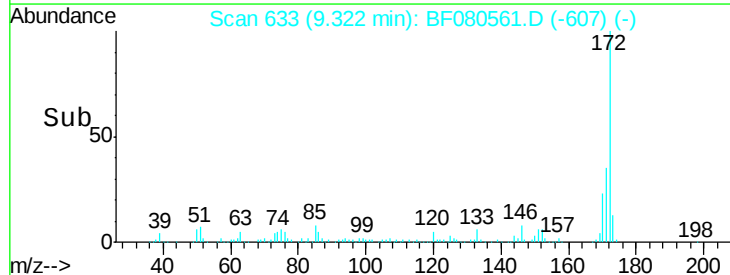
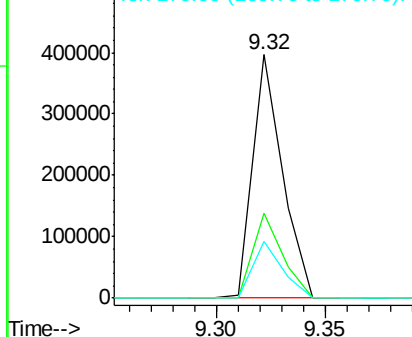


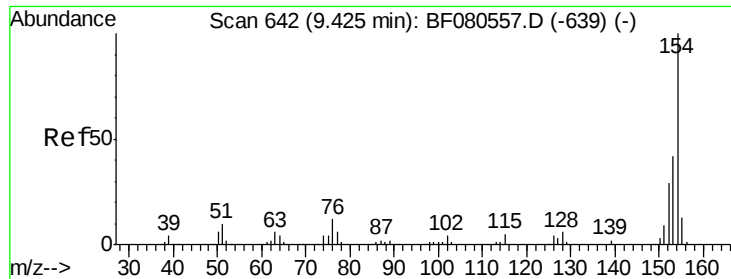
#44
 2-Fluorobiphenyl
 Concen: 96.82 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Tgt Ion:172 Resp: 375603
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.7 41.5
 170 23.4 19.1 28.7



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

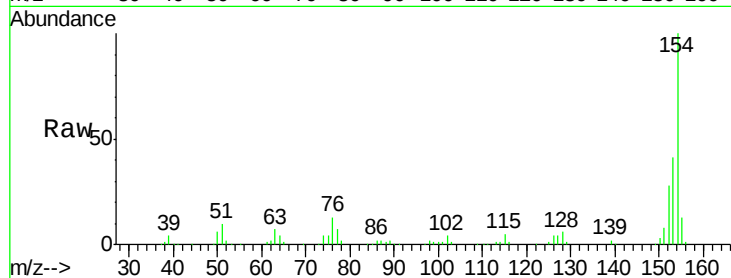




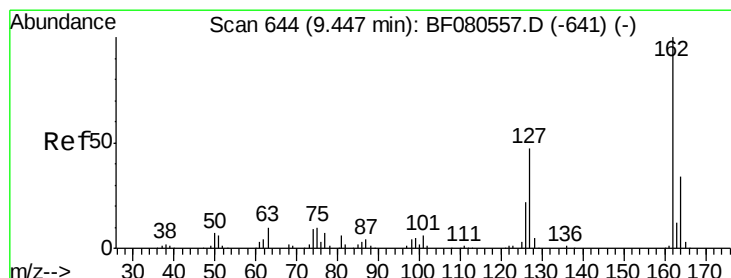
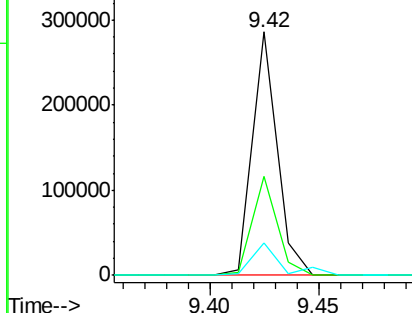
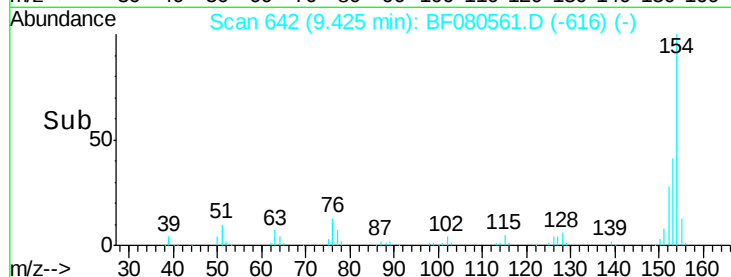
#45
 1,1'-Biphenyl
 Concen: 49.83 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:154 Resp: 227421
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.8 61.8
 76 13.1 0.0 32.1

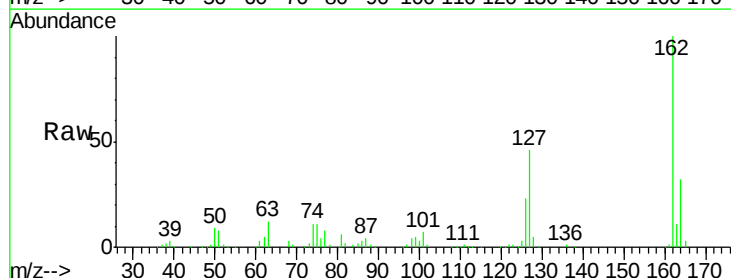


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

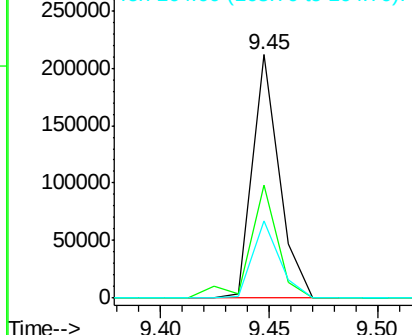
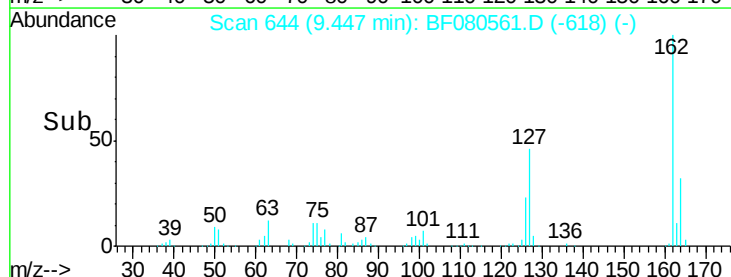


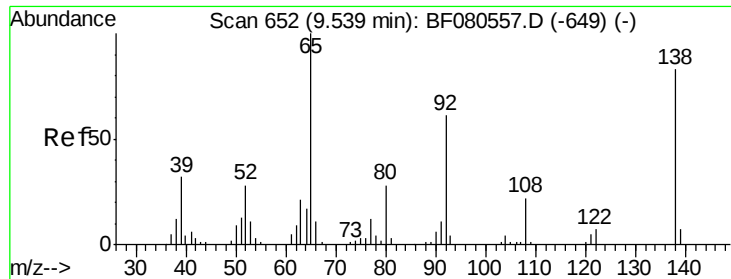
#46
 2-Chloronaphthalene
 Concen: 53.45 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Tgt Ion:162 Resp: 180172
 Ion Ratio Lower Upper
 162 100
 127 46.3 37.6 56.4
 164 31.9 27.4 41.0



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

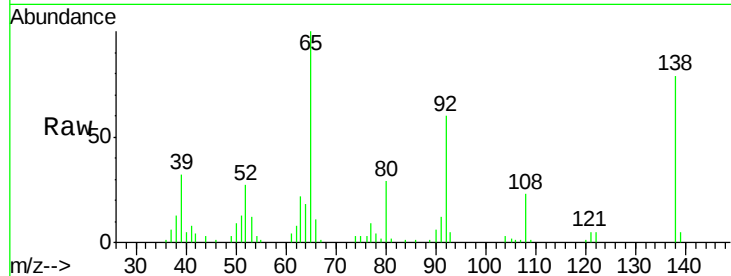




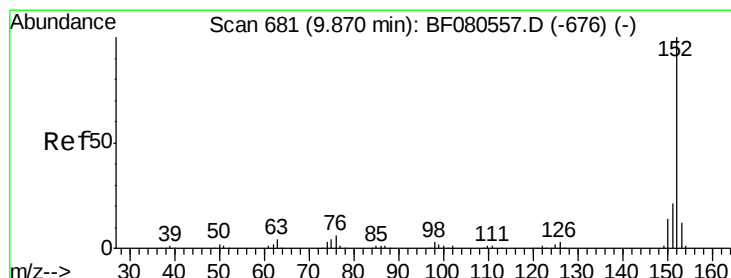
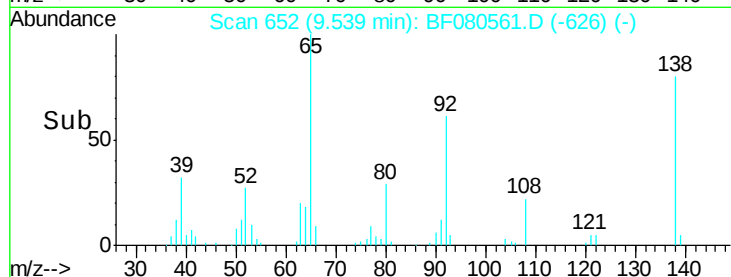
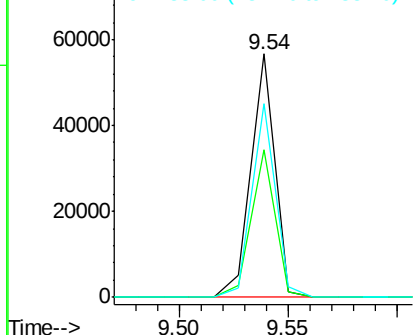
#47
 2-Nitroaniline
 Concen: 54.17 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 65 Resp: 43162
 Ion Ratio Lower Upper
 65 100
 92 60.5 48.7 73.1
 138 79.5 66.8 100.2

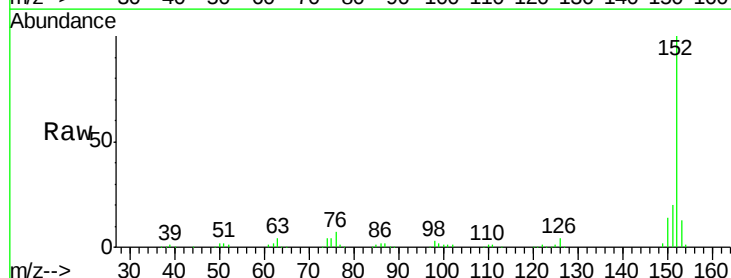


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

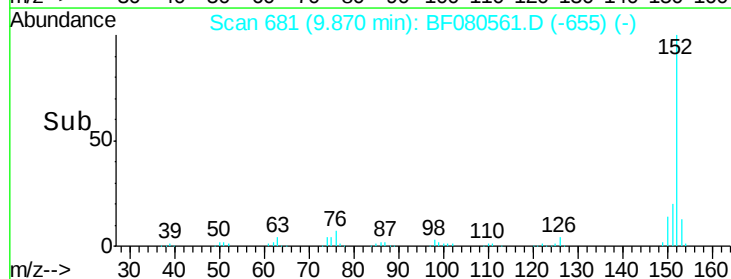
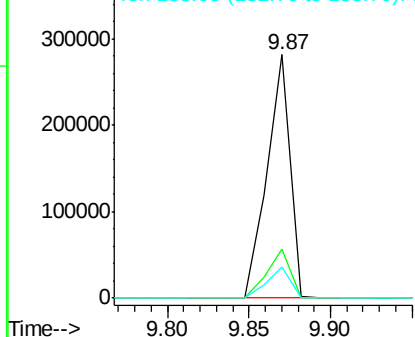


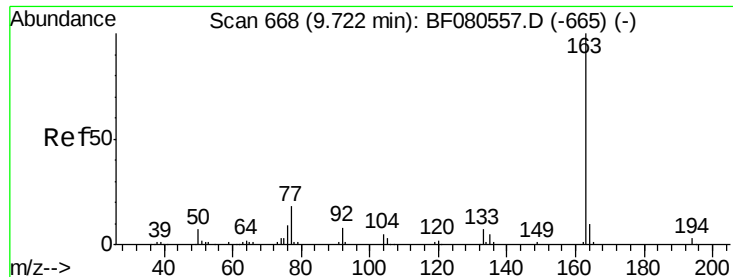
#48
 Acenaphthylene
 Concen: 50.26 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080561.D
 Acq: 22 Jul 2015 17:15

Tgt Ion: 152 Resp: 278186
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.4 24.6
 153 13.0 9.7 14.5



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

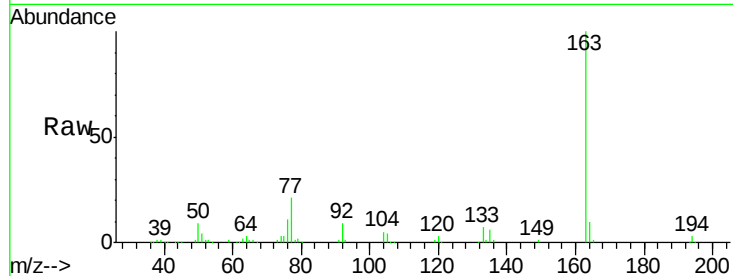




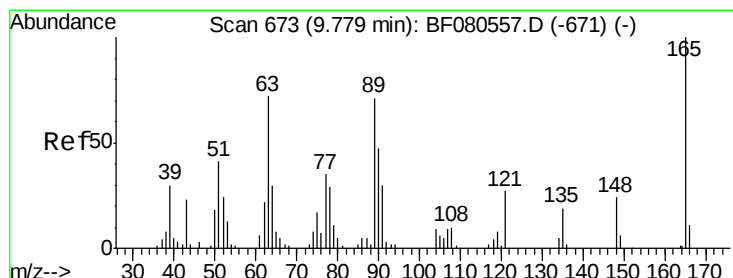
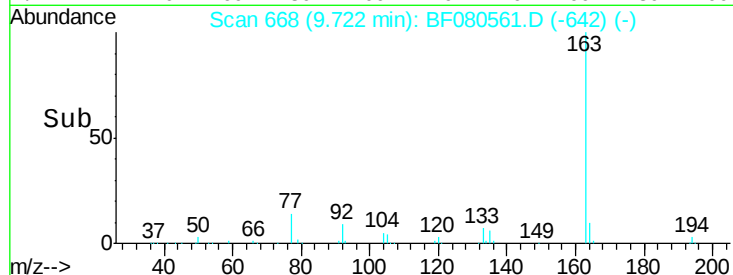
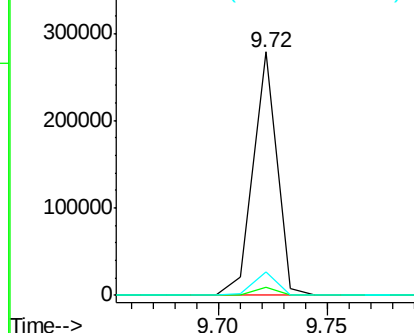
#49
Dimethylphthalate
Concen: 56.83 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF080561.D
Acq: 22 Jul 2015 17:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:163 Resp: 209993
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 9.6 8.1 12.1

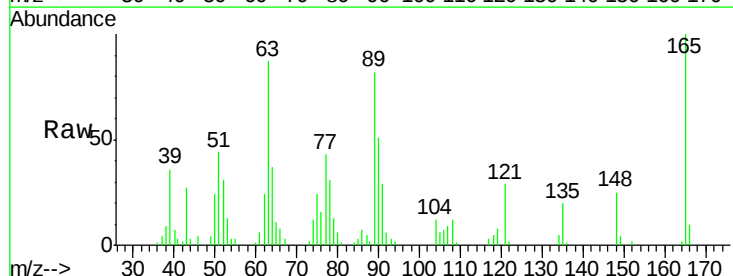


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

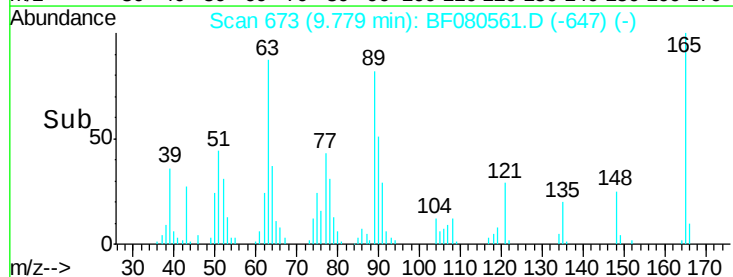
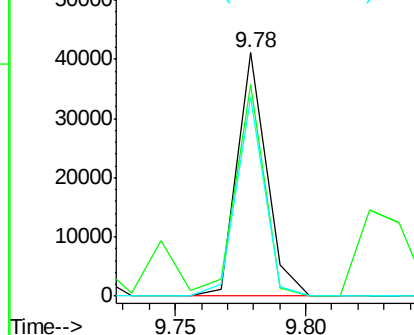


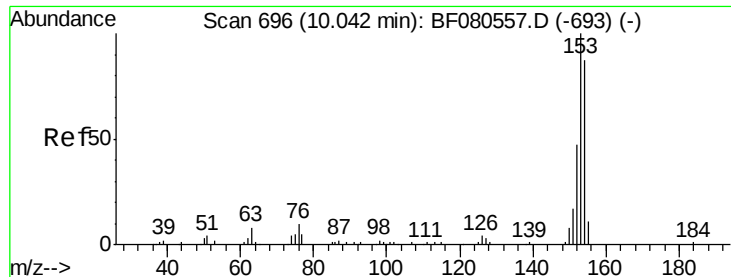
#50
2,6-Dinitrotoluene
Concen: 46.59 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF080561.D
Acq: 22 Jul 2015 17:15

Tgt Ion:165 Resp: 32680
Ion Ratio Lower Upper
165 100
63 87.1 59.0 88.6
89 81.5 56.9 85.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.31 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

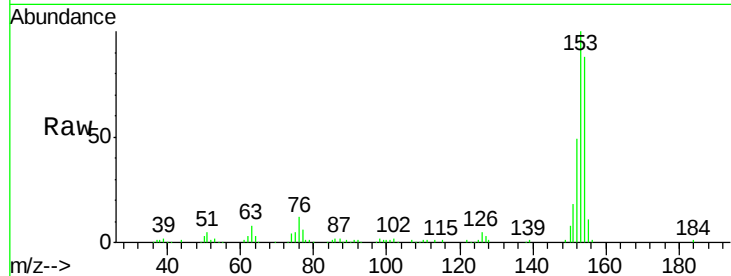
Tgt Ion:154 Resp: 162874

Ion Ratio Lower Upper

154 100

153 113.2 92.2 138.2

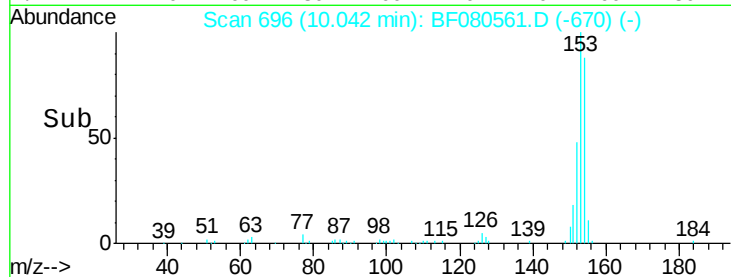
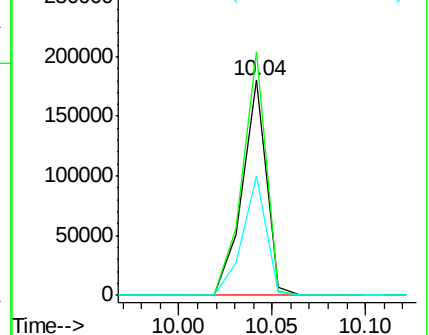
152 55.8 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.13 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF080561.D

Acq: 22 Jul 2015 17:15

Tgt Ion:138 Resp: 34227

Ion Ratio Lower Upper

138 100

108 17.1 13.7 20.5

92 103.5 81.0 121.4

Ref

Raw

Sub