

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062215\
 Data File : BF080093.D
 Acq On : 22 Jun 2015 11:40
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 23 00:51:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	50569	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	203443	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	107557	20.00	ng	-0.01
63) Phenanthrene-d10	11.91	188	221920	20.00	ng	0.00
75) Chrysene-d12	15.00	240	243419	20.00	ng	0.14
86) Perylene-d12	16.93	264	235601	20.00	ng	0.18

System Monitoring Compounds

5) 2-Fluorophenol	5.93	112	243947	85.39	ng	-0.01
7) Phenol-d6	6.93	99	330580	86.96	ng	-0.01
23) Nitrobenzene-d5	7.88	82	297367	85.09	ng	-0.02
41) 2,4,6-Tribromophenol	11.18	330	87085	82.80	ng	-0.02
44) 2-Fluorobiphenyl	9.69	172	601232	79.72	ng	-0.01
78) Terphenyl-d14	13.67	244	816076	78.30	ng	0.08

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	54651	40.25	ng	87
3) Pyridine	4.00	79	168507	46.66	ng	# 82
4) n-Nitrosodimethylamine	3.92	42	70402	41.02	ng	95
6) Aniline	6.97	93	224198	42.87	ng	# 89
8) 2-Chlorophenol	7.11	128	132824	40.23	ng	94
9) Benzaldehyde	6.87	77	94554	43.09	ng	# 83
10) Phenol	6.94	94	182971	44.11	ng	81
11) bis(2-Chloroethyl)ether	7.04	93	137588	41.80	ng	90
12) 1,3-Dichlorobenzene	7.27	146	159058	40.10	ng	97
13) 1,4-Dichlorobenzene	7.27	146	159058	42.17	ng	97
14) 1,2-Dichlorobenzene	7.50	146	161855	44.09	ng	97
15) Benzyl Alcohol	7.44	79	123205	39.64	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	7.59	45	231683	47.42	ng	87
17) 2-Methylphenol	7.56	107	121822	43.20	ng	# 88
18) Hexachloroethane	7.84	117	51363	40.89	ng	94
19) n-Nitroso-di-n-propylamine	7.72	70	118836	45.03	ng	# 77
20) 3+4-Methylphenols	7.70	107	162399	44.62	ng	91
22) Acetophenone	7.73	105	190343	40.15	ng	# 80
24) Nitrobenzene	7.90	77	168053	46.59	ng	# 72
25) Isophorone	8.14	82	286374	40.72	ng	# 95
26) 2-Nitrophenol	8.22	139	76113	50.41	ng	# 65
27) 2,4-Dimethylphenol	8.24	122	141599	44.98	ng	# 83
28) bis(2-Chloroethoxy)methane	8.33	93	160533	38.85	ng	# 91
29) 2,4-Dichlorophenol	8.46	162	130753	48.50	ng	98
30) 1,2,4-Trichlorobenzene	8.55	180	138791	45.33	ng	95
31) Naphthalene	8.63	128	431750	40.59	ng	98
32) Benzoic acid	8.31	122	90421	47.50	ng	# 70
33) 4-Chloroaniline	8.68	127	223808	49.17	ng	# 98
34) Hexachlorobutadiene	8.76	225	85121	45.15	ng	98
35) Caprolactam	9.02	113	38390	43.87	ng	91
36) 4-Chloro-3-methylphenol	9.14	107	126705	41.67	ng	91
37) 2-Methylnaphthalene	9.33	142	286539	41.65	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.50	216	141133	45.09	ng	98
40) Hexachlorocyclopentadiene	9.49	237	59996	40.59	ng	97

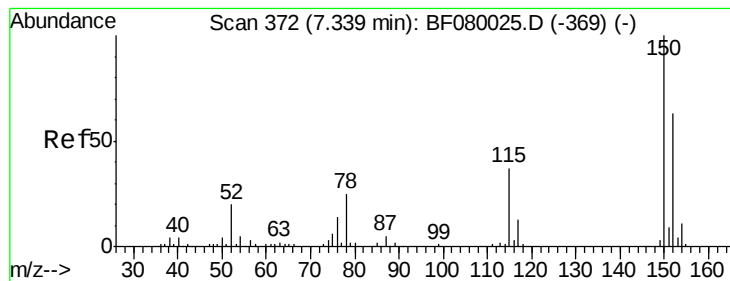
Data Path : Z:\HPCHEM1\BNA_F\Data\BF062215\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.60	196	94789	44.51	ng	96
43) 2,4,5-Trichlorophenol	9.65	196	93716	38.19	ng #	90
45) 1,1'-Biphenyl	9.80	154	355651	40.64	ng	95
46) 2-Chloronaphthalene	9.82	162	273872	38.57	ng #	92
47) 2-Nitroaniline	9.91	65	81177	41.65	ng	90
48) Acenaphthylene	10.24	152	457504	38.60	ng	96
49) Dimethylphthalate	10.08	163	352454	43.59	ng #	97
50) 2,6-Dinitrotoluene	10.15	165	68000	41.95	ng #	91
51) Acenaphthene	10.42	154	285603	39.39	ng	98
52) 3-Nitroaniline	10.32	138	79912	42.72	ng #	93
53) 2,4-Dinitrophenol	10.42	184	29566	47.37	ng #	1
54) Dibenzofuran	10.60	168	397897	38.68	ng	97
55) 4-Nitrophenol	10.46	139	67919	45.43	ng #	53
56) 2,4-Dinitrotoluene	10.55	165	92125	44.78	ng #	74
57) Fluorene	10.94	166	351415	43.05	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.71	232	80427	38.83	ng	95
59) Diethylphthalate	10.79	149	321085	39.43	ng	96
60) 4-Chlorophenyl-phenylether	10.93	204	149323	38.06	ng #	89
61) 4-Nitroaniline	10.93	138	75704	39.19	ng #	37
62) Azobenzene	11.09	77	323379	39.02	ng	94
64) 4,6-Dinitro-2-methylphenol	10.97	198	43357	41.09	ng #	59
65) n-Nitrosodiphenylamine	11.03	169	272164	37.66	ng	93
66) 4-Bromophenyl-phenylether	11.42	248	89218	37.81	ng #	87
67) Hexachlorobenzene	11.51	284	98989	37.75	ng #	75
68) Atrazine	11.57	200	91310	39.99	ng	85
69) Pentachlorophenol	11.69	266	56500	38.02	ng	99
70) Phenanthrene	11.93	178	532582	39.64	ng	96
71) Anthracene	11.99	178	523505	40.47	ng	99
72) Carbazole	12.14	167	472105	38.22	ng	95
73) Di-n-butylphthalate	12.48	149	541910	37.98	ng #	98
74) Fluoranthene	13.25	202	567814	39.68	ng	87
76) Benzidine	13.36	184	270434	39.75	ng	98
77) Pyrene	13.51	202	598859	39.96	ng	97
79) Butylbenzylphthalate	14.24	149	253084	42.05	ng	93
80) Benzo(a)anthracene	14.99	228	569751	38.42	ng	95
81) 3,3'-Dichlorobenzidine	14.93	252	210188	41.10	ng #	94
82) Chrysene	14.99	228	569751	41.66	ng	96
83) Bis(2-ethylhexyl)phthalate	14.96	149	374455	39.37	ng #	91
84) Di-n-octyl phthalate	15.82	149	656977	40.31	ng	95
85) Indeno(1,2,3-cd)pyrene	18.79	276	682224	39.56	ng #	89
87) Benzo(b)fluoranthene	16.39	252	560448	39.29	ng #	85
88) Benzo(k)fluoranthene	16.43	252	577895	39.78	ng #	87
89) Benzo(a)pyrene	16.85	252	534730	39.47	ng #	88
90) Dibenzo(a,h)anthracene	18.81	278	554451	39.99	ng #	84
91) Benzo(g,h,i)perylene	19.35	276	550785	39.34	ng #	77

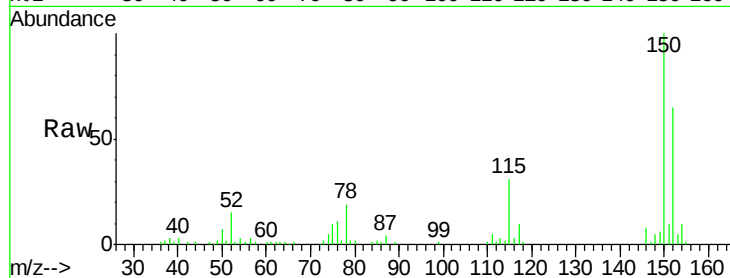
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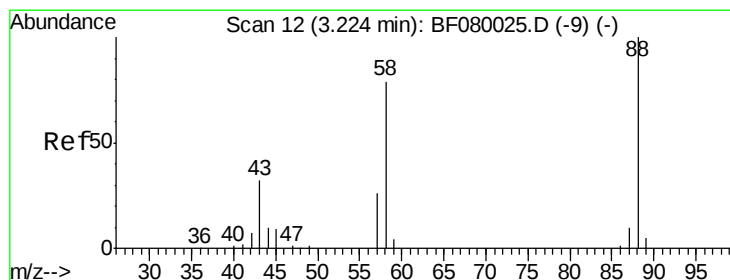
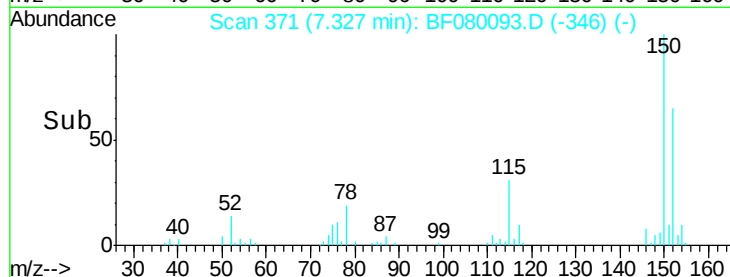
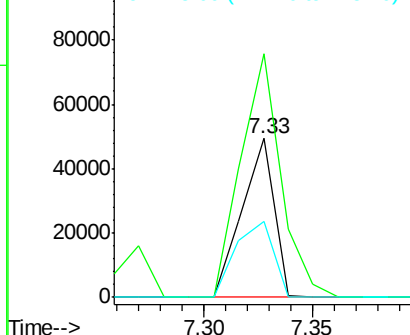
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 50569
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.7 187.1
 115 47.7 39.0 58.4

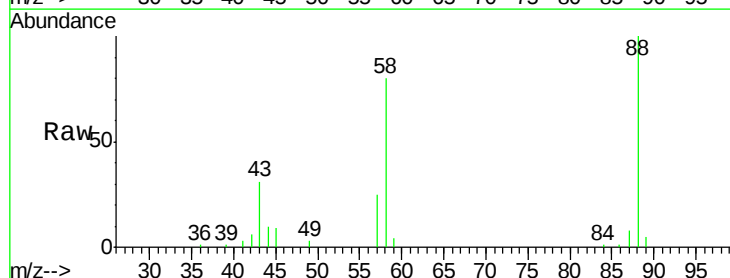


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

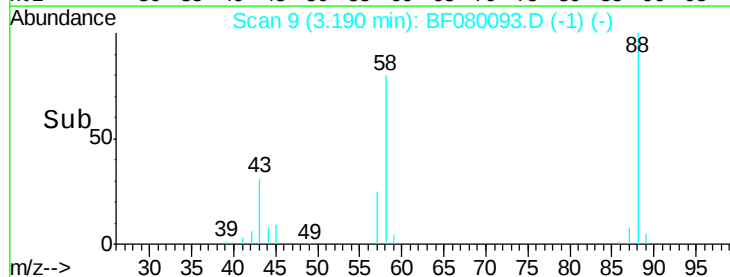
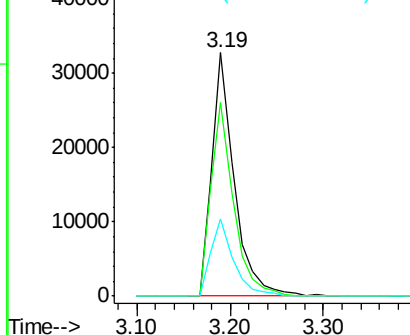


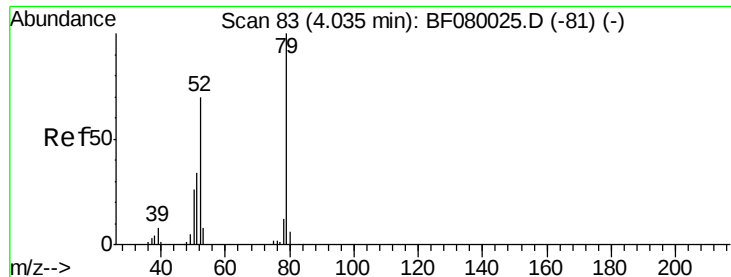
#2
 1,4-Dioxane
 Concen: 40.25 ng
 RT: 3.19 min Scan# 9
 Delta R.T. -0.03 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Tgt Ion: 88 Resp: 54651
 Ion Ratio Lower Upper
 88 100
 58 80.2 77.7 116.5
 43 32.2 26.6 40.0



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: 46.66 ng

RT: 4.00 min Scan# 80

Delta R.T. -0.02 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

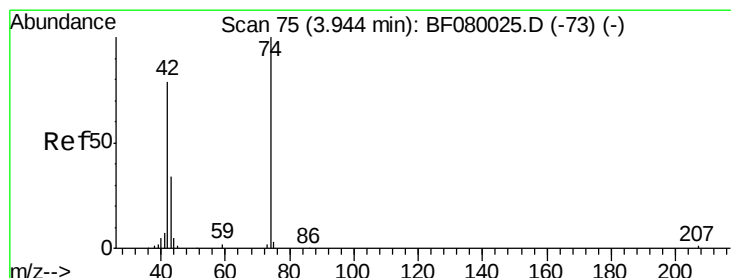
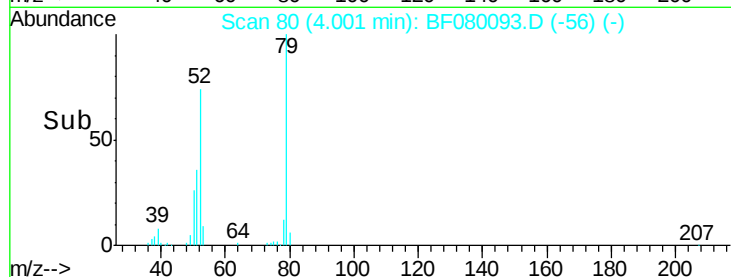
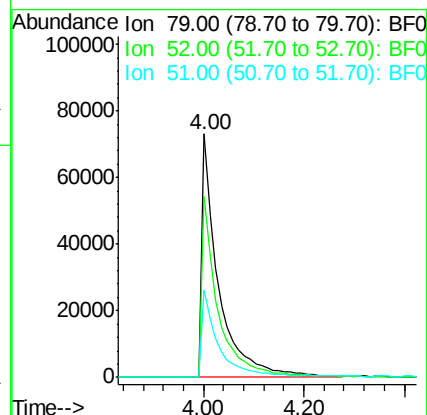
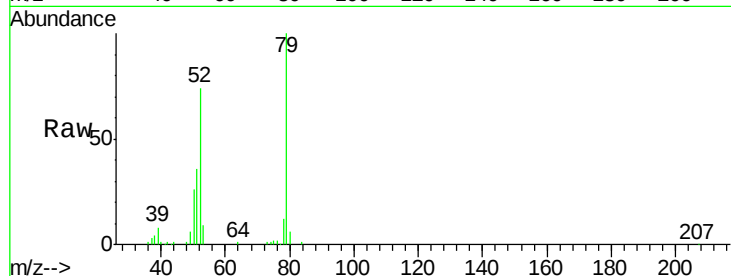
Tgt Ion: 79 Resp: 168507

Ion Ratio Lower Upper

79 100

52 74.3 76.8 115.2#

51 35.8 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 41.02 ng

RT: 3.92 min Scan# 73

Delta R.T. -0.02 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

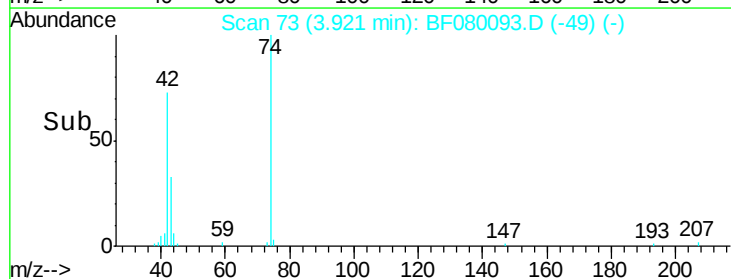
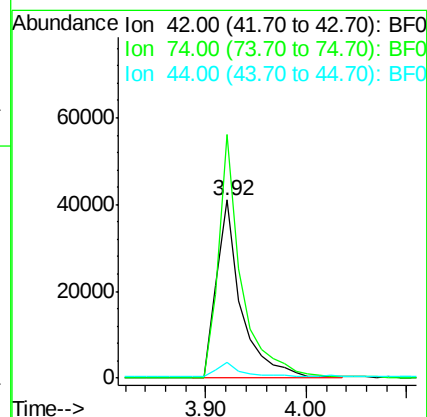
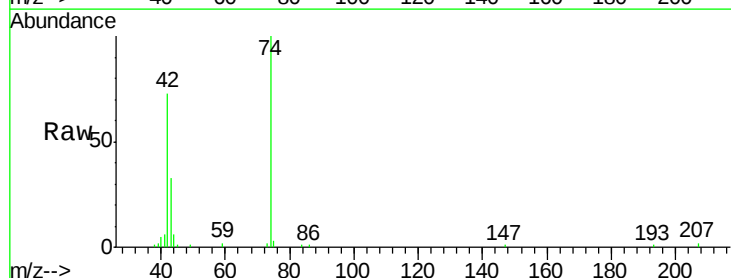
Tgt Ion: 42 Resp: 70402

Ion Ratio Lower Upper

42 100

74 136.9 105.0 157.6

44 8.6 6.6 10.0





#5

2-Fluorophenol

Concen: 85.39 ng

RT: 5.93 min Scan# 249

Delta R.T. -0.01 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

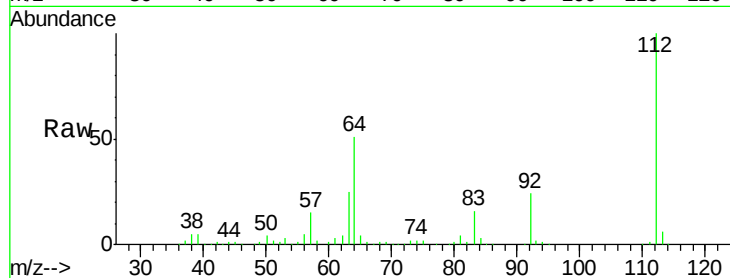
Tgt Ion: 112 Resp: 243947

Ion Ratio Lower Upper

112 100

64 51.0 39.7 59.5

63 25.4 17.4 26.0

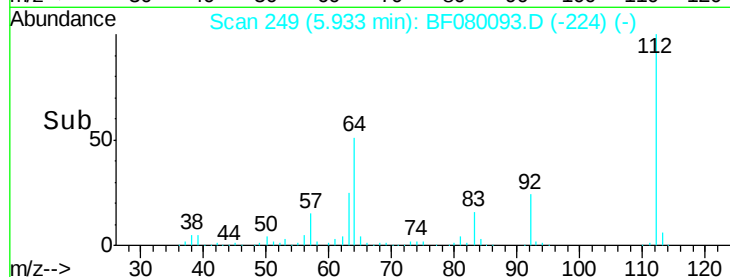


Abundance Ion 112.00 (111.70 to 112.70): E

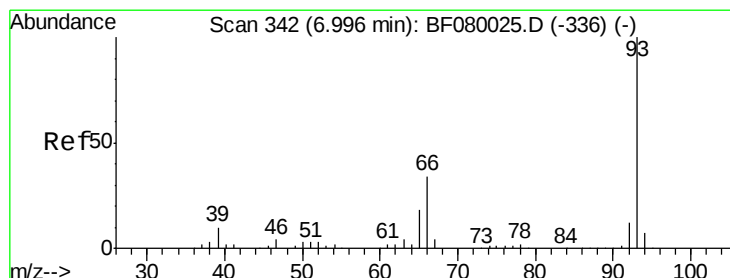
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 42.87 ng

RT: 6.97 min Scan# 340

Delta R.T. -0.02 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

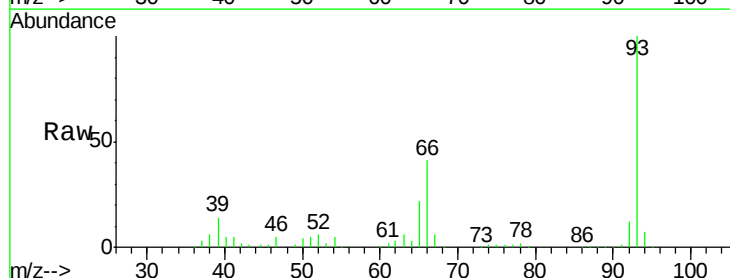
Tgt Ion: 93 Resp: 224198

Ion Ratio Lower Upper

93 100

66 41.3 27.2 40.8#

65 21.5 14.7 22.1

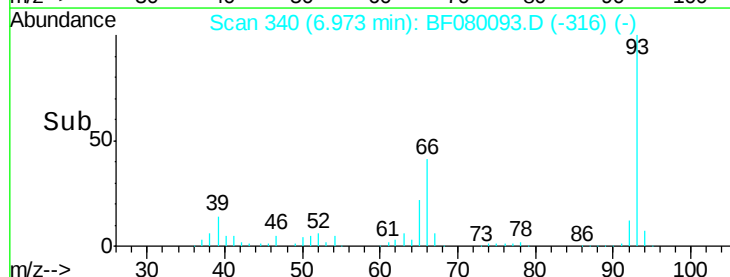


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 86.96 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

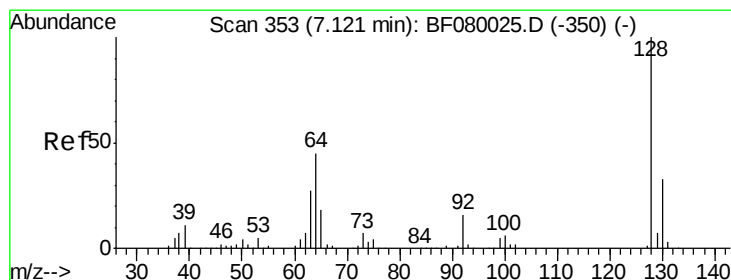
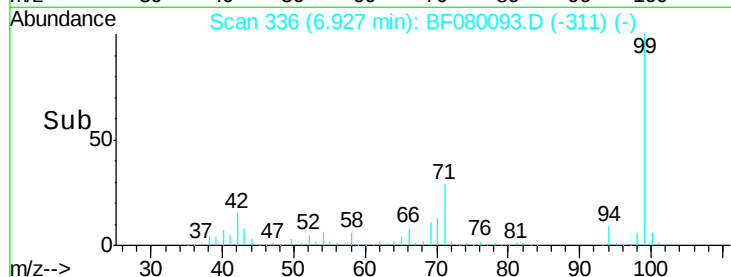
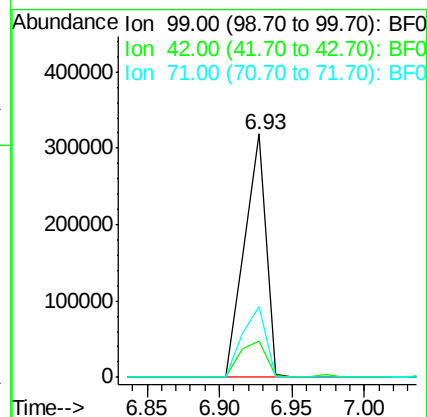
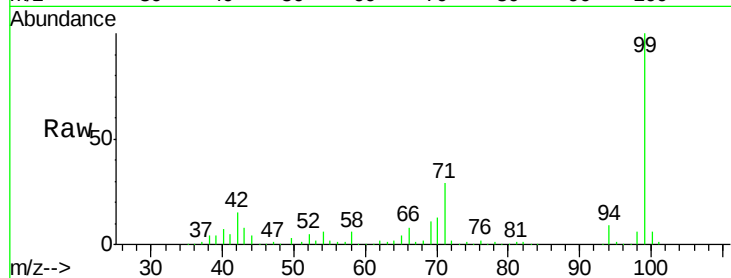
Tgt Ion: 99 Resp: 330580

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

71 29.3 14.2 21.2#



#8

2-Chlorophenol

Concen: 40.23 ng

RT: 7.11 min Scan# 352

Delta R.T. -0.01 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

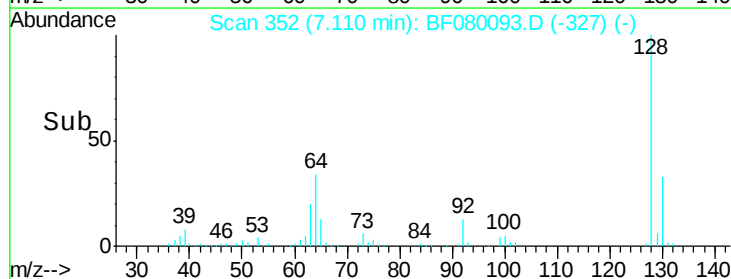
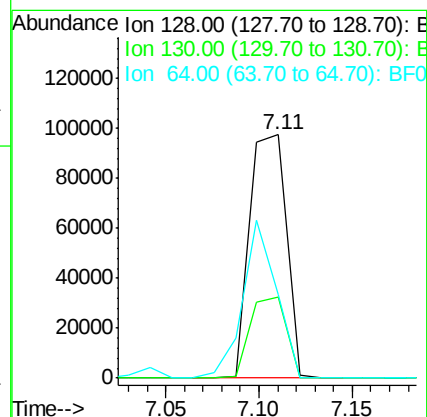
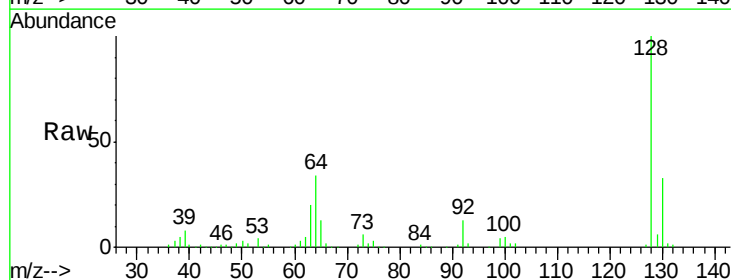
Tgt Ion: 128 Resp: 132824

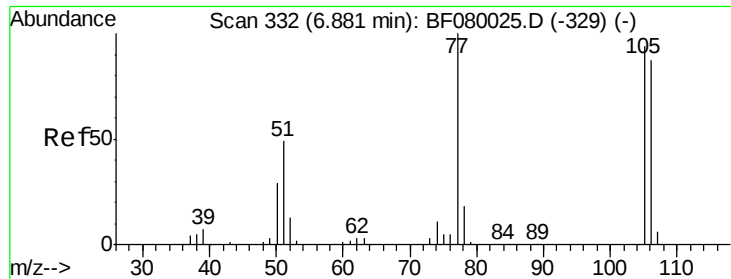
Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

64 34.2 20.5 60.5





#9

Benzaldehyde

Concen: 43.09 ng

RT: 6.87 min Scan# 331

Delta R.T. -0.01 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

Instrument :

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ClientSampleId :

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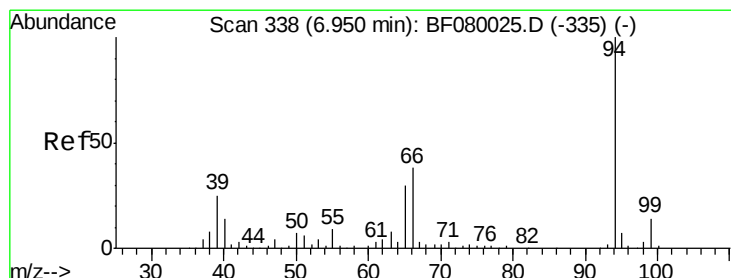
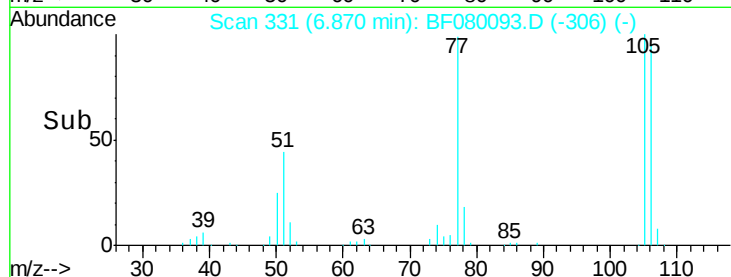
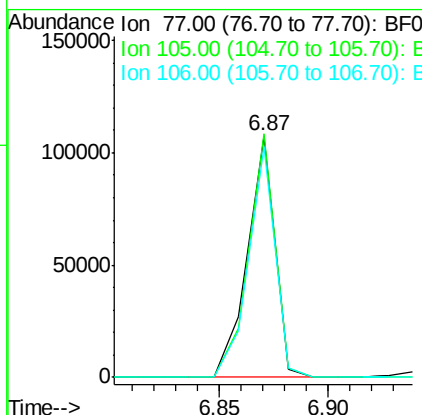
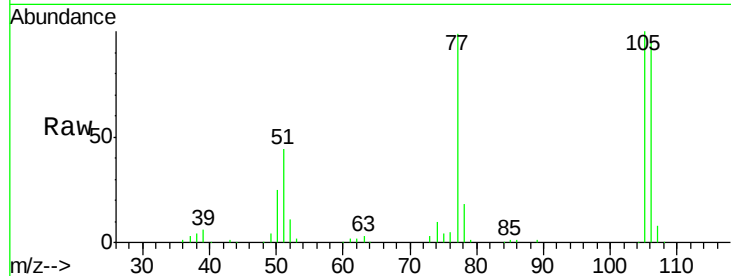
Tgt Ion: 77 Resp: 94554

Ion Ratio Lower Upper

77 100

105 100.9 91.6 131.6

106 95.7 102.6 142.6#



#10

Phenol

Concen: 44.11 ng

RT: 6.94 min Scan# 337

Delta R.T. -0.02 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

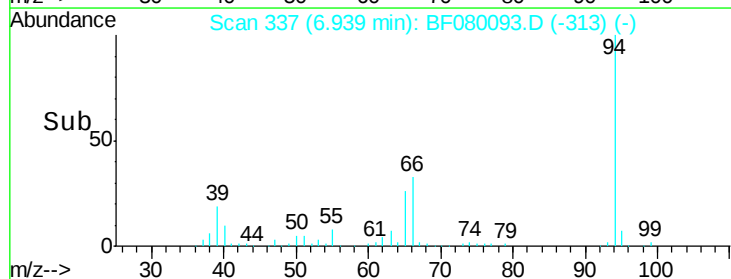
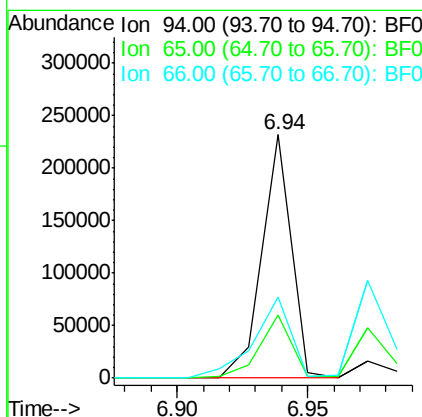
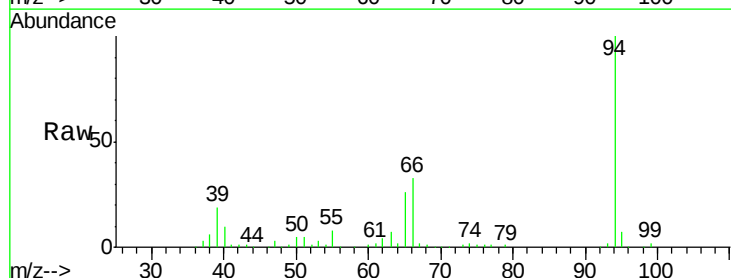
Tgt Ion: 94 Resp: 182971

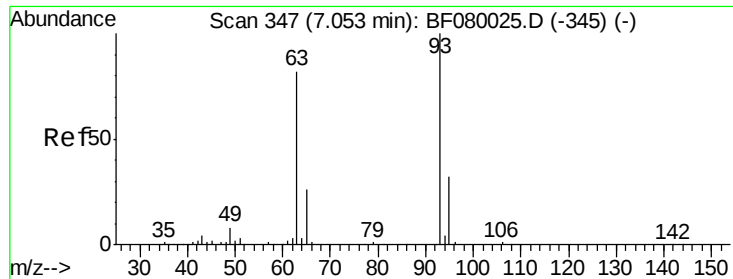
Ion Ratio Lower Upper

94 100

65 26.1 0.7 40.7

66 33.0 0.8 40.8

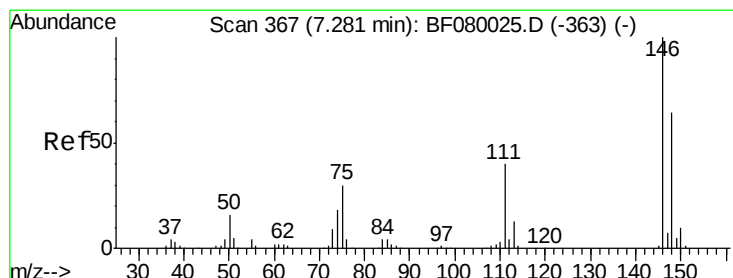
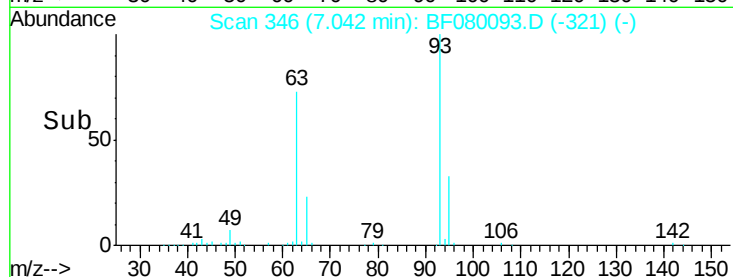
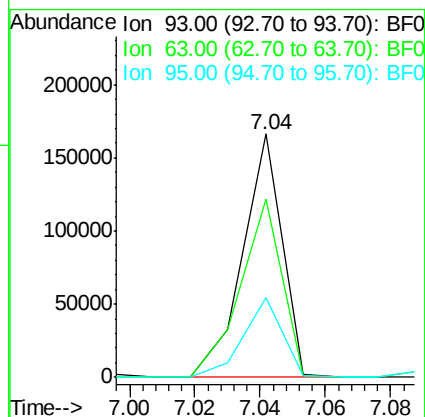
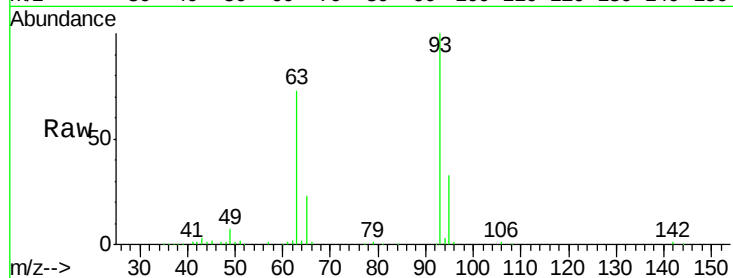




#11
bis(2-Chloroethyl)ether
Concen: 41.80 ng
RT: 7.04 min Scan# 346
Delta R.T. -0.01 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

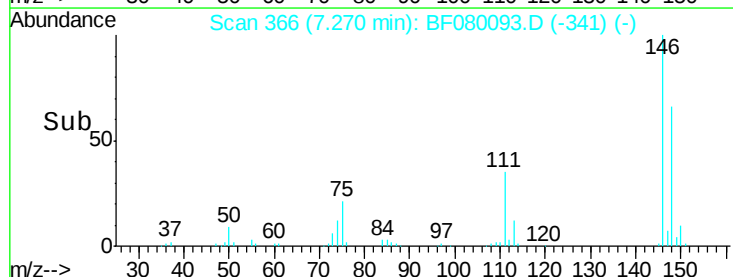
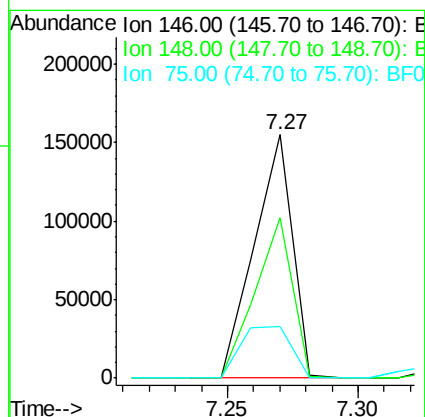
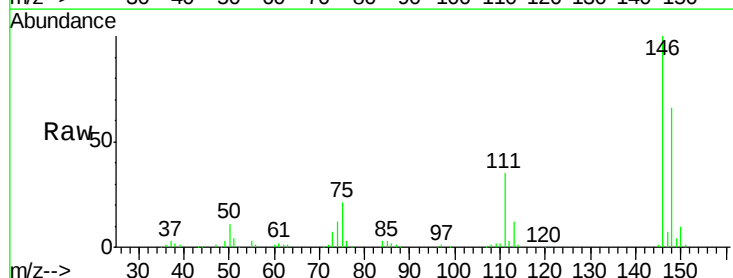
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

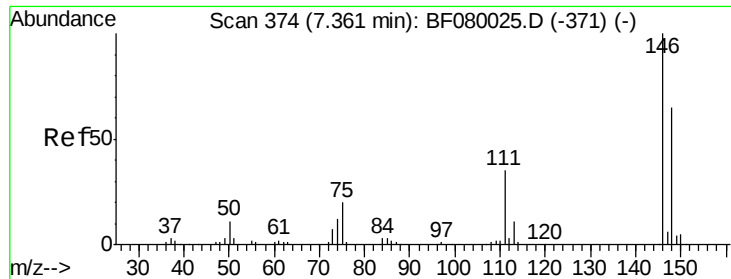
Tgt Ion: 93 Resp: 137588
Ion Ratio Lower Upper
93 100
63 73.1 65.6 105.6
95 32.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.10 ng
RT: 7.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

Tgt Ion: 146 Resp: 159058
Ion Ratio Lower Upper
146 100
148 65.7 51.0 76.4
75 21.0 15.0 22.6

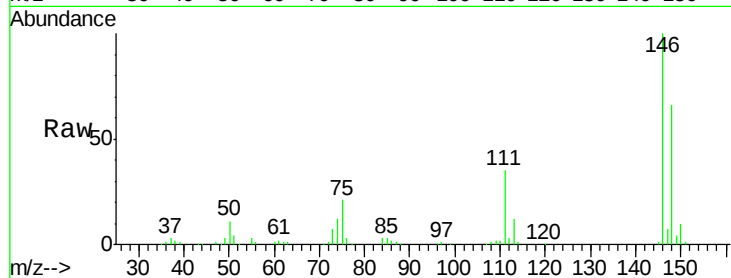




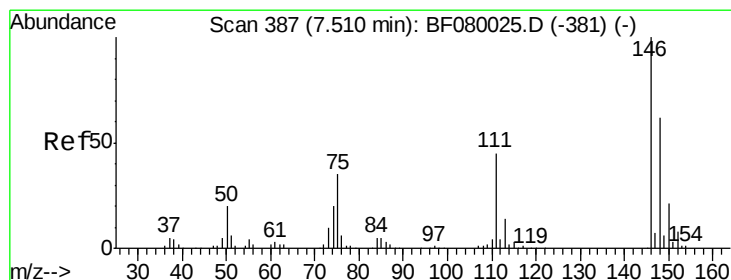
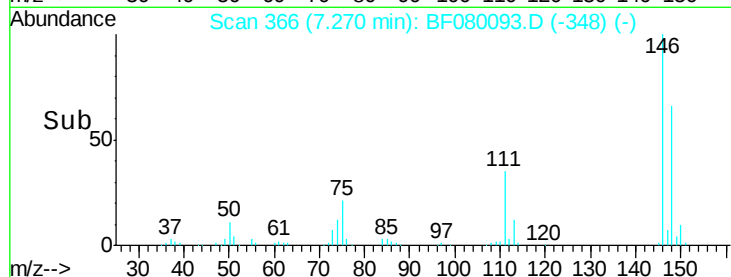
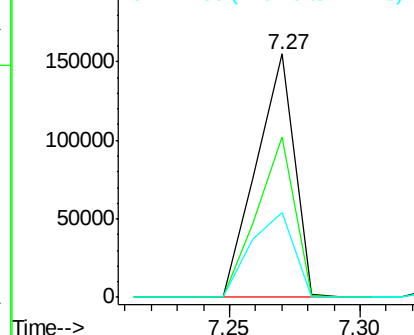
#13
 1,4-Dichlorobenzene
 Concen: 42.17 ng
 RT: 7.27 min Scan# 366
 Delta R.T. -0.09 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:146 Resp: 159058
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.6
 111 34.7 24.9 37.3

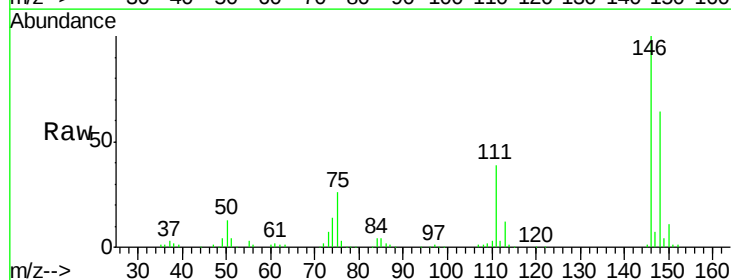


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

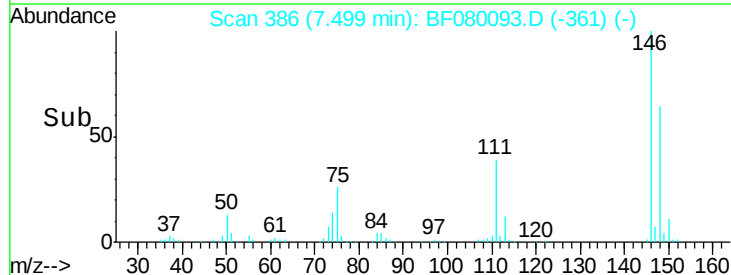
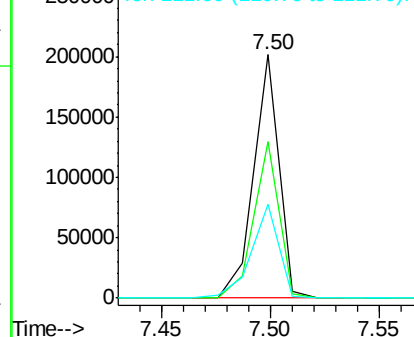


#14
 1,2-Dichlorobenzene
 Concen: 44.09 ng
 RT: 7.50 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Tgt Ion:146 Resp: 161855
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.7 79.1
 111 38.5 28.8 43.2



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: 39.64 ng

RT: 7.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

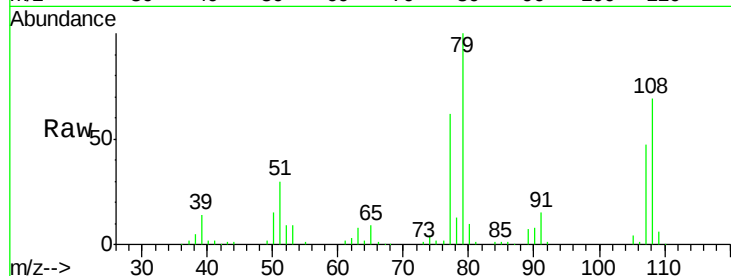
Tgt Ion: 79 Resp: 123205

Ion Ratio Lower Upper

79 100

108 68.8 88.6 132.8#

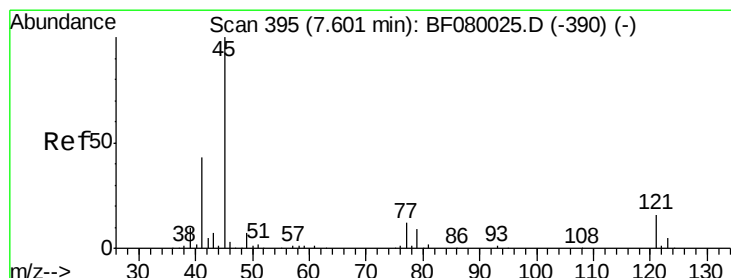
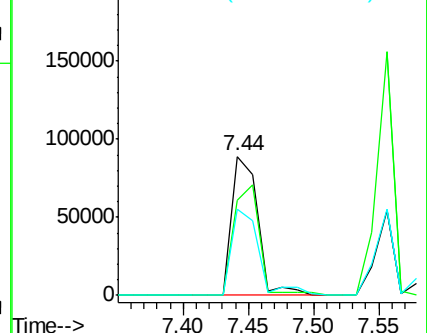
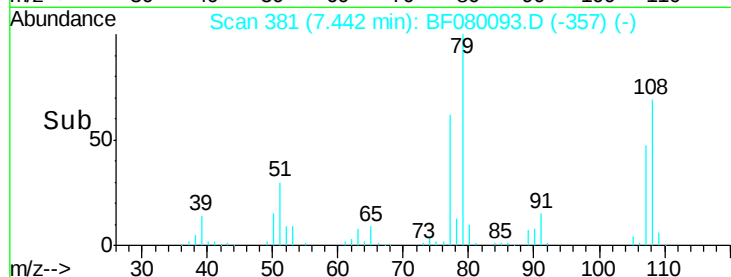
77 62.4 47.0 70.4



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: 47.42 ng

RT: 7.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

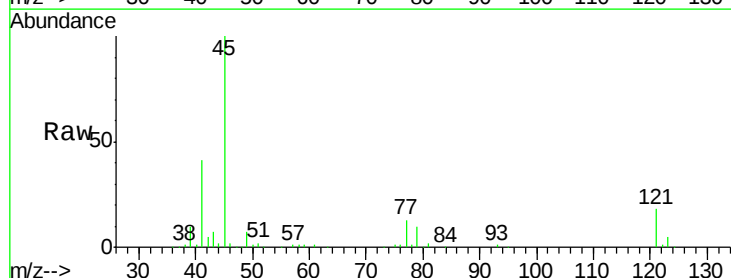
Tgt Ion: 45 Resp: 231683

Ion Ratio Lower Upper

45 100

77 13.0 0.0 28.1

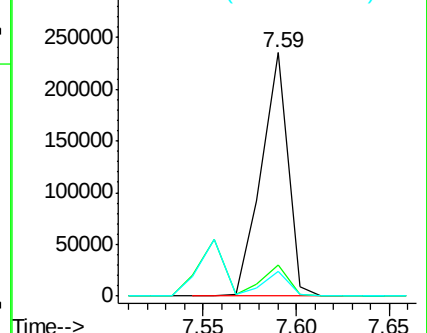
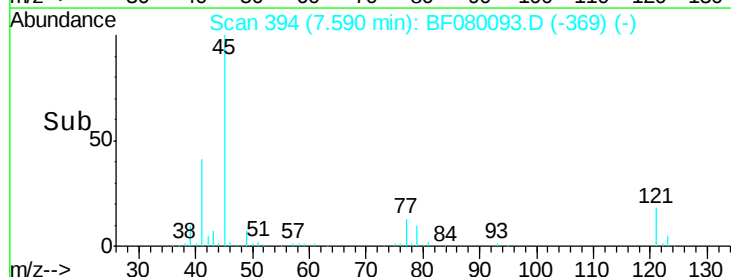
79 10.1 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

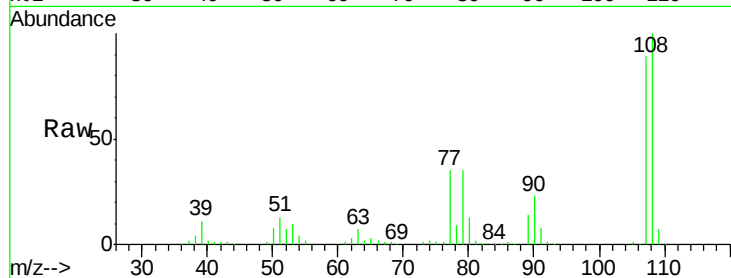




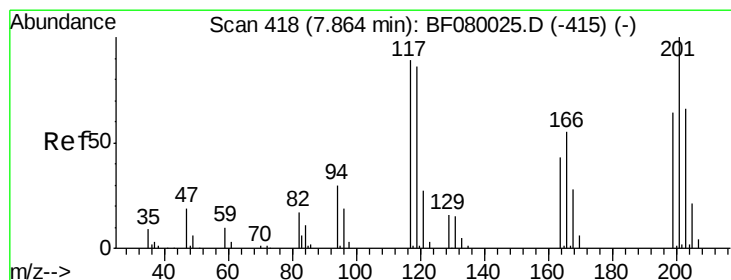
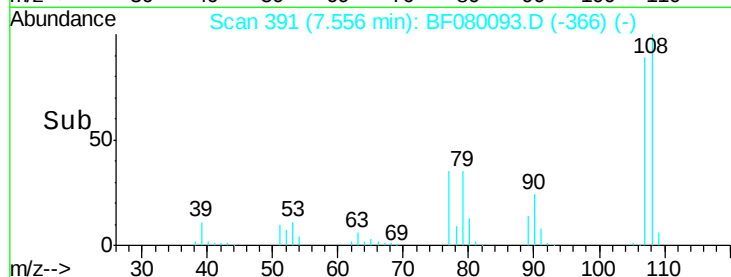
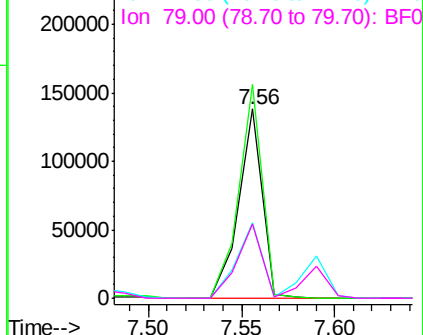
#17
2-Methylphenol
Concen: 43.20 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 121822
Ion Ratio Lower Upper
107 100
108 112.9 96.6 145.0
77 40.0 23.3 34.9#
79 39.4 22.0 33.0#

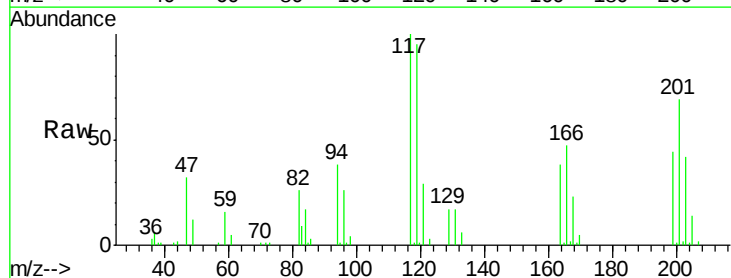


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

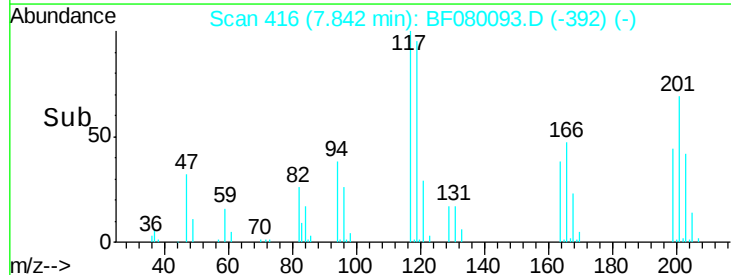
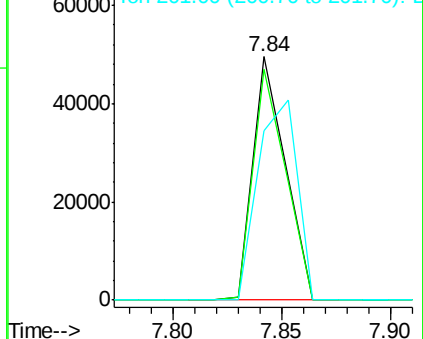


#18
Hexachloroethane
Concen: 40.89 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.02 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

Tgt Ion:117 Resp: 51363
Ion Ratio Lower Upper
117 100
119 94.8 83.8 125.6
201 69.4 55.1 82.7



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

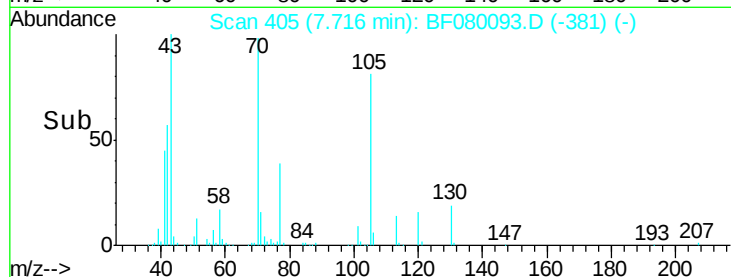
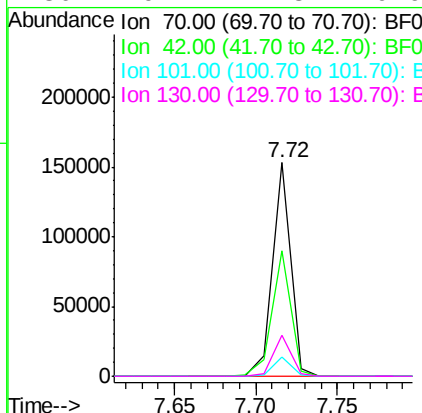
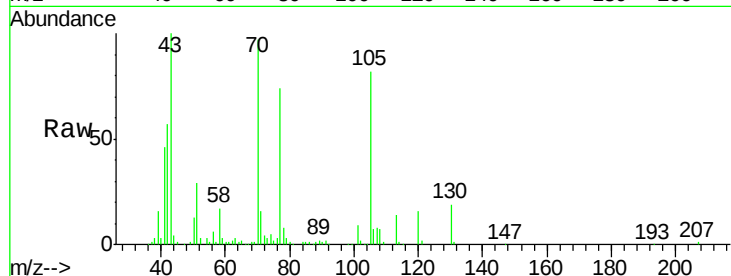




#19
n-Nitroso-di-n-propylamine
Concen: 45.03 ng
RT: 7.72 min Scan# 405
Delta R.T. -0.02 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

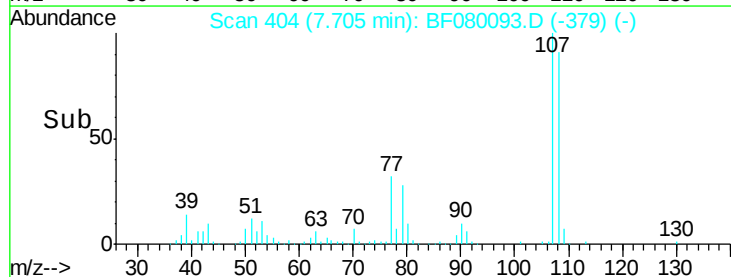
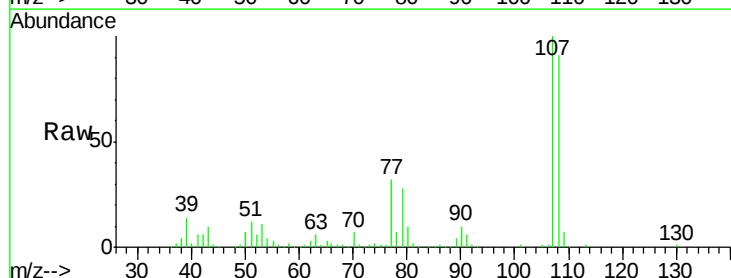
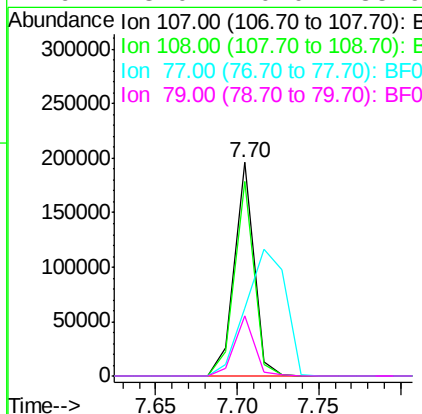
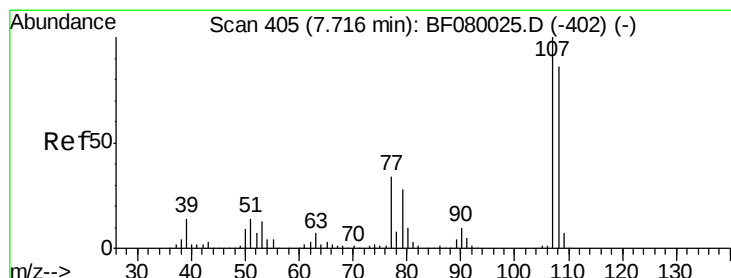
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

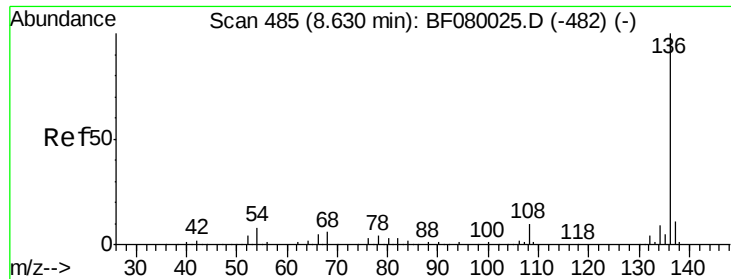
Tgt Ion: 70 Resp: 118836
Ion Ratio Lower Upper
70 100
42 58.9 63.8 95.6#
101 9.0 9.2 13.8#
130 19.2 27.3 40.9#



#20
3+4-Methylphenols
Concen: 44.62 ng
RT: 7.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

Tgt Ion: 107 Resp: 162399
Ion Ratio Lower Upper
107 100
108 90.8 74.6 114.6
77 32.0 0.7 40.7
79 28.0 0.0 38.9

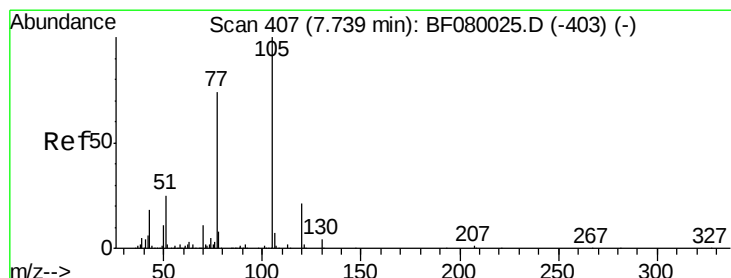
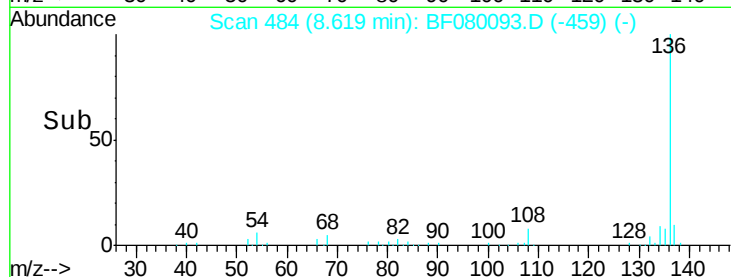
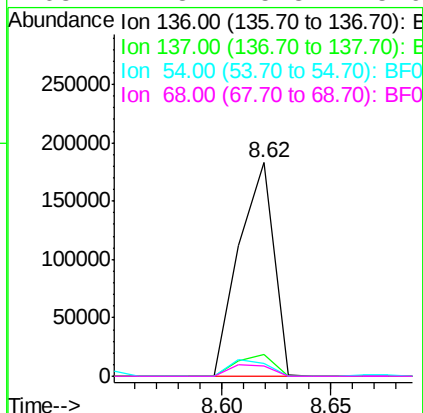
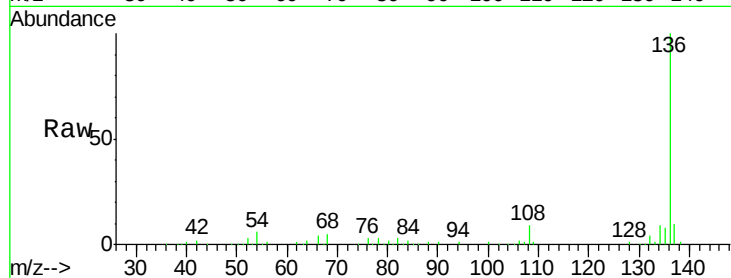




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

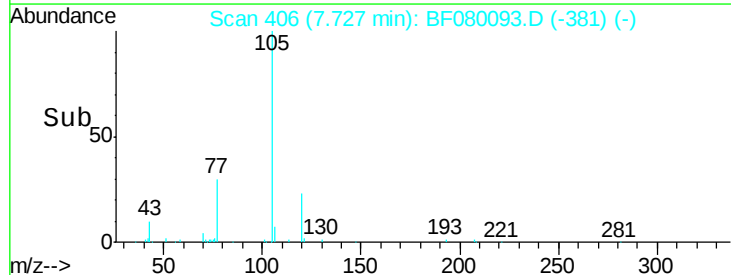
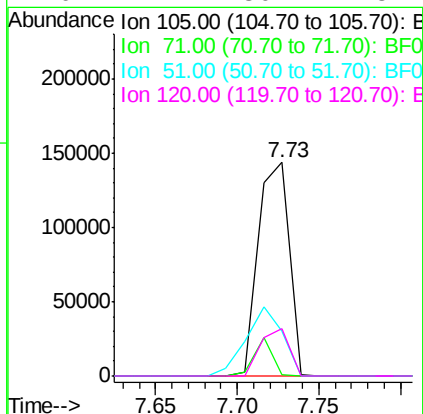
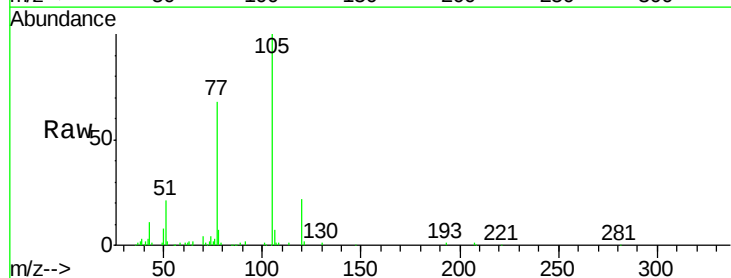
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	203443
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.0	13.6
54	5.9	8.2	12.2#
68	4.8	5.8	8.6#



#22
Acetophenone
Concen: 40.15 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

Tgt Ion:	105	Resp:	190343
Ion Ratio	Lower	Upper	
105	100		
71	0.6	4.7	7.1#
51	20.7	22.0	33.0#
120	22.4	30.1	45.1#

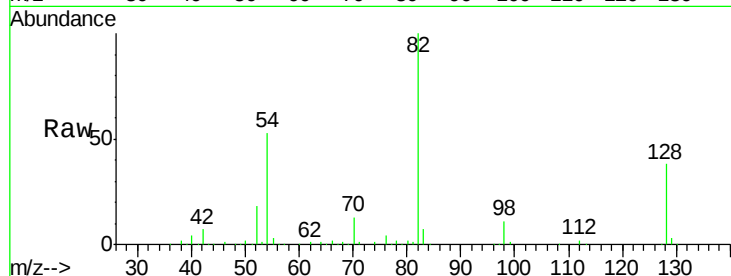




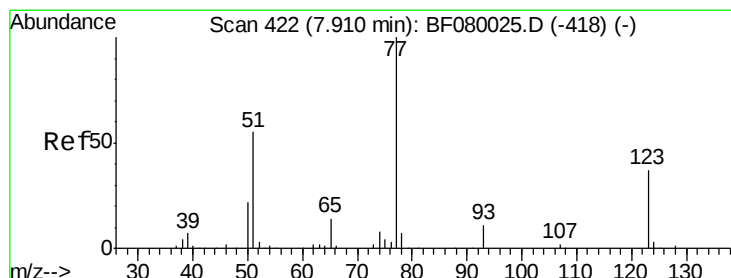
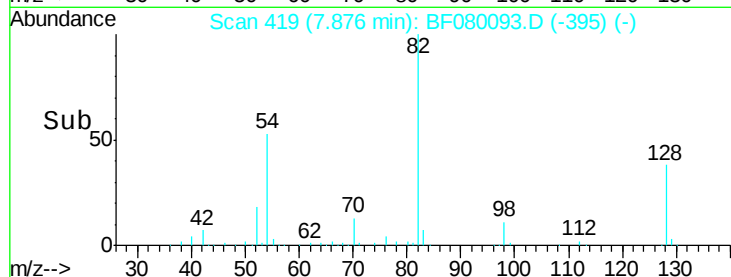
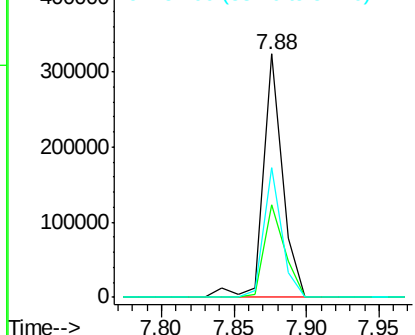
#23
 Nitrobenzene-d5
 Concen: 85.09 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 297367
 Ion Ratio Lower Upper
 82 100
 128 38.2 51.0 76.6#
 54 53.3 47.5 71.3

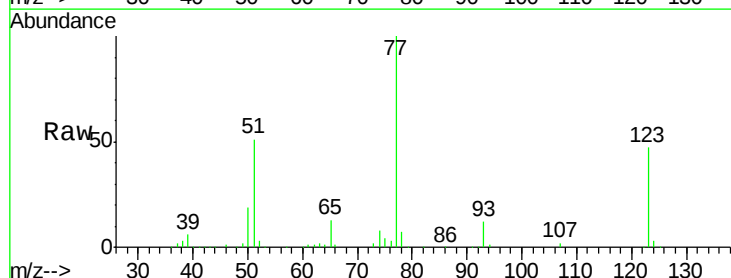


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

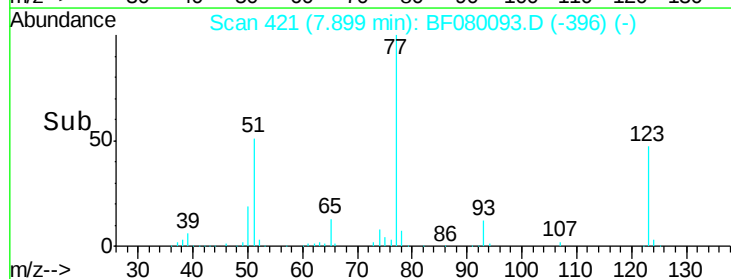
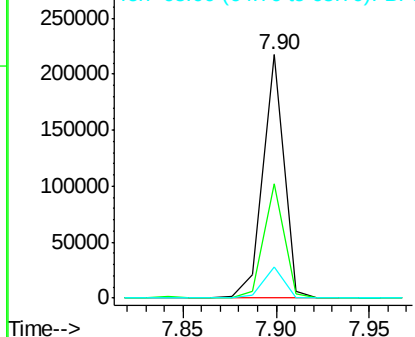


#24
 Nitrobenzene
 Concen: 46.59 ng
 RT: 7.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Tgt Ion: 77 Resp: 168053
 Ion Ratio Lower Upper
 77 100
 123 46.7 59.8 89.8#
 65 12.9 10.2 15.4



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: 40.72 ng

RT: 8.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

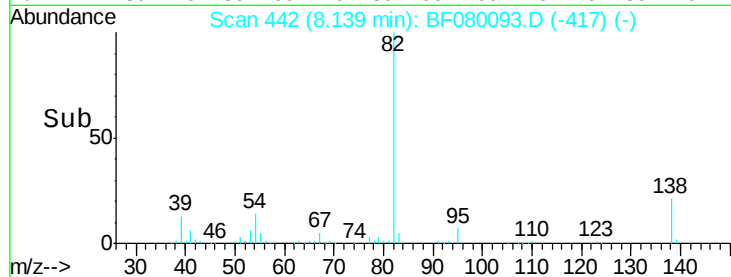
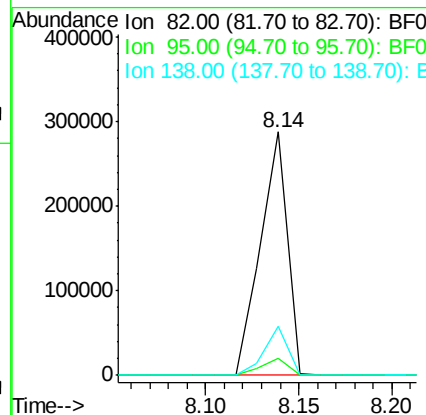
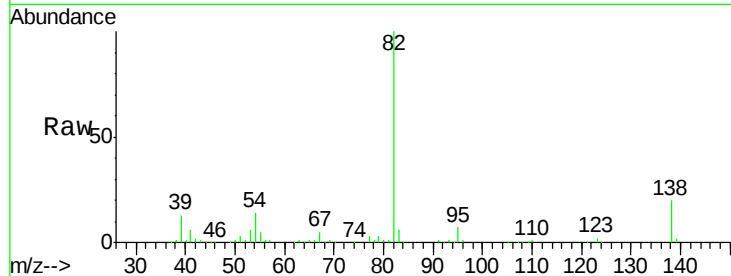
Tgt Ion: 82 Resp: 286374

Ion Ratio Lower Upper

82 100

95 6.9 4.0 6.0#

138 20.4 18.3 27.5



#26

2-Nitrophenol

Concen: 50.41 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

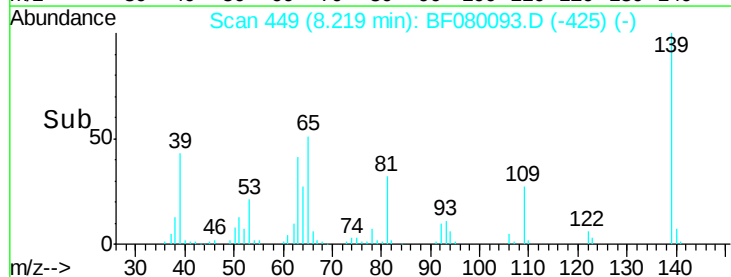
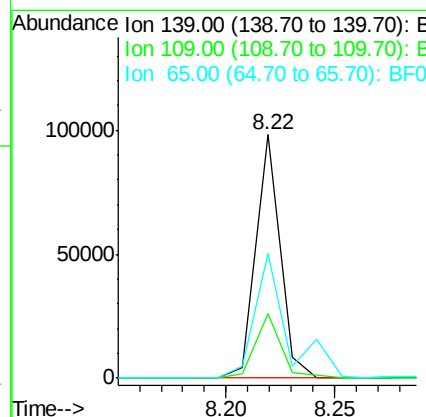
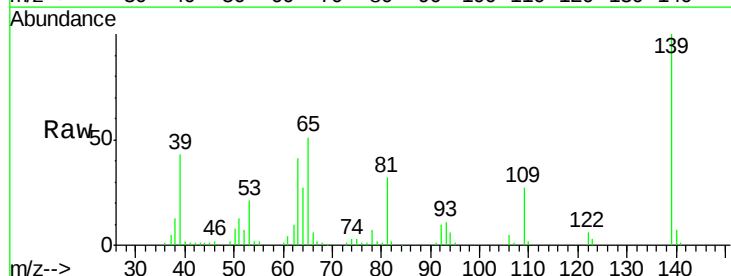
Tgt Ion: 139 Resp: 76113

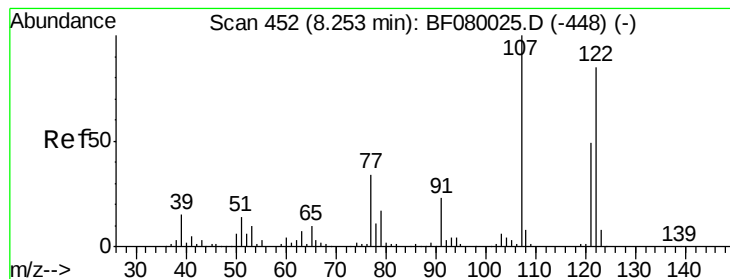
Ion Ratio Lower Upper

139 100

109 26.7 11.0 16.4#

65 51.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 44.98 ng

RT: 8.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

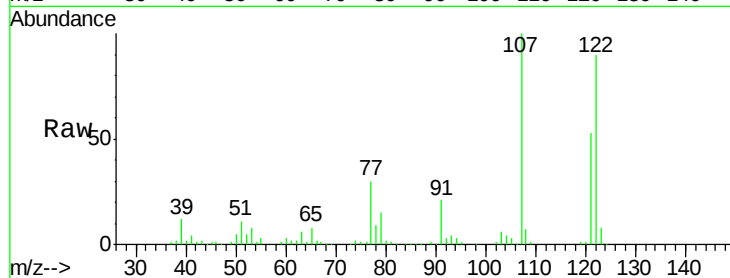
Tgt Ion:122 Resp: 141599

Ion Ratio Lower Upper

122 100

107 110.9 71.8 107.6#

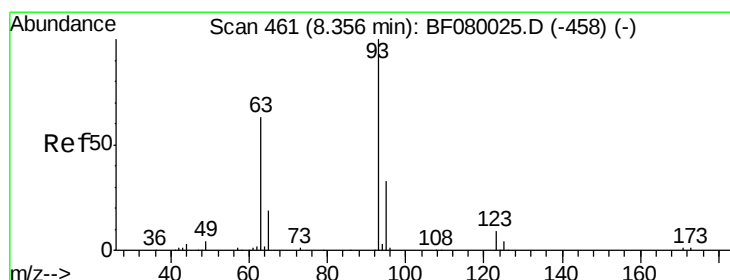
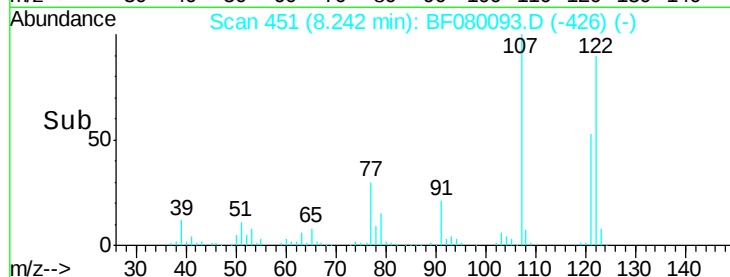
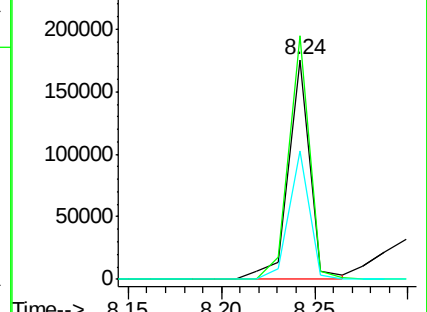
121 58.8 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.85 ng

RT: 8.33 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

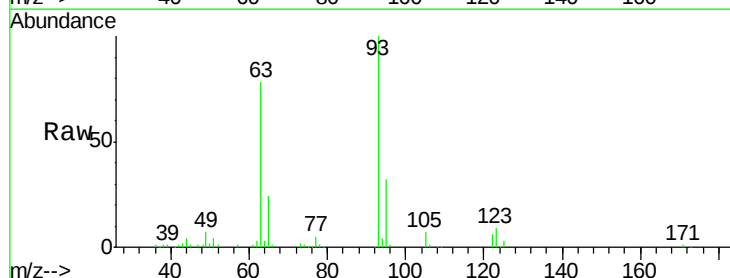
Tgt Ion: 93 Resp: 160533

Ion Ratio Lower Upper

93 100

95 31.6 27.5 41.3

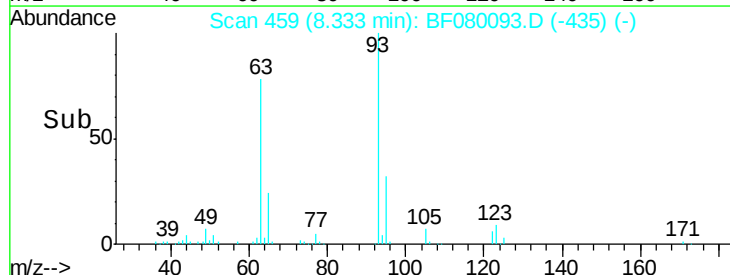
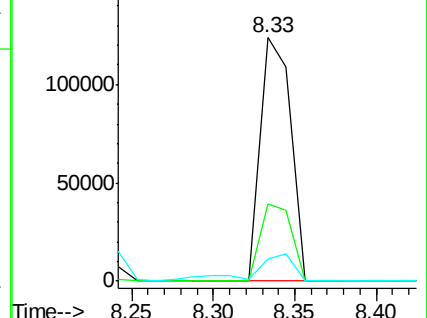
123 8.9 13.7 20.5#

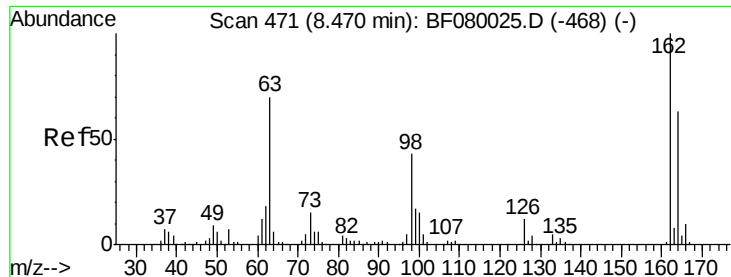


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

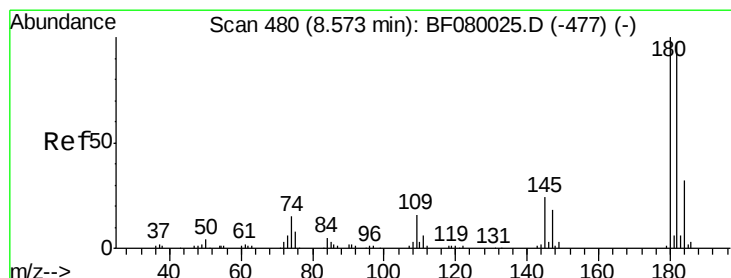
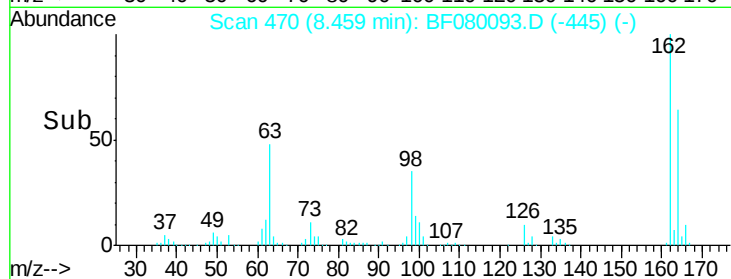
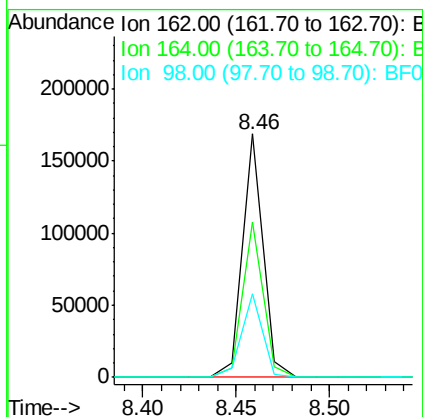
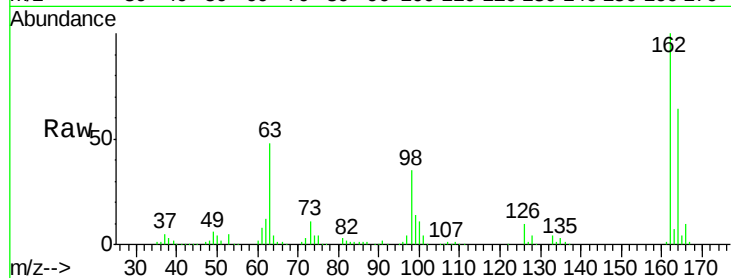




#29
 2,4-Dichlorophenol
 Concen: 48.50 ng
 RT: 8.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

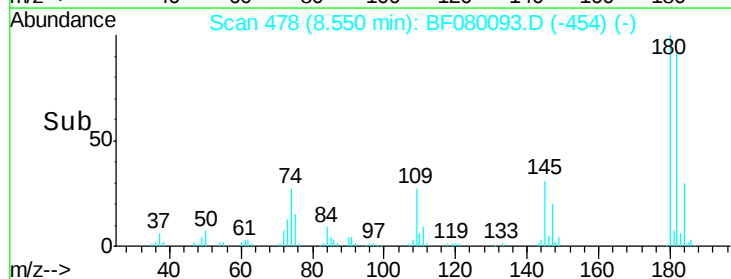
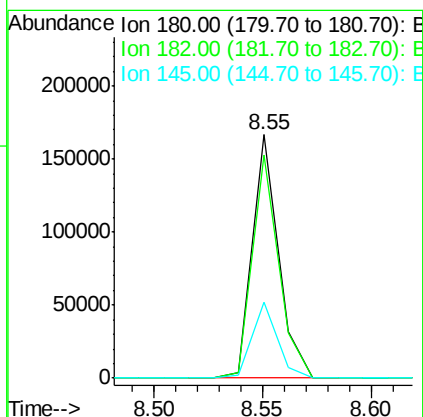
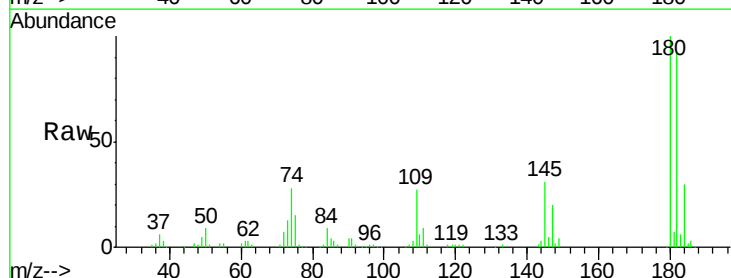
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

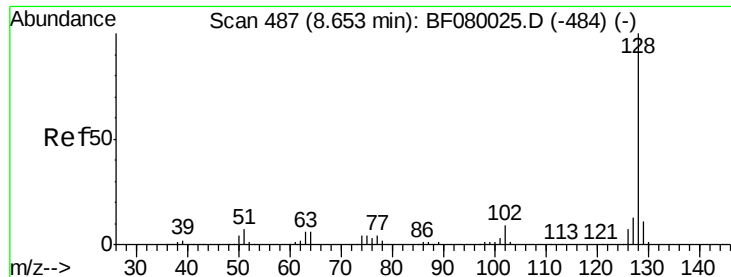
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.9	84.9
98	34.5	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.33 ng
 RT: 8.55 min Scan# 478
 Delta R.T. -0.02 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	77.1	115.7
145	31.3	23.3	34.9

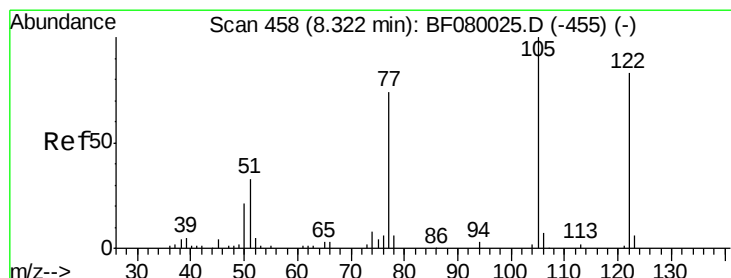
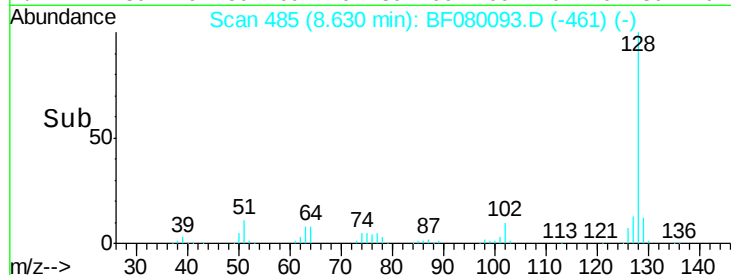
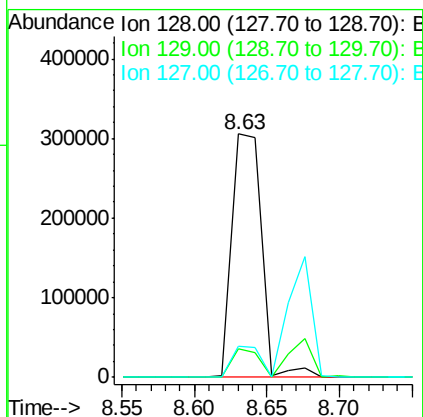
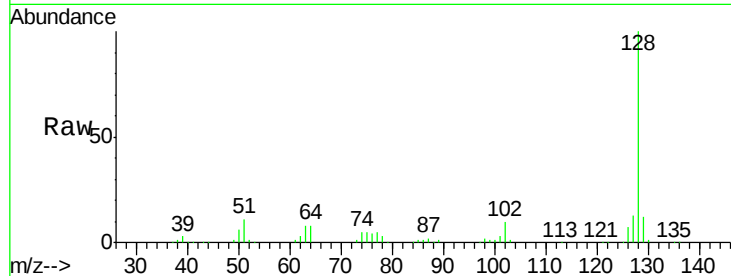




#31
Naphthalene
Concen: 40.59 ng
RT: 8.63 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

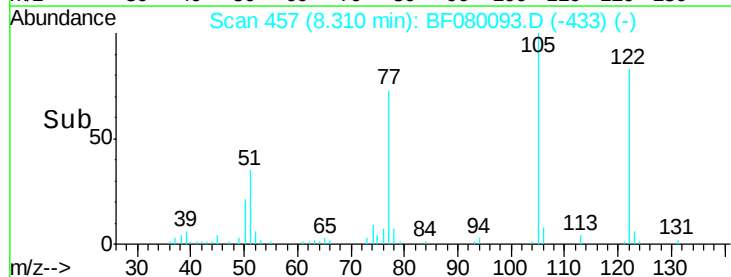
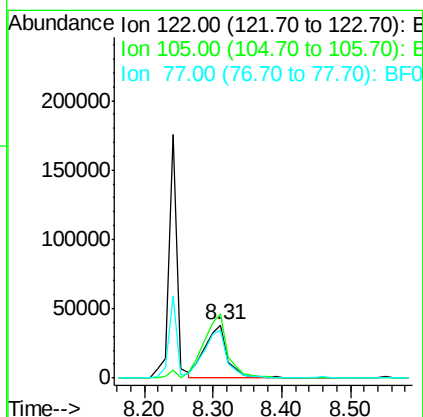
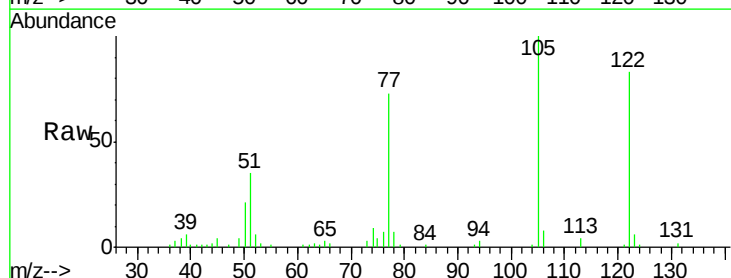
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

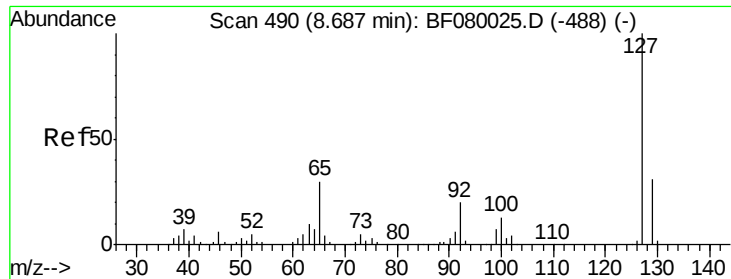
Tgt Ion:128 Resp: 431750
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.0 9.9 14.9



#32
Benzoic acid
Concen: 47.50 ng
RT: 8.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

Tgt Ion:122 Resp: 90421
Ion Ratio Lower Upper
122 100
105 121.1 76.1 116.1#
77 88.7 40.5 80.5#

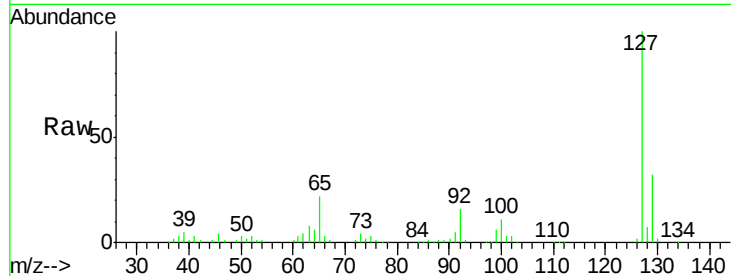




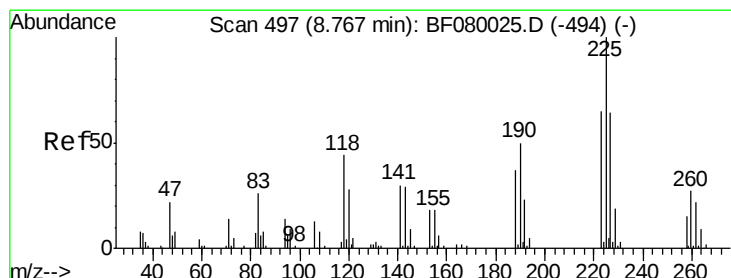
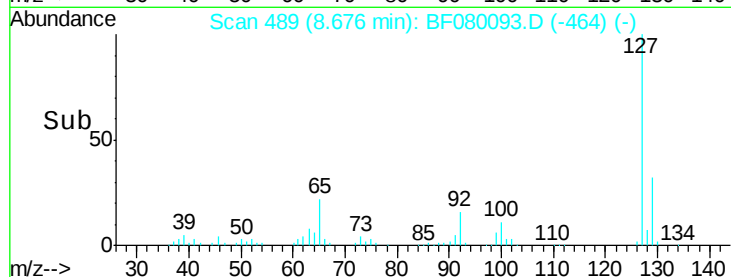
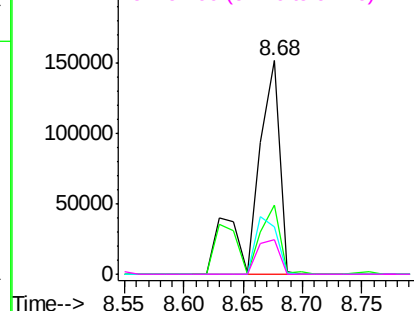
#33
4-Chloroaniline
Concen: 49.17 ng
RT: 8.68 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	223808
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	22.2	17.9	26.9
92	16.2	10.5	15.7#

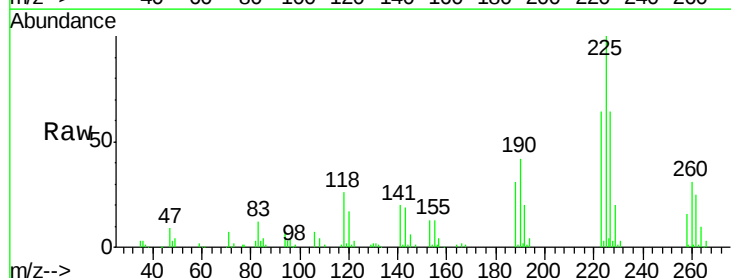


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

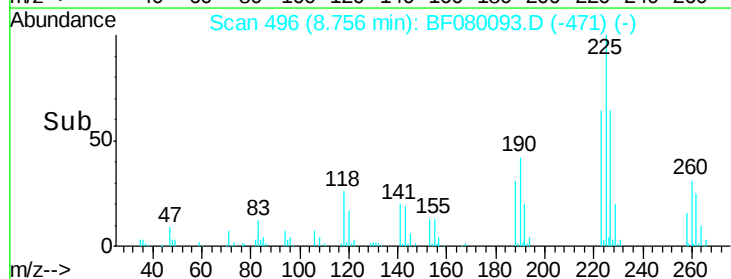
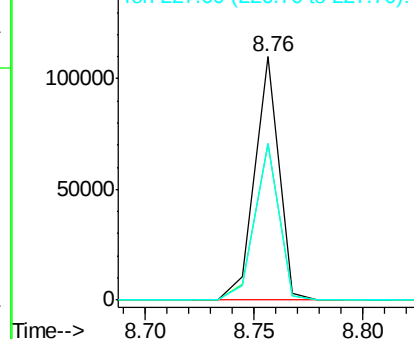


#34
Hexachlorobutadiene
Concen: 45.15 ng
RT: 8.76 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF080093.D
Acq: 22 Jun 2015 11:40

Tgt Ion:	225	Resp:	85121
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.2
227	64.2	52.2	78.2



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

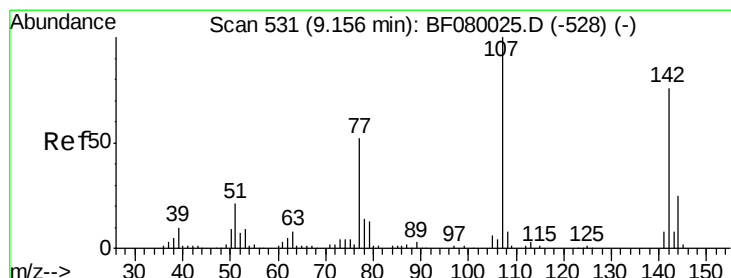
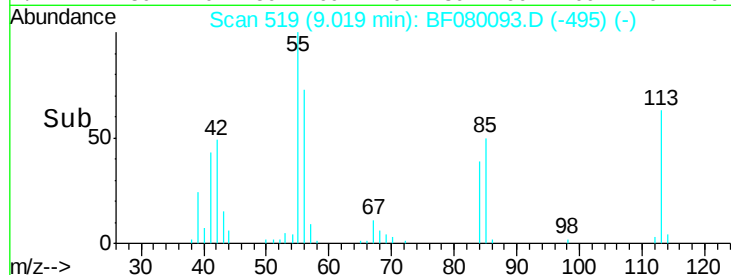
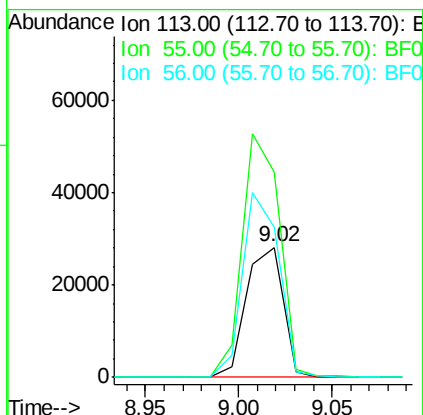
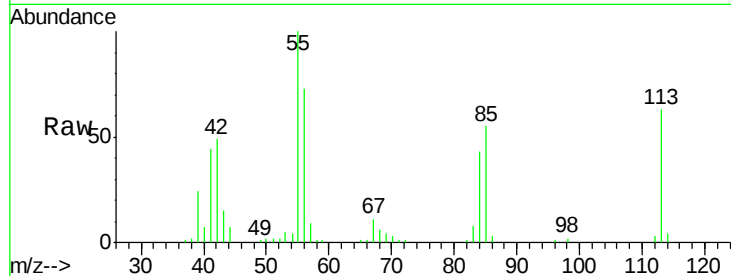




#35
 Caprolactam
 Concen: 43.87 ng
 RT: 9.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

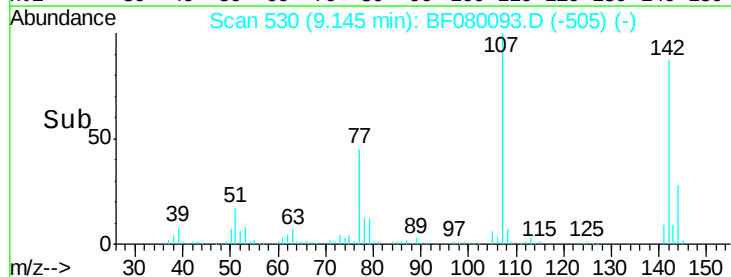
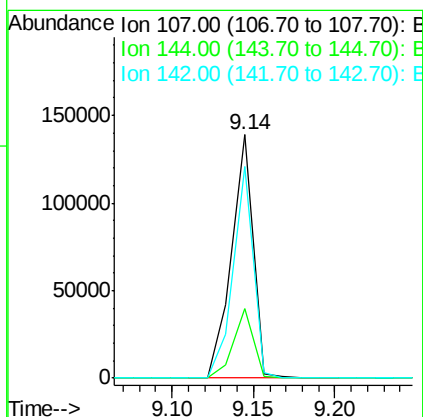
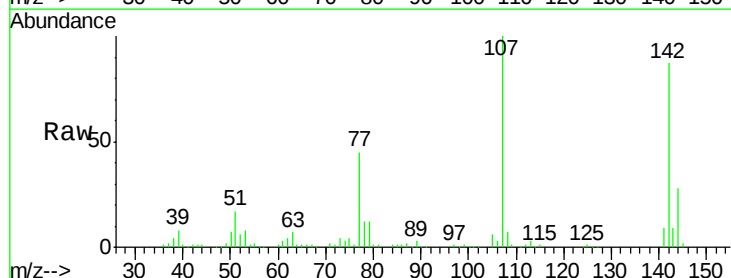
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 38390
 Ion Ratio Lower Upper
 113 100
 55 158.3 152.4 192.4
 56 116.1 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.67 ng
 RT: 9.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Tgt Ion:107 Resp: 126705
 Ion Ratio Lower Upper
 107 100
 144 28.4 25.4 38.0
 142 87.2 77.3 115.9

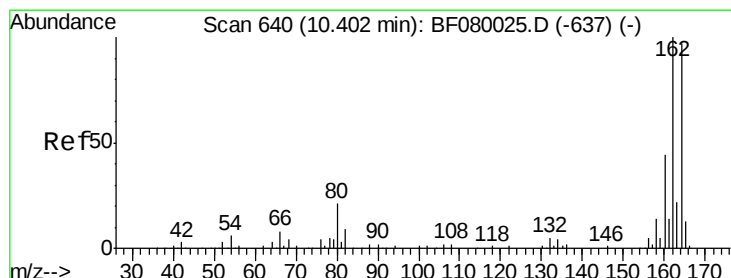
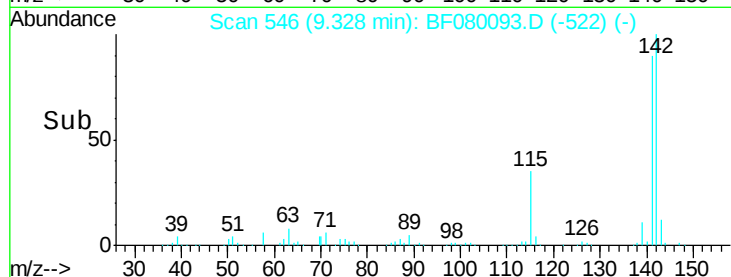
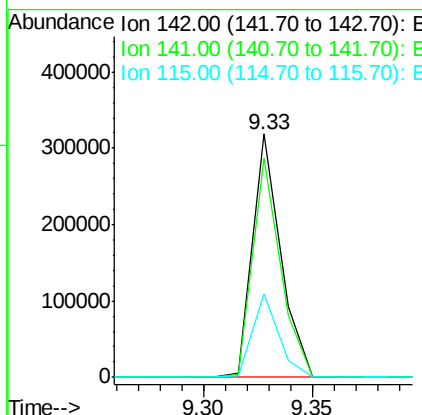
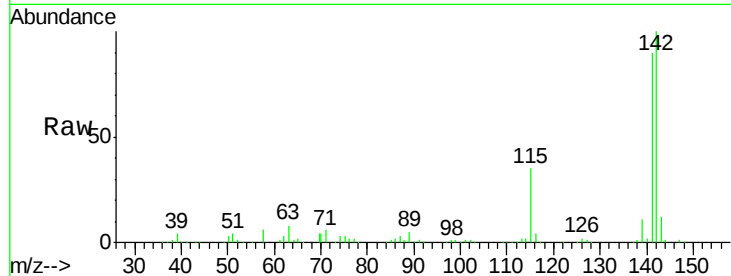




#37
 2-Methylnaphthalene
 Concen: 41.65 ng
 RT: 9.33 min Scan# 546
 Delta R.T. -0.02 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

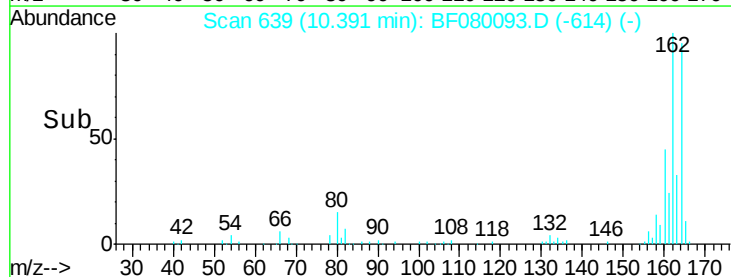
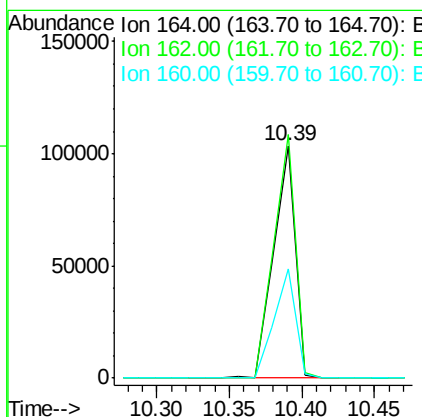
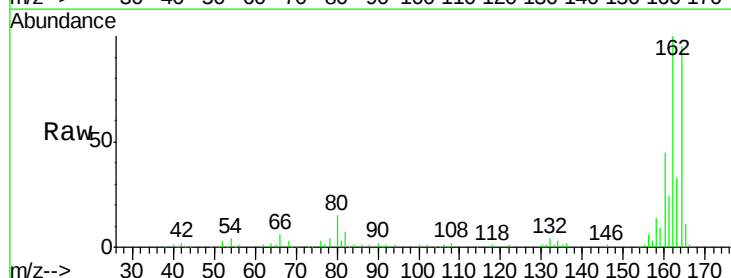
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

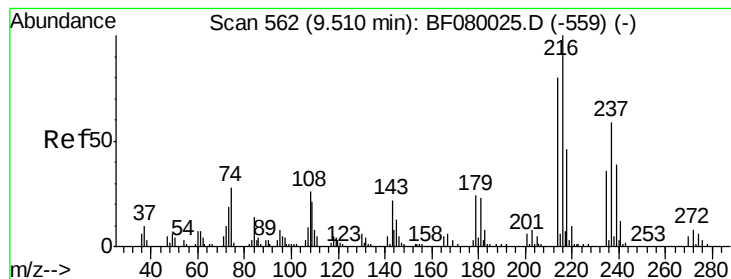
Tgt Ion:142 Resp: 286539
 Ion Ratio Lower Upper
 142 100
 141 89.9 67.5 101.3
 115 34.5 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Tgt Ion:164 Resp: 107557
 Ion Ratio Lower Upper
 164 100
 162 104.9 75.2 112.8
 160 47.1 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.09 ng

RT: 9.50 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 141133

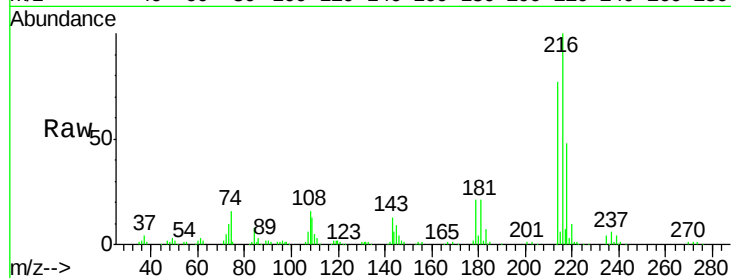
Ion Ratio Lower Upper

216 100

214 77.8 63.5 95.3

179 21.2 16.6 24.8

108 18.3 16.3 24.5

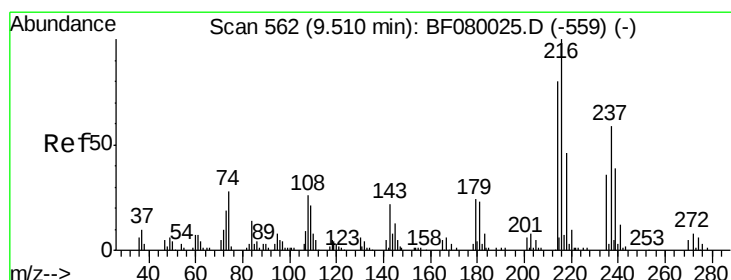
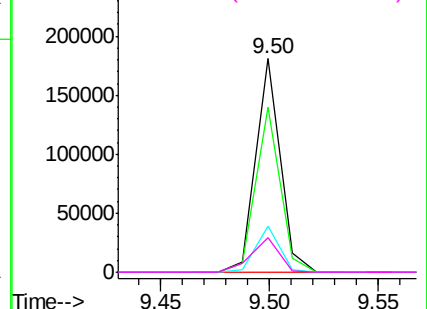
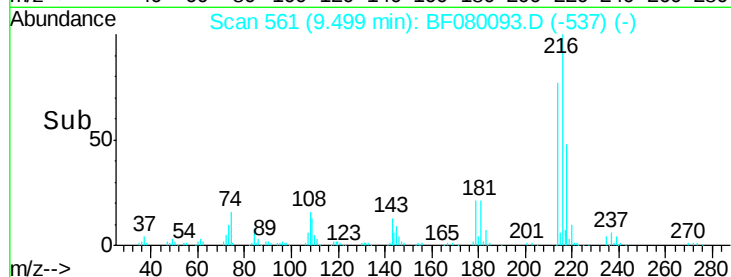


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.59 ng

RT: 9.49 min Scan# 560

Delta R.T. -0.02 min

Lab File: BF080093.D

Acq: 22 Jun 2015 11:40

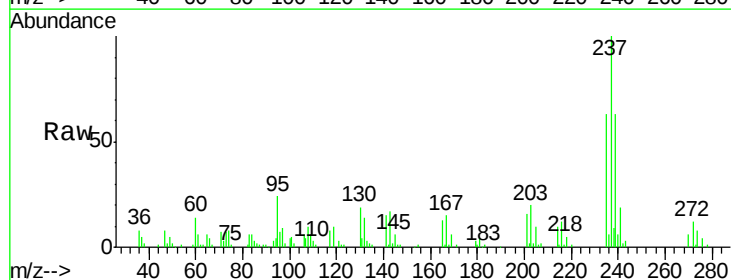
Tgt Ion:237 Resp: 59996

Ion Ratio Lower Upper

237 100

235 62.6 42.0 82.0

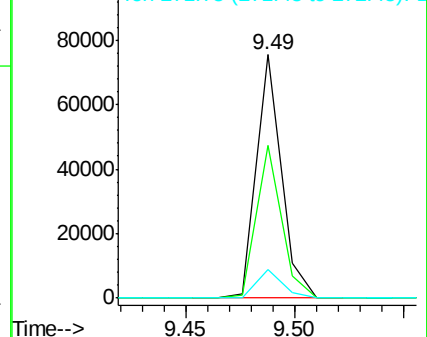
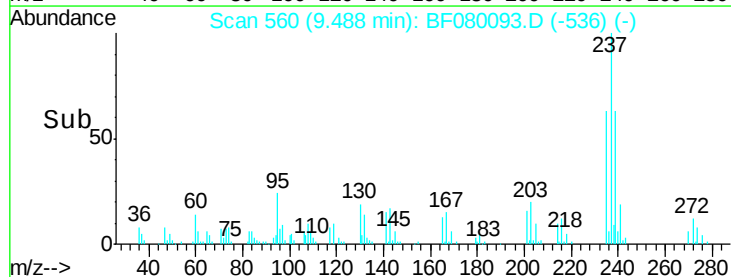
272 11.6 0.0 36.1



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

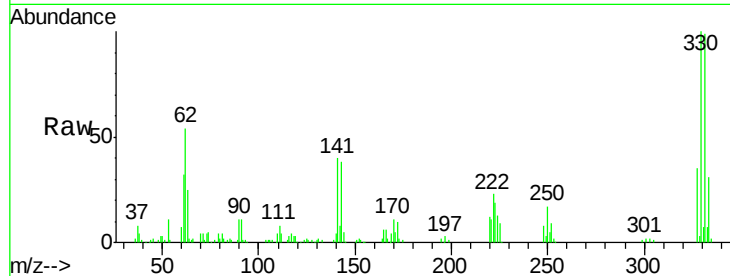




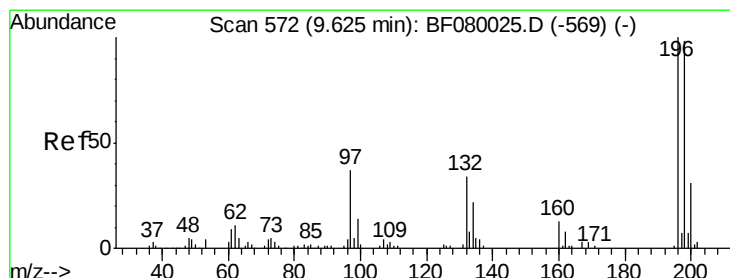
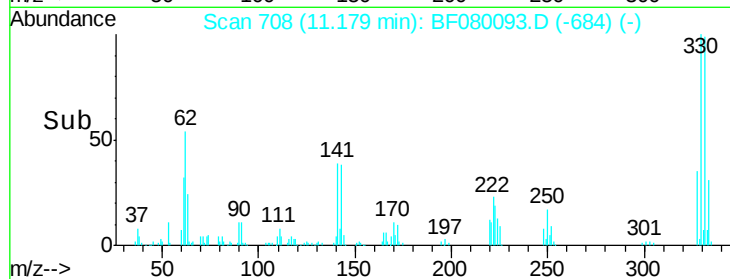
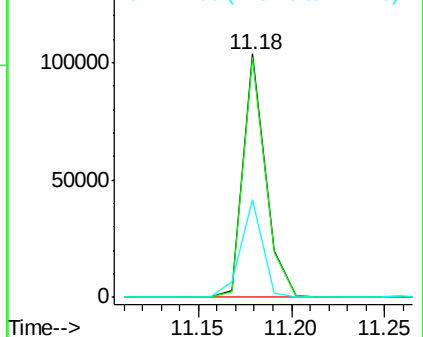
#41
 2,4,6-Tribromophenol
 Concen: 82.80 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.02 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 87085
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 39.3 29.7 44.5

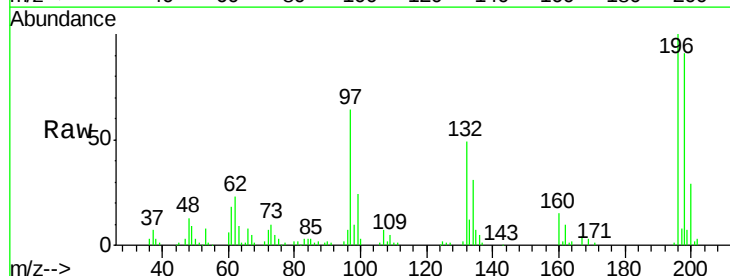


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

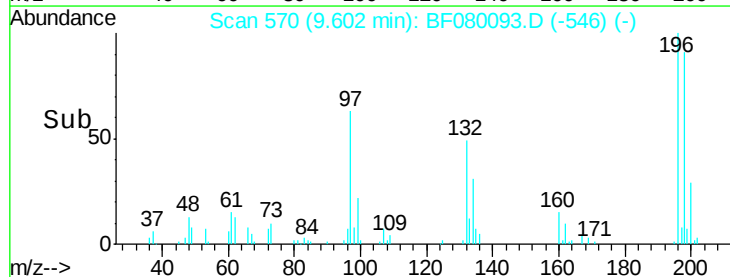
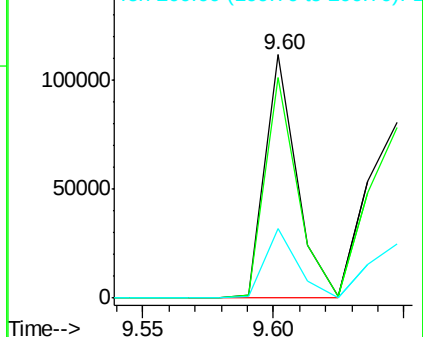


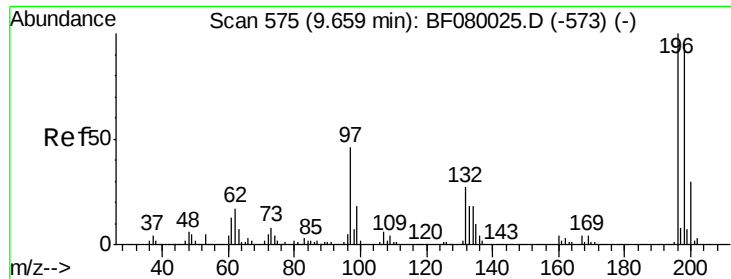
#42
 2,4,6-Trichlorophenol
 Concen: 44.51 ng
 RT: 9.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Tgt Ion:196 Resp: 94789
 Ion Ratio Lower Upper
 196 100
 198 90.6 75.7 113.5
 200 28.5 23.9 35.9



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

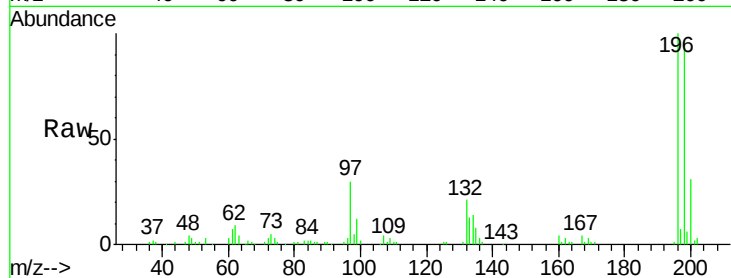




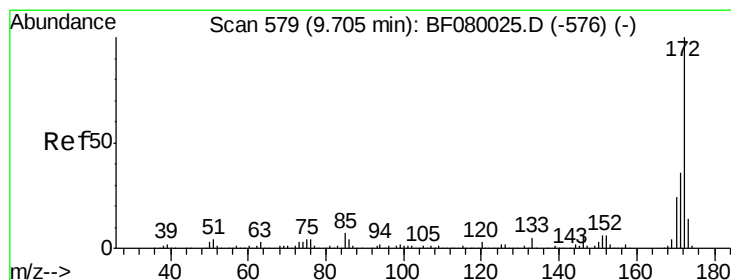
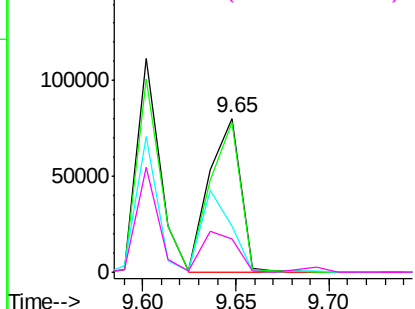
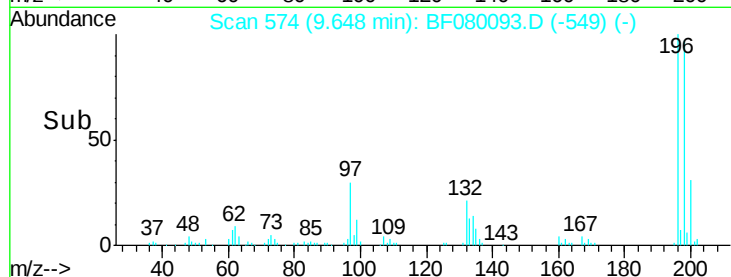
#43
 2,4,5-Trichlorophenol
 Concen: 38.19 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 93716
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.4 113.0
 97 29.6 33.3 49.9#
 132 21.4 24.6 37.0#

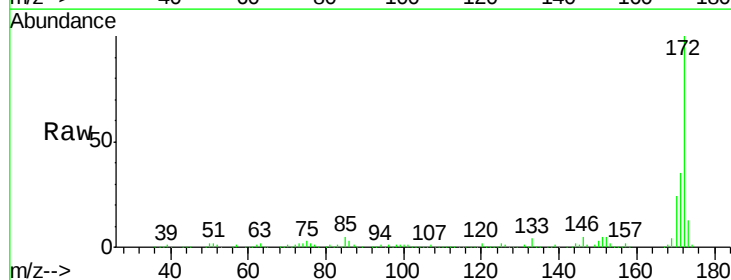


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

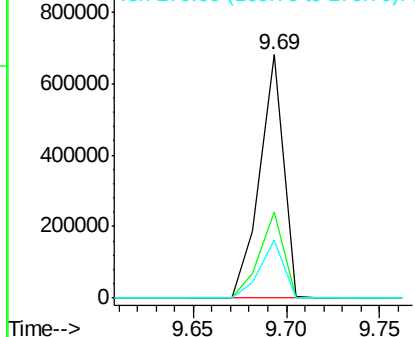
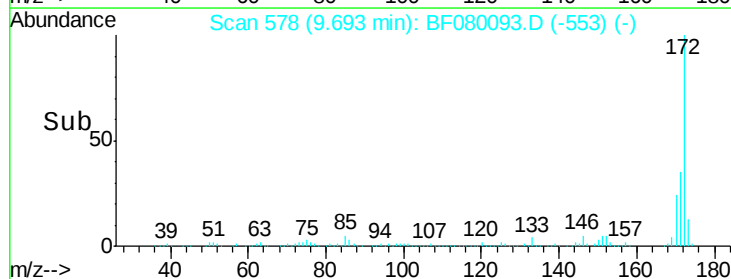


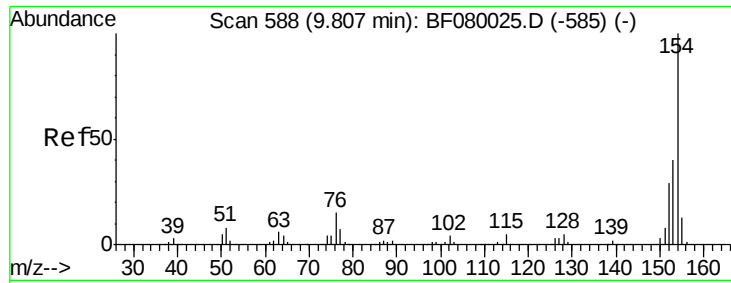
#44
 2-Fluorobiphenyl
 Concen: 79.72 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Tgt Ion:172 Resp: 601232
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.9 17.4 26.2



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

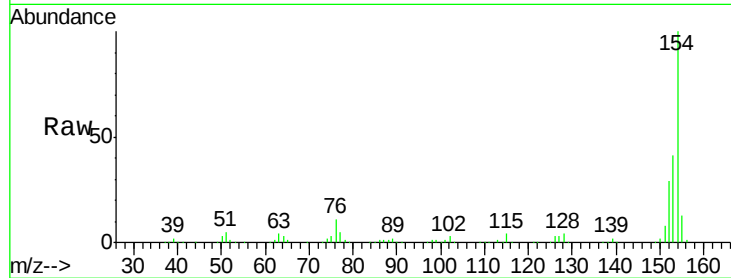




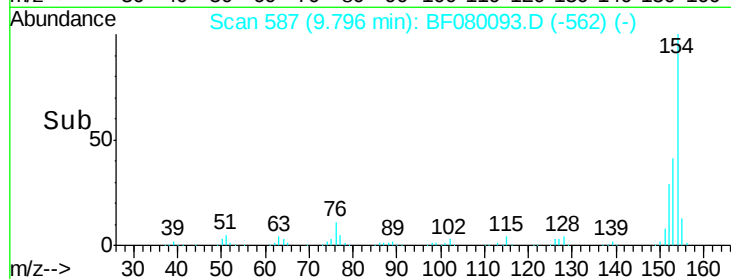
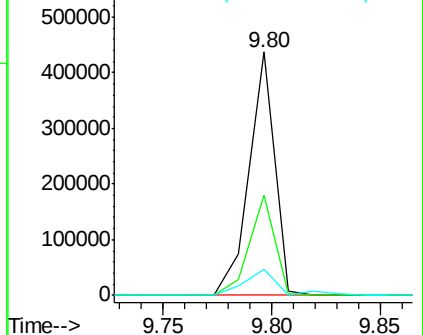
#45
 1,1'-Biphenyl
 Concen: 40.64 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.01 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	17.1	57.1
76	10.9	0.0	31.6

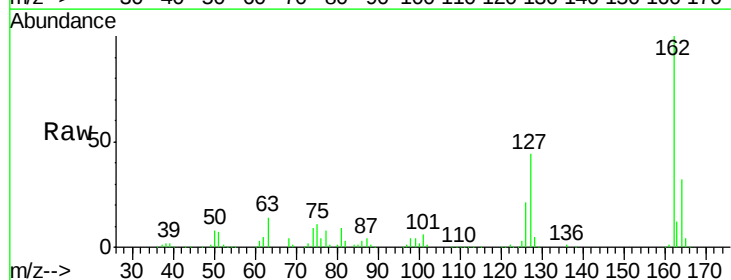


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 38.57 ng
 RT: 9.82 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF080093.D
 Acq: 22 Jun 2015 11:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.6	27.6	41.4#
164	32.1	25.4	38.2



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

