

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097654.D
 Acq On : 13 Aug 2017 3:30
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 14 05:25:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	107675	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	431489	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	167828	20.00	ng	-0.01
63) Phenanthrene-d10	14.76	188	237025	20.00	ng	0.00
75) Chrysene-d12	18.45	240	157517	20.00	ng	-0.01
86) Perylene-d12	20.12	264	151981	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	585555	86.44	ng	0.02
7) Phenol-d6	7.09	99	659313	78.46	ng	0.03
23) Nitrobenzene-d5	8.43	82	592758	86.14	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	84109	65.93	ng	0.00
44) 2-Fluorobiphenyl	11.31	172	889245	79.97	ng	-0.01
78) Terphenyl-d14	17.11	244	533491	70.10	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.80	88	117107	39.84	ng	# 73
3) Pyridine	2.39	79	351772	41.03	ng	# 63
4) n-Nitrosodimethylamine	2.36	42	202850	40.77	ng	# 75
6) Aniline	7.00	93	477292	39.52	ng	98
8) 2-Chlorophenol	7.20	128	317087	40.83	ng	94
9) Benzaldehyde	6.82	77	227965	41.14	ng	97
10) Phenol	7.10	94	393884	42.81	ng	96
11) bis(2-Chloroethyl)ether	7.15	93	320947	43.49	ng	88
12) 1,3-Dichlorobenzene	7.40	146	349440	40.18	ng	98
13) 1,4-Dichlorobenzene	7.53	146	359769	40.64	ng	95
14) 1,2-Dichlorobenzene	7.76	146	332631	41.18	ng	98
15) Benzyl Alcohol	7.81	79	247191	42.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	695260	41.96	ng	91
17) 2-Methylphenol	8.05	107	244815	40.68	ng	98
18) Hexachloroethane	8.28	117	117516	38.80	ng	# 80
19) n-Nitroso-di-n-propylamine	8.24	70	240792	41.20	ng	# 82
20) 3+4-Methylphenols	8.30	107	317261	43.04	ng	# 59
22) Acetophenone	8.19	105	433237	42.50	ng	# 97
24) Nitrobenzene	8.45	77	327540	43.68	ng	96
25) Isophorone	8.85	82	523606	41.31	ng	98
26) 2-Nitrophenol	8.96	139	165702	43.69	ng	# 87
27) 2,4-Dimethylphenol	9.12	122	266236	42.09	ng	96
28) bis(2-Chloroethoxy)methane	9.23	93	390103	42.59	ng	99
29) 2,4-Dichlorophenol	9.40	162	227163	40.73	ng	95
30) 1,2,4-Trichlorobenzene	9.46	180	231507	41.87	ng	97
31) Naphthalene	9.57	128	867964	40.16	ng	100
32) Benzoic acid	9.45	122	94896	27.84	ng	91
33) 4-Chloroaniline	9.72	127	366413	40.92	ng	98
34) Hexachlorobutadiene	9.79	225	127366	42.17	ng	99
35) Caprolactam	10.34	113	39806	22.15	ng	# 54
36) 4-Chloro-3-methylphenol	10.60	107	246933	39.41	ng	86
37) 2-Methylnaphthalene	10.69	142	543323	39.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	203778	42.88	ng	100
40) Hexachlorocyclopentadiene	10.95	237	2190	13.57	ng	90

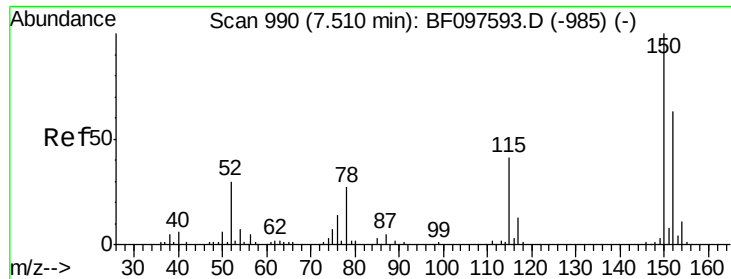
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	131625	42.04	nq	97
43) 2,4,5-Trichlorophenol	11.30	196	110153	37.25	nq	98
45) 1,1'-Biphenyl	11.46	154	605076	42.02	nq	97
46) 2-Chloronaphthalene	11.47	162	454286	41.09	nq	# 92
47) 2-Nitroaniline	11.70	65	181419	41.89	nq	96
48) Acenaphthylene	12.13	152	702432	39.97	nq	99
49) Dimethylphthalate	12.01	163	535100	41.37	nq	99
50) 2,6-Dinitrotoluene	12.11	165	107337	40.19	nq	# 72
51) Acenaphthene	12.42	154	411570	39.08	nq	99
52) 3-Nitroaniline	12.38	138	140936	40.30	nq	# 94
53) 2,4-Dinitrophenol	12.66	184	3412	3.10	nq	# 75
54) Dibenzofuran	12.70	168	580557	39.37	nq	98
55) 4-Nitrophenol	12.70	139	229622	172.41	nq	# 27
56) 2,4-Dinitrotoluene	12.77	165	144122	40.43	nq	# 76
57) Fluorene	13.25	166	469340	38.70	nq	97
58) 2,3,4,6-Tetrachlorophenol	12.95	232	56373	27.76	nq	# 84
59) Diethylphthalate	13.16	149	510711	41.81	nq	98
60) 4-Chlorophenyl-phenylether	13.28	204	210732	40.71	nq	95
61) 4-Nitroaniline	13.38	138	121427	36.40	nq	97
62) Azobenzene	13.53	77	471465	38.79	nq	92
64) 4,6-Dinitro-2-methylphenol	13.45	198	26292	18.18	nq	# 84
65) n-Nitrosodiphenylamine	13.49	169	402000	45.89	nq	98
66) 4-Bromophenyl-phenylether	14.06	248	114023	46.37	nq	99
67) Hexachlorobenzene	14.14	284	114218	42.64	nq	# 89
68) Atrazine	14.42	200	92805	42.23	nq	93
69) Pentachlorophenol	14.51	266	105603	Below	Cal	99
70) Phenanthrene	14.80	178	543973	39.85	nq	97
71) Anthracene	14.88	178	552276	39.54	nq	97
72) Carbazole	15.17	167	510090	38.36	nq	99
73) Di-n-butylphthalate	15.75	149	704569	45.27	nq	99
74) Fluoranthene	16.56	202	468592	37.99	nq	99
76) Benzidine	16.79	184	172953	33.32	nq	95
77) Pyrene	16.86	202	474243	36.41	nq	99
79) Butylbenzylphthalate	17.77	149	233621	42.90	nq	# 81
80) Benzo(a)anthracene	18.44	228	372290	40.47	nq	99
81) 3,3'-Dichlorobenzidine	18.43	252	135238	42.62	nq	# 96
82) Chrysene	18.49	228	363880	39.77	nq	99
83) Bis(2-ethylhexyl)phthalate	18.52	149	317512	40.99	nq	100
84) Di-n-octyl phthalate	19.29	149	538223	39.79	nq	# 92
85) Indeno(1,2,3-cd)pyrene	21.34	276	325212	45.70	nq	96
87) Benzo(b)fluoranthene	19.72	252	368291	40.36	nq	99
88) Benzo(k)fluoranthene	19.74	252	381394	41.49	nq	# 93
89) Benzo(a)pyrene	20.06	252	326089	38.93	nq	99
90) Dibenzo(a,h)anthracene	21.34	278	287553	47.95	nq	95
91) Benzo(g,h,i)perylene	21.69	276	283361	43.07	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.50 min Scan# 989

Delta R.T. -0.01 min

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Acq: 13 Aug 2017 3:30

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BNA_F

ClientSampleId :

SSTDCCC040

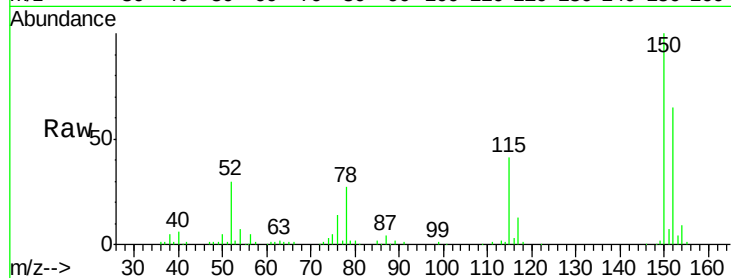
Tot Ion:152 Resp: 107675

Ion Ratio Lower Upper

152 100

150 154.7 126.2 189.2

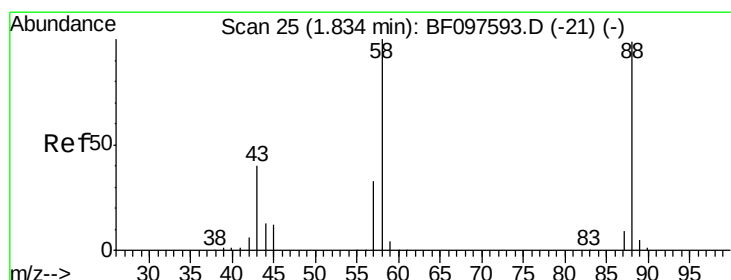
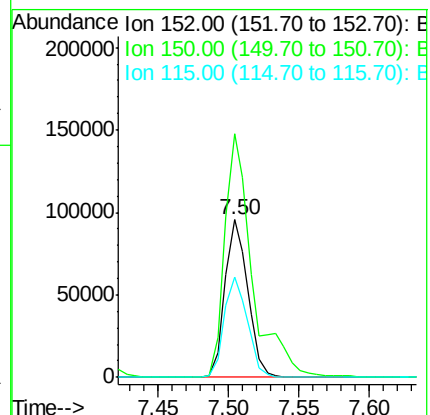
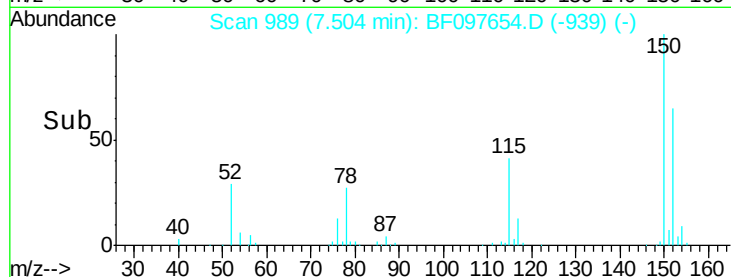
115 63.6 52.2 78.2



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: 39.84 ng

RT: 1.80 min Scan# 20

Delta R.T. -0.03 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

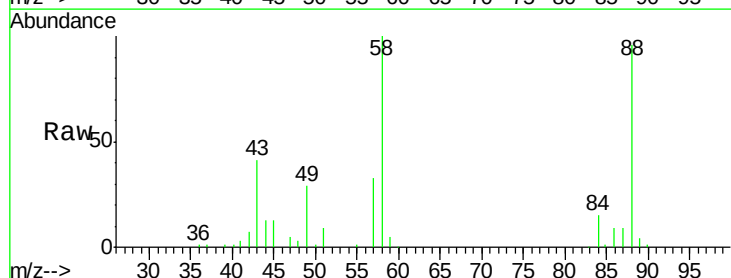
Tgt Ion: 88 Resp: 117107

Ion Ratio Lower Upper

88 100

58 101.0 61.4 92.0#

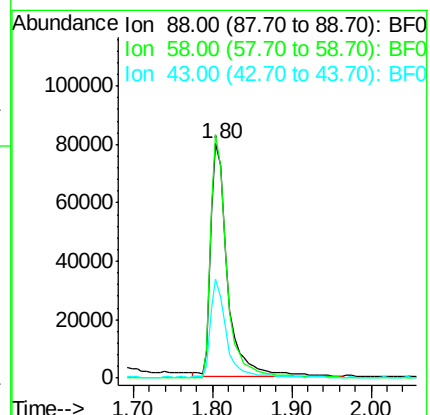
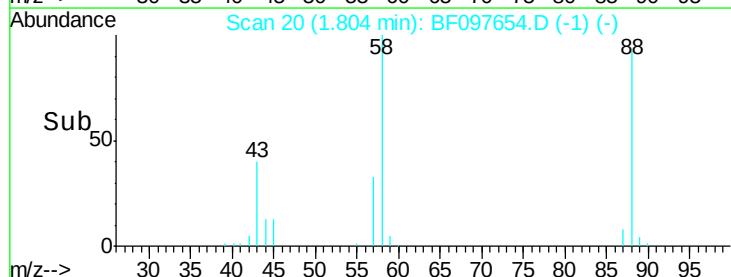
43 41.3 23.4 35.0#

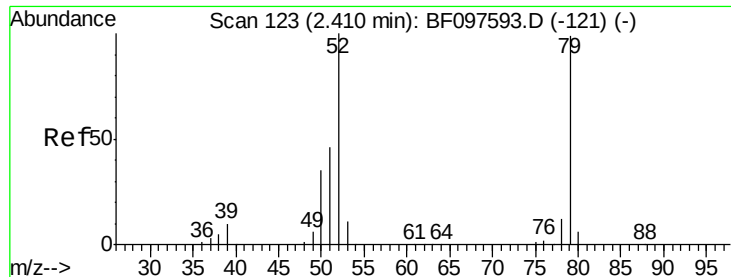


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.03 ng

RT: 2.39 min Scan# 119

Delta R.T. -0.02 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

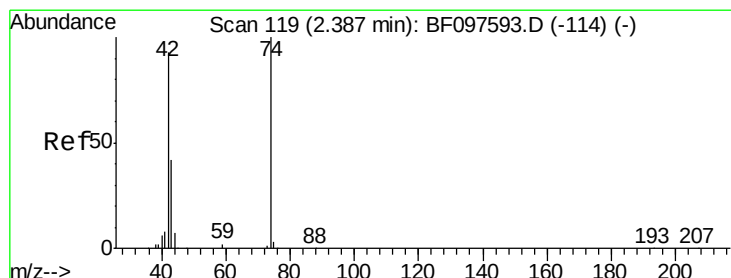
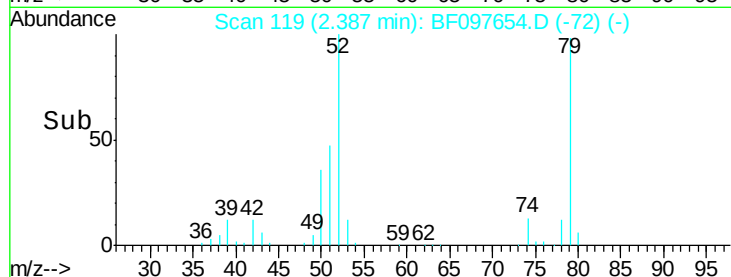
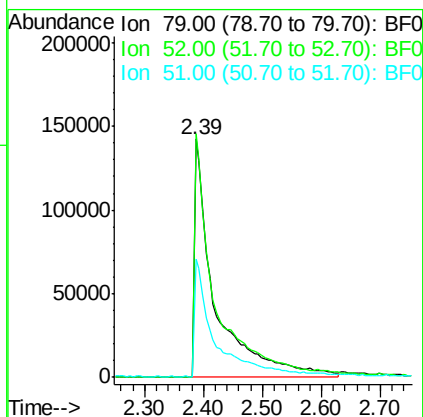
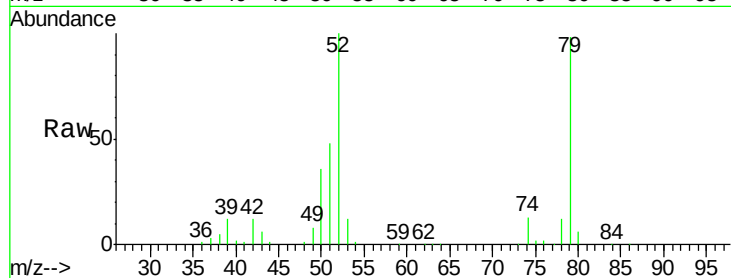
Tot Ion: 79 Resp: 351772

Ion Ratio Lower Upper

79 100

52 102.2 54.8 82.2#

51 49.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 40.77 ng

RT: 2.36 min Scan# 115

Delta R.T. -0.02 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

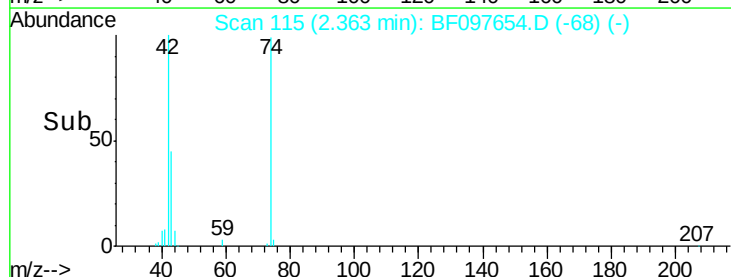
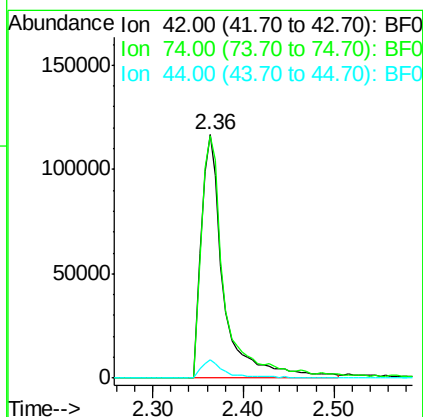
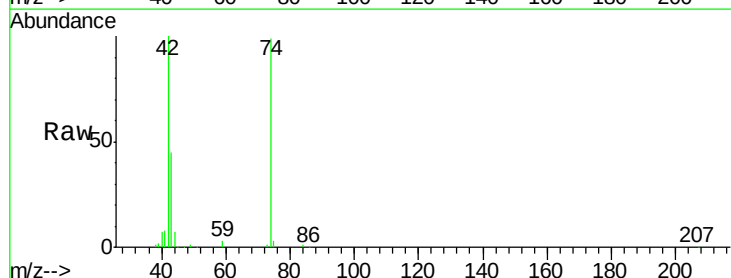
Tgt Ion: 42 Resp: 202850

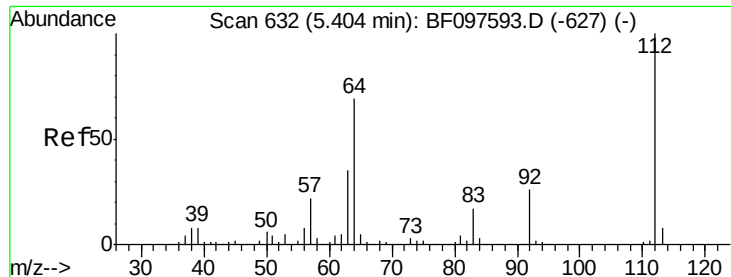
Ion Ratio Lower Upper

42 100

74 99.5 103.9 155.9#

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 86.44 ng

RT: 5.43 min Scan# 636

Delta R.T. 0.02 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

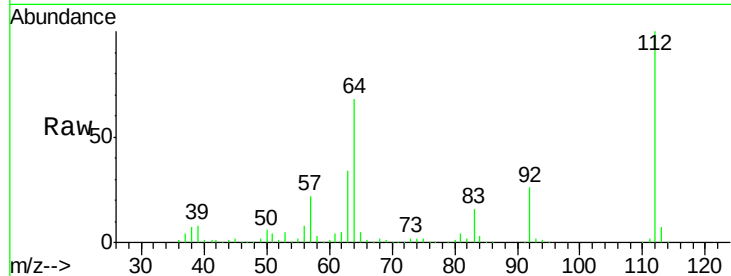
Tot Ion:112 Resp: 585555

Ion Ratio Lower Upper

112 100

64 68.2 46.0 69.0

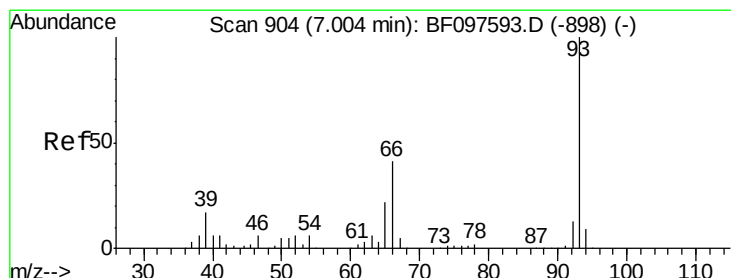
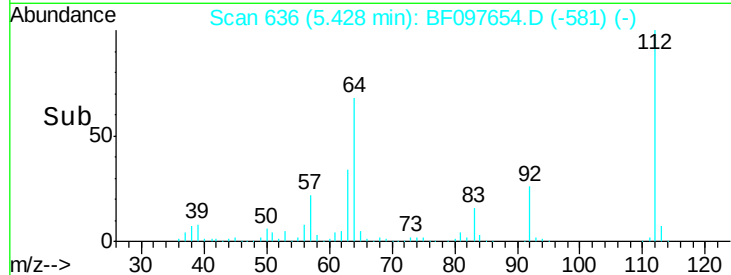
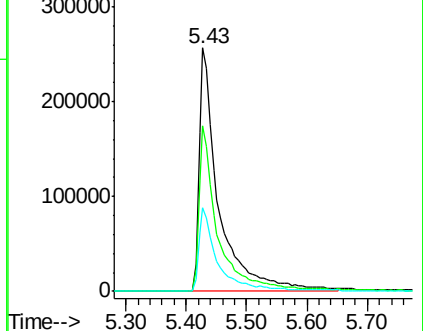
63 34.2 23.4 35.0



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



#6

Aniline

Concen: 39.52 ng

RT: 7.00 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

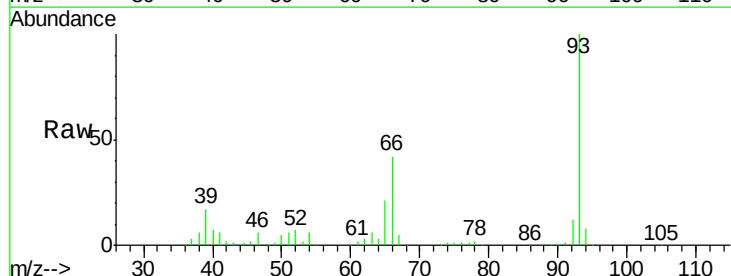
Tgt Ion: 93 Resp: 477292

Ion Ratio Lower Upper

93 100

66 41.8 32.9 49.3

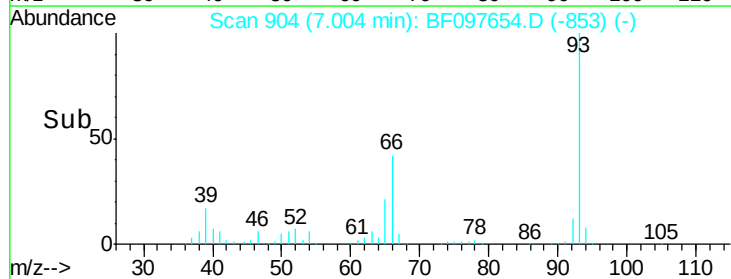
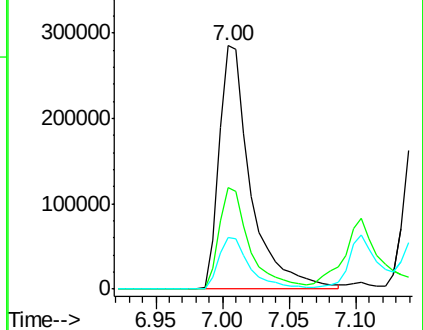
65 21.4 16.0 24.0

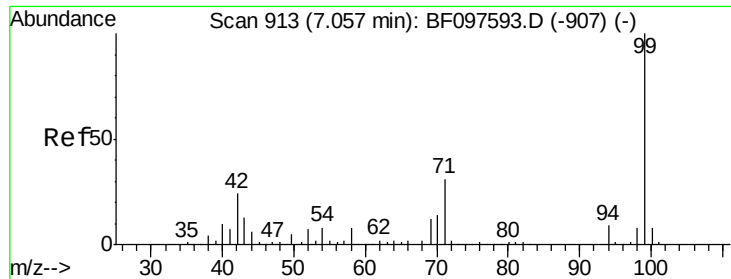


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.46 ng

RT: 7.09 min Scan# 918

Delta R.T. 0.03 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

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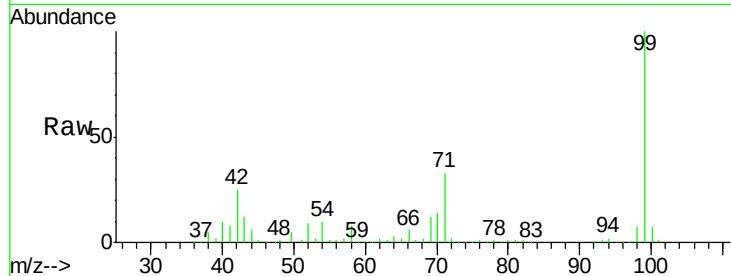
Tot Ion: 99 Resp: 659313

Ion Ratio Lower Upper

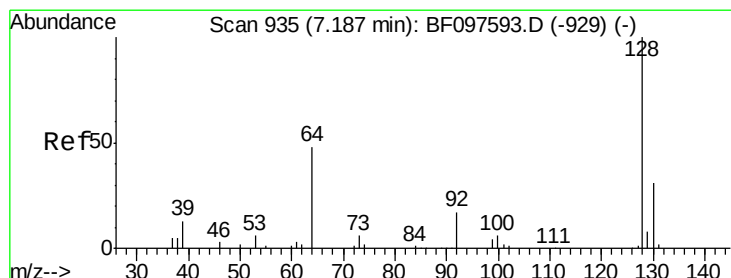
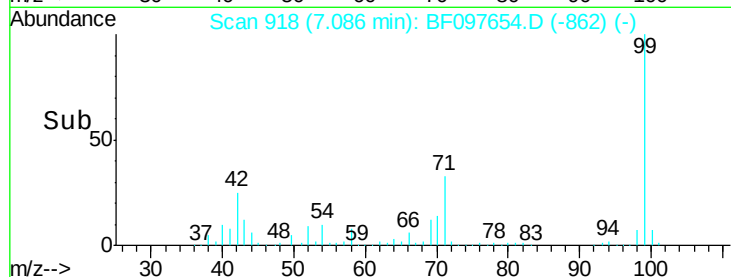
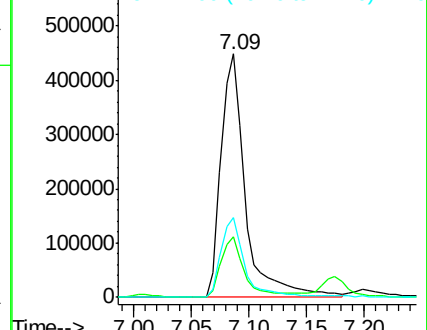
99 100

42 24.8 13.5 20.3#

71 32.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.83 ng

RT: 7.20 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

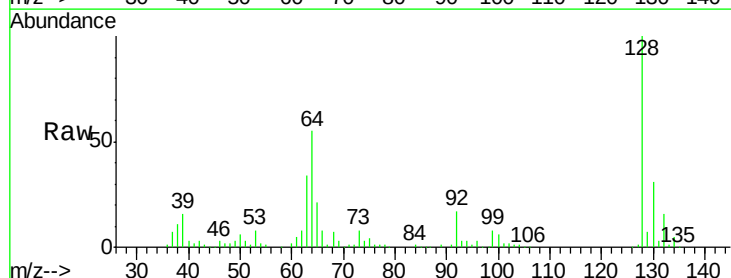
Tgt Ion: 128 Resp: 317087

Ion Ratio Lower Upper

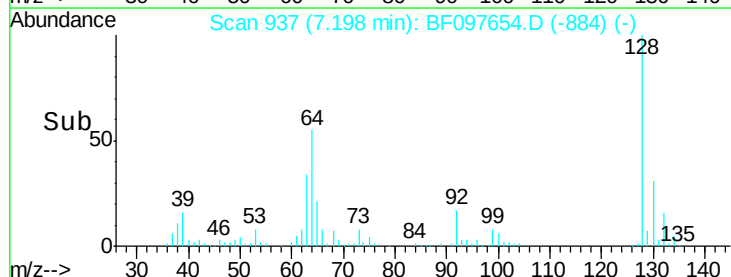
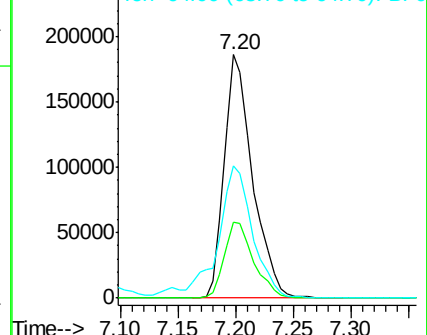
128 100

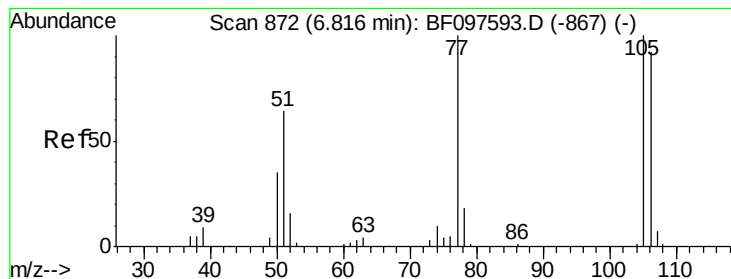
130 31.4 12.9 52.9

64 54.5 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.14 ng

RT: 6.82 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

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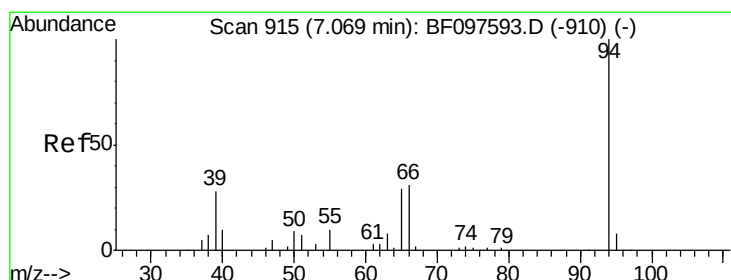
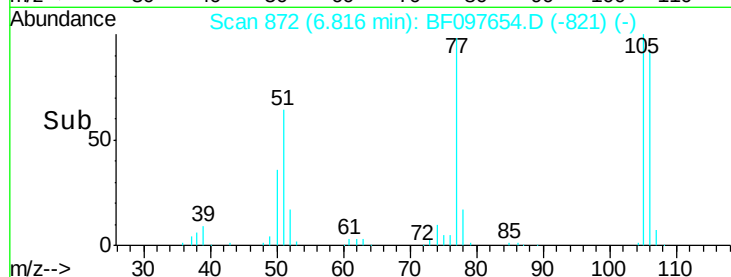
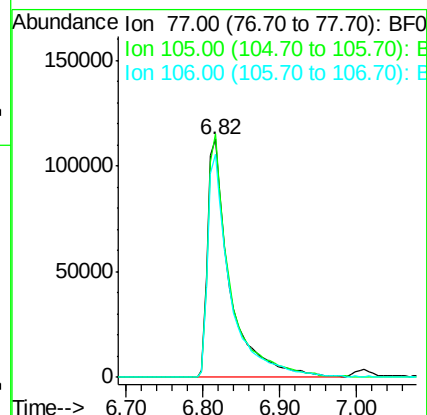
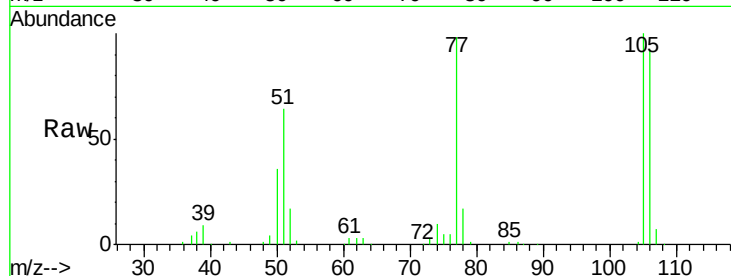
Tot Ion: 77 Resp: 227965

Ion Ratio Lower Upper

77 100

105 102.3 83.8 123.8

106 94.0 79.1 119.1



#10

Phenol

Concen: 42.81 ng

RT: 7.10 min Scan# 921

Delta R.T. 0.04 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

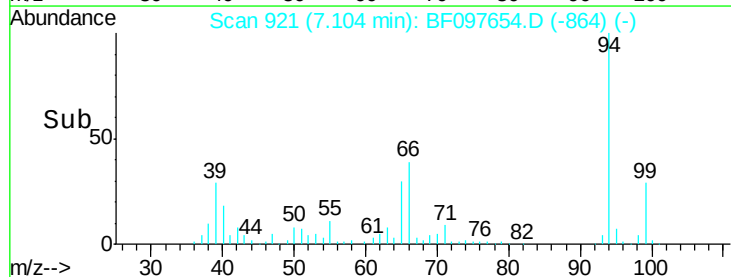
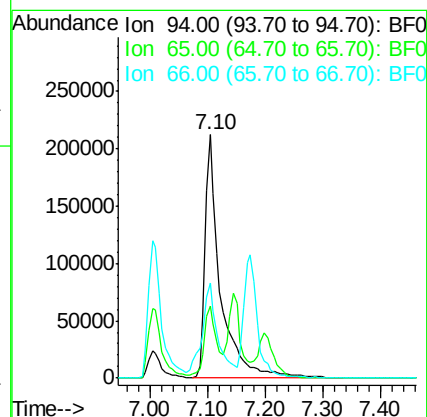
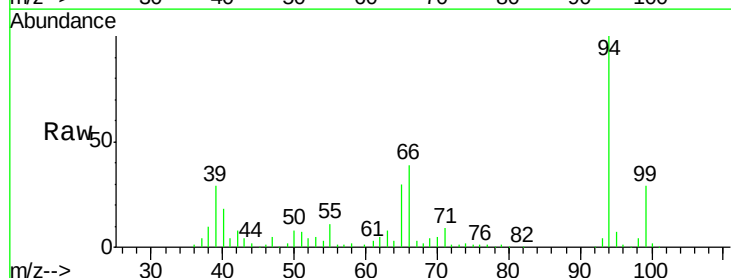
Tgt Ion: 94 Resp: 393884

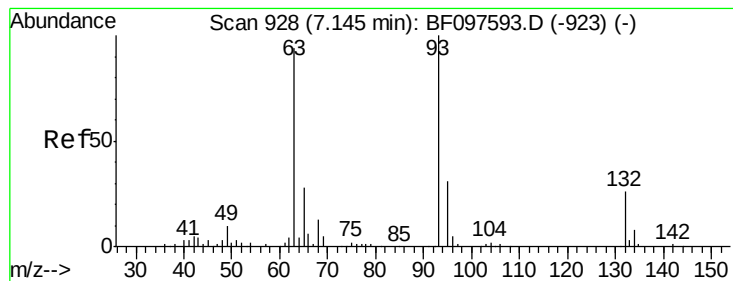
Ion Ratio Lower Upper

94 100

65 29.8 9.9 49.9

66 39.0 23.1 63.1

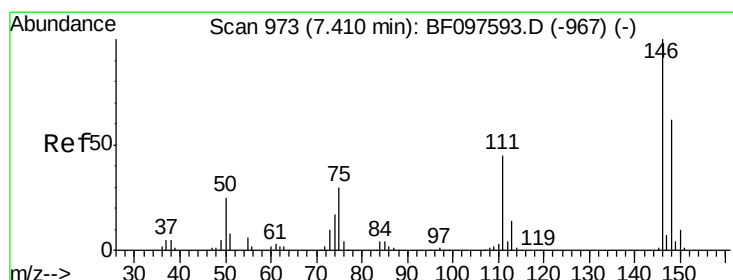
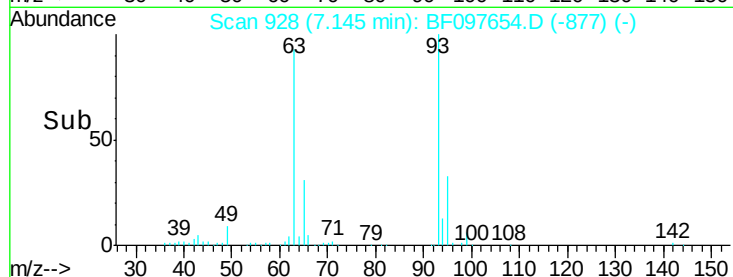
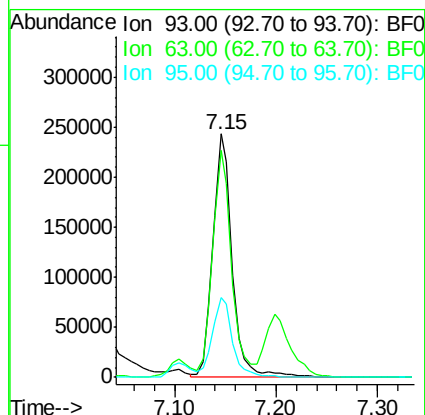
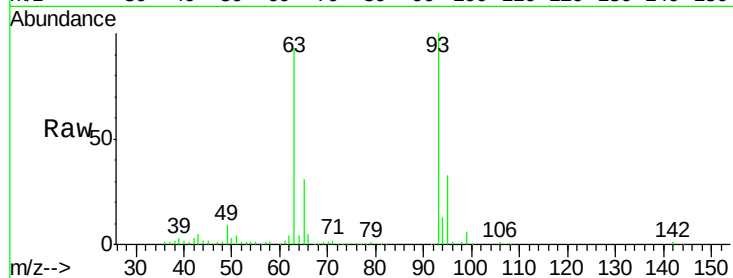




#11
bis(2-Chloroethyl)ether
Concen: 43.49 ng
RT: 7.15 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

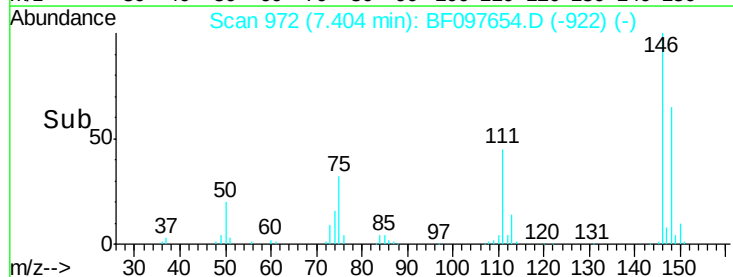
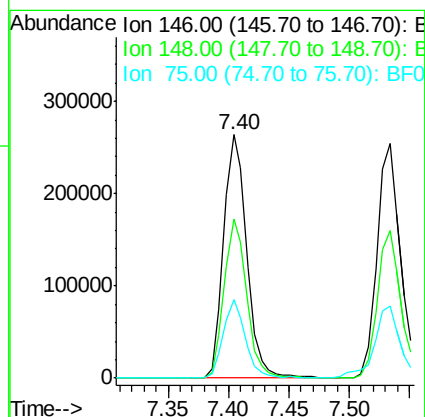
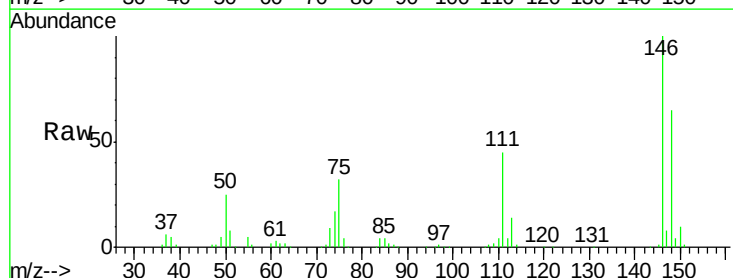
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

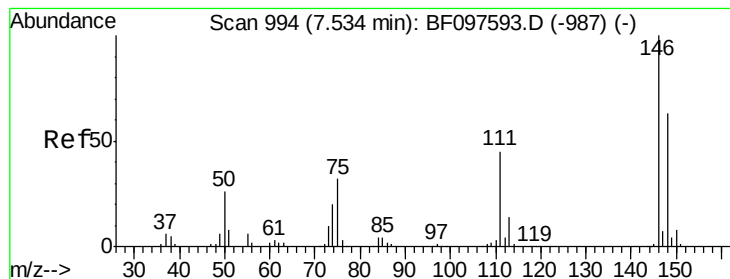
Tot Ion	Ratio	Lower	Upper
93	100		
63	93.5	59.2	99.2
95	32.7	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 40.18 ng
RT: 7.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.6
75	32.2	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.64 ng

RT: 7.53 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

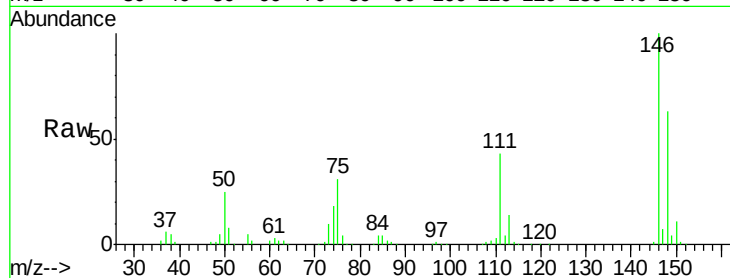
Tot Ion:146 Resp: 359769

Ion Ratio Lower Upper

146 100

148 62.9 52.2 78.2

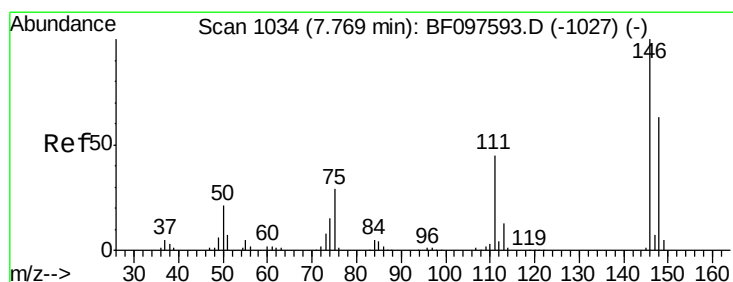
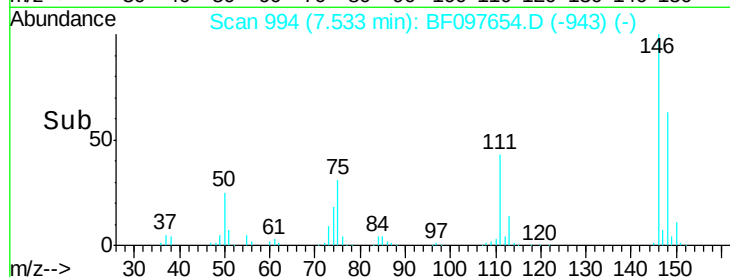
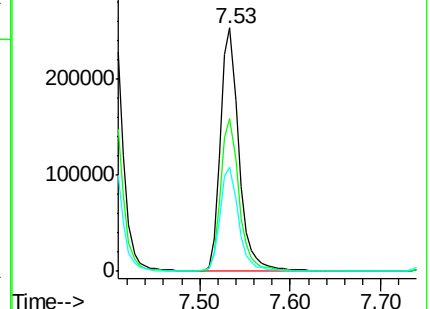
111 42.9 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.18 ng

RT: 7.76 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

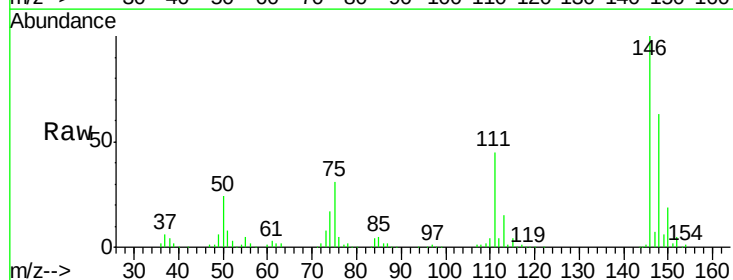
Tgt Ion:146 Resp: 332631

Ion Ratio Lower Upper

146 100

148 62.7 50.4 75.6

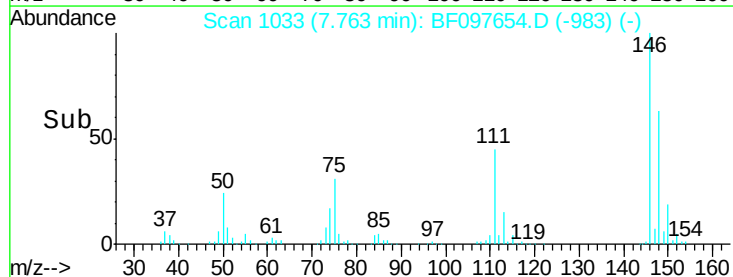
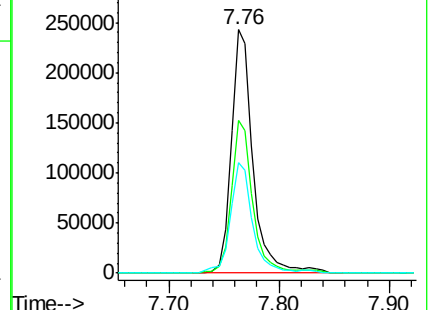
111 45.2 38.2 57.4

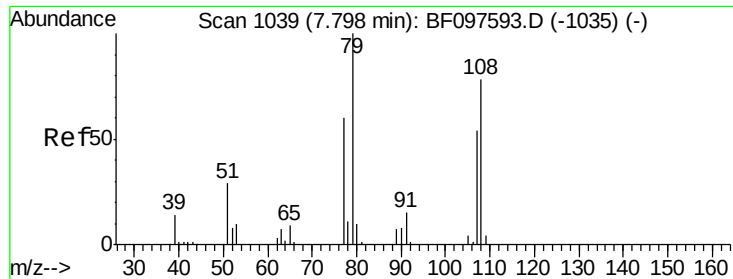


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

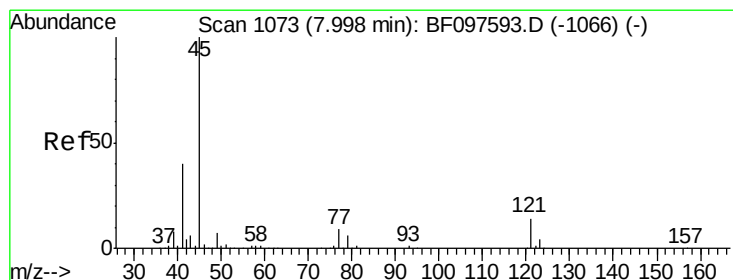
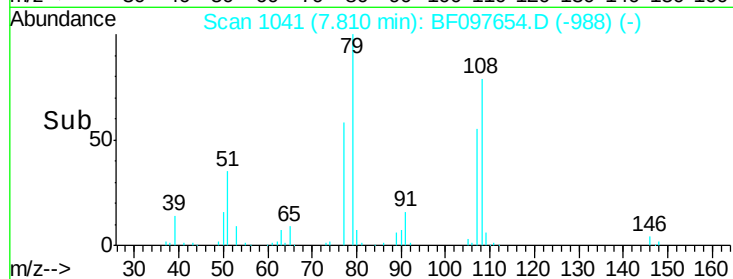
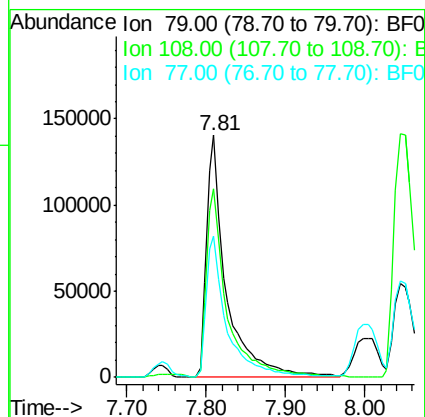
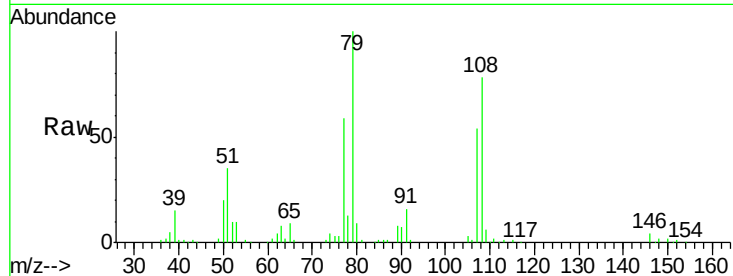




#15
Benzvl Alcohol
Concen: 42.57 ng
RT: 7.81 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

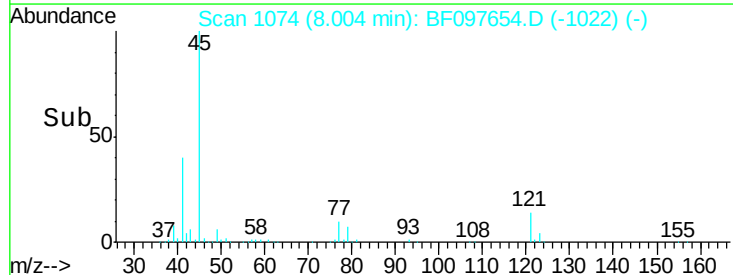
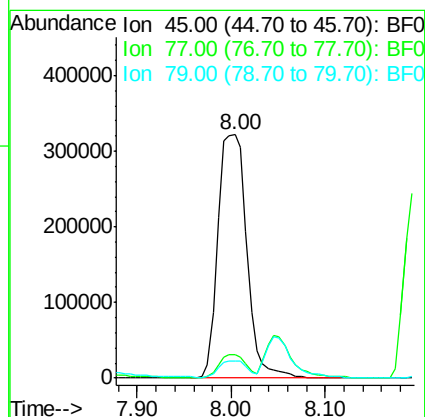
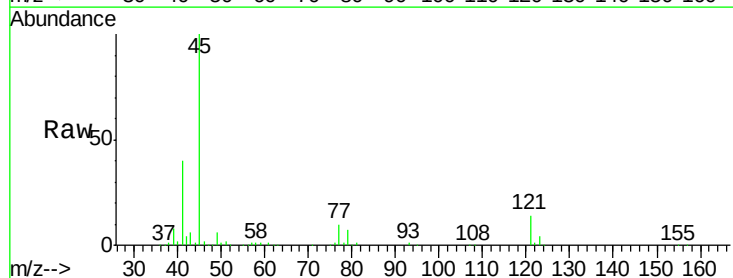
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

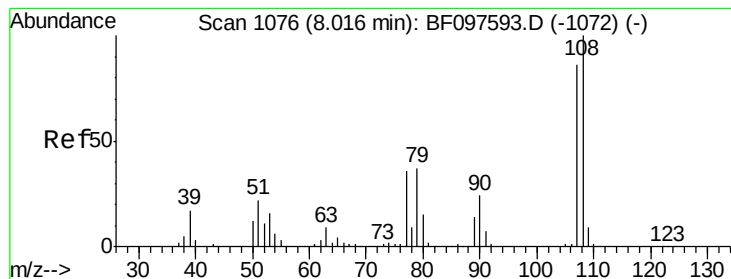
Tot Ion: 79 Resp: 247191
Ion Ratio Lower Upper
79 100
108 78.2 63.4 95.0
77 58.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.96 ng
RT: 8.00 min Scan# 1074
Delta R.T. 0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion: 45 Resp: 695260
Ion Ratio Lower Upper
45 100
77 9.6 0.0 33.2
79 7.1 0.0 30.0

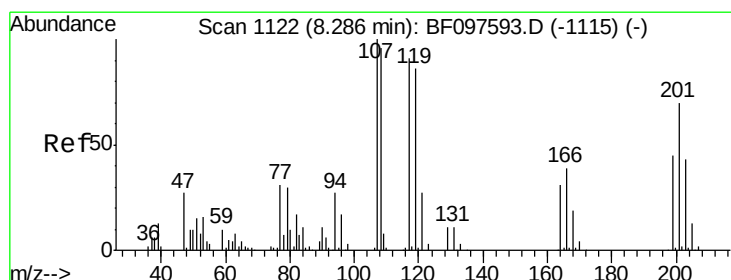
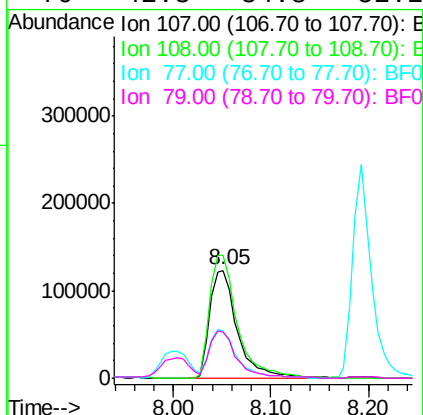
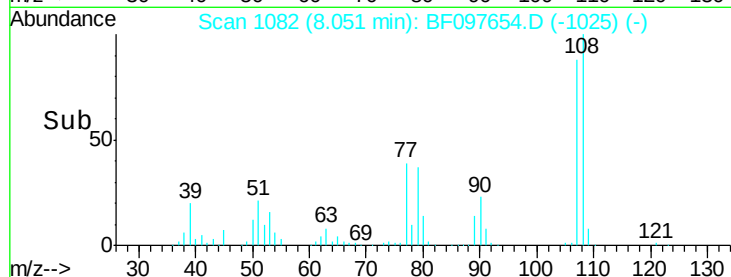
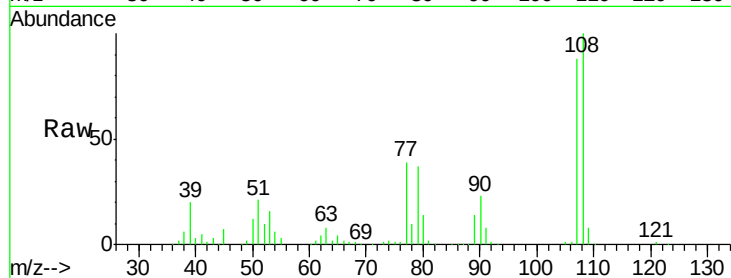




#17
 2-Methylphenol
 Concen: 40.68 ng
 RT: 8.05 min Scan# 1082
 Delta R.T. 0.04 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

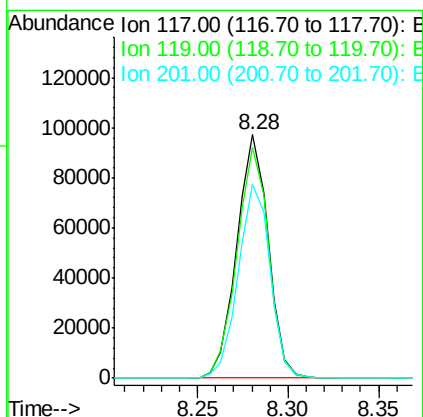
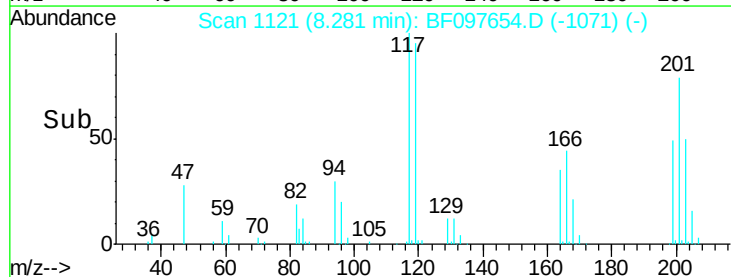
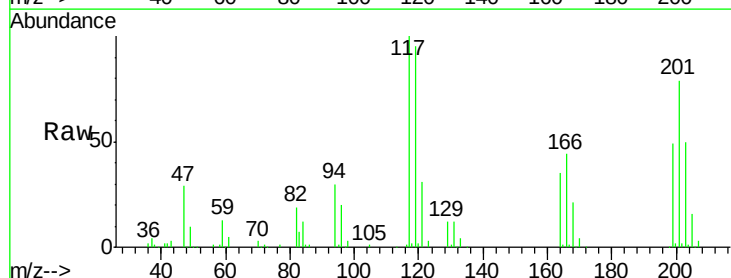
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

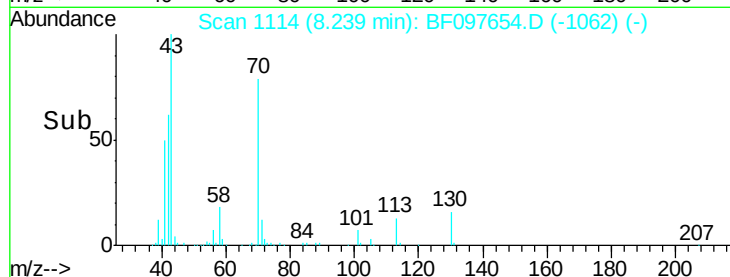
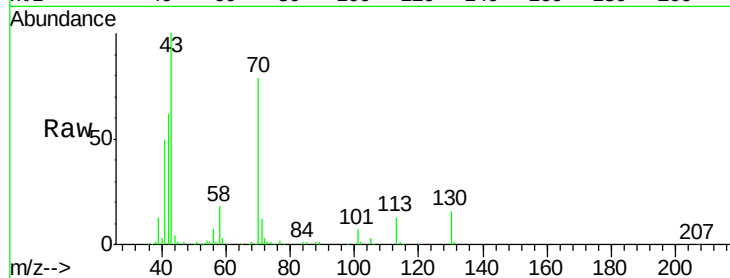
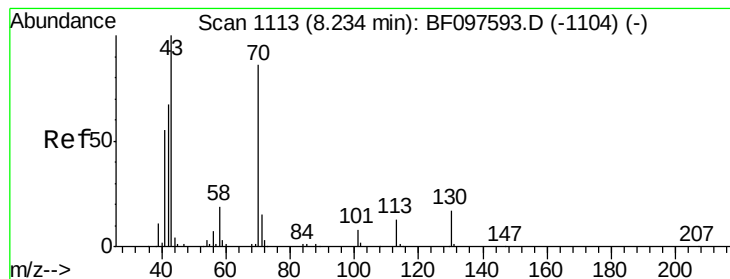
Tot Ion:	107	Resp:	244815
Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.4	140.0
77	43.8	35.8	53.6
79	42.3	34.8	52.2



#18
 Hexachloroethane
 Concen: 38.80 ng
 RT: 8.28 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Tgt Ion:	117	Resp:	117516
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
201	79.4	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 41.20 ng

RT: 8.24 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 240792

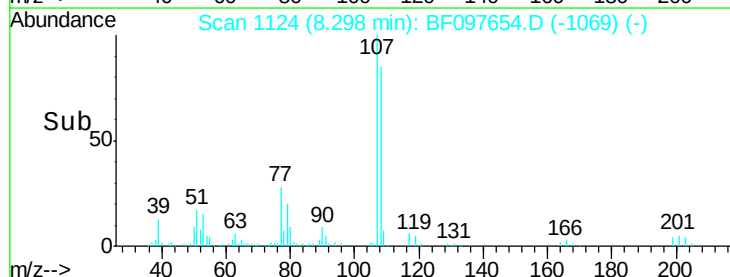
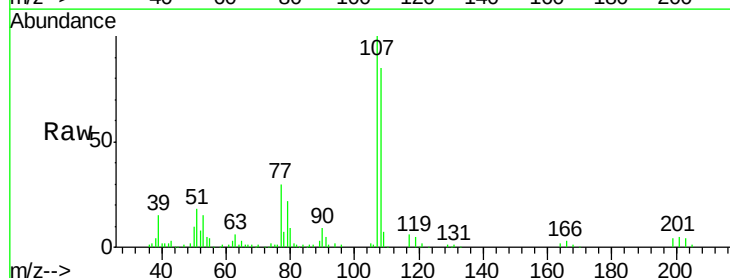
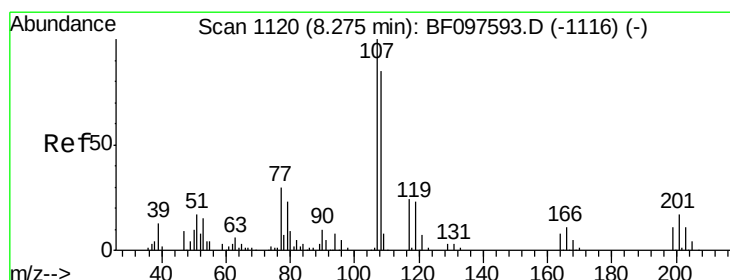
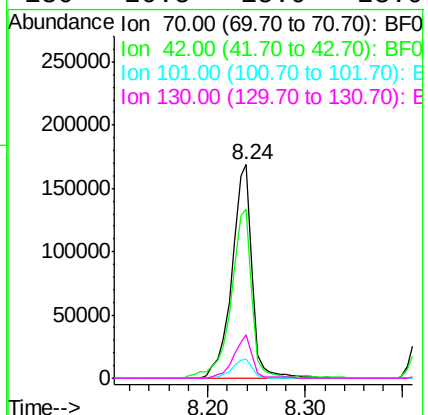
Ion Ratio Lower Upper

70 100

42 79.2 47.2 70.8#

101 9.3 7.2 10.8

130 20.5 15.9 23.9



#20

3+4-Methylphenols

Concen: 43.04 ng

RT: 8.30 min Scan# 1124

Delta R.T. 0.02 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Tgt Ion: 107 Resp: 317261

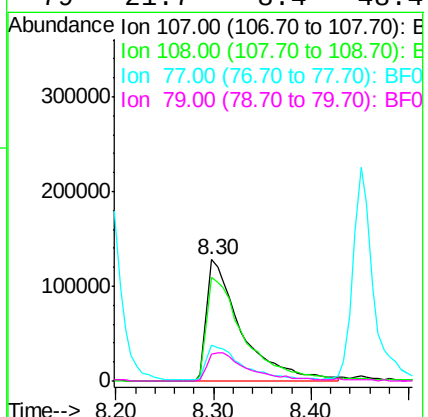
Ion Ratio Lower Upper

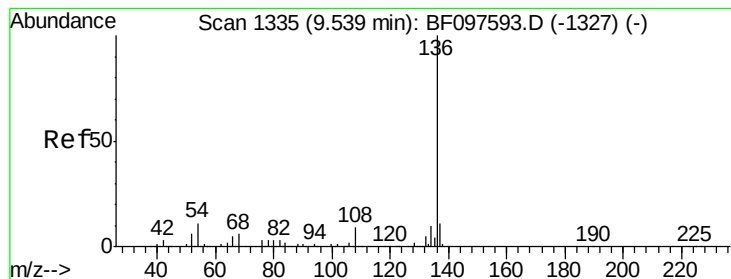
107 100

108 85.0 71.0 111.0

77 29.8 90.5 130.5#

79 21.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 431489

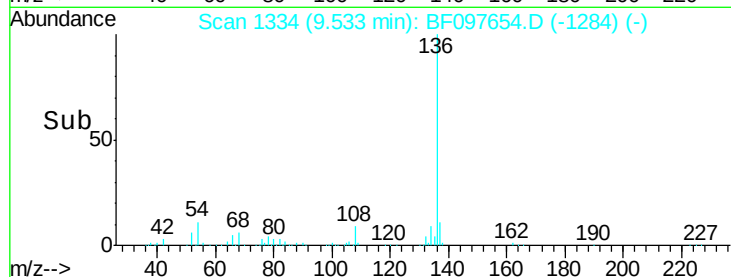
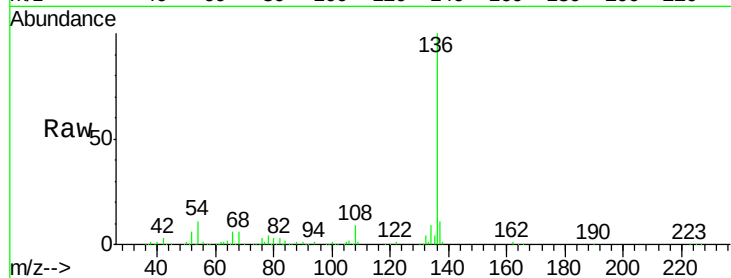
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.2 4.9 7.3#

68 5.9 4.1 6.1

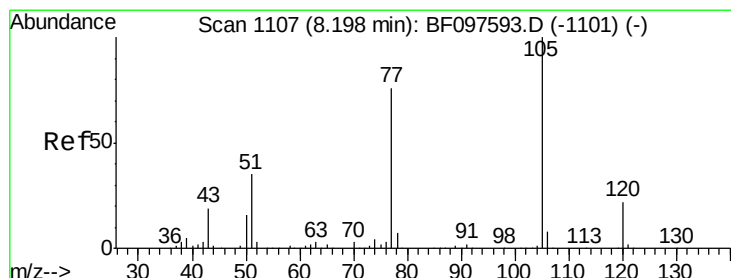
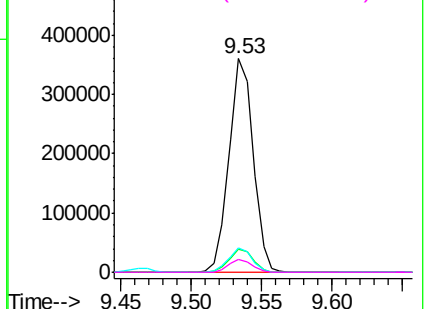


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.50 ng

RT: 8.19 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Tgt Ion:105 Resp: 433237

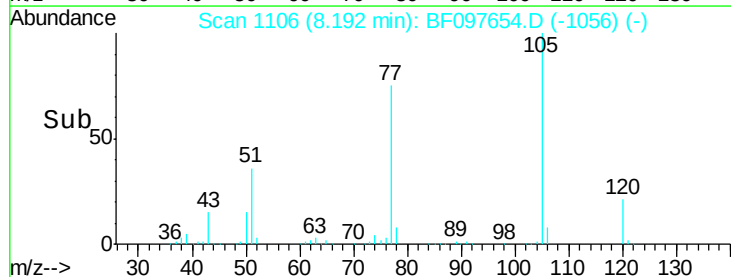
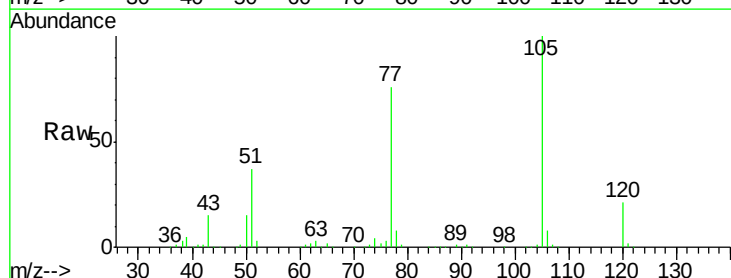
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 36.9 30.7 46.1

120 20.8 17.4 26.0

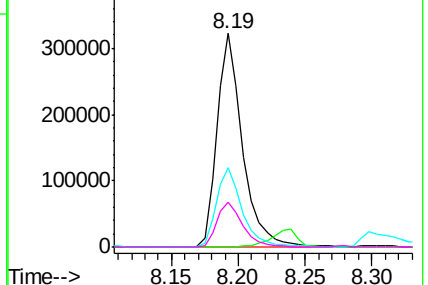


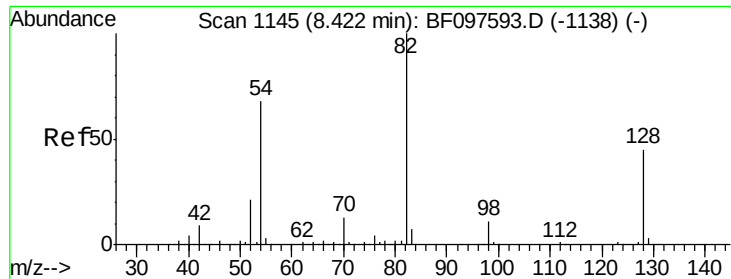
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

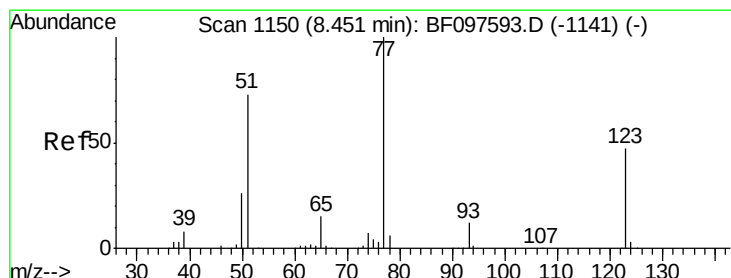
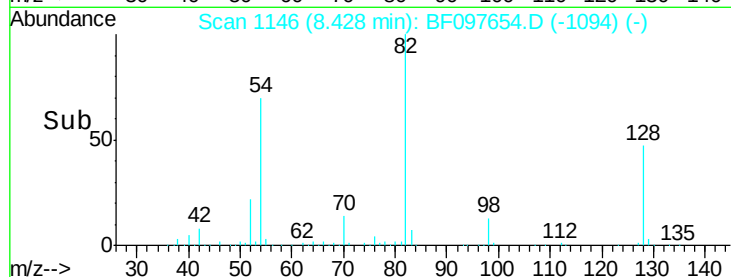
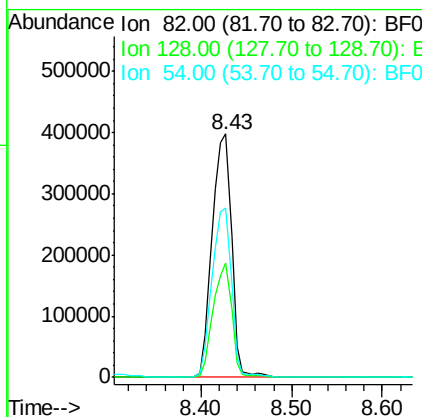
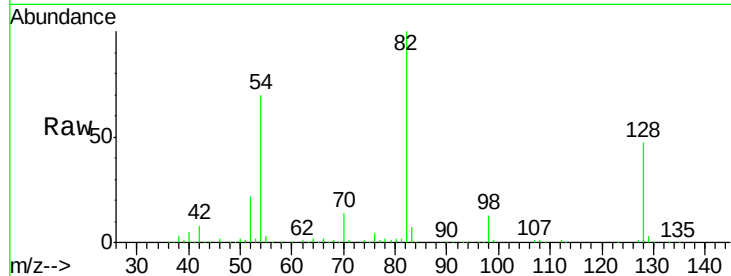




#23
 Nitrobenzene-d5
 Concen: 86.14 ng
 RT: 8.43 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

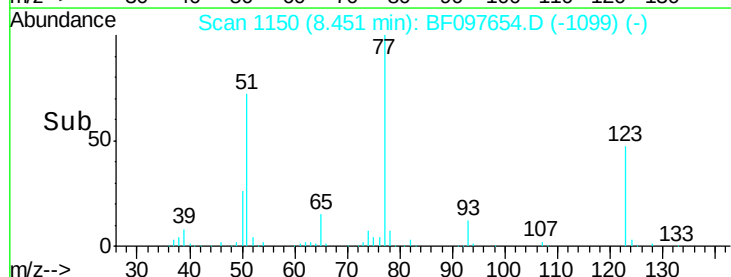
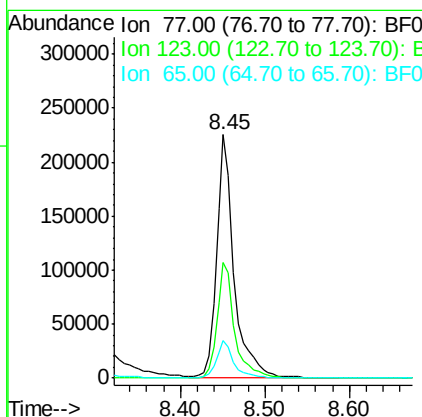
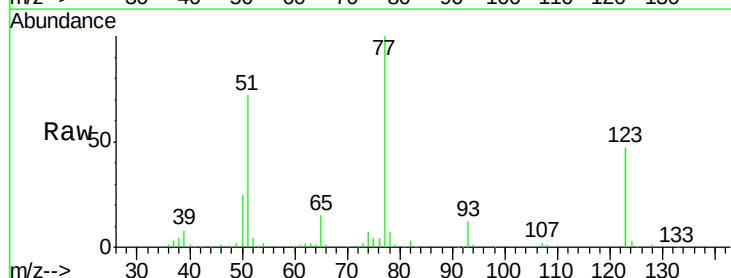
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

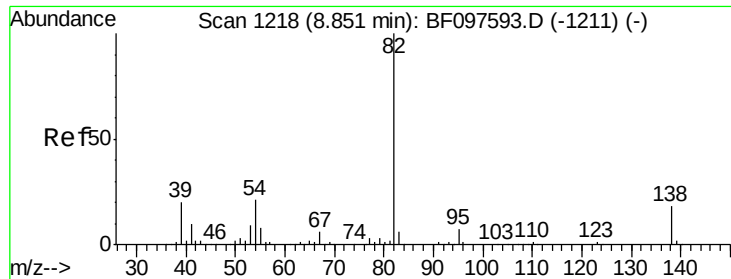
Tot Ion: 82 Resp: 592758
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 69.7 42.2 63.2#



#24
 Nitrobenzene
 Concen: 43.68 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Tgt Ion: 77 Resp: 327540
 Ion Ratio Lower Upper
 77 100
 123 47.3 35.8 53.8
 65 15.2 10.6 15.8

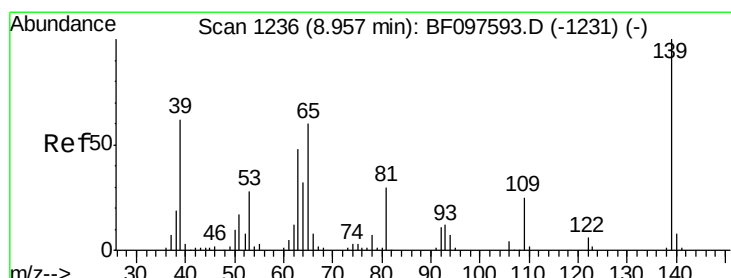
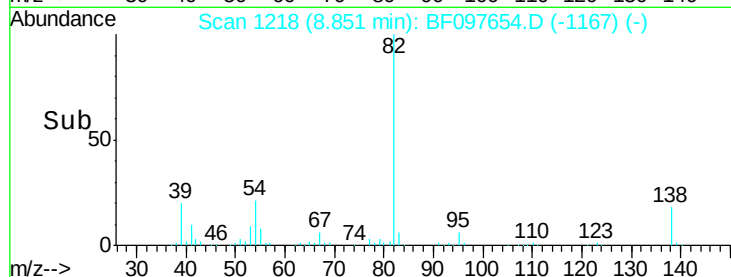
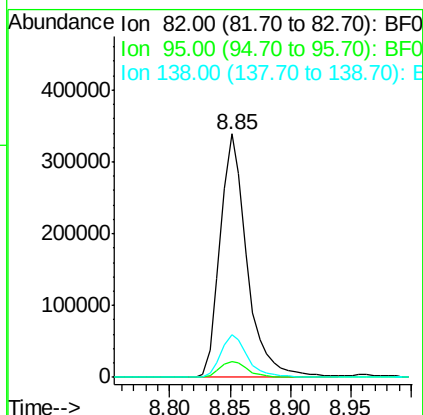
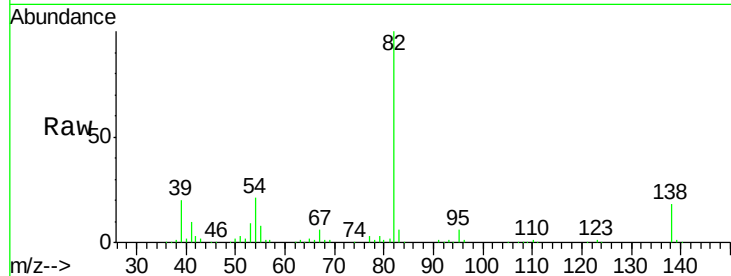




#25
Isophorone
Concen: 41.31 ng
RT: 8.85 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

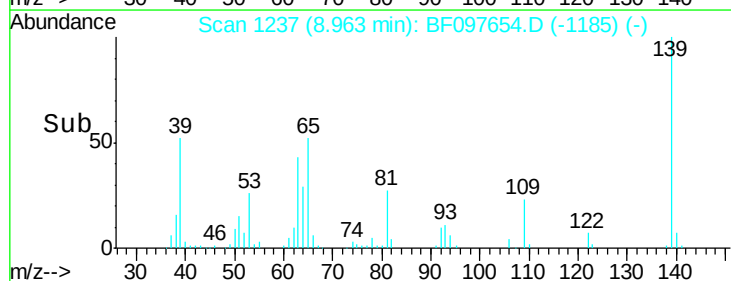
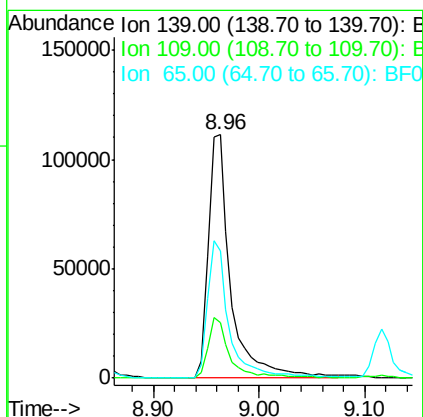
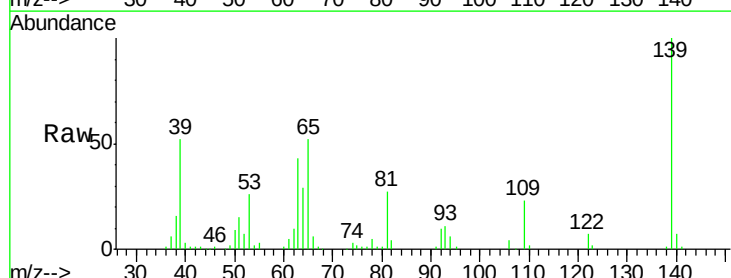
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

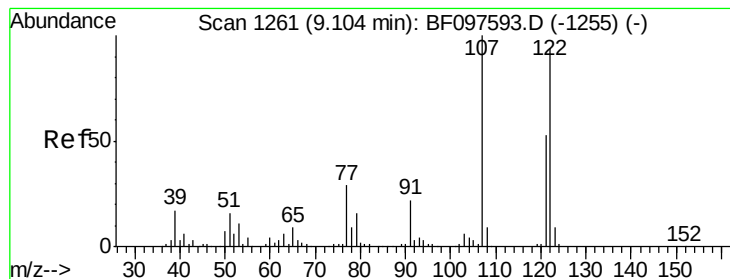
Tot Ion: 82 Resp: 523606
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 17.5 13.1 19.7



#26
2-Nitrophenol
Concen: 43.69 ng
RT: 8.96 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion: 139 Resp: 165702
Ion Ratio Lower Upper
139 100
109 22.9 21.0 31.6
65 52.4 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 42.09 ng

RT: 9.12 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

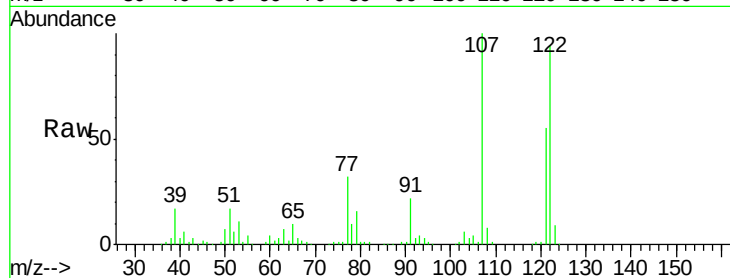
Tot Ion:122 Resp: 266236

Ion Ratio Lower Upper

122 100

107 106.1 89.2 133.8

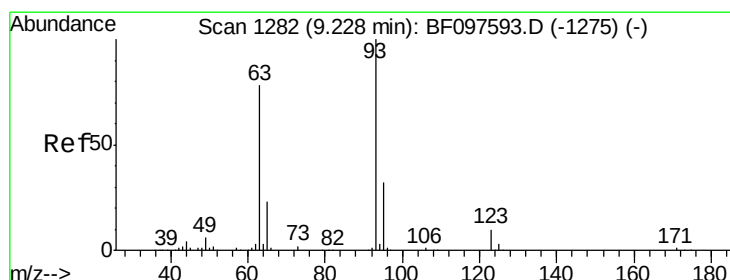
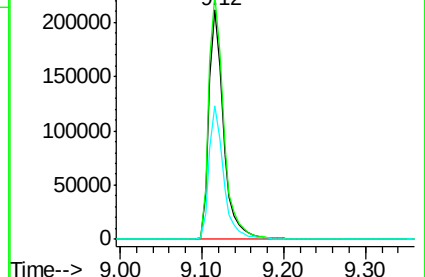
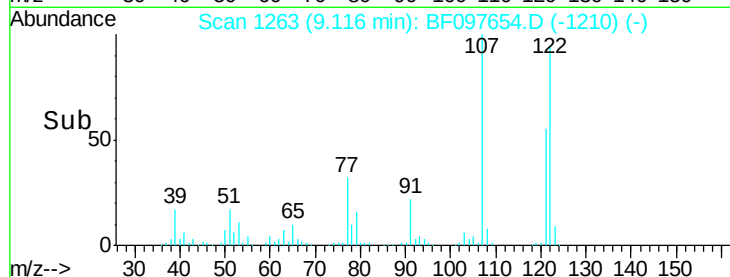
121 58.2 45.2 67.8



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: 42.59 ng

RT: 9.23 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

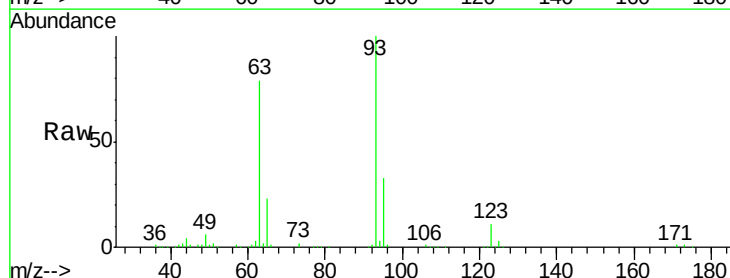
Tgt Ion: 93 Resp: 390103

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

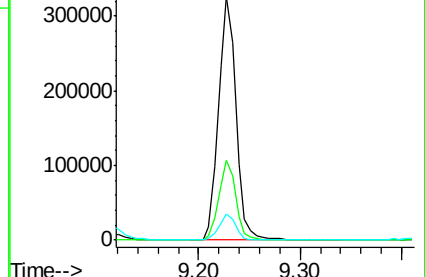
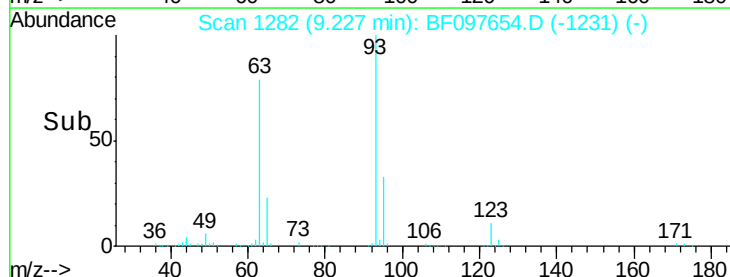
123 10.5 9.0 13.4

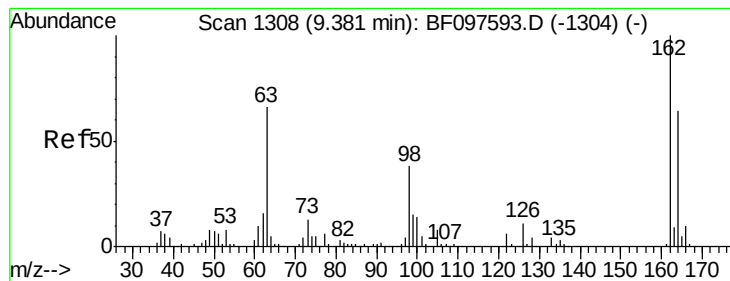


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.73 ng

RT: 9.40 min Scan# 1311

Delta R.T. 0.02 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

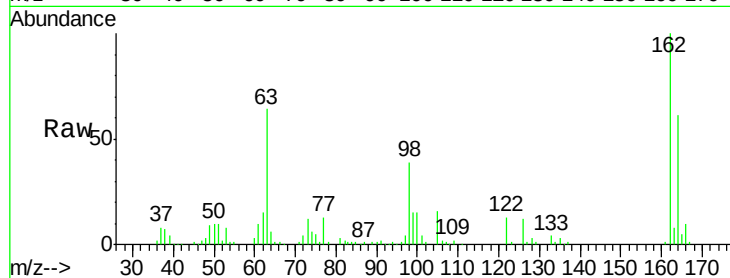
Tot Ion:162 Resp: 227163

Ion Ratio Lower Upper

162 100

164 61.1 44.6 84.6

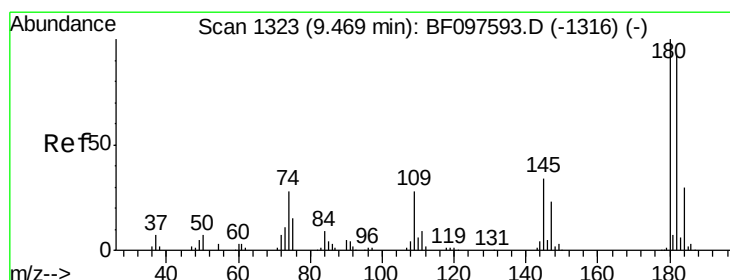
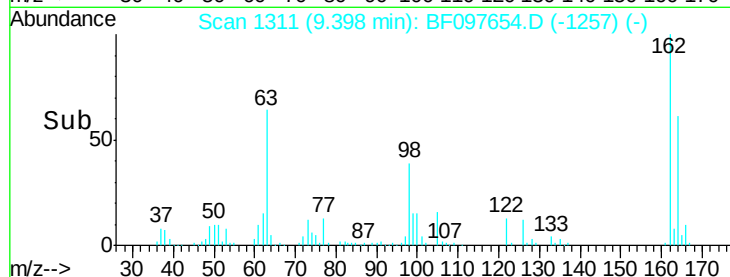
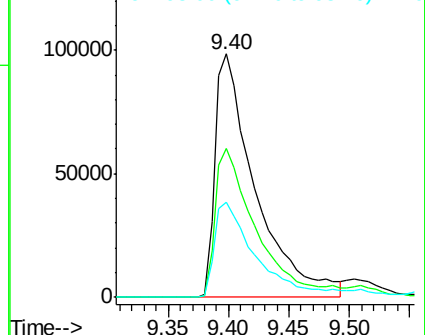
98 39.1 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.87 ng

RT: 9.46 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

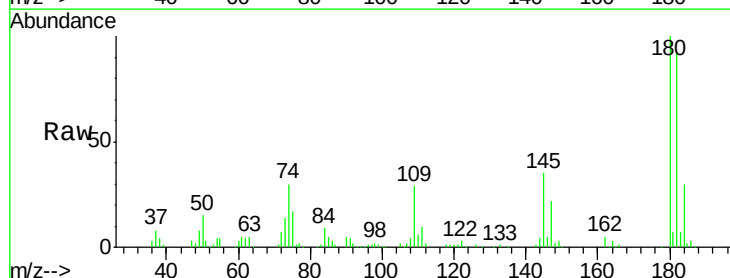
Tgt Ion:180 Resp: 231507

Ion Ratio Lower Upper

180 100

182 93.1 75.8 113.6

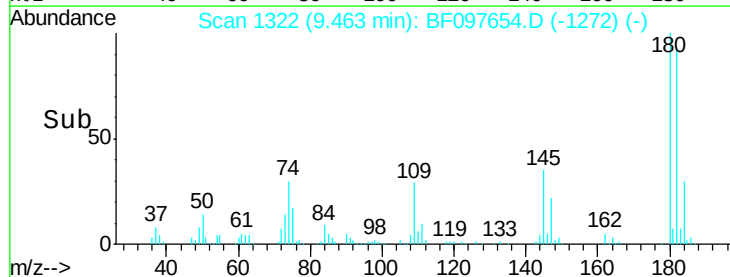
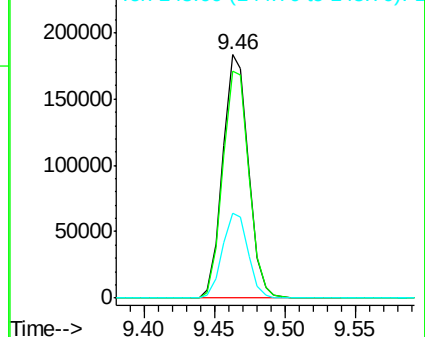
145 35.0 25.3 37.9

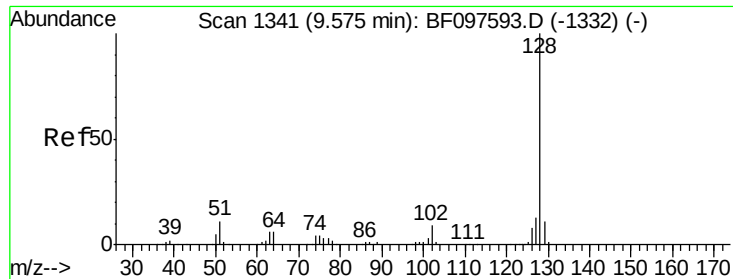


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

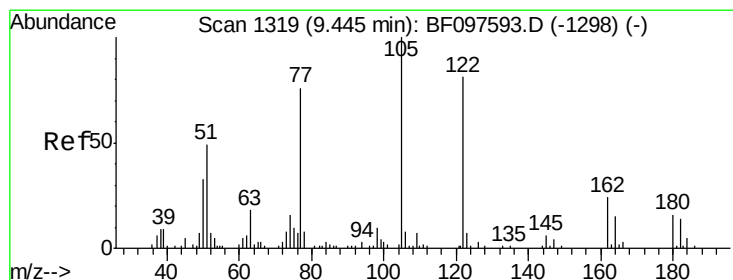
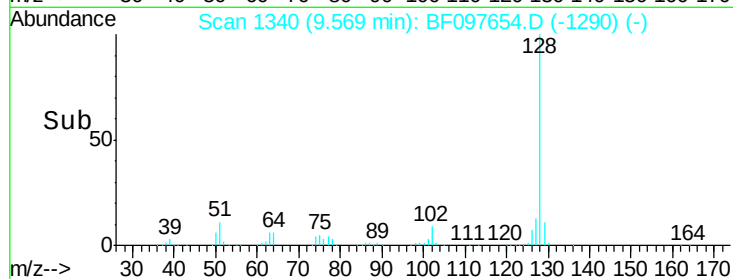
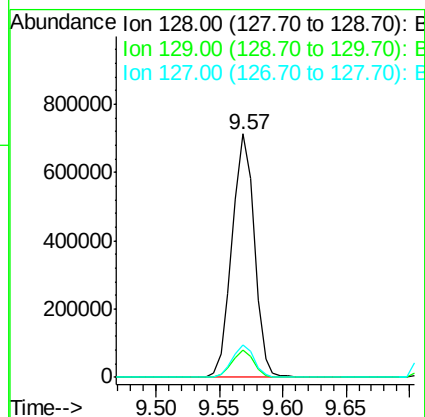
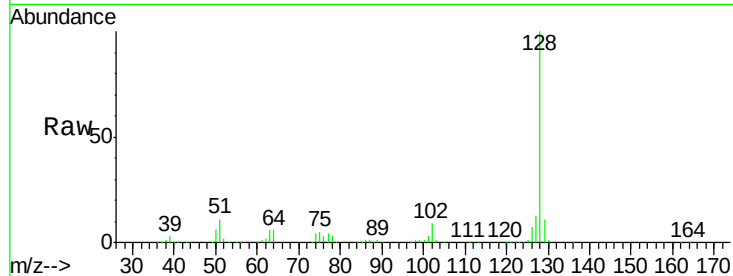




#31
Naphthalene
Concen: 40.16 ng
RT: 9.57 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

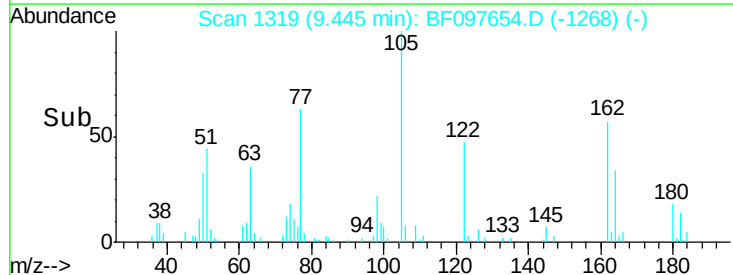
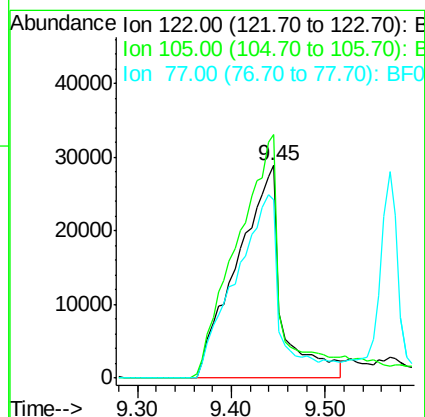
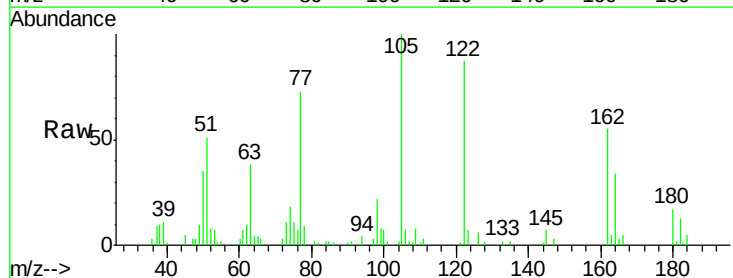
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

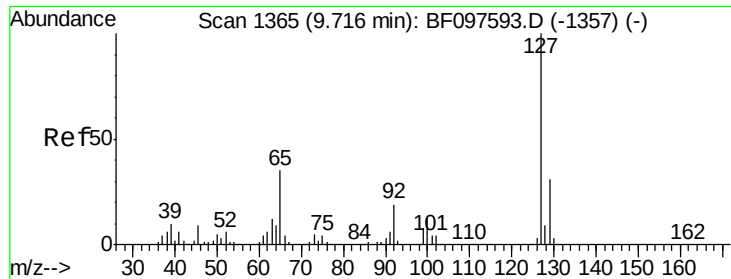
Tot Ion:128 Resp: 867964
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 27.84 ng
RT: 9.45 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion:122 Resp: 94896
Ion Ratio Lower Upper
122 100
105 114.7 103.3 143.3
77 84.1 73.7 113.7

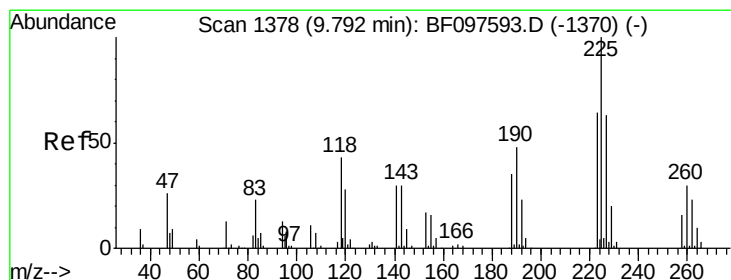
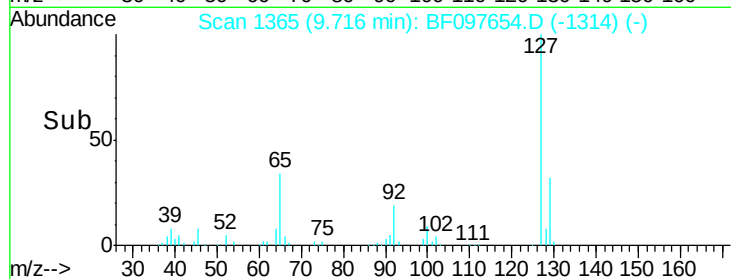
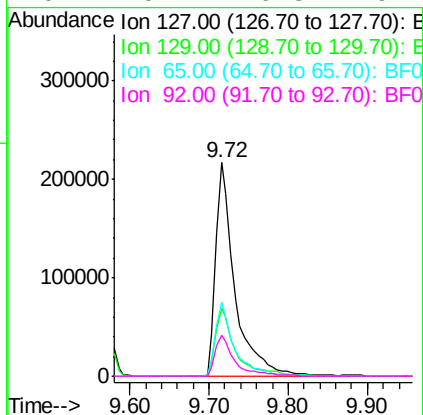
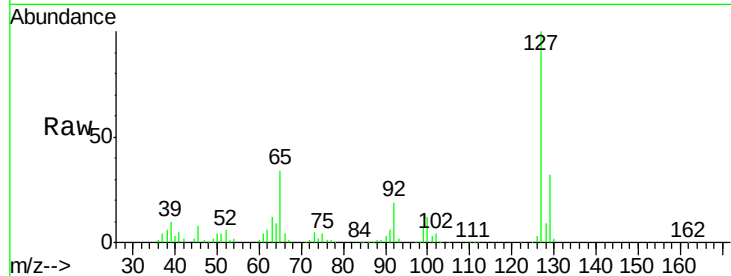




#33
4-Chloroaniline
Concen: 40.92 ng
RT: 9.72 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

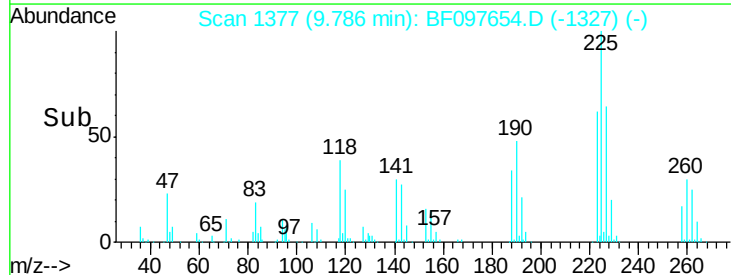
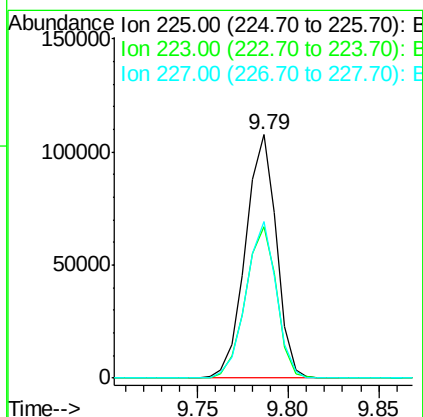
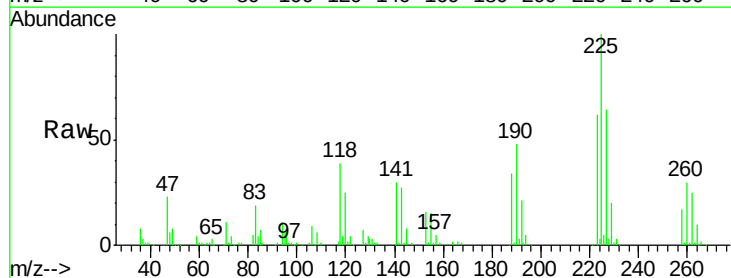
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

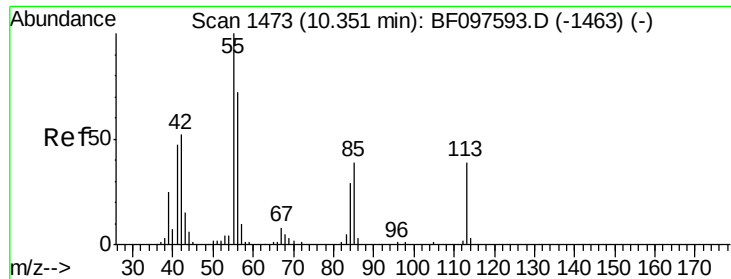
Tot Ion:	127	Resp:	366413
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	34.5	27.8	41.8
92	19.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.17 ng
RT: 9.79 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion:	225	Resp:	127366
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	64.2	51.1	76.7

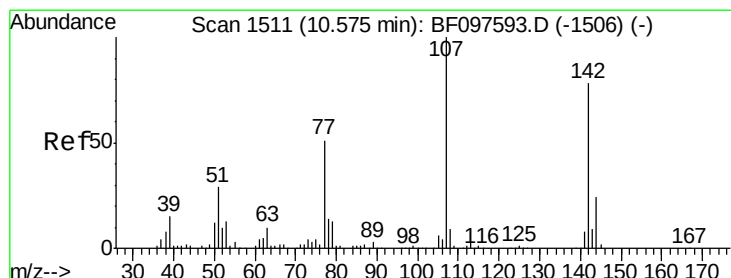
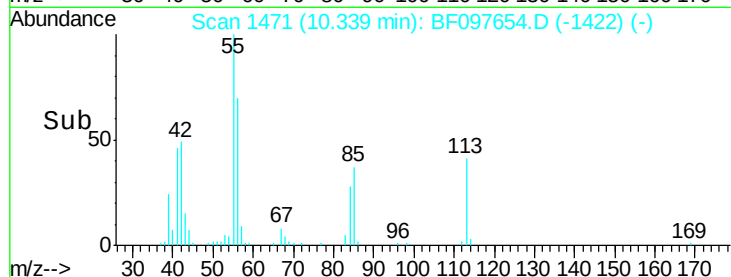
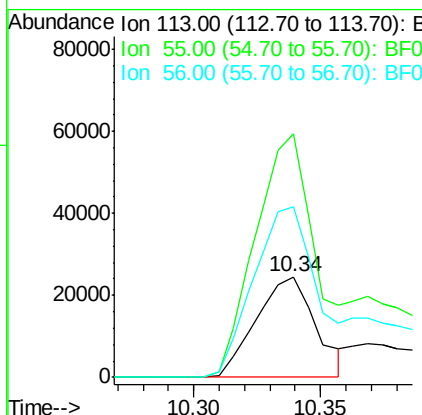
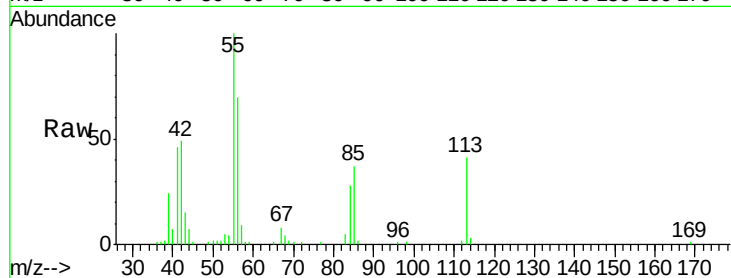




#35
 Caprolactam
 Concen: 22.15 ng
 RT: 10.34 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

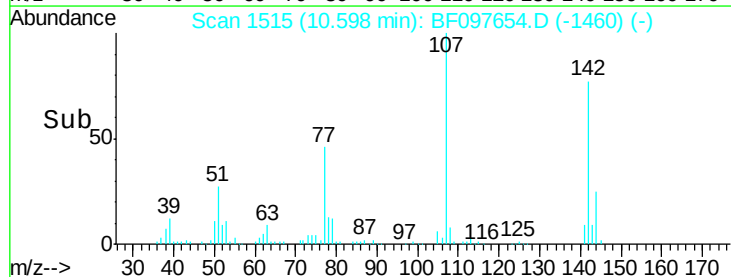
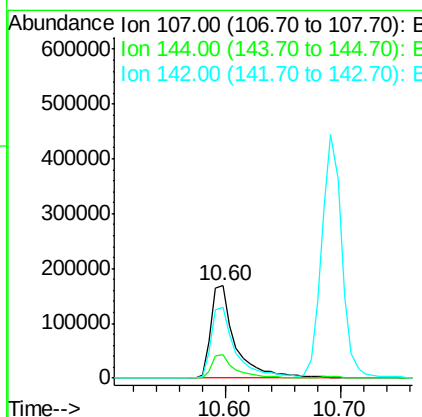
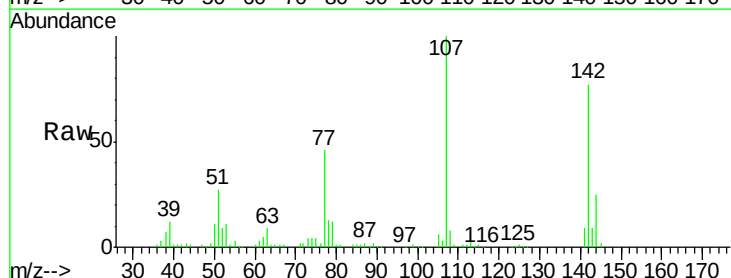
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

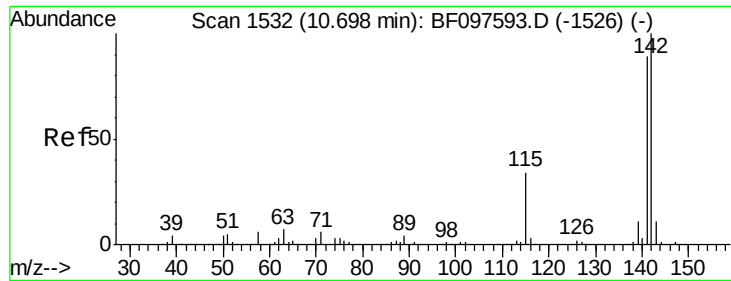
Tot Ion:113 Resp: 39806
 Ion Ratio Lower Upper
 113 100
 55 242.0 150.2 190.2#
 56 170.0 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.41 ng
 RT: 10.60 min Scan# 1515
 Delta R.T. 0.02 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Tgt Ion:107 Resp: 246933
 Ion Ratio Lower Upper
 107 100
 144 25.0 24.2 36.4
 142 77.4 73.4 110.0

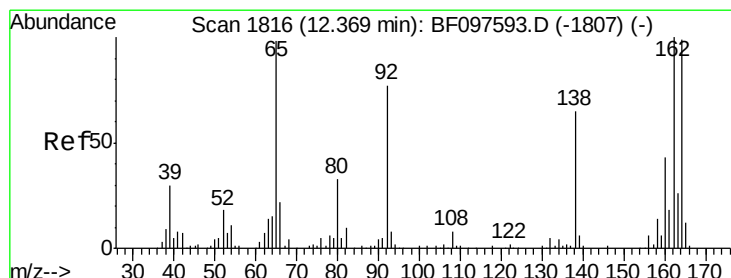
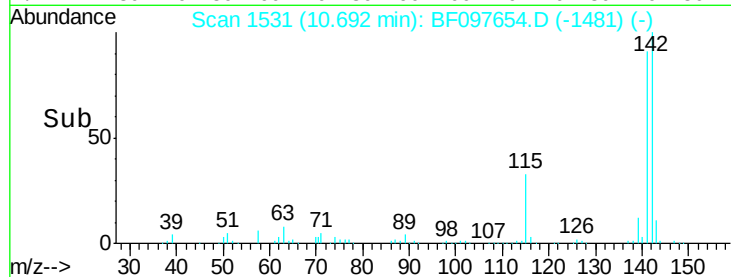
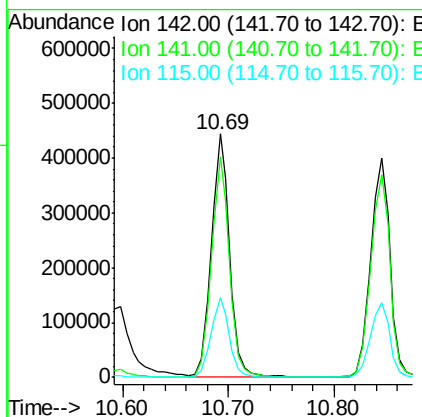
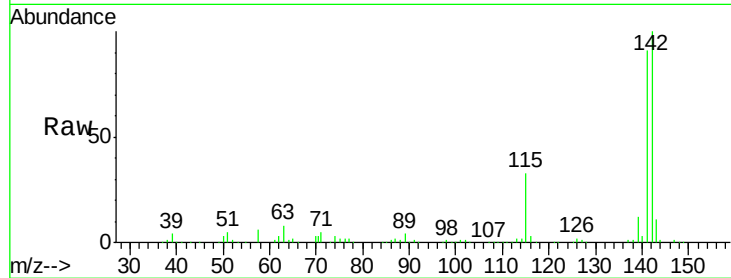




#37
 2-Methylnaphthalene
 Concen: 39.95 ng
 RT: 10.69 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

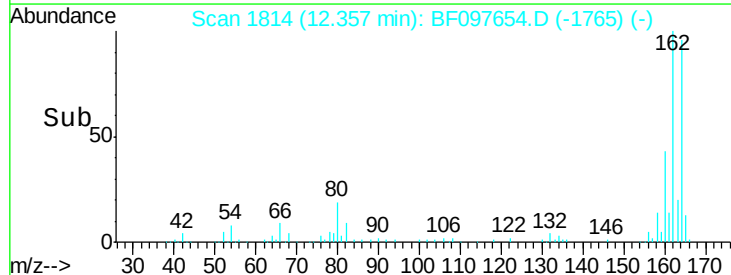
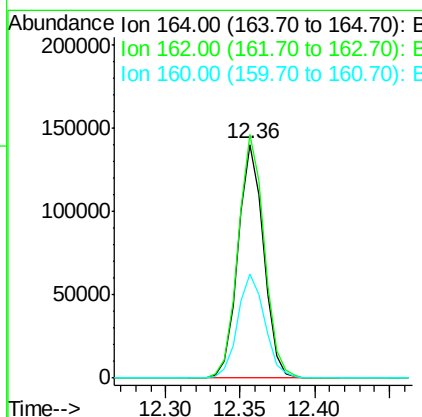
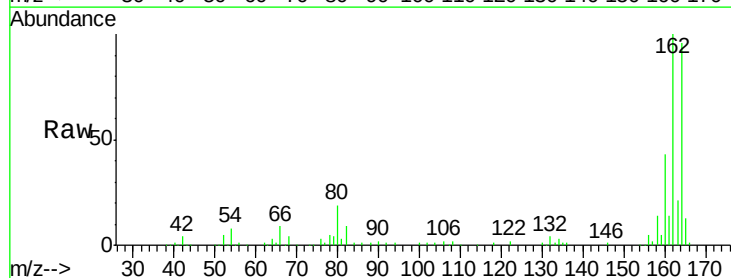
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

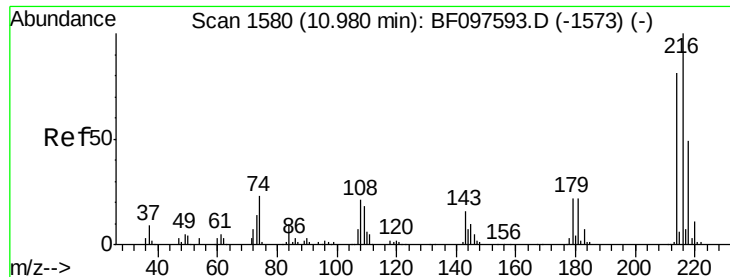
Tot Ion:142 Resp: 543323
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.3 106.9
 115 32.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.36 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Tgt Ion:164 Resp: 167828
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 44.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.88 ng

RT: 10.97 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 203778

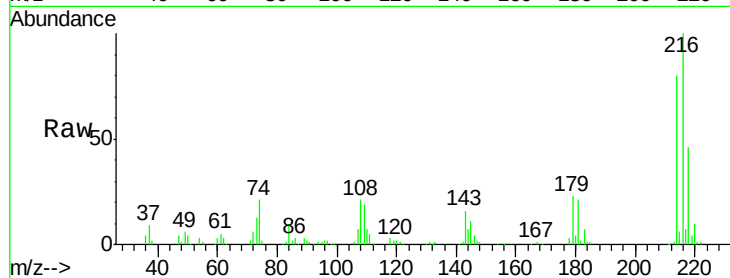
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 22.7 17.9 26.9

108 20.7 16.5 24.7

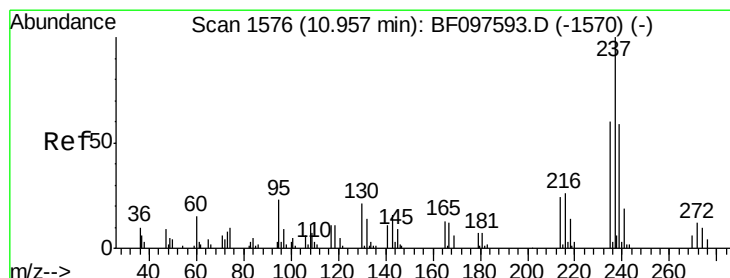
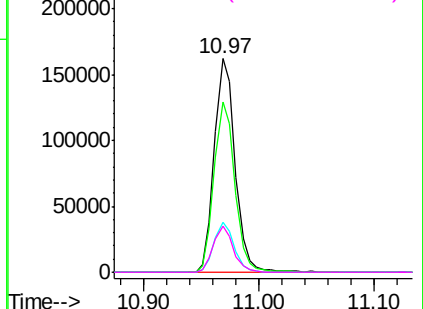
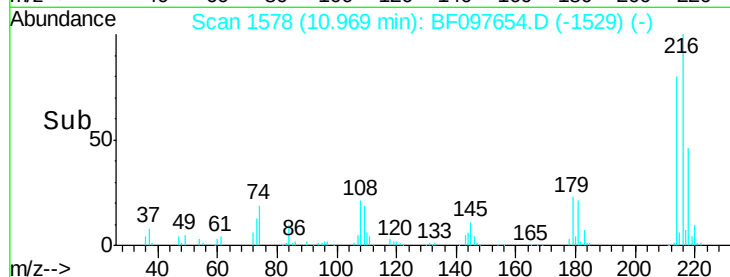


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.57 ng

RT: 10.95 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

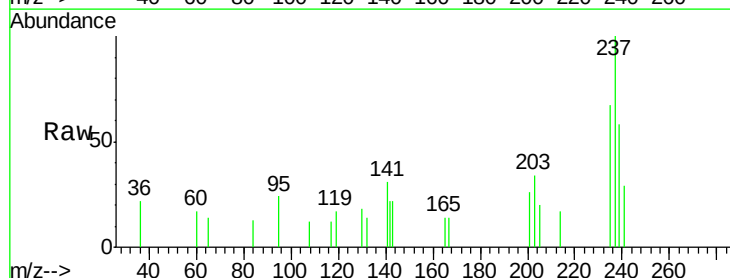
Tgt Ion:237 Resp: 2190

Ion Ratio Lower Upper

237 100

235 67.3 42.6 82.6

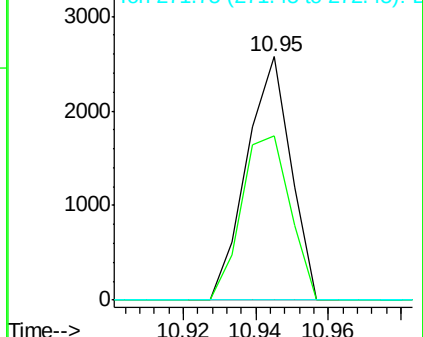
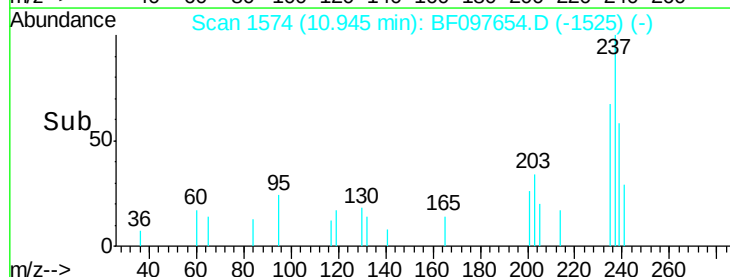
272 0.0 0.0 31.9

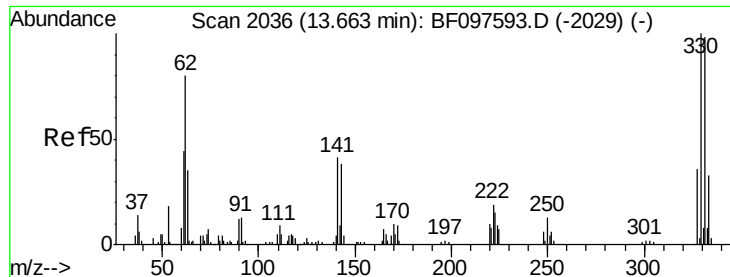


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

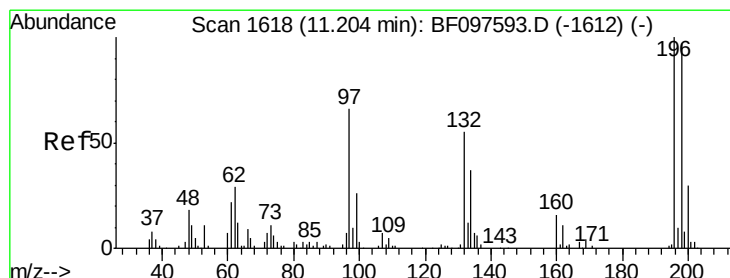
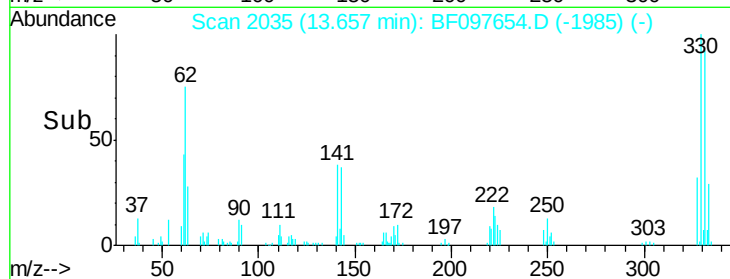
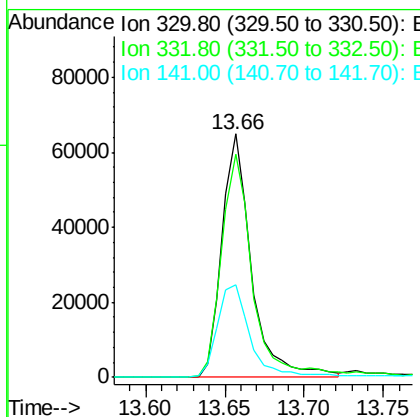
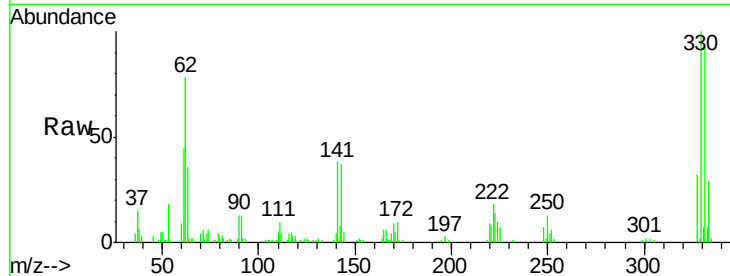




#41
 2,4,6-Tribromophenol
 Concen: 65.93 ng
 RT: 13.66 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

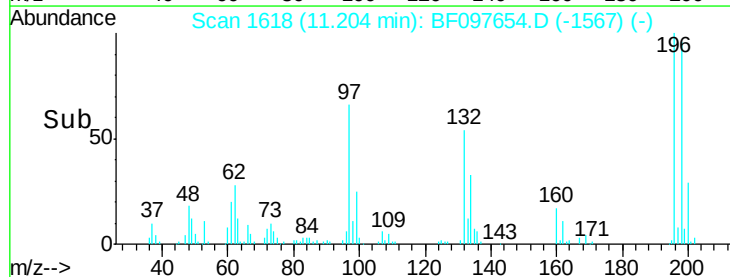
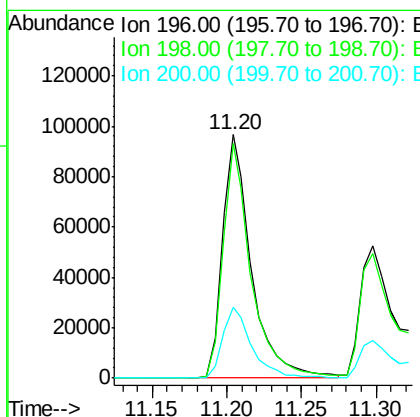
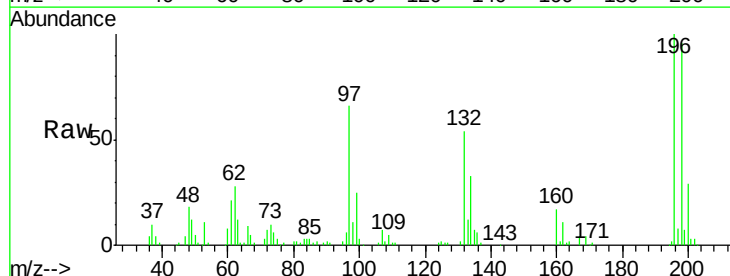
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

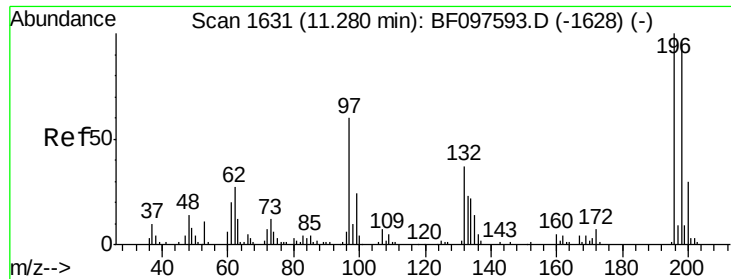
Tot Ion:330 Resp: 84109
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 115.0
 141 42.6 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 42.04 ng
 RT: 11.20 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Tgt Ion:196 Resp: 131625
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.2 111.4
 200 29.1 24.0 36.0

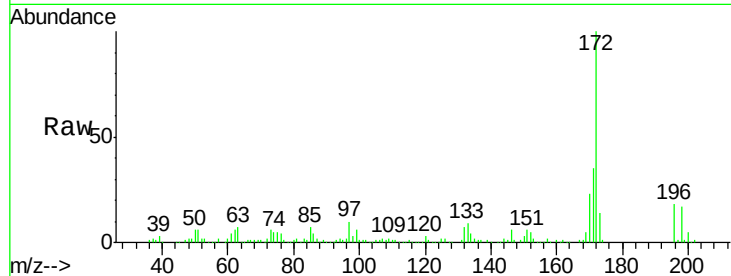




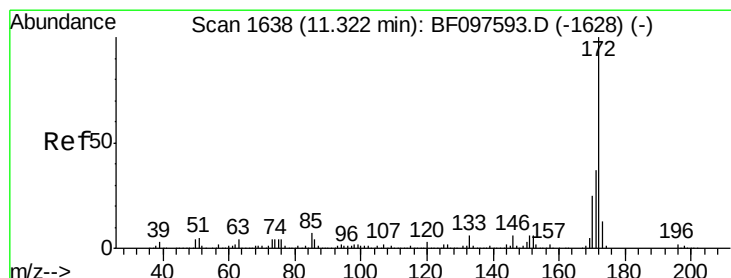
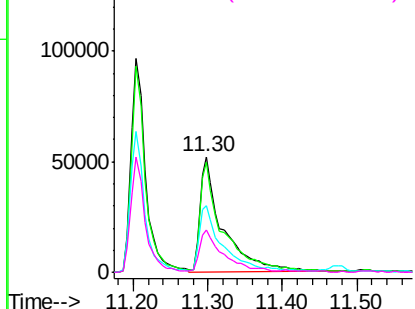
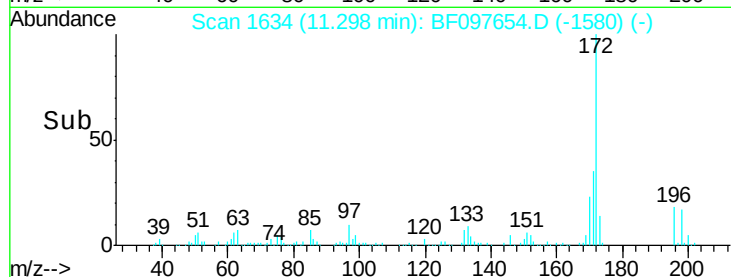
#43
2,4,5-Trichlorophenol
Concen: 37.25 ng
RT: 11.30 min Scan# 1634
Delta R.T. 0.02 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
97	57.3	47.7	71.5
132	36.9	28.0	42.0

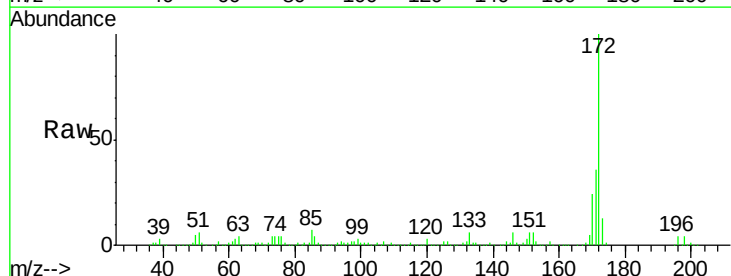


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

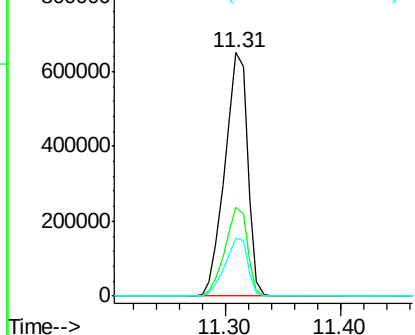
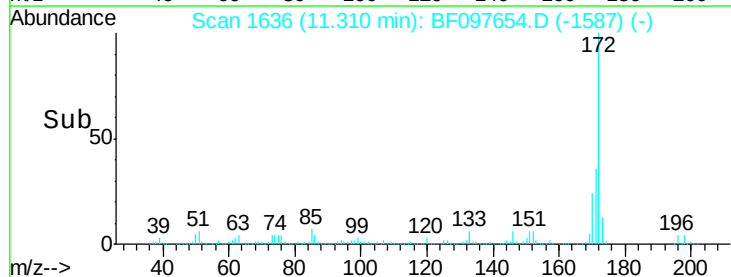


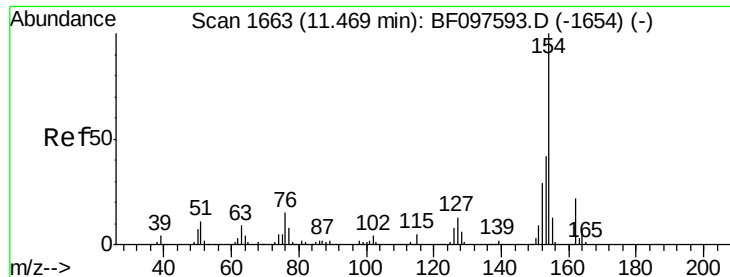
#44
2-Fluorobiphenyl
Concen: 79.97 ng
RT: 11.31 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.9	19.8	29.8



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

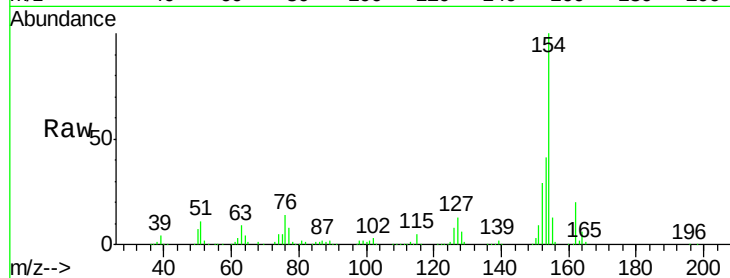




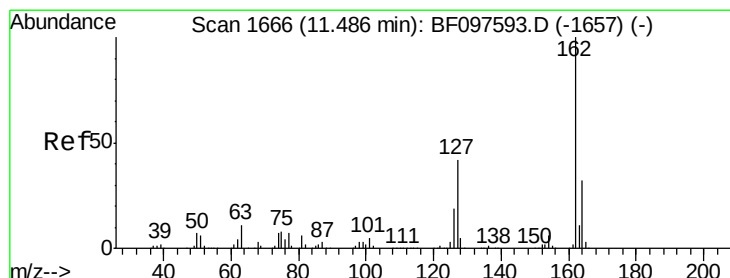
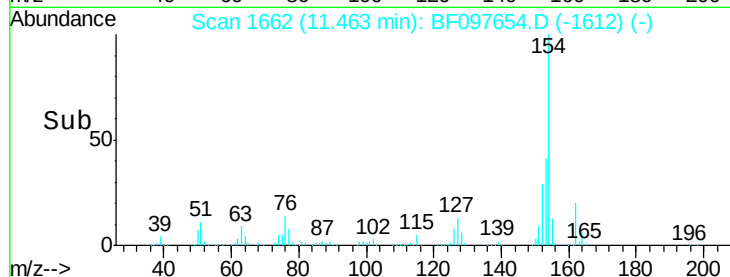
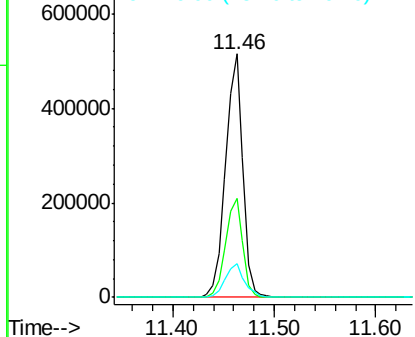
#45
 1,1'-Biphenyl
 Concen: 42.02 ng
 RT: 11.46 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	13.7	0.0	29.9

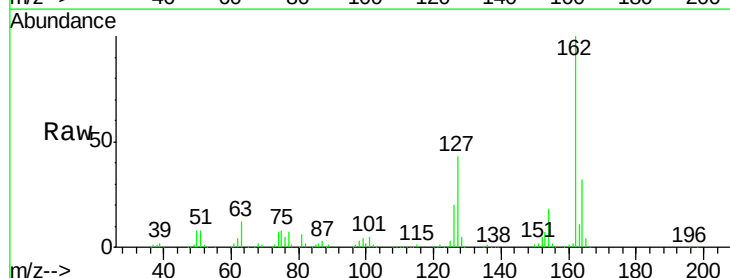


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

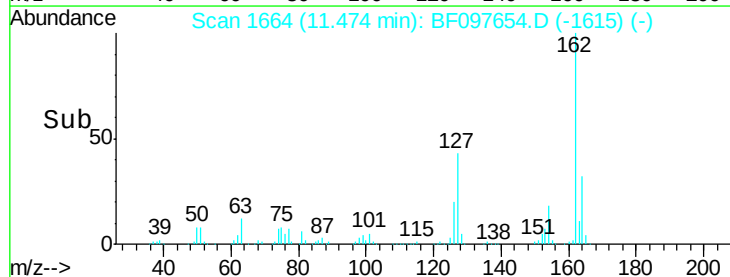
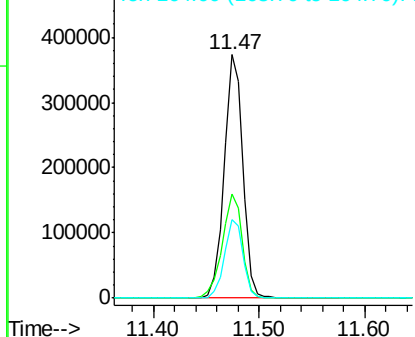


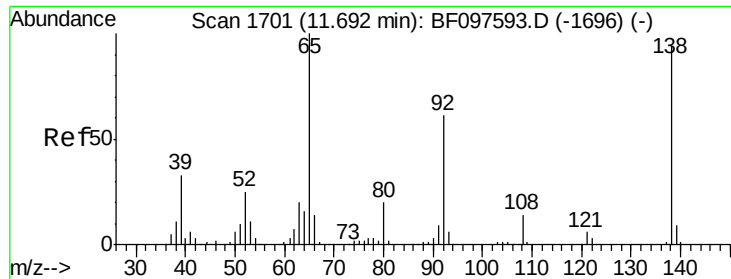
#46
 2-Chloronaphthalene
 Concen: 41.09 ng
 RT: 11.47 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.9	28.3	42.5#
164	32.2	27.0	40.4



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: 41.89 ng

RT: 11.70 min Scan# 1702

Delta R.T. 0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

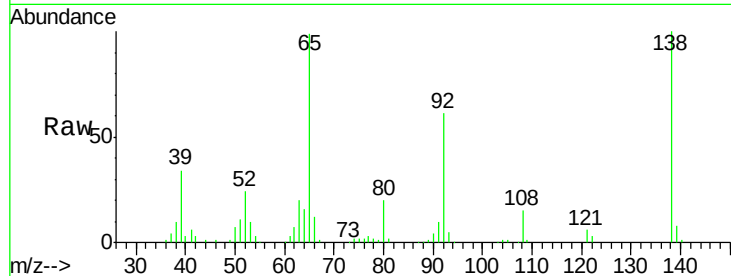
Tot Ion: 65 Resp: 181419

Ion Ratio Lower Upper

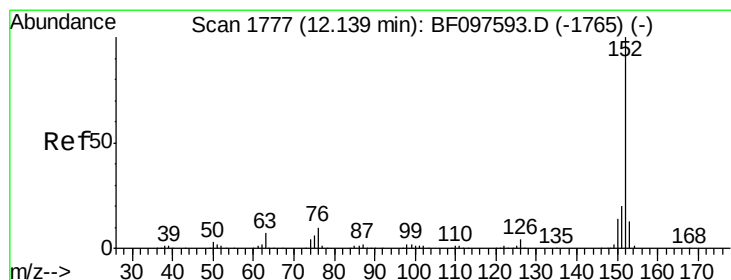
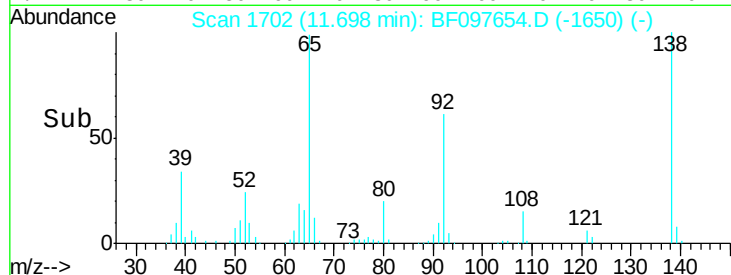
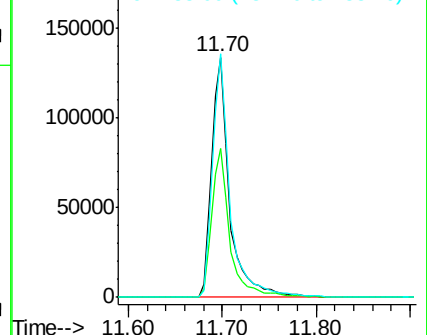
65 100

92 62.1 53.9 80.9

138 101.5 78.8 118.2



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): BF0



#48

Acenaphthylene

Concen: 39.97 ng

RT: 12.13 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

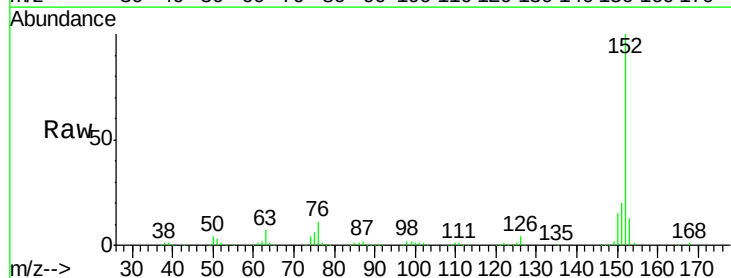
Tgt Ion: 152 Resp: 702432

Ion Ratio Lower Upper

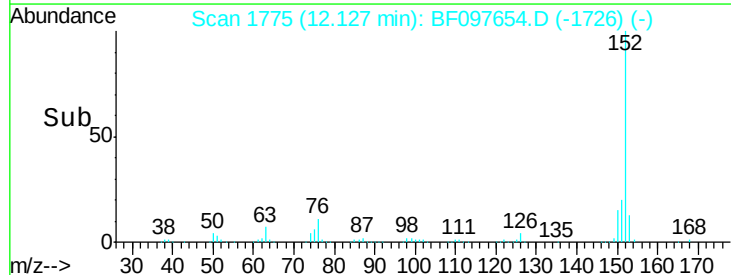
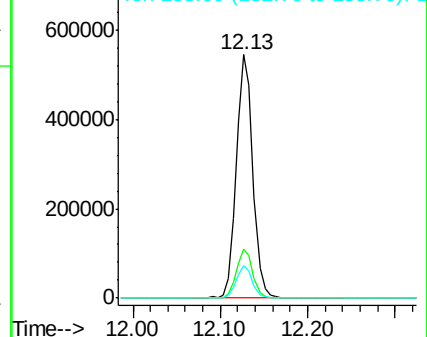
152 100

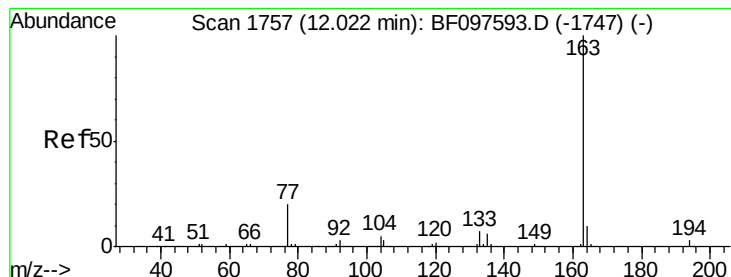
151 20.4 16.8 25.2

153 13.1 10.8 16.2



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: 41.37 ng

RT: 12.01 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

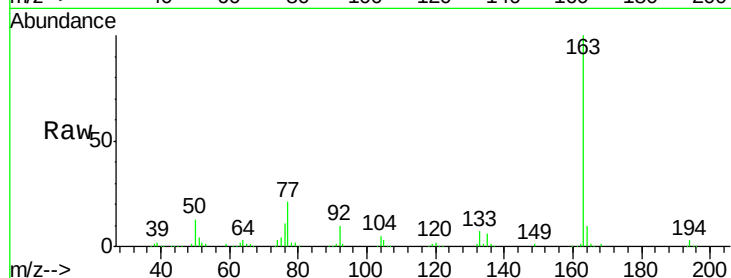
Tot Ion:163 Resp: 535100

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

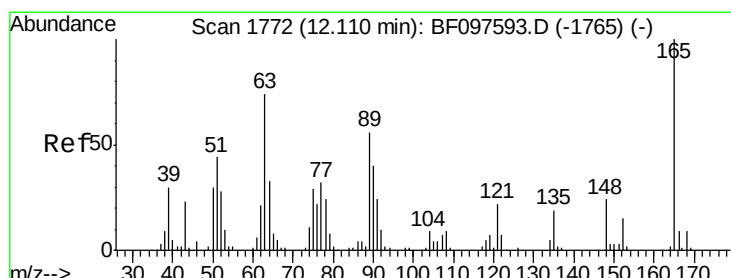
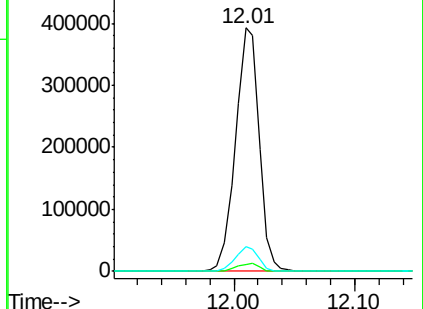
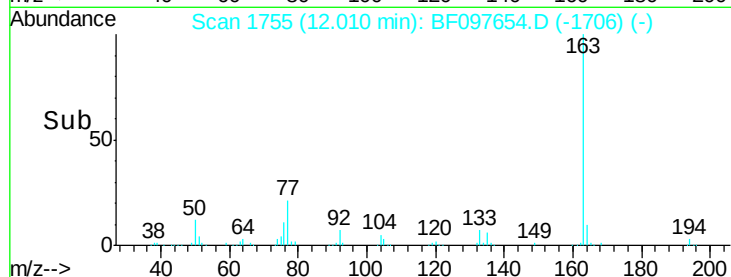
164 10.2 8.4 12.6



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: 40.19 ng

RT: 12.11 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

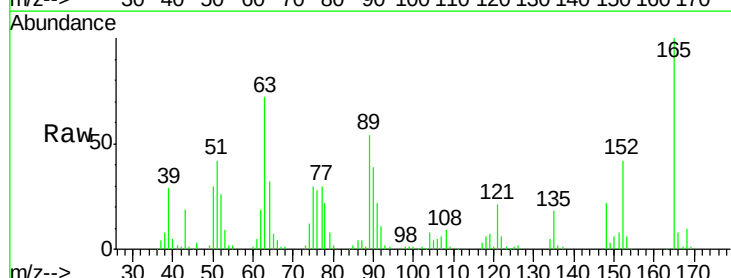
Tgt Ion:165 Resp: 107337

Ion Ratio Lower Upper

165 100

63 72.4 34.3 51.5#

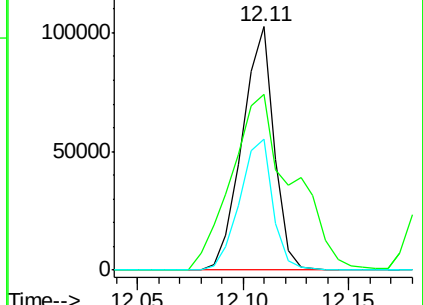
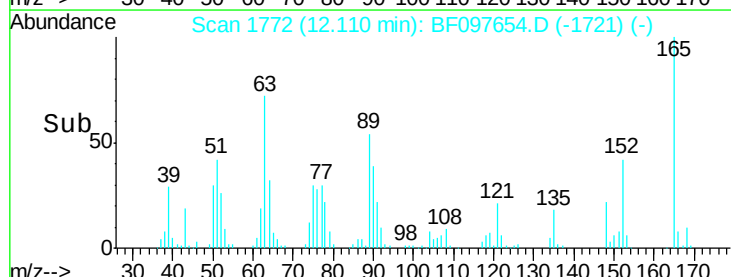
89 53.8 37.1 55.7

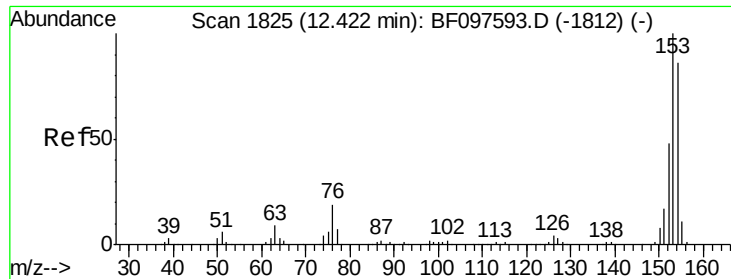


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.08 ng

RT: 12.42 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

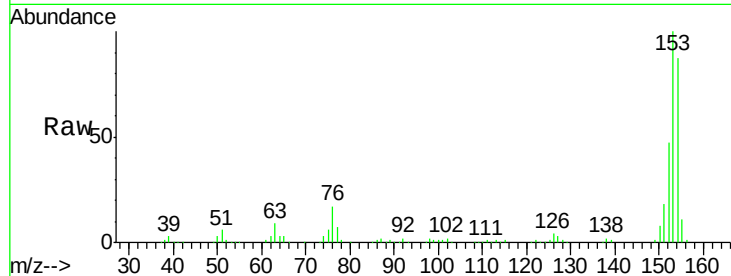
Tot Ion:154 Resp: 411570

Ion Ratio Lower Upper

154 100

153 114.4 90.5 135.7

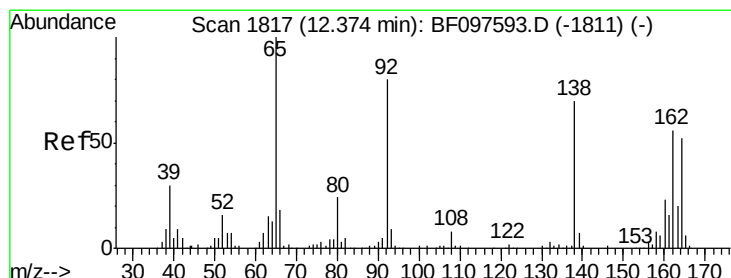
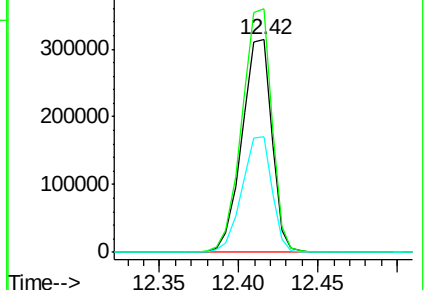
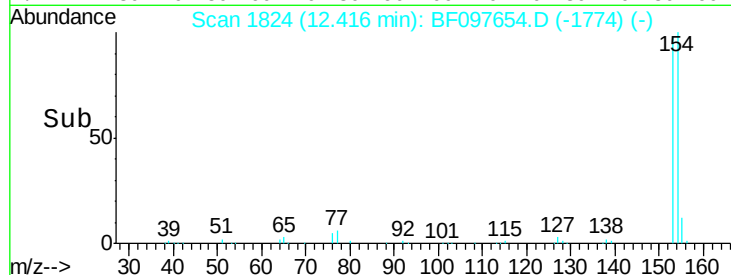
152 54.3 43.6 65.4



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: 40.30 ng

RT: 12.38 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

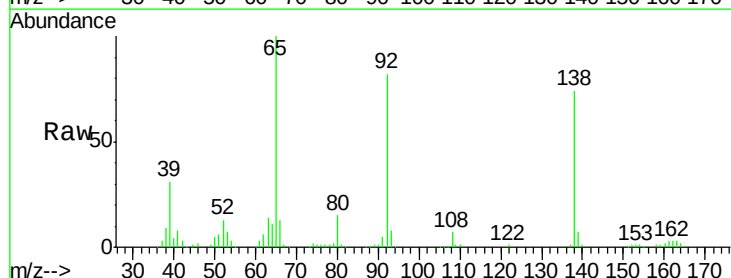
Tgt Ion:138 Resp: 140936

Ion Ratio Lower Upper

138 100

108 9.0 9.1 13.7#

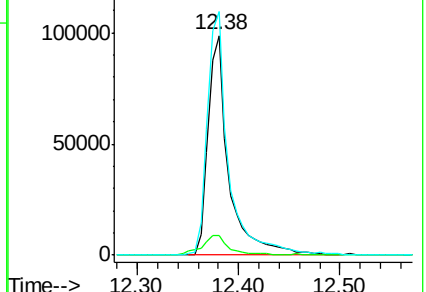
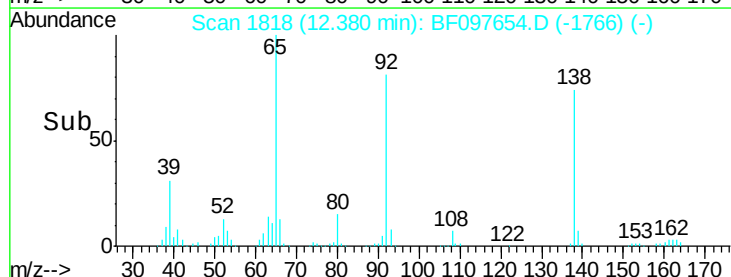
92 110.9 93.8 140.6

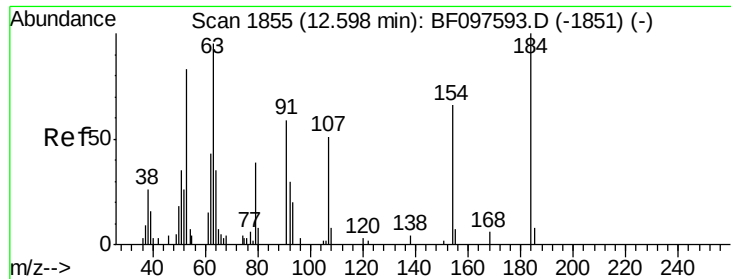


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 3.10 ng

RT: 12.66 min Scan# 1865

Delta R.T. 0.06 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

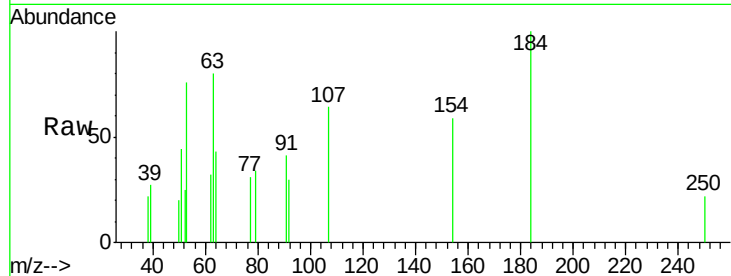
Tot Ion:184 Resp: 3412

Ion Ratio Lower Upper

184 100

63 80.3 62.7 94.1

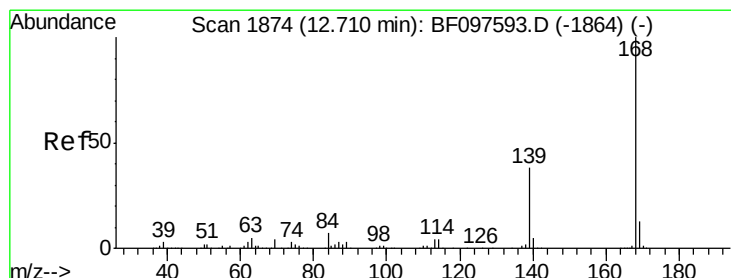
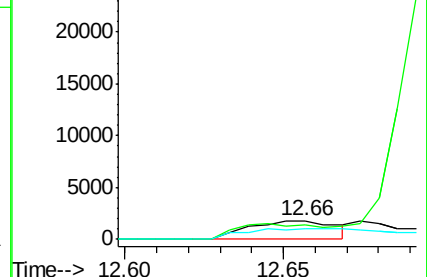
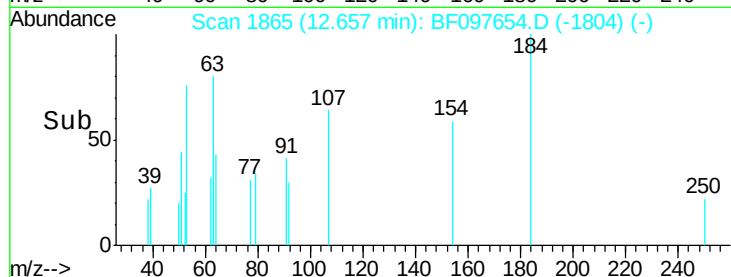
154 58.9 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.37 ng

RT: 12.70 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

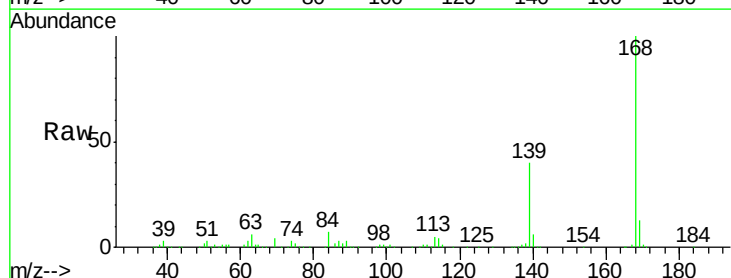
Tgt Ion:168 Resp: 580557

Ion Ratio Lower Upper

168 100

139 40.1 30.6 45.8

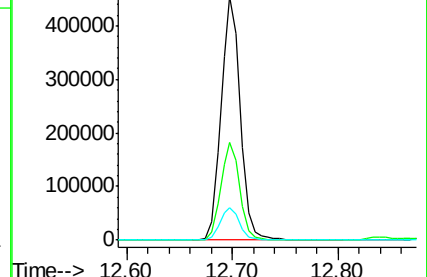
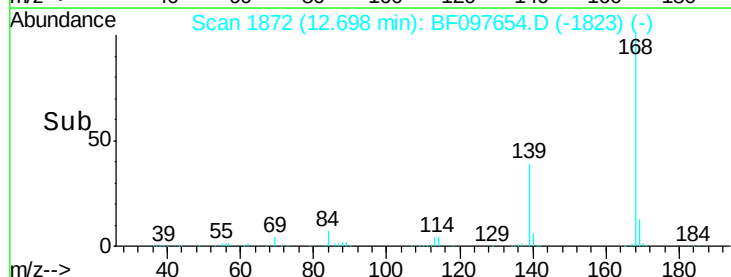
169 13.4 10.8 16.2

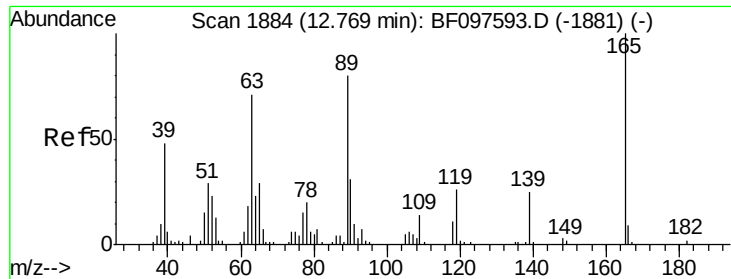


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

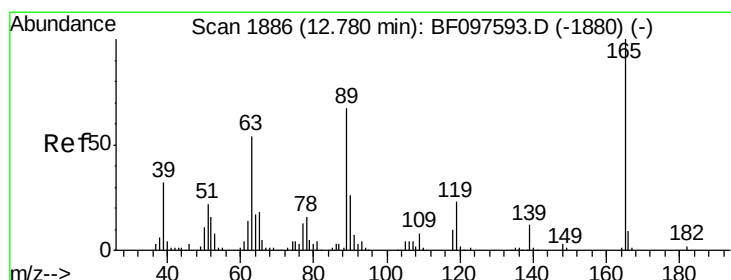
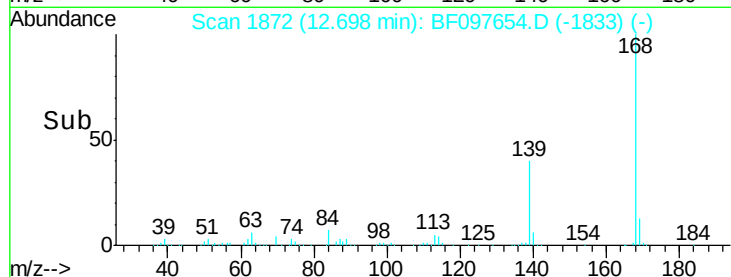
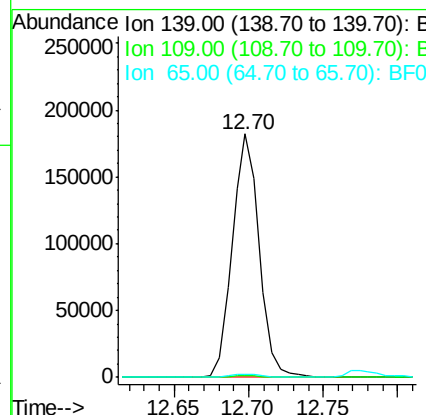
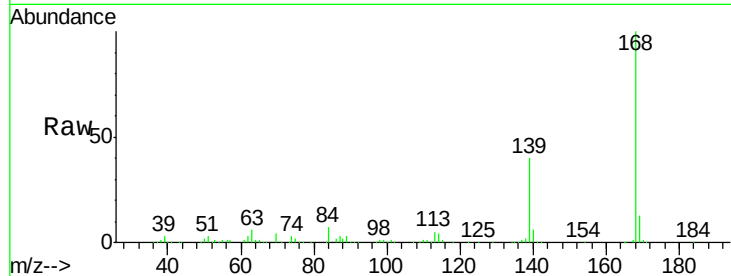




#55
4-Nitrophenol
Concen: 172.41 ng
RT: 12.70 min Scan# 1872
Delta R.T. -0.07 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

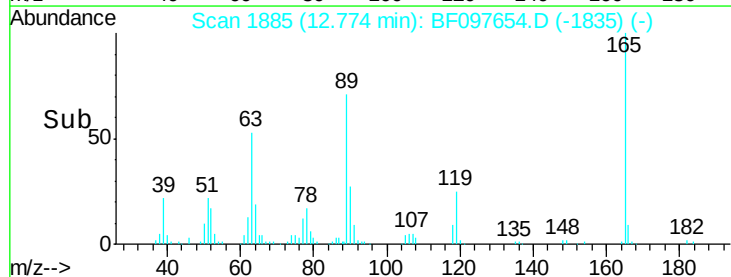
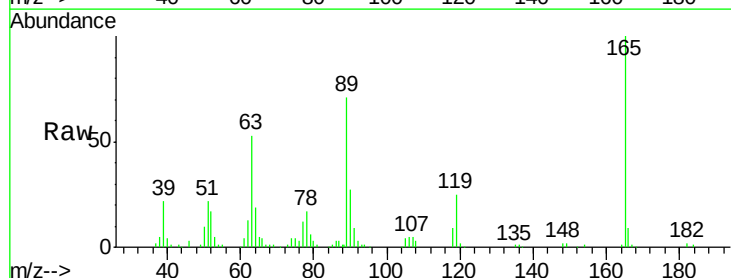
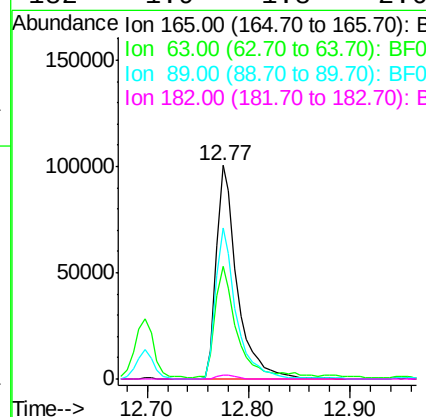
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

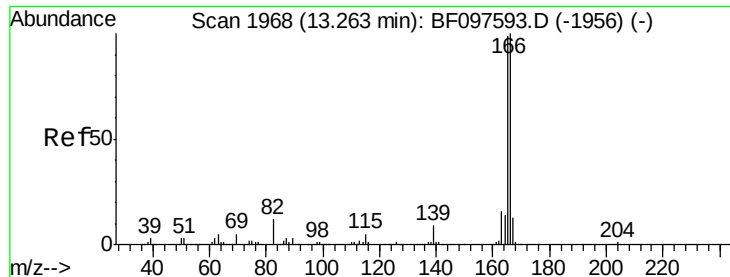
Tot Ion	Ratio	Resp	Lower	Upper
139	100	229622		
109	0.7	34.1	74.1#	
65	1.5	31.4	71.4#	



#56
2,4-Dinitrotoluene
Concen: 40.43 ng
RT: 12.77 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	144122		
63	52.8	25.4	38.0#	
89	70.5	46.4	69.6#	
182	1.9	1.8	2.6	





#57

Fluorene

Concen: 38.70 ng

RT: 13.25 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

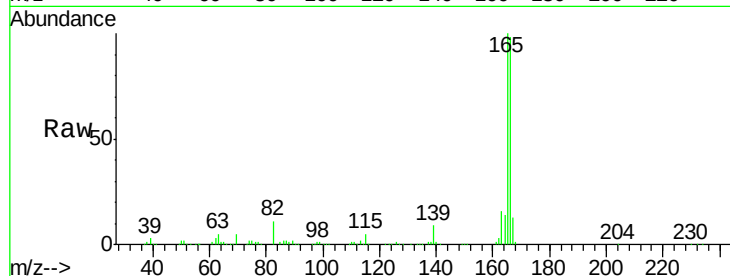
Tot Ion:166 Resp: 469340

Ion Ratio Lower Upper

166 100

165 101.8 78.8 118.2

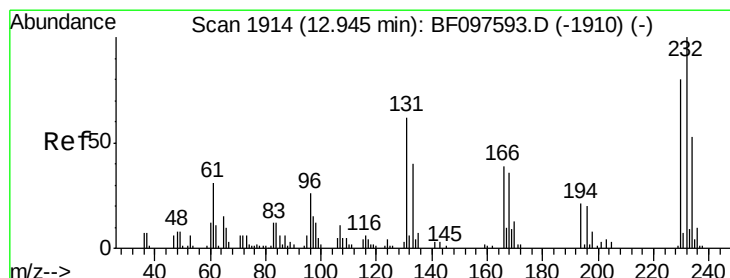
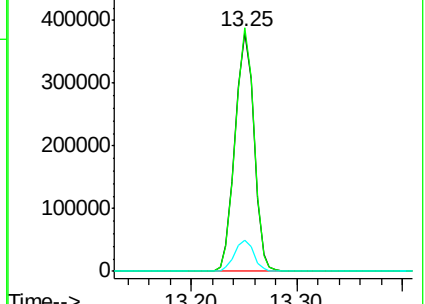
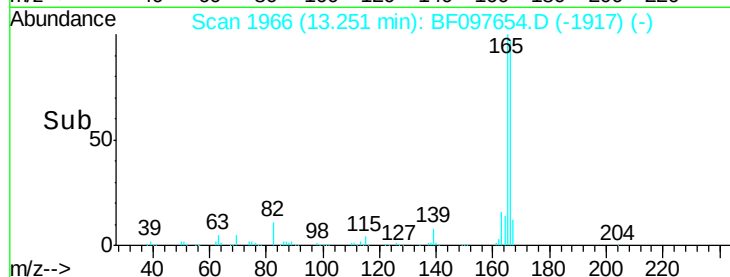
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.76 ng

RT: 12.95 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Tgt Ion:232 Resp: 56373

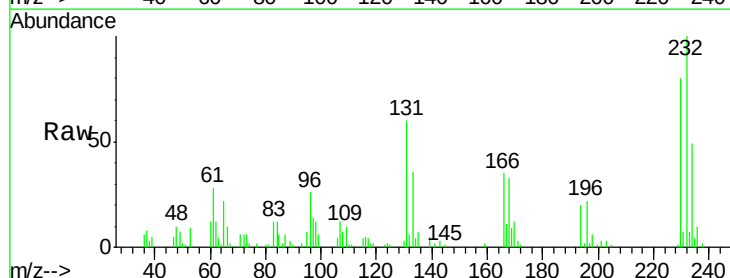
Ion Ratio Lower Upper

232 100

131 67.1 44.8 67.2

130 2.2 2.3 3.5#

166 25.8 29.0 43.4#

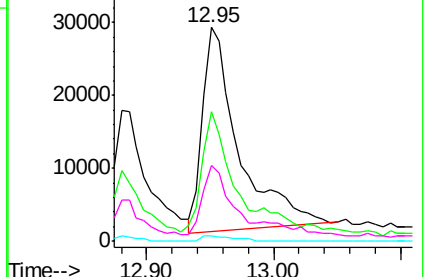
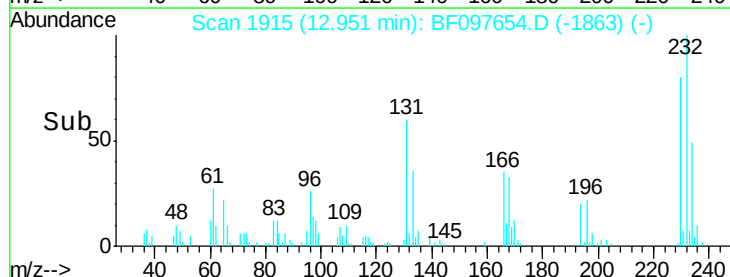


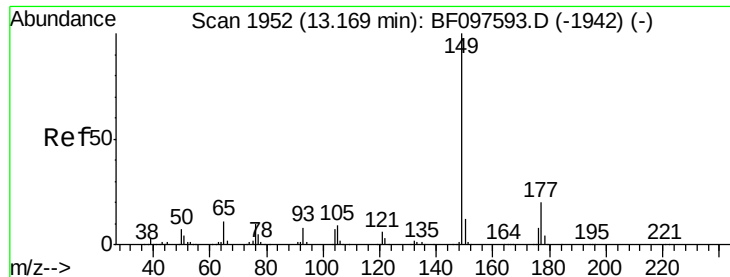
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.81 ng

RT: 13.16 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

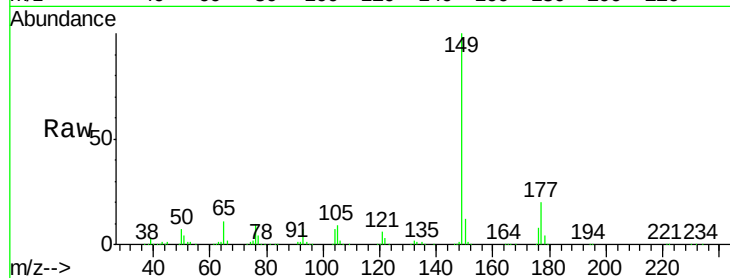
Tot Ion:149 Resp: 510711

Ion Ratio Lower Upper

149 100

177 19.9 16.7 25.1

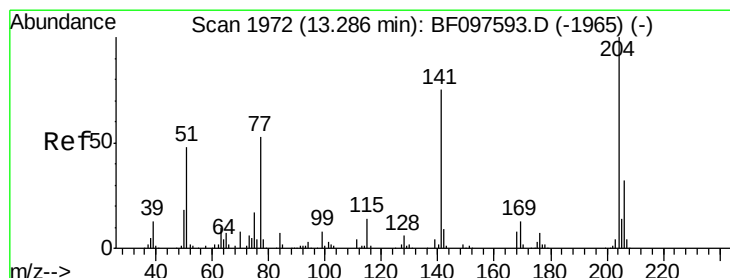
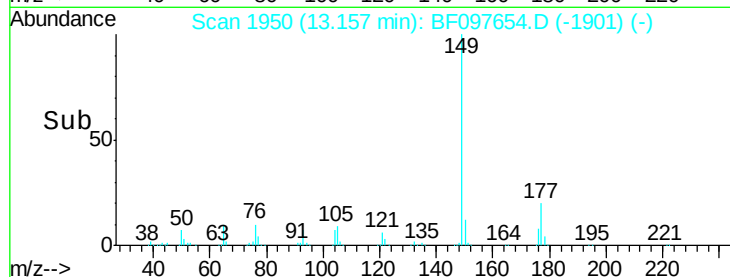
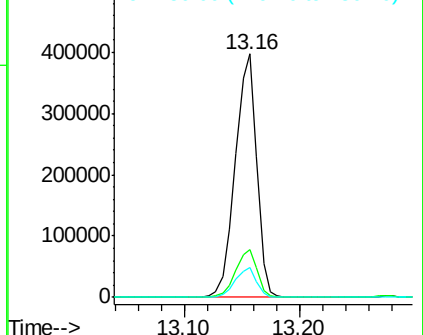
150 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.71 ng

RT: 13.28 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

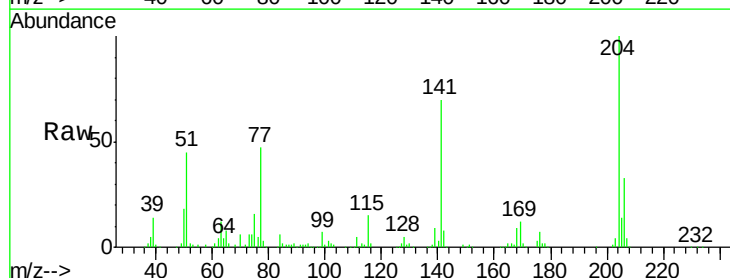
Tgt Ion:204 Resp: 210732

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.2

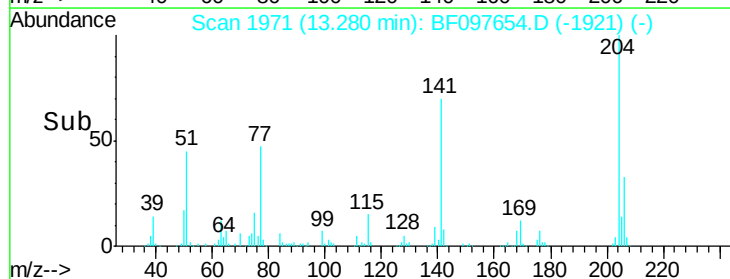
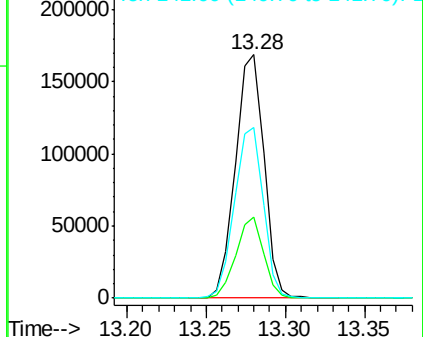
141 69.9 60.8 91.2

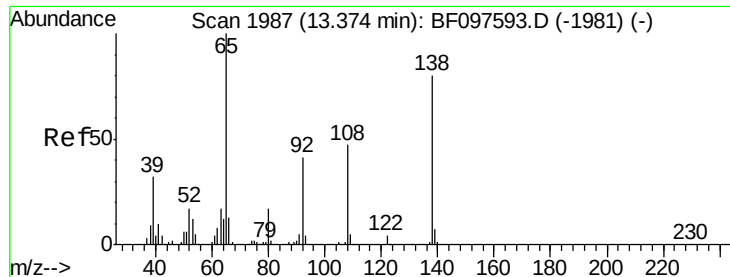


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

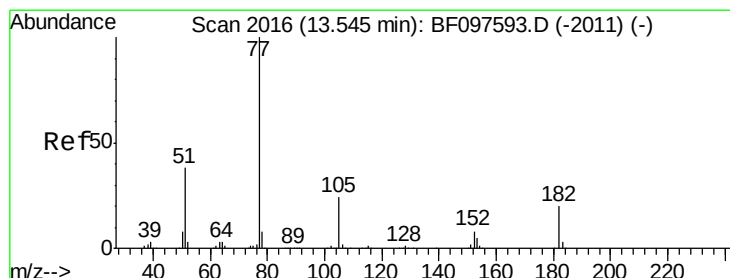
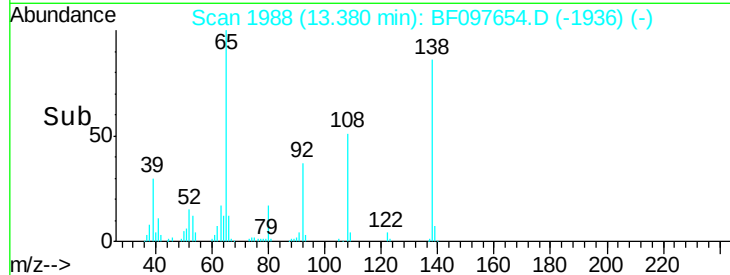
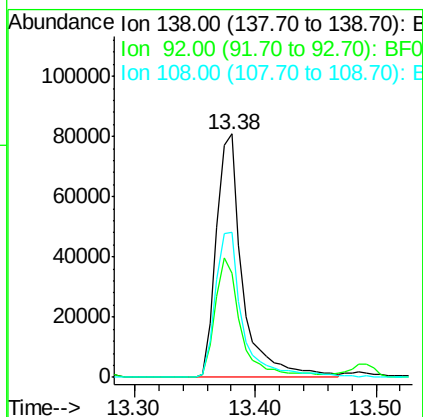
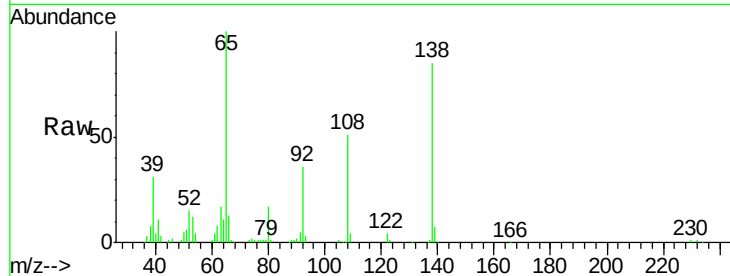




#61
4-Nitroaniline
Concen: 36.40 ng
RT: 13.38 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

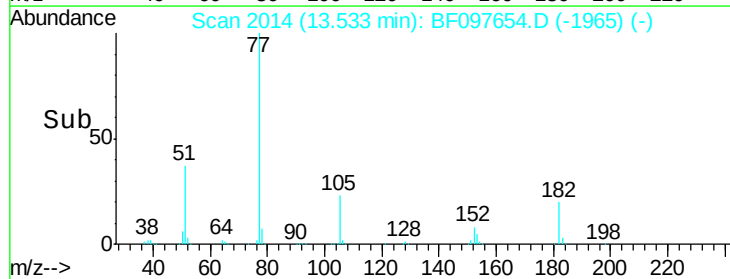
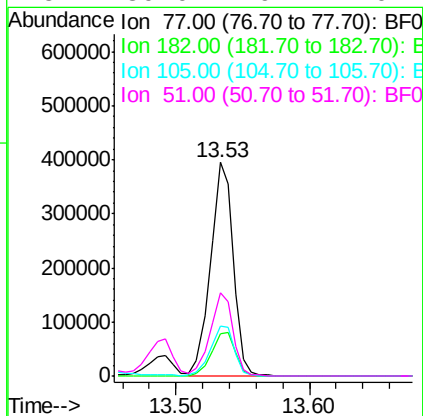
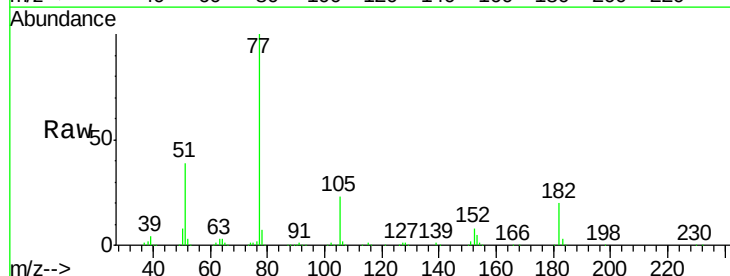
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

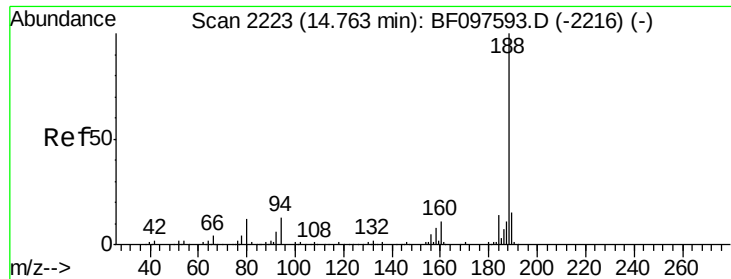
Tot Ion:138 Resp: 121427
Ion Ratio Lower Upper
138 100
92 42.9 21.8 61.8
108 59.8 42.3 82.3



#62
Azobenzene
Concen: 38.79 ng
RT: 13.53 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion: 77 Resp: 471465
Ion Ratio Lower Upper
77 100
182 20.0 0.1 40.1
105 23.2 3.6 43.6
51 39.0 9.4 49.4

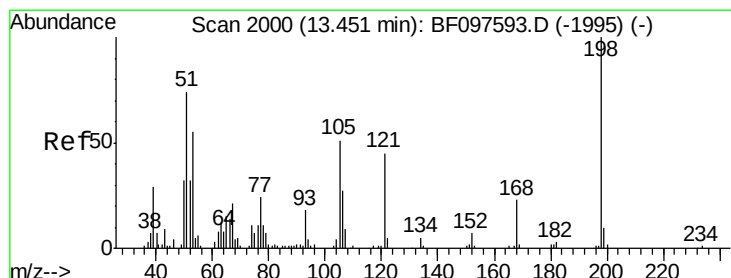
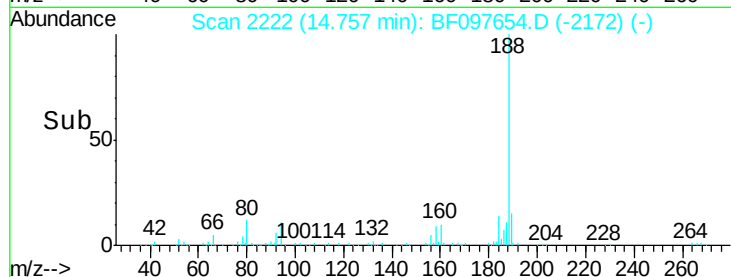
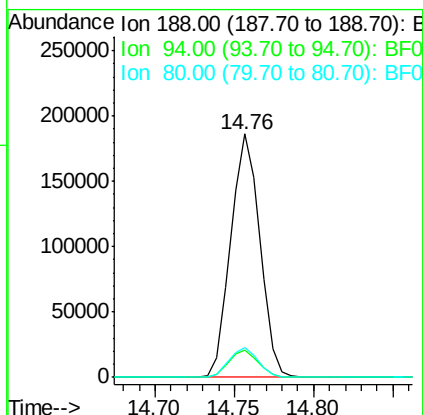
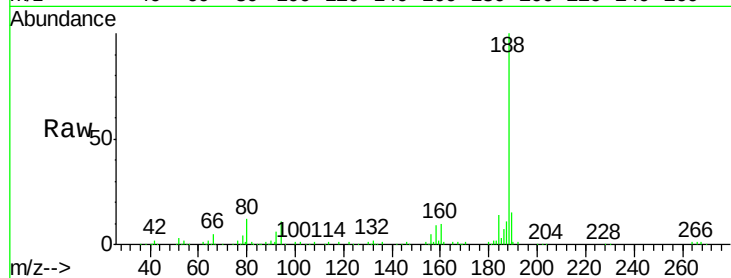




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

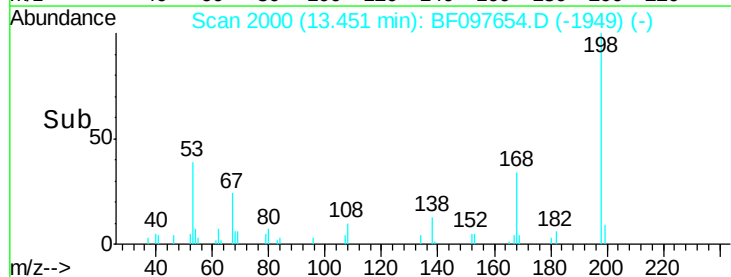
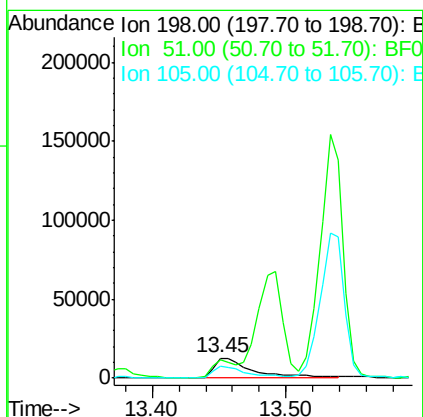
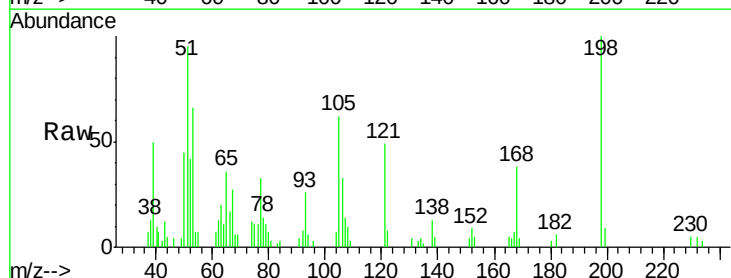
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

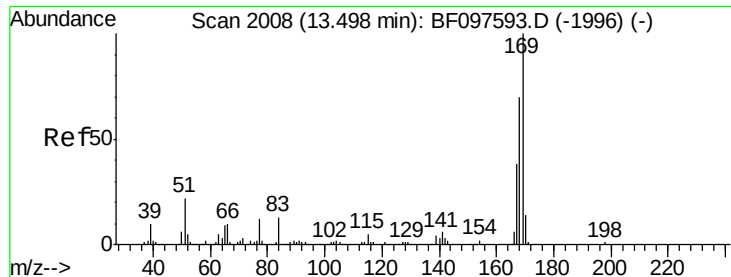
Tot Ion:188 Resp: 237025
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 18.18 ng
RT: 13.45 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion:198 Resp: 26292
Ion Ratio Lower Upper
198 100
51 95.0 53.2 93.2#
105 62.1 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 45.89 ng

RT: 13.49 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

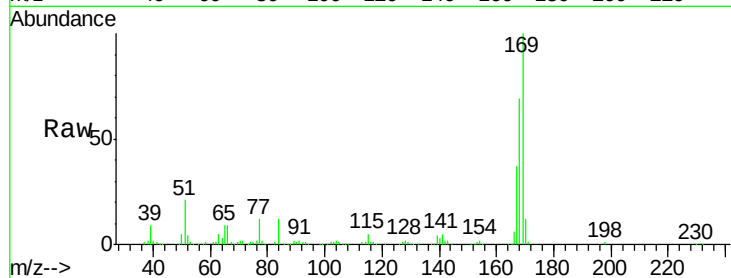
Tot Ion:169 Resp: 402000

Ion Ratio Lower Upper

169 100

168 68.9 53.2 79.8

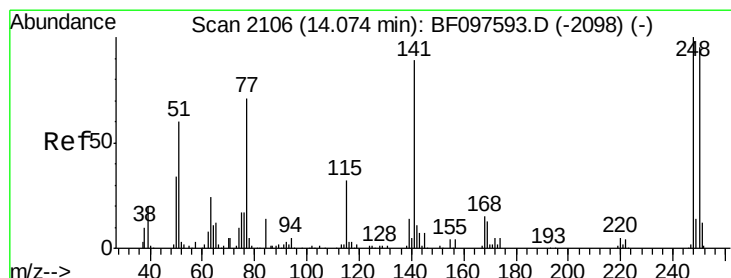
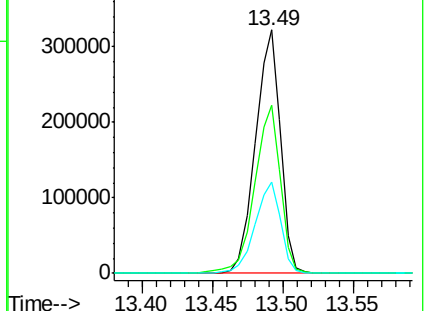
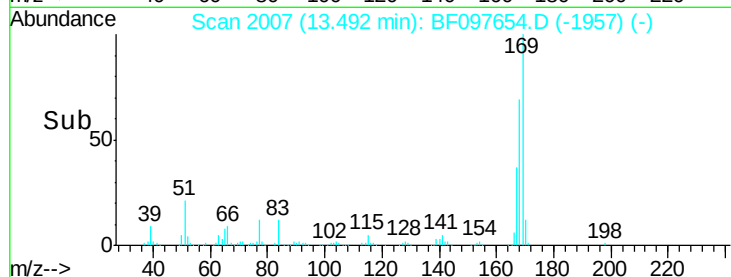
167 37.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.37 ng

RT: 14.06 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

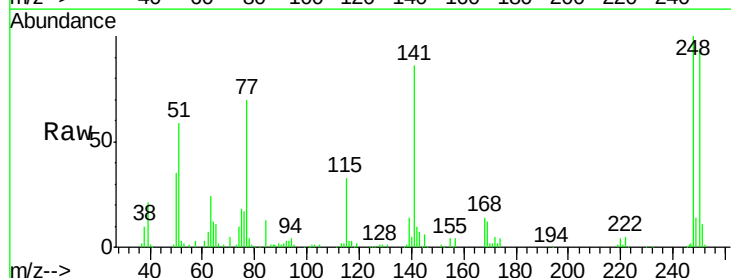
Tgt Ion:248 Resp: 114023

Ion Ratio Lower Upper

248 100

250 94.1 76.8 115.2

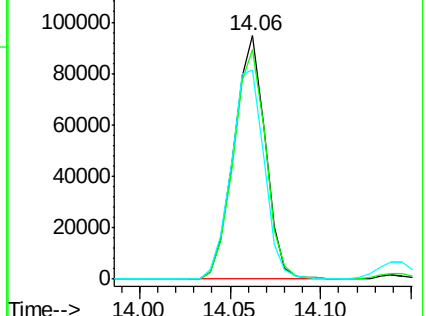
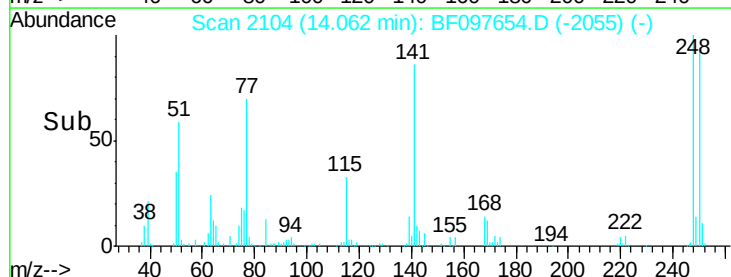
141 86.1 68.6 103.0

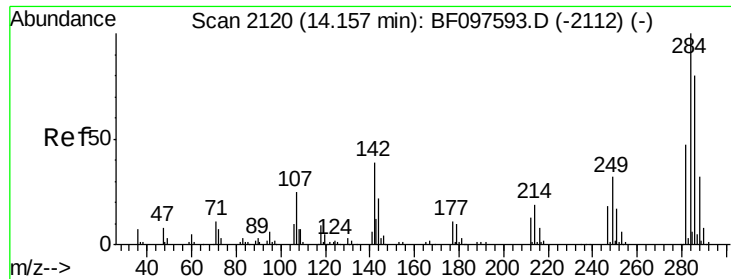


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

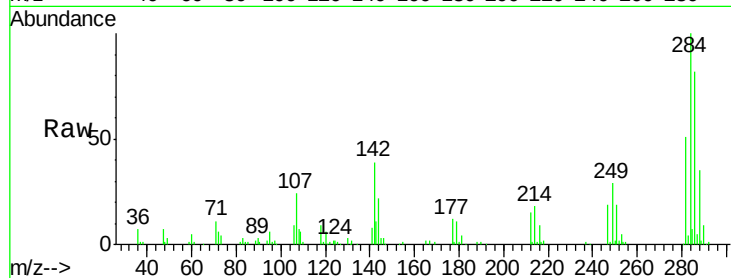




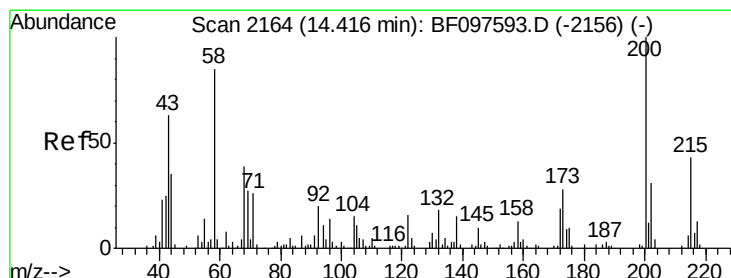
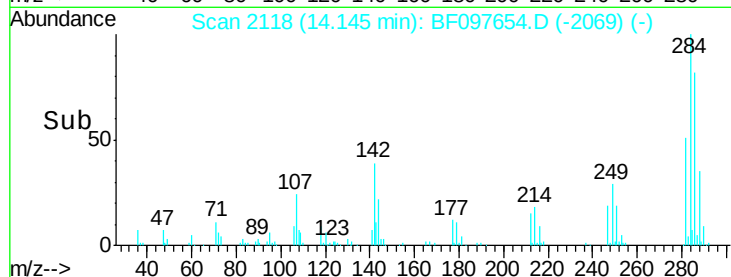
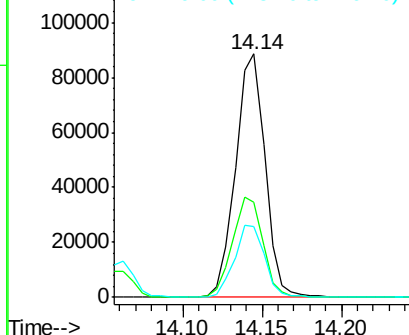
#67
Hexachlorobenzene
Concen: 42.64 ng
RT: 14.14 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 114218
Ion Ratio Lower Upper
284 100
142 39.0 22.8 34.2#
249 28.9 24.0 36.0

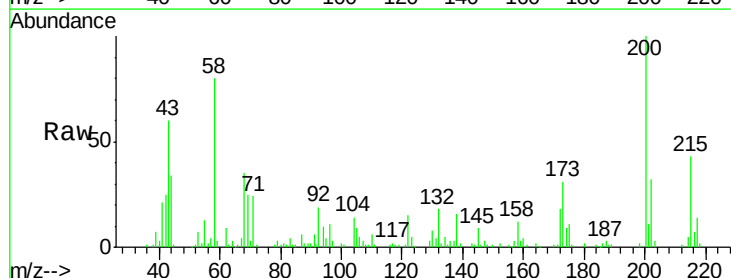


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

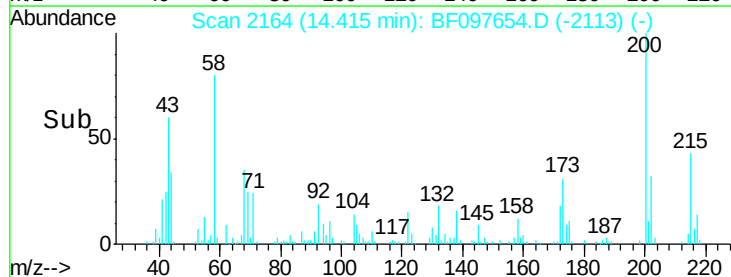
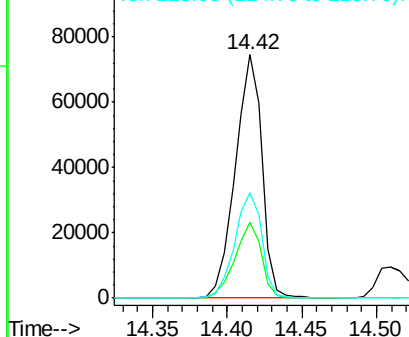


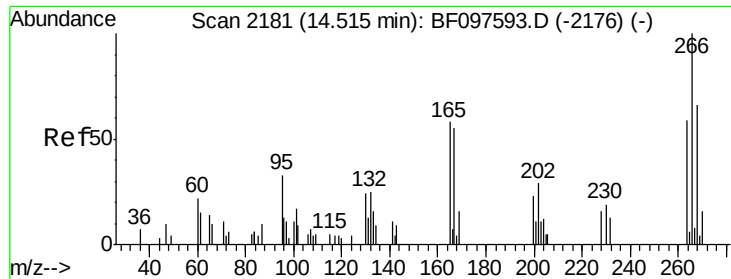
#68
Atrazine
Concen: 42.23 ng
RT: 14.42 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion:200 Resp: 92805
Ion Ratio Lower Upper
200 100
173 31.4 6.3 46.3
215 43.5 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

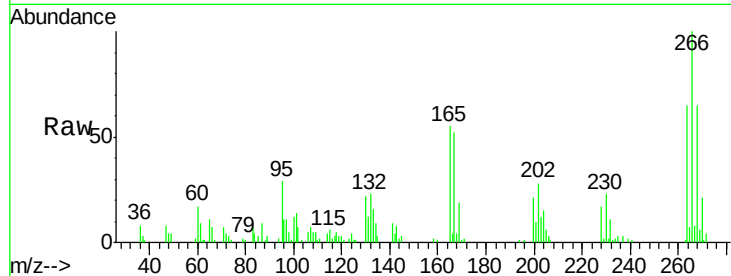




#69
 Pentachlorophenol
 Concen: Below Cal
 RT: 14.51 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	65.2	51.7	77.5

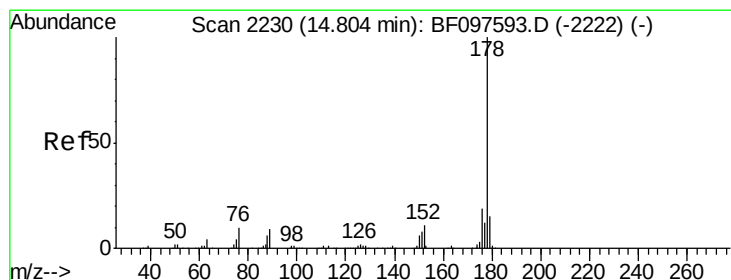
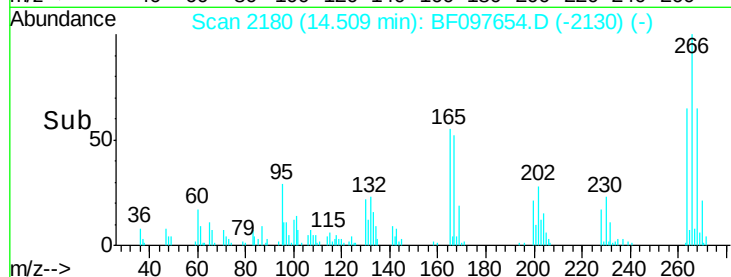
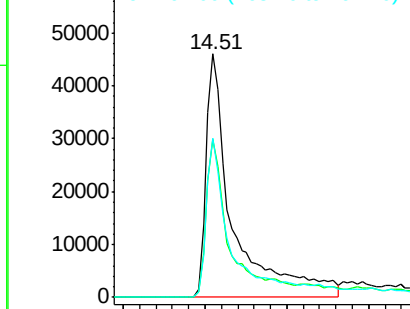


Abundance

Ion 265.70 (265.40 to 266.40): E

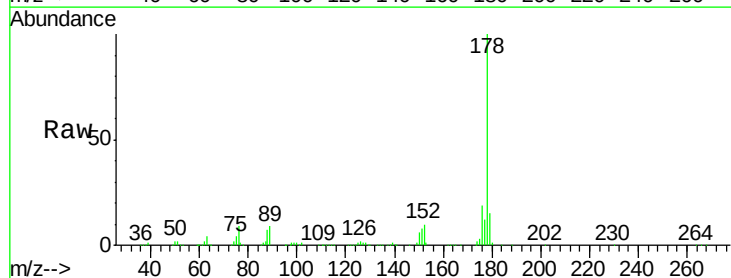
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.85 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	14.8	12.6	19.0

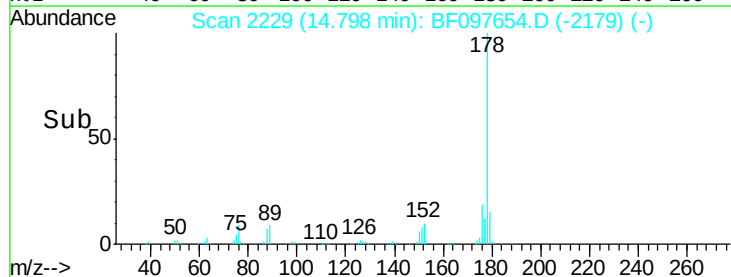
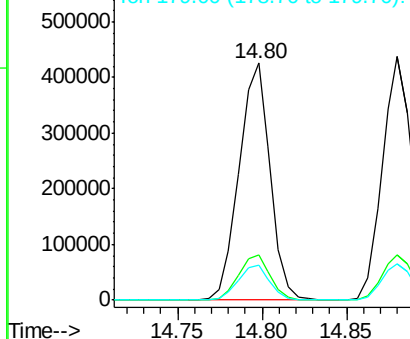


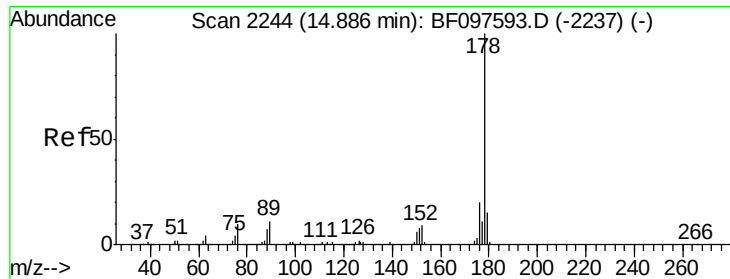
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

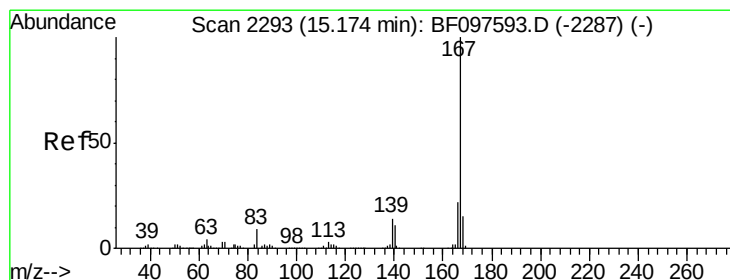
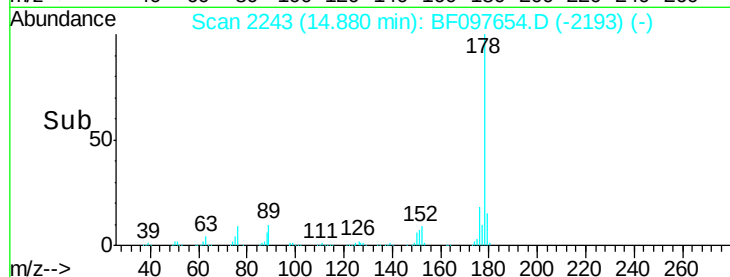
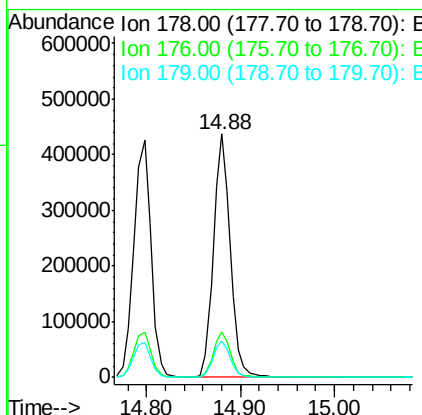
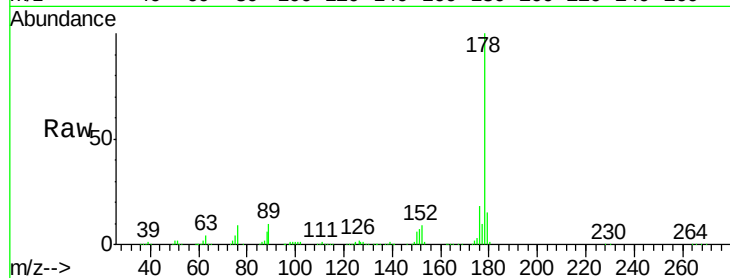




#71
 Anthracene
 Concen: 39.54 ng
 RT: 14.88 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

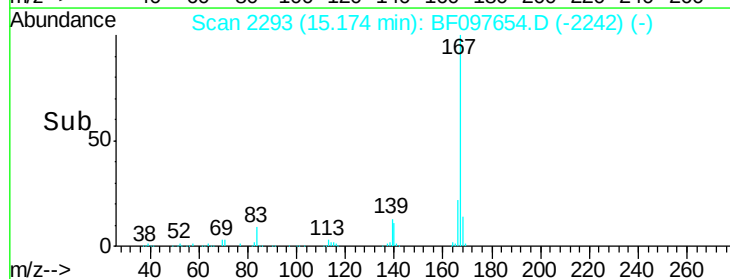
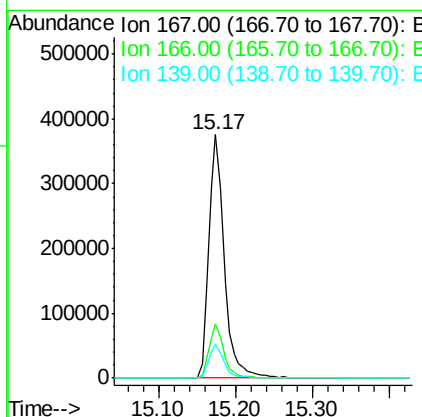
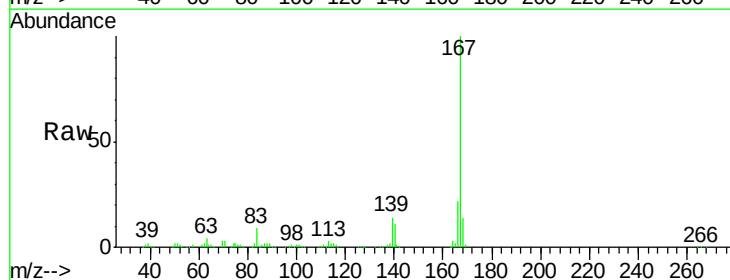
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

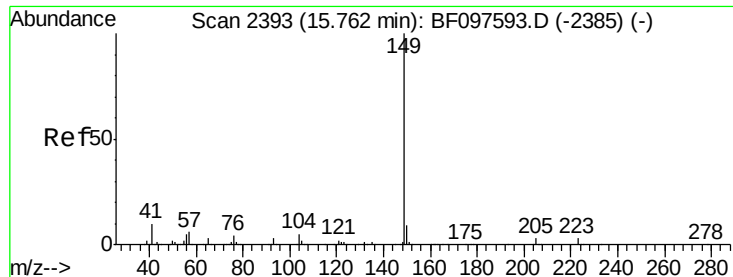
Tot Ion:178 Resp: 552276
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 38.36 ng
 RT: 15.17 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Tgt Ion:167 Resp: 510090
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.27 ng

RT: 15.75 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

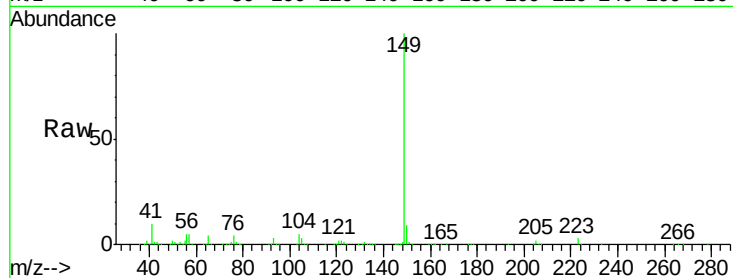
Tot Ion:149 Resp: 704569

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

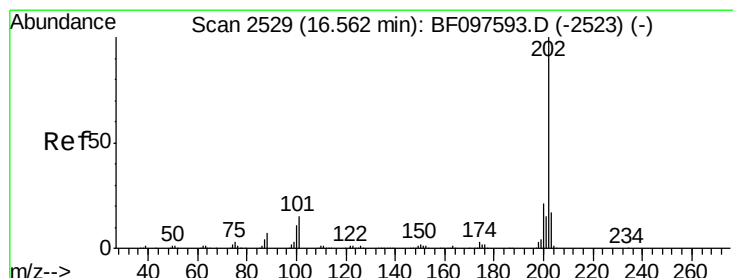
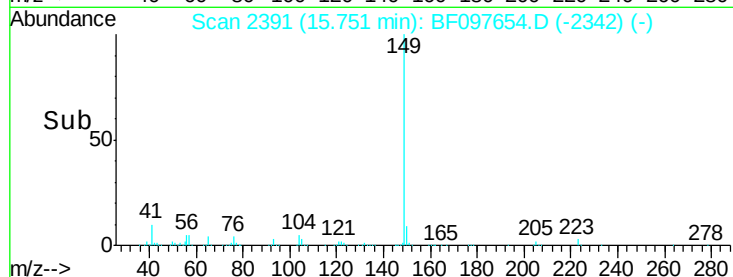
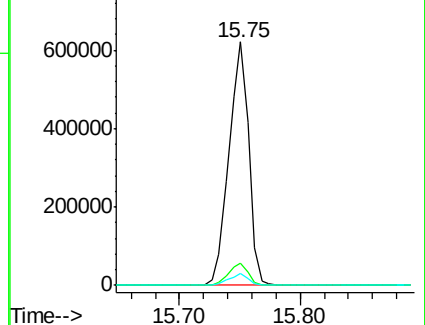
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.99 ng

RT: 16.56 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

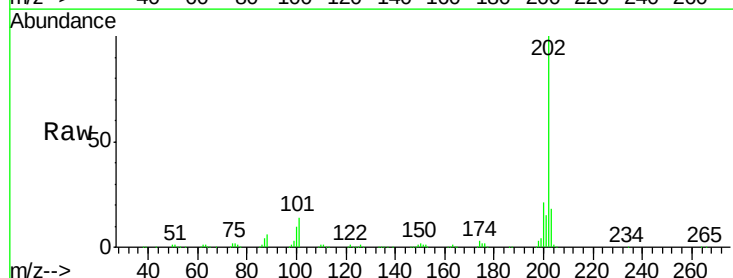
Tgt Ion:202 Resp: 468592

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

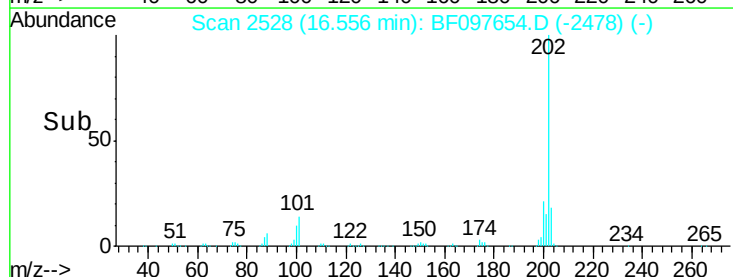
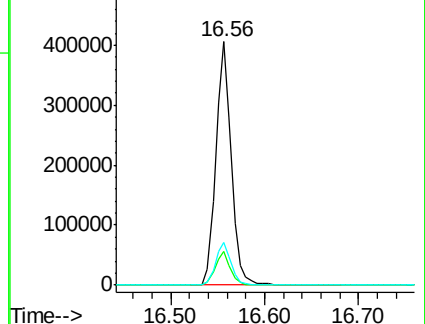
203 17.6 0.0 38.1

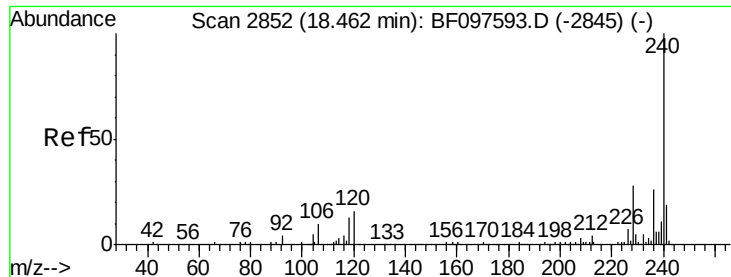


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

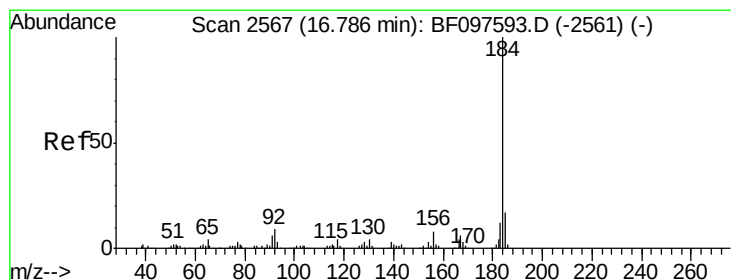
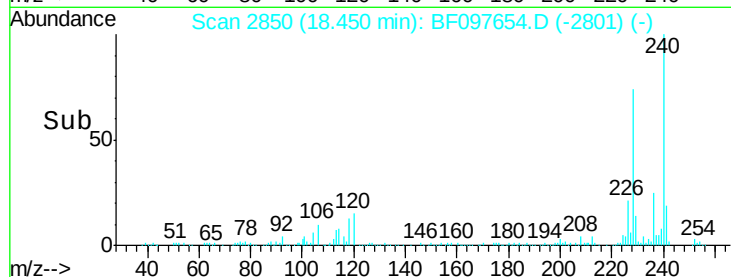
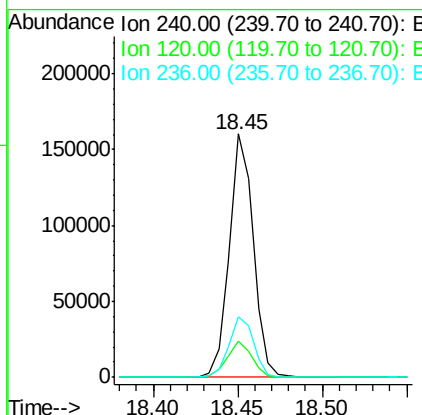
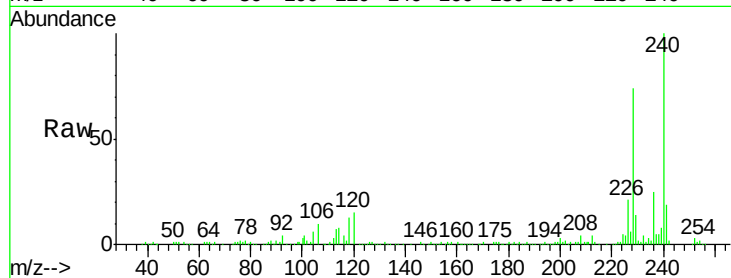




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

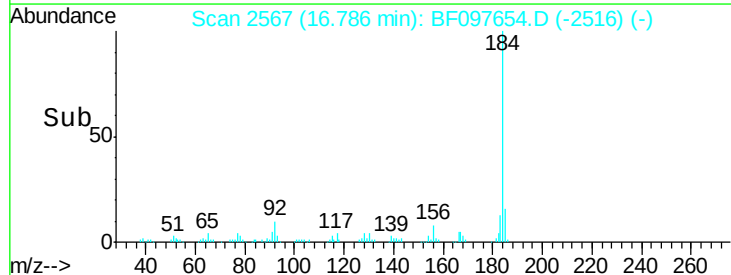
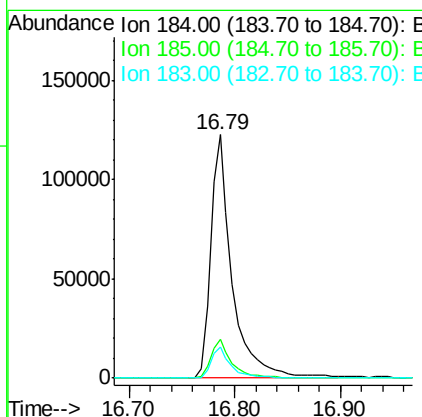
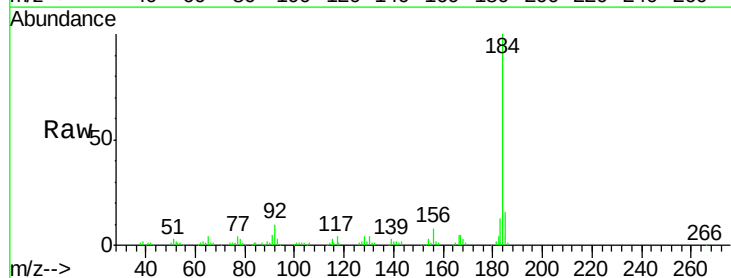
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

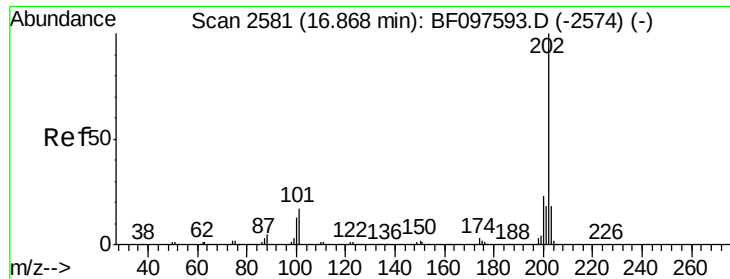
Tot Ion:240 Resp: 157517
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 24.9 20.5 30.7



#76
Benzidine
Concen: 33.32 ng
RT: 16.79 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion:184 Resp: 172953
Ion Ratio Lower Upper
184 100
185 16.1 15.5 23.3
183 12.6 9.8 14.6

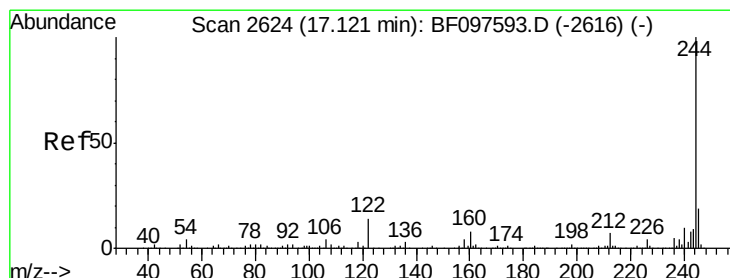
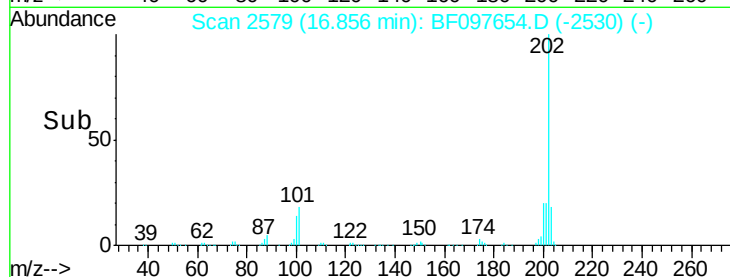
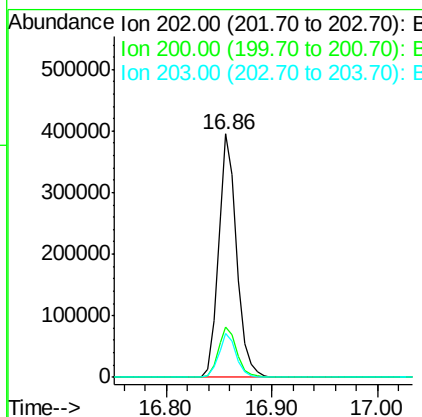
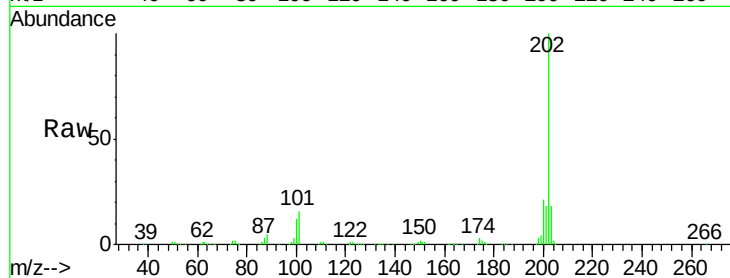




#77
Pvrene
Concen: 36.41 ng
RT: 16.86 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

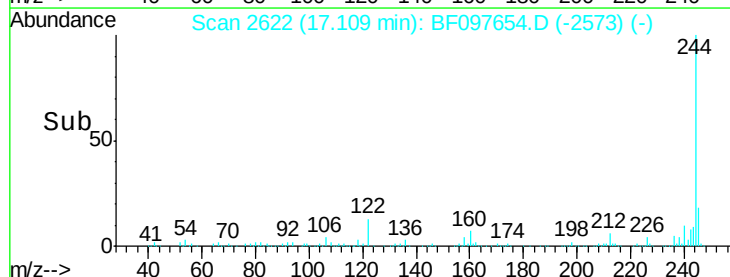
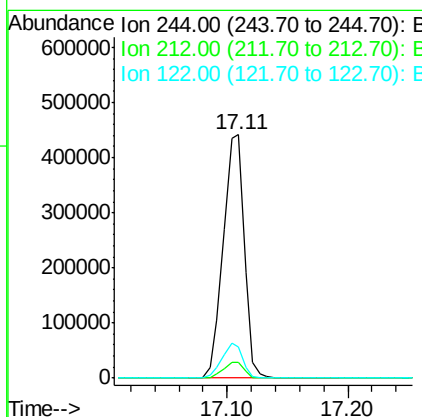
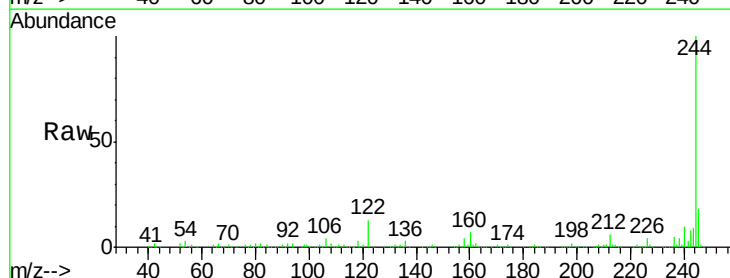
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

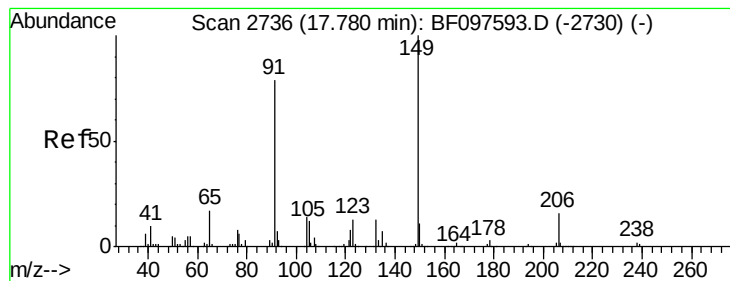
Tot Ion:202 Resp: 474243
Ion Ratio Lower Upper
202 100
200 20.8 17.6 26.4
203 18.0 14.4 21.6



#78
Terphenyl-d14
Concen: 70.10 ng
RT: 17.11 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion:244 Resp: 533491
Ion Ratio Lower Upper
244 100
212 6.5 6.0 9.0
122 12.8 10.3 15.5





#79

Butylbenzylphthalate

Concen: 42.90 ng

RT: 17.77 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

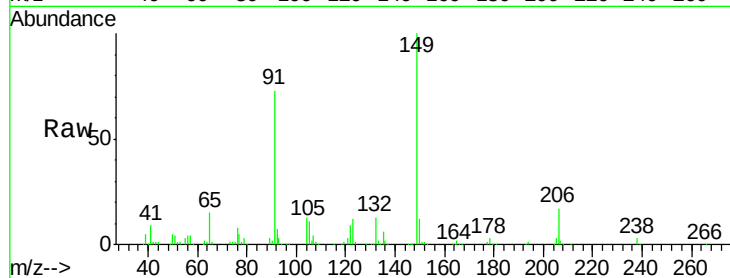
Tot Ion:149 Resp: 233621

Ion Ratio Lower Upper

149 100

91 73.2 45.0 67.4#

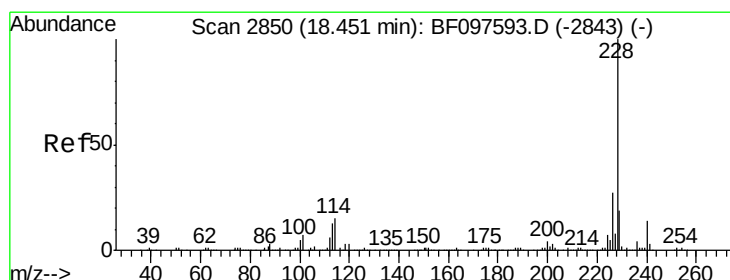
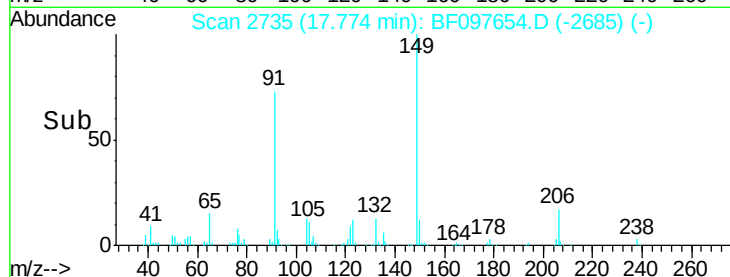
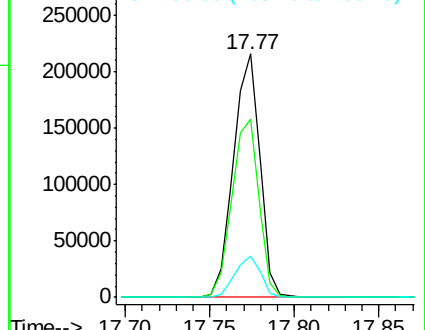
206 16.9 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.47 ng

RT: 18.44 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

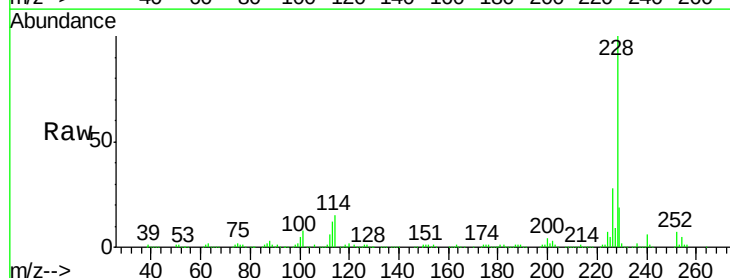
Tgt Ion:228 Resp: 372290

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

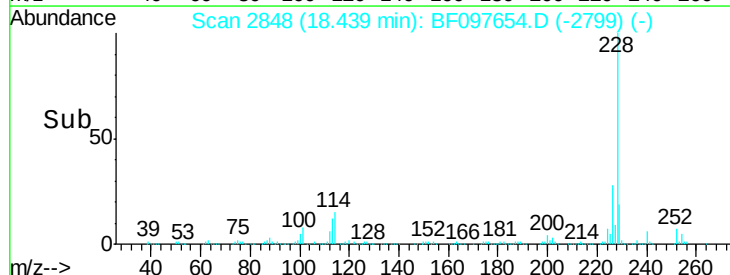
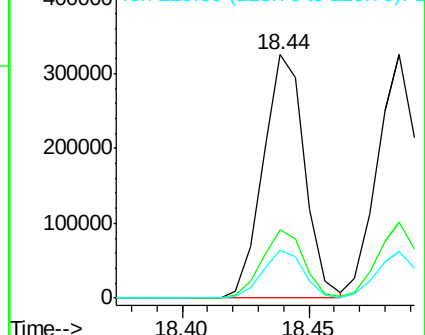
229 19.5 16.3 24.5

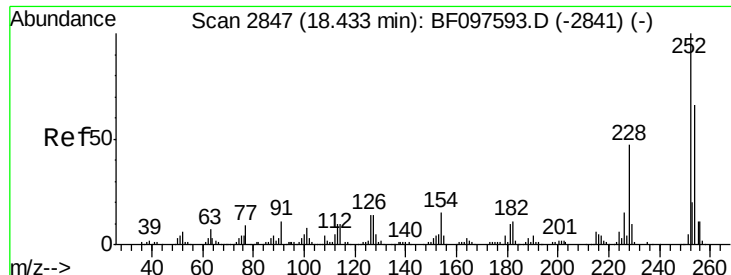


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

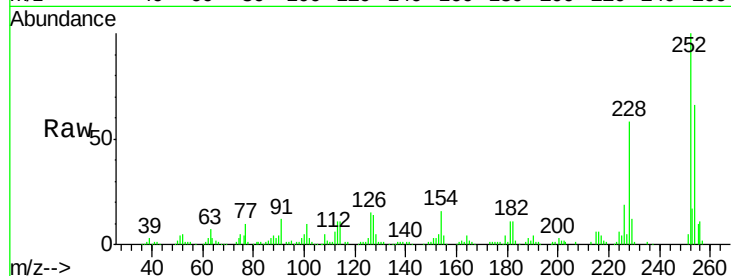




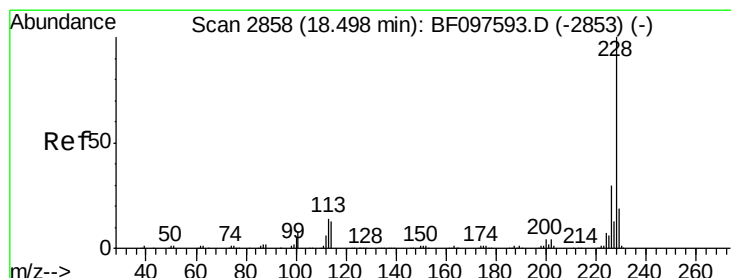
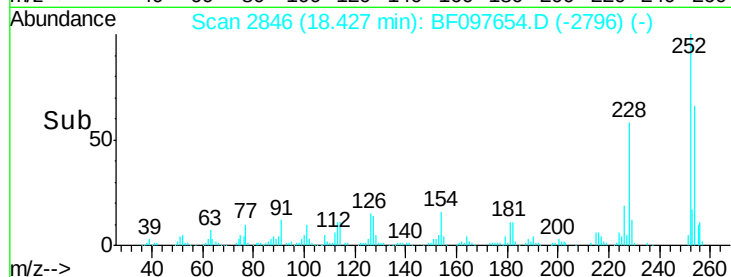
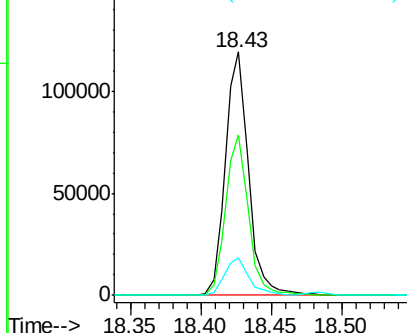
#81
 3,3'-Dichlorobenzidine
 Concen: 42.62 ng
 RT: 18.43 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.5	77.3
126	15.4	15.8	23.8#

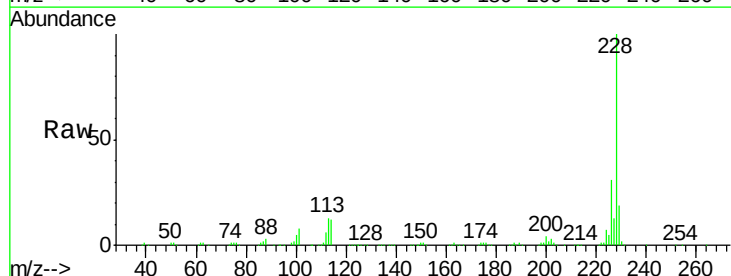


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

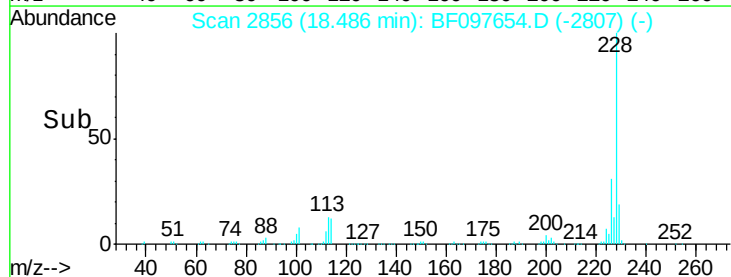
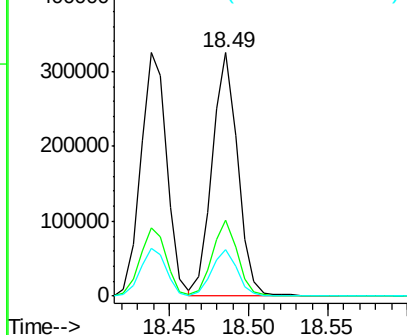


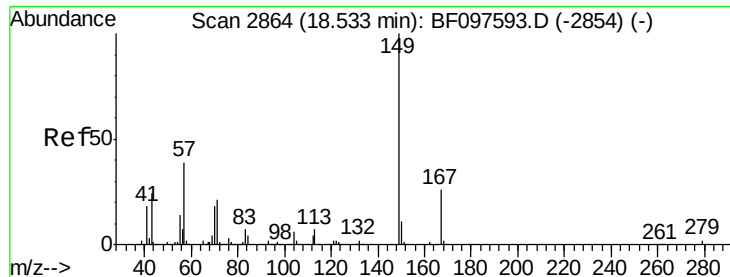
#82
 Chrysene
 Concen: 39.77 ng
 RT: 18.49 min Scan# 2856
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	19.3	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

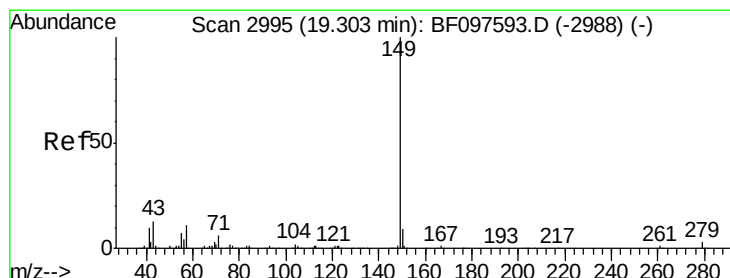
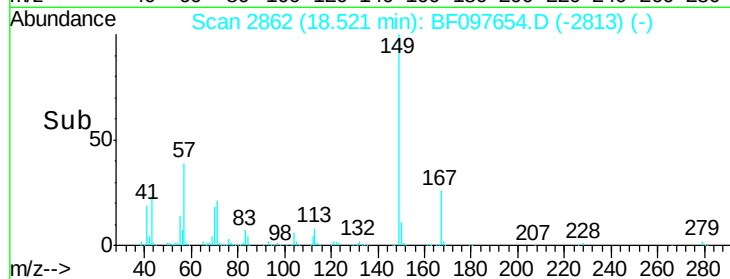
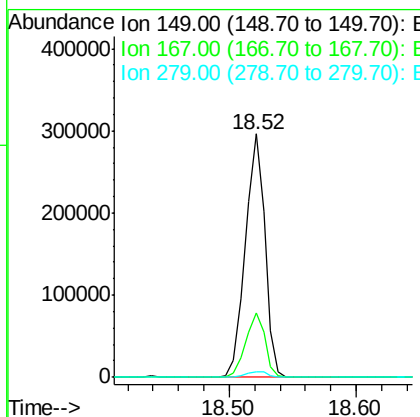
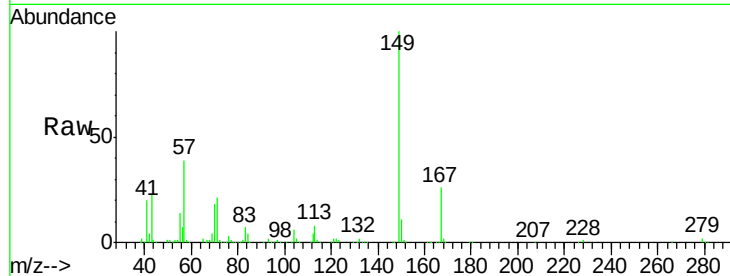




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.99 ng
 RT: 18.52 min Scan# 2862
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

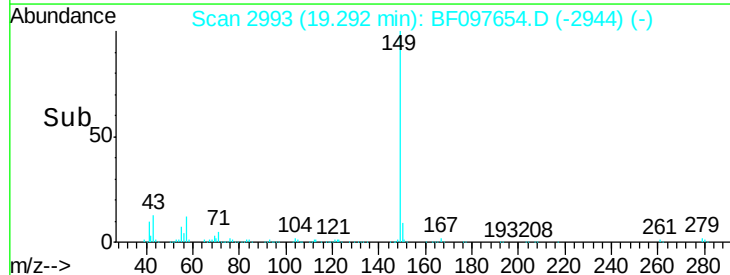
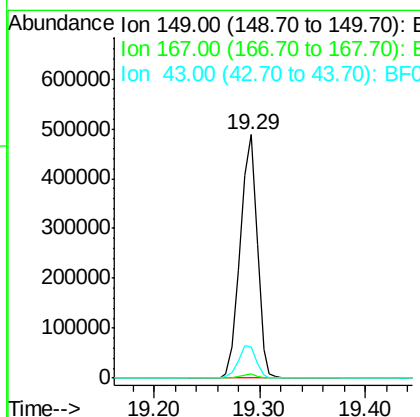
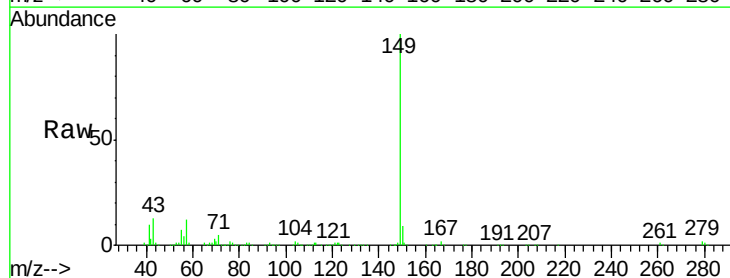
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

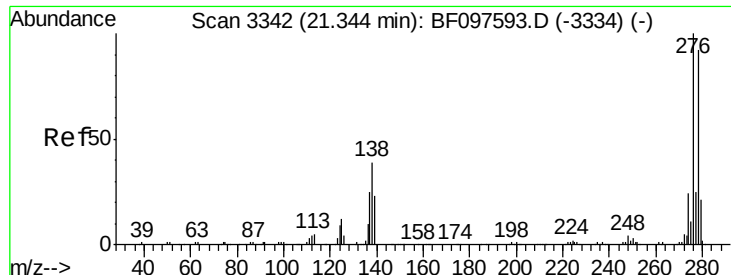
Tot Ion:149	Resp:	317512
Ion Ratio	Lower	Upper
149	100	
167	26.3	21.0 31.4
279	2.4	1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 39.79 ng
 RT: 19.29 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BF097654.D
 Acq: 13 Aug 2017 3:30

Tgt Ion:149	Resp:	538223
Ion Ratio	Lower	Upper
149	100	
167	1.6	1.2 1.8
43	13.9	8.5 12.7#

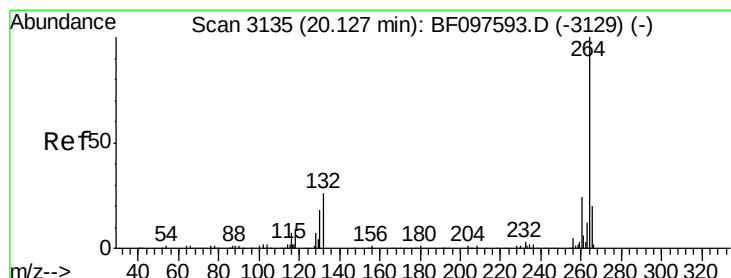
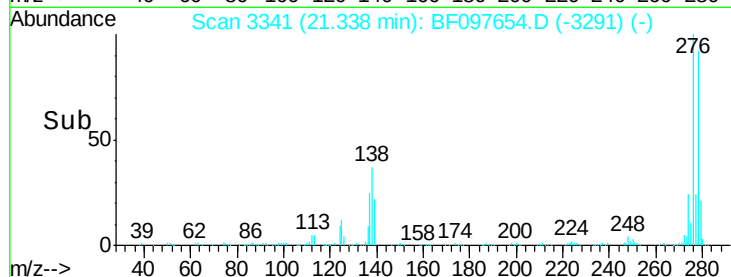
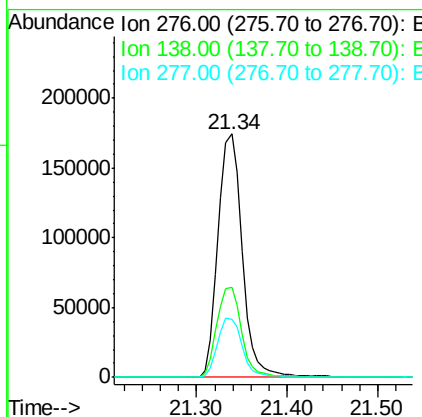
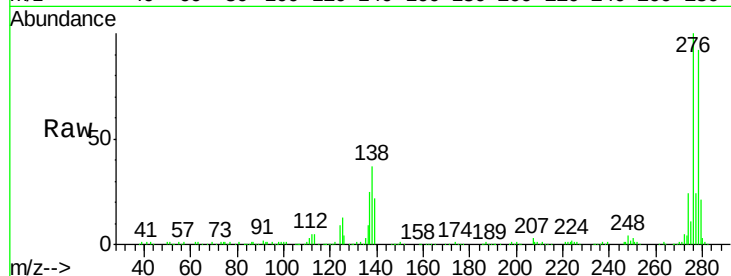




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.70 ng
RT: 21.34 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

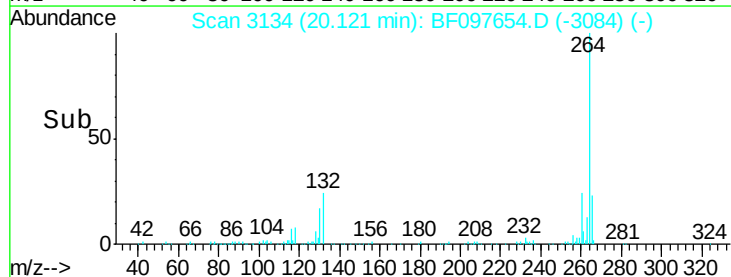
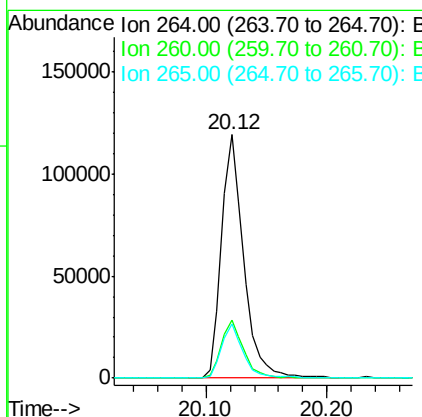
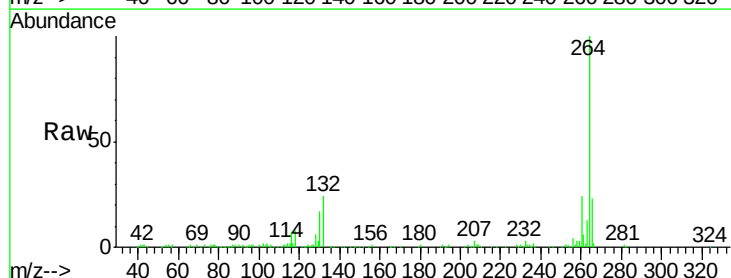
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

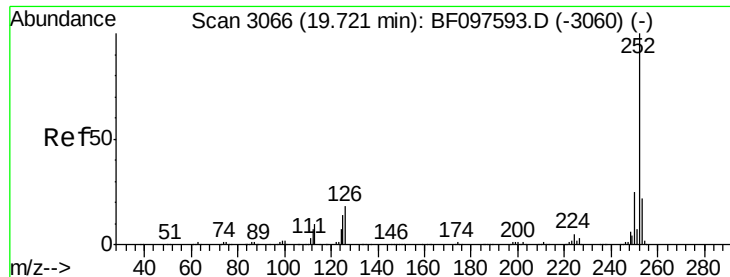
Tot Ion:276 Resp: 325212
Ion Ratio Lower Upper
276 100
138 38.1 27.8 41.6
277 25.0 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.12 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion:264 Resp: 151981
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 22.5 17.2 25.8

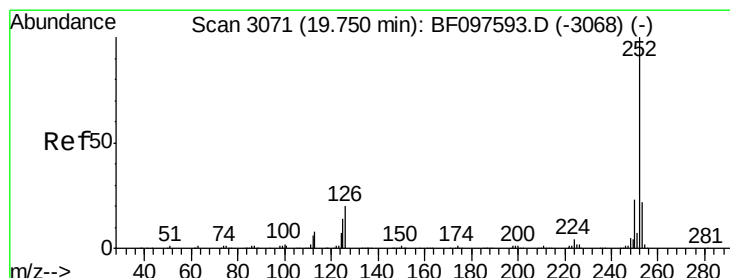
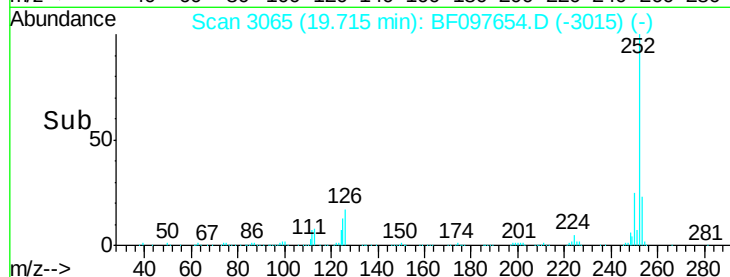
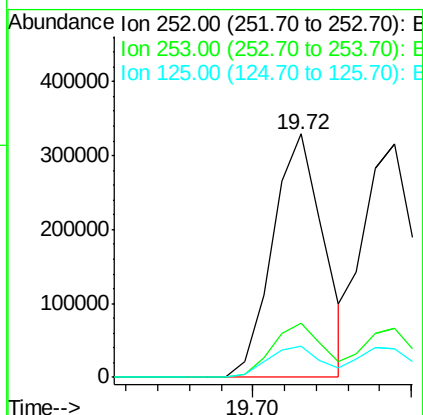
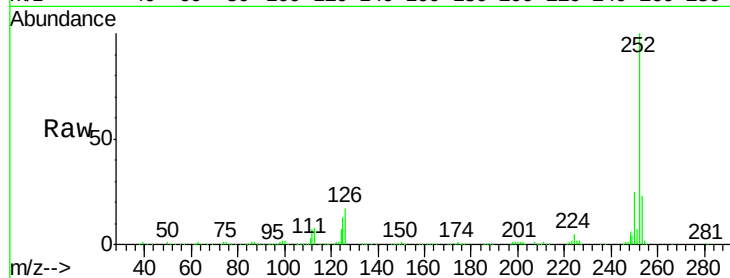




#87
Benzo(b)fluoranthene
Concen: 40.36 ng
RT: 19.72 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

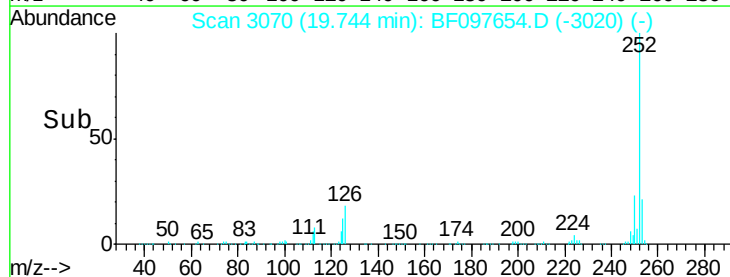
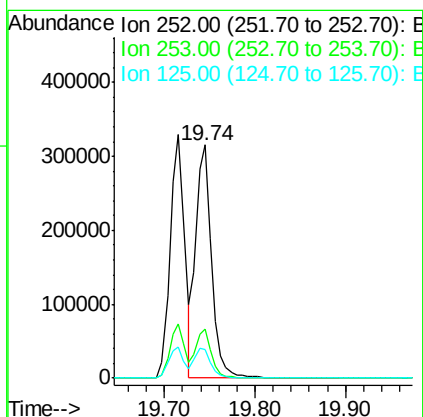
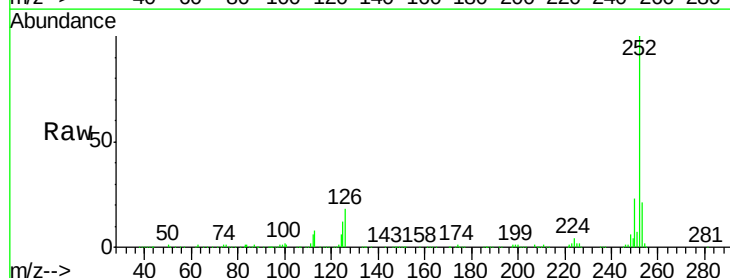
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

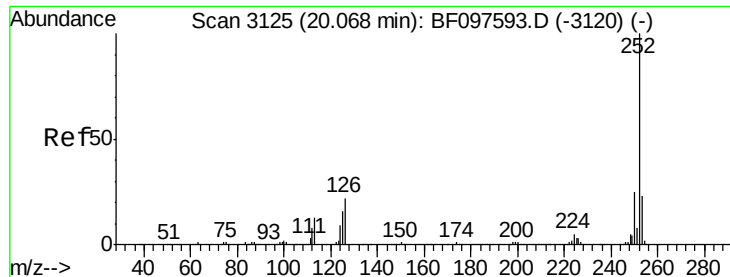
Tot Ion:252 Resp: 368291
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 41.49 ng
RT: 19.74 min Scan# 3070
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion:252 Resp: 381394
Ion Ratio Lower Upper
252 100
253 21.0 18.4 27.6
125 12.2 13.1 19.7#

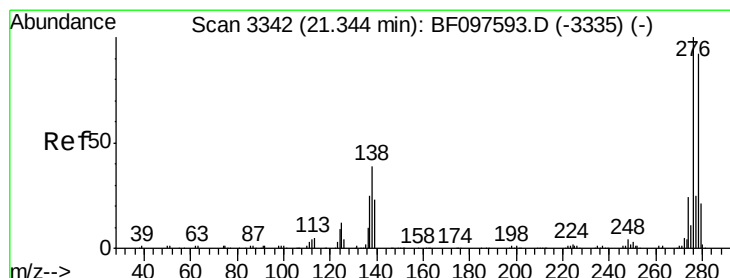
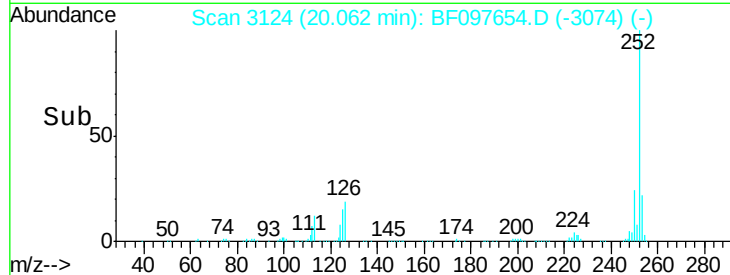
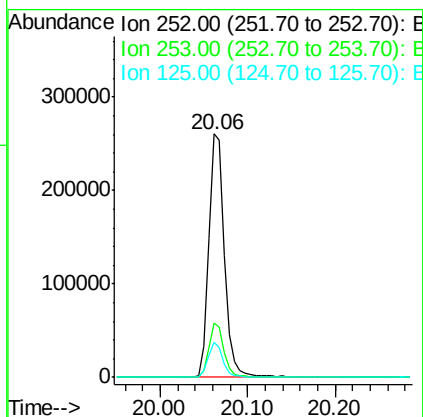
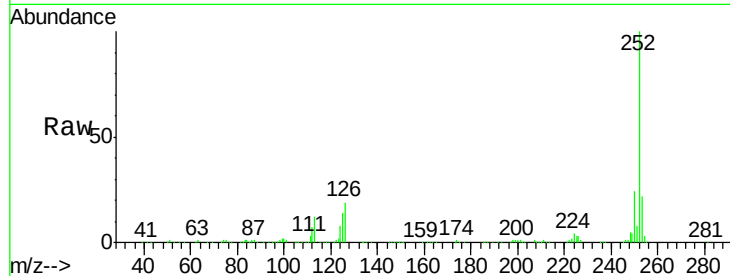




#89
Benzo(a)pyrene
Concen: 38.93 ng
RT: 20.06 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

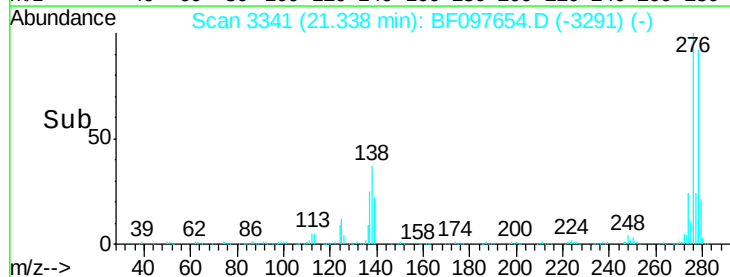
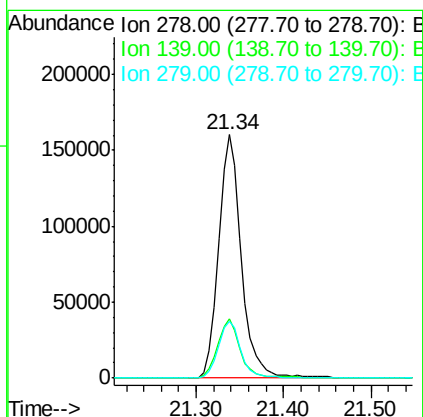
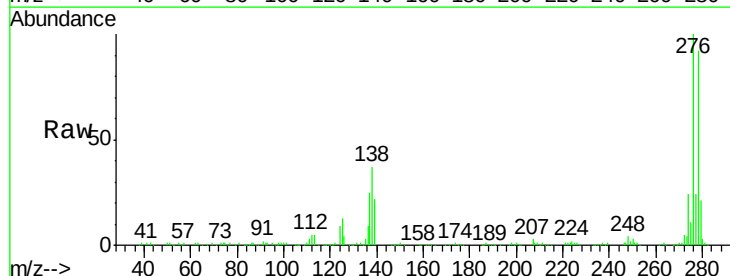
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

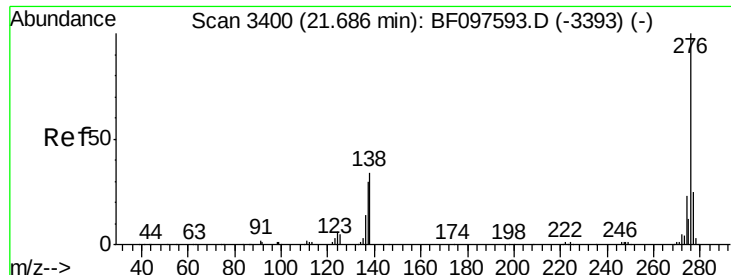
Tot Ion:252 Resp: 326089
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 14.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 47.95 ng
RT: 21.34 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF097654.D
Acq: 13 Aug 2017 3:30

Tgt Ion:278 Resp: 287553
Ion Ratio Lower Upper
278 100
139 24.4 16.6 24.8
279 23.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 43.07 ng

RT: 21.69 min Scan# 3400

Delta R.T. 0.00 min

Lab File: BF097654.D

Acq: 13 Aug 2017 3:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

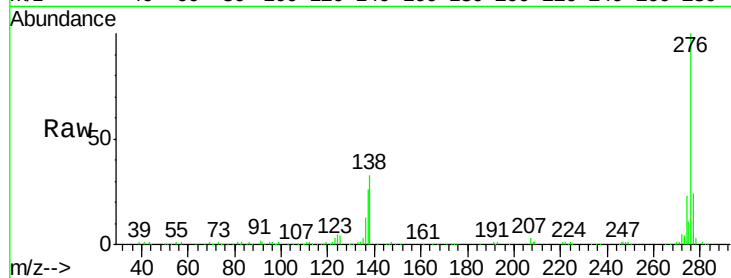
Tot Ion: 276 Resp: 283361

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 32.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

