

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097249.D
 Acq On : 2 Aug 2017 2:48
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 02 03:58:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	132504	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	550262	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	220416	20.00	ng	-0.04
63) Phenanthrene-d10	10.97	188	324606	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	215961	20.00	ng	-0.04
86) Perylene-d12	14.93	264	205877	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.06	112	711489	80.95	ng	-0.03
7) Phenol-d6	6.15	99	769725	76.71	ng	-0.02
23) Nitrobenzene-d5	7.04	82	776646	82.80	ng	-0.04
41) 2,4,6-Tribromophenol	10.29	330	117293	67.35	ng	-0.04
44) 2-Fluorobiphenyl	8.83	172	1024100	78.85	ng	-0.03
78) Terphenyl-d14	12.55	244	743737	70.22	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.95	88	155945	42.51	ng	# 75
3) Pyridine	2.56	79	403675	35.94	ng	# 63
4) n-Nitrosodimethylamine	2.53	42	235378	37.83	ng	81
6) Aniline	6.13	93	509030	40.31	ng	93
8) 2-Chlorophenol	6.26	128	344231	36.63	ng	93
9) Benzaldehyde	6.01	77	237938	40.06	ng	97
10) Phenol	6.16	94	463788	38.97	ng	93
11) bis(2-Chloroethyl)ether	6.21	93	333303	35.41	ng	89
12) 1,3-Dichlorobenzene	6.40	146	393397	38.84	ng	98
13) 1,4-Dichlorobenzene	6.48	146	394191	39.27	ng	95
14) 1,2-Dichlorobenzene	6.64	146	330343	37.69	ng	97
15) Benzyl Alcohol	6.63	79	253494	39.90	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.76	45	715581	37.90	ng	50
17) 2-Methylphenol	6.76	107	282476	38.94	ng	# 88
18) Hexachloroethane	6.97	117	132190	36.00	ng	# 83
19) n-Nitroso-di-n-propylamine	6.90	70	262225	39.70	ng	# 83
20) 3+4-Methylphenols	6.92	107	391464	41.32	ng	# 63
22) Acetophenone	6.89	105	505034	38.22	ng	# 98
24) Nitrobenzene	7.06	77	398960	40.84	ng	92
25) Isophorone	7.30	82	688635	37.49	ng	97
26) 2-Nitrophenol	7.37	139	197158	37.30	ng	# 86
27) 2,4-Dimethylphenol	7.44	122	317711	36.44	ng	96
28) bis(2-Chloroethoxy)methane	7.52	93	484815	40.44	ng	99
29) 2,4-Dichlorophenol	7.63	162	278228	37.04	ng	96
30) 1,2,4-Trichlorobenzene	7.70	180	267610	37.38	ng	97
31) Naphthalene	7.77	128	979577	37.77	ng	99
32) Benzoic acid	7.60	122	198265	30.45	ng	94
33) 4-Chloroaniline	7.83	127	414231	39.25	ng	100
34) Hexachlorobutadiene	7.90	225	142243	37.48	ng	97
35) Caprolactam	8.22	113	101977	42.34	ng	# 48
36) 4-Chloro-3-methylphenol	8.34	107	334904	40.87	ng	88
37) 2-Methylnaphthalene	8.46	142	645272	39.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	243432	41.39	ng	99
40) Hexachlorocyclopentadiene	8.62	237	23516	17.08	ng	100

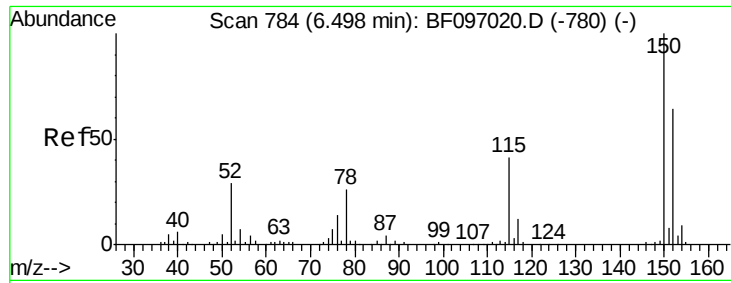
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	168292	39.49	nq	98
43) 2,4,5-Trichlorophenol	8.80	196	165075	38.70	nq	98
45) 1,1'-Biphenyl	8.93	154	744355	39.54	nq	98
46) 2-Chloronaphthalene	8.95	162	546348	39.44	nq	93
47) 2-Nitroaniline	9.06	65	211702	42.11	nq	95
48) Acenaphthylene	9.36	152	797468	37.50	nq	99
49) Dimethylphthalate	9.24	163	682481	40.77	nq	99
50) 2,6-Dinitrotoluene	9.30	165	140991	39.72	nq	# 68
51) Acenaphthene	9.53	154	484927	38.71	nq	98
52) 3-Nitroaniline	9.47	138	174673	39.64	nq	93
53) 2,4-Dinitrophenol	9.59	184	16741	10.37	nq	# 73
54) Dibenzofuran	9.70	168	640475	38.39	nq	96
55) 4-Nitrophenol	9.66	139	79800	30.45	nq	# 61
56) 2,4-Dinitrotoluene	9.70	165	155090	38.00	nq	# 54
57) Fluorene	10.04	166	476670	38.01	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.83	232	102619	34.84	nq	98
59) Diethylphthalate	9.93	149	623905	40.63	nq	99
60) 4-Chlorophenyl-phenylether	10.04	204	208190	40.20	nq	94
61) 4-Nitroaniline	10.08	138	150070	35.84	nq	92
62) Azobenzene	10.20	77	570500	40.05	nq	93
64) 4,6-Dinitro-2-methylphenol	10.12	198	38510	19.09	nq	83
65) n-Nitrosodiphenylamine	10.16	169	464897	41.16	nq	97
66) 4-Bromophenyl-phenylether	10.52	248	133088	41.08	nq	99
67) Hexachlorobenzene	10.59	284	138995	38.26	nq	# 91
68) Atrazine	10.69	200	127186	39.27	nq	93
69) Pentachlorophenol	10.79	266	43131	28.70	nq	96
70) Phenanthrene	10.99	178	656709	37.76	nq	99
71) Anthracene	11.05	178	661754	37.15	nq	99
72) Carbazole	11.20	167	655752	37.43	nq	99
73) Di-n-butylphthalate	11.55	149	884373	40.84	nq	99
74) Fluoranthene	12.17	202	615224	36.11	nq	98
76) Benzidine	12.30	184	294215	36.72	nq	# 93
77) Pyrene	12.40	202	635992	35.97	nq	100
79) Butylbenzylphthalate	13.03	149	335410	37.30	nq	# 72
80) Benzo(a)anthracene	13.58	228	531474	38.03	nq	98
81) 3,3'-Dichlorobenzidine	13.55	252	209873	39.83	nq	# 95
82) Chrysene	13.62	228	519500	38.07	nq	99
83) Bis(2-ethylhexyl)phthalate	13.60	149	422852	36.01	nq	100
84) Di-n-octyl phthalate	14.20	149	800241	37.14	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.15	276	381260	32.59	nq	97
87) Benzo(b)fluoranthene	14.58	252	480081	38.79	nq	97
88) Benzo(k)fluoranthene	14.58	252	480081	40.71	nq	96
89) Benzo(a)pyrene	14.89	252	441335	38.96	nq	97
90) Dibenzo(a,h)anthracene	16.16	278	312909	33.69	nq	97
91) Benzo(g,h,i)perylene	16.51	276	313979	32.23	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.04 min

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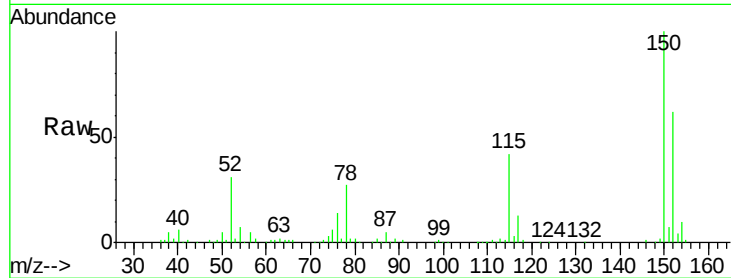
Tot Ion:152 Resp: 132504

Ion Ratio Lower Upper

152 100

150 160.3 126.2 189.2

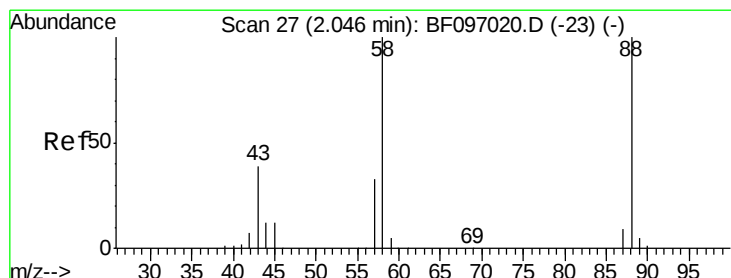
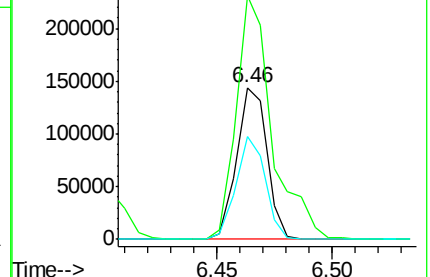
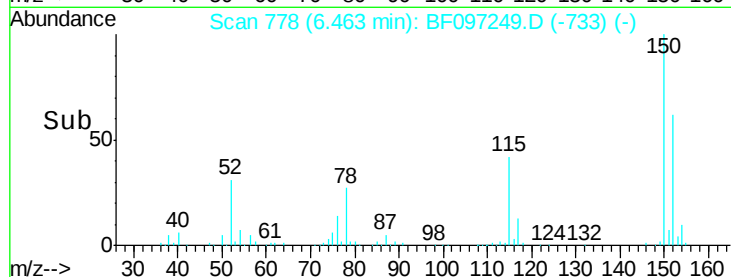
115 67.7 52.2 78.2



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: 42.51 ng

RT: 1.95 min Scan# 11

Delta R.T. -0.09 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

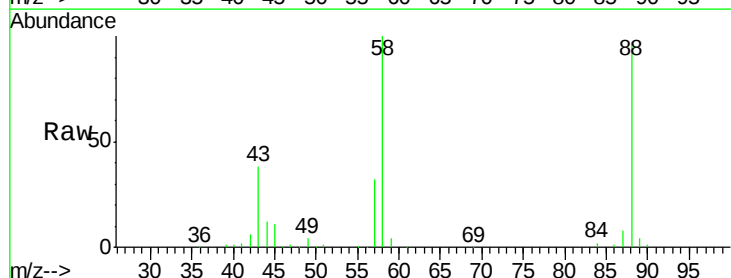
Tgt Ion: 88 Resp: 155945

Ion Ratio Lower Upper

88 100

58 100.1 61.4 92.0#

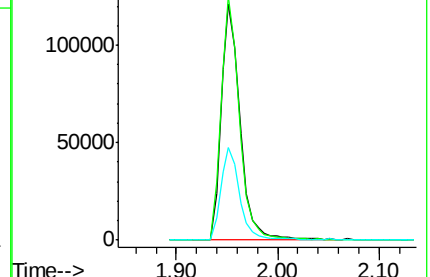
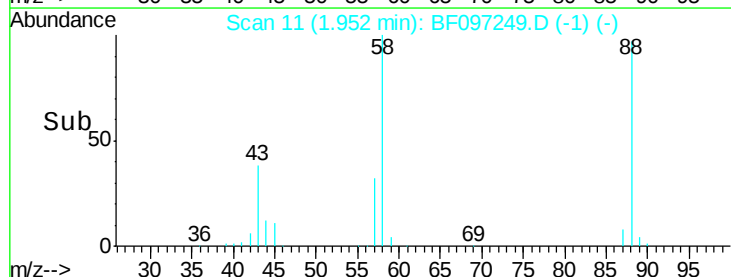
43 39.2 23.4 35.0#

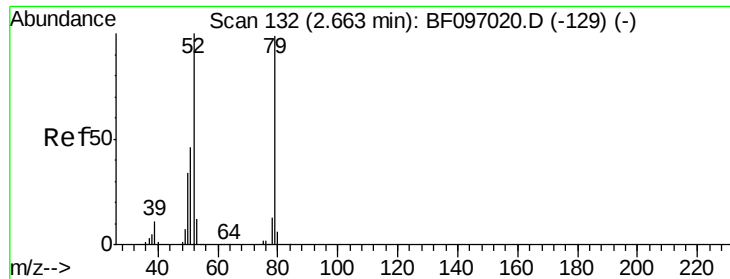


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.94 ng

RT: 2.56 min Scan# 114

Delta R.T. -0.11 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

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SSTDCCC040

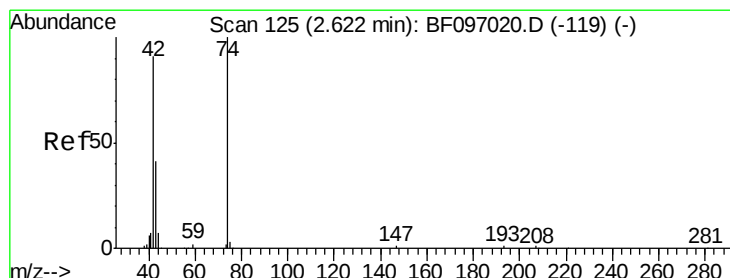
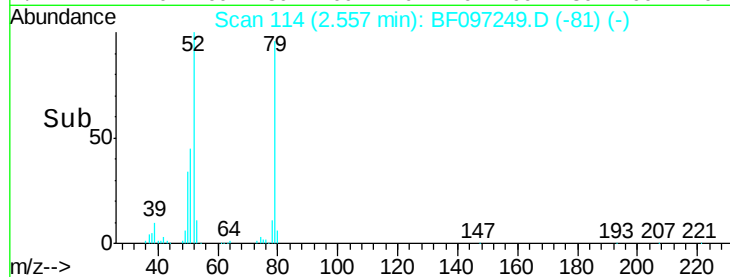
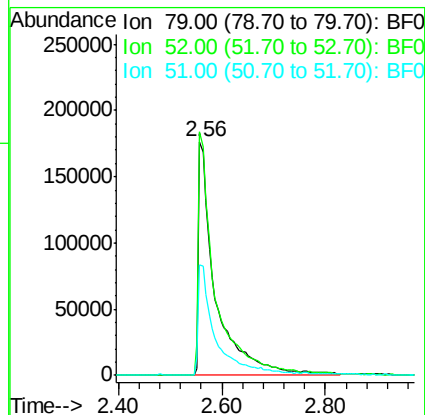
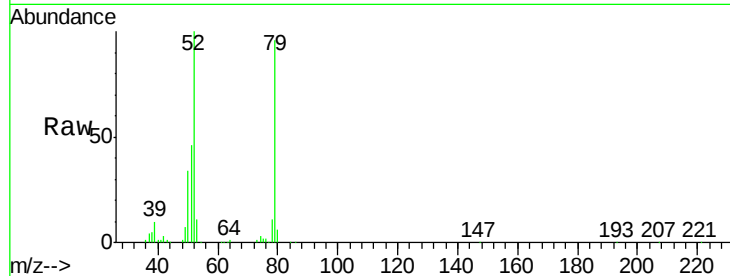
Tot Ion: 79 Resp: 403675

Ion Ratio Lower Upper

79 100

52 104.1 54.8 82.2#

51 47.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 37.83 ng

RT: 2.53 min Scan# 110

Delta R.T. -0.09 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

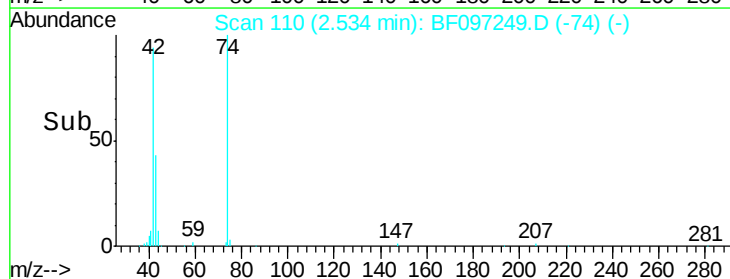
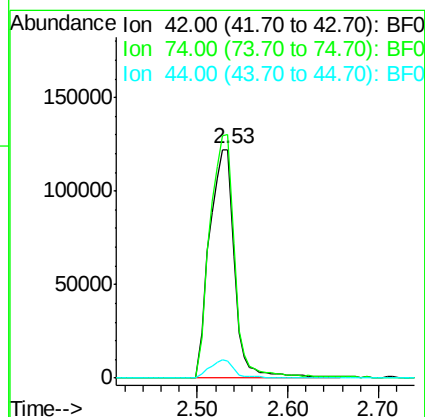
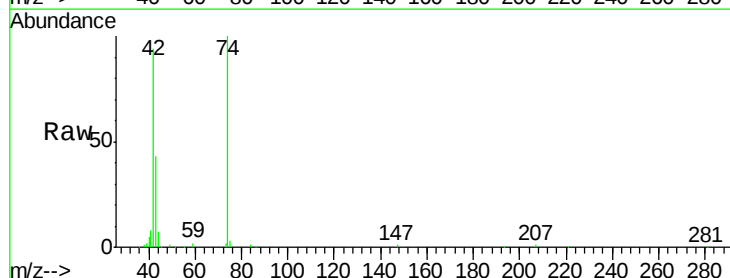
Tgt Ion: 42 Resp: 235378

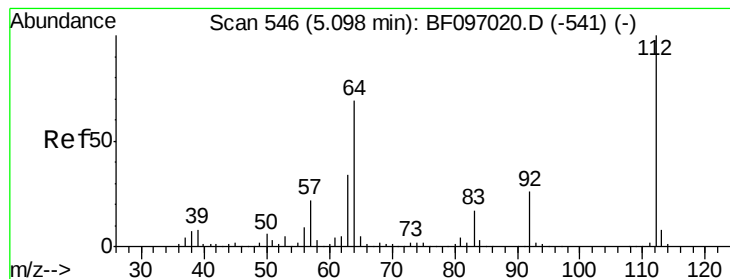
Ion Ratio Lower Upper

42 100

74 106.4 103.9 155.9

44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 80.95 ng

RT: 5.06 min Scan# 540

Delta R.T. -0.03 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

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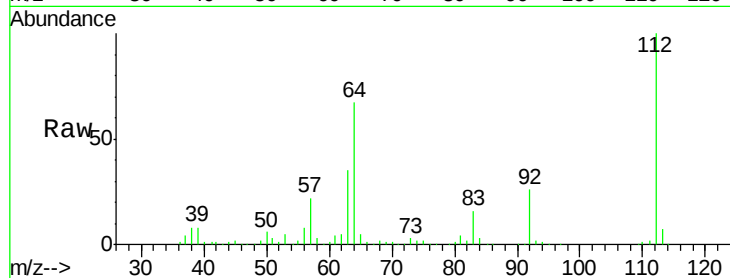
Tot Ion:112 Resp: 711489

Ion Ratio Lower Upper

112 100

64 67.2 46.0 69.0

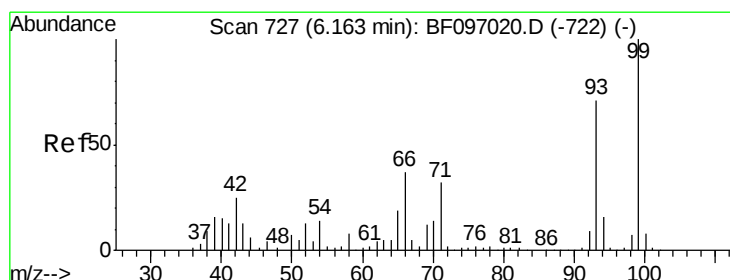
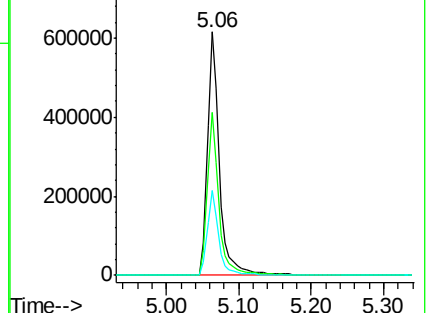
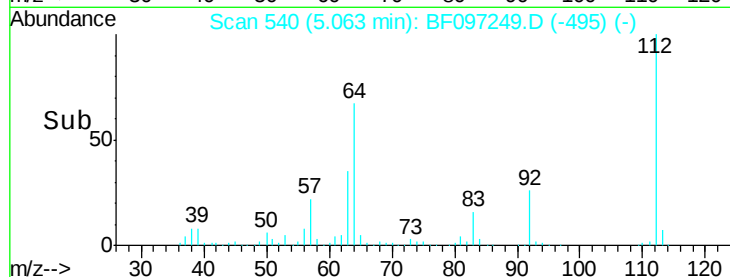
63 34.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.31 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

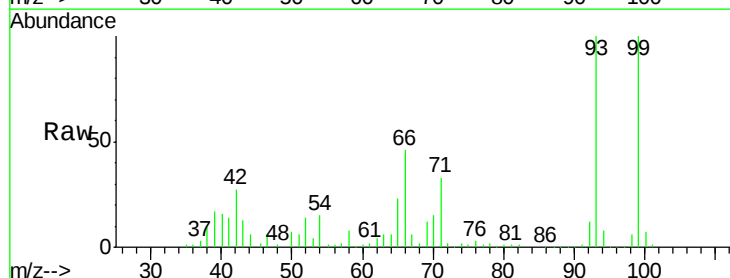
Tgt Ion: 93 Resp: 509030

Ion Ratio Lower Upper

93 100

66 45.9 32.9 49.3

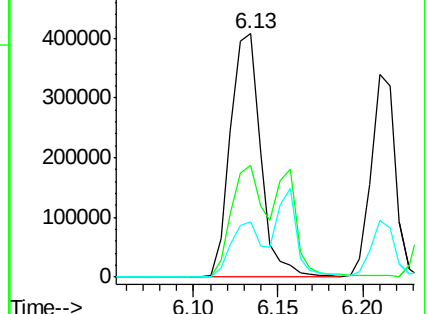
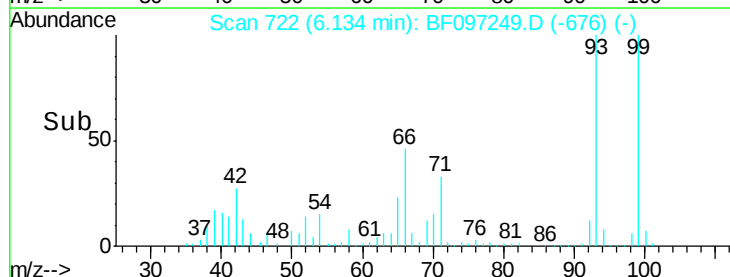
65 22.6 16.0 24.0

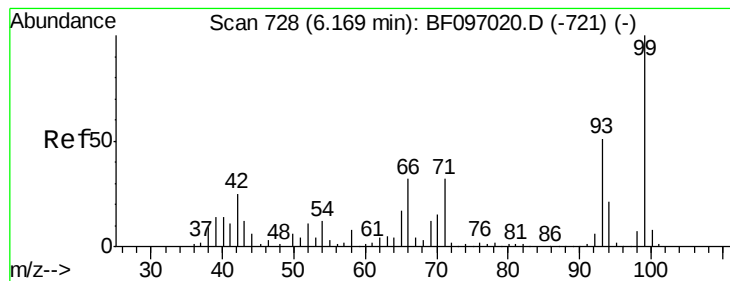


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.71 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

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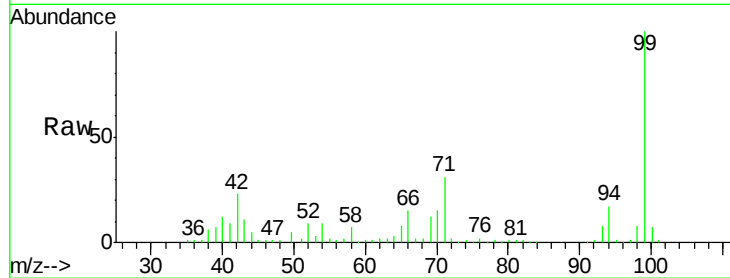
Tot Ion: 99 Resp: 769725

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

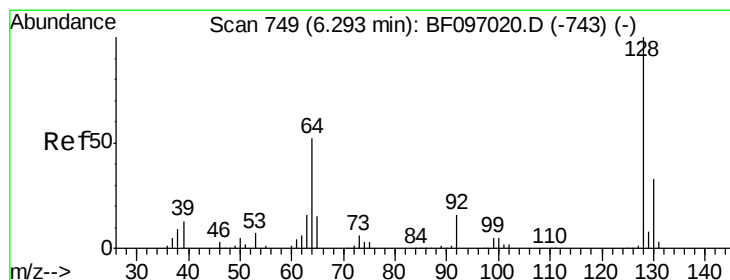
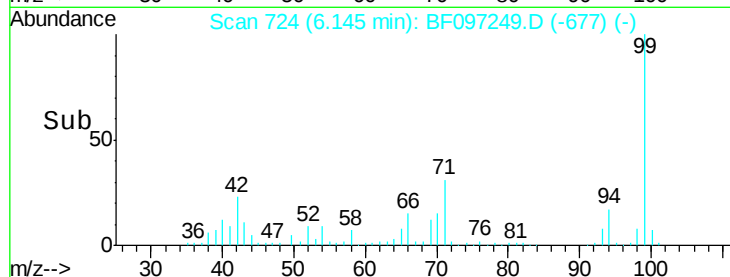
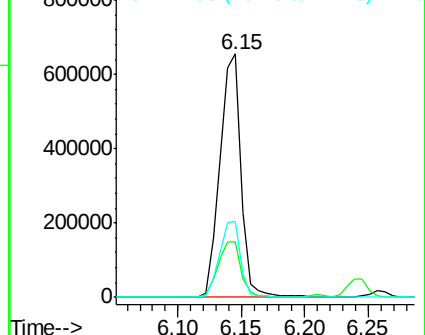
71 31.0 24.5 36.7



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: 36.63 ng

RT: 6.26 min Scan# 743

Delta R.T. -0.04 min

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Acq: 2 Aug 2017 2:48

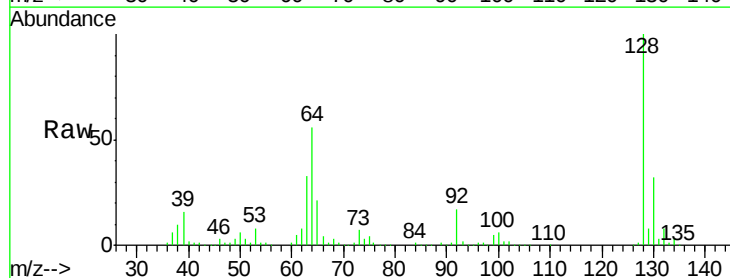
Tgt Ion: 128 Resp: 344231

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

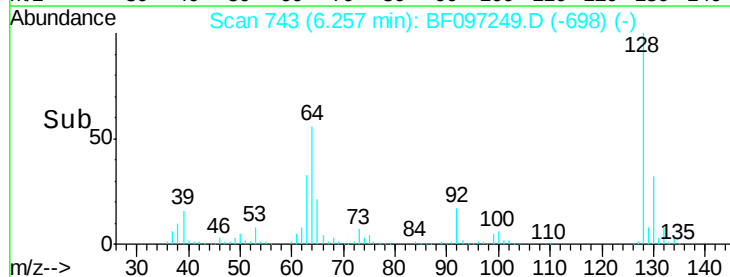
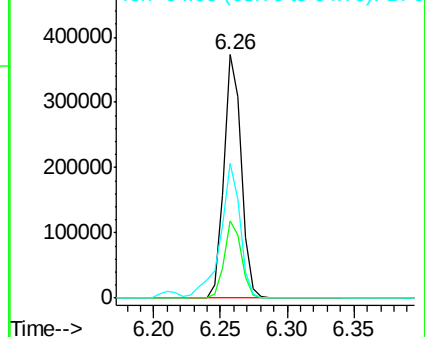
64 55.6 28.4 68.4

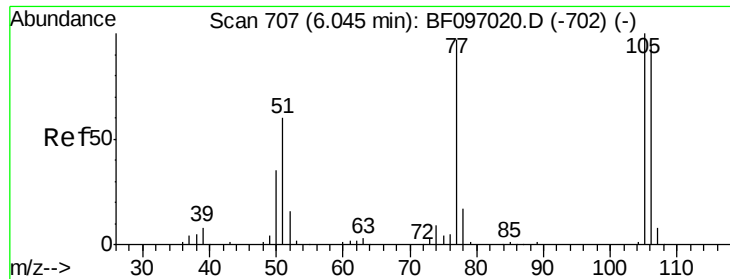


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

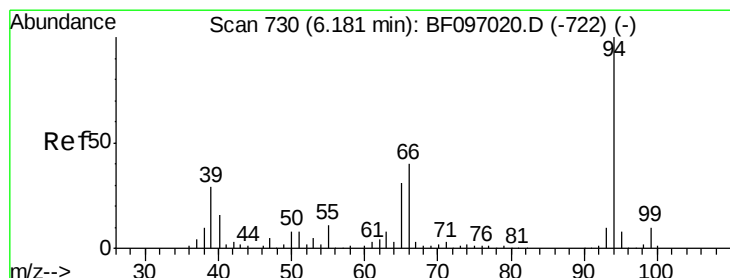
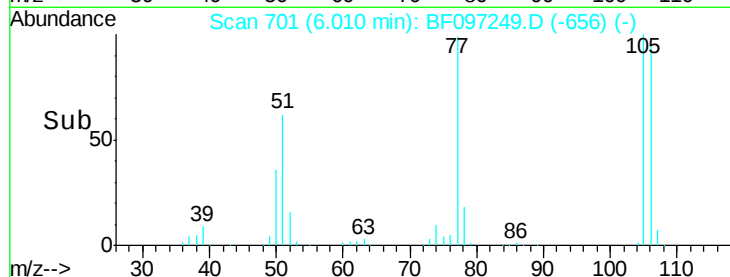
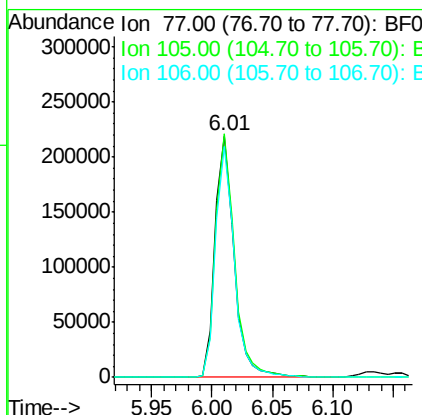
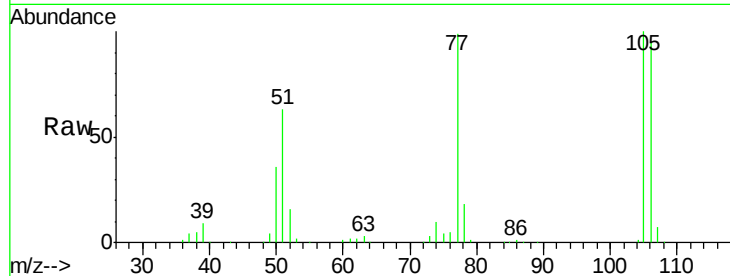




#9
Benzaldehyde
Concen: 40.06 ng
RT: 6.01 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

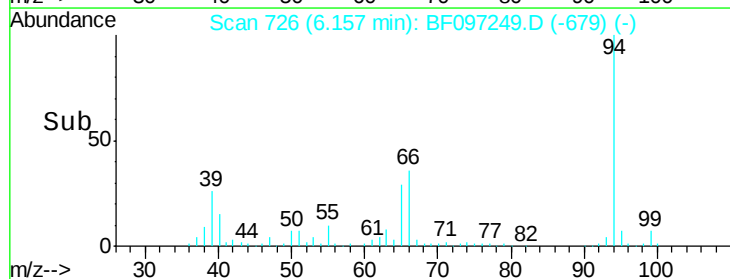
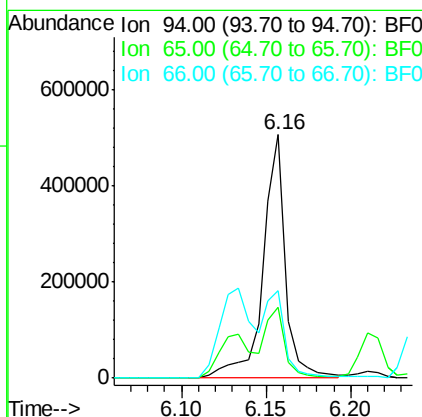
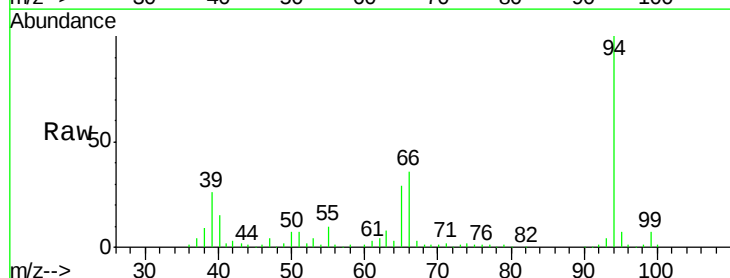
Instrument :
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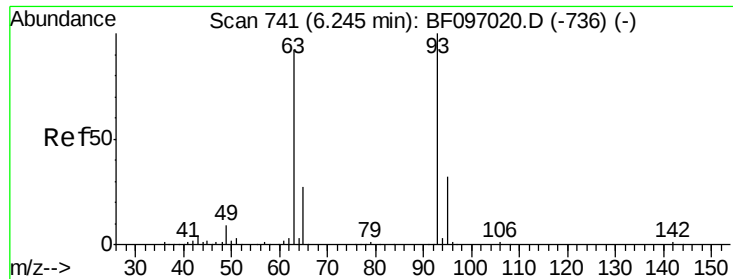
Tot Ion: 77 Resp: 237938
Ion Ratio Lower Upper
77 100
105 100.8 83.8 123.8
106 95.4 79.1 119.1



#10
Phenol
Concen: 38.97 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion: 94 Resp: 463788
Ion Ratio Lower Upper
94 100
65 29.3 9.9 49.9
66 35.7 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 35.41 ng

RT: 6.21 min Scan# 735

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

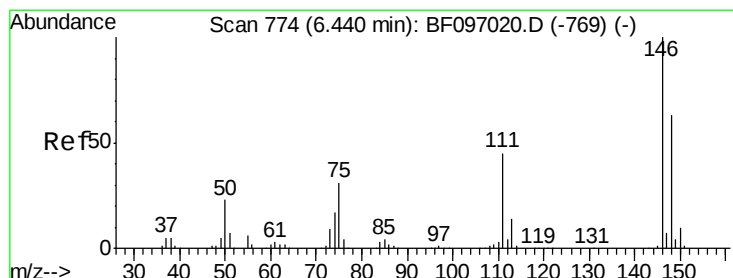
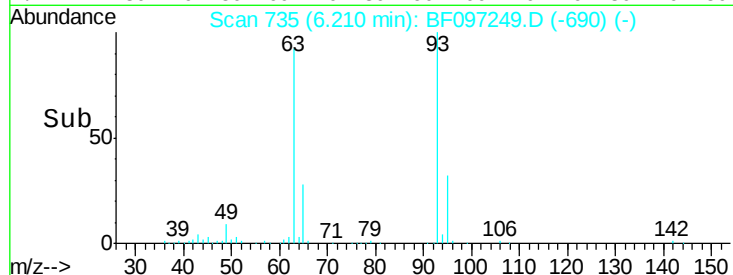
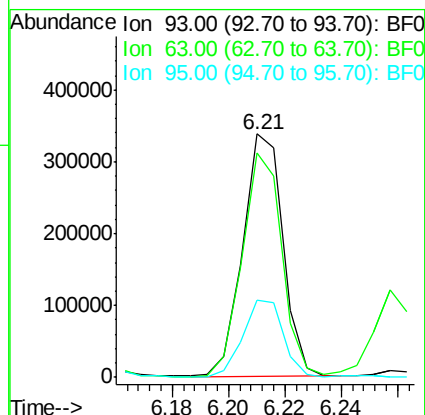
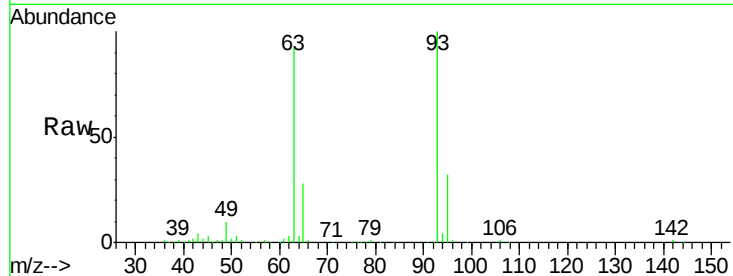
Tot Ion: 93 Resp: 333303

Ion Ratio Lower Upper

93 100

63 92.2 59.2 99.2

95 31.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.84 ng

RT: 6.40 min Scan# 768

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

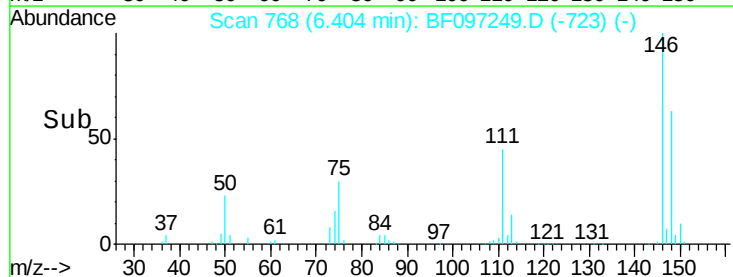
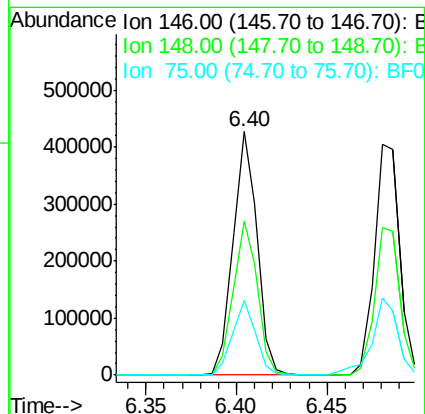
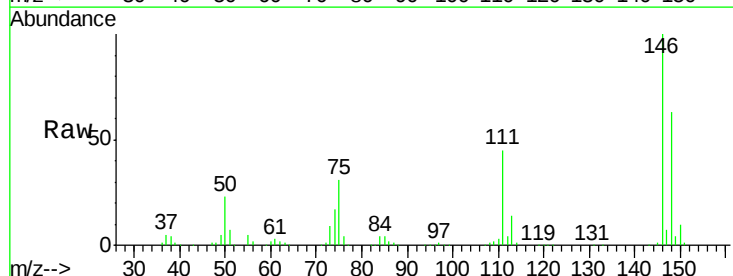
Tgt Ion: 146 Resp: 393397

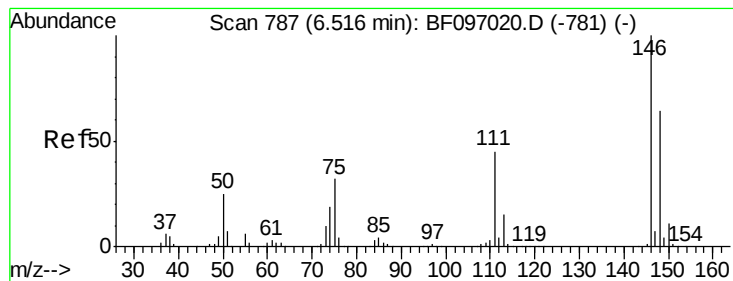
Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

75 30.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.27 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

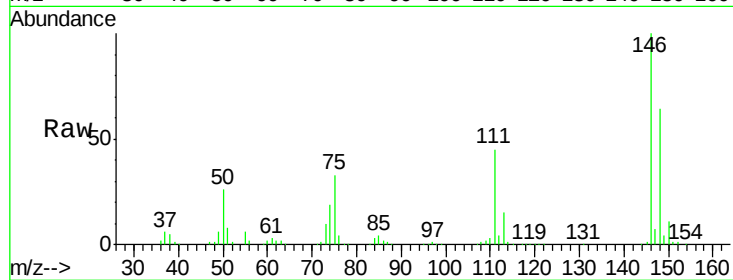
Tot Ion:146 Resp: 394191

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

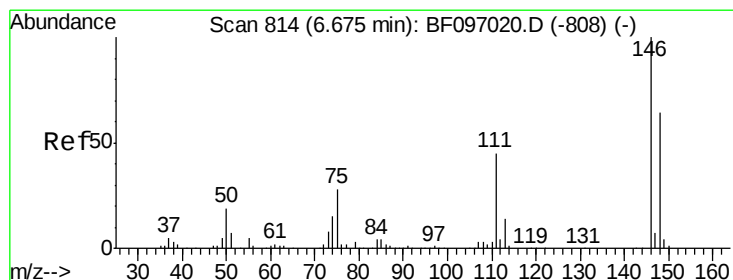
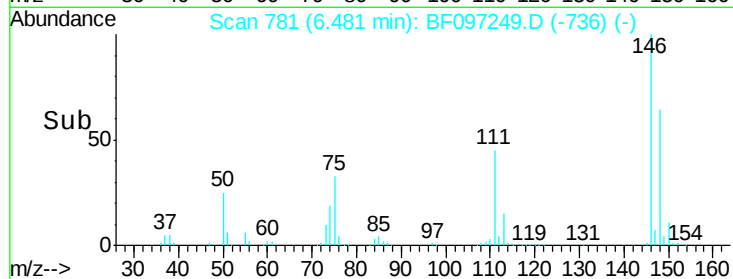
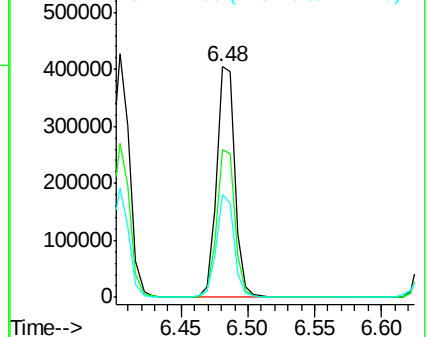
111 44.8 30.3 45.5



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: 37.69 ng

RT: 6.64 min Scan# 808

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

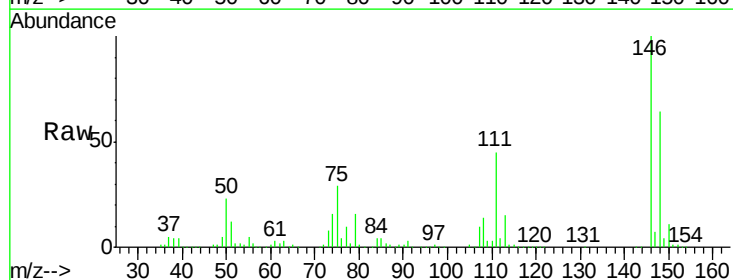
Tgt Ion:146 Resp: 330343

Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

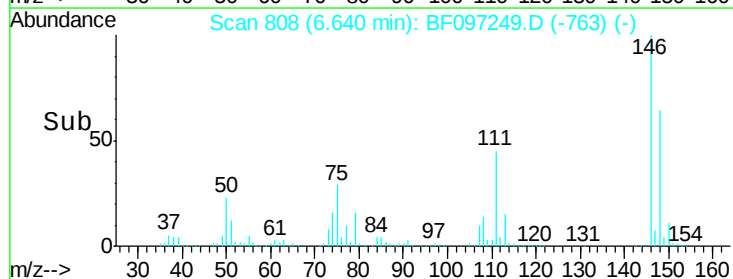
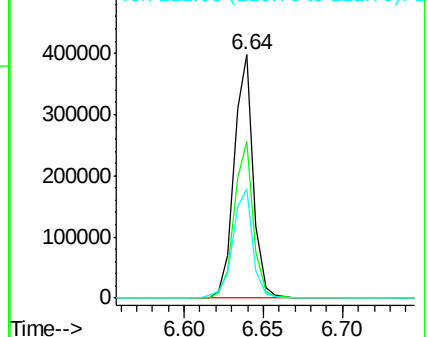
111 44.9 38.2 57.4

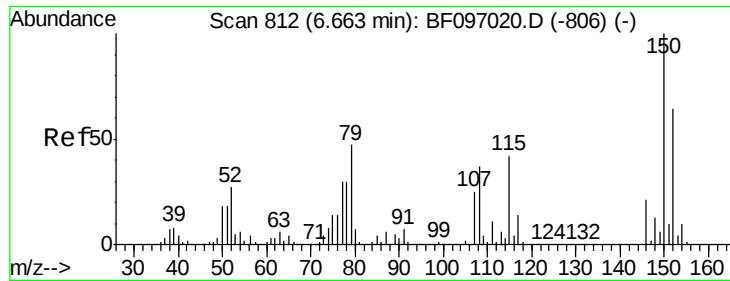


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

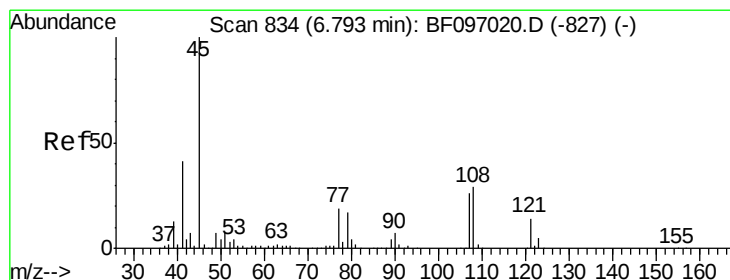
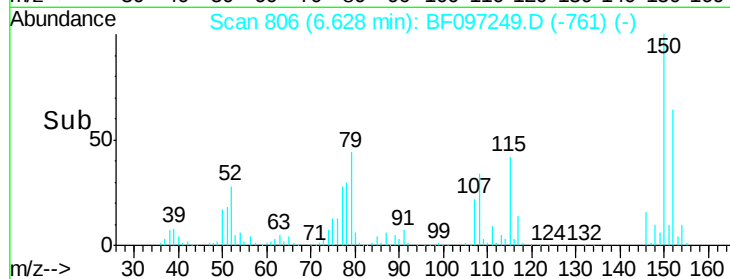
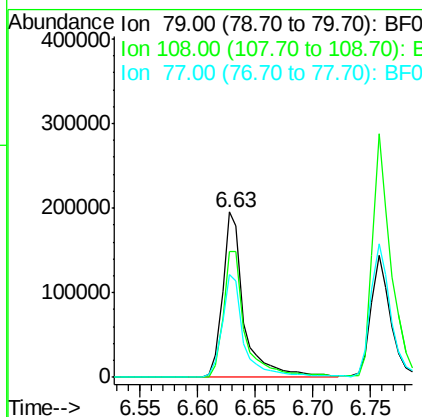
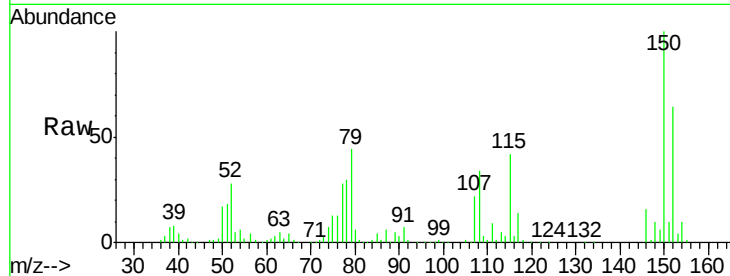




#15
Benzyl Alcohol
Concen: 39.90 ng
RT: 6.63 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

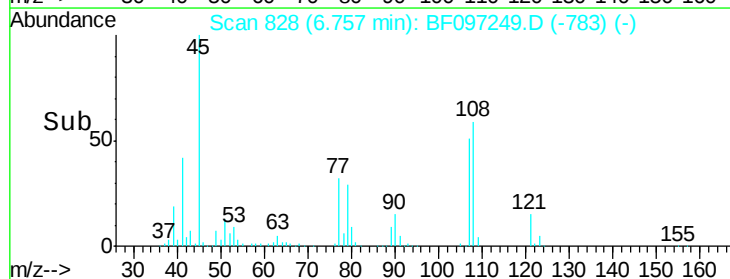
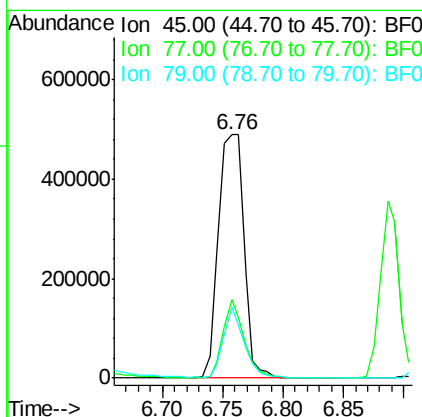
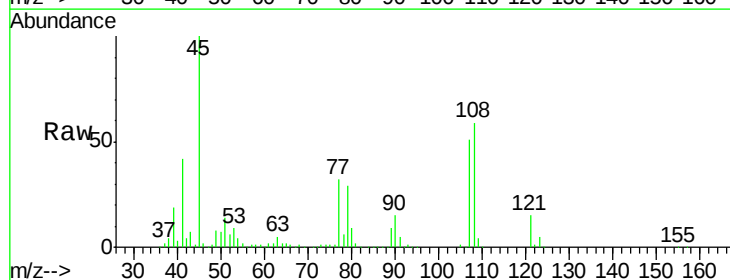
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

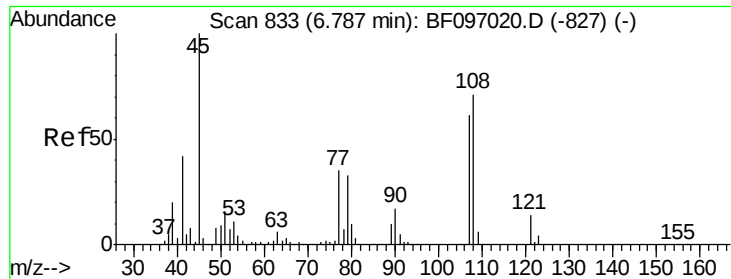
Tot Ion: 79 Resp: 253494
Ion Ratio Lower Upper
79 100
108 75.9 63.4 95.0
77 62.1 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.90 ng
RT: 6.76 min Scan# 828
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion: 45 Resp: 715581
Ion Ratio Lower Upper
45 100
77 32.2 0.0 33.2
79 29.3 0.0 30.0

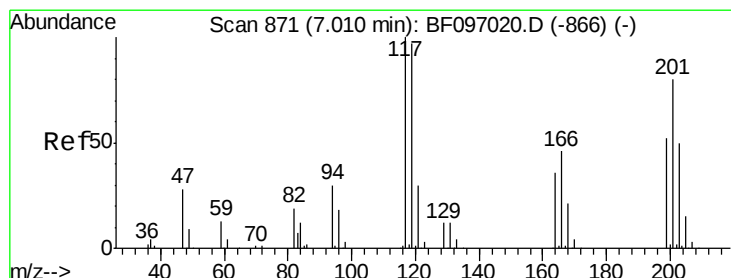
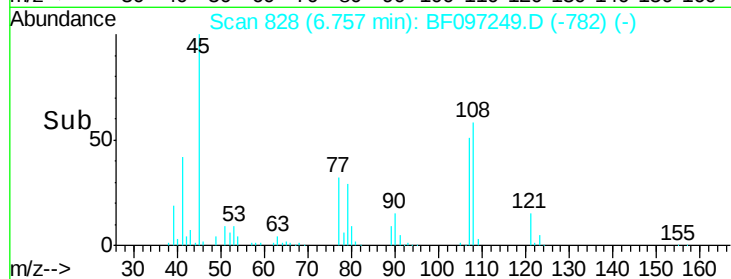
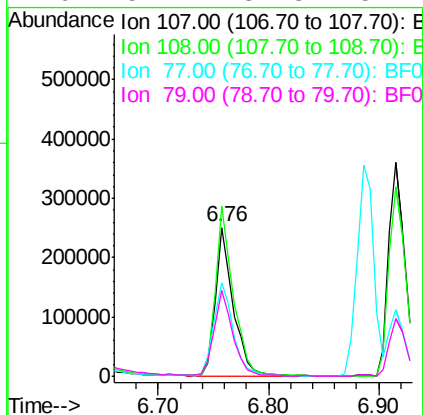
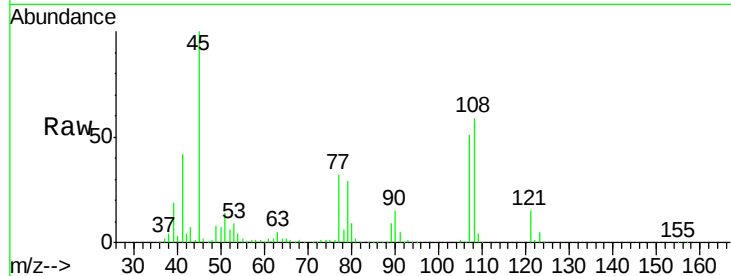




#17
2-Methylphenol
Concen: 38.94 ng
RT: 6.76 min Scan# 828
Delta R.T. -0.03 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

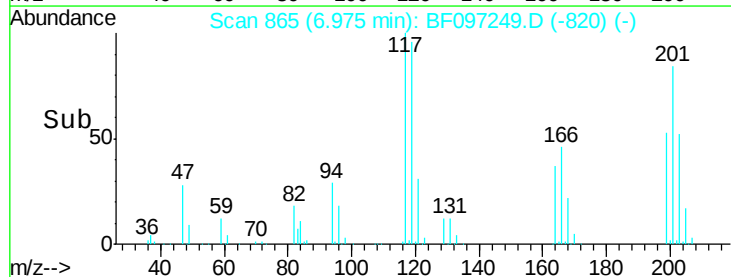
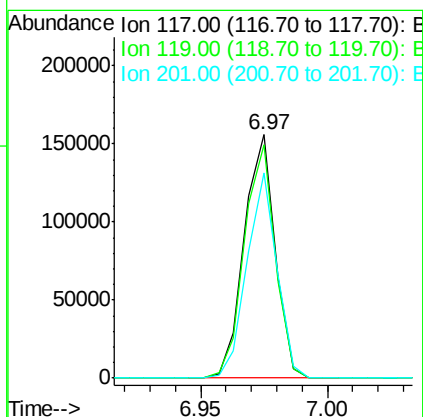
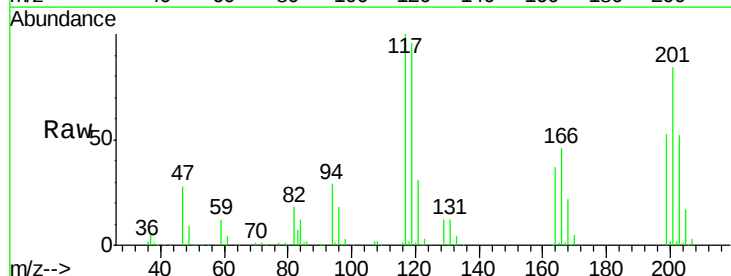
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

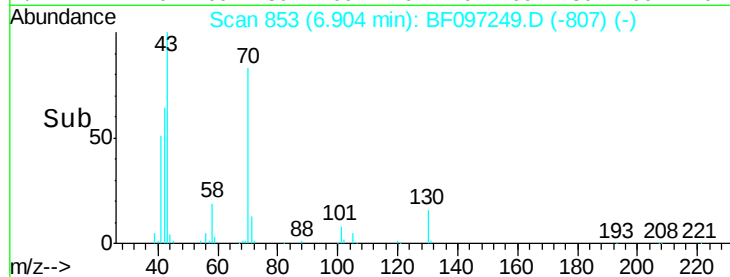
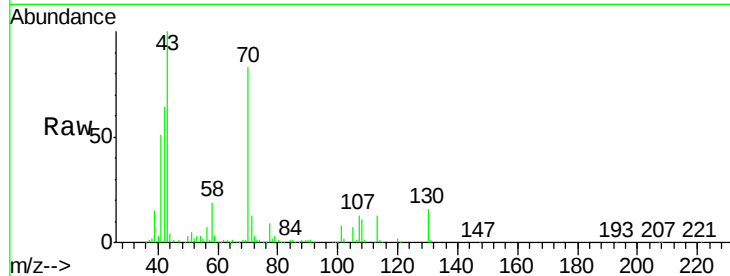
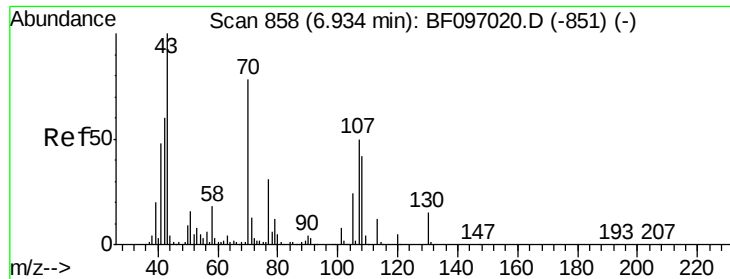
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.4	140.0
77	62.7	35.8	53.6#
79	57.2	34.8	52.2#



#18
Hexachloroethane
Concen: 36.00 ng
RT: 6.97 min Scan# 865
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
201	84.5	94.6	141.8#

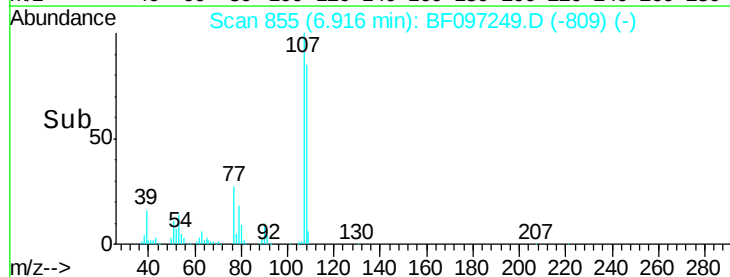
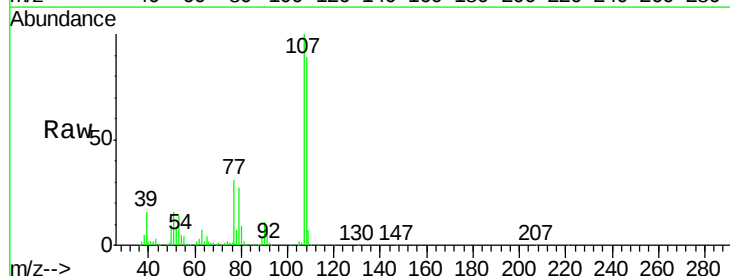
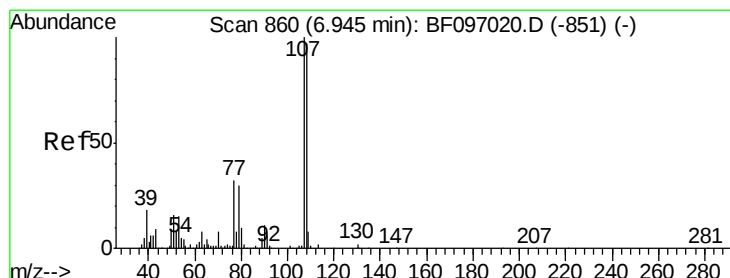
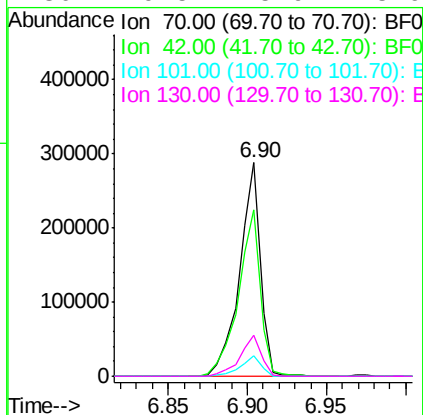




#19
n-Nitroso-di-n-propylamine
Concen: 39.70 ng
RT: 6.90 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

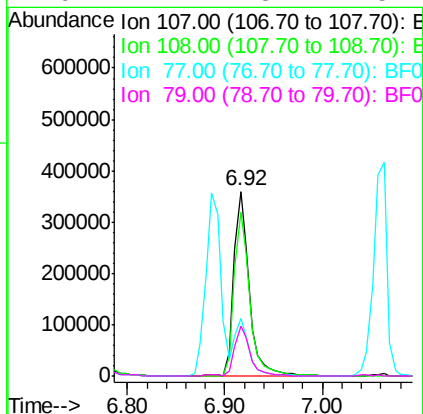
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

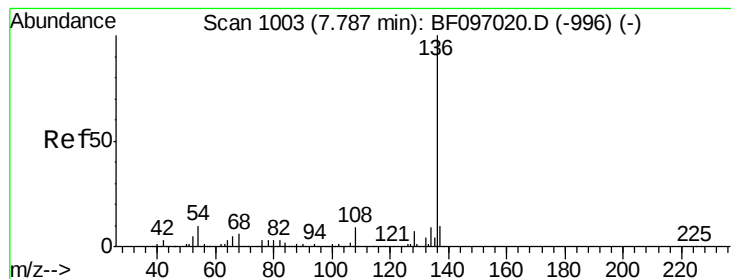
Tot Ion	Ratio	Lower	Upper
70	100		
42	77.7	47.2	70.8#
101	9.5	7.2	10.8
130	19.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.32 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.03 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.0	111.0
77	31.0	90.5	130.5#
79	27.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 550262

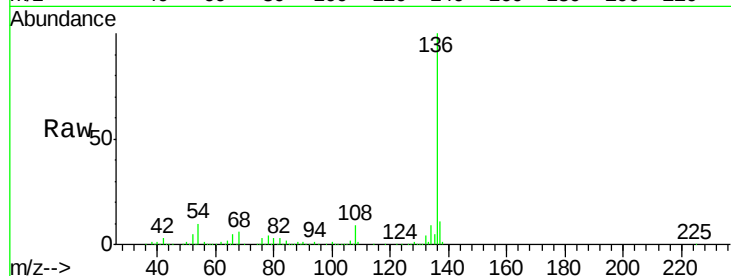
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.3 4.9 7.3#

68 5.9 4.1 6.1

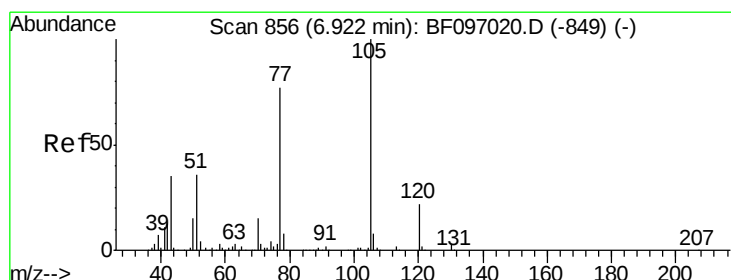
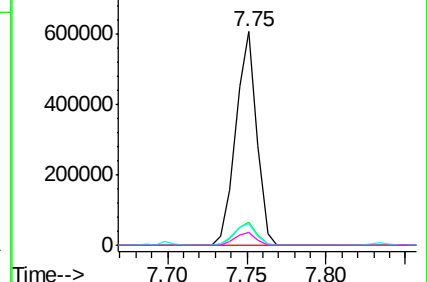
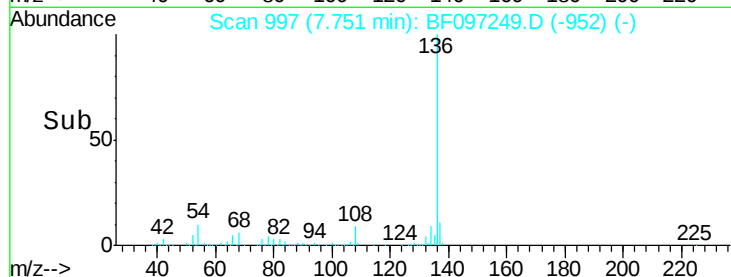


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.22 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Tgt Ion:105 Resp: 505034

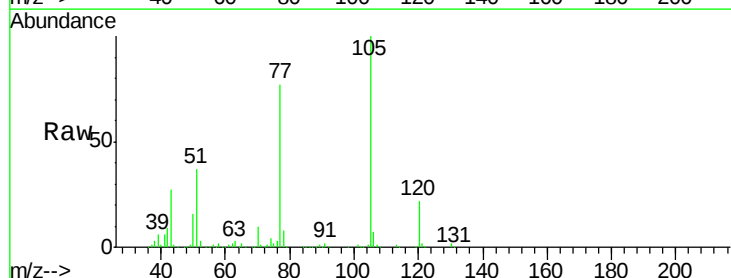
Ion Ratio Lower Upper

105 100

71 1.5 2.8 4.2#

51 37.1 30.7 46.1

120 21.9 17.4 26.0

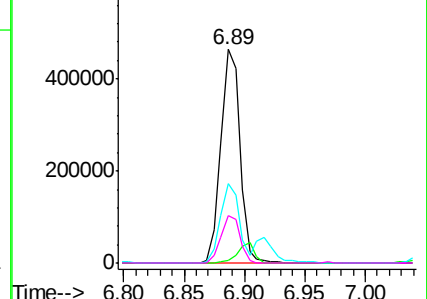
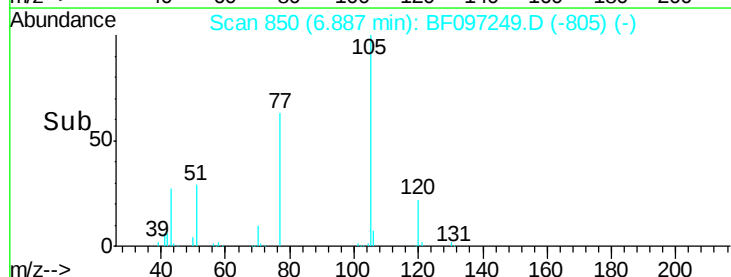


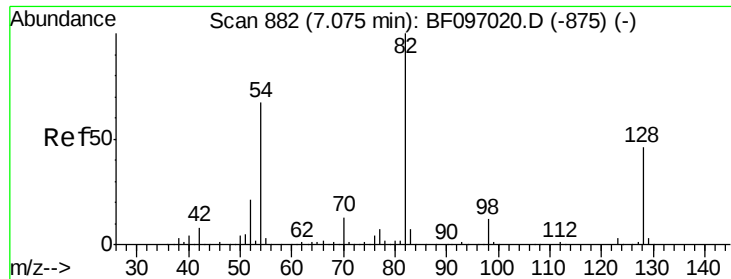
Abundance Ion 105.00 (104.70 to 105.70): E

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

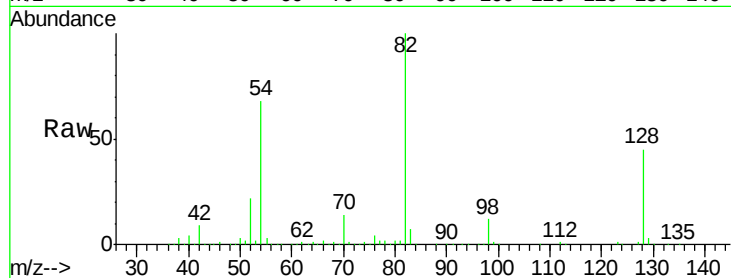




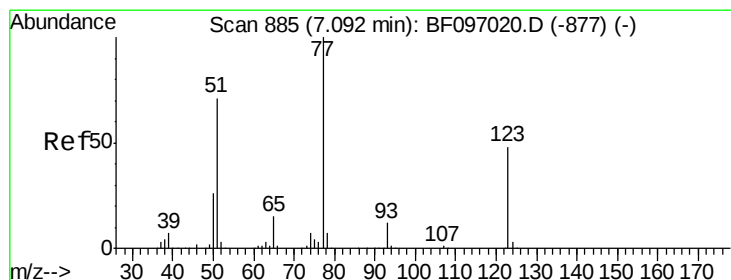
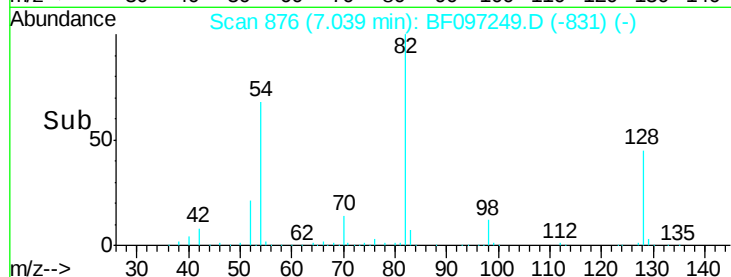
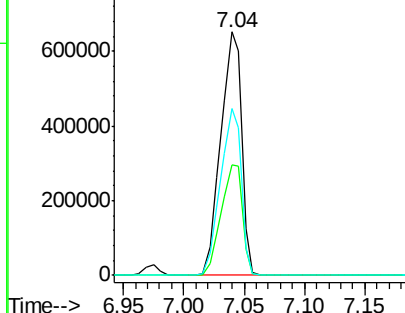
#23
Nitrobenzene-d5
Concen: 82.80 ng
RT: 7.04 min Scan# 876
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 776646
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 68.3 42.2 63.2#

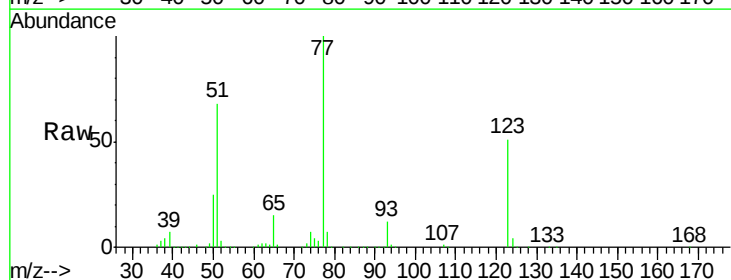


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

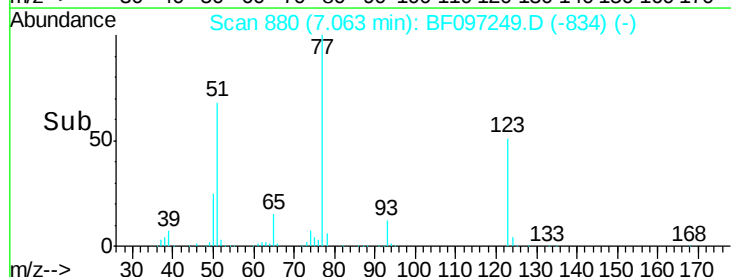
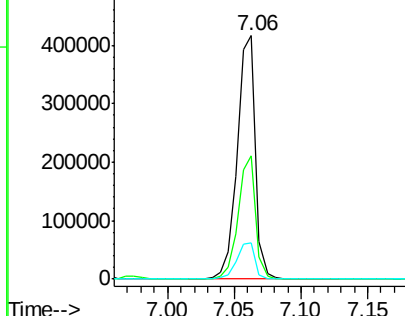


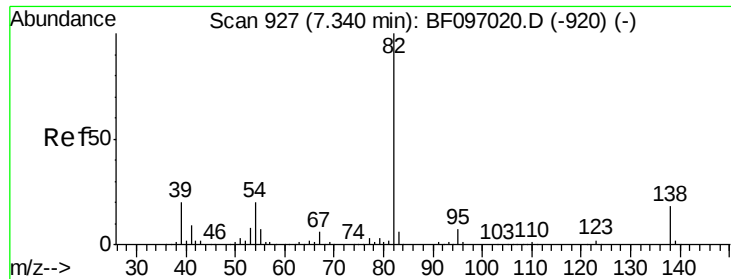
#24
Nitrobenzene
Concen: 40.84 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.03 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion: 77 Resp: 398960
Ion Ratio Lower Upper
77 100
123 50.6 35.8 53.8
65 15.0 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.49 ng

RT: 7.30 min Scan# 921

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

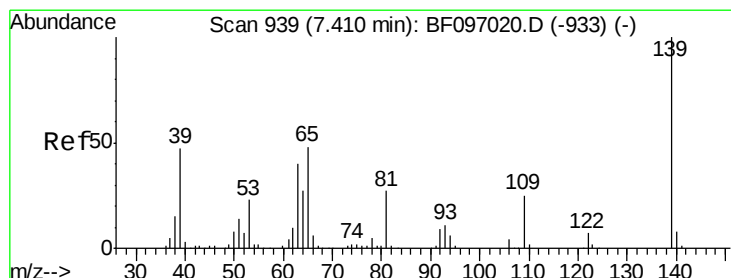
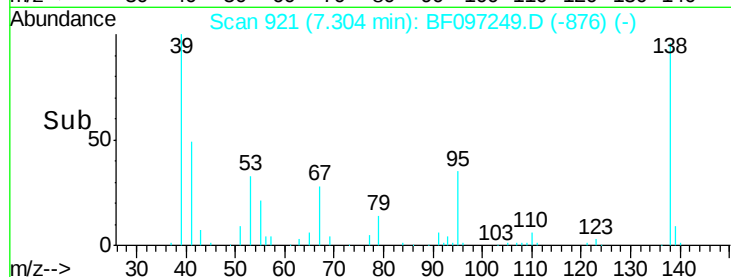
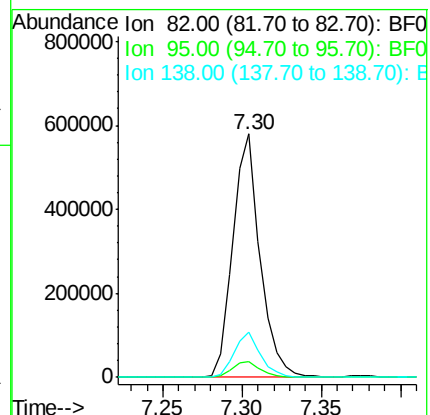
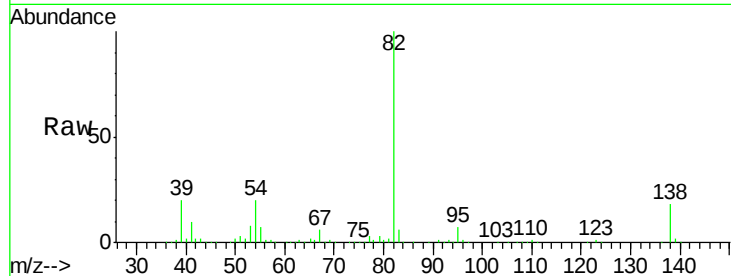
Tot Ion: 82 Resp: 688635

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.4 13.1 19.7



#26

2-Nitrophenol

Concen: 37.30 ng

RT: 7.37 min Scan# 933

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

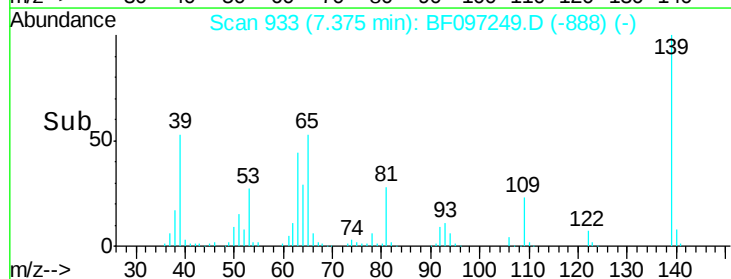
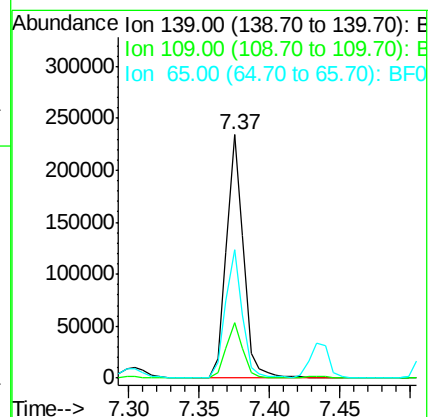
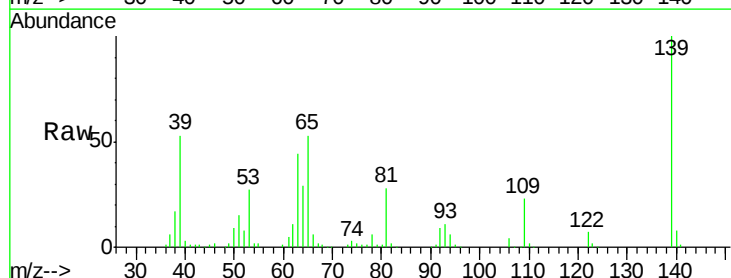
Tgt Ion: 139 Resp: 197158

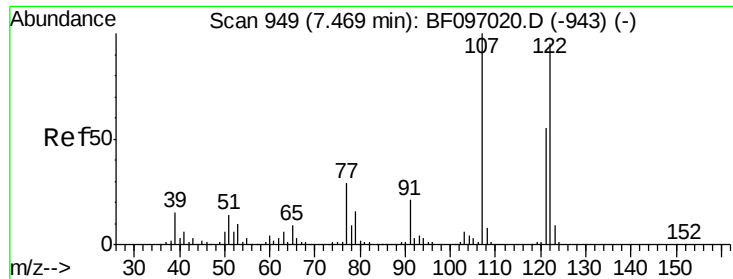
Ion Ratio Lower Upper

139 100

109 23.0 21.0 31.6

65 52.9 33.0 49.6#

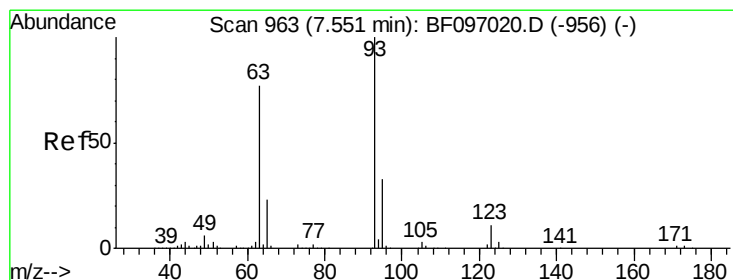
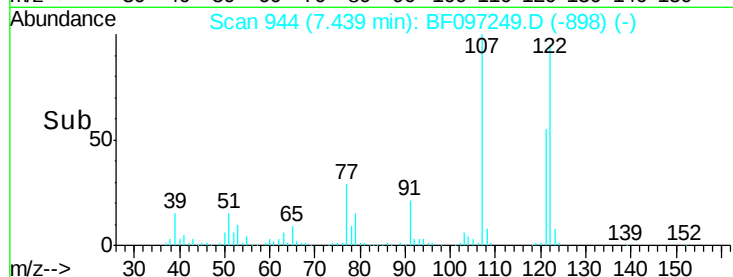
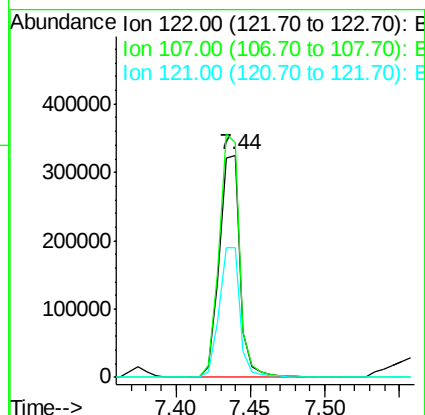
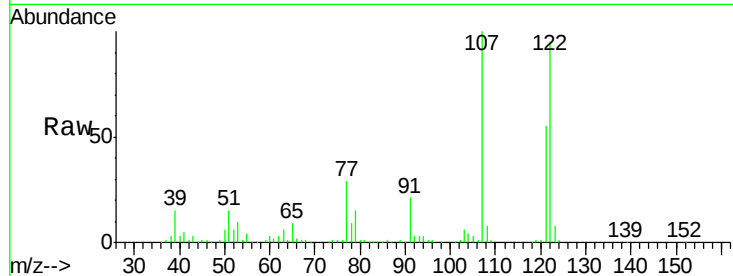




#27
 2,4-Dimethylphenol
 Concen: 36.44 ng
 RT: 7.44 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

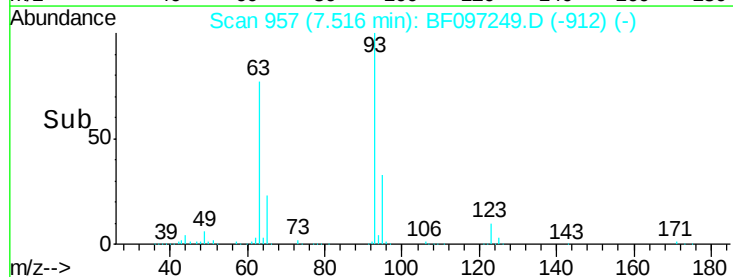
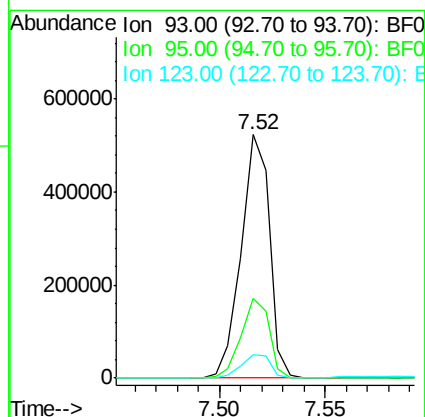
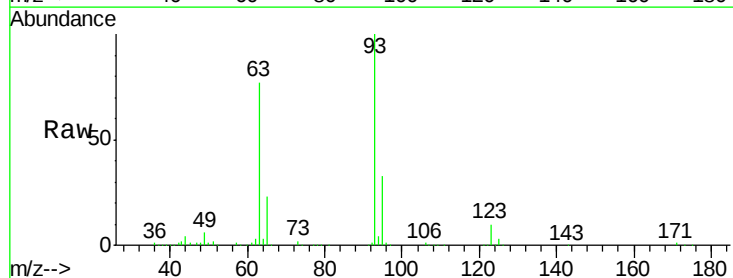
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

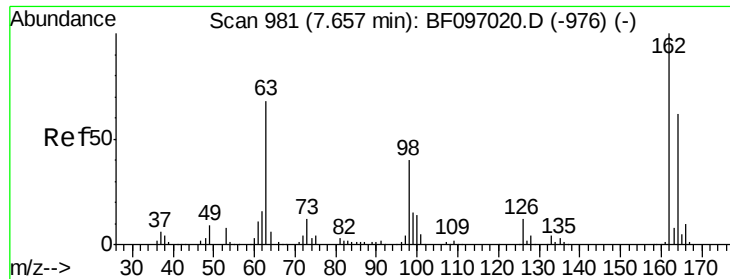
Tot Ion:122 Resp: 317711
 Ion Ratio Lower Upper
 122 100
 107 105.7 89.2 133.8
 121 58.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.44 ng
 RT: 7.52 min Scan# 957
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion: 93 Resp: 484815
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 9.8 9.0 13.4

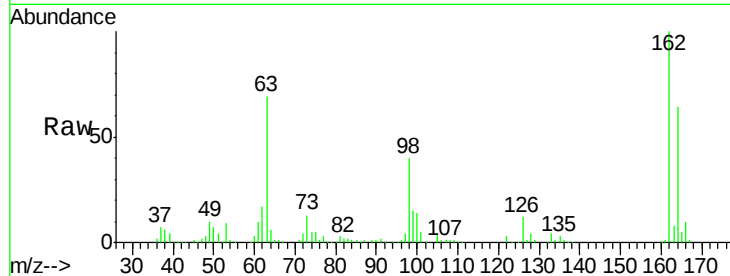




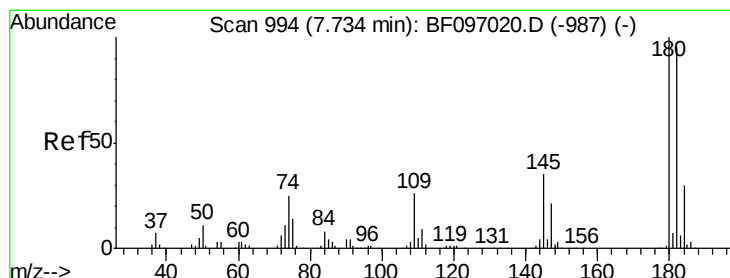
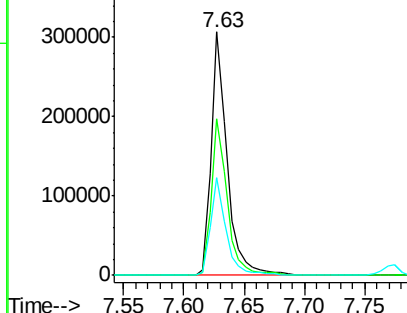
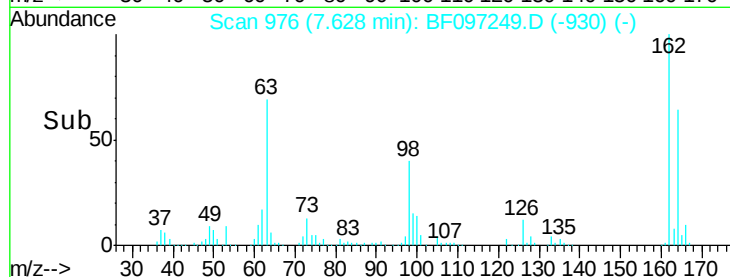
#29
 2,4-Dichlorophenol
 Concen: 37.04 ng
 RT: 7.63 min Scan# 976
 Delta R.T. -0.03 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	39.9	14.8	54.8

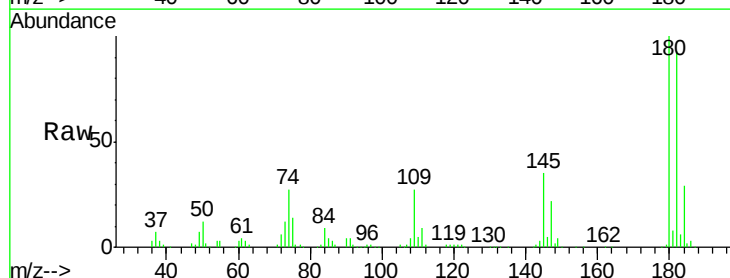


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

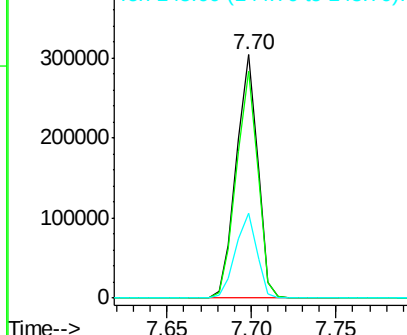
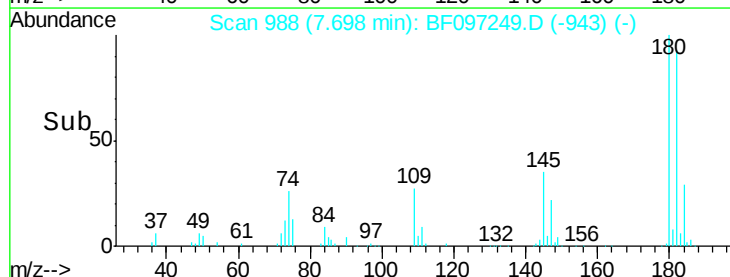


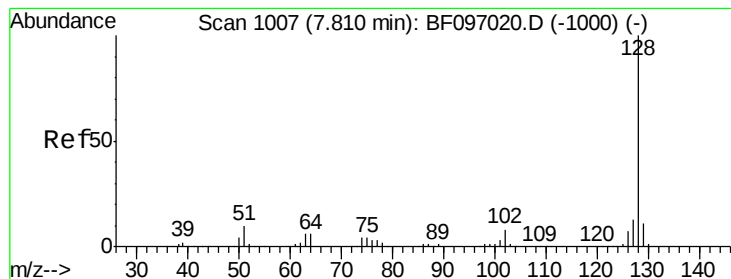
#30
 1,2,4-Trichlorobenzene
 Concen: 37.38 ng
 RT: 7.70 min Scan# 988
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	75.8	113.6
145	35.0	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.77 ng

RT: 7.77 min Scan# 1001

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

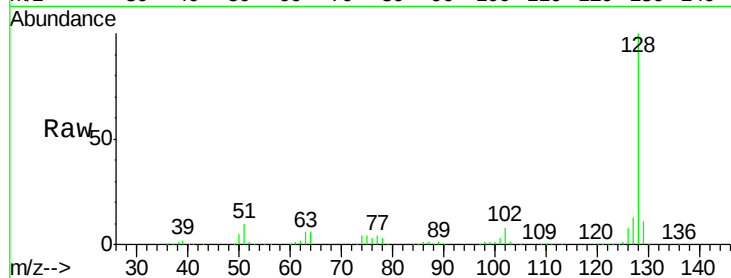
Tot Ion:128 Resp: 979577

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

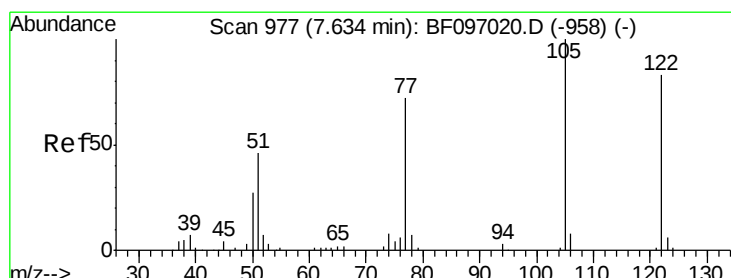
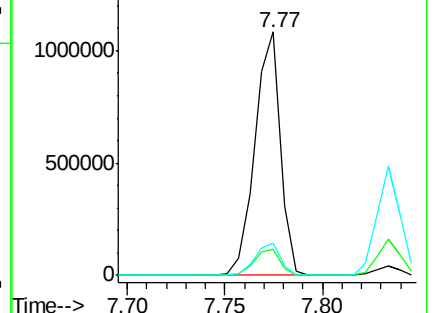
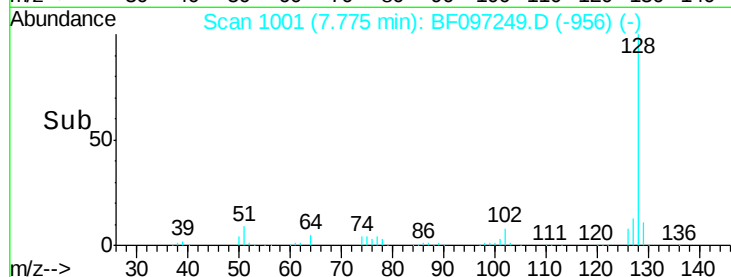
127 13.3 10.8 16.2



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: 30.45 ng

RT: 7.60 min Scan# 972

Delta R.T. -0.03 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

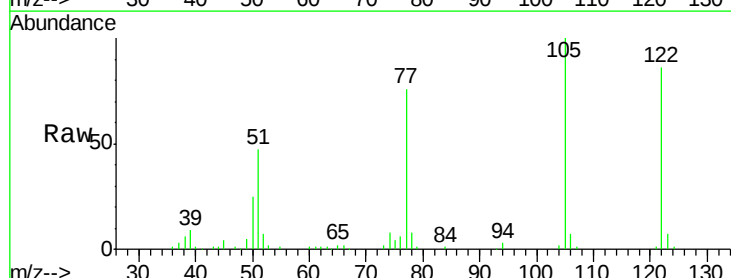
Tgt Ion:122 Resp: 198265

Ion Ratio Lower Upper

122 100

105 115.9 103.3 143.3

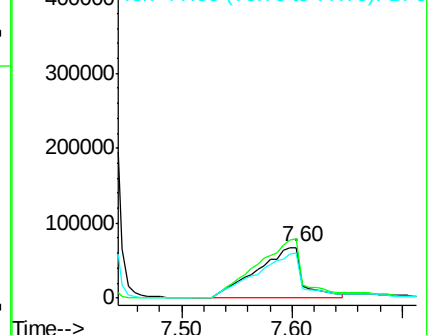
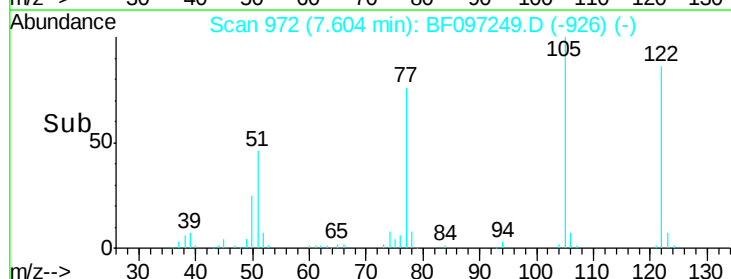
77 88.2 73.7 113.7

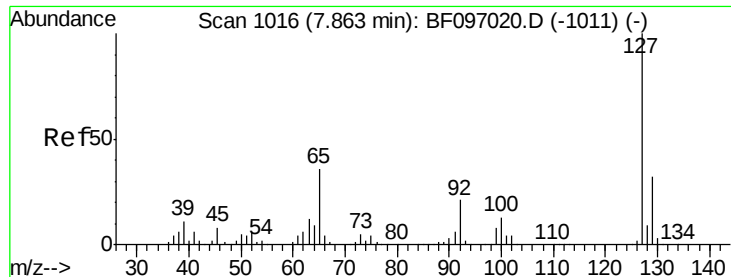


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

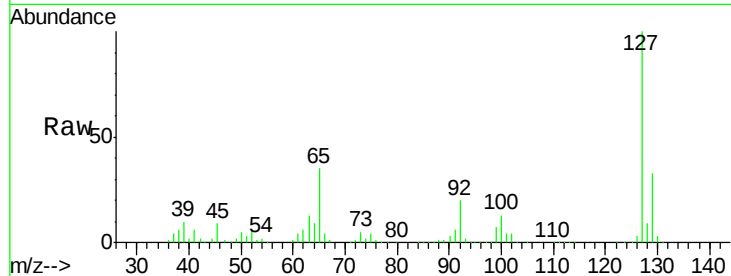




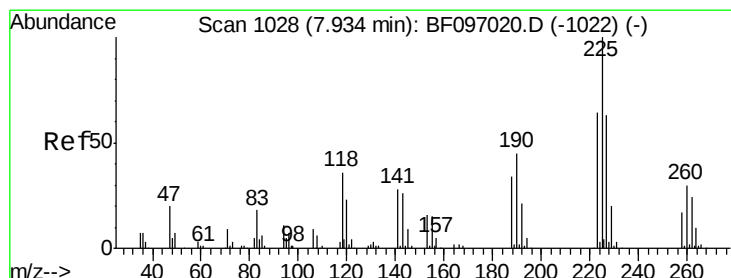
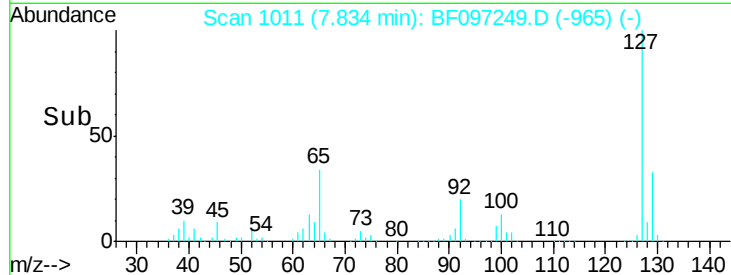
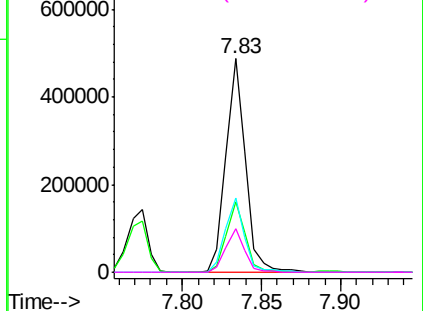
#33
4-Chloroaniline
Concen: 39.25 ng
RT: 7.83 min Scan# 1011
Delta R.T. -0.03 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	414231
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	34.7	27.8	41.8
92	20.4	16.8	25.2

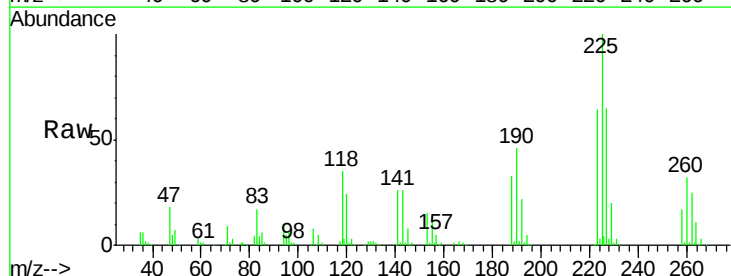


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

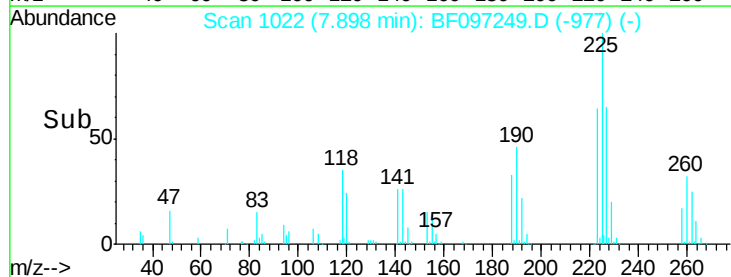
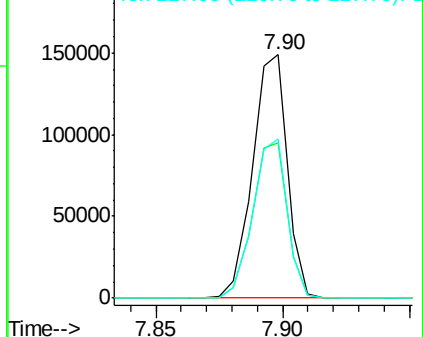


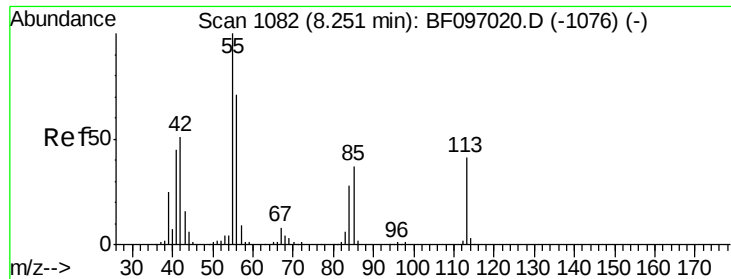
#34
Hexachlorobutadiene
Concen: 37.48 ng
RT: 7.90 min Scan# 1022
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion:	225	Resp:	142243
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	65.1	51.1	76.7



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





#35

Caprolactam

Concen: 42.34 ng

RT: 8.22 min Scan# 1077

Delta R.T. -0.03 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

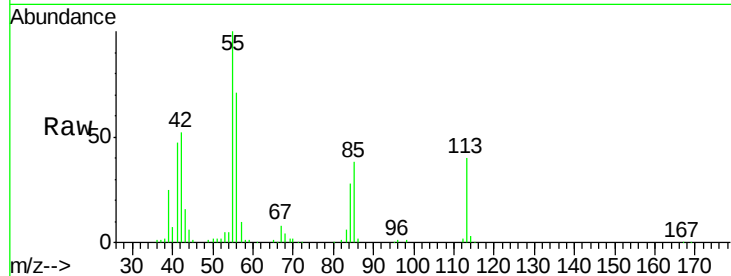
Tot Ion:113 Resp: 101977

Ion Ratio Lower Upper

113 100

55 250.6 150.2 190.2#

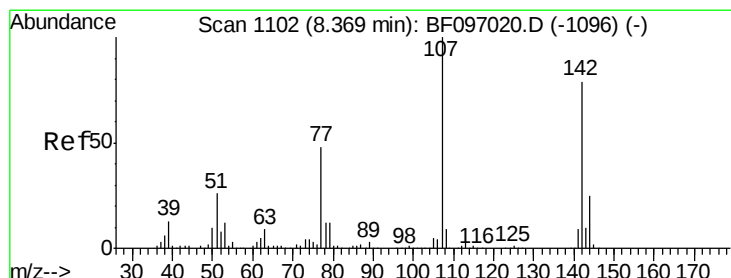
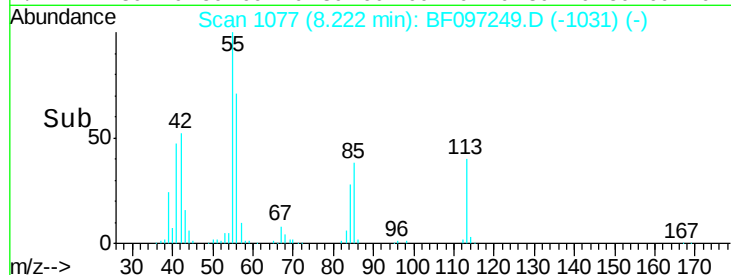
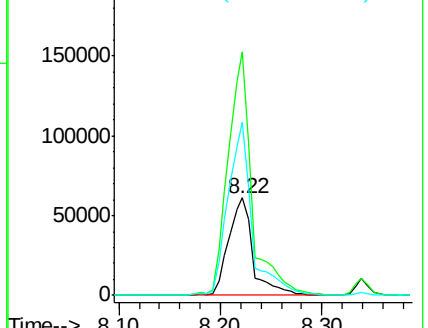
56 178.6 107.8 147.8#



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: 40.87 ng

RT: 8.34 min Scan# 1097

Delta R.T. -0.03 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

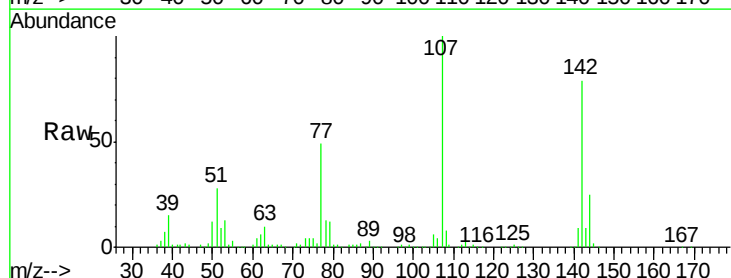
Tgt Ion:107 Resp: 334904

Ion Ratio Lower Upper

107 100

144 24.8 24.2 36.4

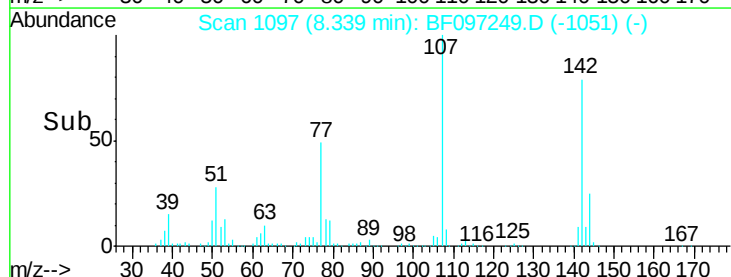
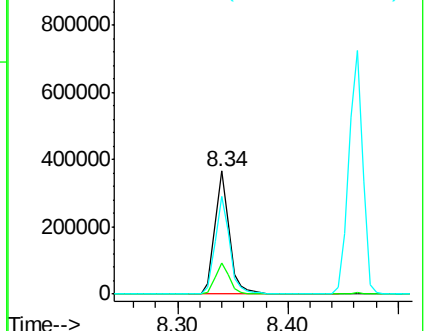
142 79.1 73.4 110.0

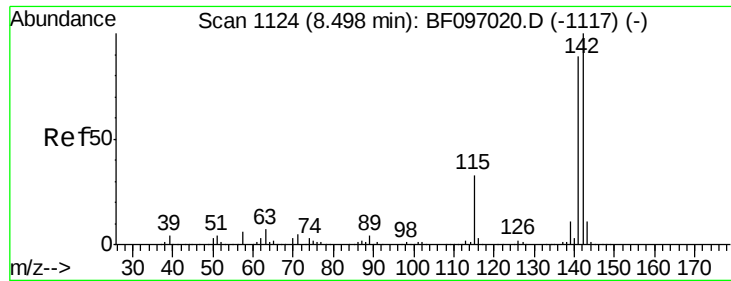


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

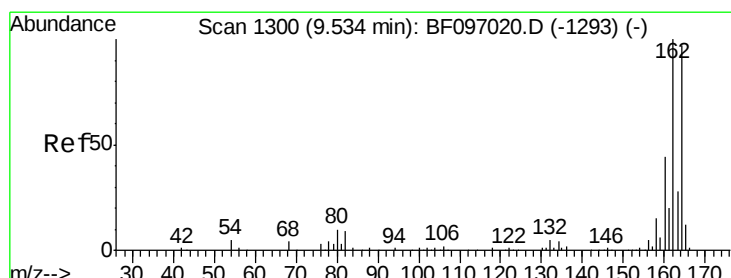
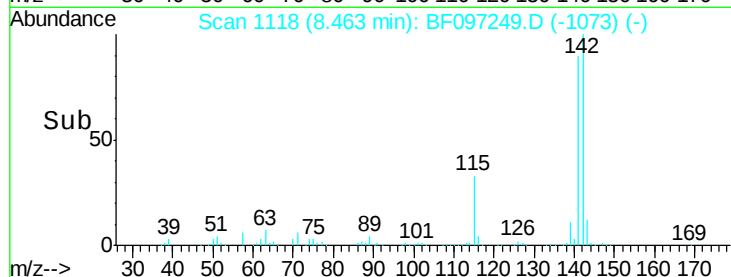
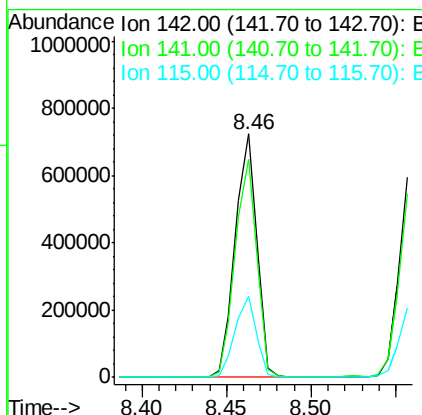
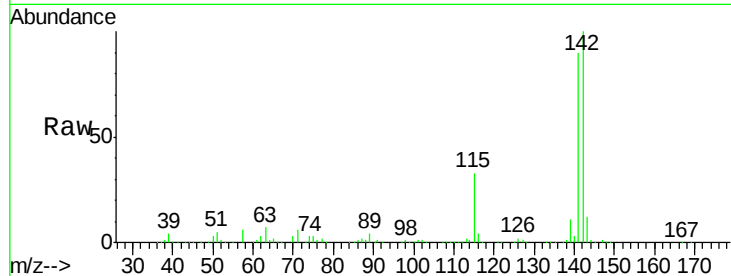




#37
 2-Methylnaphthalene
 Concen: 39.29 ng
 RT: 8.46 min Scan# 1118
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

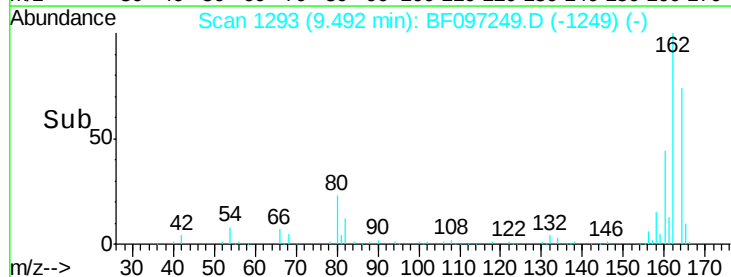
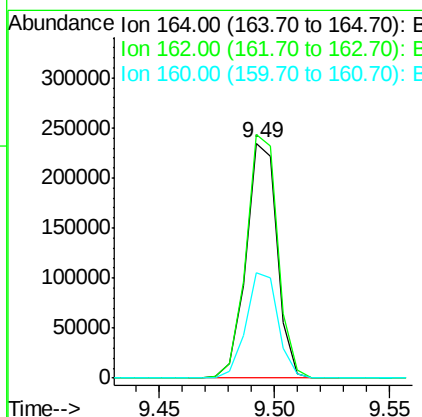
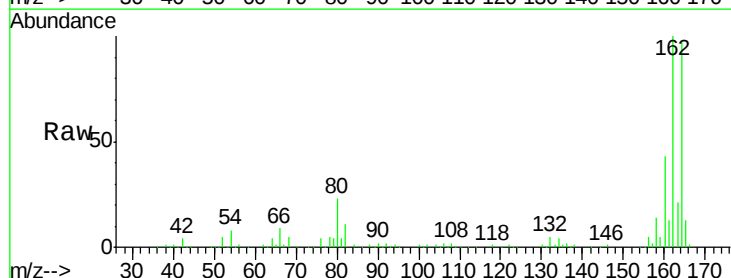
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

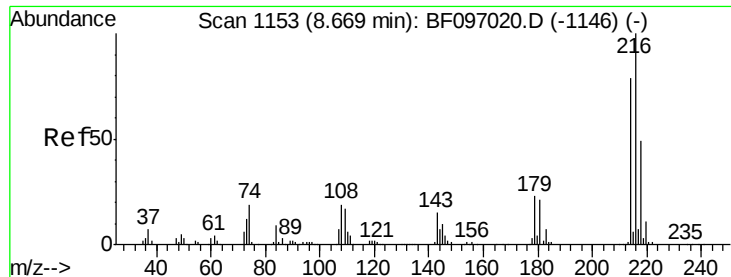
Tot Ion:142 Resp: 645272
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.3 106.9
 115 33.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion:164 Resp: 220416
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 44.8 36.2 54.2

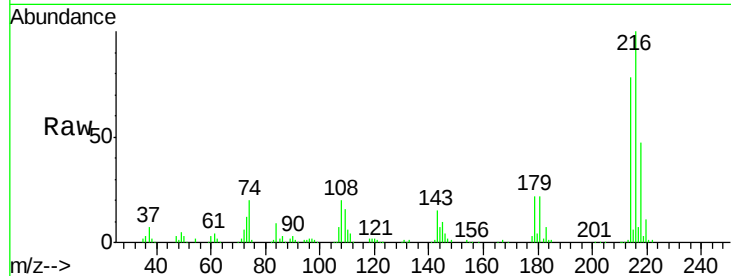




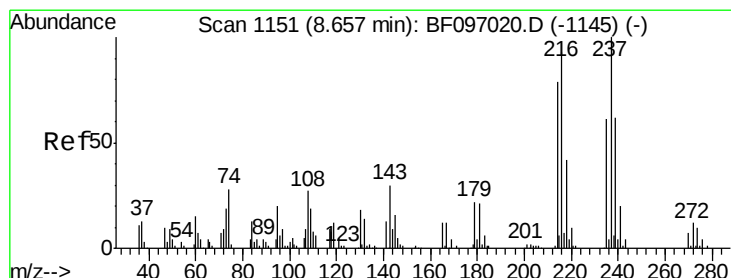
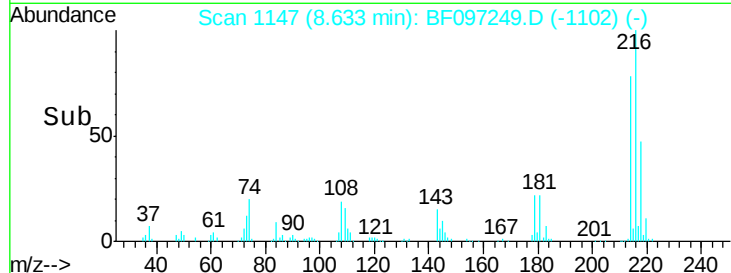
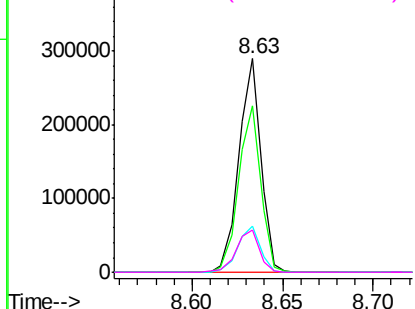
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.39 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	243432
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	22.4	17.9	26.9
108	21.0	16.5	24.7

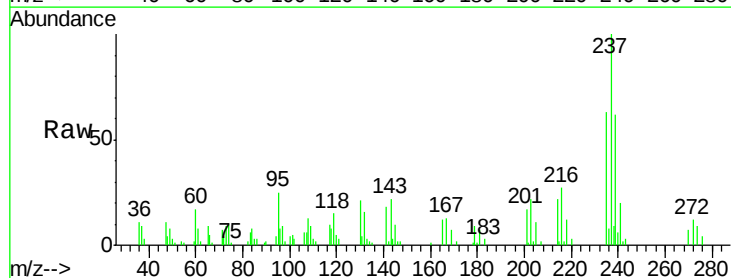


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

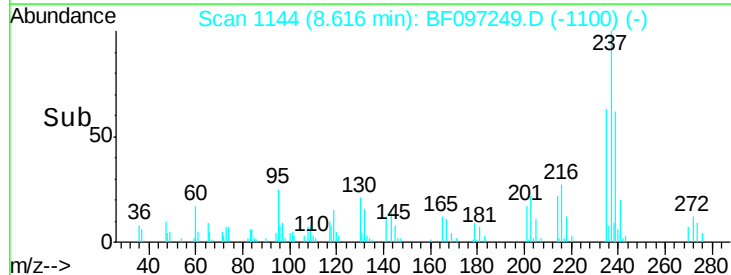
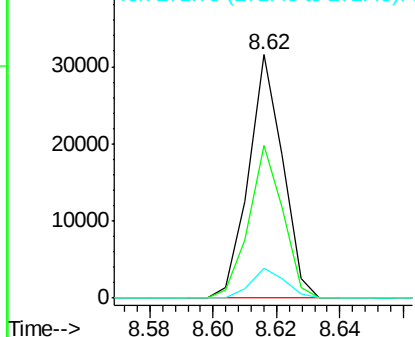


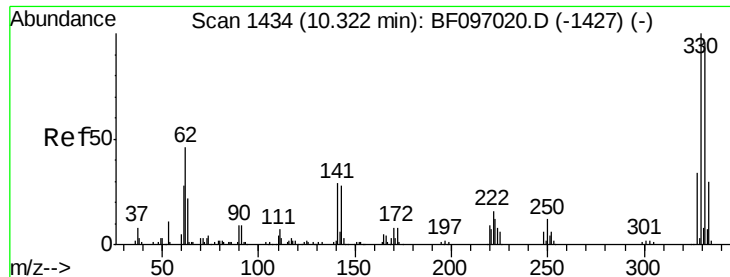
#40
 Hexachlorocyclopentadiene
 Concen: 17.08 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion:	237	Resp:	23516
Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.6	82.6
272	12.1	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

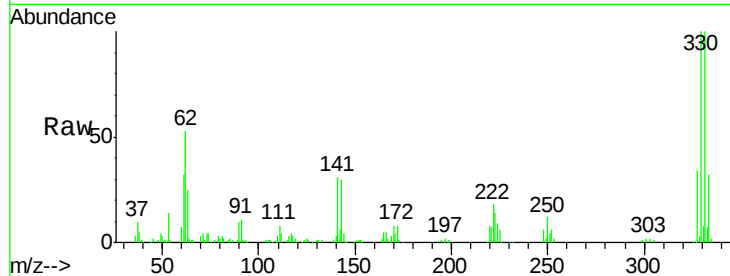




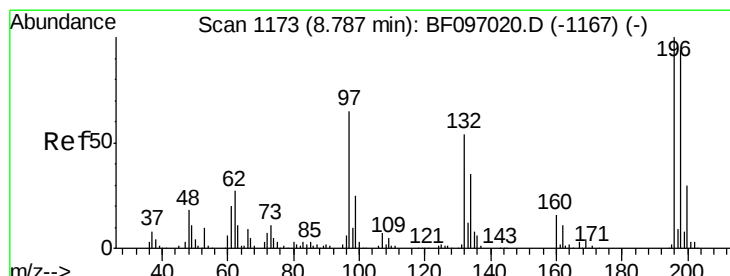
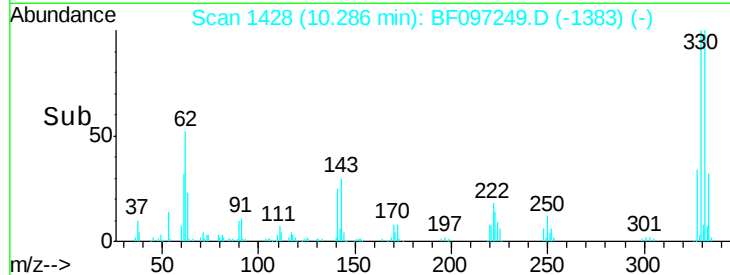
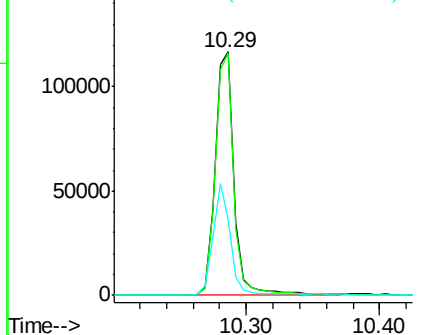
#41
 2,4,6-Tribromophenol
 Concen: 67.35 ng
 RT: 10.29 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 117293
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 115.0
 141 42.3 31.4 47.2

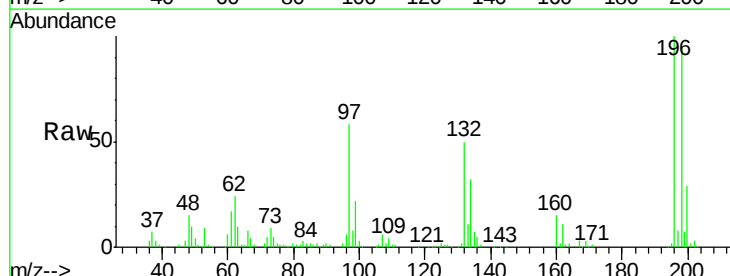


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

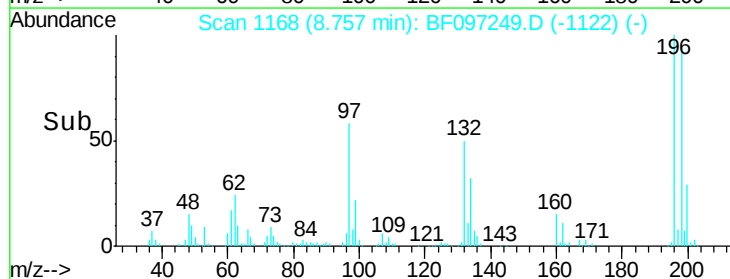
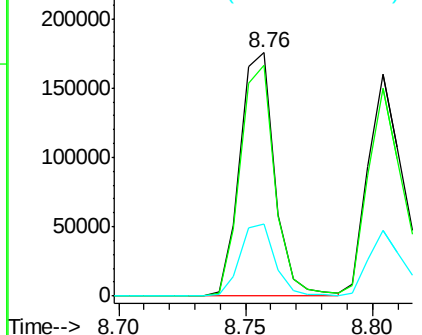


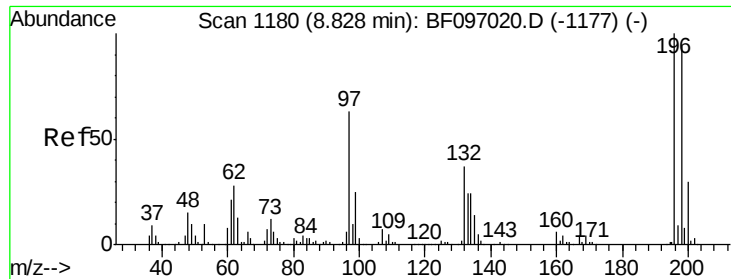
#42
 2,4,6-Trichlorophenol
 Concen: 39.49 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.03 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion:196 Resp: 168292
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.2 111.4
 200 29.5 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

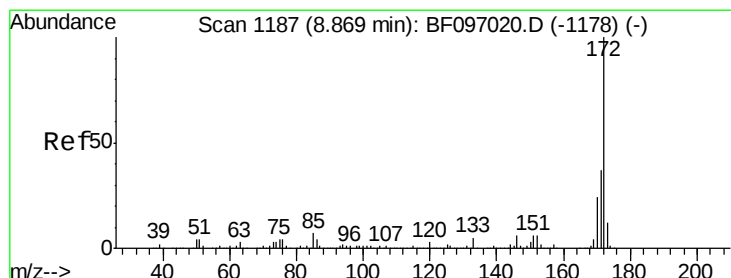
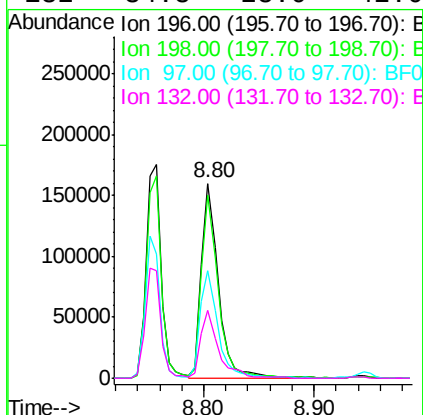
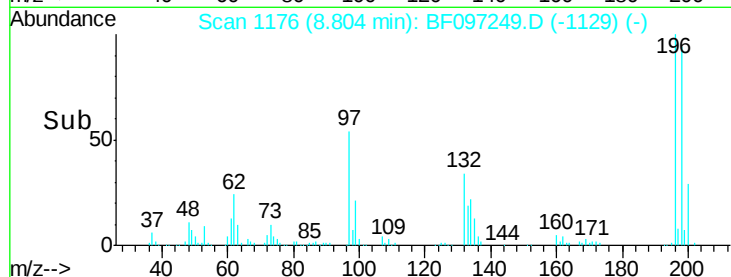
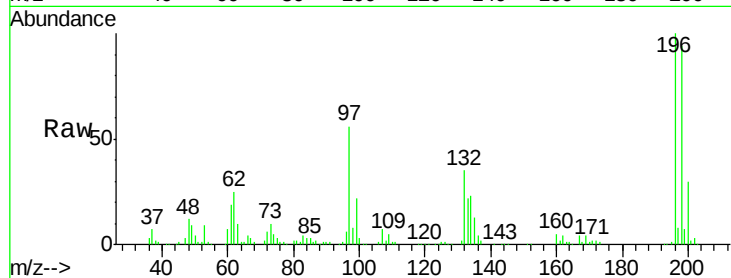




#43
 2,4,5-Trichlorophenol
 Concen: 38.70 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

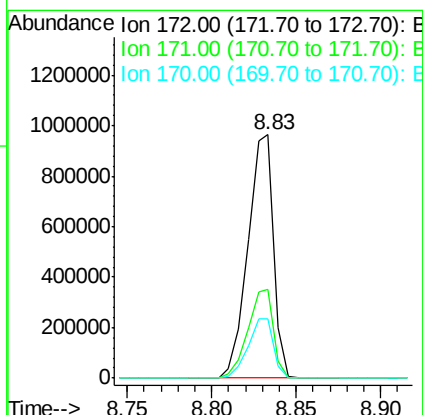
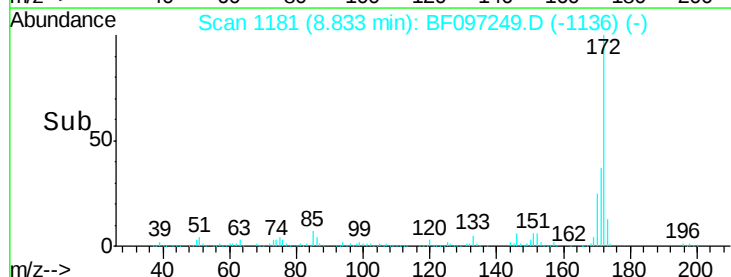
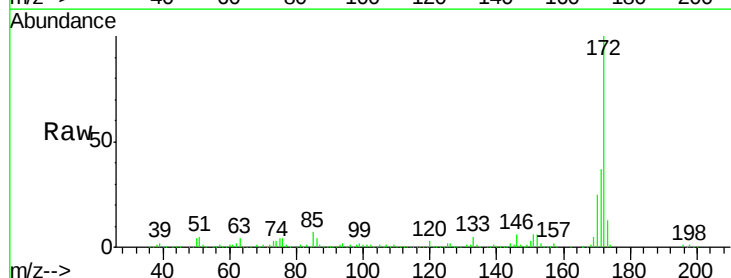
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

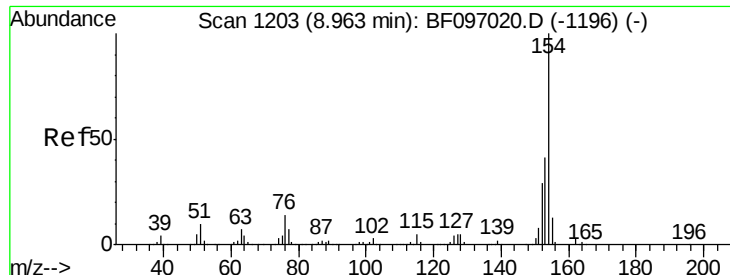
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.7	113.5
97	55.5	47.7	71.5
132	34.8	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 78.85 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.6	19.8	29.8

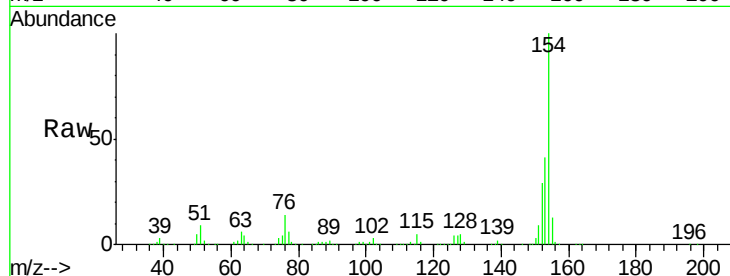




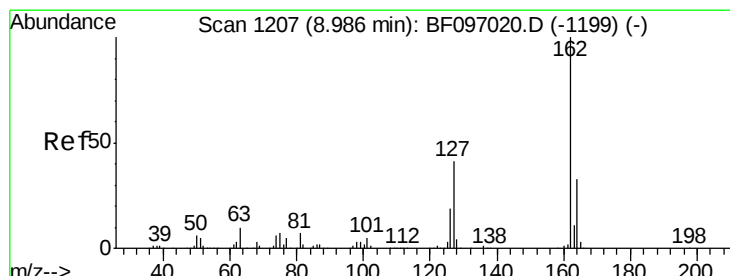
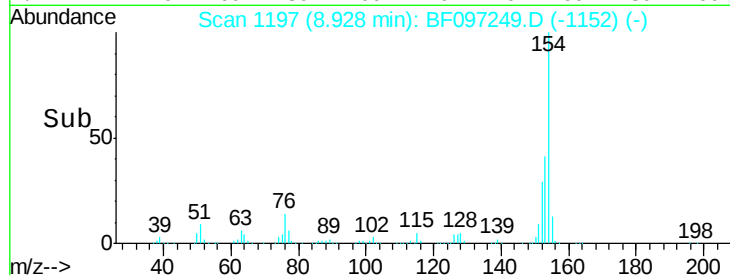
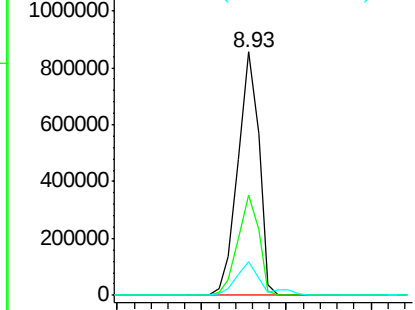
#45
 1,1'-Biphenyl
 Concen: 39.54 ng
 RT: 8.93 min Scan# 1197
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154	Resp:	744355
Ion Ratio	Lower	Upper
154	100	
153	41.1	21.2 61.2
76	13.8	0.0 29.9

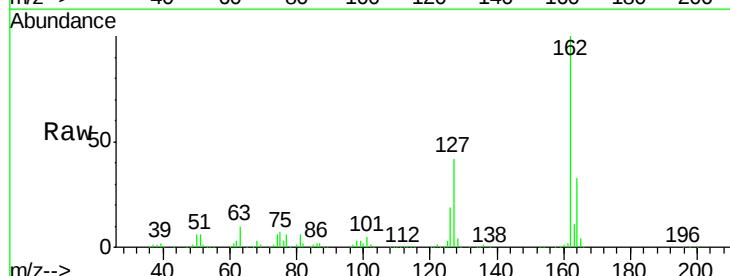


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

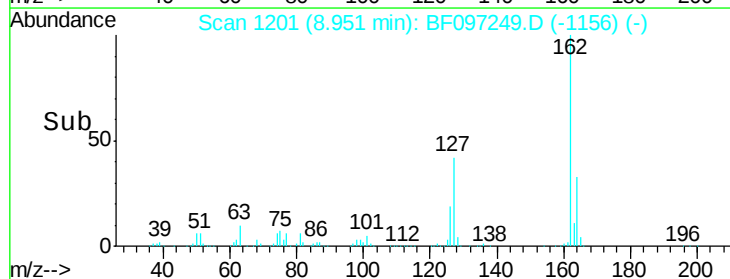
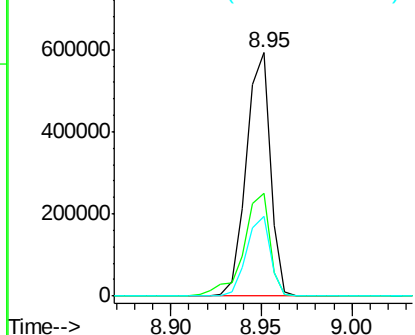


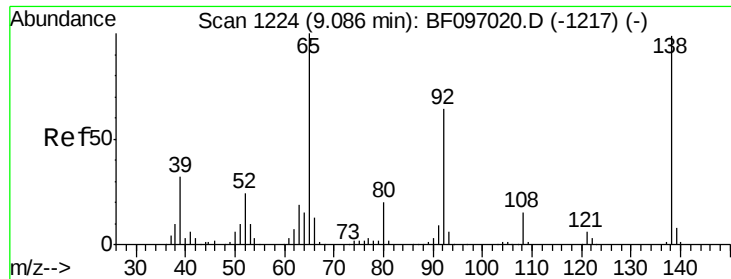
#46
 2-Chloronaphthalene
 Concen: 39.44 ng
 RT: 8.95 min Scan# 1201
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion:162	Resp:	546348
Ion Ratio	Lower	Upper
162	100	
127	42.2	28.3 42.5
164	32.9	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

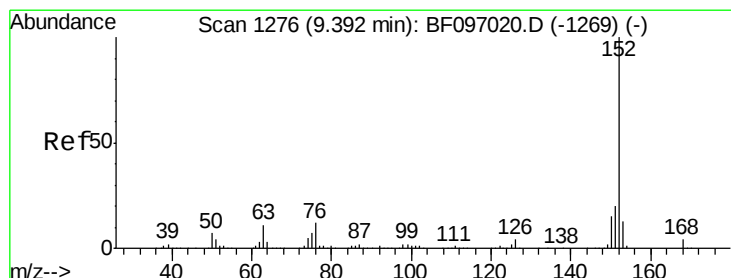
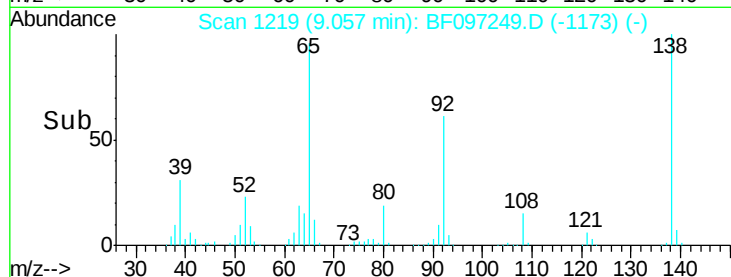
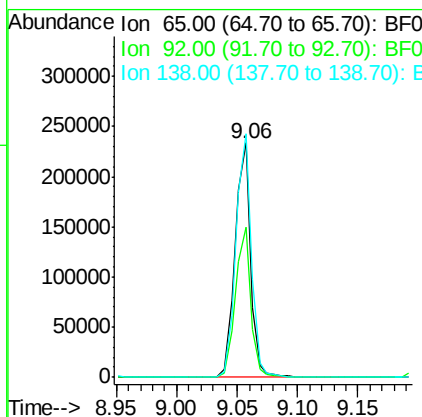
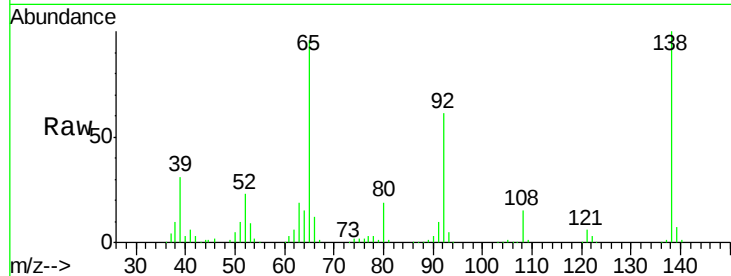




#47
2-Nitroaniline
Concen: 42.11 ng
RT: 9.06 min Scan# 1219
Delta R.T. -0.03 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

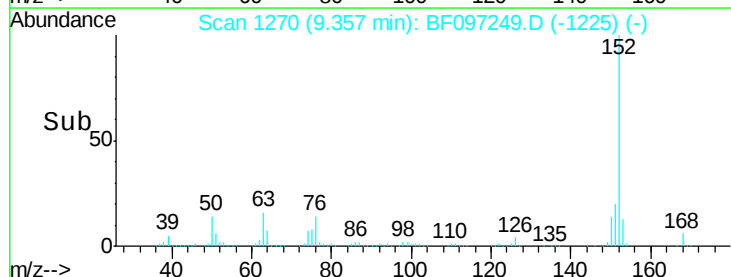
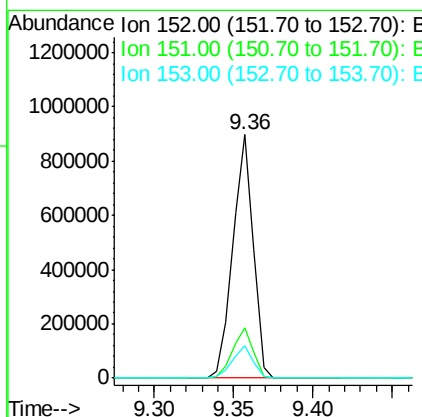
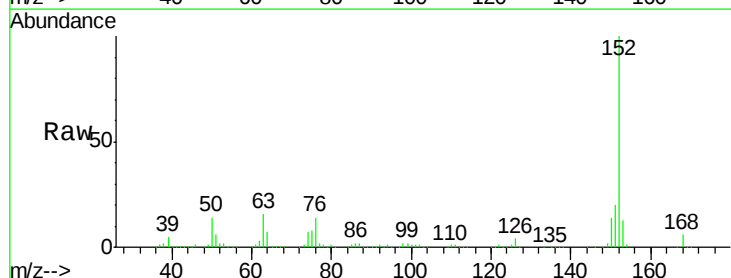
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

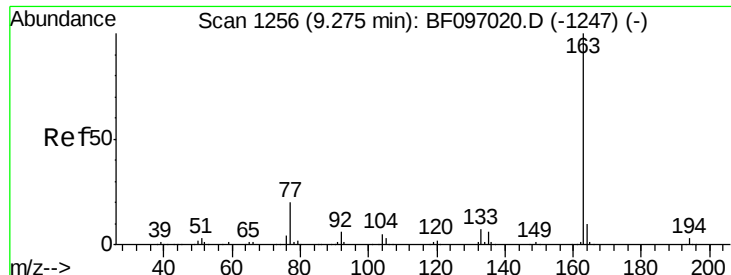
Tot Ion: 65 Resp: 211702
Ion Ratio Lower Upper
65 100
92 63.9 53.9 80.9
138 104.0 78.8 118.2



#48
Acenaphthylene
Concen: 37.50 ng
RT: 9.36 min Scan# 1270
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion: 152 Resp: 797468
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.1 10.8 16.2

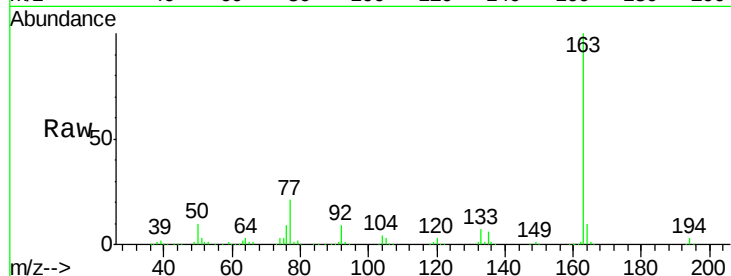




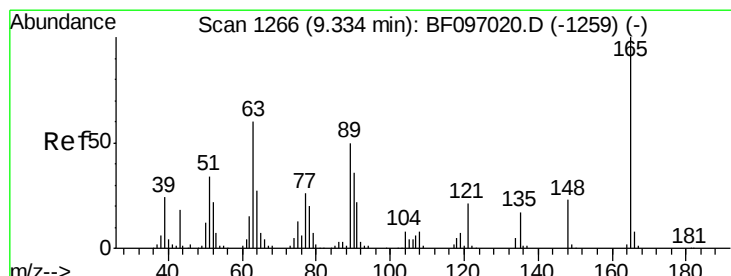
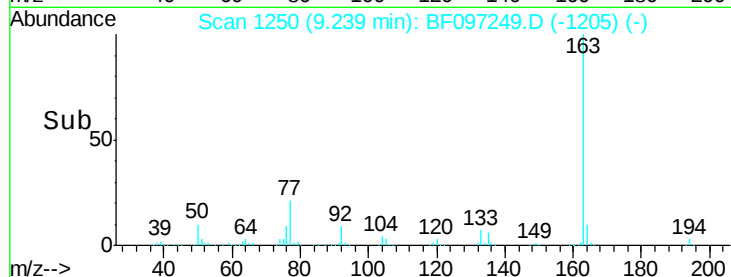
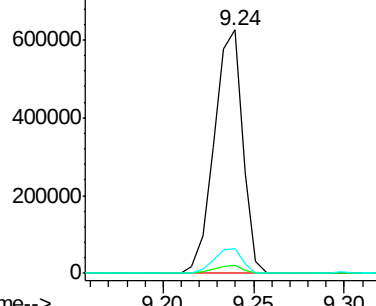
#49
Dimethylphthalate
Concen: 40.77 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	8.4	12.6

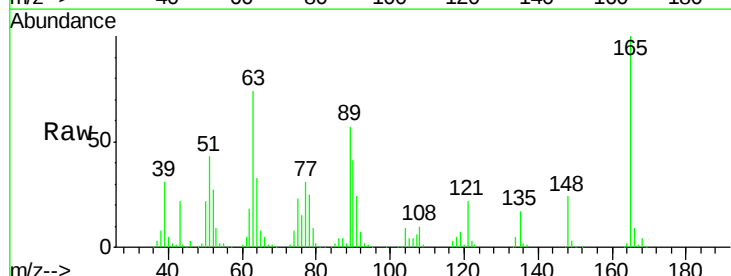


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

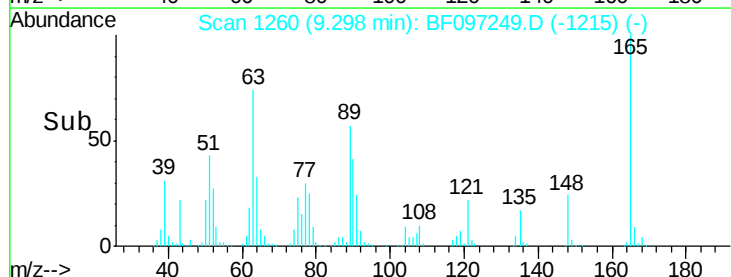
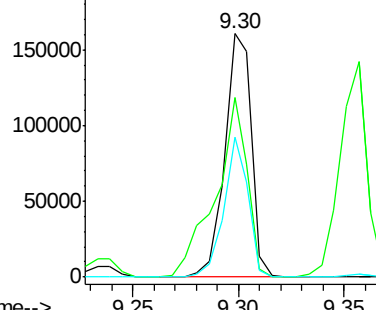


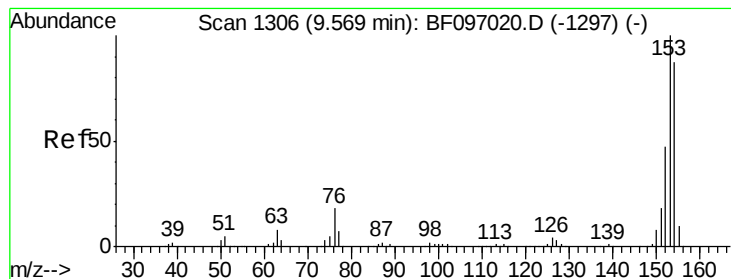
#50
2,6-Dinitrotoluene
Concen: 39.72 ng
RT: 9.30 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.9	34.3	51.5#
89	57.4	37.1	55.7#



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





#51

Acenaphthene

Concen: 38.71 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

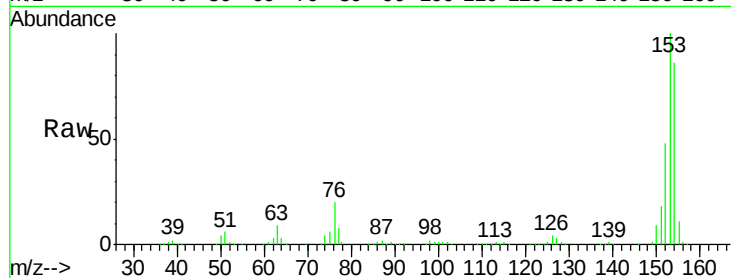
Tot Ion:154 Resp: 484927

Ion Ratio Lower Upper

154 100

153 115.7 90.5 135.7

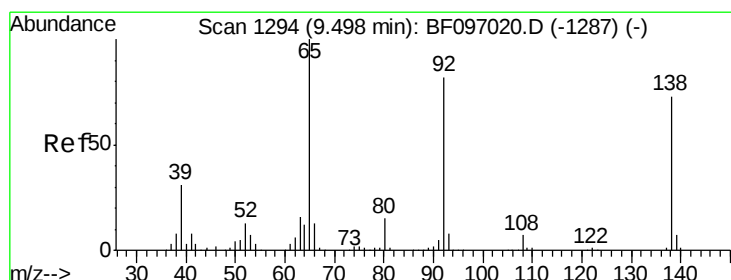
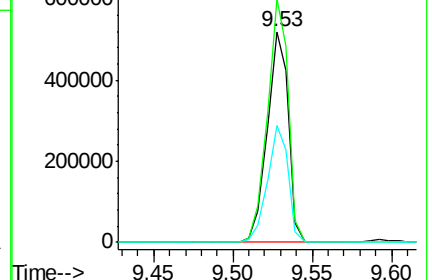
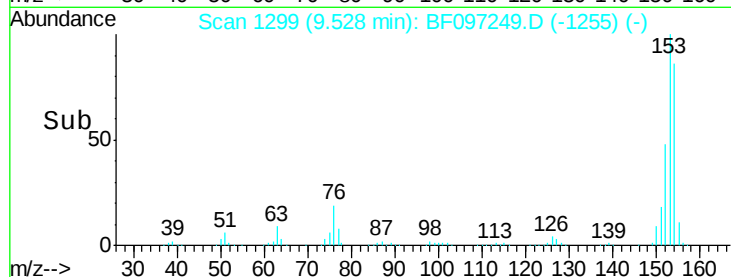
152 55.4 43.6 65.4



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: 39.64 ng

RT: 9.47 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

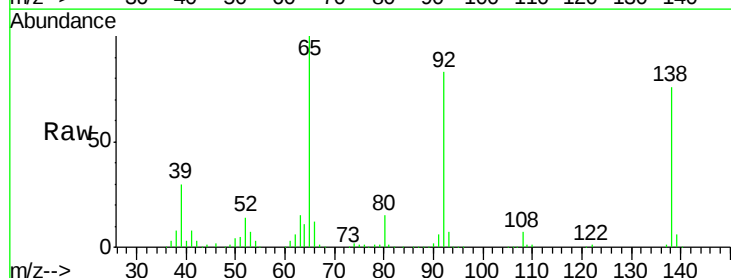
Tgt Ion:138 Resp: 174673

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

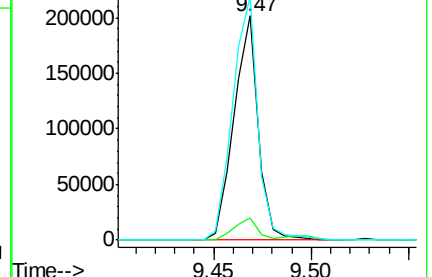
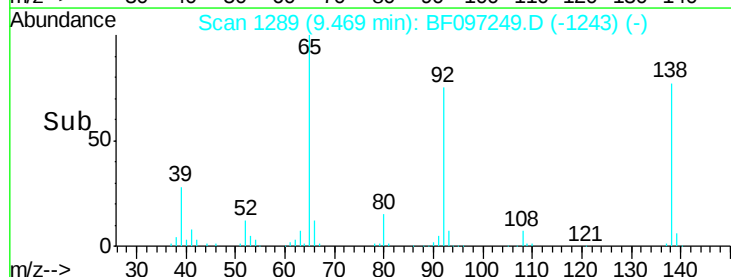
92 108.7 93.8 140.6

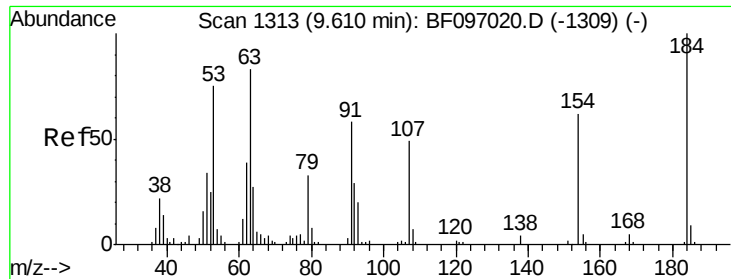


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

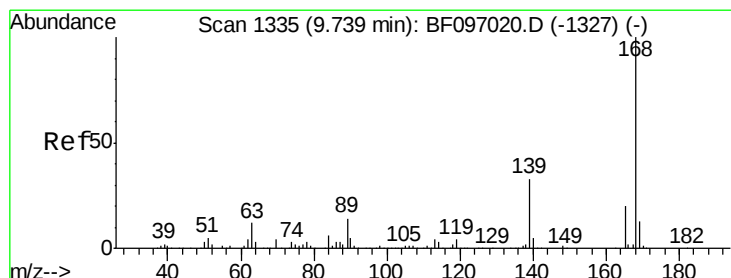
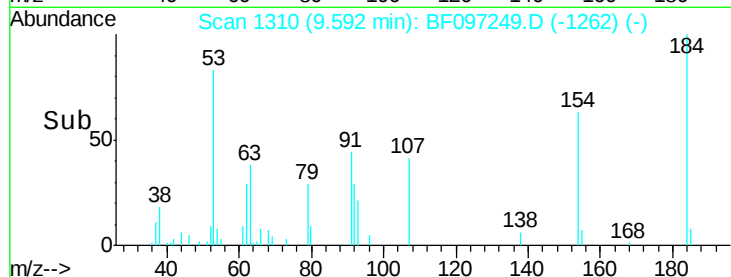
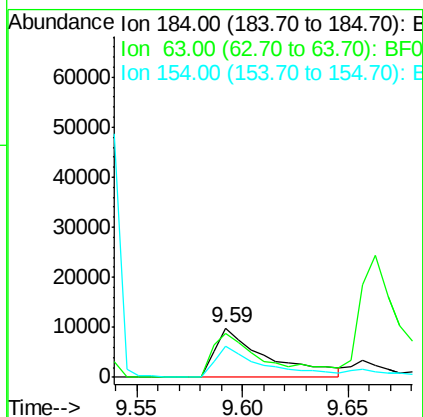
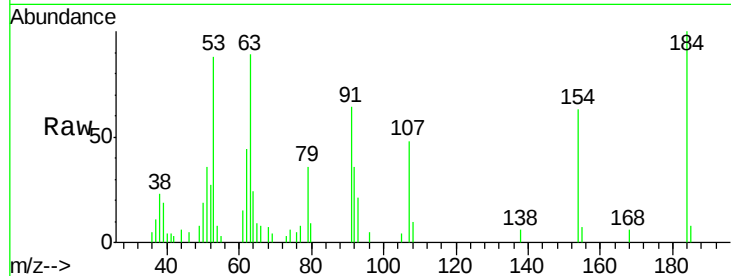




#53
 2,4-Dinitrophenol
 Concen: 10.37 ng
 RT: 9.59 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

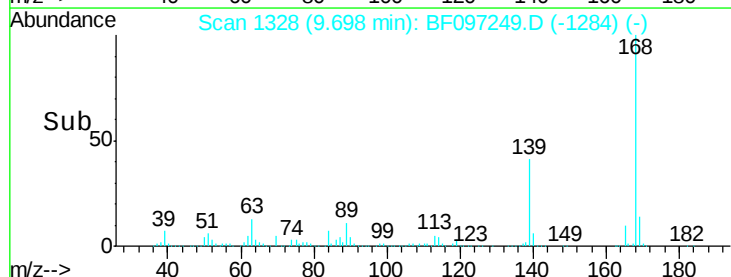
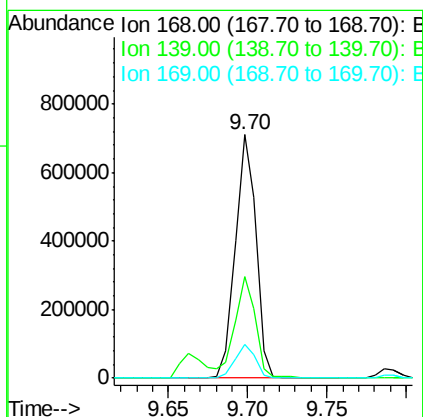
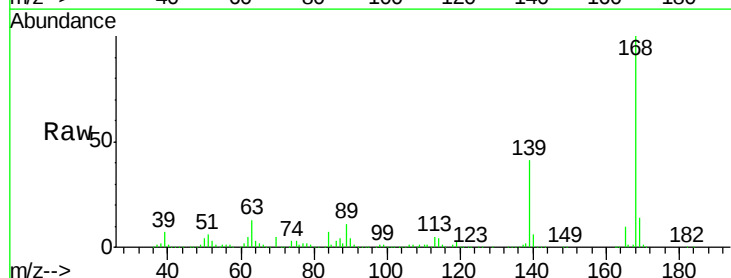
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

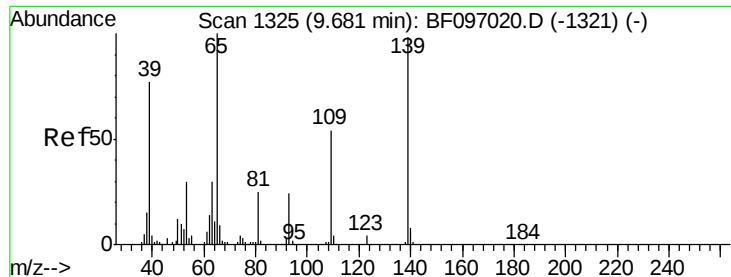
Tot Ion:184 Resp: 16741
 Ion Ratio Lower Upper
 184 100
 63 89.1 62.7 94.1
 154 62.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.39 ng
 RT: 9.70 min Scan# 1328
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion:168 Resp: 640475
 Ion Ratio Lower Upper
 168 100
 139 41.4 30.6 45.8
 169 14.0 10.8 16.2

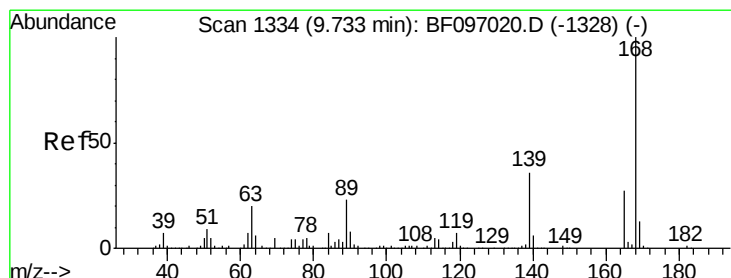
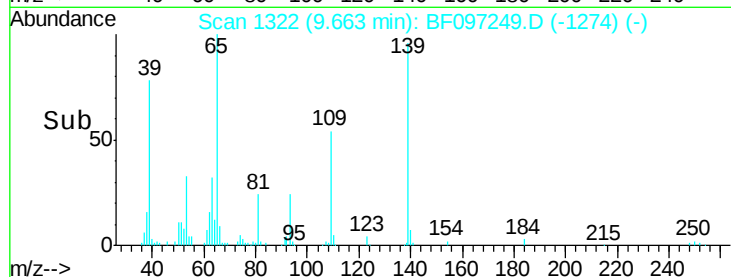
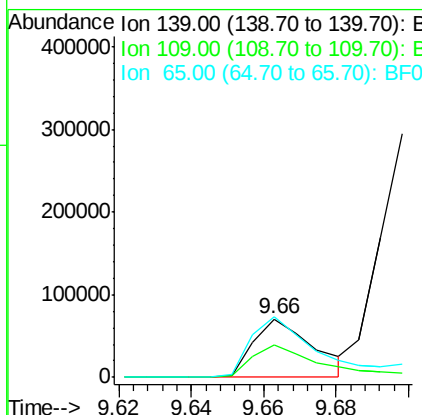
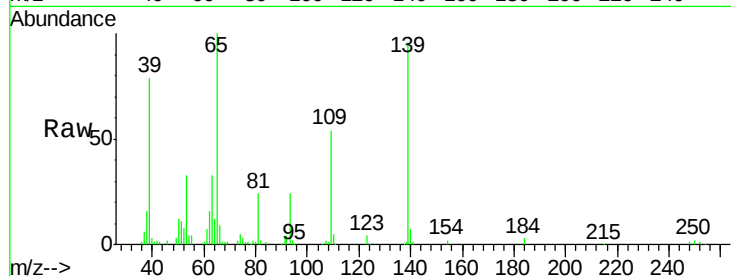




#55
4-Nitrophenol
Concen: 30.45 ng
RT: 9.66 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

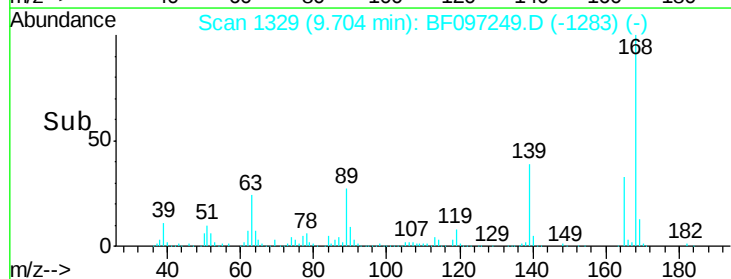
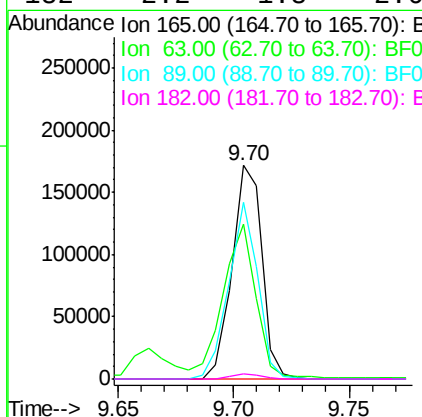
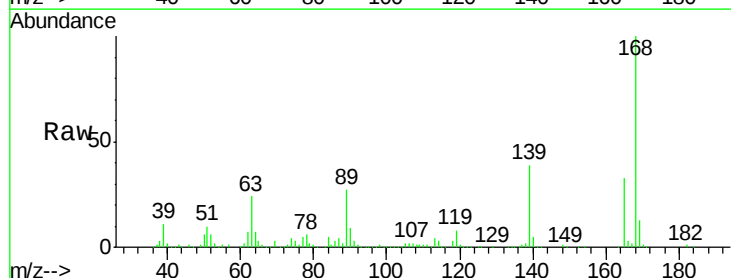
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

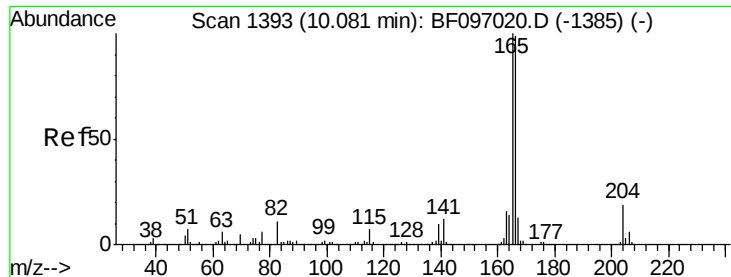
Tot Ion:139 Resp: 79800
Ion Ratio Lower Upper
139 100
109 56.5 34.1 74.1
65 104.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 38.00 ng
RT: 9.70 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion:165 Resp: 155090
Ion Ratio Lower Upper
165 100
63 72.3 25.4 38.0#
89 82.4 46.4 69.6#
182 2.2 1.8 2.6





#57

Fluorene

Concen: 38.01 ng

RT: 10.04 min Scan# 1386

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

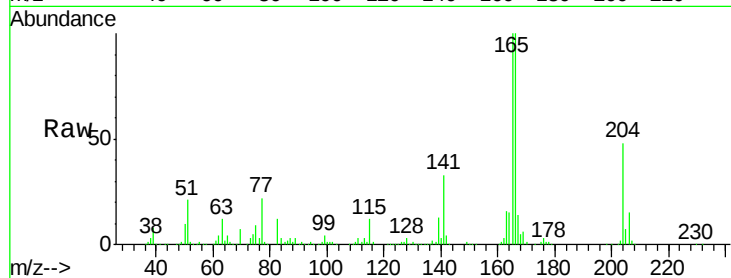
Tot Ion:166 Resp: 476670

Ion Ratio Lower Upper

166 100

165 100.1 78.8 118.2

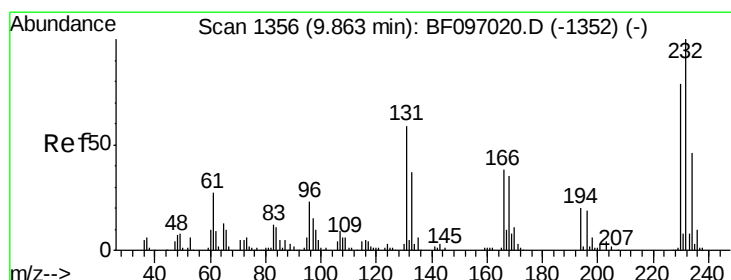
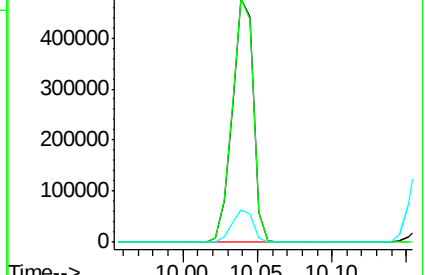
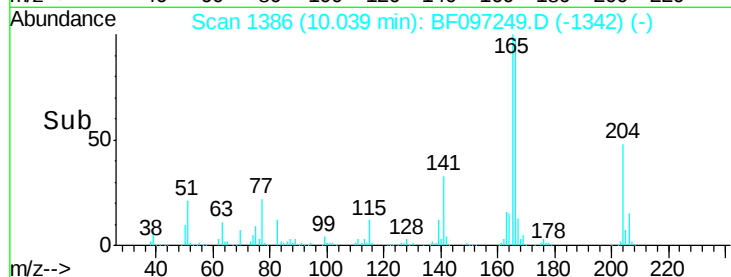
167 13.5 10.6 16.0



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: 34.84 ng

RT: 9.83 min Scan# 1351

Delta R.T. -0.03 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Tgt Ion:232 Resp: 102619

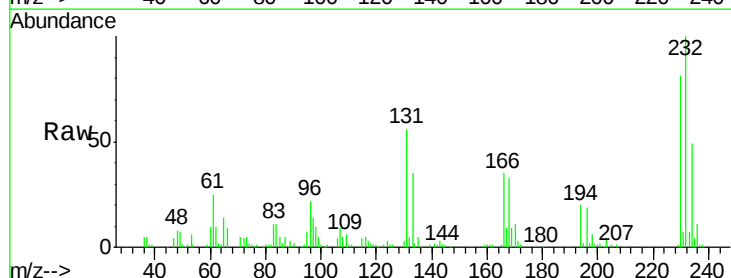
Ion Ratio Lower Upper

232 100

131 57.5 44.8 67.2

130 2.6 2.3 3.5

166 34.5 29.0 43.4

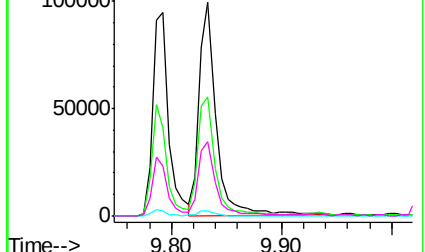
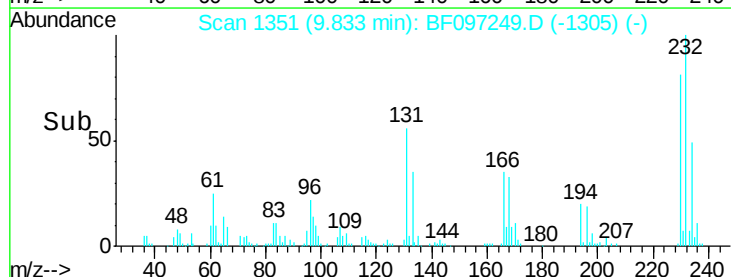


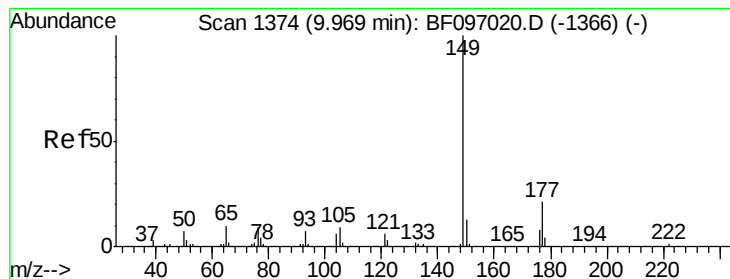
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.63 ng

RT: 9.93 min Scan# 1368

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

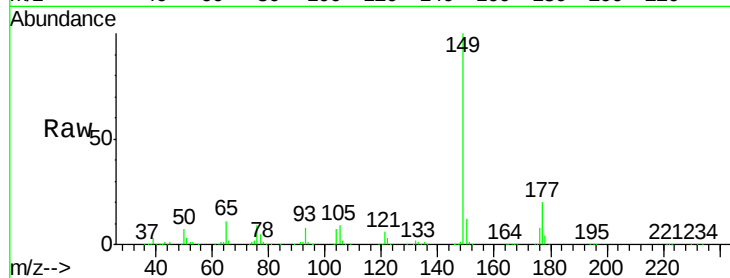
Tot Ion:149 Resp: 623905

Ion Ratio Lower Upper

149 100

177 20.4 16.7 25.1

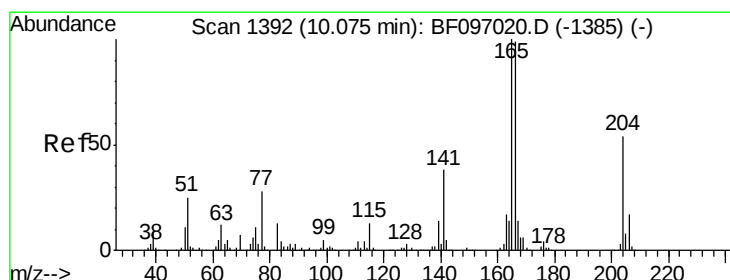
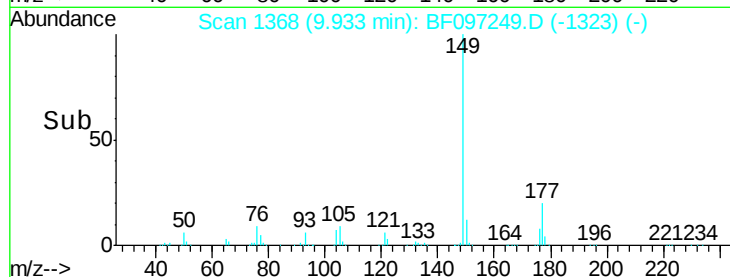
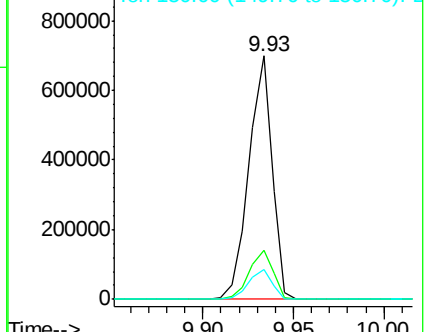
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.20 ng

RT: 10.04 min Scan# 1386

Delta R.T. -0.03 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

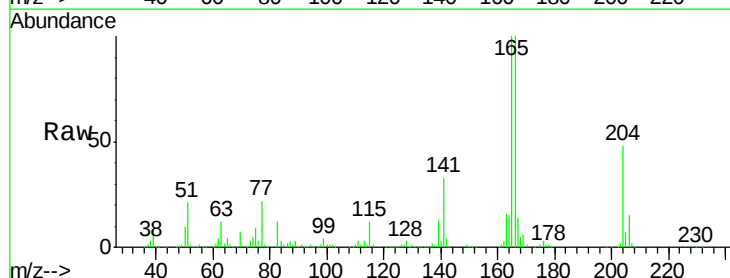
Tgt Ion:204 Resp: 208190

Ion Ratio Lower Upper

204 100

206 31.9 26.2 39.2

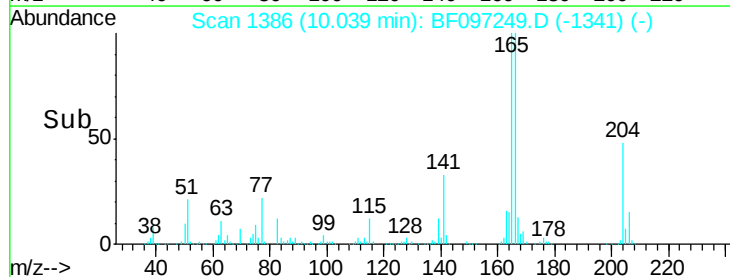
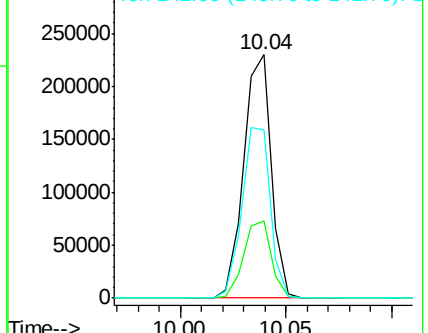
141 69.2 60.8 91.2

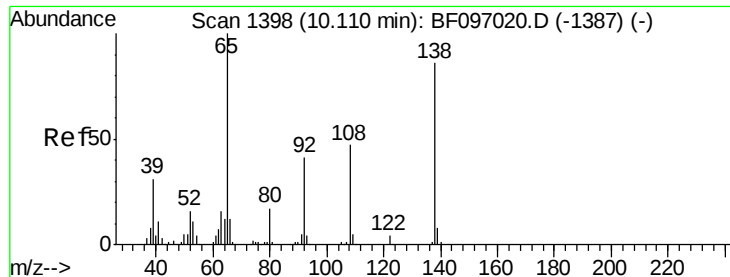


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.84 ng

RT: 10.08 min Scan# 1393

Delta R.T. -0.03 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

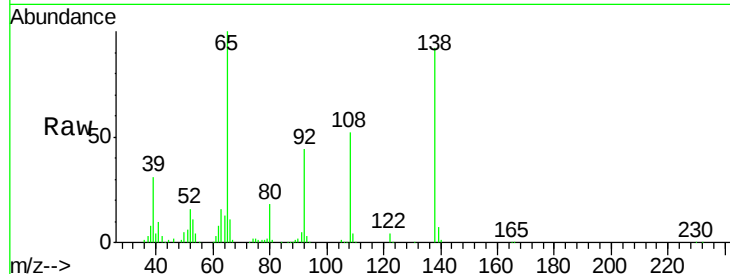
Tot Ion:138 Resp: 150070

Ion Ratio Lower Upper

138 100

92 47.4 21.8 61.8

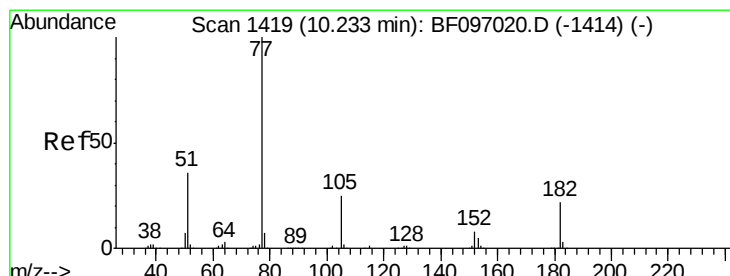
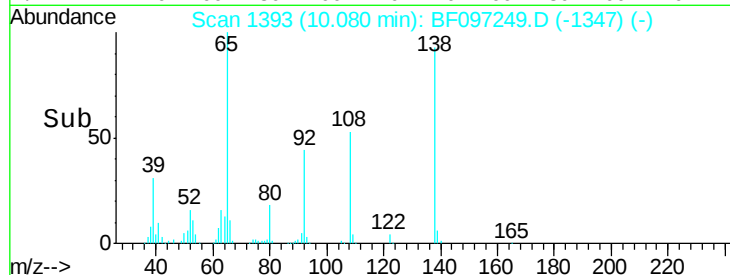
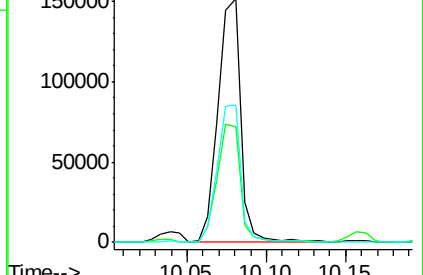
108 56.6 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.05 ng

RT: 10.20 min Scan# 1413

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Tgt Ion: 77 Resp: 570500

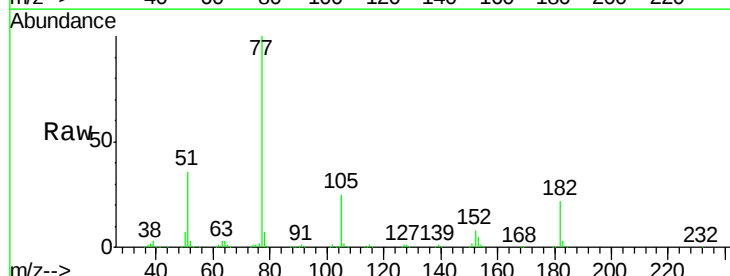
Ion Ratio Lower Upper

77 100

182 21.5 0.1 40.1

105 24.6 3.6 43.6

51 36.5 9.4 49.4

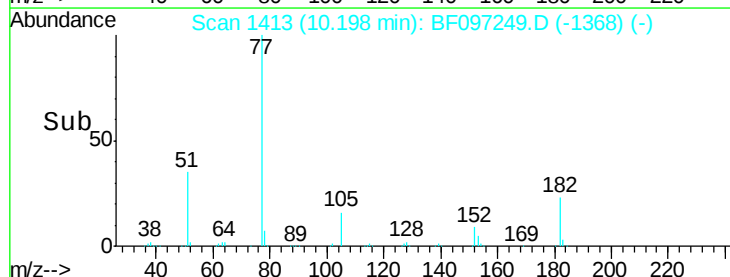
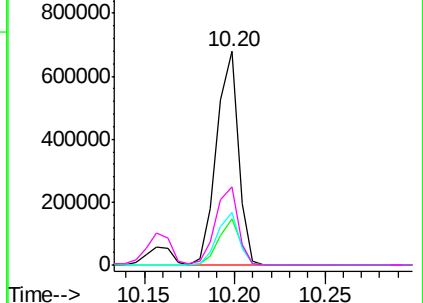


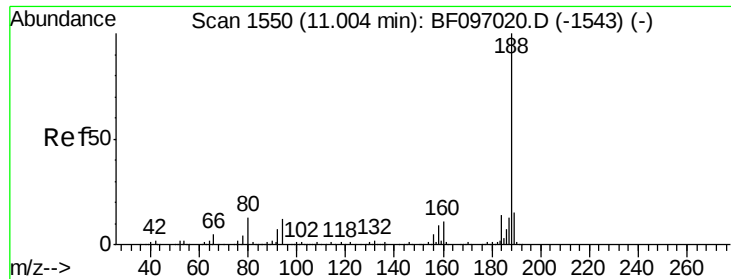
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

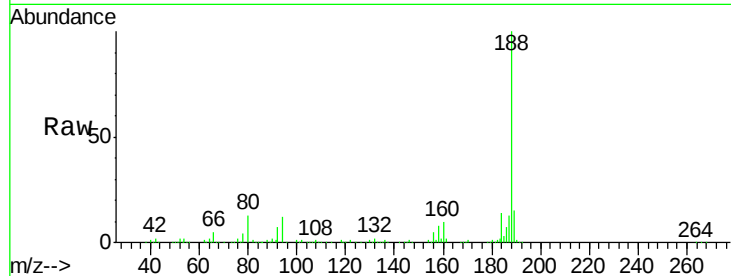




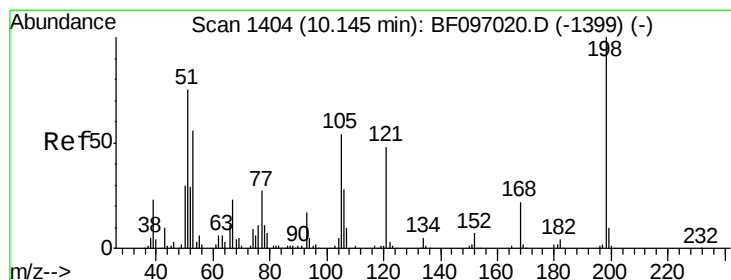
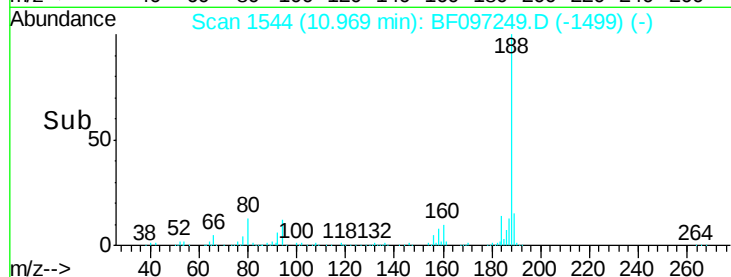
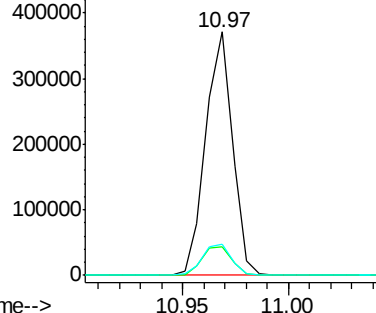
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 1544
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 324606
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.5 10.2 15.2

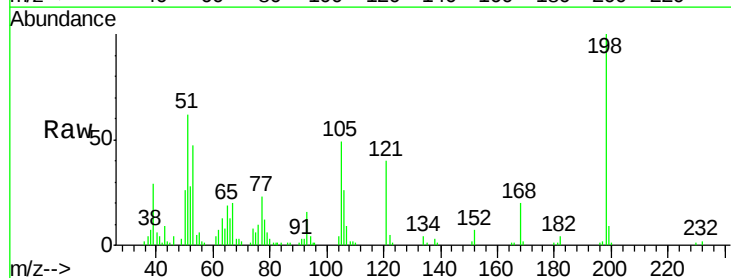


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

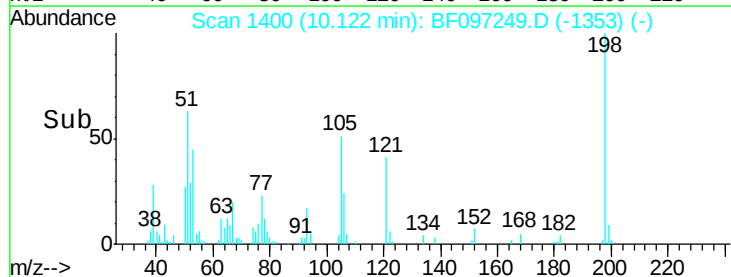
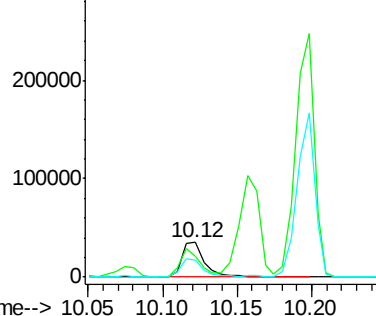


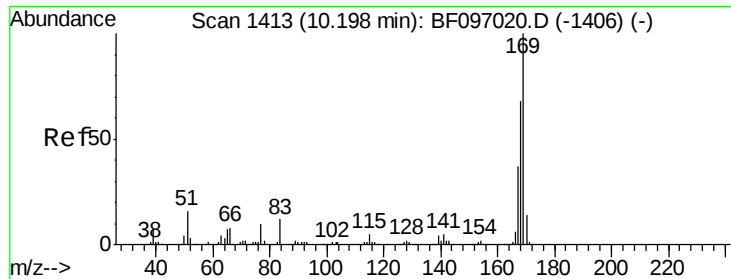
#64
4,6-Dinitro-2-methylphenol
Concen: 19.09 ng
RT: 10.12 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion:198 Resp: 38510
Ion Ratio Lower Upper
198 100
51 62.0 53.2 93.2
105 49.2 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

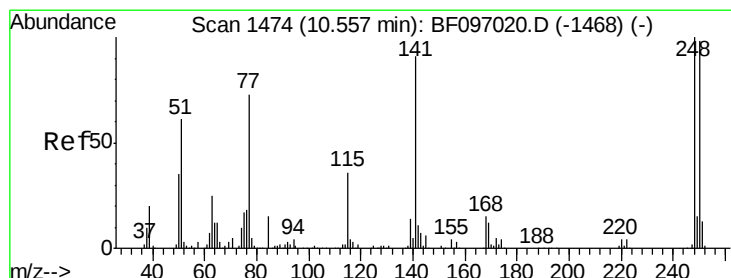
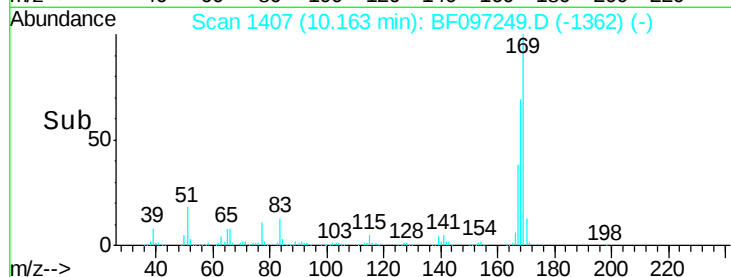
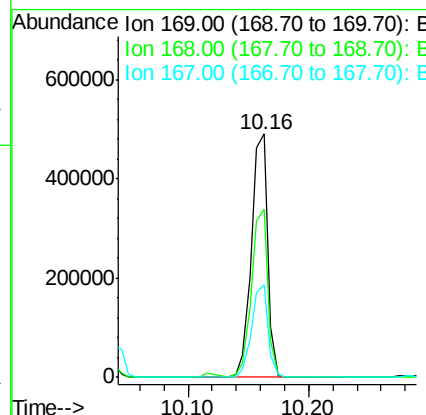
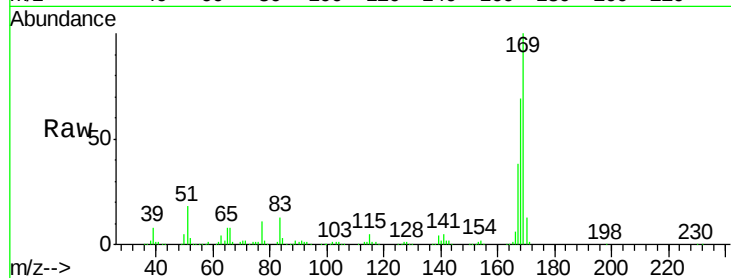




#65
 n-Nitrosodiphenylamine
 Concen: 41.16 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

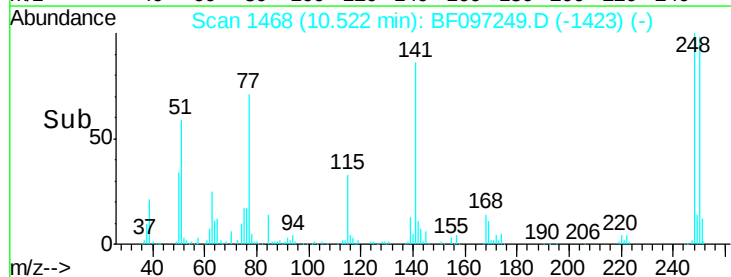
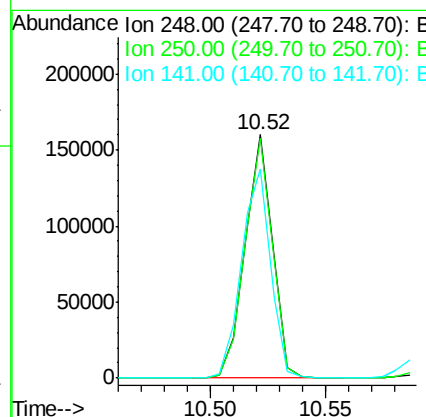
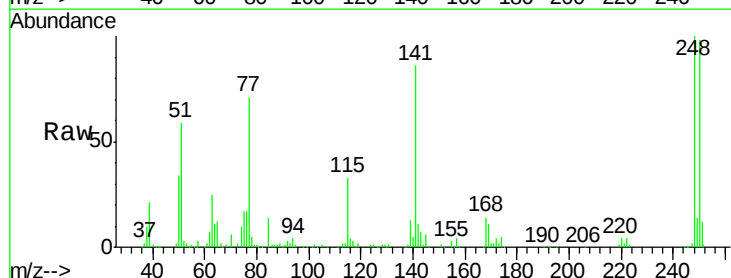
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

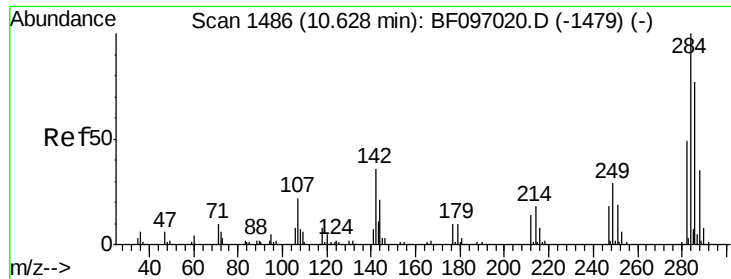
Tot Ion:169 Resp: 464897
 Ion Ratio Lower Upper
 169 100
 168 69.2 53.2 79.8
 167 38.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 41.08 ng
 RT: 10.52 min Scan# 1468
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion:248 Resp: 133088
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.8 115.2
 141 85.7 68.6 103.0

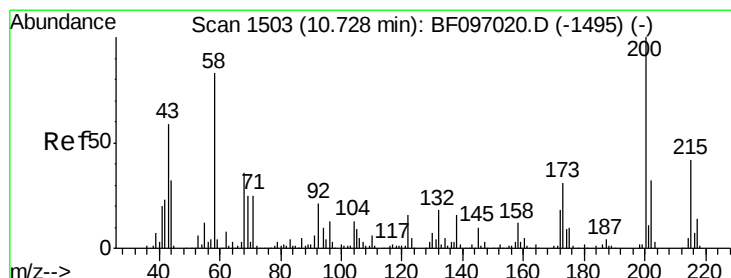
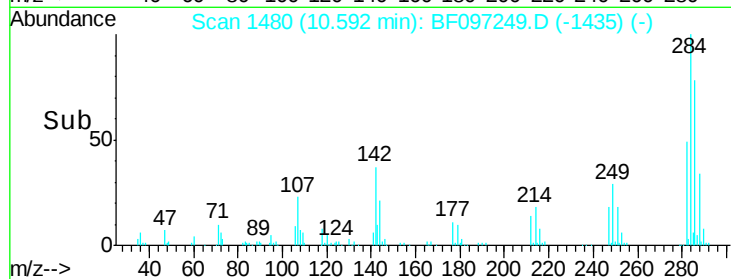
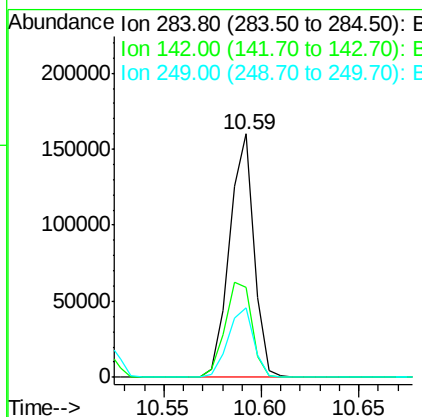
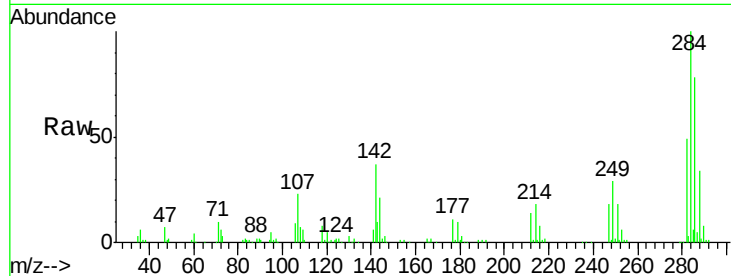




#67
Hexachlorobenzene
Concen: 38.26 ng
RT: 10.59 min Scan# 1480
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

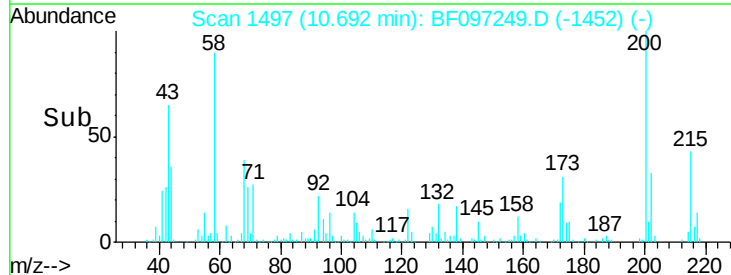
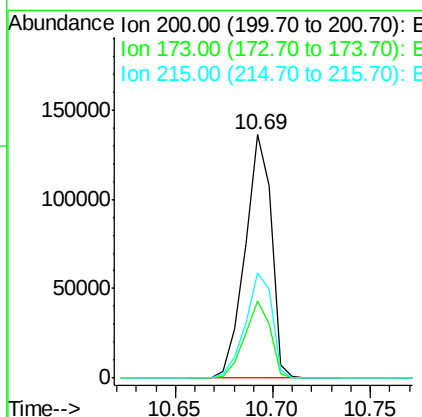
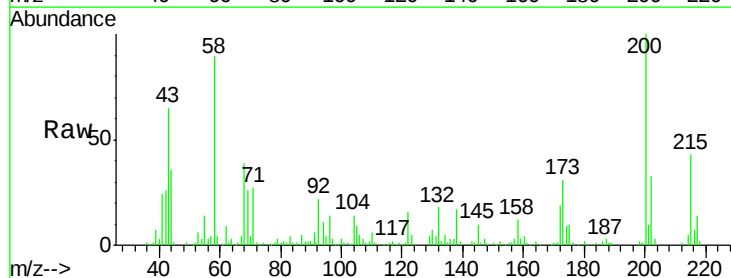
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

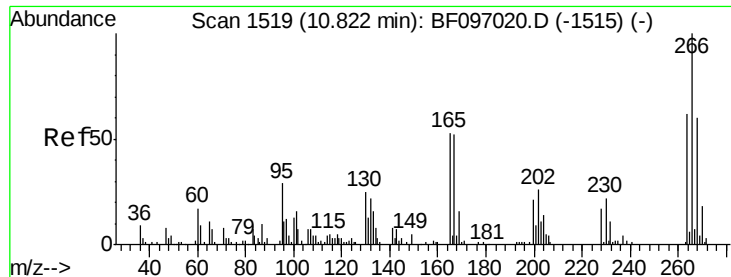
Tot Ion:284 Resp: 138995
Ion Ratio Lower Upper
284 100
142 37.1 22.8 34.2#
249 28.6 24.0 36.0



#68
Atrazine
Concen: 39.27 ng
RT: 10.69 min Scan# 1497
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion:200 Resp: 127186
Ion Ratio Lower Upper
200 100
173 31.5 6.3 46.3
215 43.4 27.2 67.2

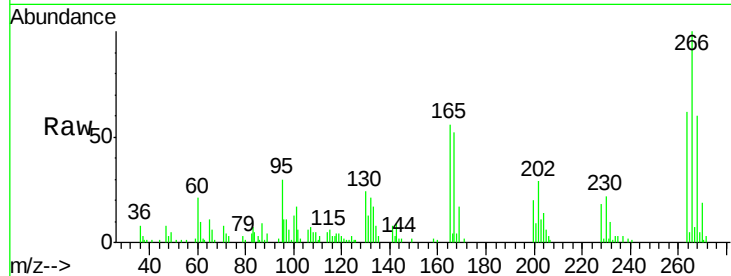




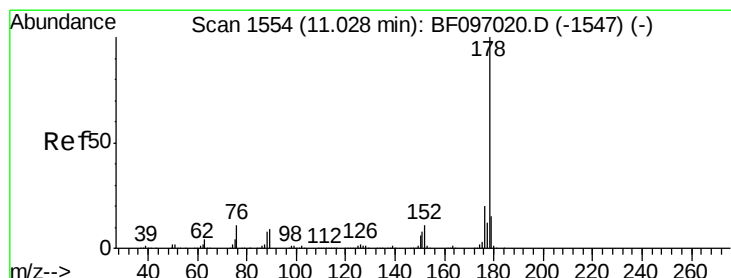
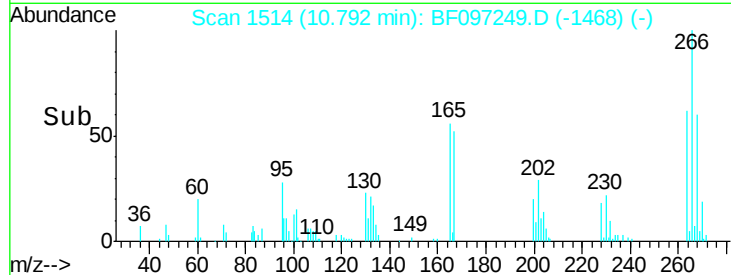
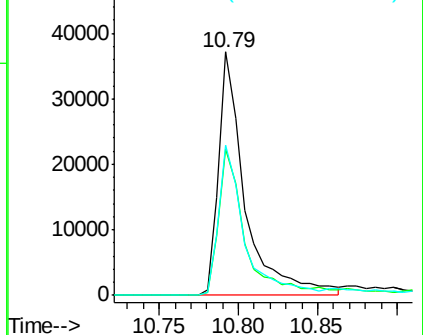
#69
 Pentachlorophenol
 Concen: 28.70 ng
 RT: 10.79 min Scan# 1514
 Delta R.T. -0.03 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 43131
 Ion Ratio Lower Upper
 266 100
 268 59.9 51.1 76.7
 264 61.8 51.7 77.5

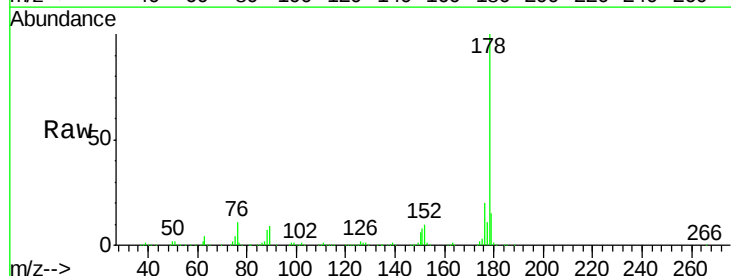


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

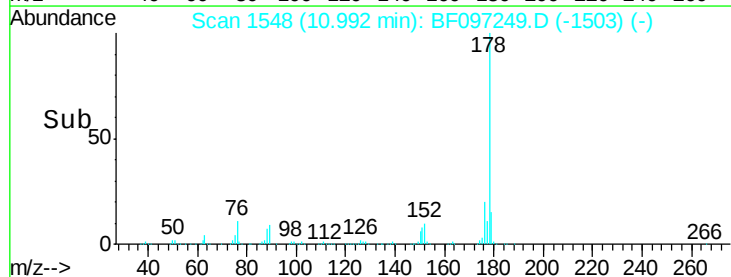
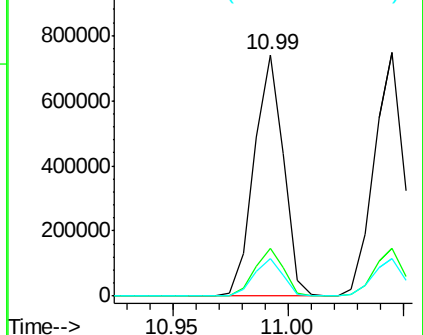


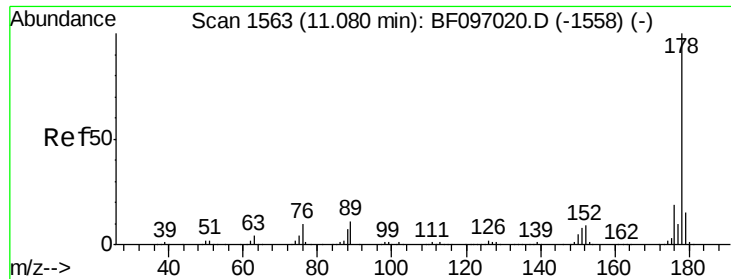
#70
 Phenanthrene
 Concen: 37.76 ng
 RT: 10.99 min Scan# 1548
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion:178 Resp: 656709
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.4 12.6 19.0



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





#71

Anthracene

Concen: 37.15 ng

RT: 11.05 min Scan# 1557

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

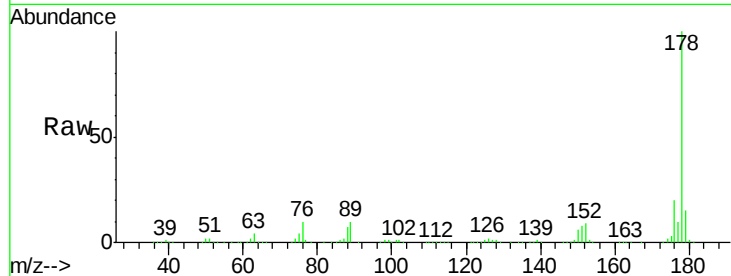
Tot Ion:178 Resp: 661754

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

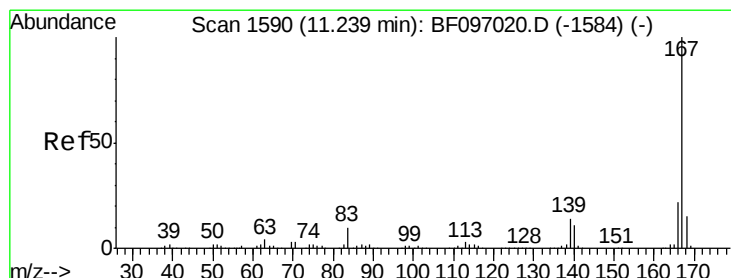
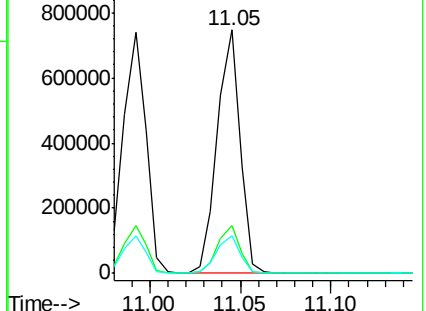
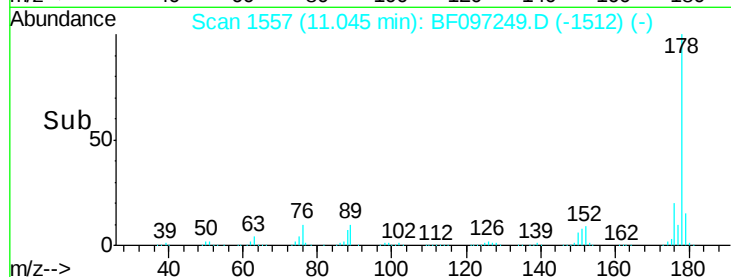
179 15.2 12.7 19.1



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



#72

Carbazole

Concen: 37.43 ng

RT: 11.20 min Scan# 1584

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

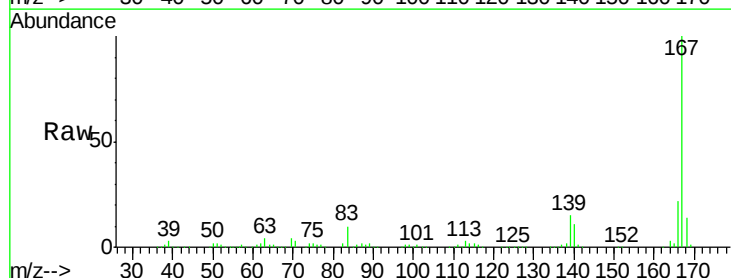
Tgt Ion:167 Resp: 655752

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

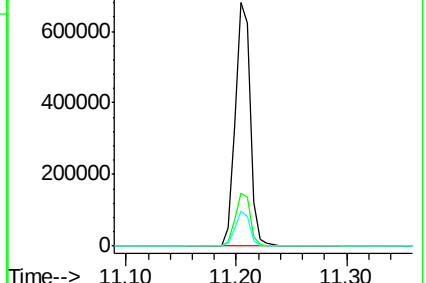
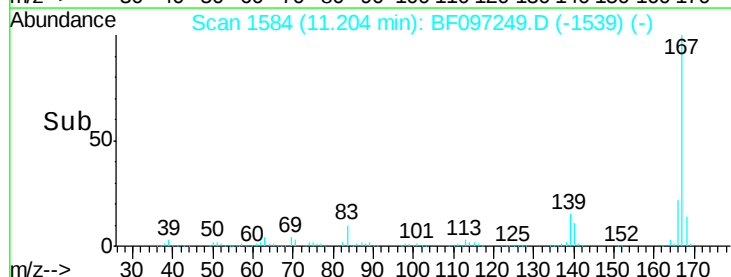
139 14.6 11.7 17.5

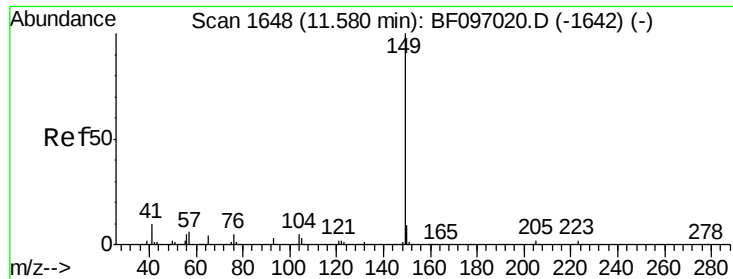


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.84 ng

RT: 11.55 min Scan# 1642

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

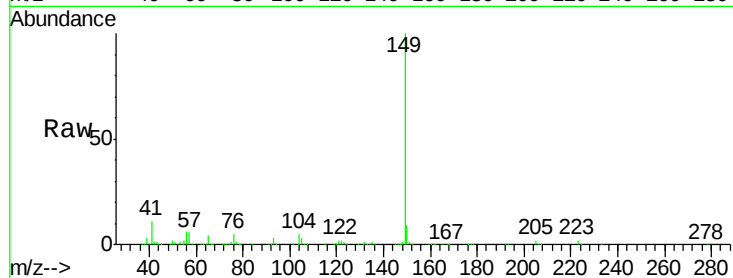
Tot Ion:149 Resp: 884373

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

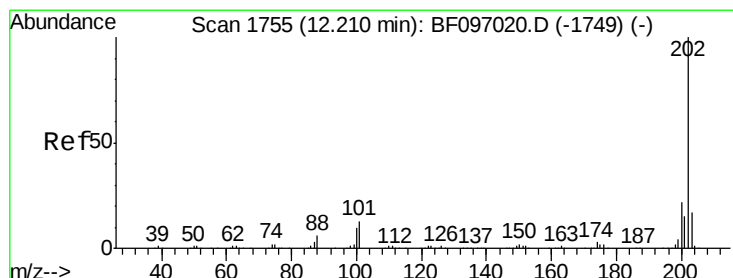
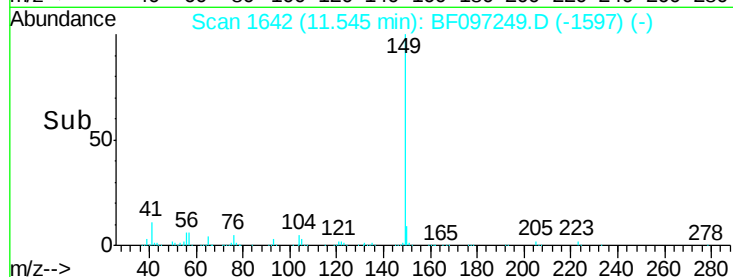
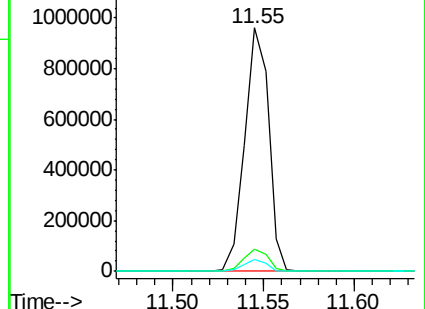
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.11 ng

RT: 12.17 min Scan# 1749

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

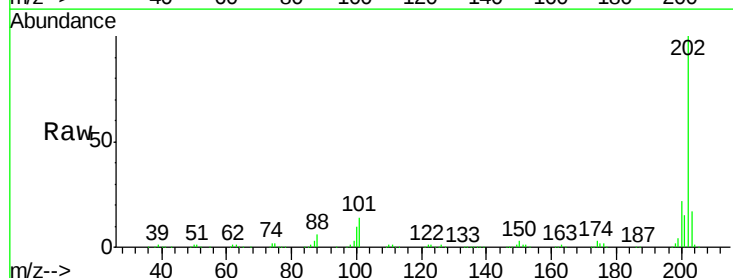
Tgt Ion:202 Resp: 615224

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

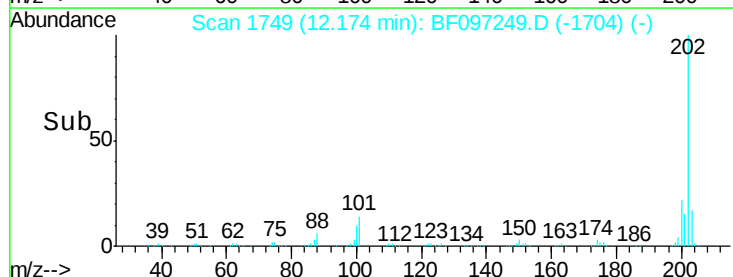
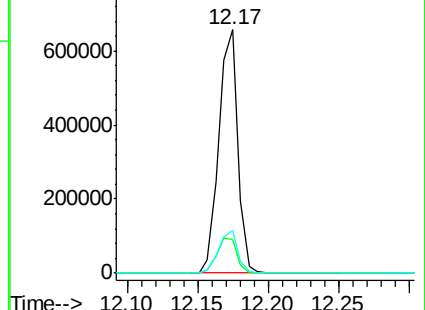
203 17.3 0.0 38.1

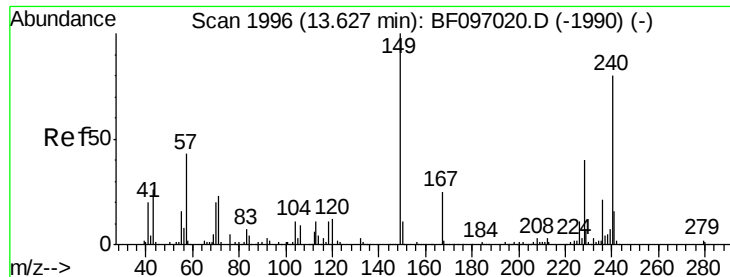


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

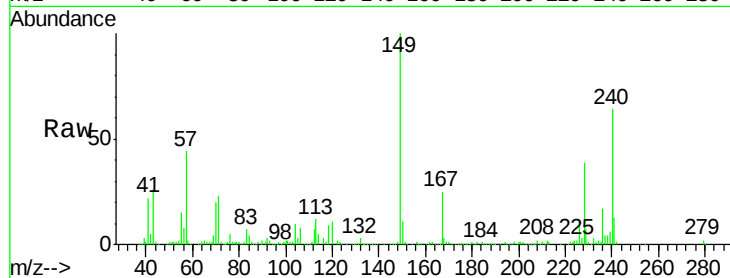
Tot Ion:240 Resp: 215961

Ion Ratio Lower Upper

240 100

120 17.6 5.8 8.8#

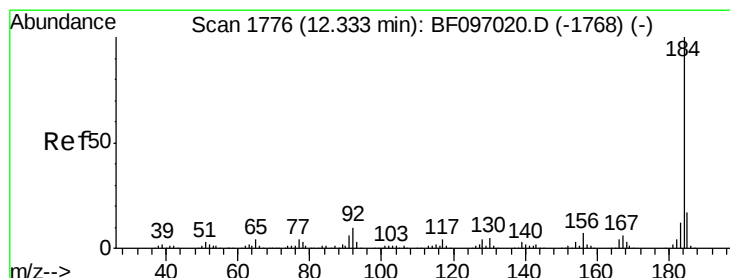
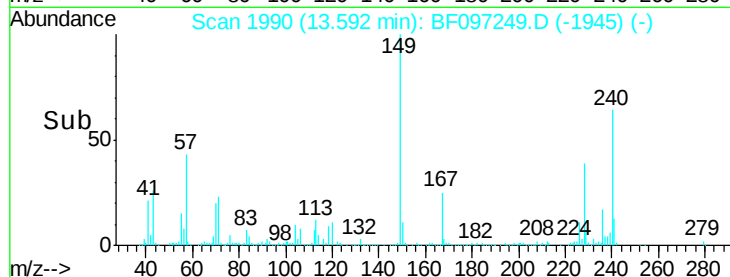
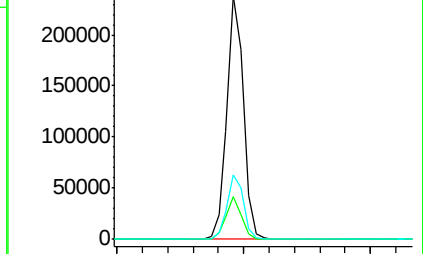
236 26.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.72 ng

RT: 12.30 min Scan# 1771

Delta R.T. -0.03 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

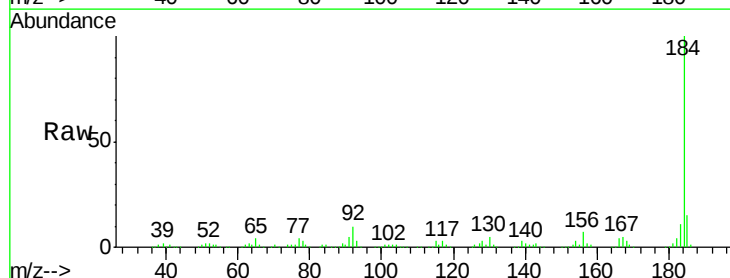
Tgt Ion:184 Resp: 294215

Ion Ratio Lower Upper

184 100

185 14.9 15.5 23.3#

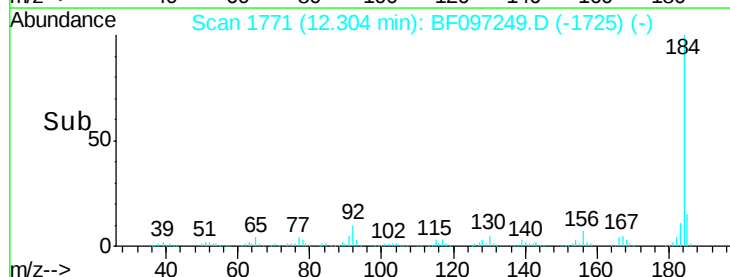
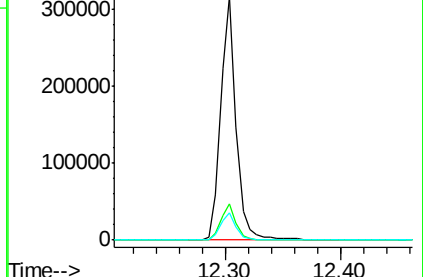
183 11.2 9.8 14.6

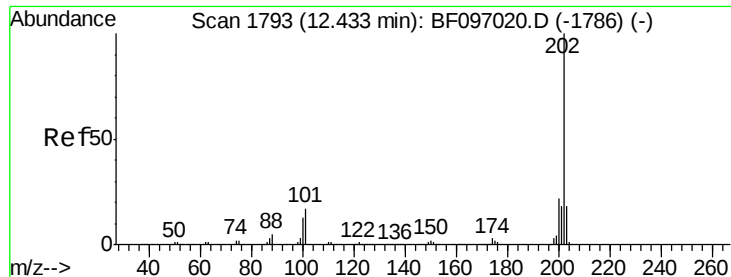


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

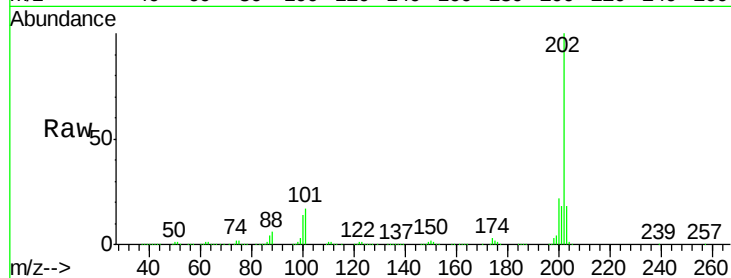




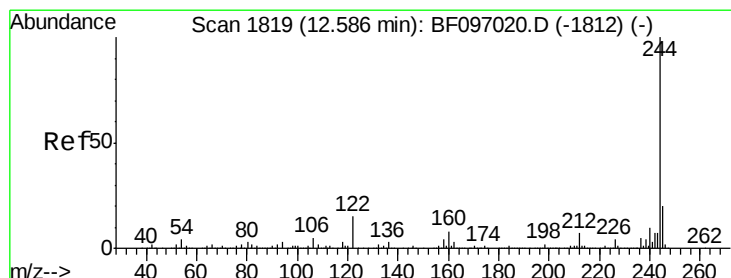
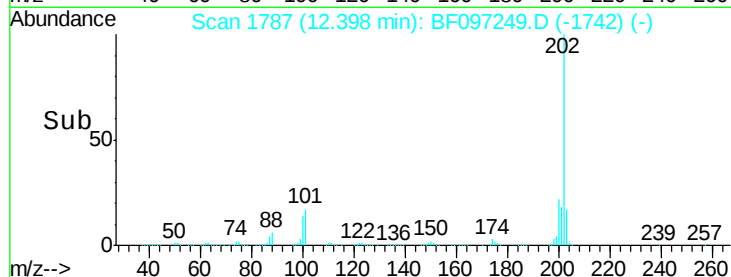
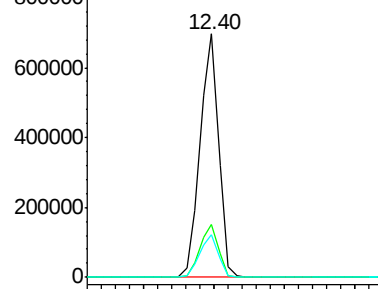
#77
Pvrene
Concen: 35.97 ng
RT: 12.40 min Scan# 1787
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 635992
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.6 14.4 21.6

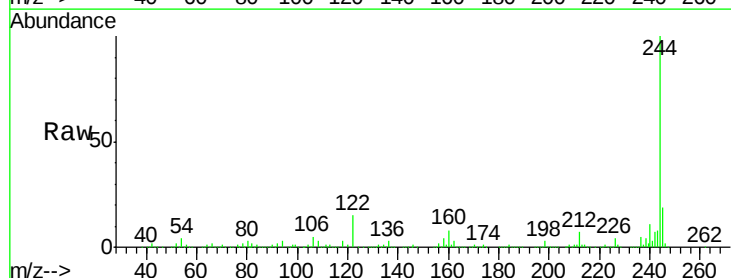


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

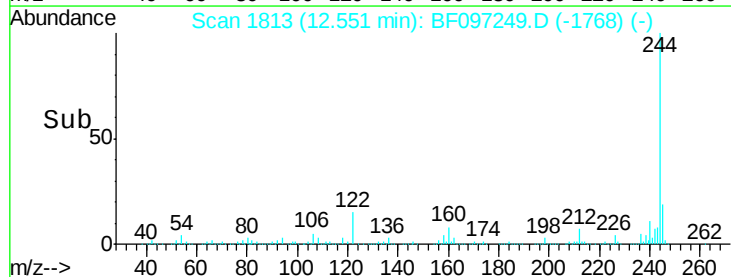
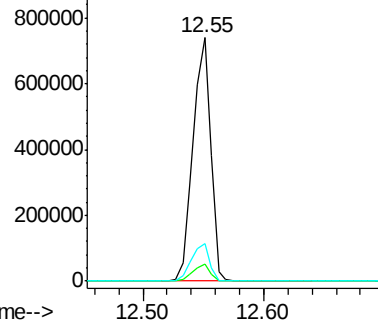


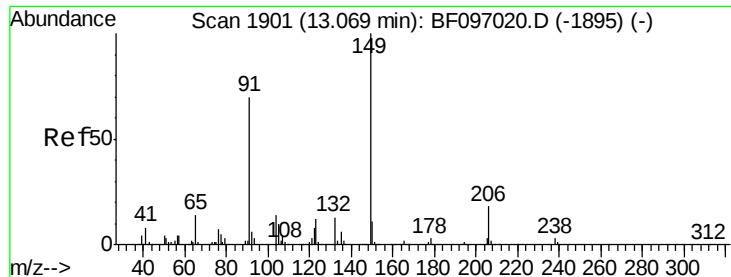
#78
Terphenyl-d14
Concen: 70.22 ng
RT: 12.55 min Scan# 1813
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion:244 Resp: 743737
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 15.4 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

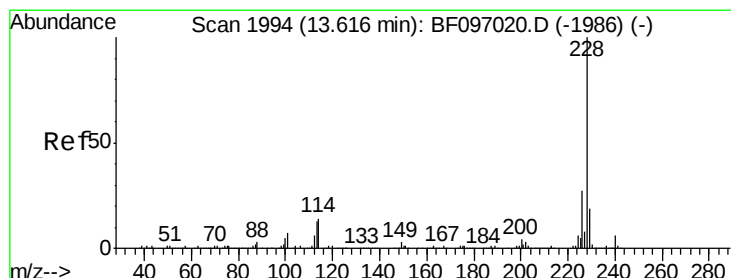
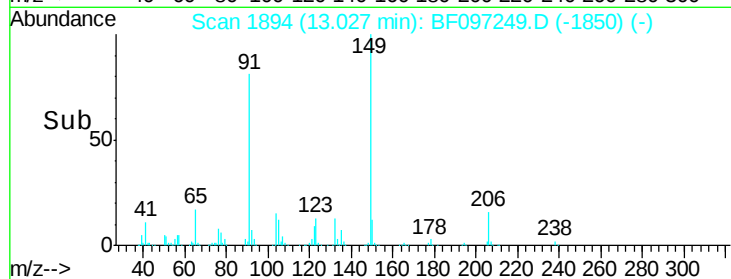
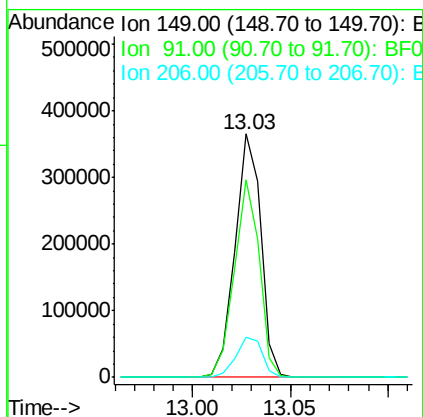
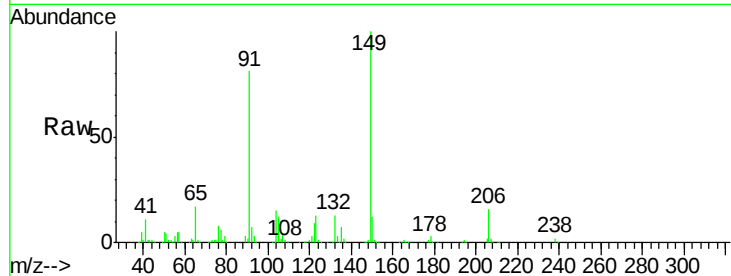




#79
Butylbenzylphthalate
Concen: 37.30 ng
RT: 13.03 min Scan# 1894
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

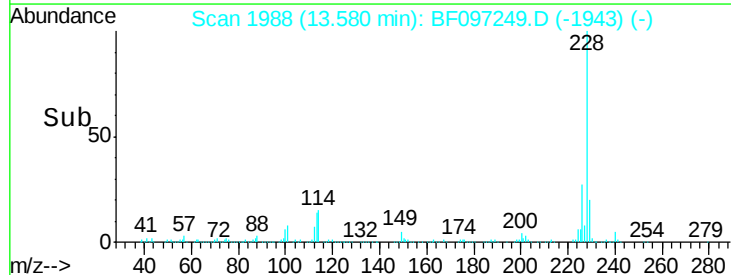
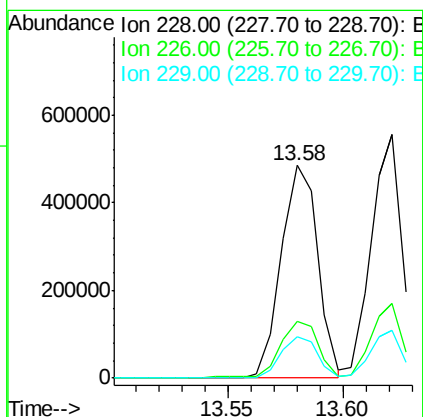
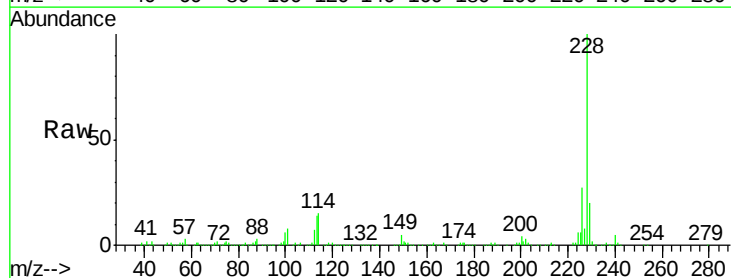
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

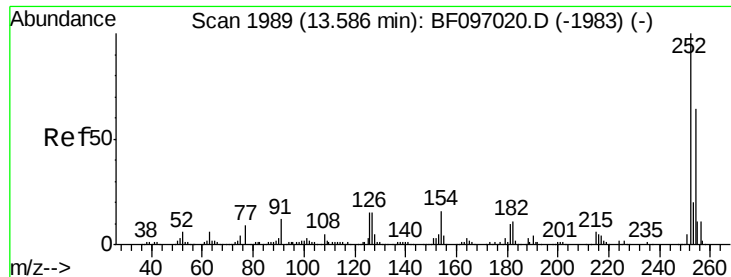
Tot Ion	Ratio	Lower	Upper
149	100		
91	81.3	45.0	67.4#
206	16.5	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 38.03 ng
RT: 13.58 min Scan# 1988
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.6	16.3	24.5

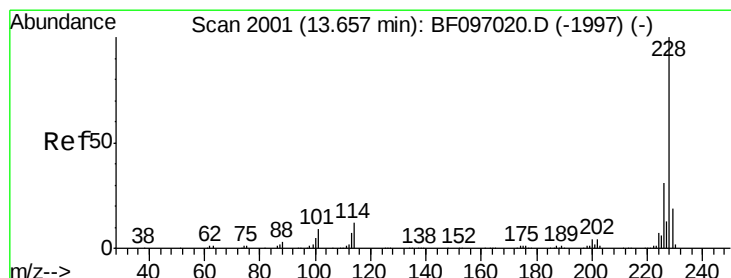
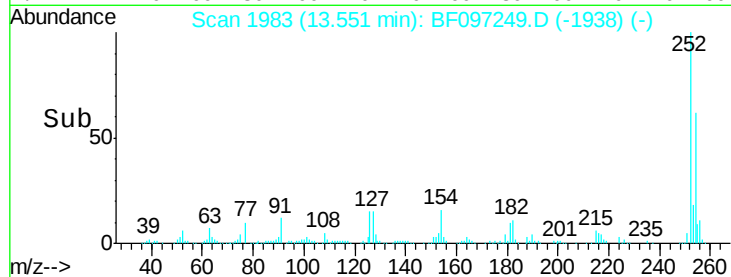
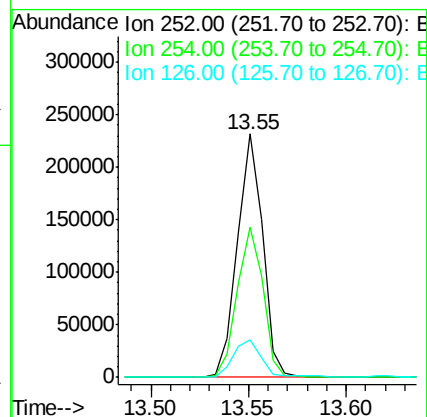
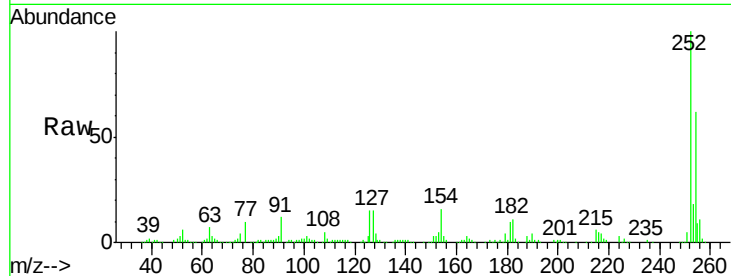




#81
 3,3'-Dichlorobenzidine
 Concen: 39.83 ng
 RT: 13.55 min Scan# 1983
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

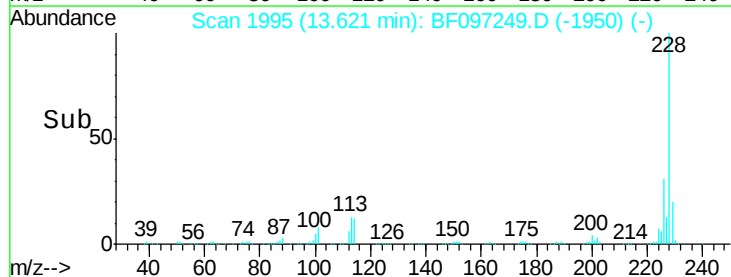
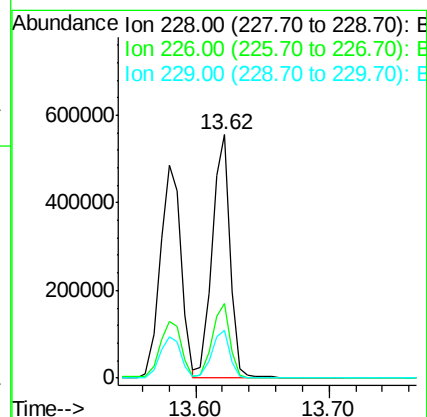
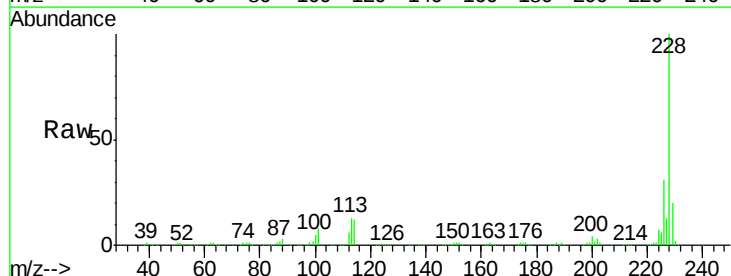
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

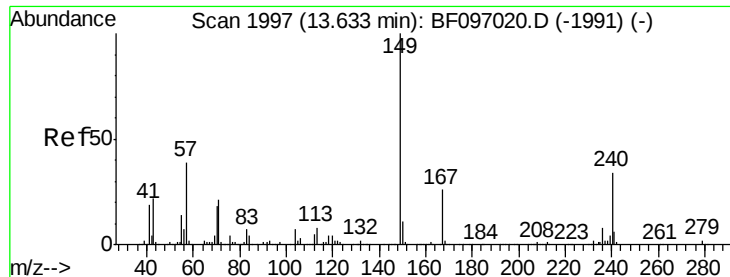
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.8	51.5	77.3
126	15.4	15.8	23.8#



#82
 Chrysene
 Concen: 38.07 ng
 RT: 13.62 min Scan# 1995
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.5	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.01 ng

RT: 13.60 min Scan# 1991

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

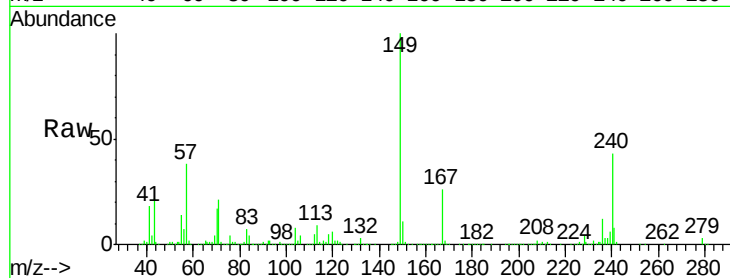
Tot Ion:149 Resp: 422852

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

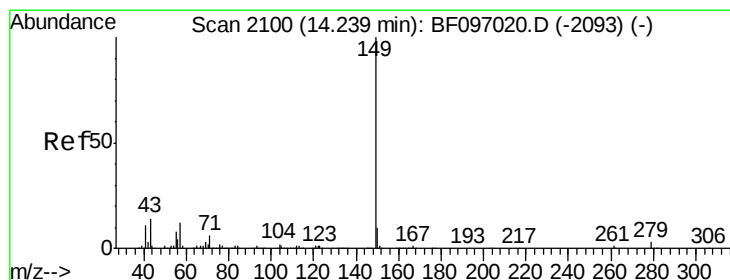
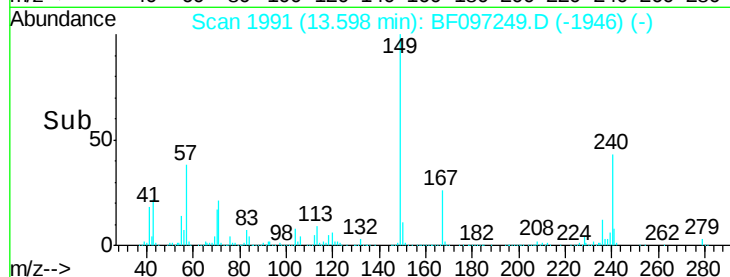
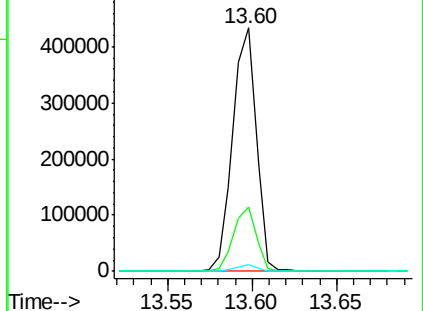
279 2.6 1.9 2.9



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: 37.14 ng

RT: 14.20 min Scan# 2094

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

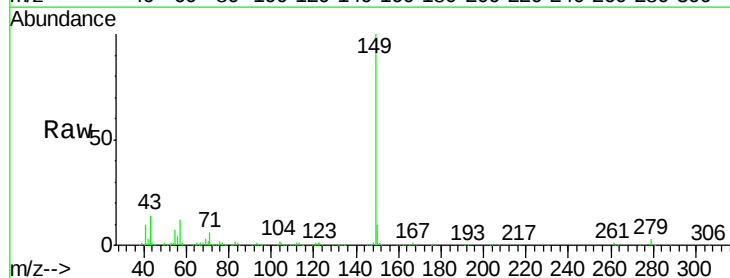
Tgt Ion:149 Resp: 800241

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

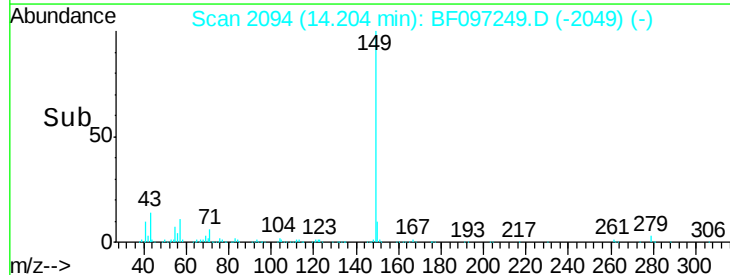
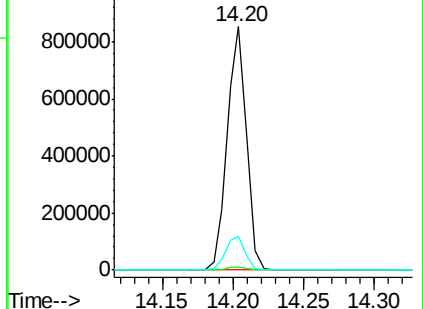
43 14.2 8.5 12.7#

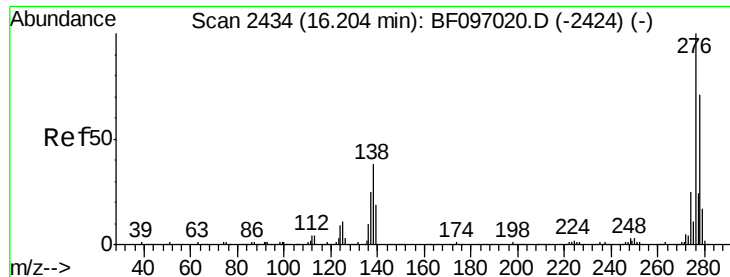


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

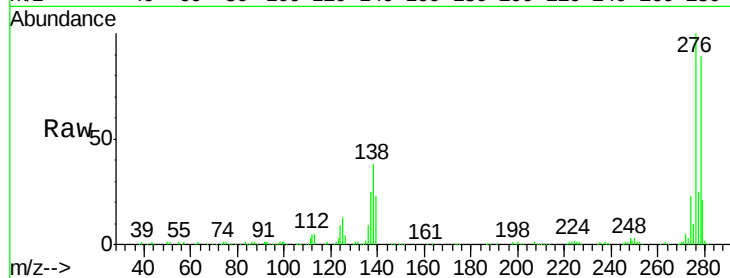




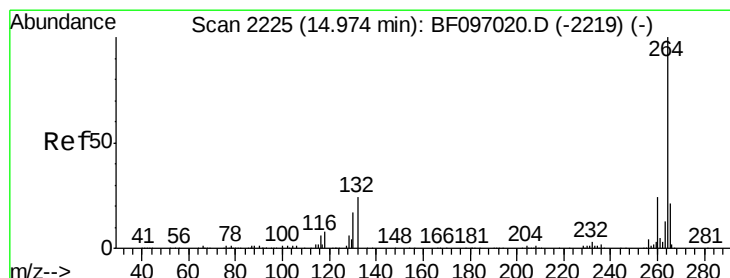
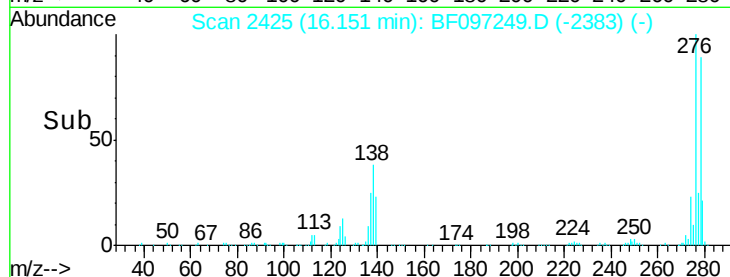
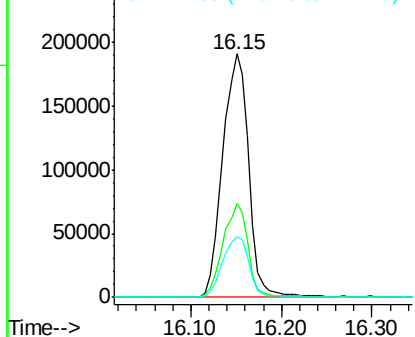
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.59 ng
 RT: 16.15 min Scan# 2425
 Delta R.T. -0.05 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.2	27.8	41.6
277	25.2	20.2	30.4

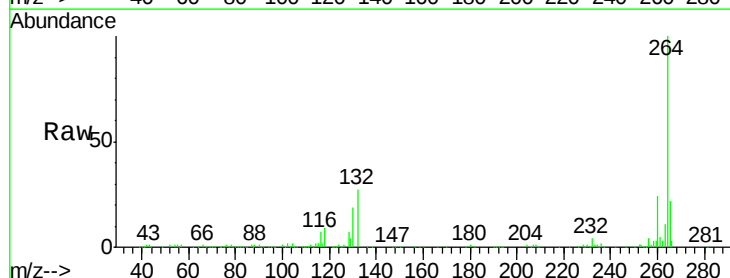


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

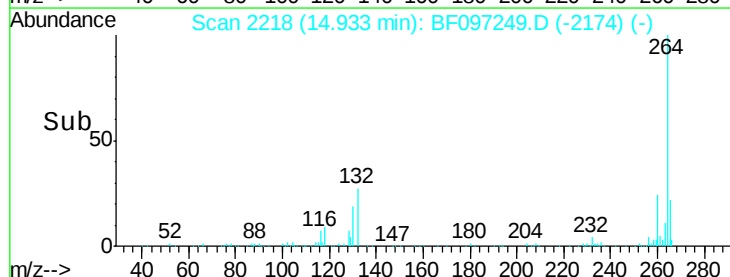
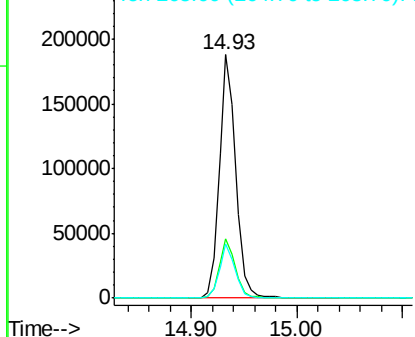


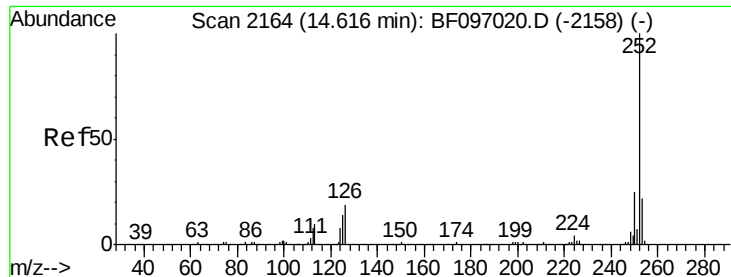
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 2218
 Delta R.T. -0.04 min
 Lab File: BF097249.D
 Acq: 2 Aug 2017 2:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.2	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.79 ng

RT: 14.58 min Scan# 2158

Delta R.T. -0.04 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

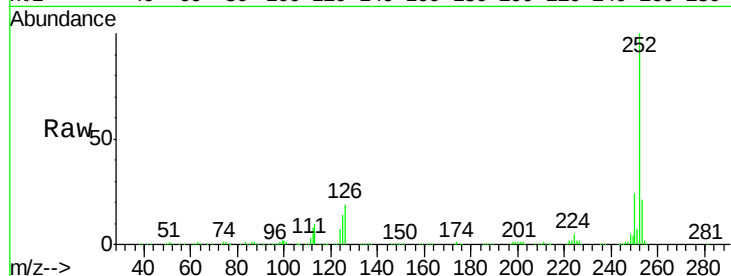
Tot Ion:252 Resp: 480081

Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

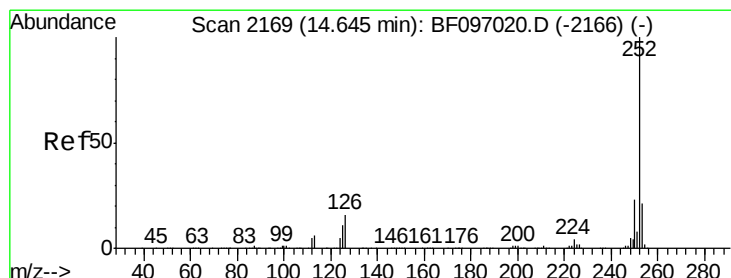
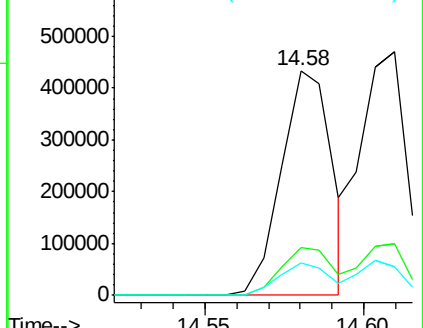
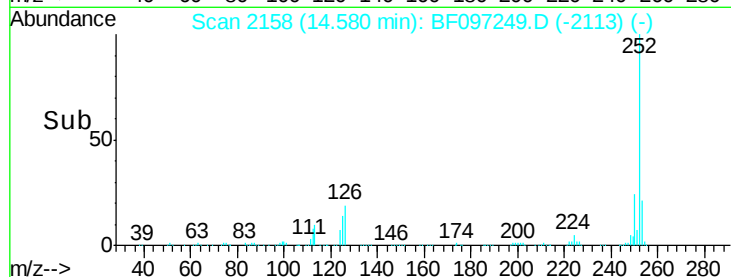
125 14.2 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.71 ng

RT: 14.58 min Scan# 2158

Delta R.T. -0.06 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

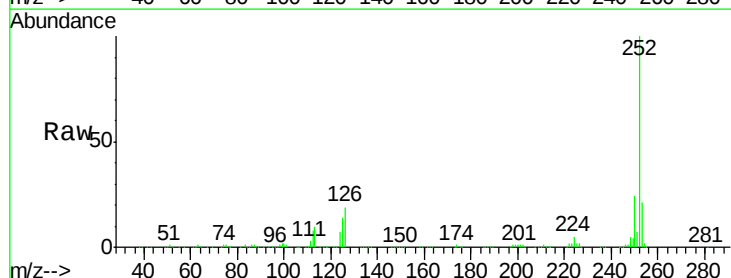
Tgt Ion:252 Resp: 480081

Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

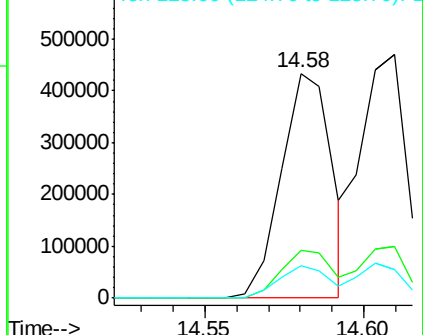
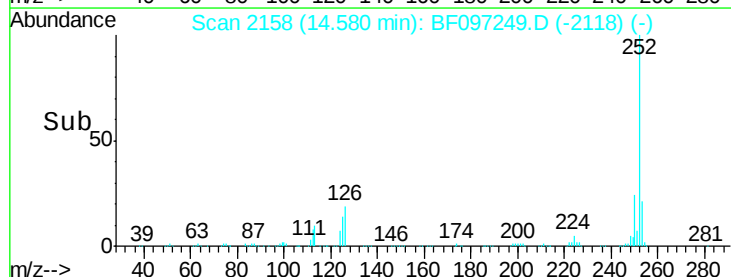
125 14.2 13.1 19.7

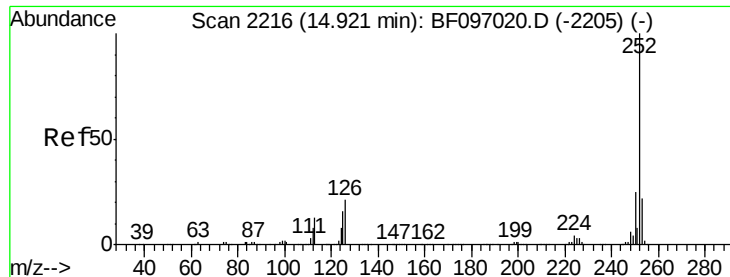


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

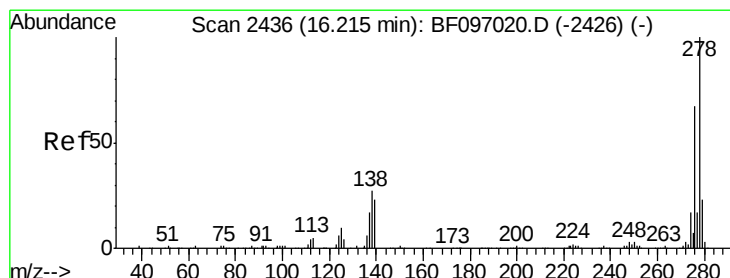
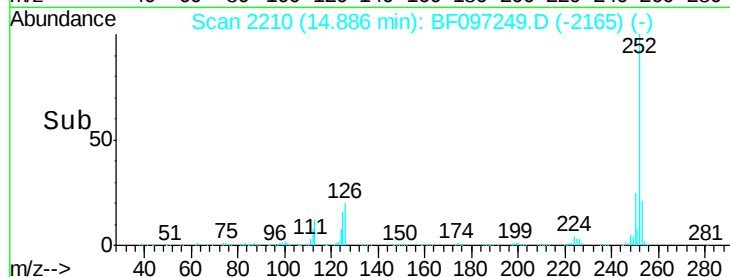
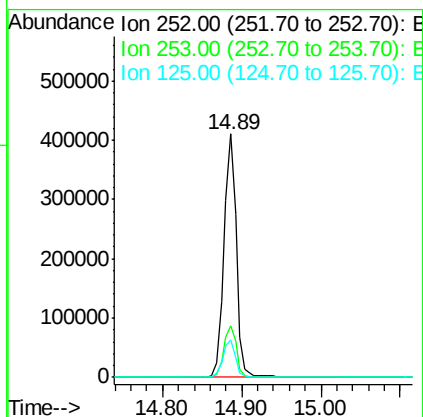
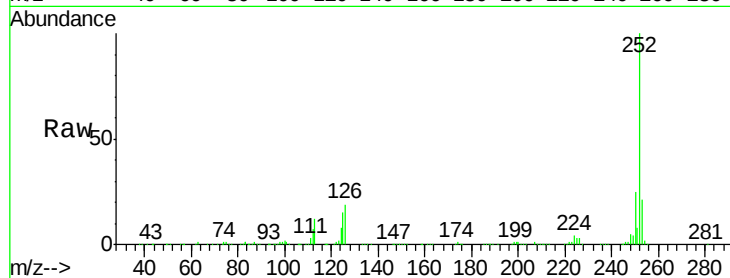




#89
Benzo(a)pyrene
Concen: 38.96 ng
RT: 14.89 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

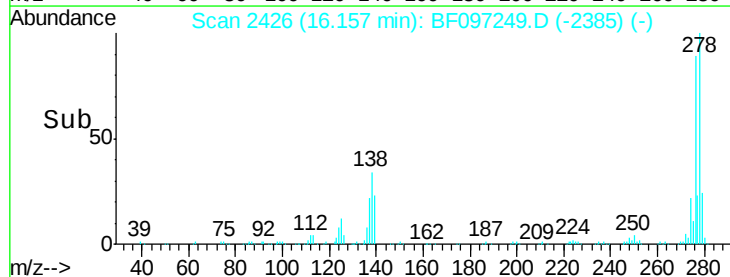
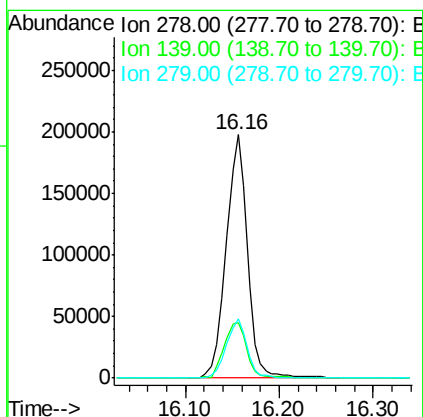
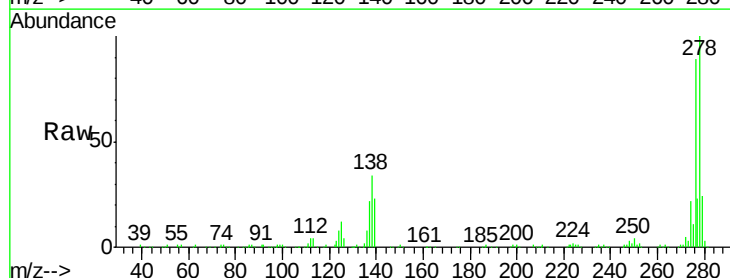
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

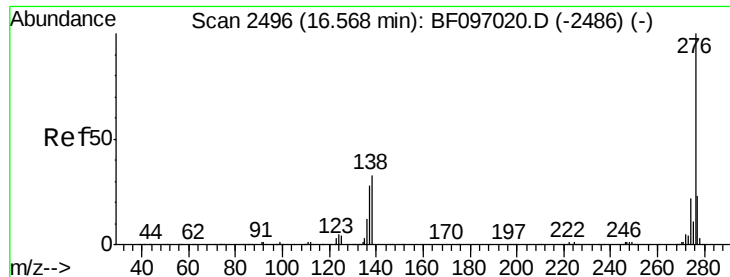
Tot Ion:252 Resp: 441335
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 15.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 33.69 ng
RT: 16.16 min Scan# 2426
Delta R.T. -0.06 min
Lab File: BF097249.D
Acq: 2 Aug 2017 2:48

Tgt Ion:278 Resp: 312909
Ion Ratio Lower Upper
278 100
139 22.9 16.6 24.8
279 24.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 32.23 ng

RT: 16.51 min Scan# 2486

Delta R.T. -0.06 min

Lab File: BF097249.D

Acq: 2 Aug 2017 2:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

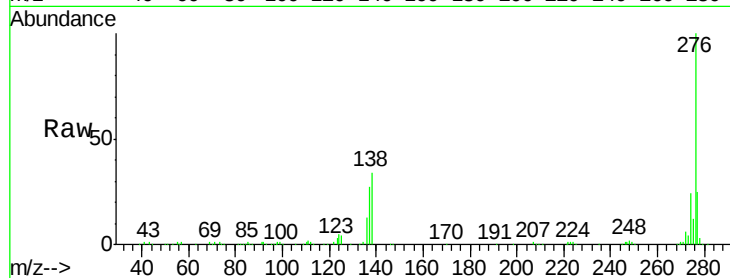
Tot Ion: 276 Resp: 313979

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 33.6 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

