

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097620.D
 Acq On : 12 Aug 2017 4:58
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 14 03:12:18 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	7.51	152	86197	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	319006	20.00	ng	0.00
38) Acenaphthene-d10	12.37	164	136517	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	222091	20.00	ng	0.00
75) Chrysene-d12	18.46	240	165945	20.00	ng	0.00
86) Perylene-d12	20.13	264	160019	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	453709	83.67	ng	0.02
7) Phenol-d6	7.08	99	525244	78.08	ng	0.02
23) Nitrobenzene-d5	8.43	82	494345	97.17	ng	0.00
41) 2,4,6-Tribromophenol	13.67	330	81542	78.57	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	772085	85.35	ng	0.00
78) Terphenyl-d14	17.12	244	599976	74.83	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.78	88	96353	40.94	ng	# 78
3) Pyridine	2.37	79	275739	40.17	ng	# 61
4) n-Nitrosodimethylamine	2.34	42	156981	39.42	ng	# 78
6) Aniline	7.01	93	376213	38.91	ng	98
8) 2-Chlorophenol	7.20	128	241574	38.86	ng	93
9) Benzaldehyde	6.82	77	185627	41.85	ng	98
10) Phenol	7.10	94	306039	41.55	ng	96
11) bis(2-Chloroethyl)ether	7.15	93	242916	41.12	ng	89
12) 1,3-Dichlorobenzene	7.41	146	266249	38.24	ng	98
13) 1,4-Dichlorobenzene	7.54	146	297088	41.92	ng	95
14) 1,2-Dichlorobenzene	7.77	146	280088	43.31	ng	96
15) Benzyl Alcohol	7.81	79	207998	44.75	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.02	45	571327	43.07	ng	92
17) 2-Methylphenol	8.05	107	204711	42.49	ng	97
18) Hexachloroethane	8.29	117	101679	41.94	ng	# 78
19) n-Nitroso-di-n-propylamine	8.24	70	199249	42.58	ng	# 82
20) 3+4-Methylphenols	8.30	107	260077	44.08	ng	# 60
22) Acetophenone	8.20	105	359623	47.72	ng	# 98
24) Nitrobenzene	8.46	77	276170	49.81	ng	97
25) Isophorone	8.86	82	429229	45.80	ng	96
26) 2-Nitrophenol	8.96	139	136384	48.63	ng	# 84
27) 2,4-Dimethylphenol	9.12	122	210921	45.10	ng	97
28) bis(2-Chloroethoxy)methane	9.23	93	316292	46.71	ng	98
29) 2,4-Dichlorophenol	9.39	162	176709	42.86	ng	96
30) 1,2,4-Trichlorobenzene	9.47	180	189371	46.32	ng	97
31) Naphthalene	9.57	128	698192	43.70	ng	99
32) Benzoic acid	9.43	122	71799	28.49	ng	96
33) 4-Chloroaniline	9.72	127	326077	49.26	ng	97
34) Hexachlorobutadiene	9.79	225	109022	48.82	ng	98
35) Caprolactam	10.36	113	65553	49.34	ng	# 53
36) 4-Chloro-3-methylphenol	10.59	107	220690	47.64	ng	# 85
37) 2-Methylnaphthalene	10.70	142	478845	47.63	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	175657	45.44	ng	99
40) Hexachlorocyclopentadiene	10.96	237	2148	14.16	ng	90

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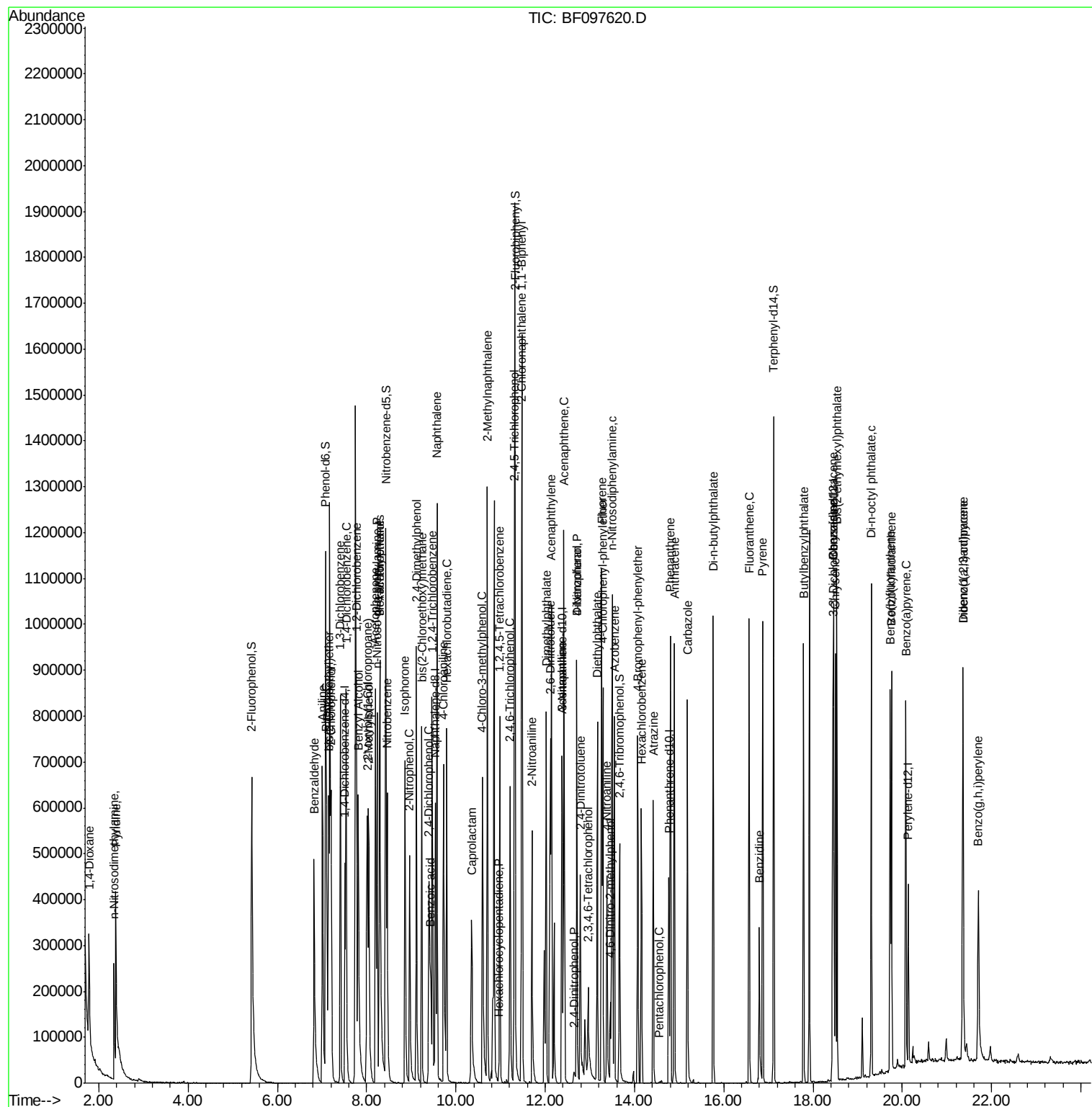
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	117509	46.14	nq	99
43) 2,4,5-Trichlorophenol	11.30	196	106219	44.16	nq	97
45) 1,1'-Biphenyl	11.47	154	515797	44.04	nq	98
46) 2-Chloronaphthalene	11.49	162	388141	43.16	nq	# 92
47) 2-Nitroaniline	11.70	65	146231	41.51	nq	94
48) Acenaphthylene	12.14	152	587411	41.09	nq	98
49) Dimethylphthalate	12.02	163	438489	41.68	nq	98
50) 2,6-Dinitrotoluene	12.12	165	92339	42.50	nq	# 71
51) Acenaphthene	12.42	154	343682	40.11	nq	99
52) 3-Nitroaniline	12.38	138	117674	41.37	nq	98
53) 2,4-Dinitrophenol	12.64	184	6458	7.21	nq	# 76
54) Dibenzofuran	12.71	168	488659	40.74	nq	98
55) 4-Nitrophenol	12.71	139	190174	175.54	nq	# 27
56) 2,4-Dinitrotoluene	12.79	165	122213	42.14	nq	# 79
57) Fluorene	13.26	166	409441	41.51	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.96	232	56618	34.27	nq	# 93
59) Diethylphthalate	13.17	149	427882	43.06	nq	99
60) 4-Chlorophenyl-phenylether	13.29	204	178083	42.29	nq	94
61) 4-Nitroaniline	13.38	138	104502	38.51	nq	93
62) Azobenzene	13.55	77	391646	39.62	nq	91
64) 4,6-Dinitro-2-methylphenol	13.46	198	37114	27.40	nq	92
65) n-Nitrosodiphenylamine	13.50	169	347926	42.39	nq	98
66) 4-Bromophenyl-phenylether	14.07	248	101412	44.01	nq	95
67) Hexachlorobenzene	14.16	284	106037	42.25	nq	# 87
68) Atrazine	14.43	200	90294	43.85	nq	93
69) Pentachlorophenol	14.55	266	784	9.60	nq	91
70) Phenanthrene	14.80	178	516171	40.35	nq	99
71) Anthracene	14.89	178	529556	40.46	nq	98
72) Carbazole	15.19	167	494480	39.69	nq	98
73) Di-n-butylphthalate	15.76	149	648449	44.46	nq	99
74) Fluoranthene	16.57	202	489789	42.37	nq	100
76) Benzidine	16.79	184	188215	34.42	nq	95
77) Pyrene	16.87	202	502817	36.64	nq	99
79) Butylbenzylphthalate	17.79	149	247716	43.18	nq	# 77
80) Benzo(a)anthracene	18.45	228	391336	40.38	nq	99
81) 3,3'-Dichlorobenzidine	18.44	252	144674	43.28	nq	# 96
82) Chrysene	18.50	228	388853	40.34	nq	99
83) Bis(2-ethylhexyl)phthalate	18.54	149	356444	43.68	nq	100
84) Di-n-octyl phthalate	19.30	149	585461	41.09	nq	# 91
85) Indeno(1,2,3-cd)pyrene	21.36	276	344757	45.98	nq	98
87) Benzo(b)fluoranthene	19.73	252	364729	37.96	nq	99
88) Benzo(k)fluoranthene	19.76	252	385168	39.80	nq	95
89) Benzo(a)pyrene	20.08	252	360844	40.91	nq	100
90) Dibenzo(a,h)anthracene	21.36	278	300469	47.58	nq	98
91) Benzo(g,h,i)perylene	21.70	276	298219	43.05	nq	99

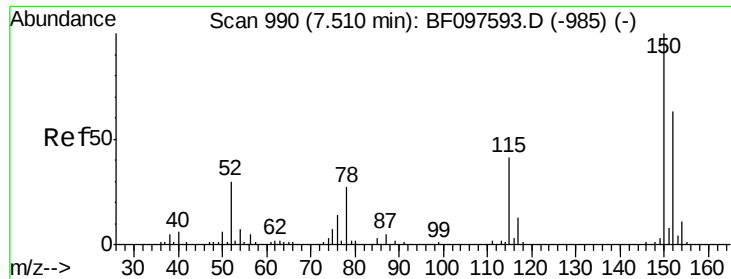
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

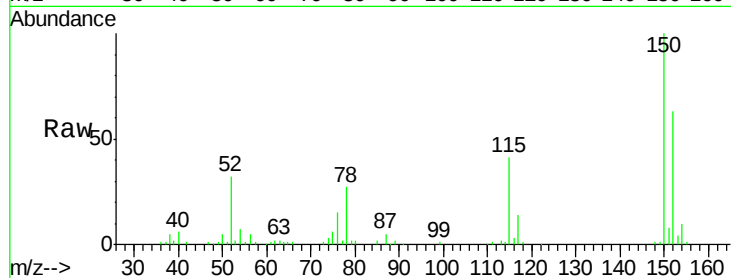
Tot Ion:152 Resp: 86197

Ion Ratio Lower Upper

152 100

150 159.5 126.2 189.2

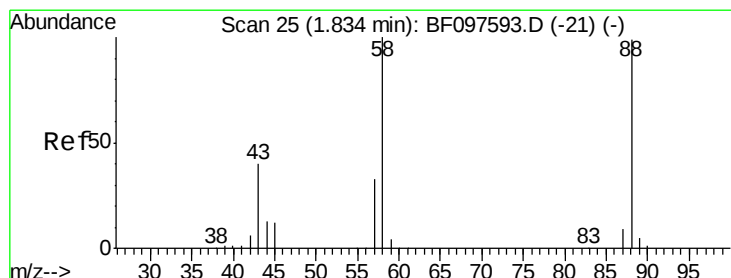
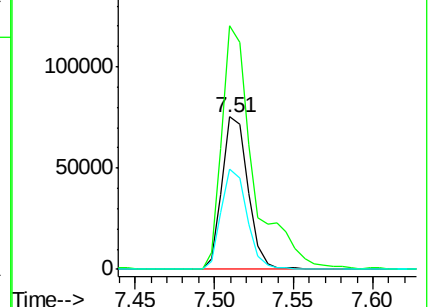
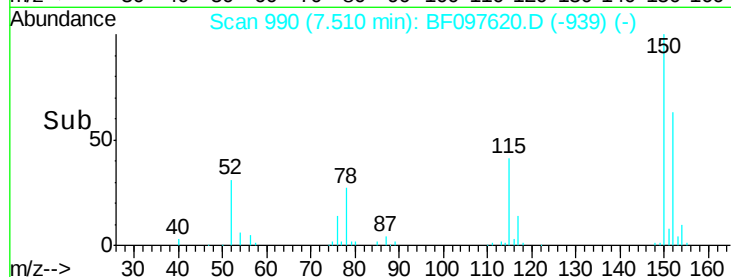
115 66.0 52.2 78.2



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: 40.94 ng

RT: 1.78 min Scan# 16

Delta R.T. -0.05 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

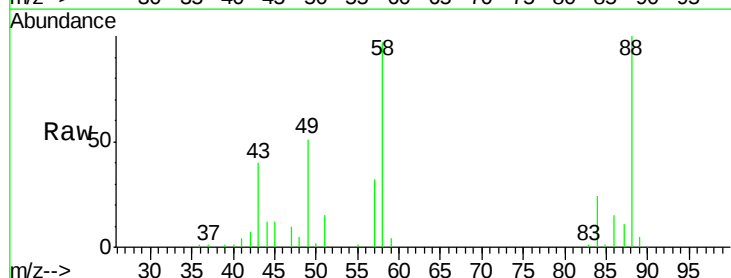
Tgt Ion: 88 Resp: 96353

Ion Ratio Lower Upper

88 100

58 96.9 61.4 92.0#

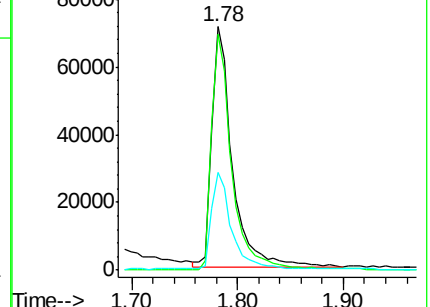
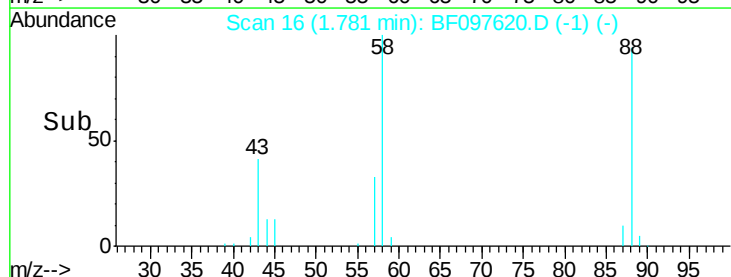
43 39.1 23.4 35.0#

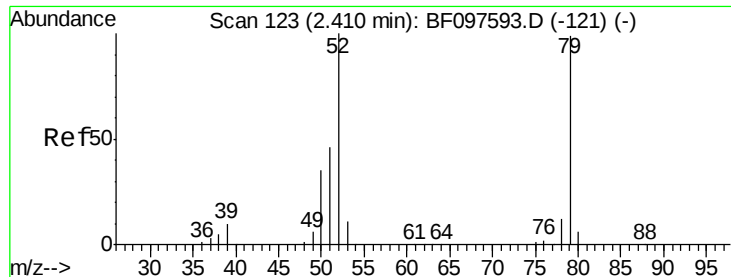


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.17 ng

RT: 2.37 min Scan# 117

Delta R.T. -0.04 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

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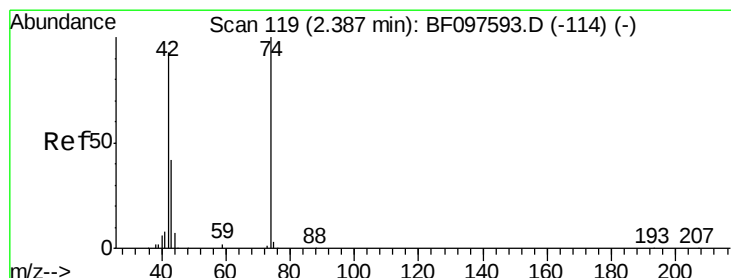
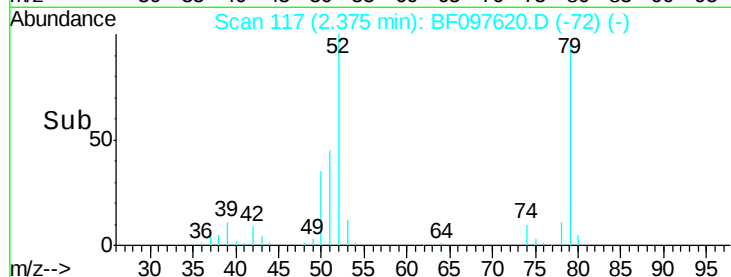
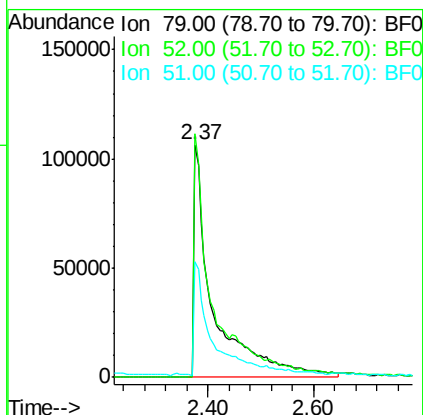
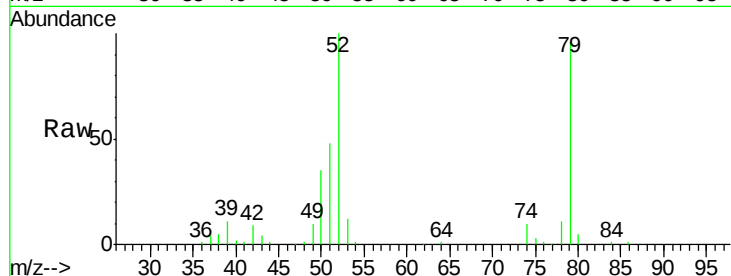
Tot Ion: 79 Resp: 275739

Ion Ratio Lower Upper

79 100

52 104.7 54.8 82.2#

51 49.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 39.42 ng

RT: 2.34 min Scan# 111

Delta R.T. -0.05 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

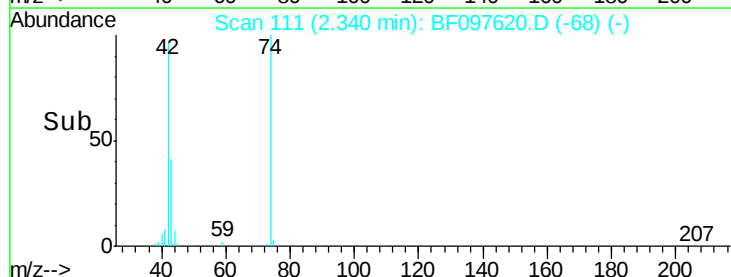
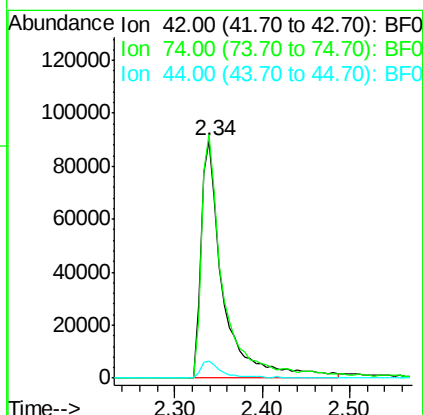
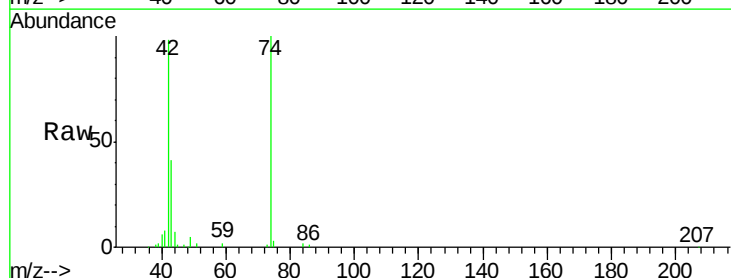
Tgt Ion: 42 Resp: 156981

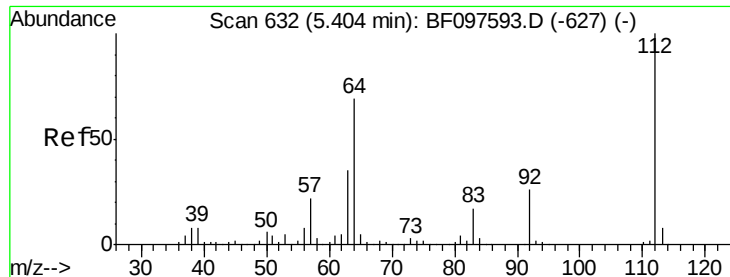
Ion Ratio Lower Upper

42 100

74 102.6 103.9 155.9#

44 7.3 5.7 8.5

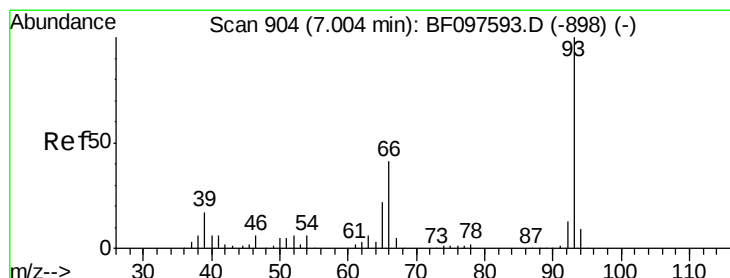
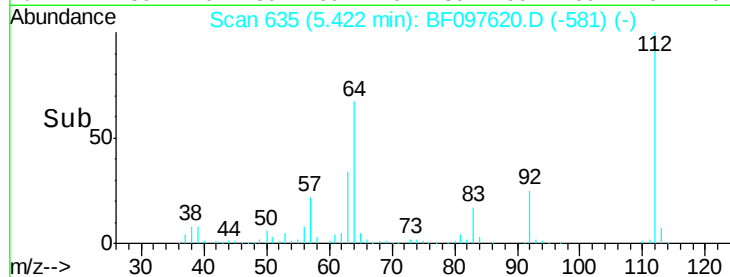
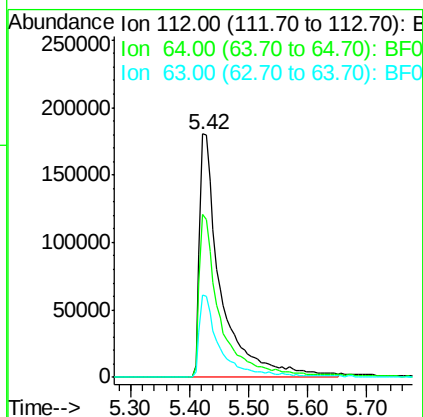
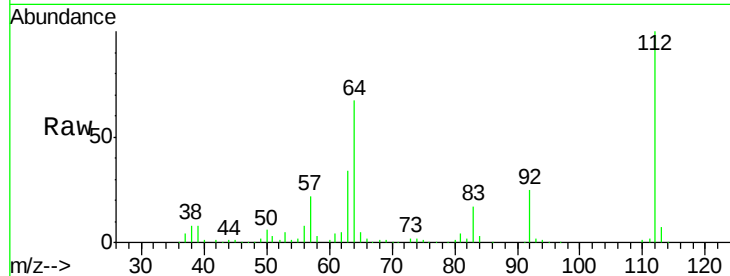




#5
 2-Fluorophenol
 Concen: 83.67 ng
 RT: 5.42 min Scan# 635
 Delta R.T. 0.02 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

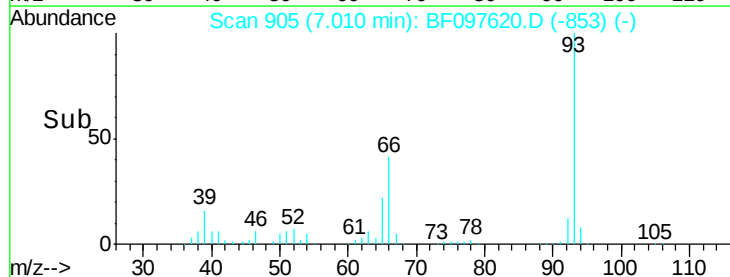
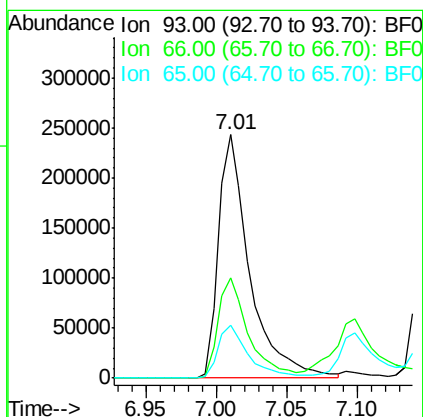
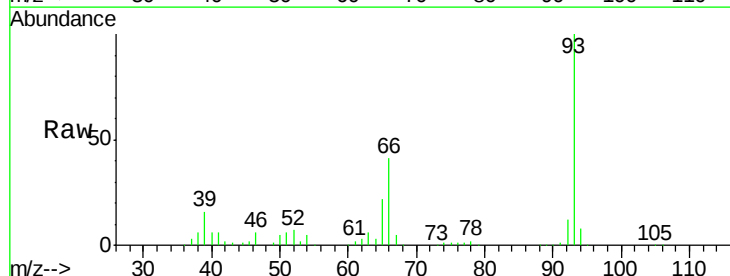
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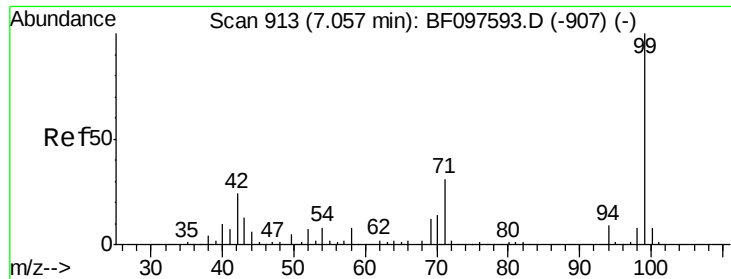
Tot Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	33.9	23.4	35.0



#6
 Aniline
 Concen: 38.91 ng
 RT: 7.01 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.4	32.9	49.3
65	21.8	16.0	24.0





#7

Phenol-d6

Concen: 78.08 ng

RT: 7.08 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

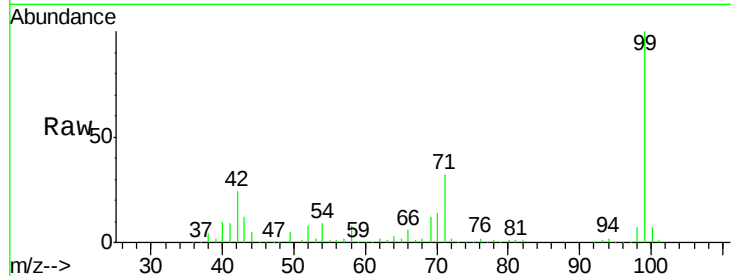
Tot Ion: 99 Resp: 525244

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

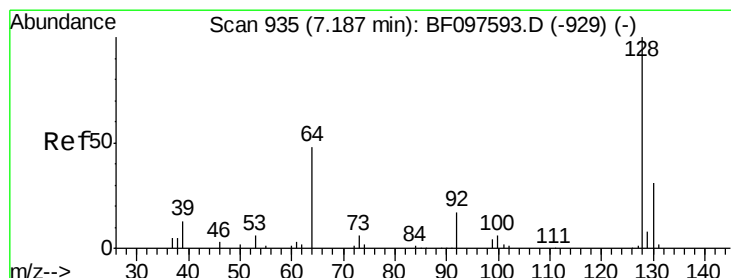
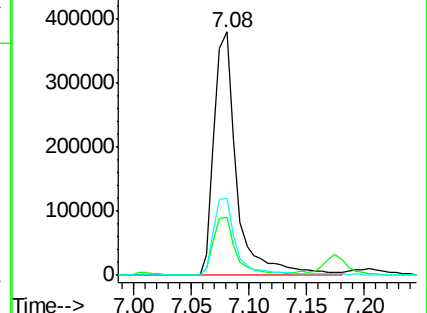
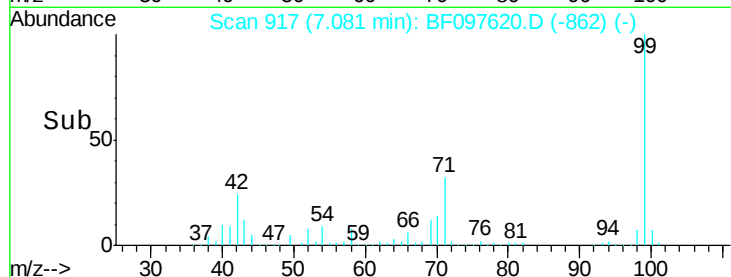
71 31.6 24.5 36.7



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: 38.86 ng

RT: 7.20 min Scan# 938

Delta R.T. 0.02 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

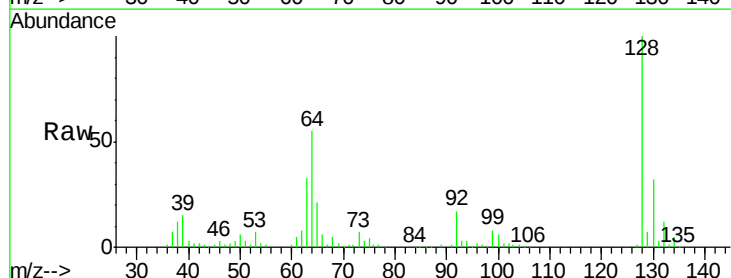
Tgt Ion: 128 Resp: 241574

Ion Ratio Lower Upper

128 100

130 31.8 12.9 52.9

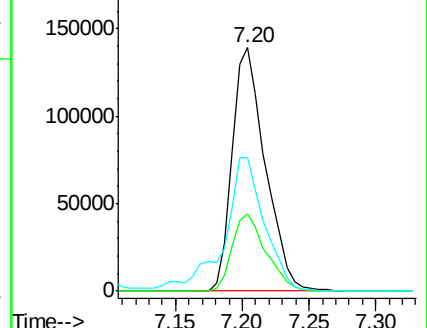
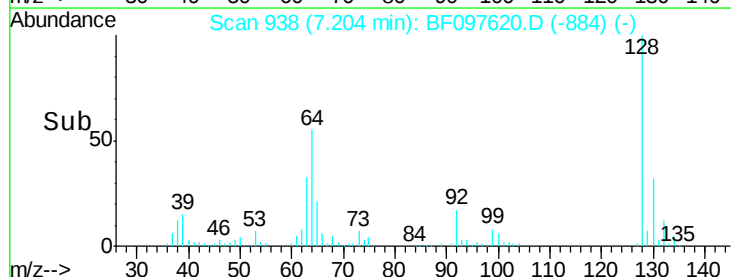
64 55.1 28.4 68.4

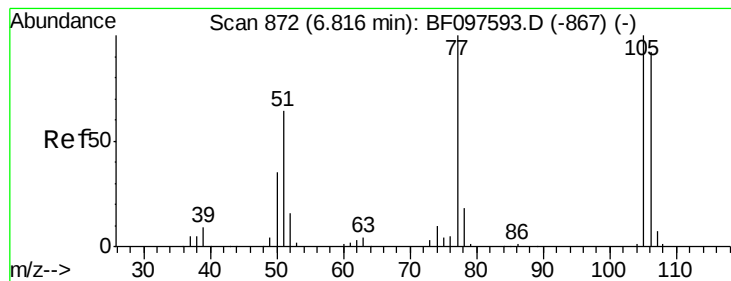


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.85 ng

RT: 6.82 min Scan# 873

Delta R.T. 0.01 min

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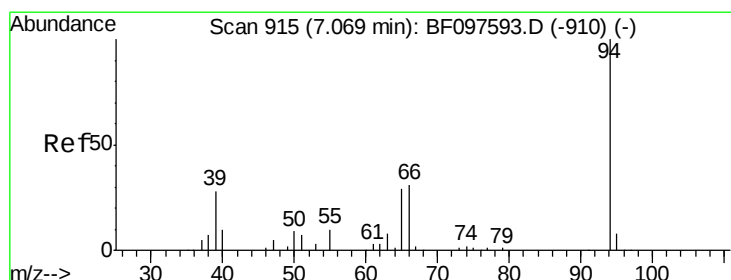
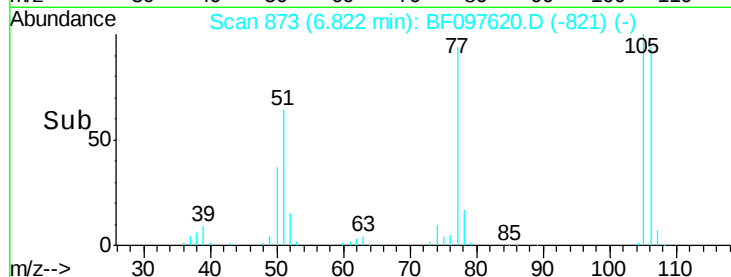
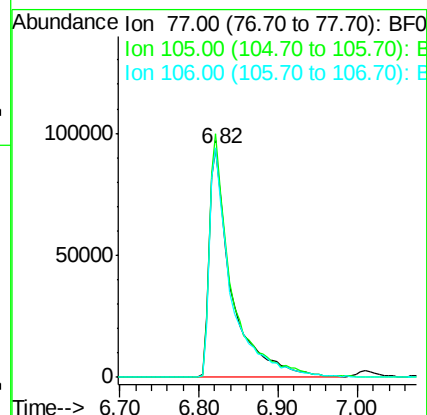
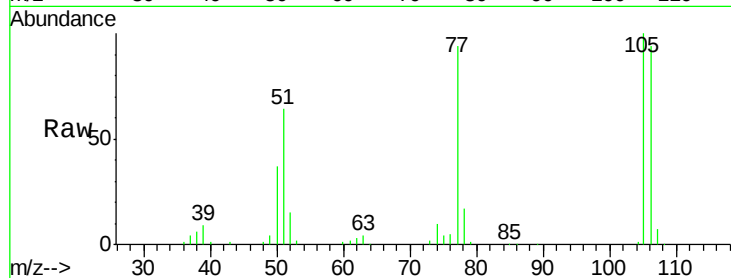
Tot Ion: 77 Resp: 185627

Ion Ratio Lower Upper

77 100

105 106.5 83.8 123.8

106 100.6 79.1 119.1



#10

Phenol

Concen: 41.55 ng

RT: 7.10 min Scan# 920

Delta R.T. 0.03 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

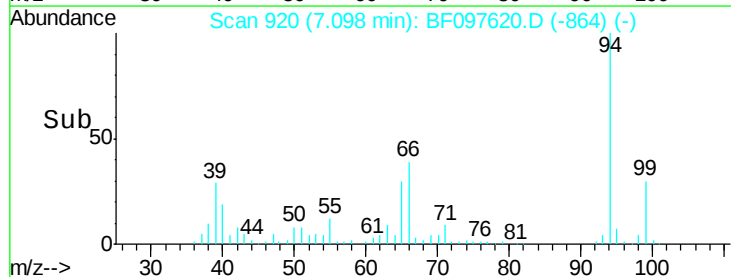
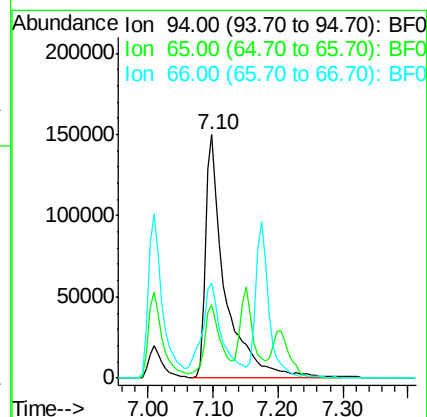
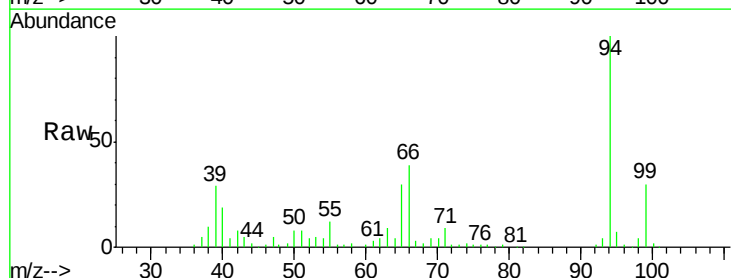
Tgt Ion: 94 Resp: 306039

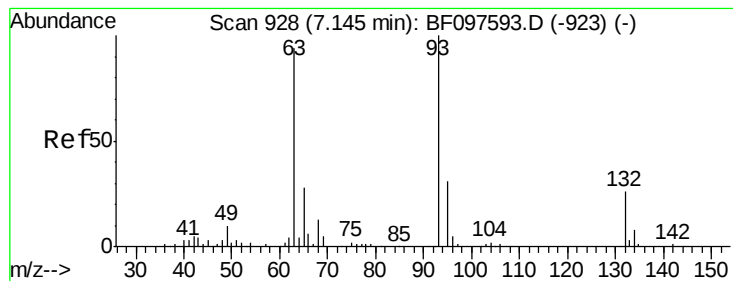
Ion Ratio Lower Upper

94 100

65 30.3 9.9 49.9

66 39.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.12 ng

RT: 7.15 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

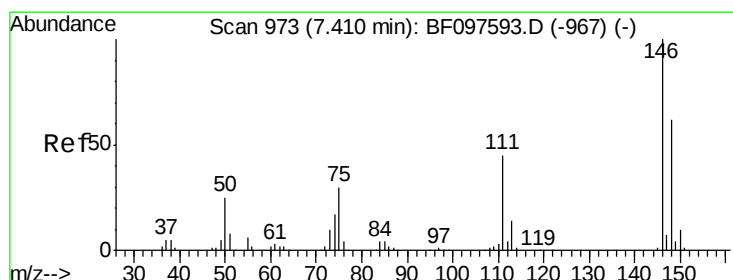
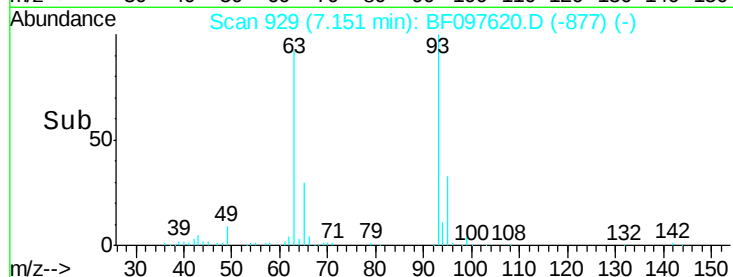
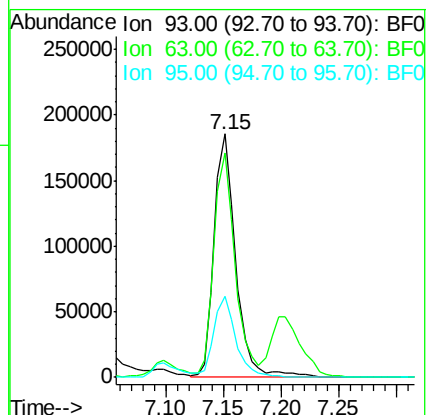
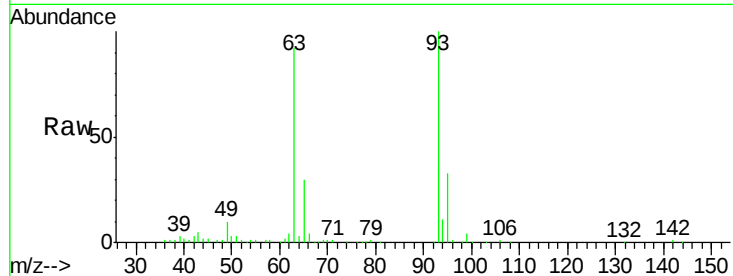
Tot Ion: 93 Resp: 242916

Ion Ratio Lower Upper

93 100

63 92.4 59.2 99.2

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.24 ng

RT: 7.41 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

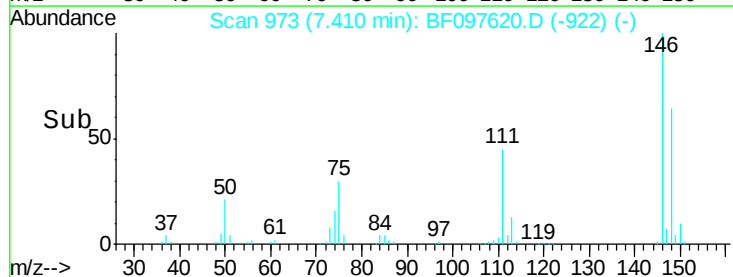
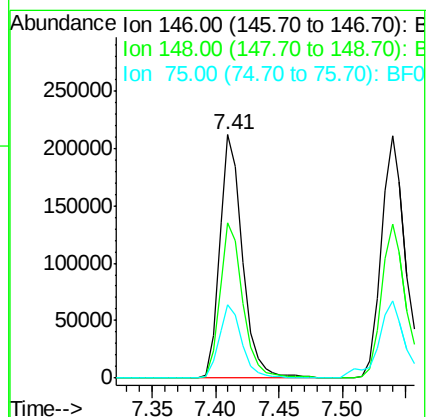
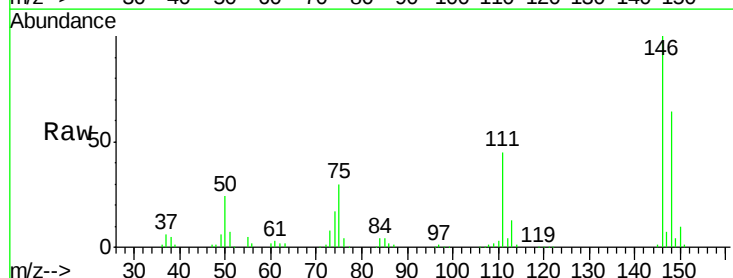
Tgt Ion: 146 Resp: 266249

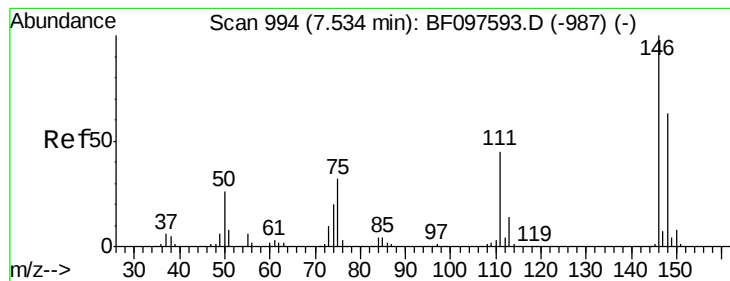
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

75 30.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.92 ng

RT: 7.54 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

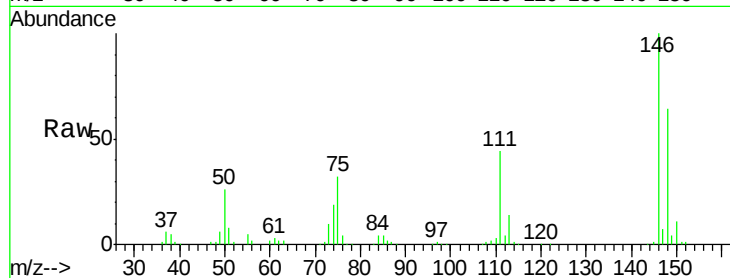
Tot Ion:146 Resp: 297088

Ion Ratio Lower Upper

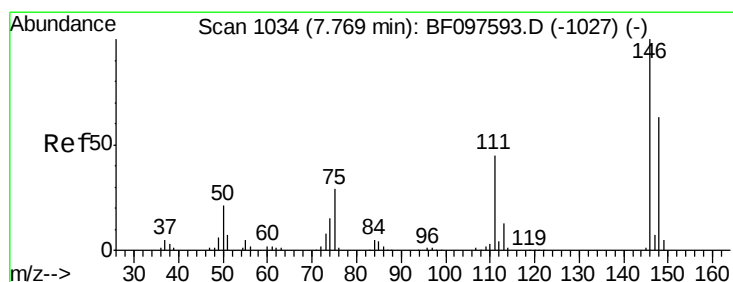
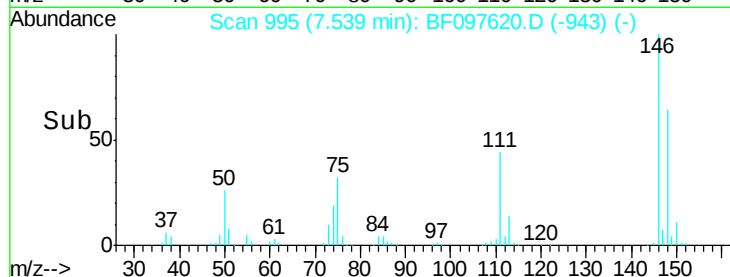
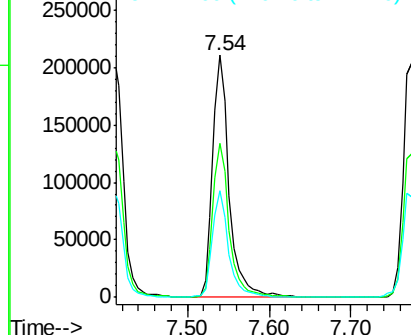
146 100

148 63.6 52.2 78.2

111 44.1 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: 43.31 ng

RT: 7.77 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

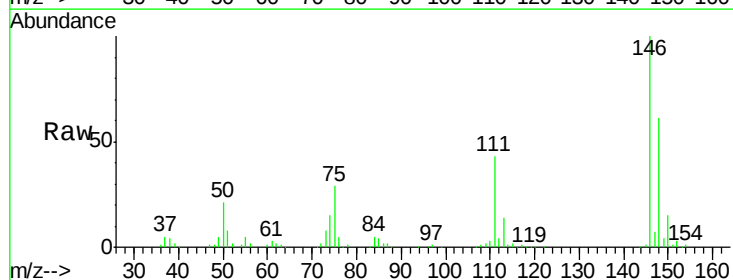
Tgt Ion:146 Resp: 280088

Ion Ratio Lower Upper

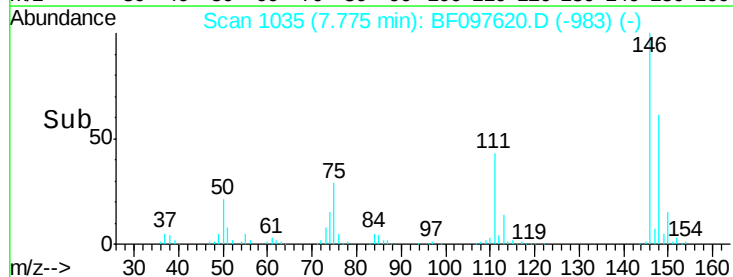
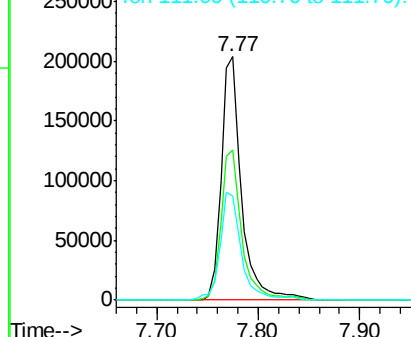
146 100

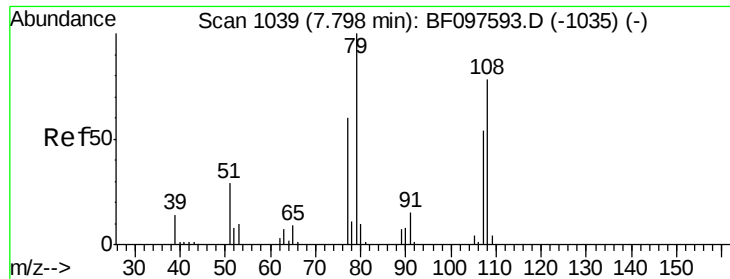
148 61.5 50.4 75.6

111 42.8 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

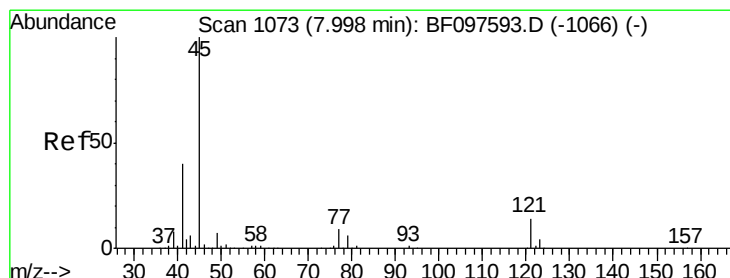
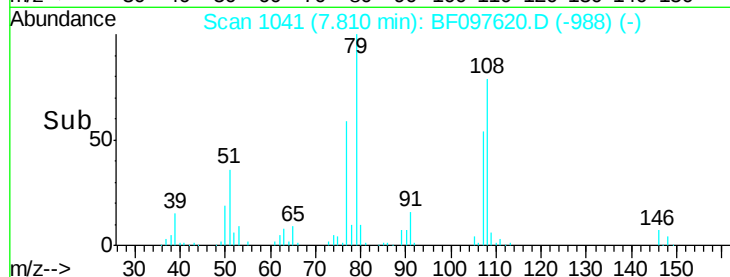
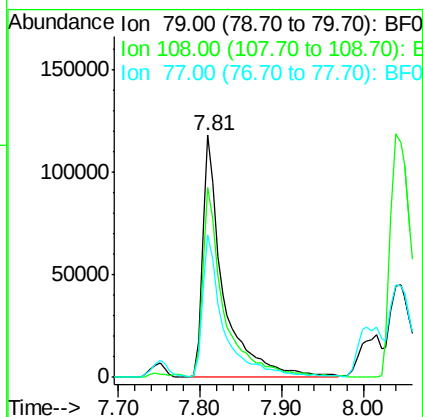
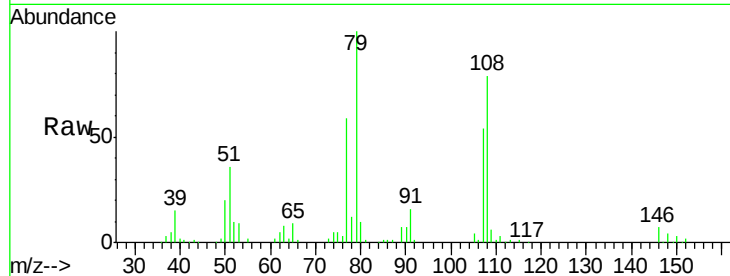




#15
Benzyl Alcohol
Concen: 44.75 ng
RT: 7.81 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

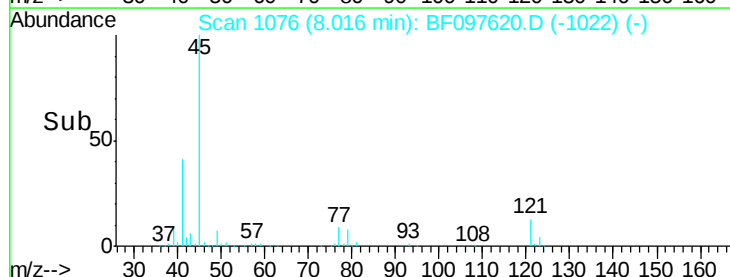
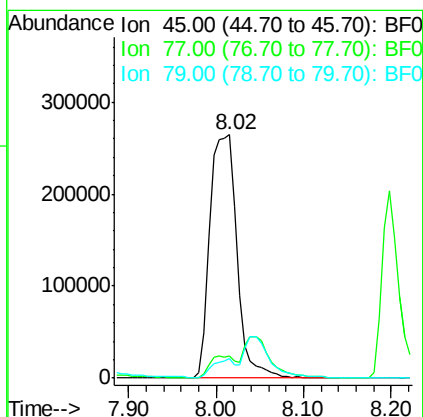
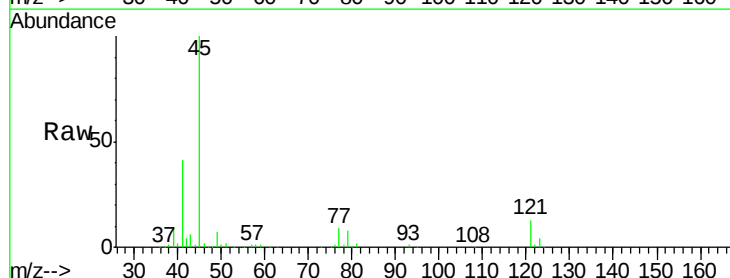
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

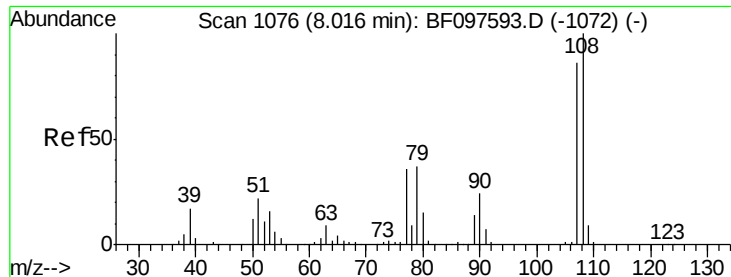
Tot Ion: 79 Resp: 207998
Ion Ratio Lower Upper
79 100
108 78.6 63.4 95.0
77 59.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.07 ng
RT: 8.02 min Scan# 1076
Delta R.T. 0.02 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion: 45 Resp: 571327
Ion Ratio Lower Upper
45 100
77 9.3 0.0 33.2
79 7.9 0.0 30.0

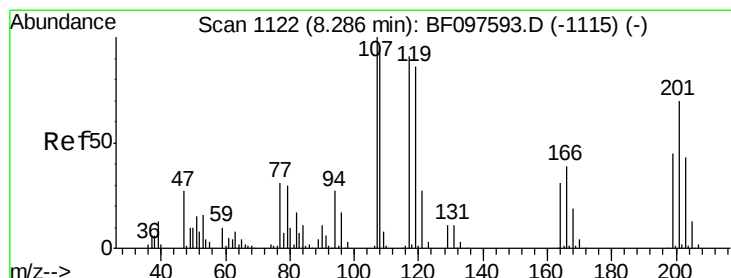
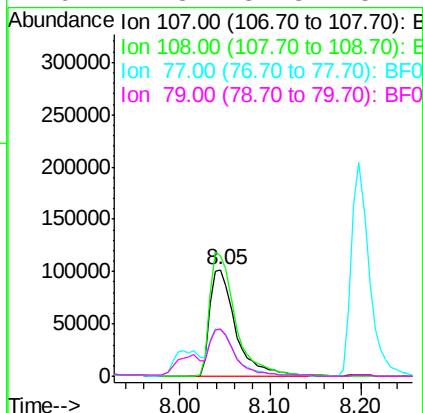
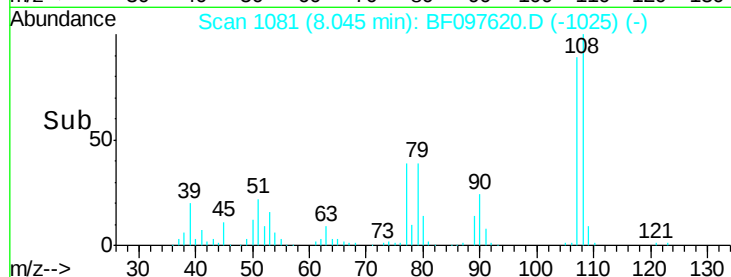
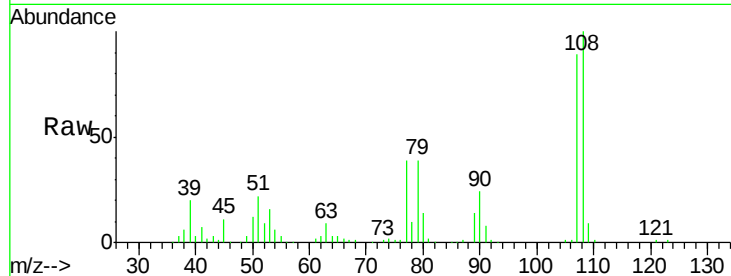




#17
2-Methylphenol
Concen: 42.49 ng
RT: 8.05 min Scan# 1081
Delta R.T. 0.03 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

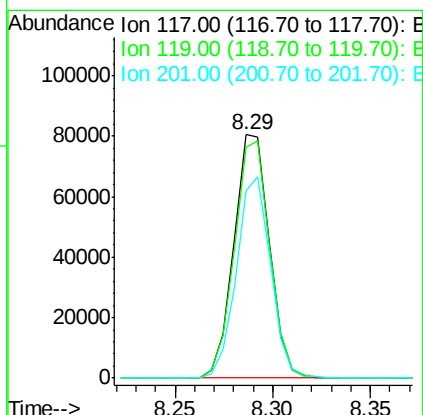
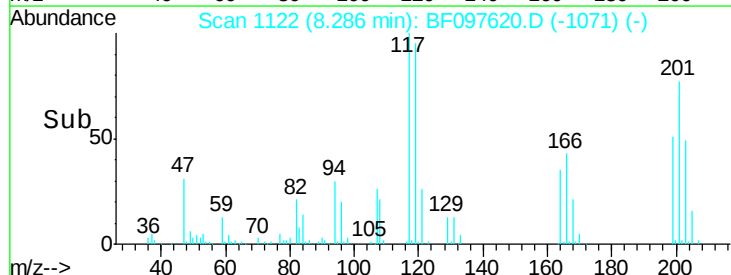
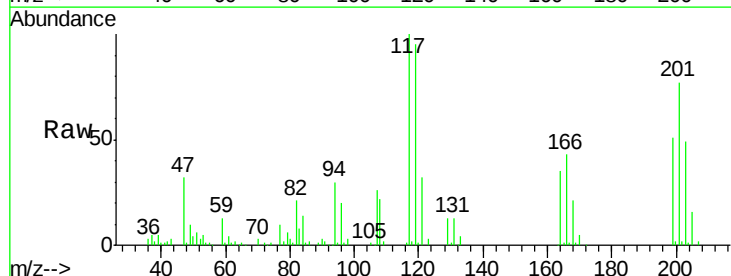
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

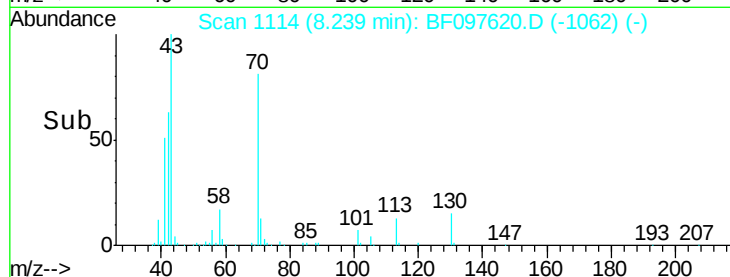
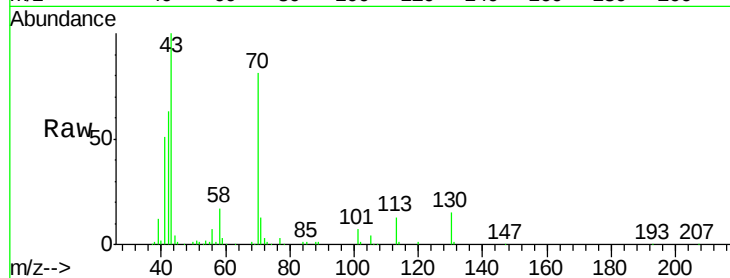
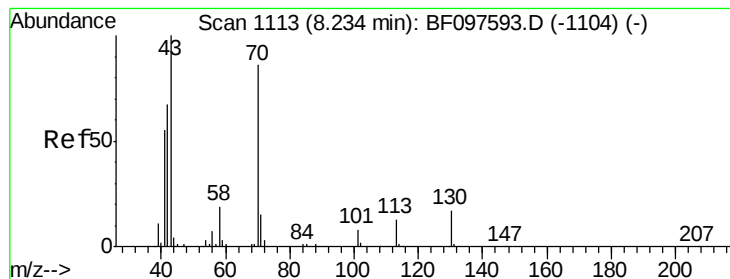
Tot Ion:	107	Resp:	204711
Ion	Ratio	Lower	Upper
107	100		
108	112.4	93.4	140.0
77	43.7	35.8	53.6
79	44.3	34.8	52.2



#18
Hexachloroethane
Concen: 41.94 ng
RT: 8.29 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:	117	Resp:	101679
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.0
201	76.7	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 42.58 ng

RT: 8.24 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 199249

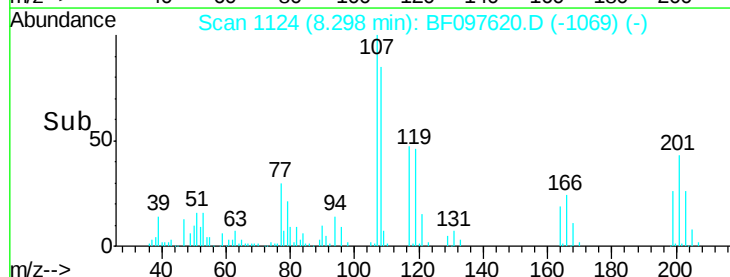
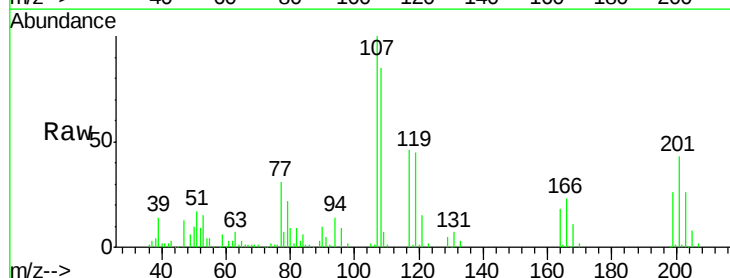
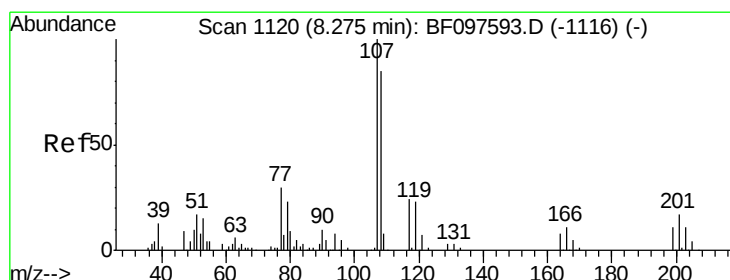
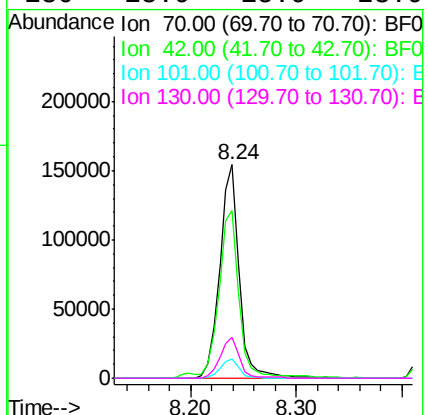
Ion Ratio Lower Upper

70 100

42 78.4 47.2 70.8#

101 8.9 7.2 10.8

130 18.9 15.9 23.9



#20

3+4-Methylphenols

Concen: 44.08 ng

RT: 8.30 min Scan# 1124

Delta R.T. 0.02 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Tgt Ion: 107 Resp: 260077

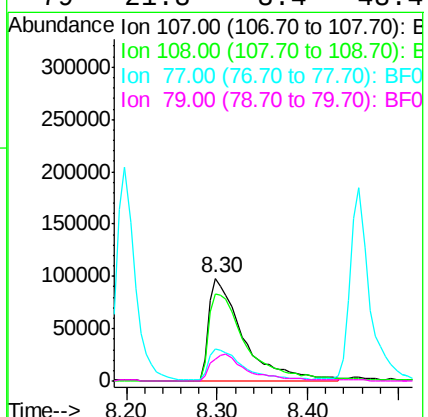
Ion Ratio Lower Upper

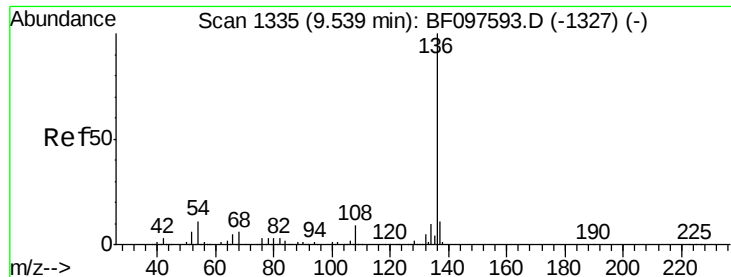
107 100

108 84.9 71.0 111.0

77 30.7 90.5 130.5#

79 21.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.54 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 319006

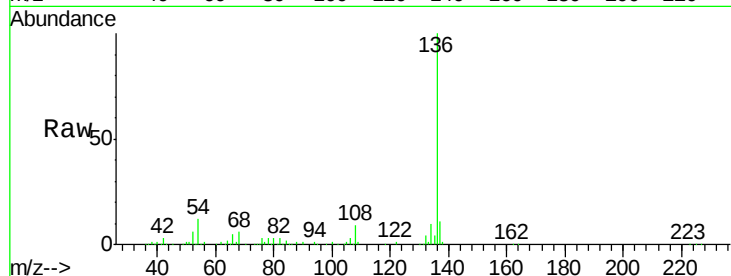
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 11.7 4.9 7.3#

68 5.5 4.1 6.1

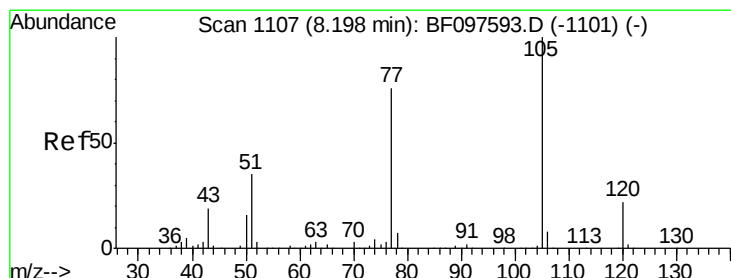
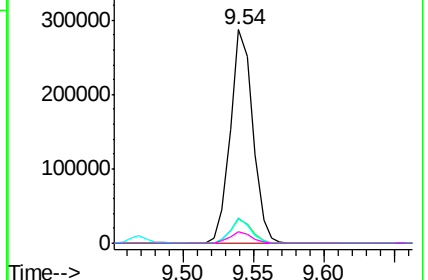
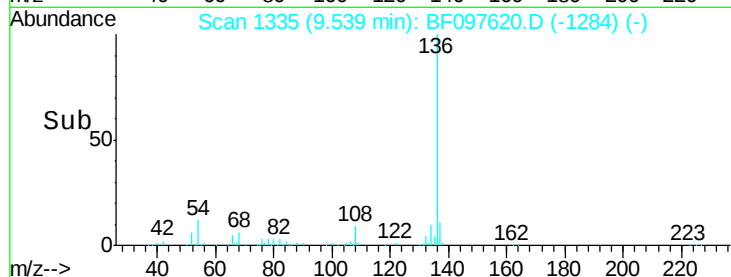


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.72 ng

RT: 8.20 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Tgt Ion:105 Resp: 359623

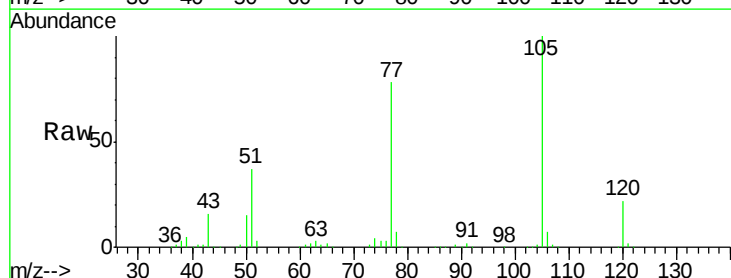
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 37.0 30.7 46.1

120 21.5 17.4 26.0

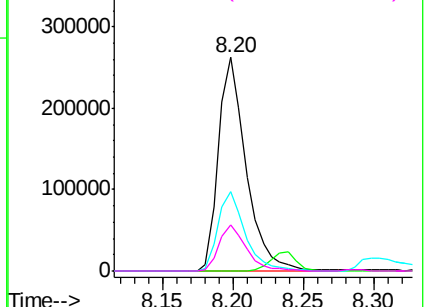
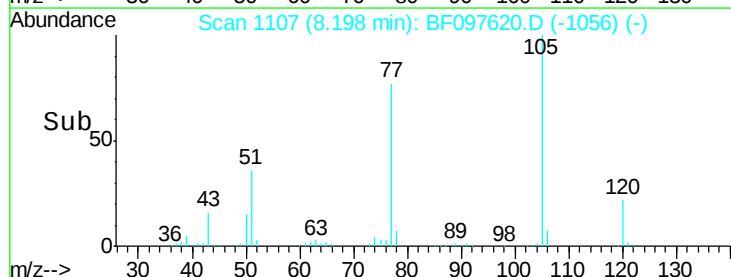


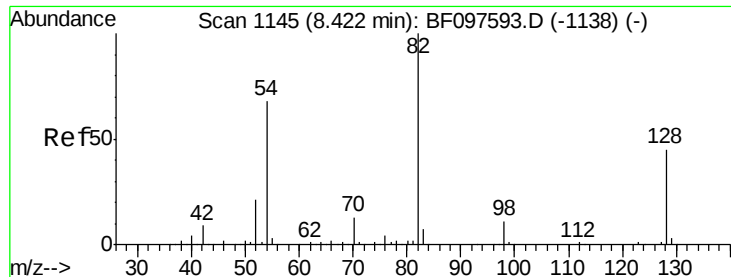
Abundance Ion 105.00 (104.70 to 105.70): E

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

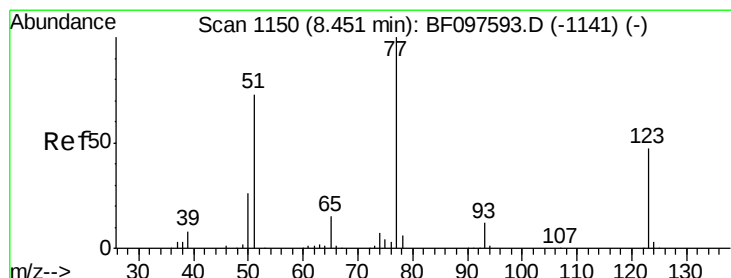
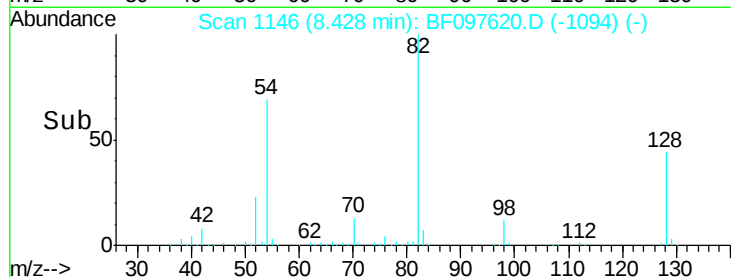
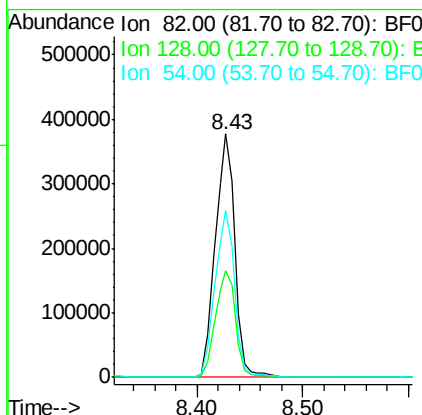
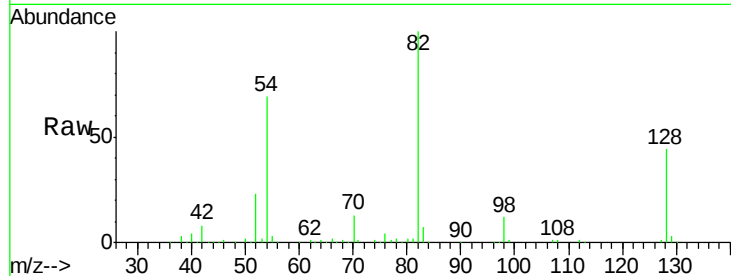




#23
Nitrobenzene-d5
Concen: 97.17 ng
RT: 8.43 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

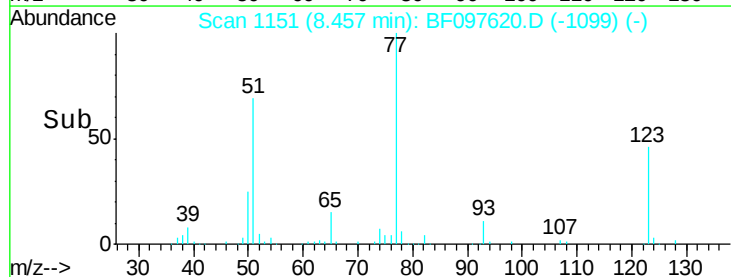
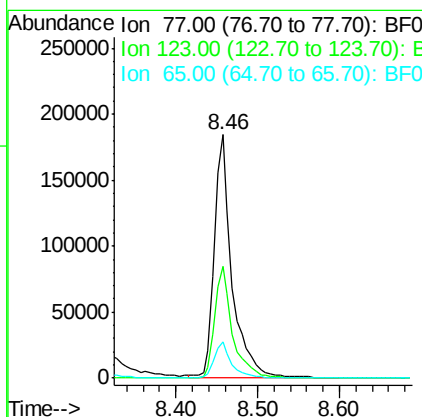
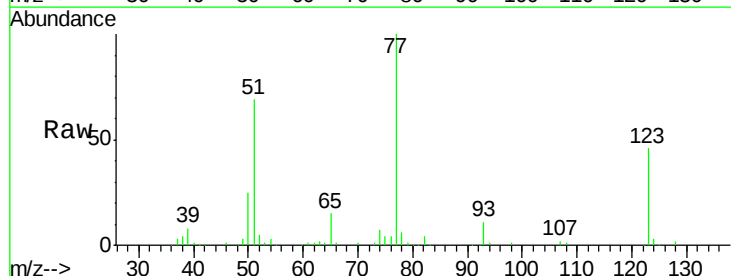
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

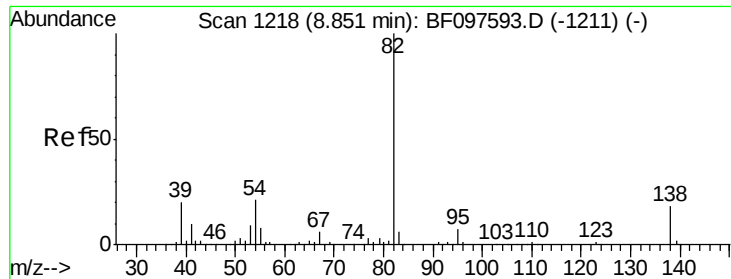
Tot Ion	82	Resp	494345
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.0	51.0
54	68.5	42.2	63.2#



#24
Nitrobenzene
Concen: 49.81 ng
RT: 8.46 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion	77	Resp	276170
Ion Ratio	Lower	Upper	
77	100		
123	46.2	35.8	53.8
65	15.0	10.6	15.8

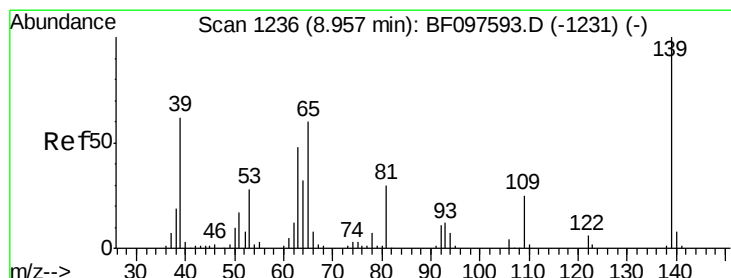
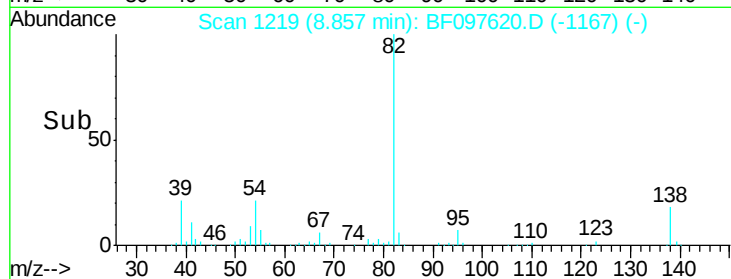
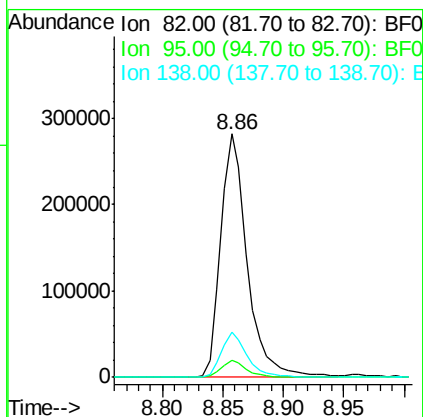
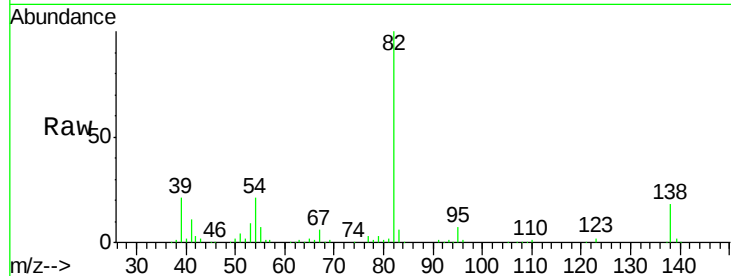




#25
Isophorone
Concen: 45.80 ng
RT: 8.86 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

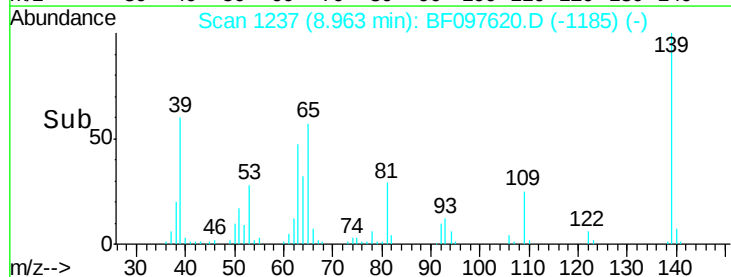
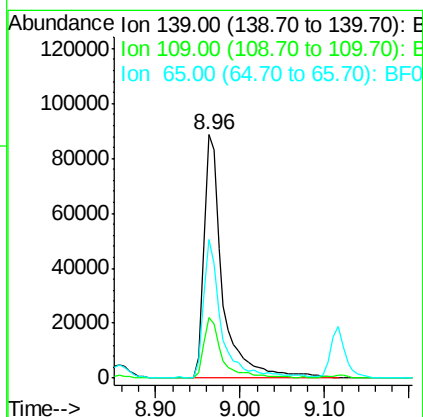
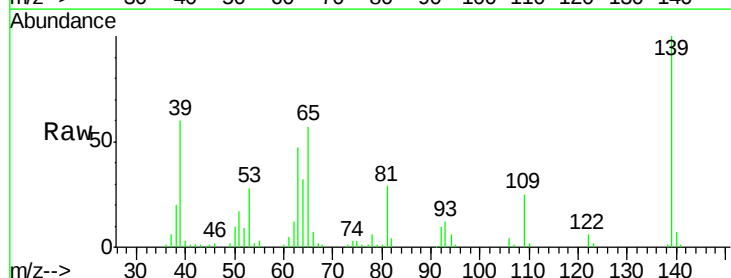
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

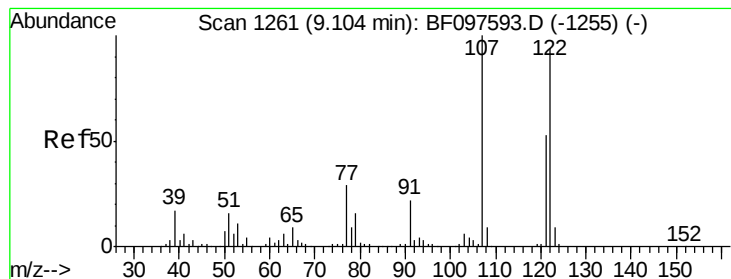
Tot Ion	82	Resp	429229
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	18.4	13.1	19.7



#26
2-Nitrophenol
Concen: 48.63 ng
RT: 8.96 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion	139	Resp	136384
Ion Ratio	Lower	Upper	
139	100		
109	25.0	21.0	31.6
65	56.8	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 45.10 ng

RT: 9.12 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

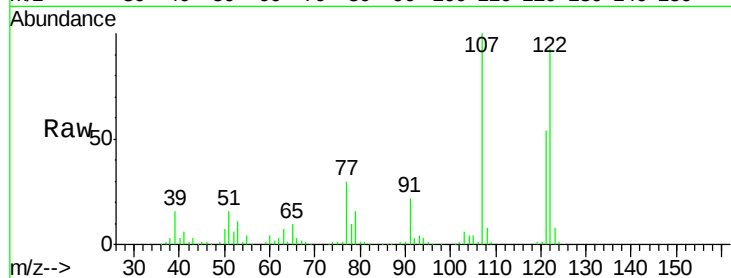
Tot Ion:122 Resp: 210921

Ion Ratio Lower Upper

122 100

107 107.4 89.2 133.8

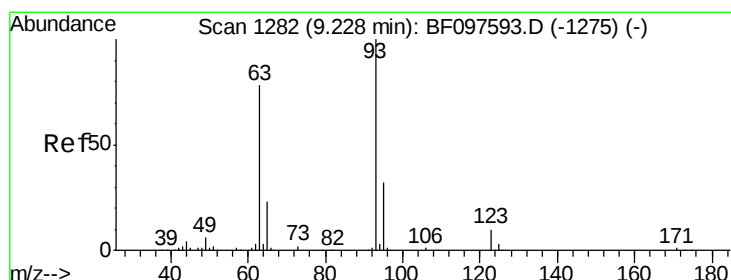
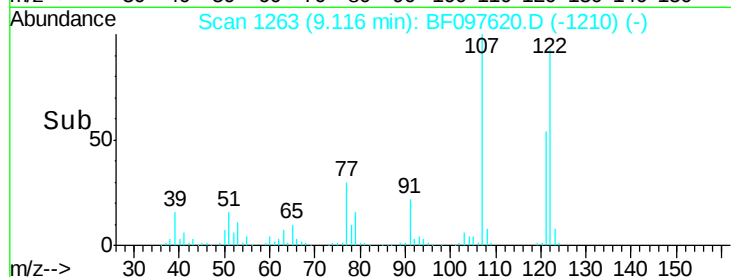
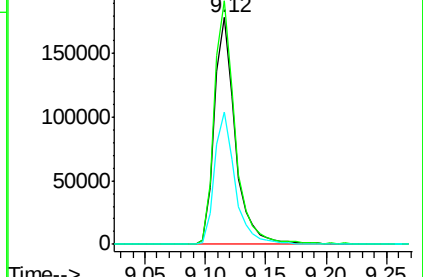
121 58.2 45.2 67.8



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: 46.71 ng

RT: 9.23 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

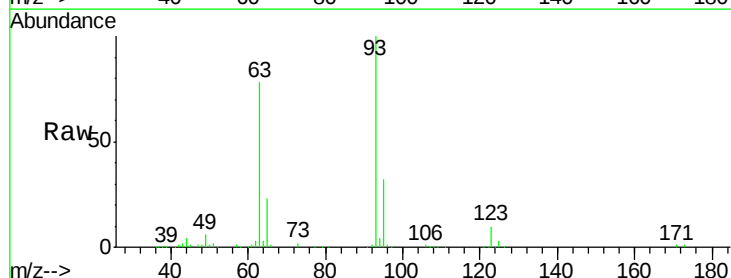
Tgt Ion: 93 Resp: 316292

Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

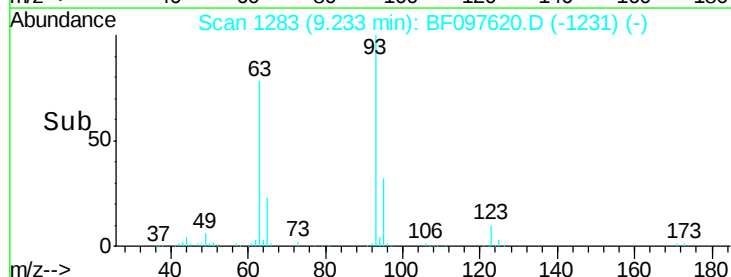
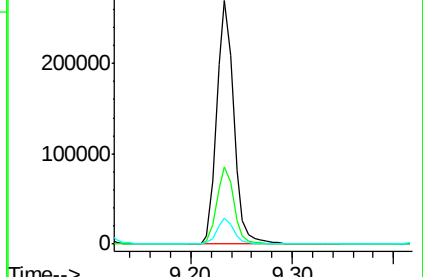
123 10.5 9.0 13.4

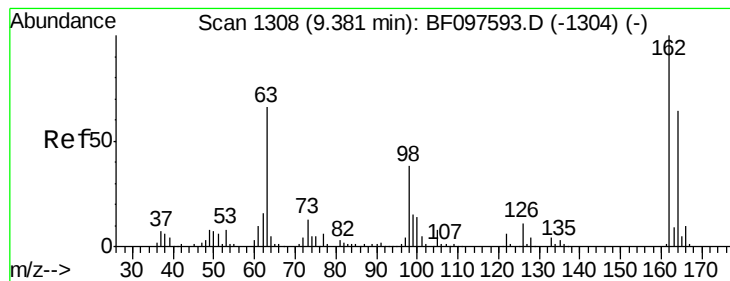


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.86 ng

RT: 9.39 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

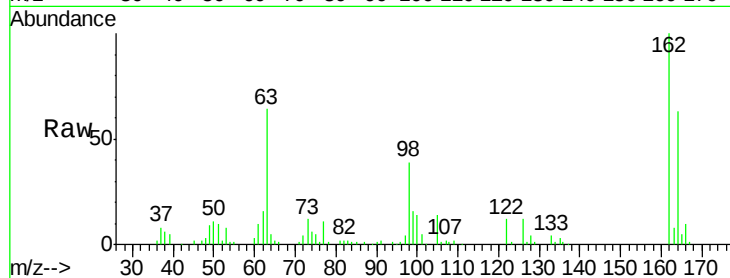
Tot Ion:162 Resp: 176709

Ion Ratio Lower Upper

162 100

164 63.1 44.6 84.6

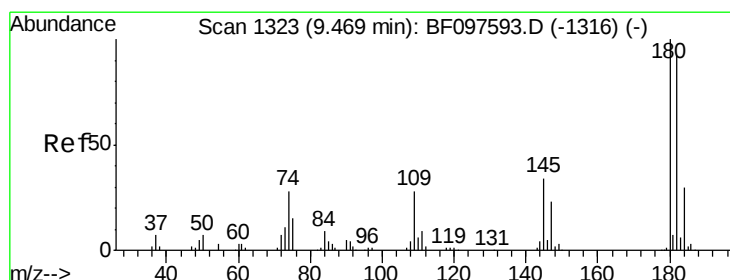
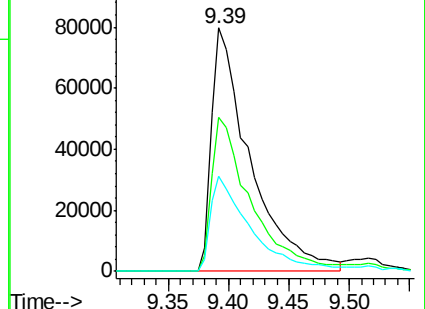
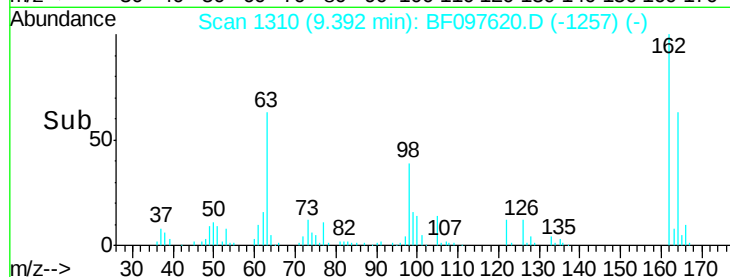
98 39.0 14.8 54.8



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: 46.32 ng

RT: 9.47 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

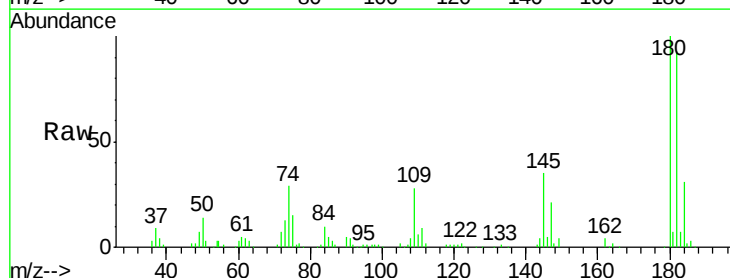
Tgt Ion:180 Resp: 189371

Ion Ratio Lower Upper

180 100

182 93.1 75.8 113.6

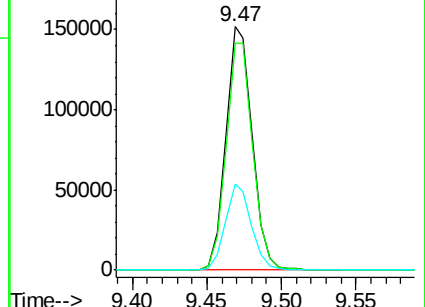
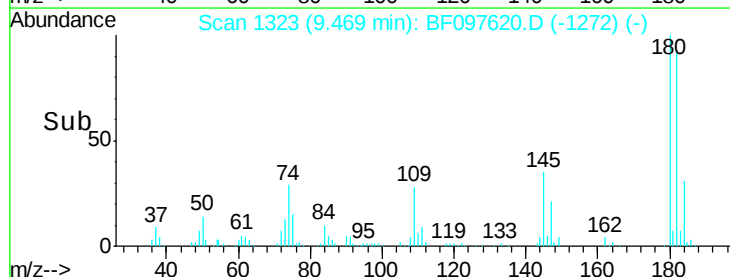
145 35.2 25.3 37.9

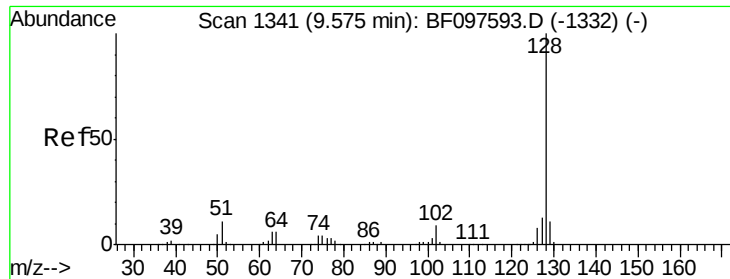


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

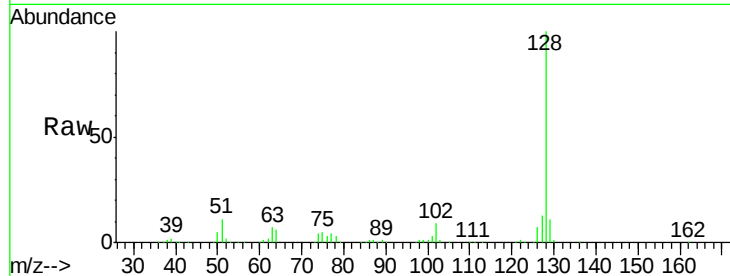




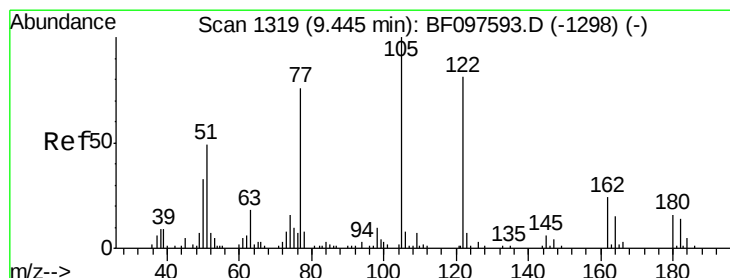
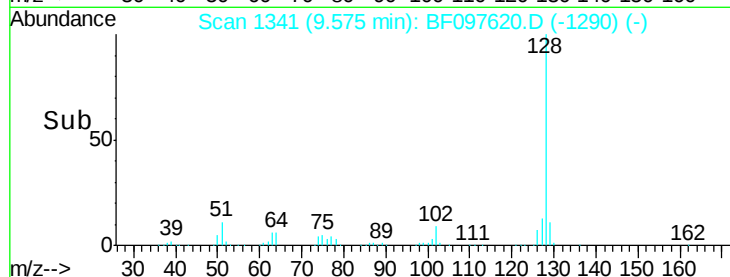
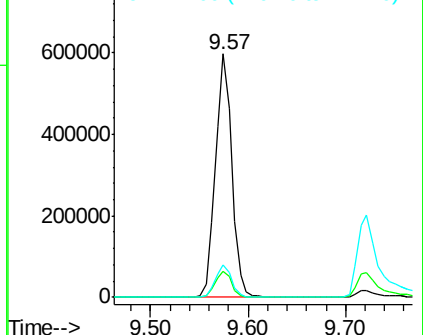
#31
Naphthalene
Concen: 43.70 ng
RT: 9.57 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 698192
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.2 10.8 16.2

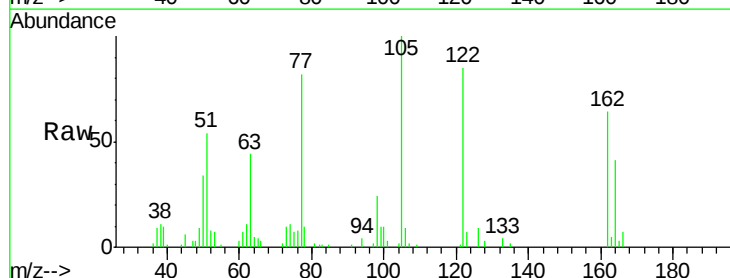


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

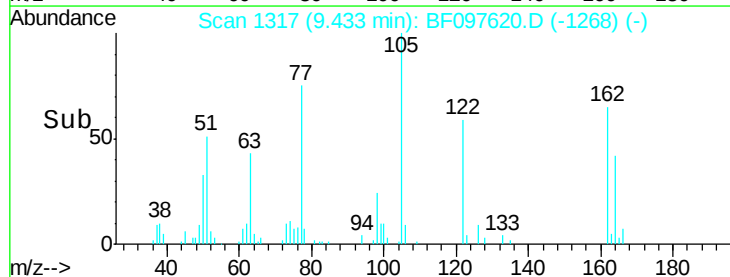
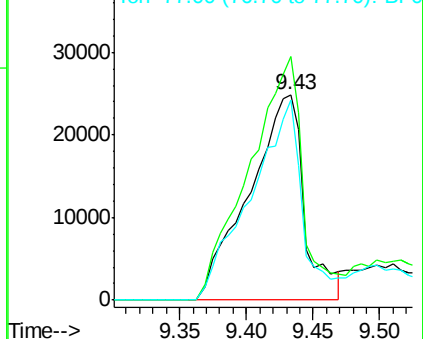


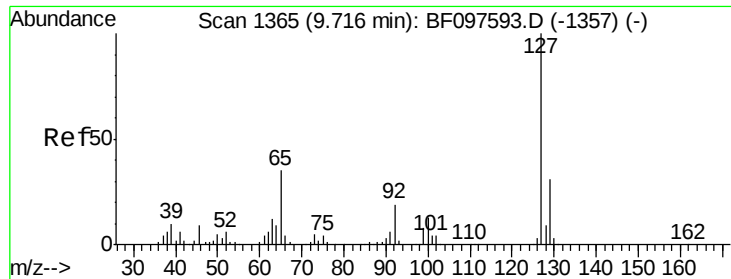
#32
Benzoic acid
Concen: 28.49 ng
RT: 9.43 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:122 Resp: 71799
Ion Ratio Lower Upper
122 100
105 118.3 103.3 143.3
77 97.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

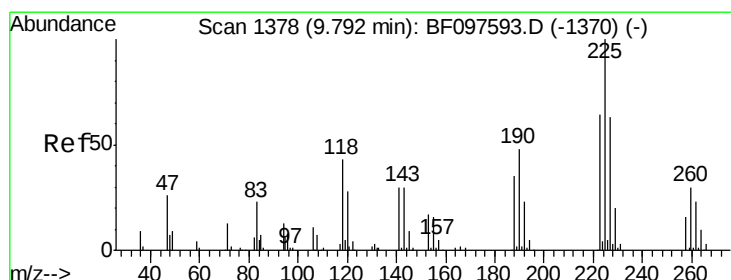
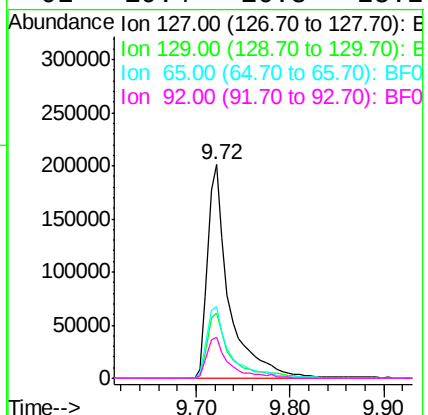
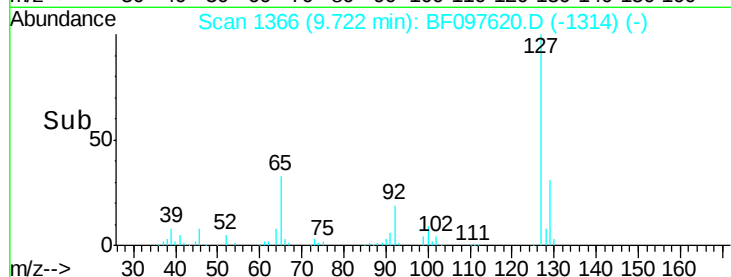
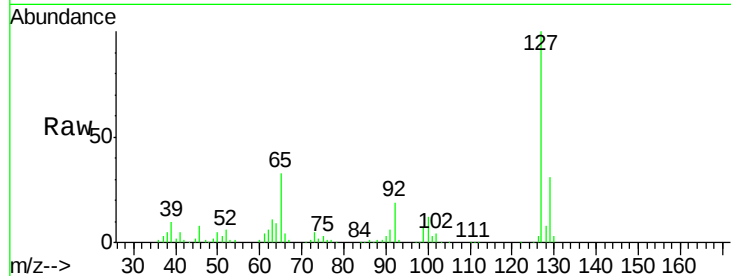




#33
4-Chloroaniline
Concen: 49.26 ng
RT: 9.72 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

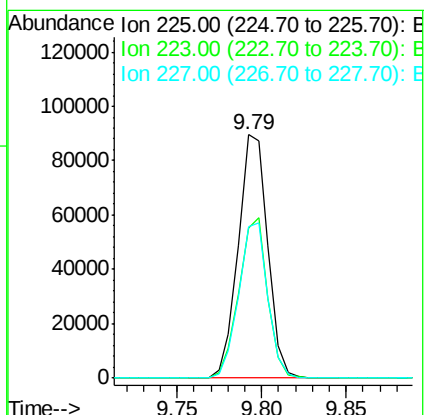
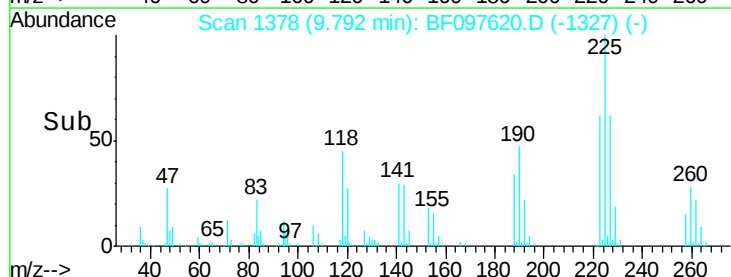
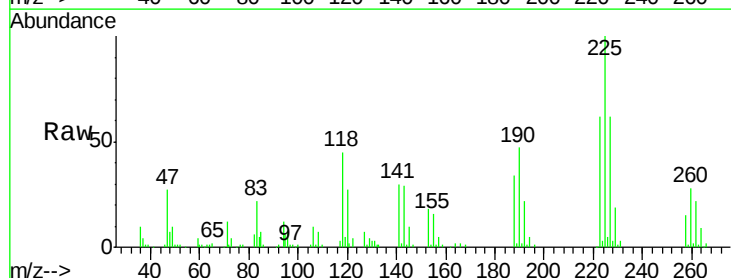
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

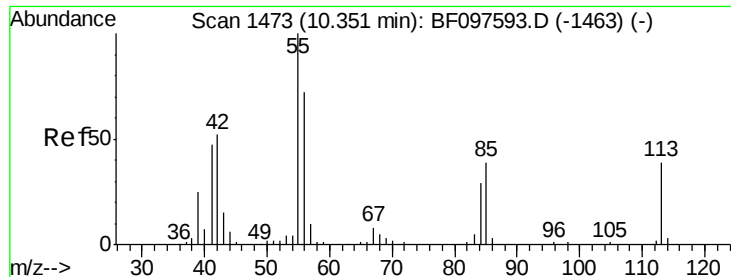
Tot Ion:	127	Resp:	326077
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.2
65	33.3	27.8	41.8
92	19.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 48.82 ng
RT: 9.79 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:	225	Resp:	109022
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.8	73.2
227	62.0	51.1	76.7





#35

Caprolactam

Concen: 49.34 ng

RT: 10.36 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

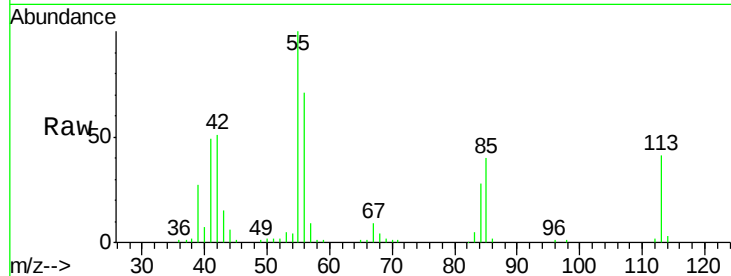
Tot Ion:113 Resp: 65553

Ion Ratio Lower Upper

113 100

55 243.5 150.2 190.2#

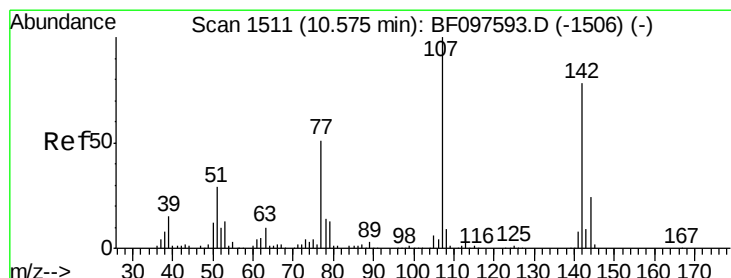
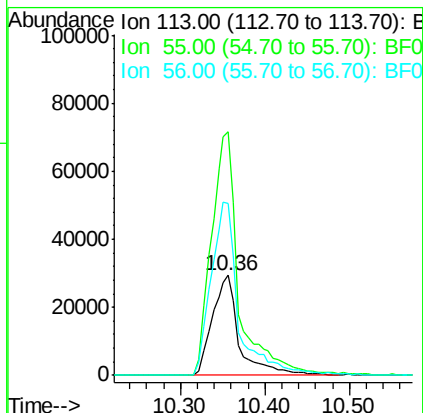
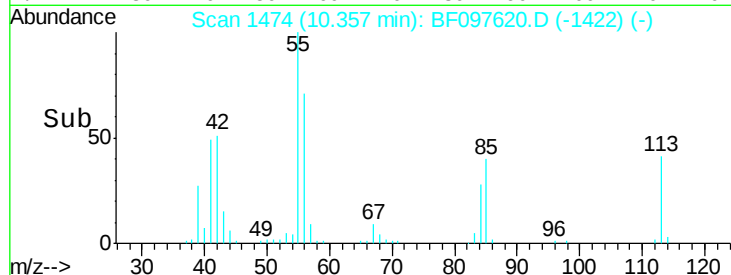
56 172.3 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.64 ng

RT: 10.59 min Scan# 1514

Delta R.T. 0.02 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

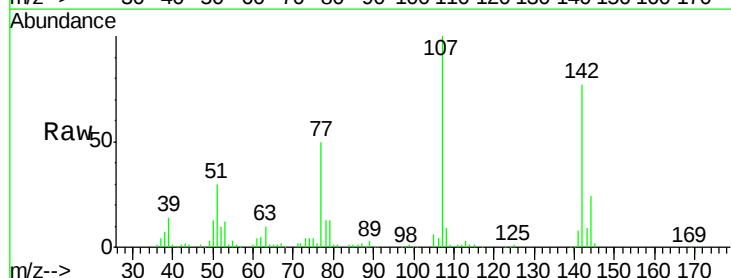
Tgt Ion:107 Resp: 220690

Ion Ratio Lower Upper

107 100

144 24.0 24.2 36.4#

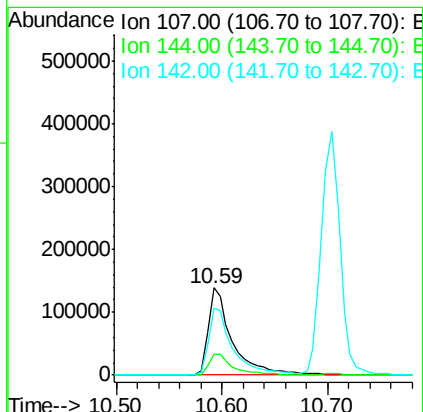
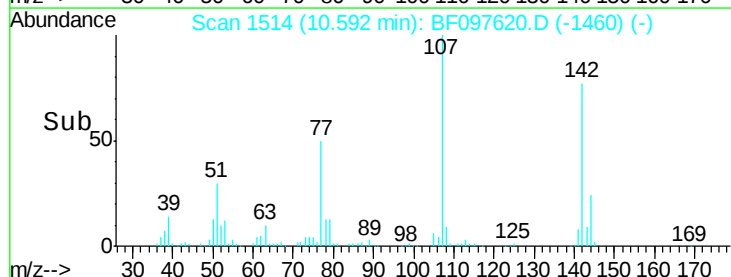
142 77.0 73.4 110.0

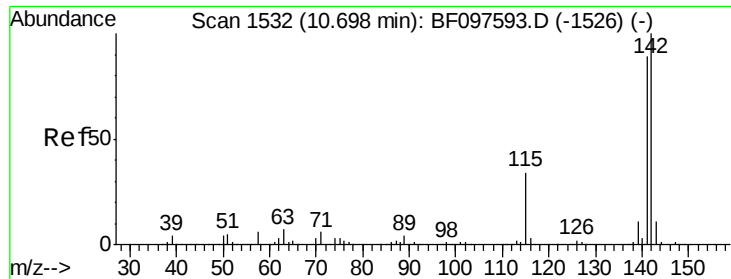


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

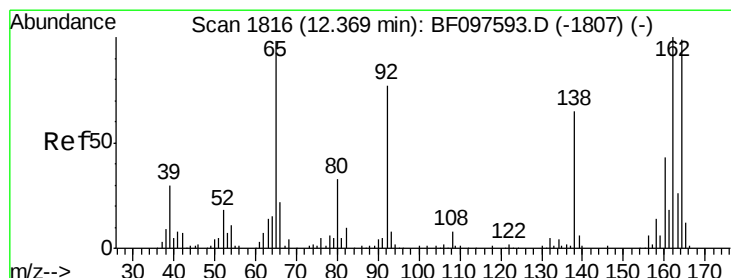
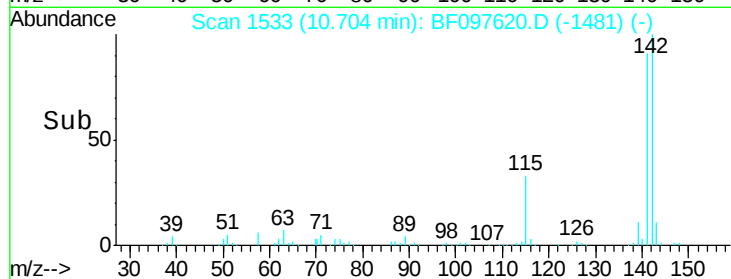
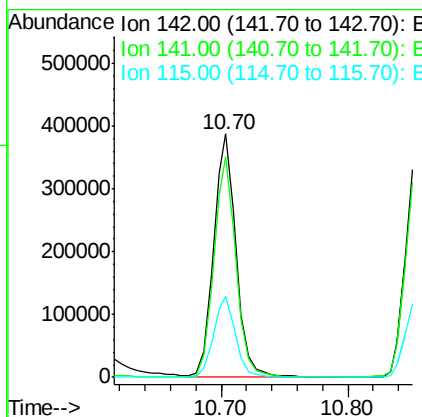
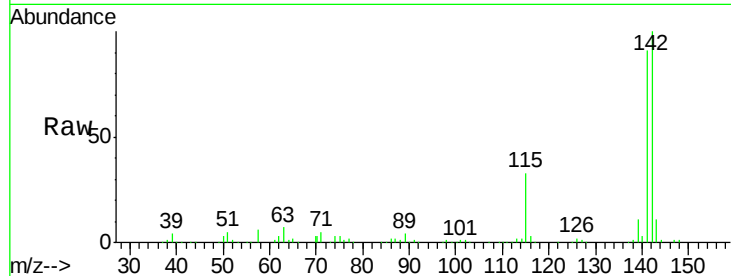




#37
2-Methylnaphthalene
Concen: 47.63 ng
RT: 10.70 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

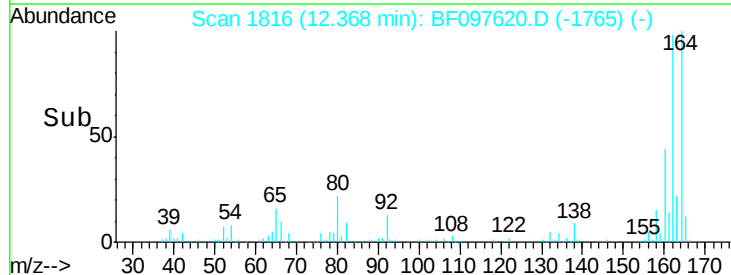
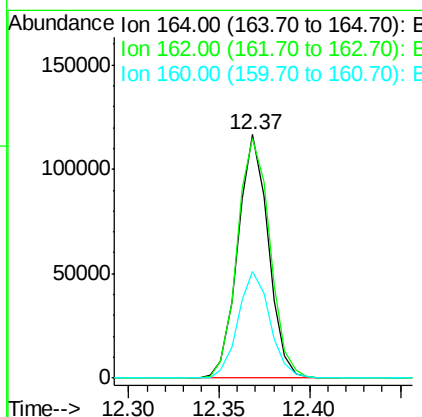
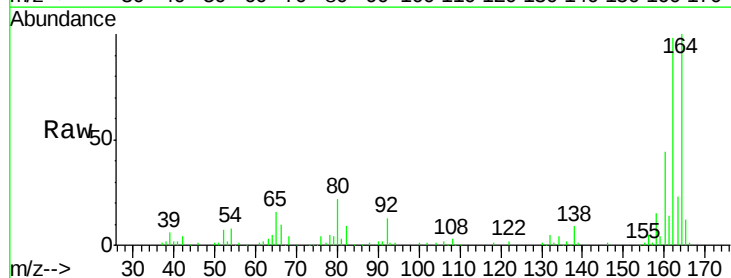
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

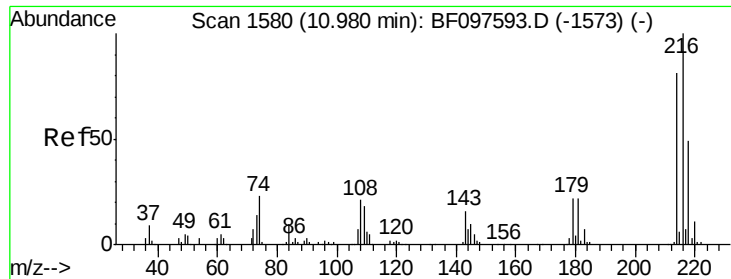
Tot Ion:142 Resp: 478845
Ion Ratio Lower Upper
142 100
141 90.7 71.3 106.9
115 33.5 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:164 Resp: 136517
Ion Ratio Lower Upper
164 100
162 98.4 82.6 123.8
160 43.9 36.2 54.2

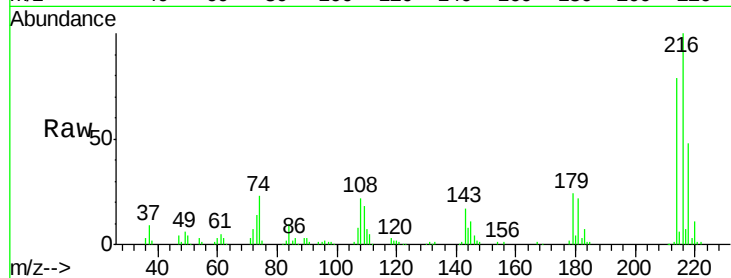




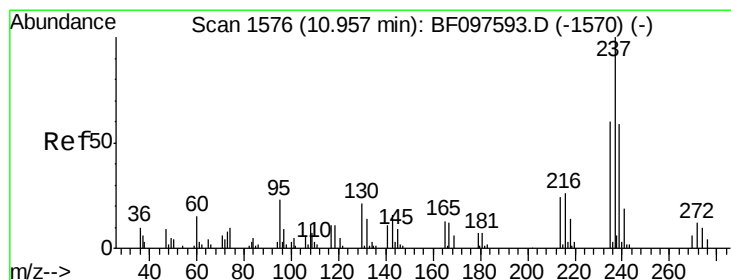
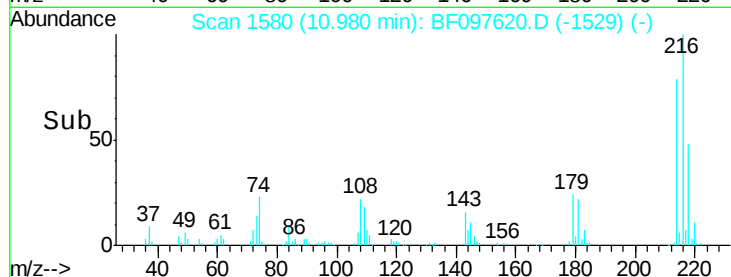
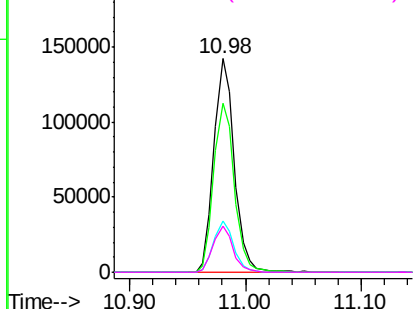
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.44 ng
 RT: 10.98 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	175657
Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.4	95.2
179	23.3	17.9	26.9
108	21.0	16.5	24.7

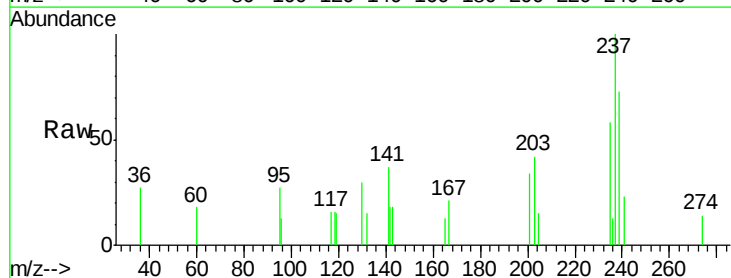


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

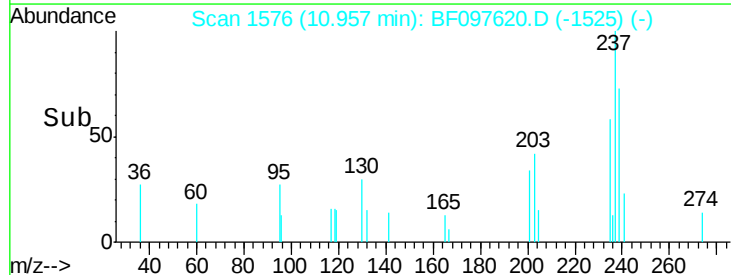
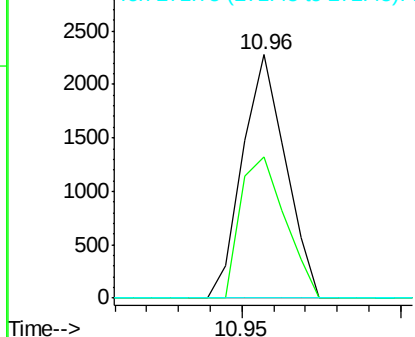


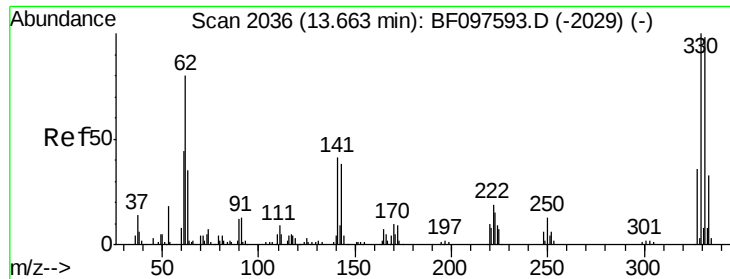
#40
 Hexachlorocyclopentadiene
 Concen: 14.16 ng
 RT: 10.96 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

Tgt Ion:	237	Resp:	2148
Ion	Ratio	Lower	Upper
237	100		
235	58.2	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

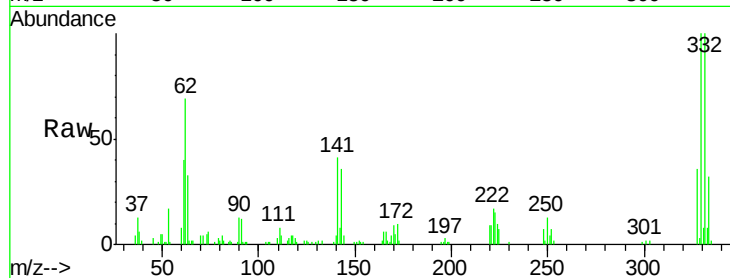




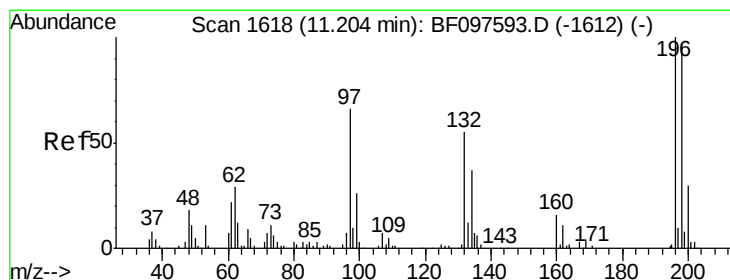
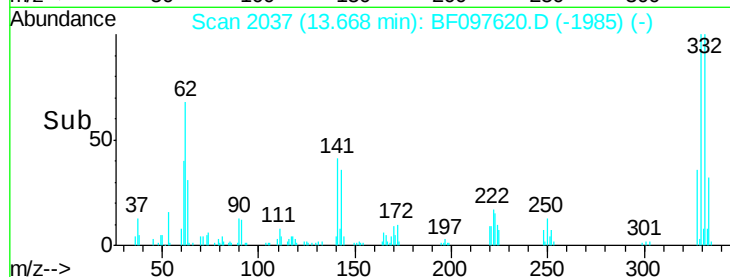
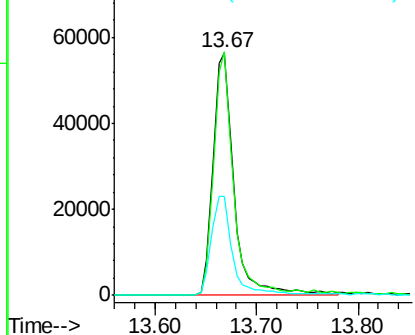
#41
 2,4,6-Tribromophenol
 Concen: 78.57 ng
 RT: 13.67 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 81542
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.6 115.0
 141 41.4 31.4 47.2

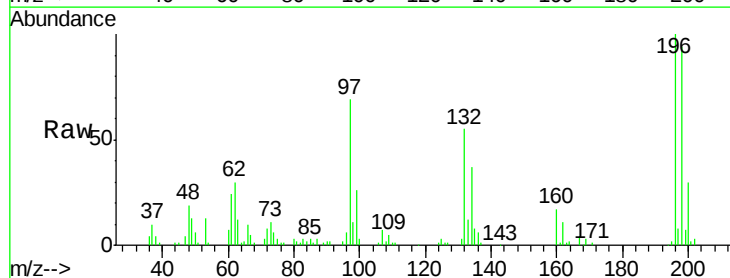


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

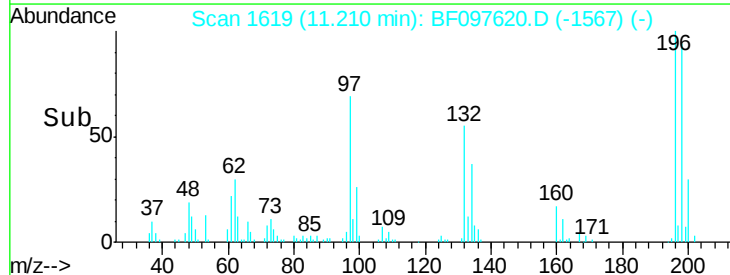
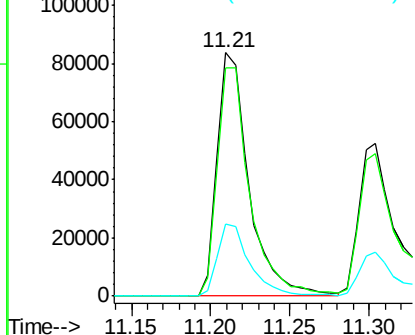


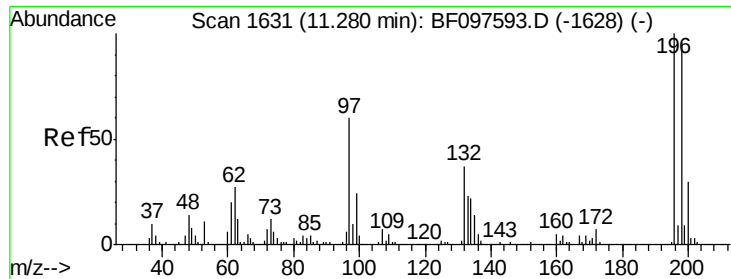
#42
 2,4,6-Trichlorophenol
 Concen: 46.14 ng
 RT: 11.21 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

Tgt Ion:196 Resp: 117509
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.2 111.4
 200 29.7 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

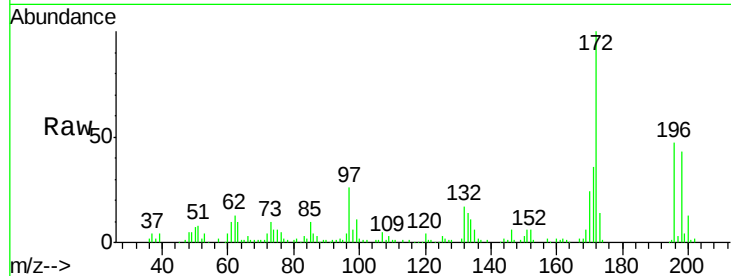




#43
2,4,5-Trichlorophenol
Concen: 44.16 ng
RT: 11.30 min Scan# 1635
Delta R.T. 0.02 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		106219		
198	93.3	75.7	113.5		
97	55.0	47.7	71.5		
132	37.3	28.0	42.0		



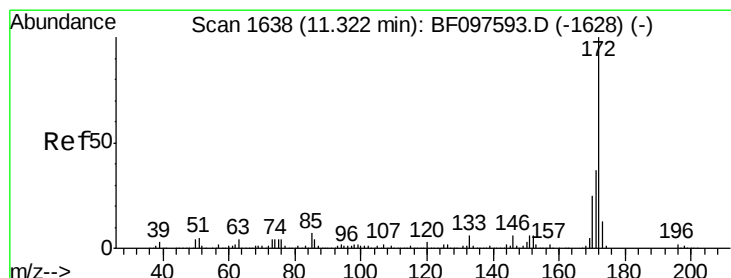
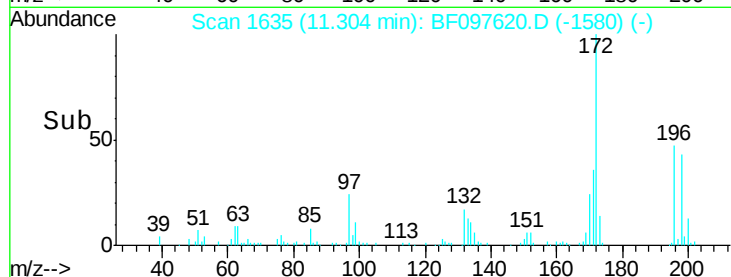
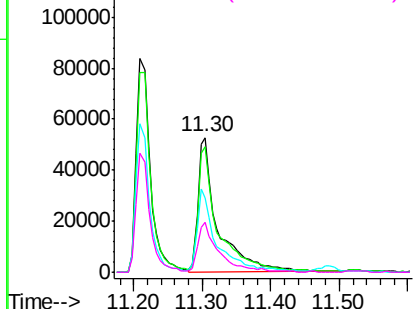
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

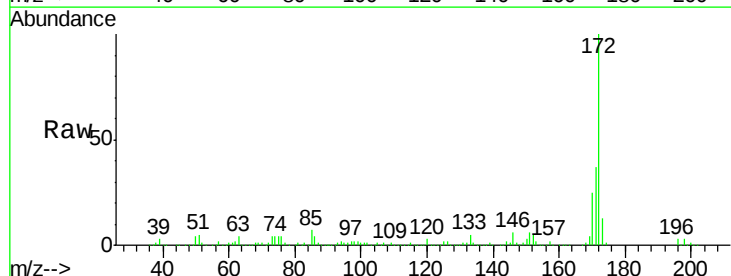
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 85.35 ng
RT: 11.32 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		772085		
171	36.9	29.6	44.4		
170	24.8	19.8	29.8		

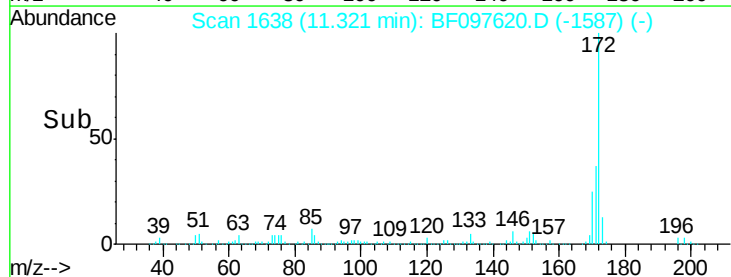
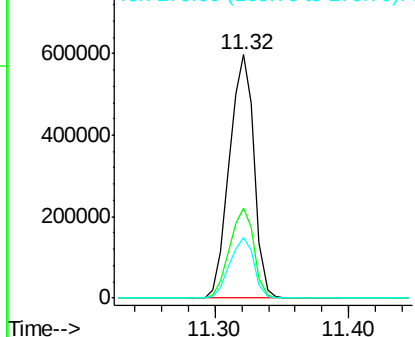


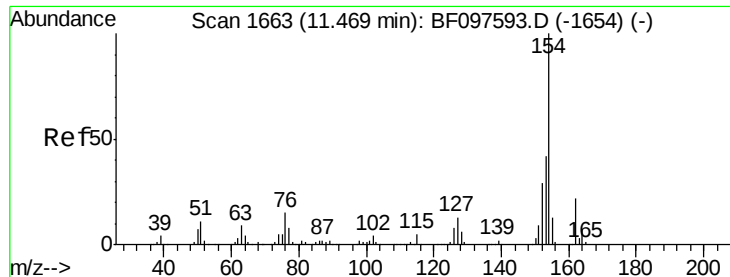
Abundance

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: 44.04 ng

RT: 11.47 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

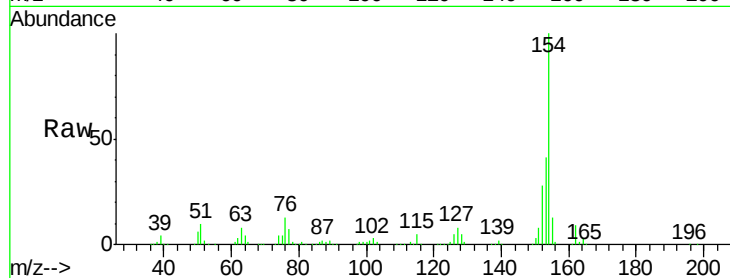
Tot Ion:154 Resp: 515797

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

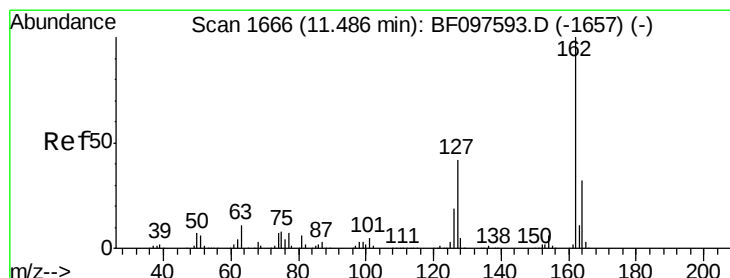
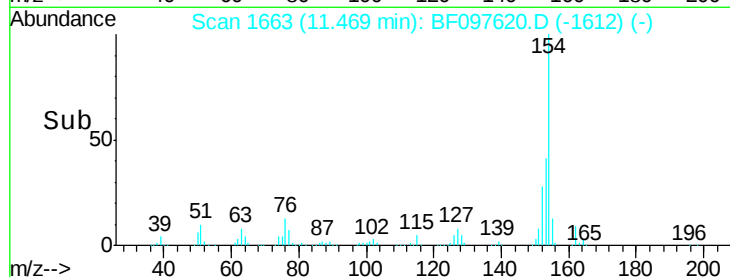
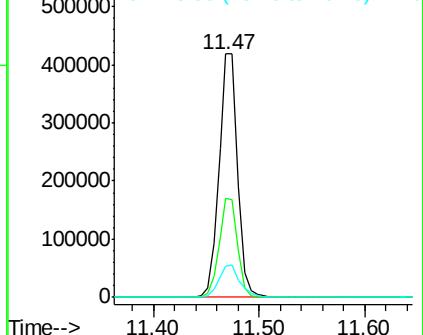
76 12.8 0.0 29.9



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: 43.16 ng

RT: 11.49 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

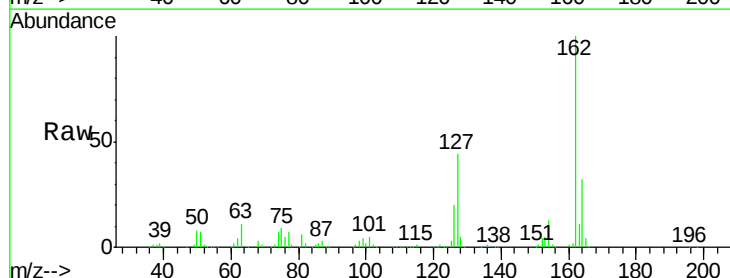
Tgt Ion:162 Resp: 388141

Ion Ratio Lower Upper

162 100

127 43.5 28.3 42.5#

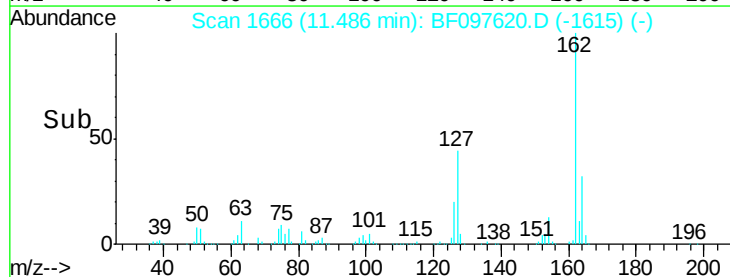
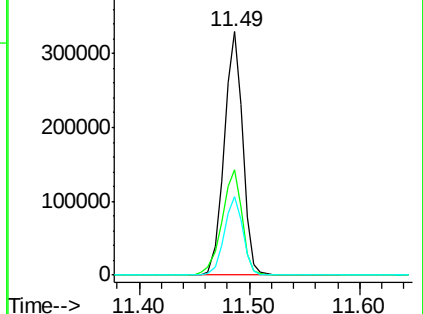
164 32.3 27.0 40.4

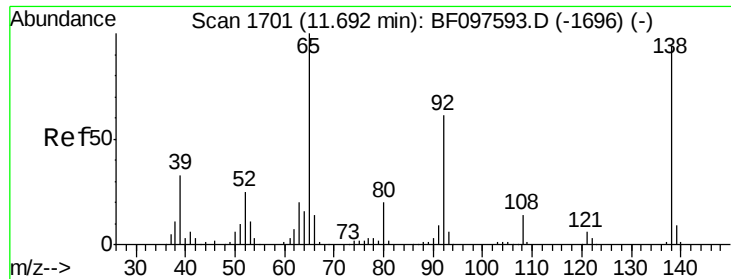


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

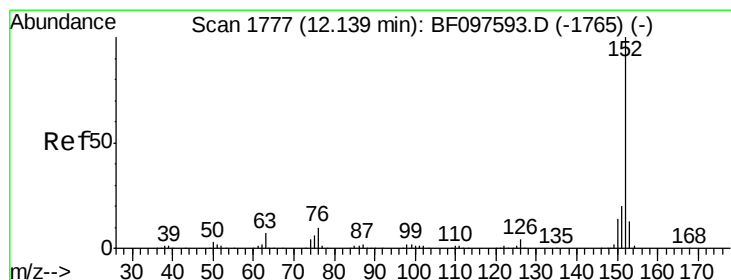
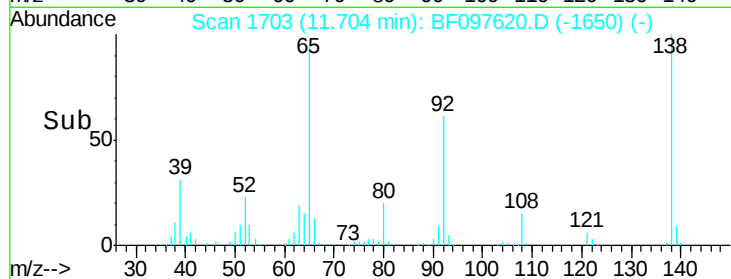
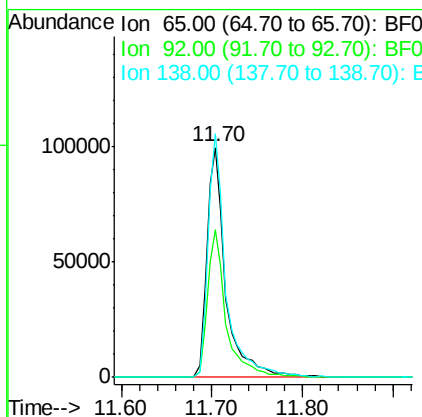
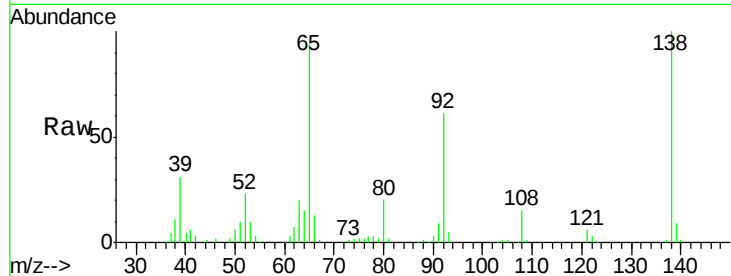




#47
2-Nitroaniline
Concen: 41.51 ng
RT: 11.70 min Scan# 1703
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

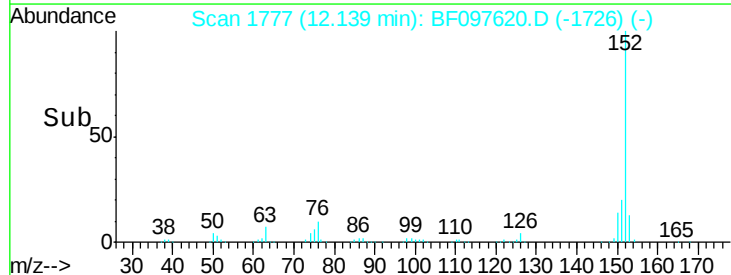
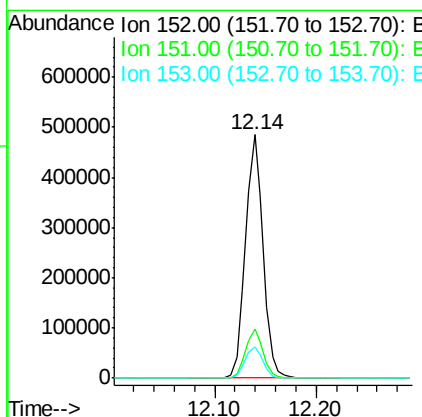
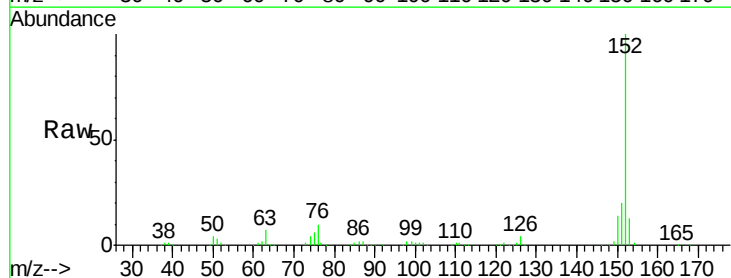
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

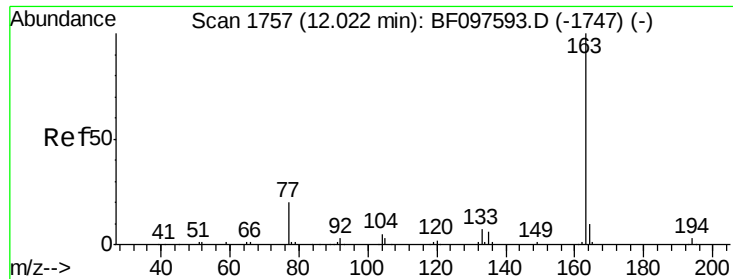
Tot Ion: 65 Resp: 146231
Ion Ratio Lower Upper
65 100
92 64.3 53.9 80.9
138 106.1 78.8 118.2



#48
Acenaphthylene
Concen: 41.09 ng
RT: 12.14 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion: 152 Resp: 587411
Ion Ratio Lower Upper
152 100
151 20.2 16.8 25.2
153 12.8 10.8 16.2

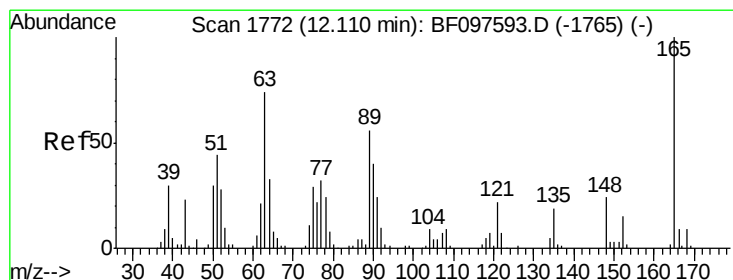
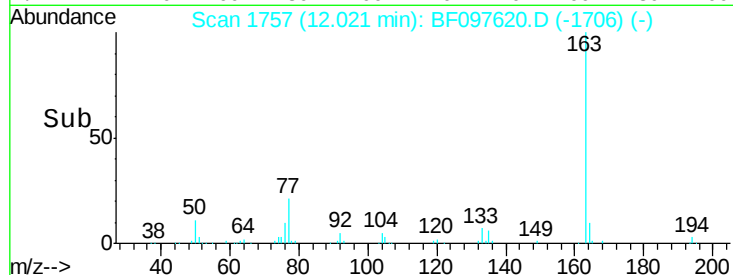
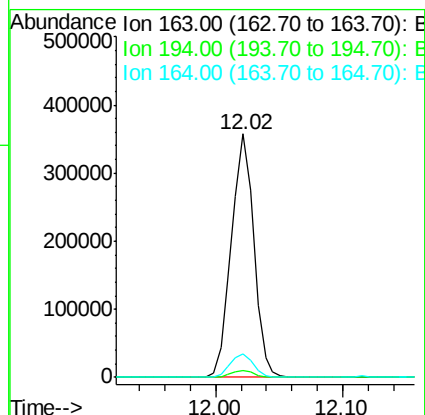
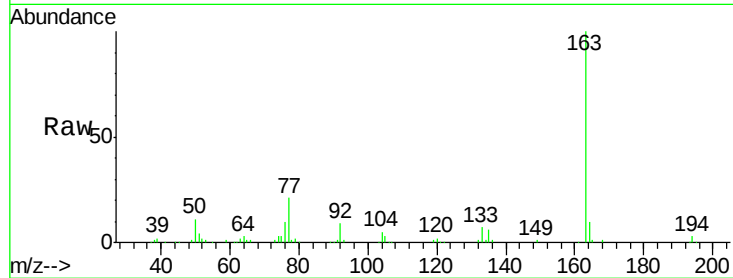




#49
Dimethylphthalate
Concen: 41.68 ng
RT: 12.02 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

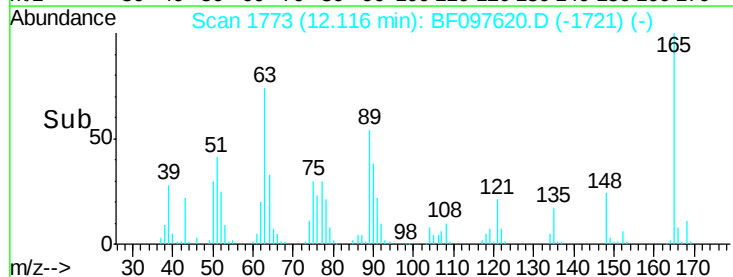
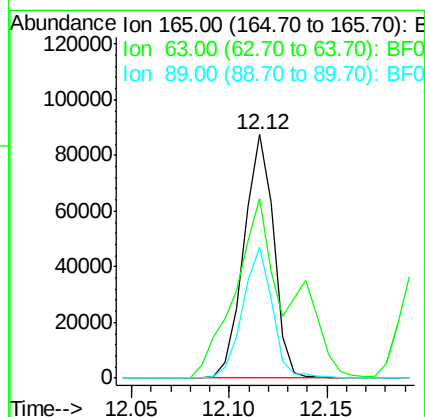
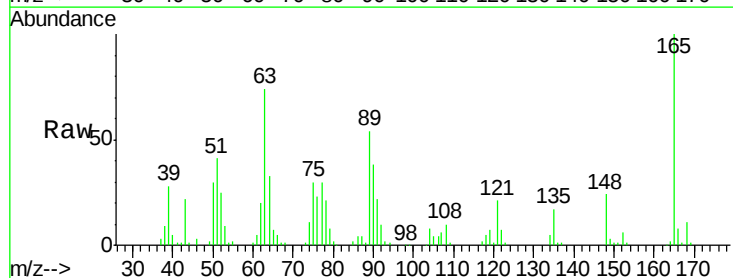
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

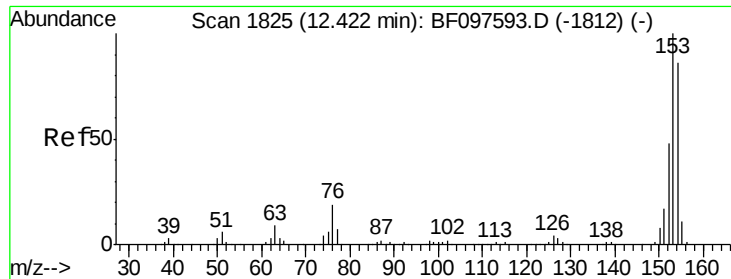
Tot Ion:163 Resp: 438489
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 9.7 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 42.50 ng
RT: 12.12 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:165 Resp: 92339
Ion Ratio Lower Upper
165 100
63 73.9 34.3 51.5#
89 53.7 37.1 55.7





#51

Acenaphthene

Concen: 40.11 ng

RT: 12.42 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

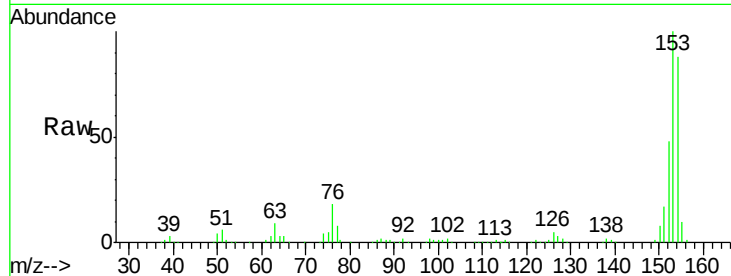
Tot Ion:154 Resp: 343682

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

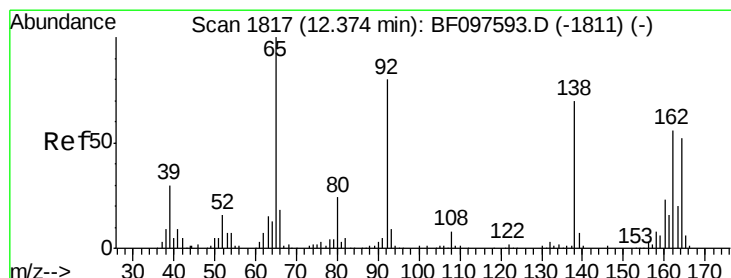
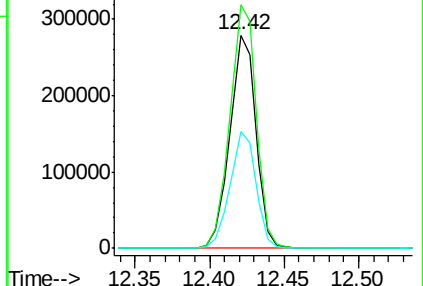
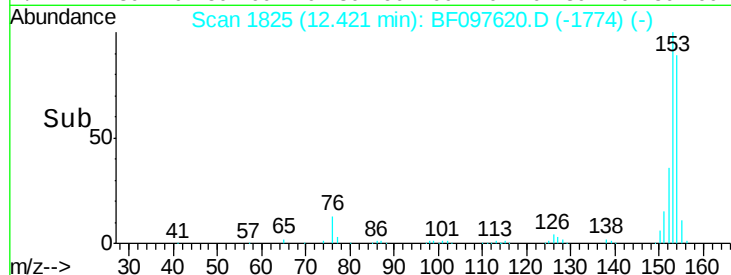
152 55.0 43.6 65.4



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: 41.37 ng

RT: 12.38 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

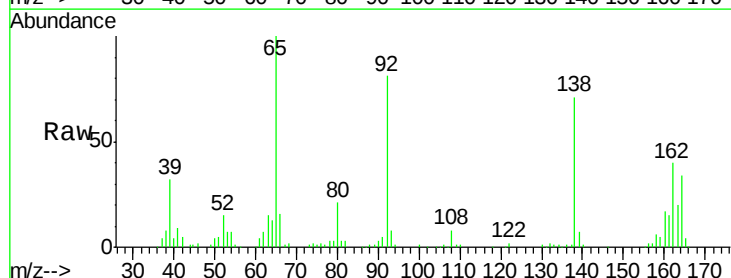
Tgt Ion:138 Resp: 117674

Ion Ratio Lower Upper

138 100

108 10.9 9.1 13.7

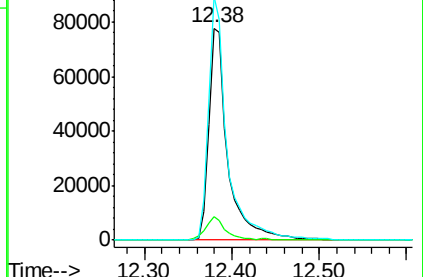
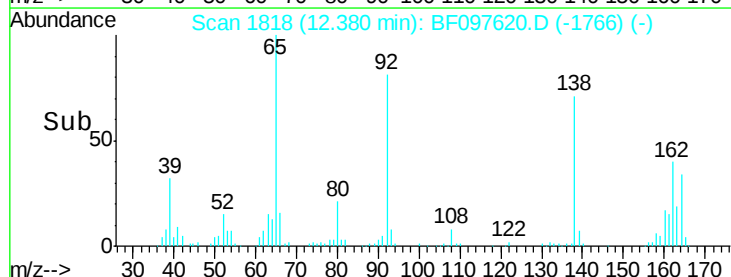
92 114.9 93.8 140.6

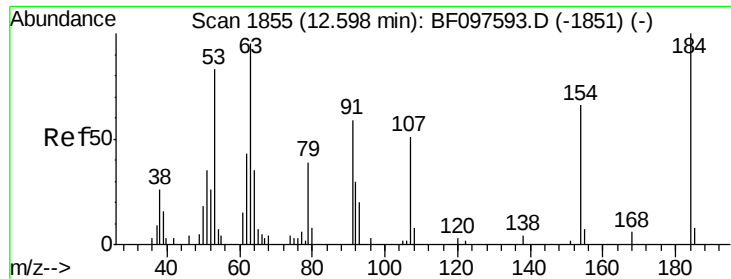


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

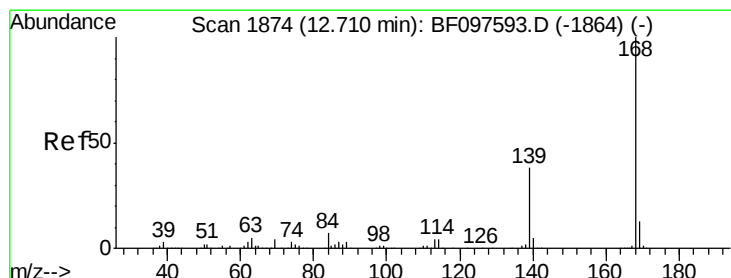
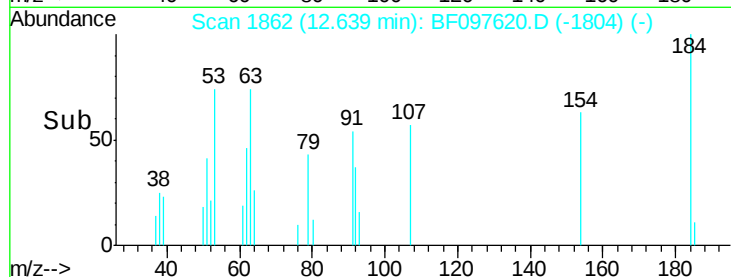
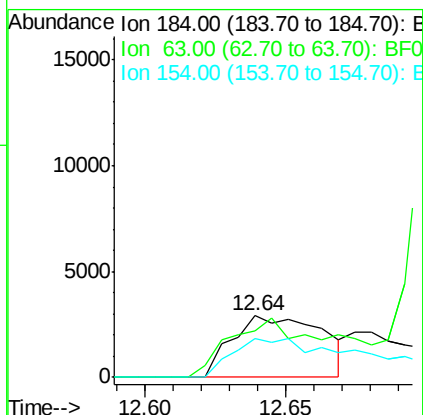
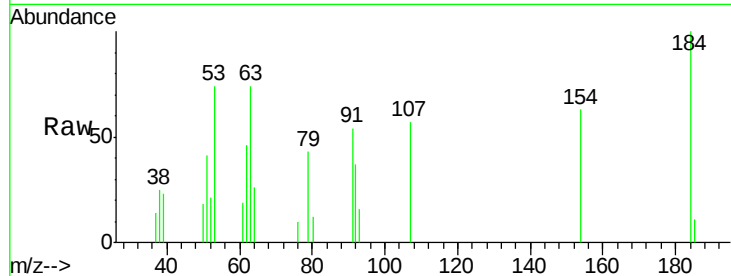




#53
2,4-Dinitrophenol
Concen: 7.21 ng
RT: 12.64 min Scan# 1862
Delta R.T. 0.04 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

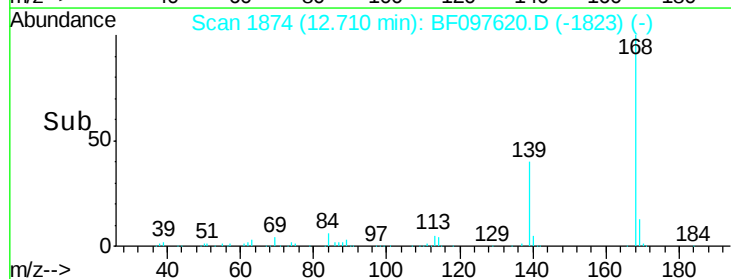
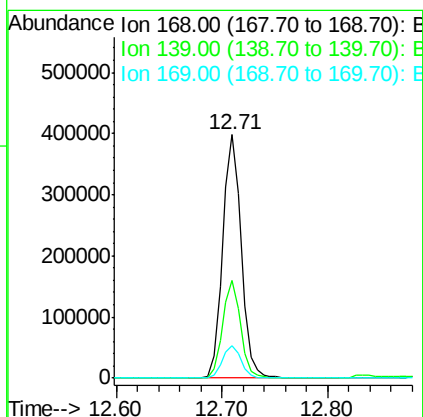
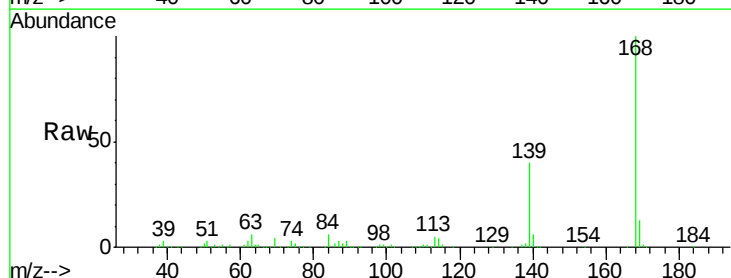
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

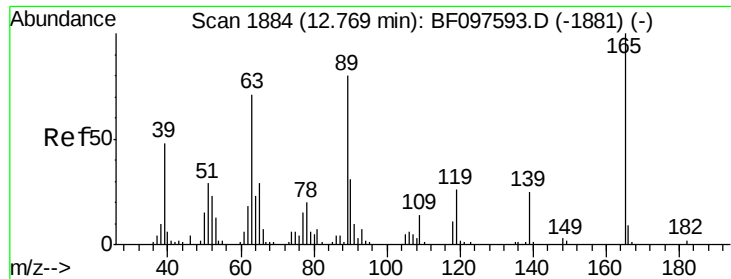
Tot Ion:184 Resp: 6458
Ion Ratio Lower Upper
184 100
63 74.3 62.7 94.1
154 63.0 81.1 121.7#



#54
Dibenzofuran
Concen: 40.74 ng
RT: 12.71 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:168 Resp: 488659
Ion Ratio Lower Upper
168 100
139 39.9 30.6 45.8
169 13.3 10.8 16.2

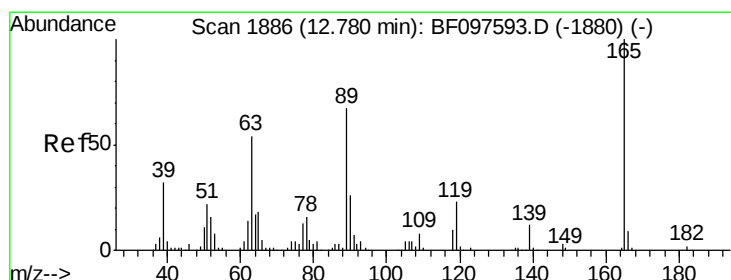
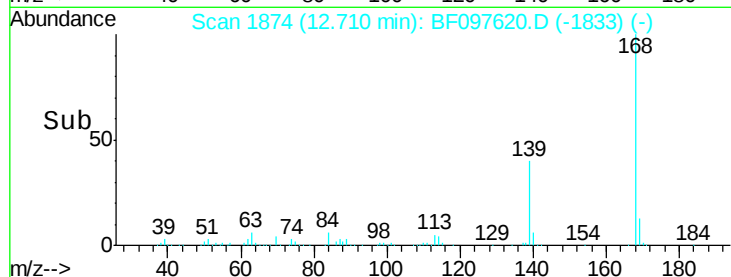
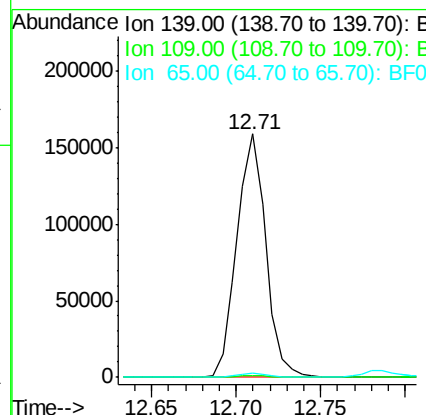
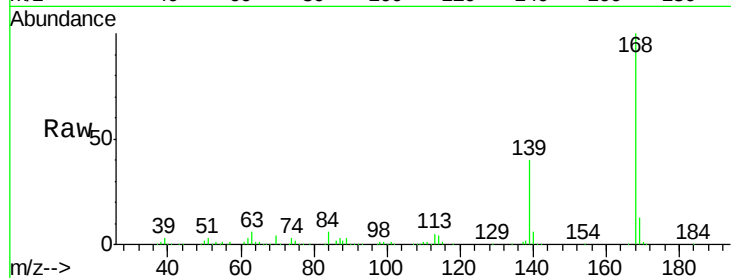




#55
4-Nitrophenol
Concen: 175.54 ng
RT: 12.71 min Scan# 1874
Delta R.T. -0.06 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

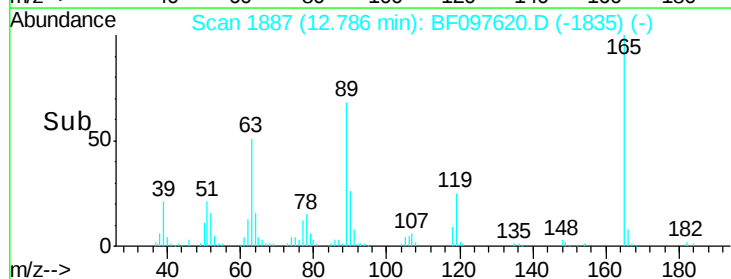
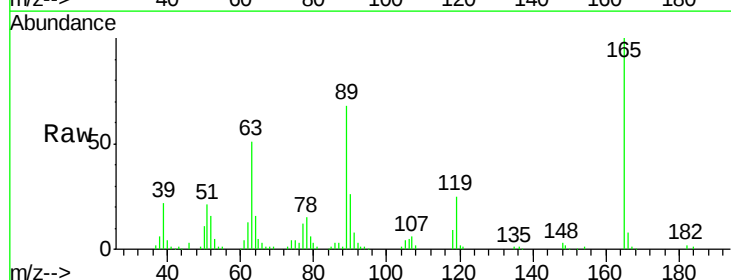
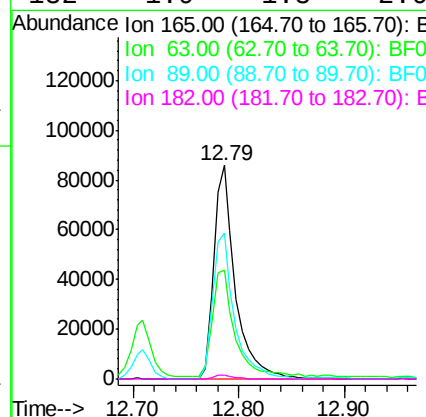
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

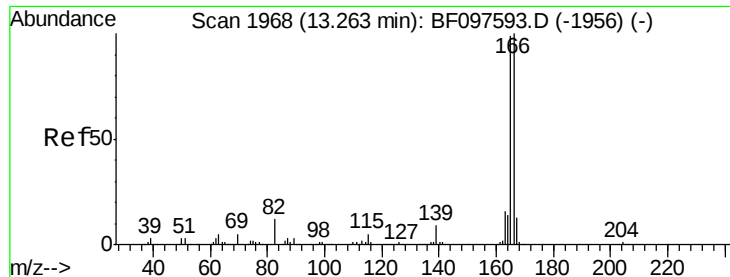
Tot Ion:139 Resp: 190174
Ion Ratio Lower Upper
139 100
109 0.7 34.1 74.1#
65 1.8 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.14 ng
RT: 12.79 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:165 Resp: 122213
Ion Ratio Lower Upper
165 100
63 51.0 25.4 38.0#
89 68.2 46.4 69.6
182 1.9 1.8 2.6





#57

Fluorene

Concen: 41.51 ng

RT: 13.26 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

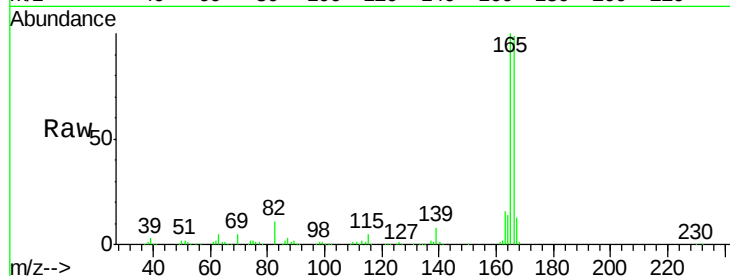
Tot Ion:166 Resp: 409441

Ion Ratio Lower Upper

166 100

165 100.8 78.8 118.2

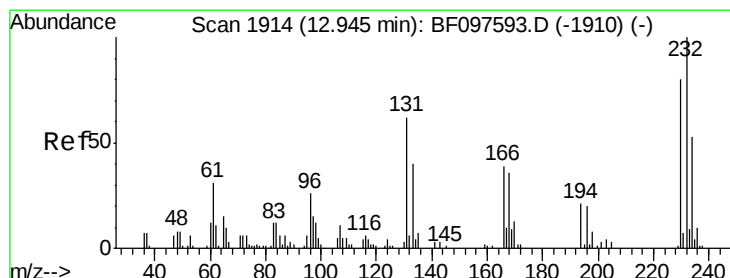
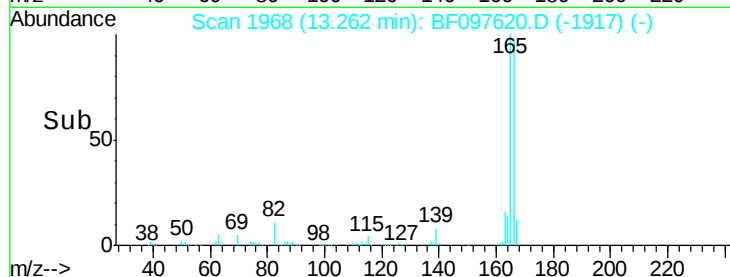
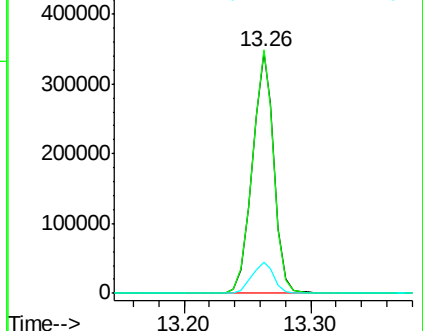
167 13.0 10.6 16.0



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: 34.27 ng

RT: 12.96 min Scan# 1917

Delta R.T. 0.02 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Tgt Ion:232 Resp: 56618

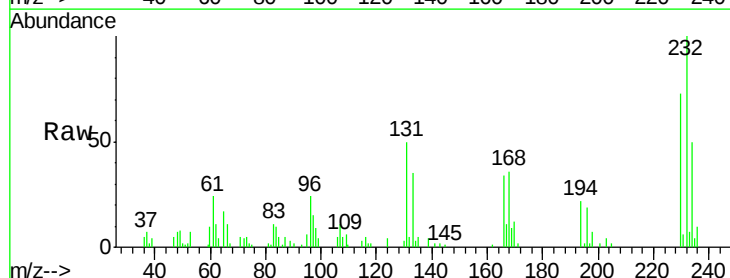
Ion Ratio Lower Upper

232 100

131 50.5 44.8 67.2

130 1.9 2.3 3.5#

166 31.6 29.0 43.4

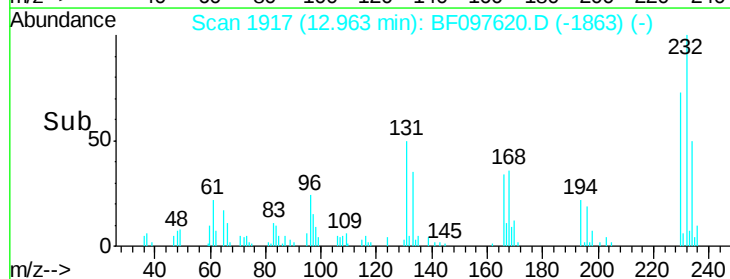
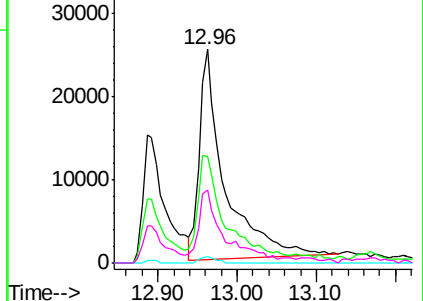


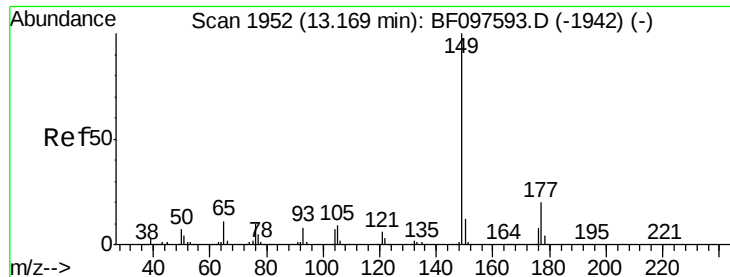
Abundance Ion 232.00 (231.70 to 232.70): E

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

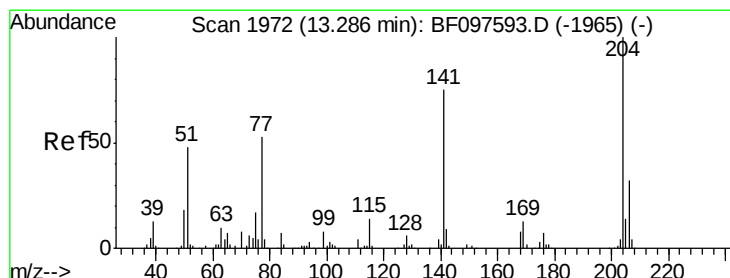
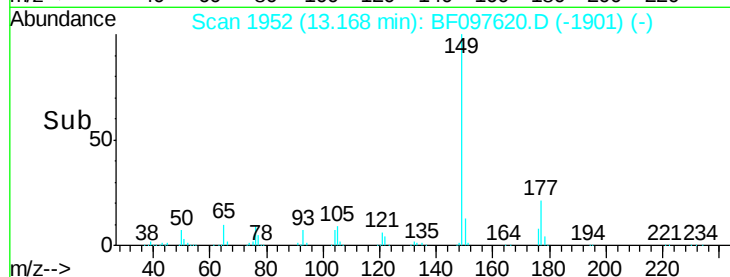
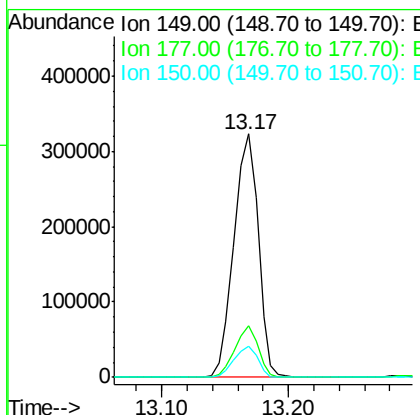
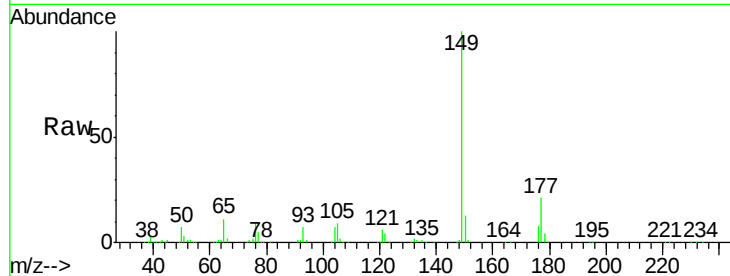




#59
Diethylphthalate
Concen: 43.06 ng
RT: 13.17 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

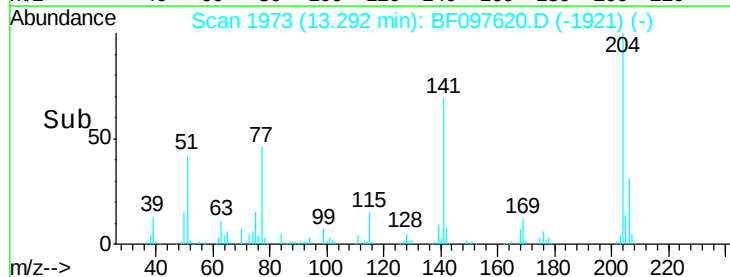
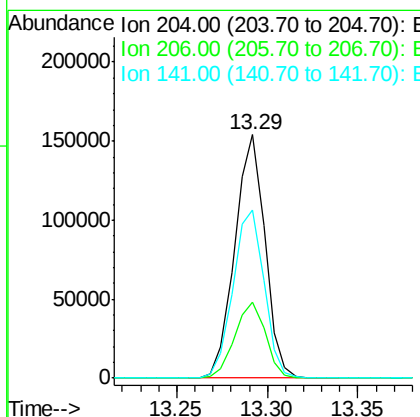
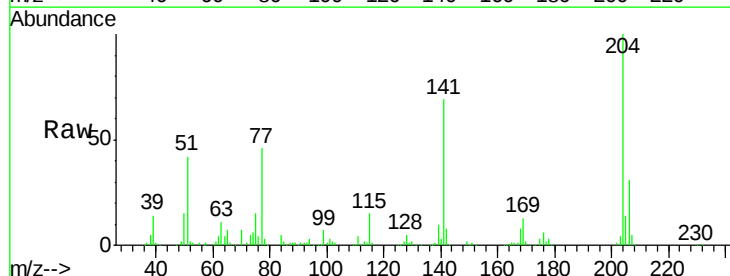
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

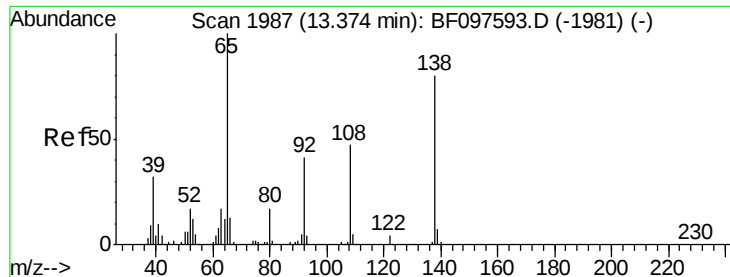
Tot Ion:149 Resp: 427882
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.29 ng
RT: 13.29 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:204 Resp: 178083
Ion Ratio Lower Upper
204 100
206 31.1 26.2 39.2
141 69.1 60.8 91.2

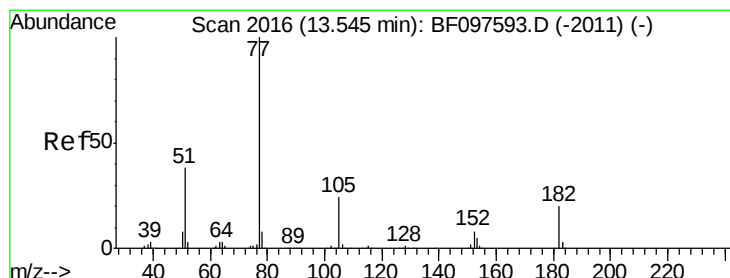
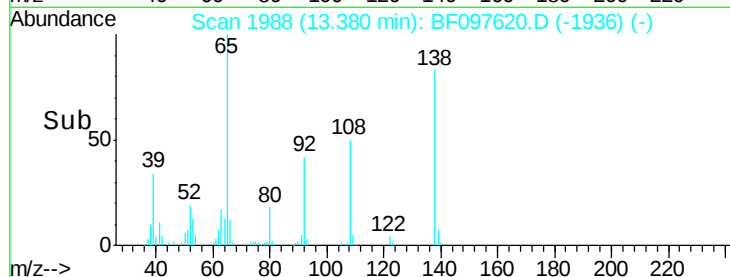
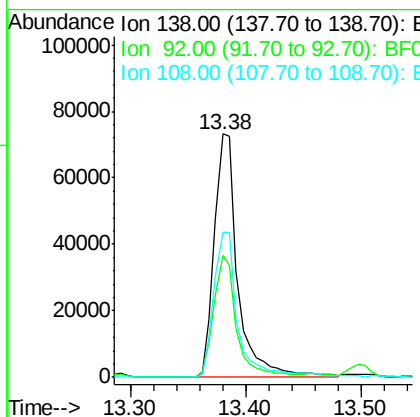
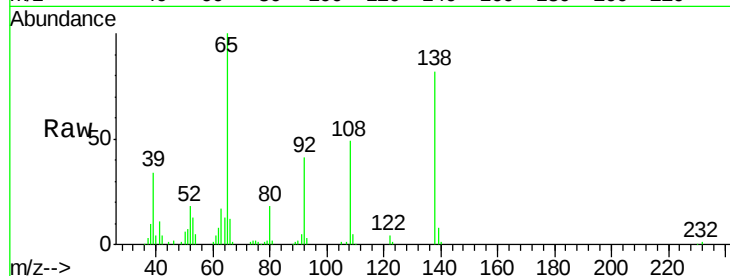




#61
4-Nitroaniline
Concen: 38.51 ng
RT: 13.38 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

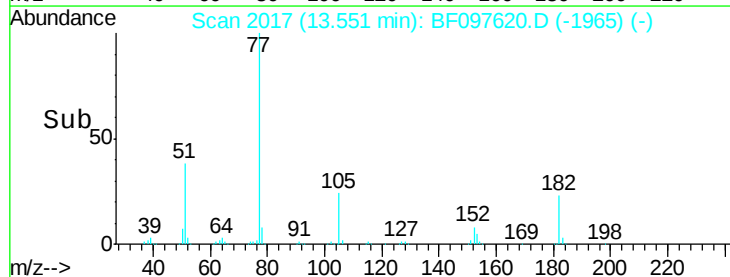
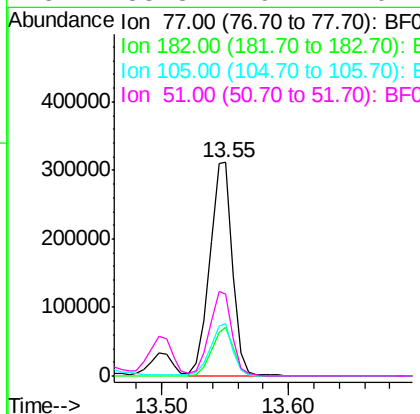
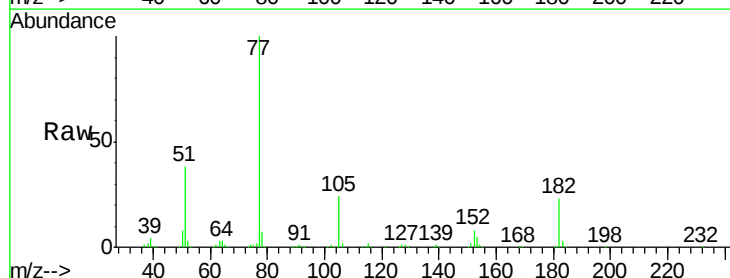
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

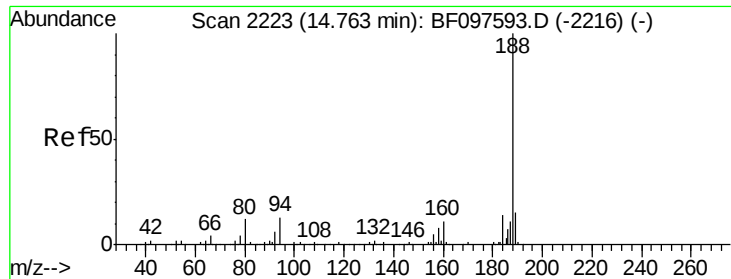
Tot Ion:138 Resp: 104502
Ion Ratio Lower Upper
138 100
92 50.1 21.8 61.8
108 59.7 42.3 82.3



#62
Azobenzene
Concen: 39.62 ng
RT: 13.55 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion: 77 Resp: 391646
Ion Ratio Lower Upper
77 100
182 22.8 0.1 40.1
105 24.4 3.6 43.6
51 38.3 9.4 49.4

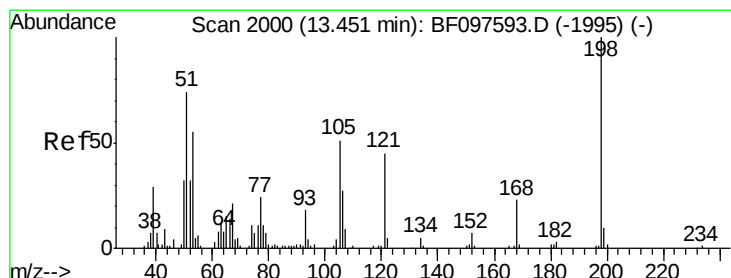
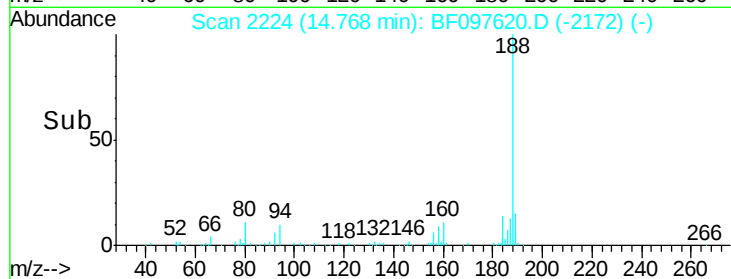
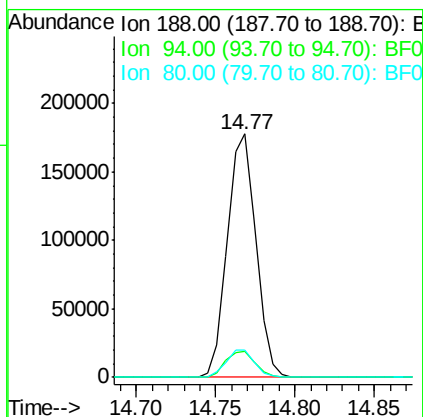
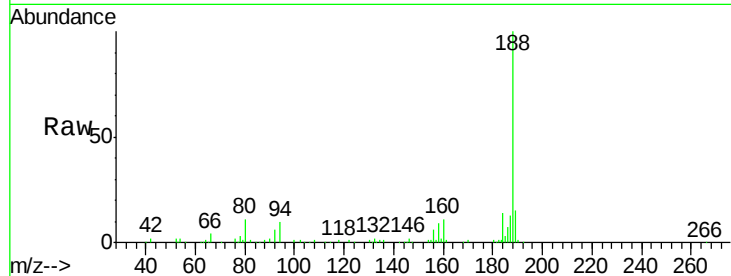




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

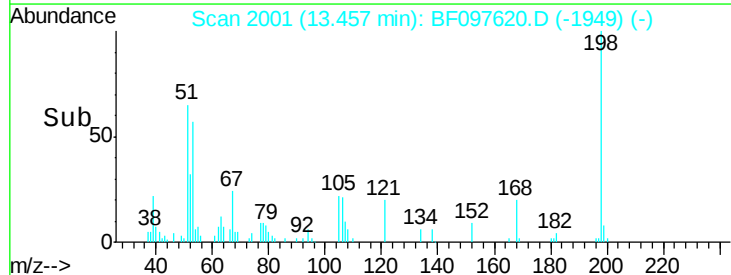
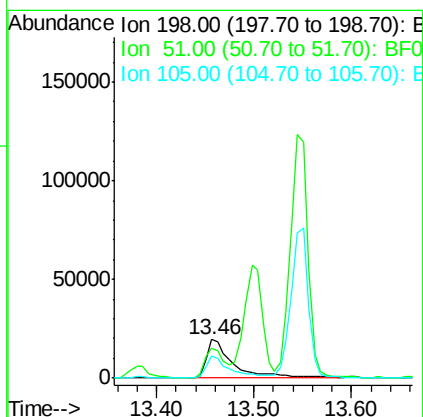
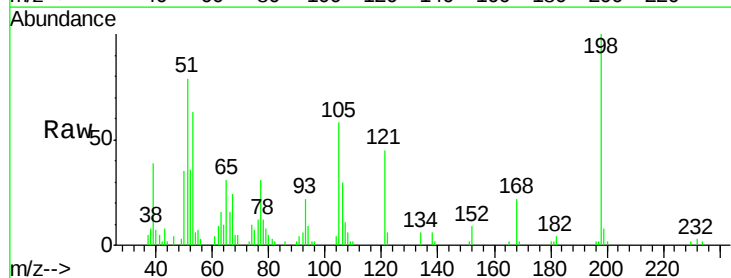
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

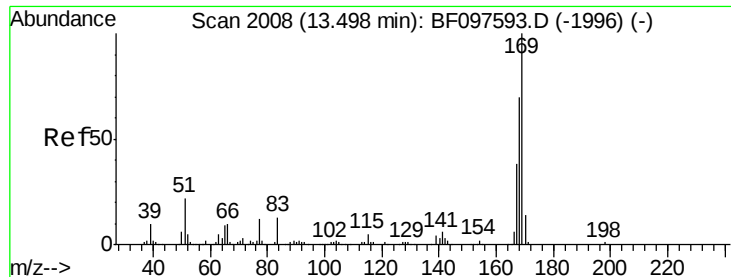
Tot Ion:188 Resp: 222091
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.0 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 27.40 ng
RT: 13.46 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:198 Resp: 37114
Ion Ratio Lower Upper
198 100
51 78.5 53.2 93.2
105 58.5 45.8 85.8

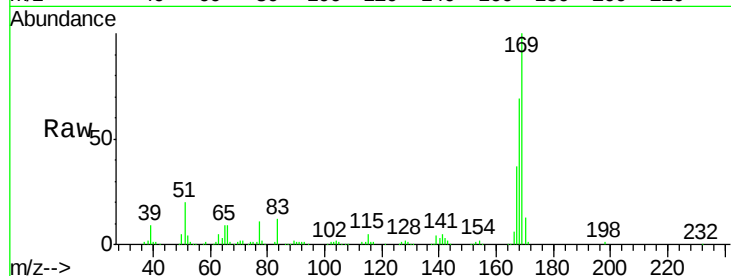




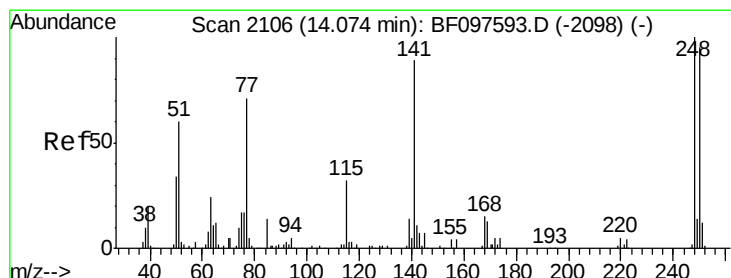
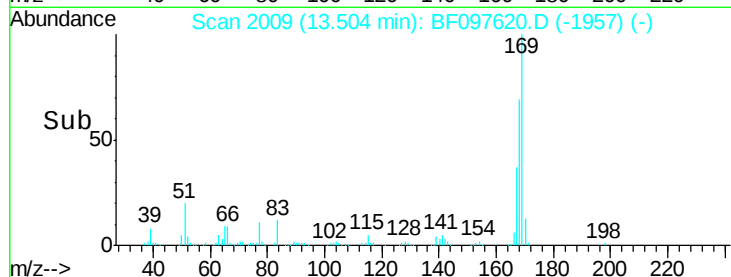
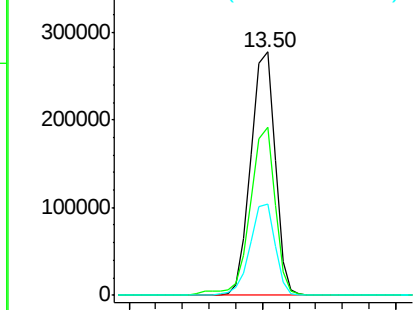
#65
n-Nitrosodiphenylamine
Concen: 42.39 ng
RT: 13.50 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:169 Resp: 347926
Ion Ratio Lower Upper
169 100
168 69.0 53.2 79.8
167 37.5 29.5 44.3

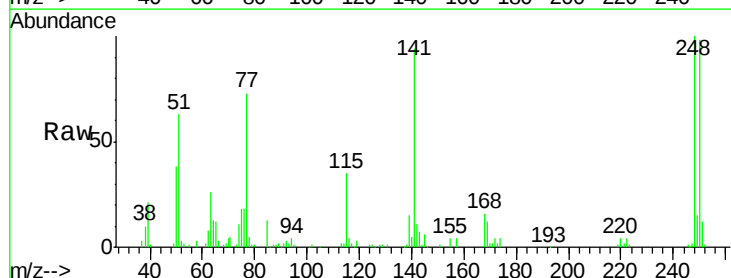


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

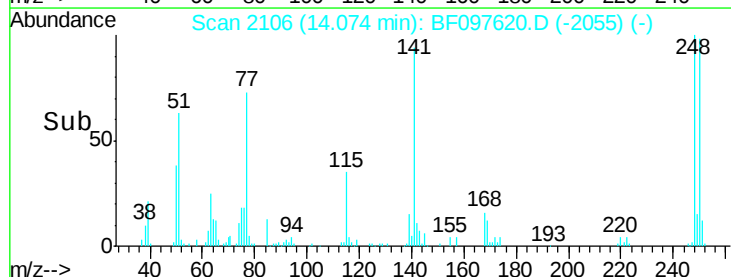
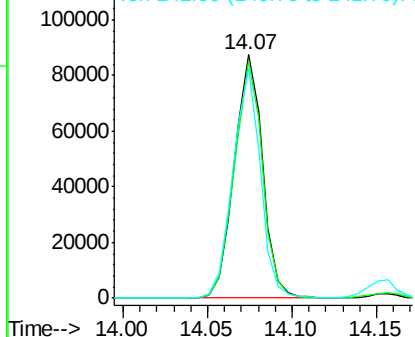


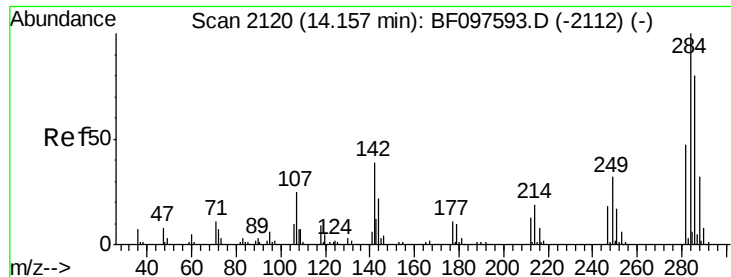
#66
4-Bromophenyl-phenylether
Concen: 44.01 ng
RT: 14.07 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:248 Resp: 101412
Ion Ratio Lower Upper
248 100
250 97.6 76.8 115.2
141 94.2 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

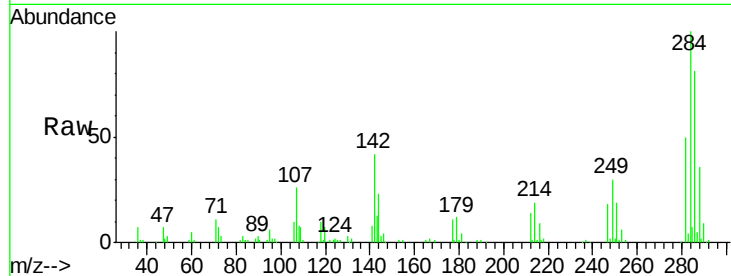




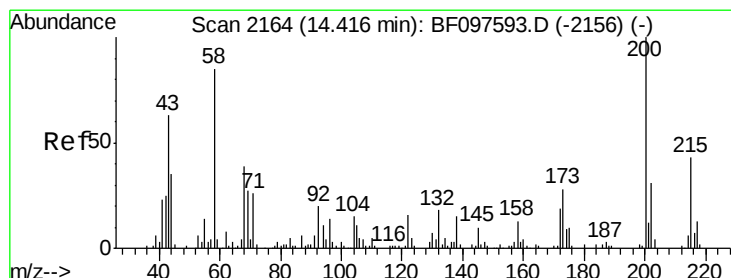
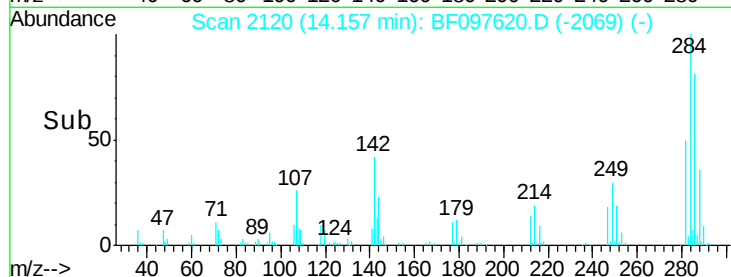
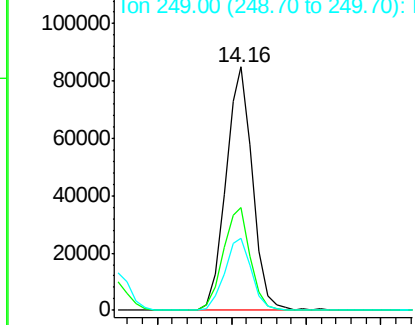
#67
Hexachlorobenzene
Concen: 42.25 ng
RT: 14.16 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 106037
Ion Ratio Lower Upper
284 100
142 42.1 22.8 34.2#
249 29.5 24.0 36.0

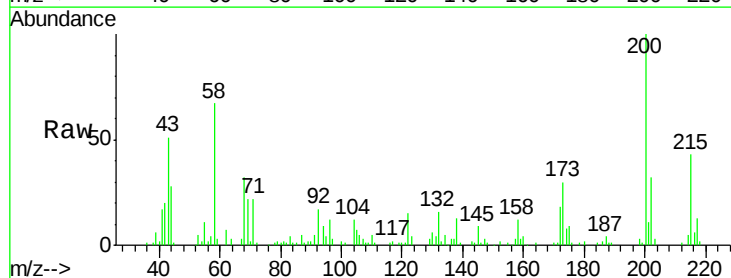


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

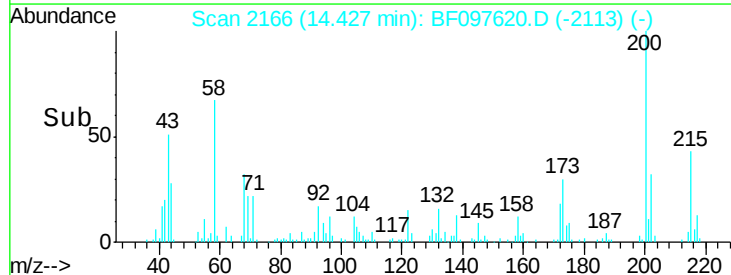
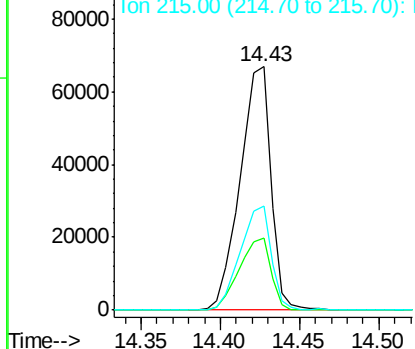


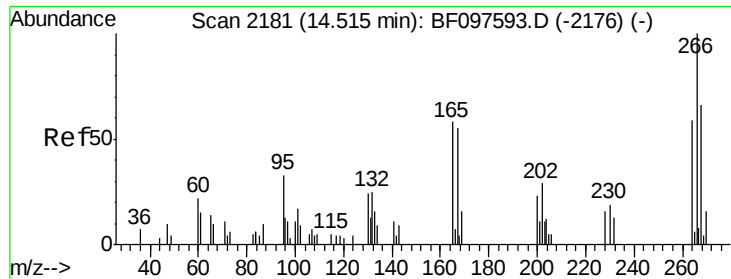
#68
Atrazine
Concen: 43.85 ng
RT: 14.43 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:200 Resp: 90294
Ion Ratio Lower Upper
200 100
173 29.7 6.3 46.3
215 42.6 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

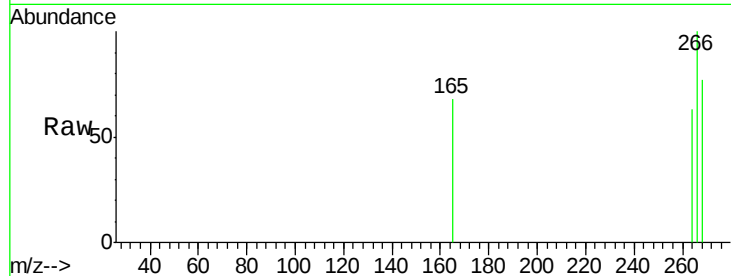




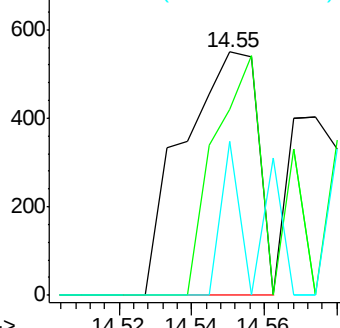
#69
 Pentachlorophenol
 Concen: 9.60 ng
 RT: 14.55 min Scan# 2187
 Delta R.T. 0.04 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

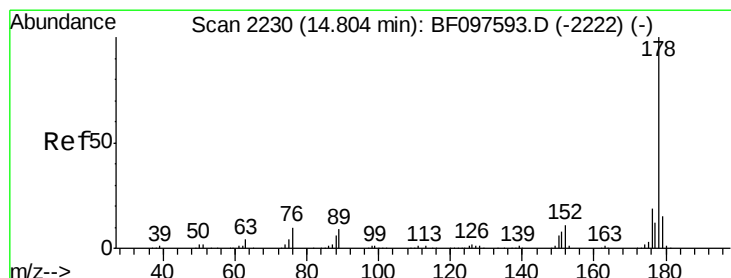
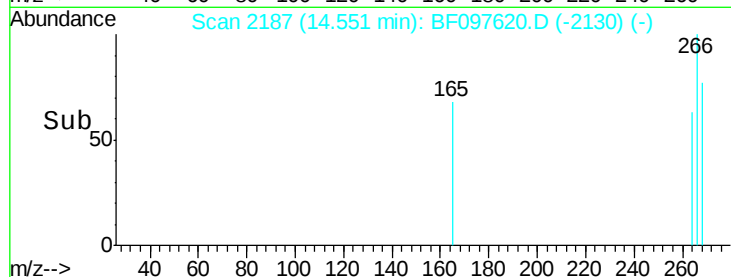
Tot Ion:266 Resp: 784
 Ion Ratio Lower Upper
 266 100
 268 76.5 51.1 76.7
 264 63.5 51.7 77.5



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

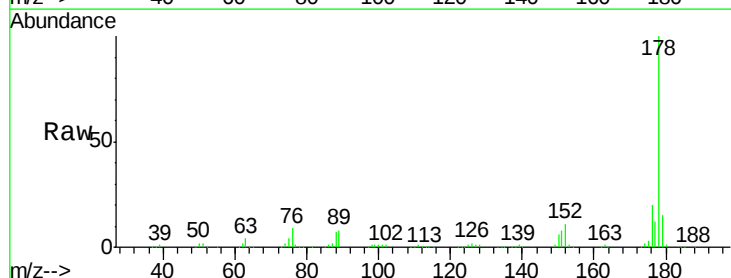


Time-->

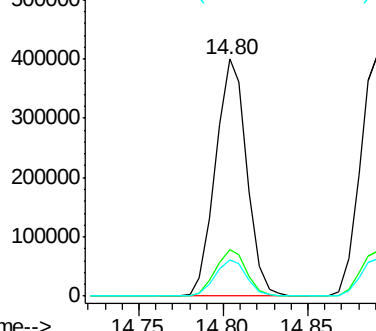


#70
 Phenanthrene
 Concen: 40.35 ng
 RT: 14.80 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

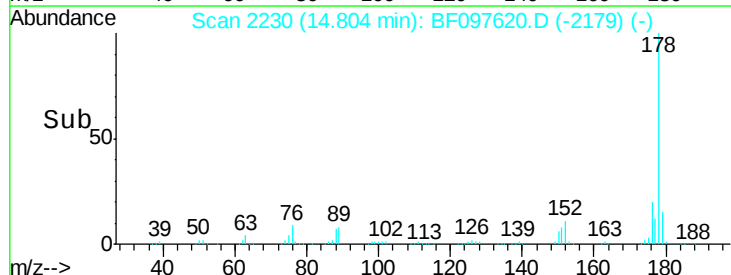
Tgt Ion:178 Resp: 516171
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.5 12.6 19.0

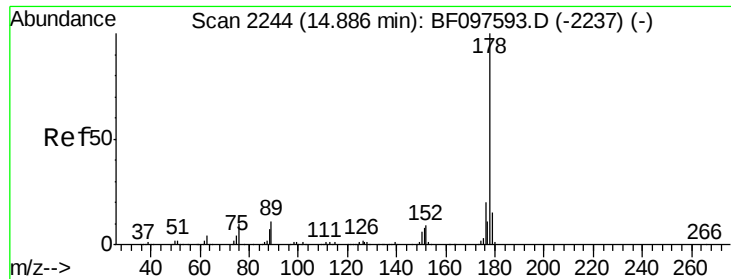


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->

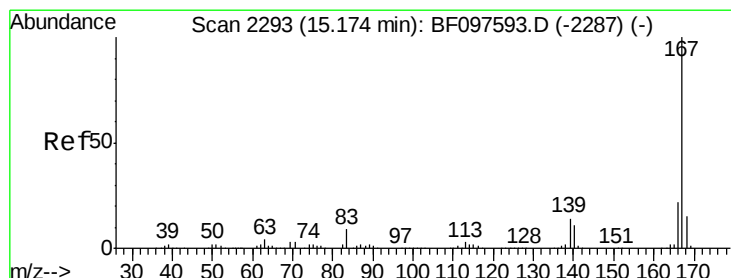
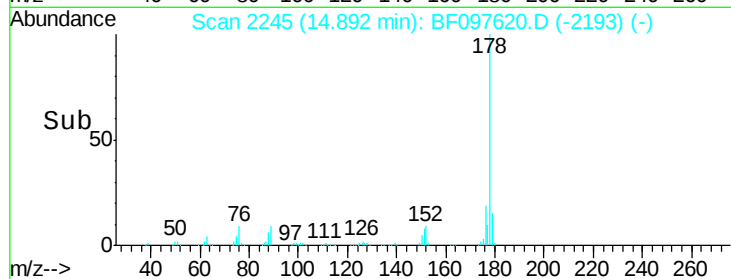
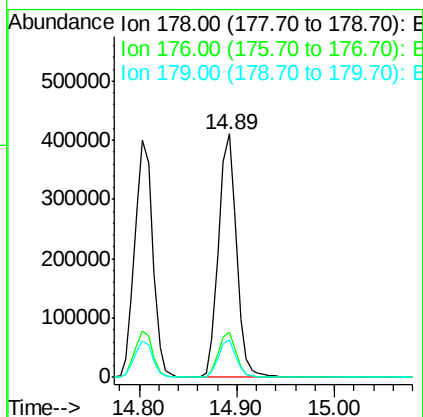
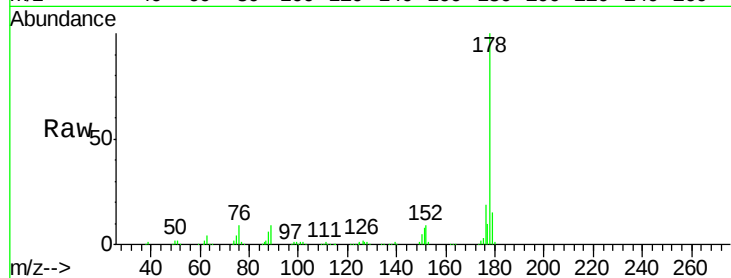




#71
 Anthracene
 Concen: 40.46 ng
 RT: 14.89 min Scan# 2245
 Delta R.T. 0.01 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

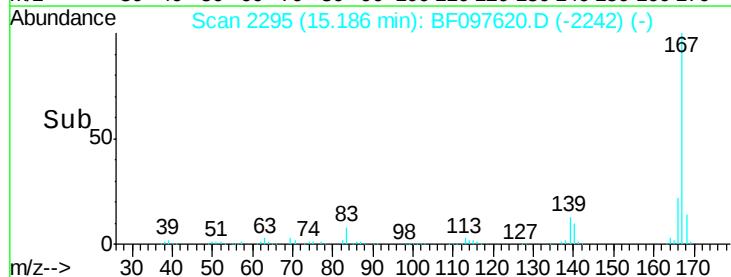
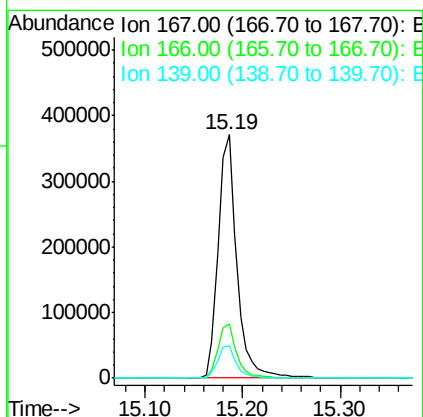
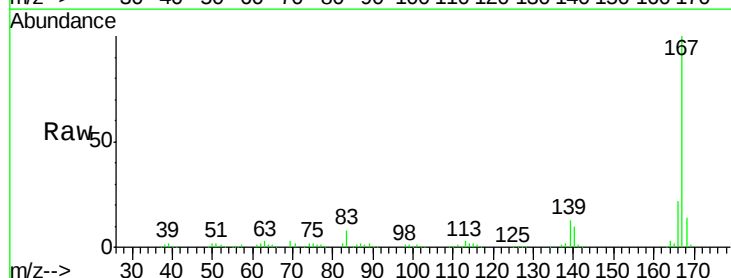
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

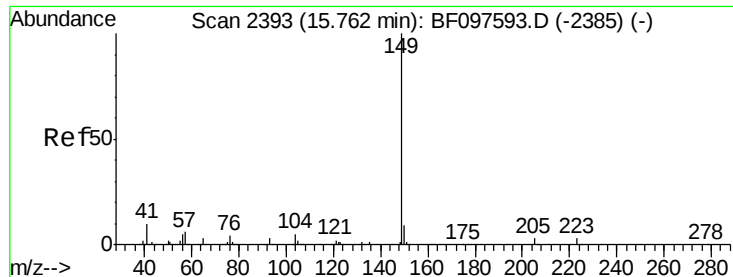
Tot Ion:178 Resp: 529556
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 39.69 ng
 RT: 15.19 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

Tgt Ion:167 Resp: 494480
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.1 11.7 17.5

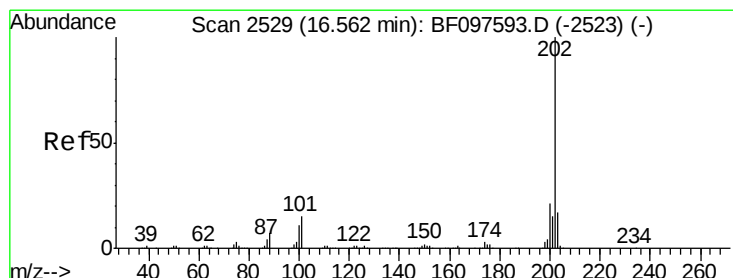
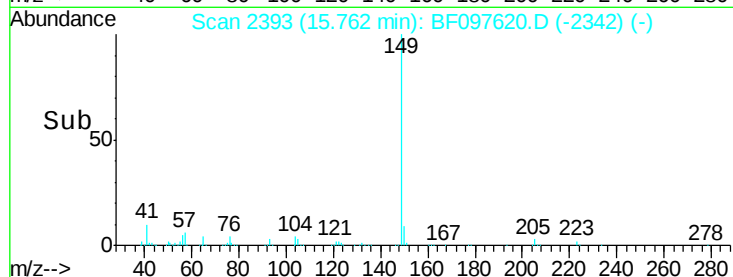
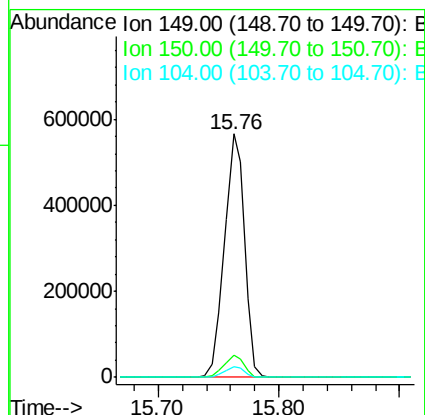
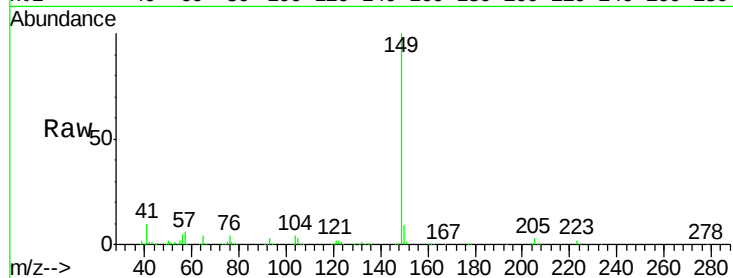




#73
Di-n-butylphthalate
Concen: 44.46 ng
RT: 15.76 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

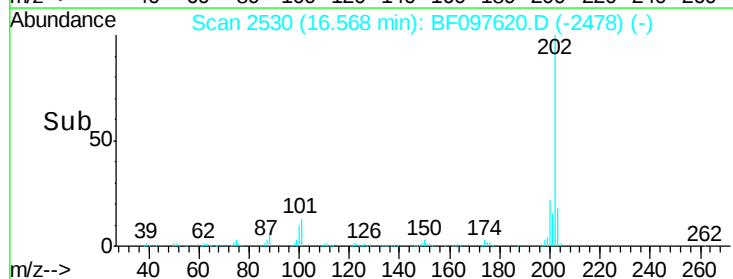
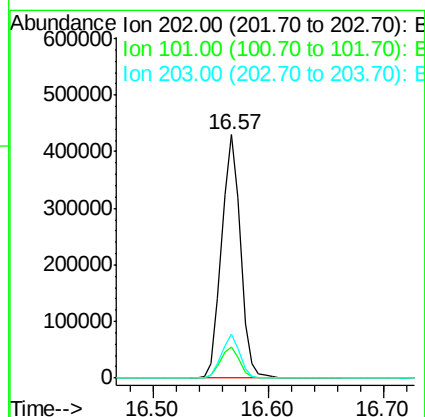
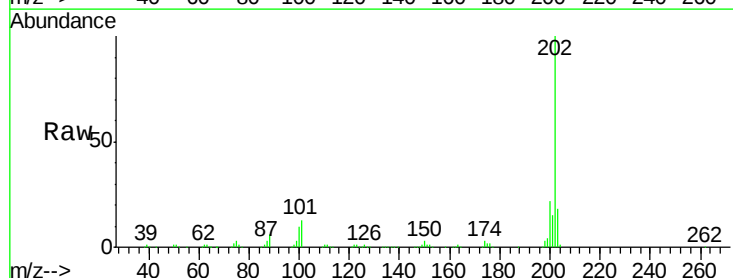
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

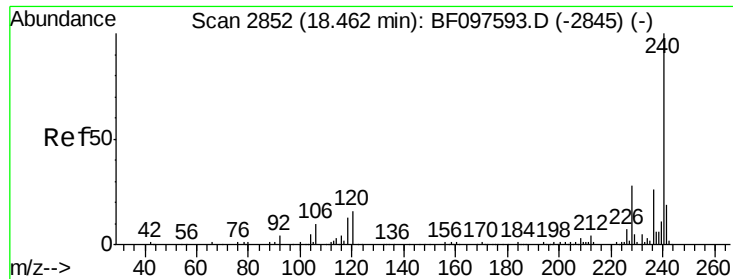
Tot Ion:149 Resp: 648449
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 42.37 ng
RT: 16.57 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:202 Resp: 489789
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.2
203 17.9 0.0 38.1

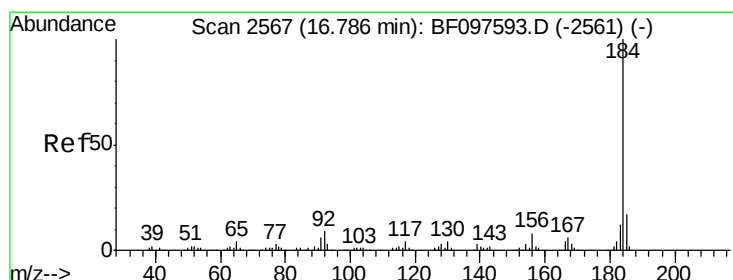
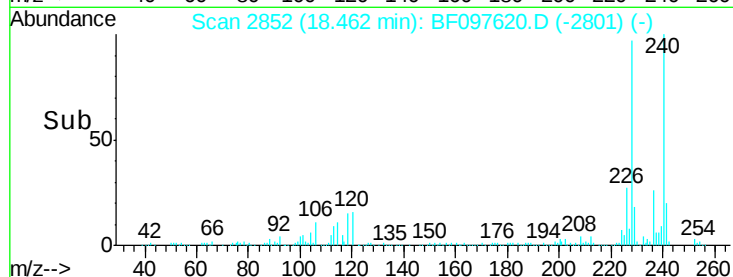
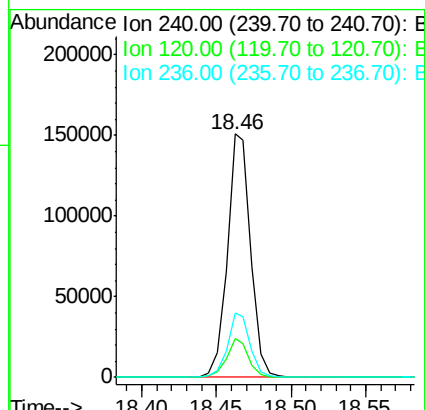
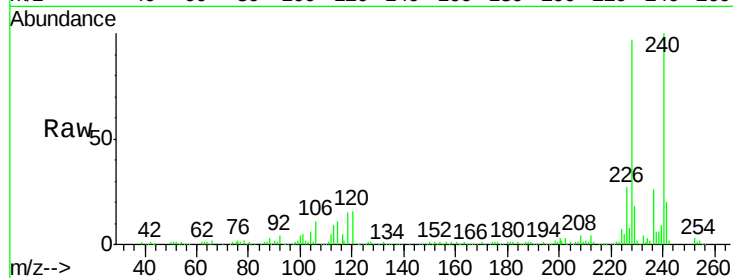




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

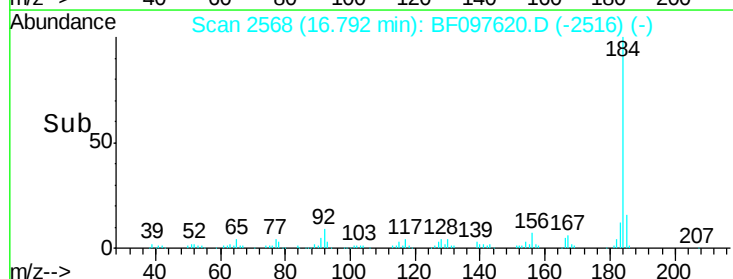
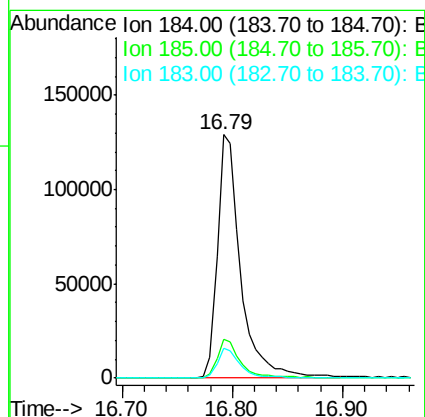
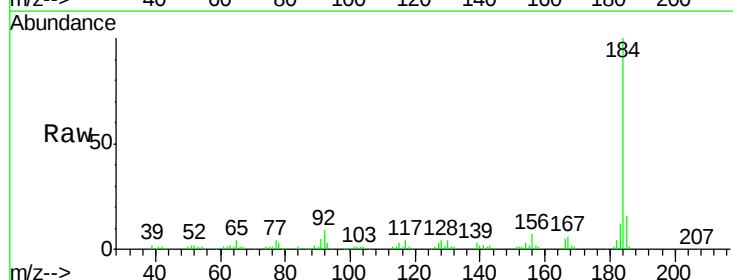
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

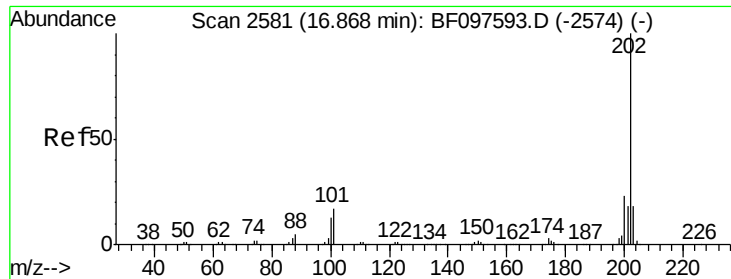
Tot Ion:240 Resp: 165945
Ion Ratio Lower Upper
240 100
120 16.1 5.8 8.8#
236 26.3 20.5 30.7



#76
Benzidine
Concen: 34.42 ng
RT: 16.79 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:184 Resp: 188215
Ion Ratio Lower Upper
184 100
185 16.0 15.5 23.3
183 12.1 9.8 14.6





#77

Pvrene

Concen: 36.64 ng

RT: 16.87 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

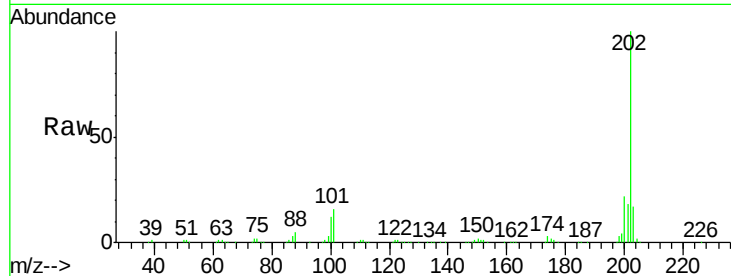
Tot Ion:202 Resp: 502817

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

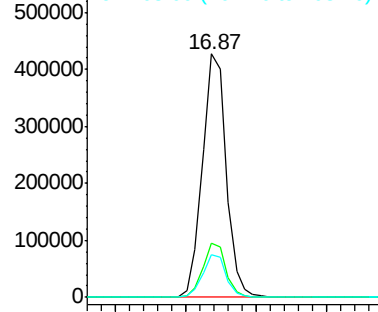
203 17.5 14.4 21.6



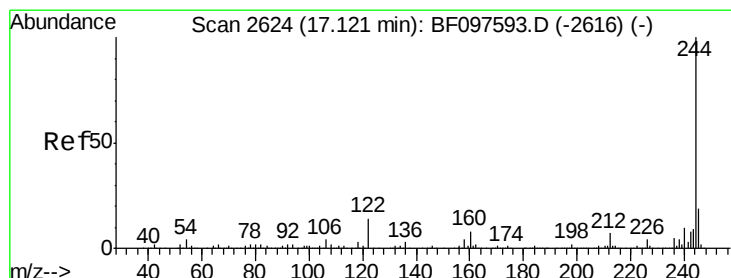
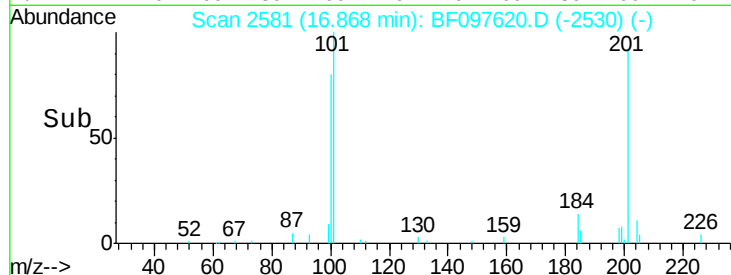
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 74.83 ng

RT: 17.12 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

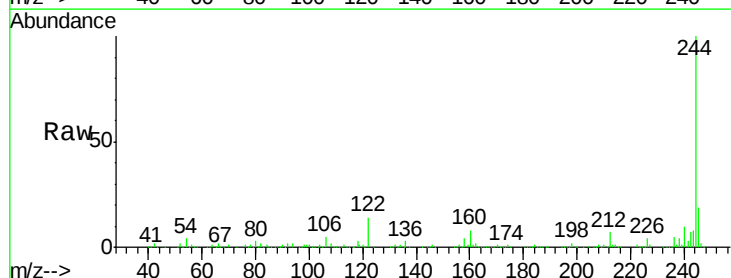
Tgt Ion:244 Resp: 599976

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

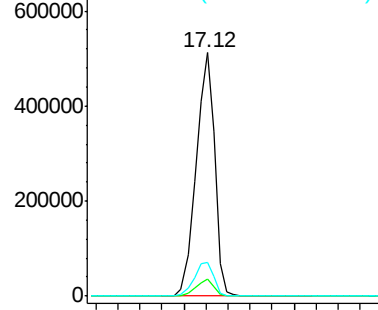
122 13.8 10.3 15.5



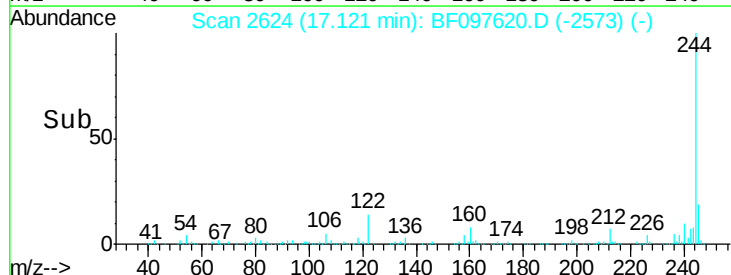
Abundance Ion 244.00 (243.70 to 244.70): E

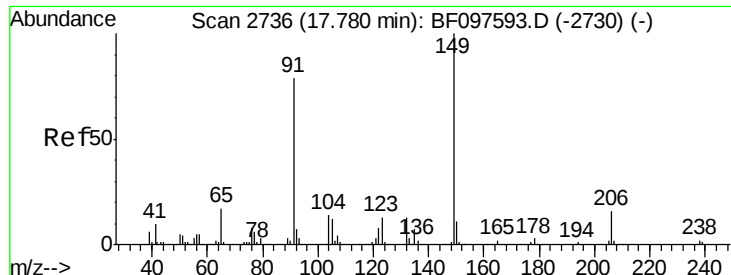
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

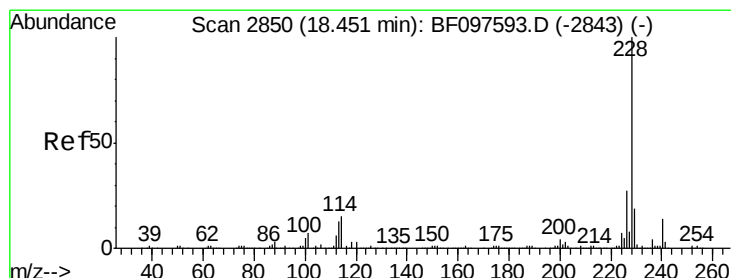
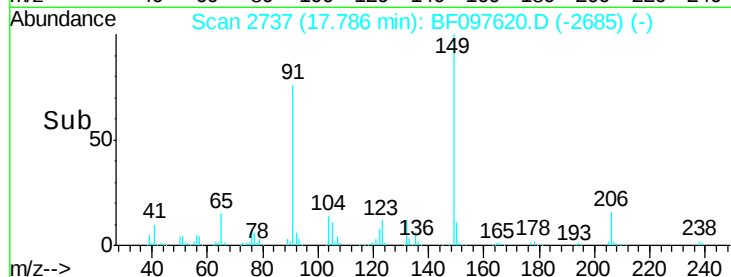
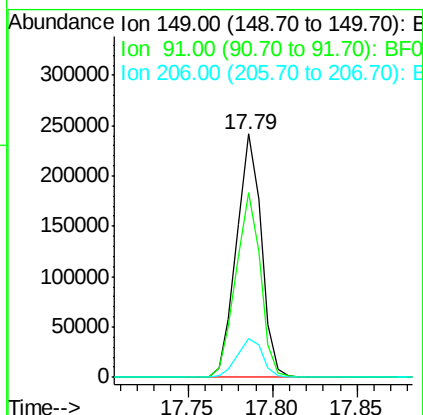
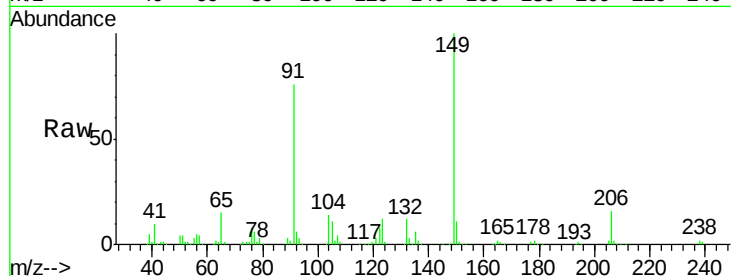




#79
Butylbenzylphthalate
Concen: 43.18 ng
RT: 17.79 min Scan# 2737
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

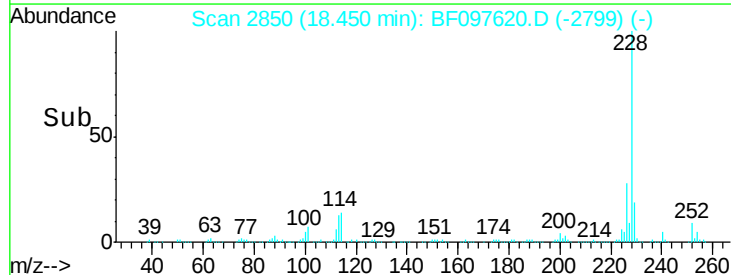
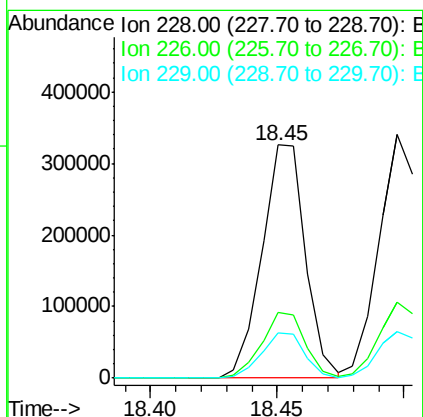
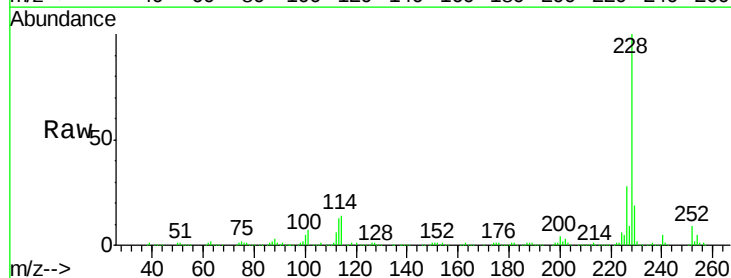
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

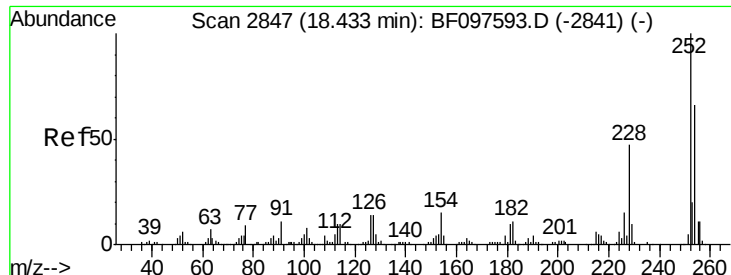
Tot Ion:149 Resp: 247716
Ion Ratio Lower Upper
149 100
91 75.8 45.0 67.4#
206 15.7 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 40.38 ng
RT: 18.45 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:228 Resp: 391336
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.4 16.3 24.5

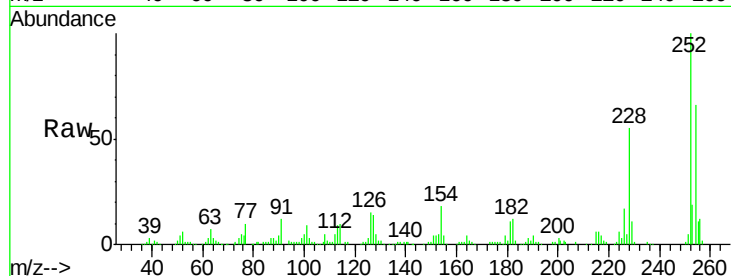




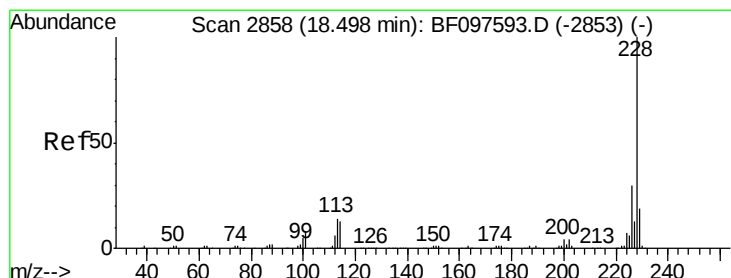
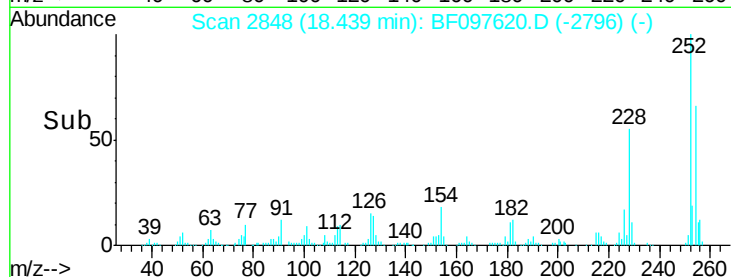
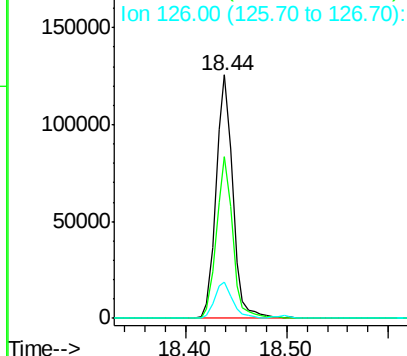
#81
 3,3'-Dichlorobenzidine
 Concen: 43.28 ng
 RT: 18.44 min Scan# 2848
 Delta R.T. 0.01 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 144674
 Ion Ratio Lower Upper
 252 100
 254 66.4 51.5 77.3
 126 15.2 15.8 23.8#

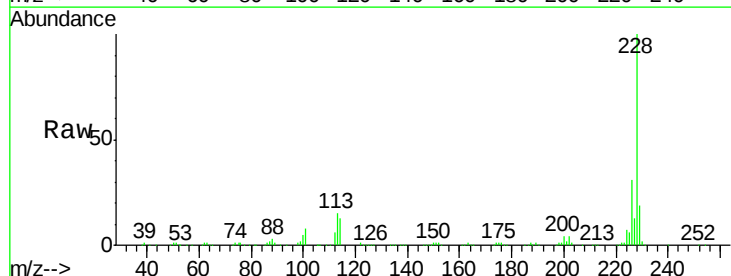


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

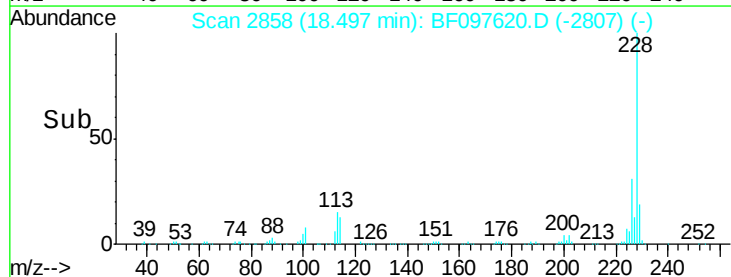
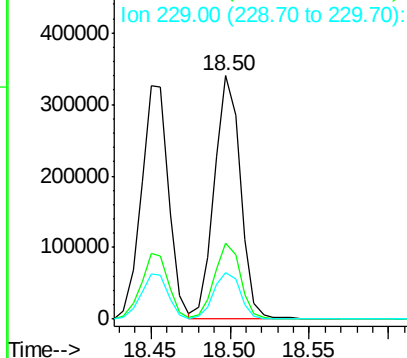


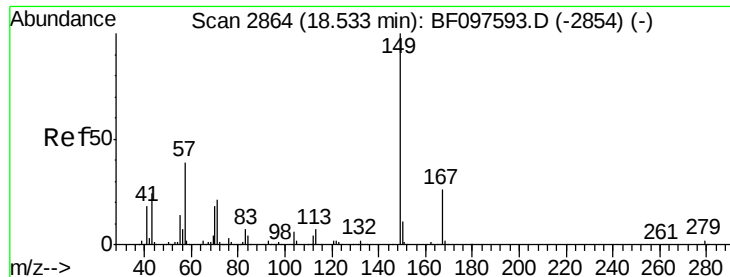
#82
 Chrysene
 Concen: 40.34 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

Tgt Ion:228 Resp: 388853
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 19.2 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: 43.68 ng

RT: 18.54 min Scan# 2865

Delta R.T. 0.01 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

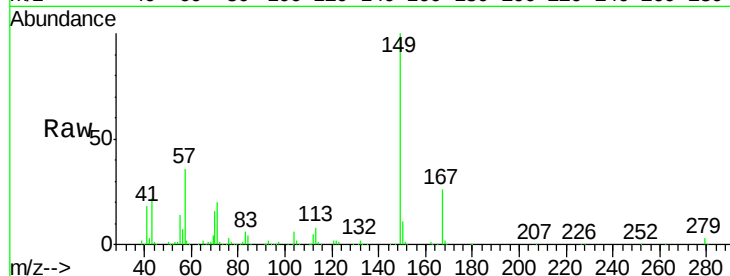
Tot Ion:149 Resp: 356444

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

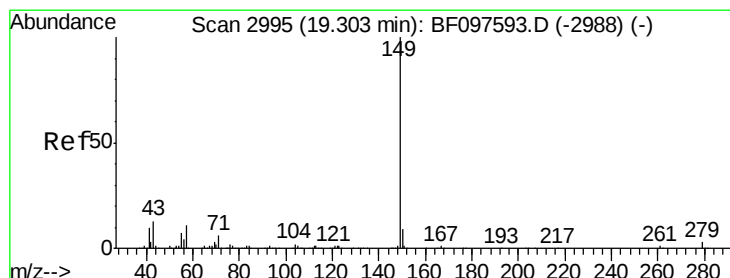
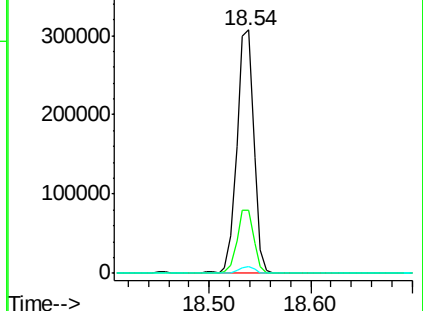
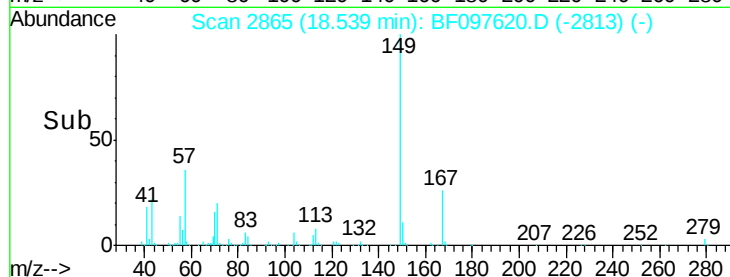
279 2.8 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.09 ng

RT: 19.30 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BF097620.D

Acq: 12 Aug 2017 4:58

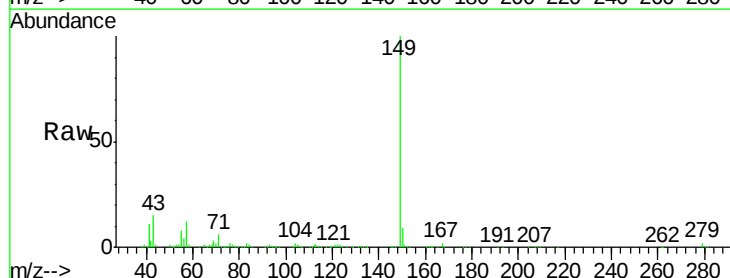
Tgt Ion:149 Resp: 585461

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

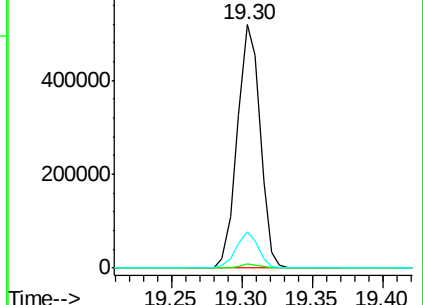
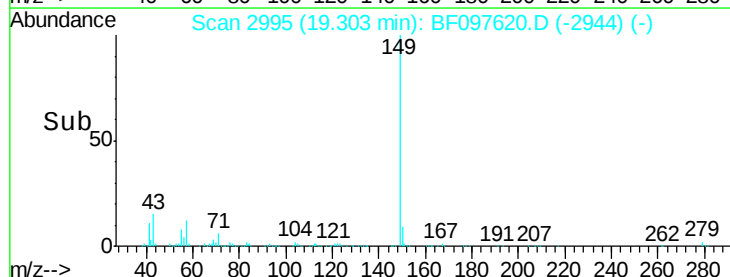
43 14.3 8.5 12.7#

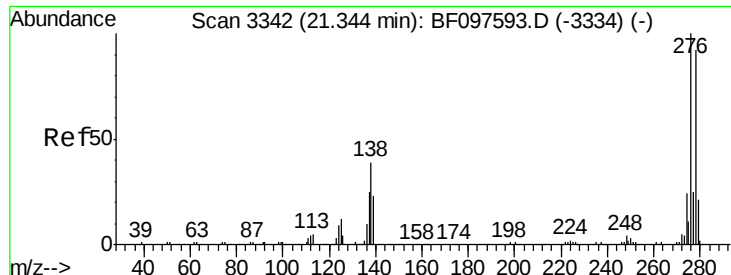


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

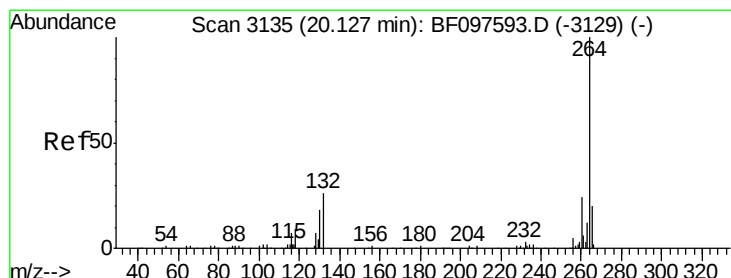
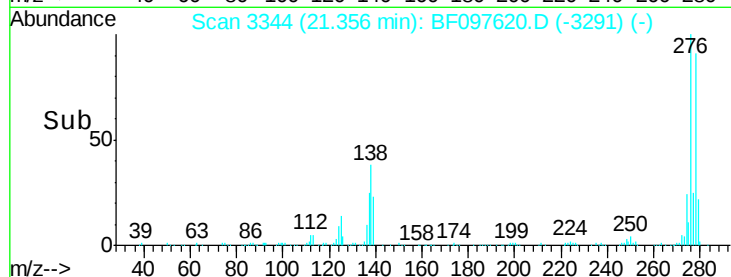
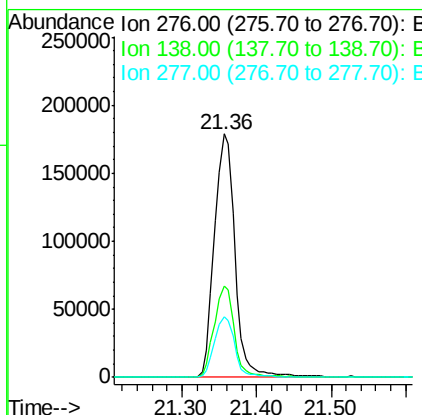
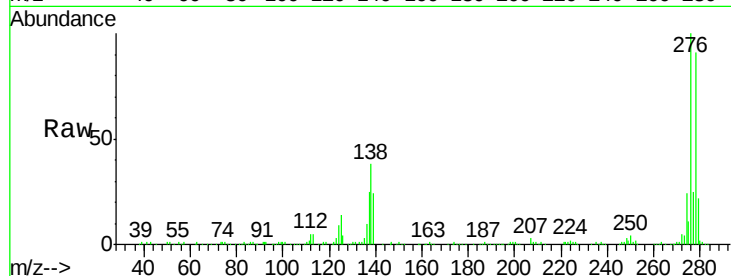




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.98 ng
 RT: 21.36 min Scan# 3344
 Delta R.T. 0.01 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

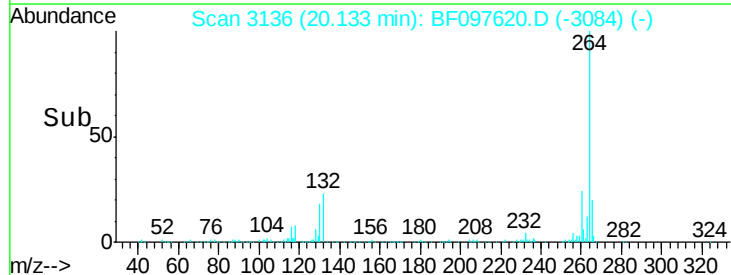
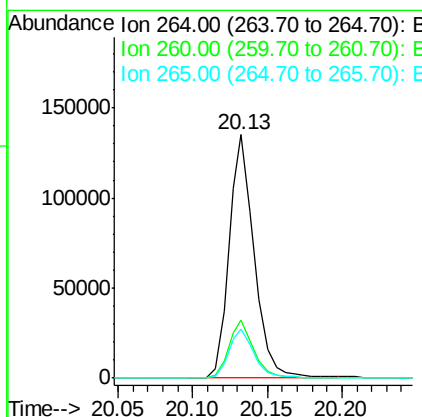
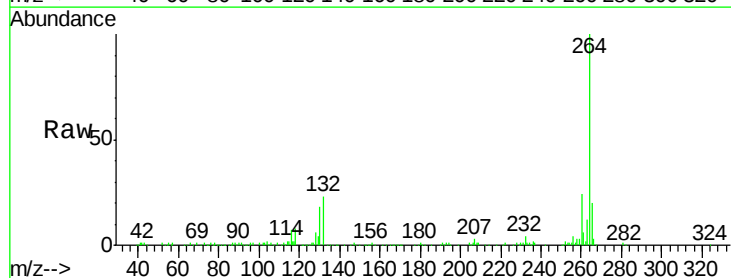
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

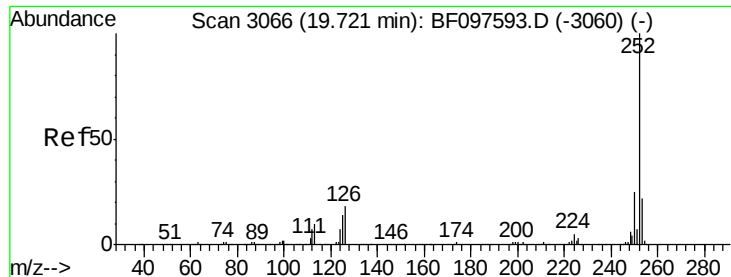
Tot Ion:276 Resp: 344757
 Ion Ratio Lower Upper
 276 100
 138 36.4 27.8 41.6
 277 24.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.13 min Scan# 3136
 Delta R.T. 0.01 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

Tgt Ion:264 Resp: 160019
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 20.0 17.2 25.8

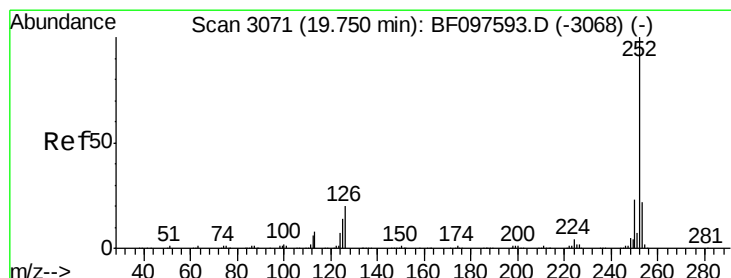
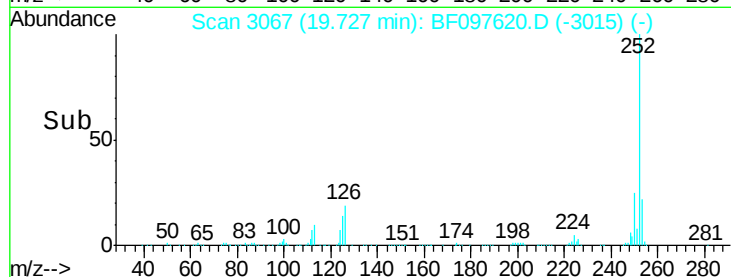
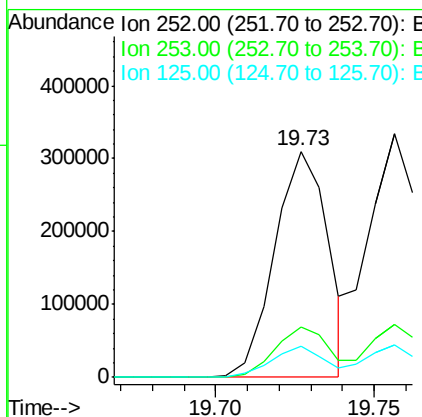
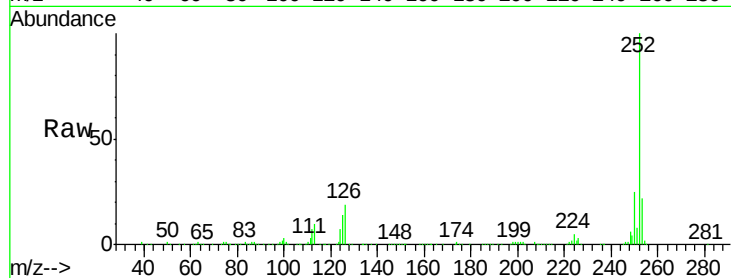




#87
Benzo(b)fluoranthene
Concen: 37.96 ng
RT: 19.73 min Scan# 3067
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

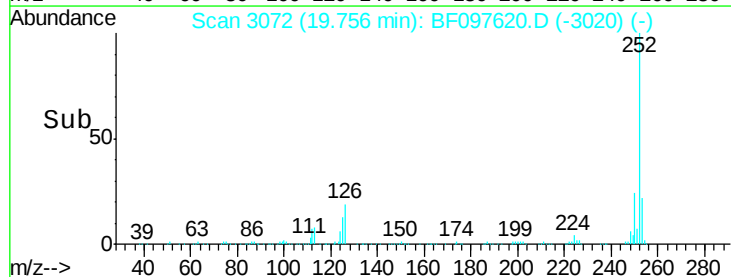
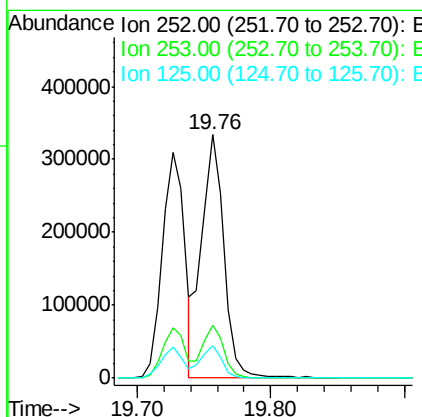
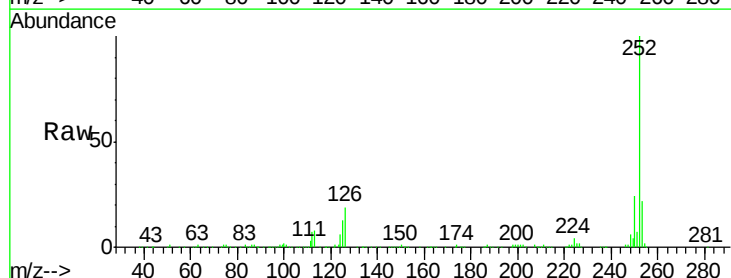
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

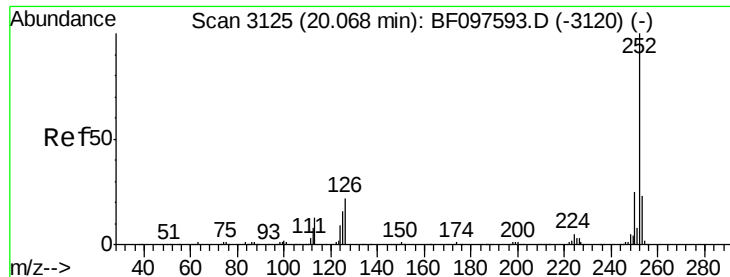
Tot Ion:252 Resp: 364729
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 13.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.80 ng
RT: 19.76 min Scan# 3072
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:252 Resp: 385168
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 13.3 13.1 19.7

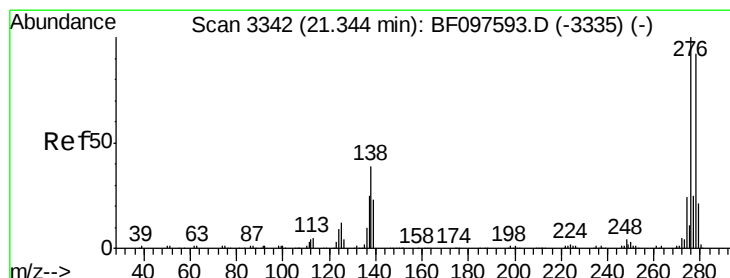
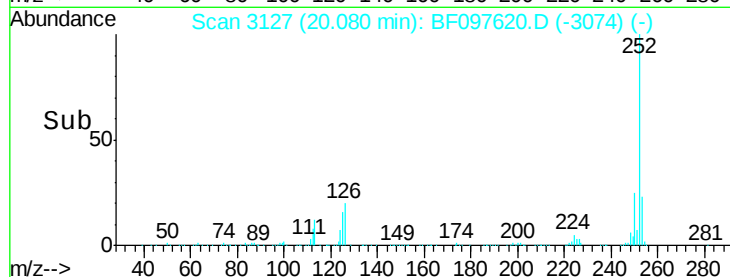
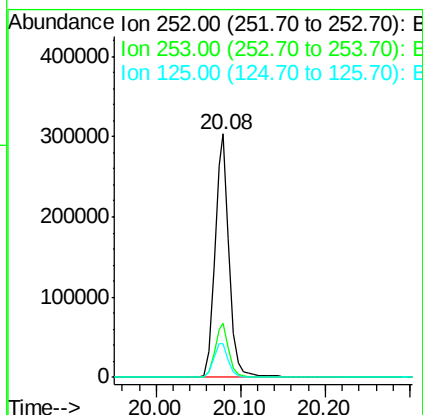
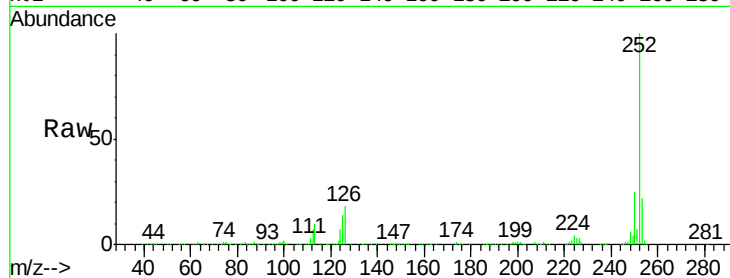




#89
Benzo(a)pyrene
Concen: 40.91 ng
RT: 20.08 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

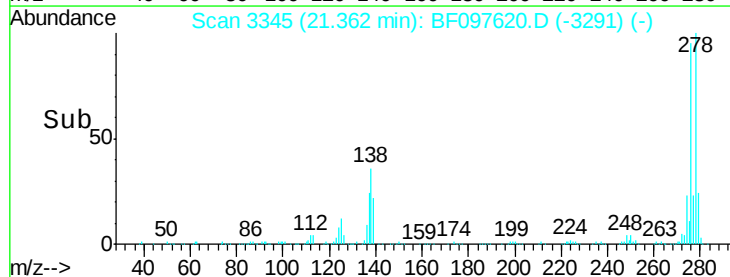
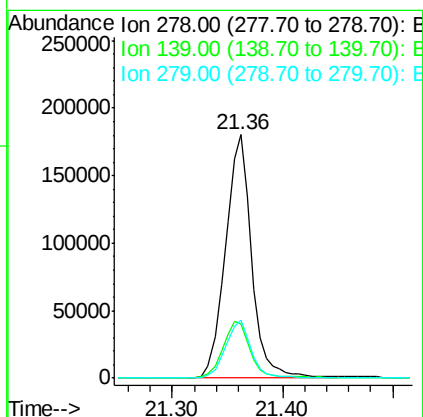
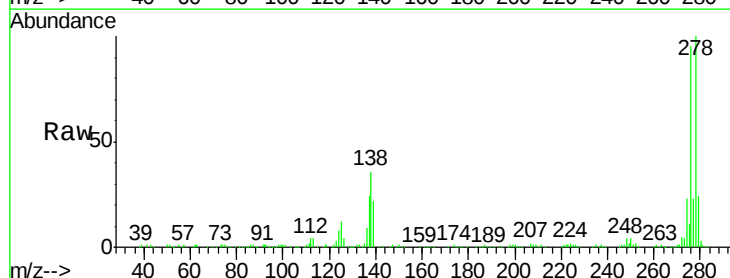
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

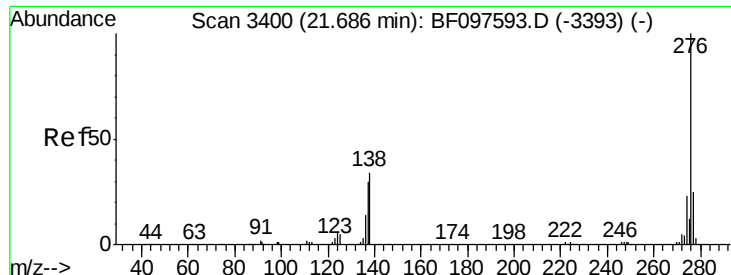
Tot Ion:252 Resp: 360844
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 13.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 47.58 ng
RT: 21.36 min Scan# 3345
Delta R.T. 0.02 min
Lab File: BF097620.D
Acq: 12 Aug 2017 4:58

Tgt Ion:278 Resp: 300469
Ion Ratio Lower Upper
278 100
139 22.1 16.6 24.8
279 23.6 19.3 28.9

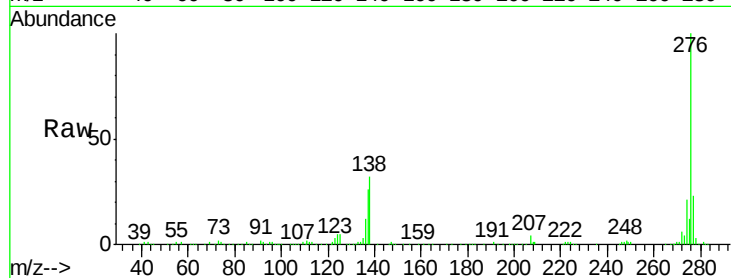




#91
 Benzo(a,h,i)perylene
 Concen: 43.05 ng
 RT: 21.70 min Scan# 3403
 Delta R.T. 0.02 min
 Lab File: BF097620.D
 Acq: 12 Aug 2017 4:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	32.1	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

