

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
 Data File : BF096739.D
 Acq On : 13 Jul 2017 20:38
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 14 01:10:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	104225	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	434155	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	211721	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	349164	20.00	ng	0.00
75) Chrysene-d12	13.77	240	209337	20.00	ng	0.00
86) Perylene-d12	15.15	264	167186	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	532310	76.79	ng	0.00
7) Phenol-d6	6.28	99	631083	75.87	ng	0.00
23) Nitrobenzene-d5	7.20	82	550781	78.58	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	142755	78.99	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1012575	75.56	ng	0.00
78) Terphenyl-d14	12.73	244	847973	70.25	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	143669	40.28	ng	# 77
3) Pyridine	2.90	79	312366	41.67	ng	# 63
4) n-Nitrosodimethylamine	2.85	42	167944	40.06	ng	# 78
6) Aniline	6.30	93	396624	38.71	ng	# 82
8) 2-Chlorophenol	6.42	128	291448	38.97	ng	98
9) Benzaldehyde	6.17	77	179054	37.24	ng	96
10) Phenol	6.29	94	359296	38.21	ng	# 72
11) bis(2-Chloroethyl)ether	6.37	93	268870	38.02	ng	90
12) 1,3-Dichlorobenzene	6.57	146	310888	39.11	ng	99
13) 1,4-Dichlorobenzene	6.65	146	316092	39.27	ng	95
14) 1,2-Dichlorobenzene	6.80	146	288282	39.37	ng	98
15) Benzyl Alcohol	6.78	79	216078	39.68	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.92	45	555892	38.09	ng	92
17) 2-Methylphenol	6.90	107	224828	38.66	ng	98
18) Hexachloroethane	7.15	117	110469	38.70	ng	# 87
19) n-Nitroso-di-n-propylamine	7.06	70	187960	37.51	ng	# 88
20) 3+4-Methylphenols	7.06	107	270040	38.27	ng	# 79
22) Acetophenone	7.05	105	368957	38.02	ng	96
24) Nitrobenzene	7.22	77	285516	39.39	ng	90
25) Isophorone	7.46	82	498662	38.24	ng	95
26) 2-Nitrophenol	7.54	139	160755	39.88	ng	91
27) 2,4-Dimethylphenol	7.59	122	258917	39.05	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	338368	38.40	ng	97
29) 2,4-Dichlorophenol	7.78	162	234147	39.01	ng	97
30) 1,2,4-Trichlorobenzene	7.86	180	225299	39.48	ng	97
31) Naphthalene	7.94	128	807177	39.25	ng	100
32) Benzoic acid	7.72	122	162290	38.29	ng	97
33) 4-Chloroaniline	7.99	127	324741	39.85	ng	96
34) Hexachlorobutadiene	8.07	225	120071	39.41	ng	97
35) Caprolactam	8.37	113	73400	38.16	ng	# 63
36) 4-Chloro-3-methylphenol	8.48	107	252059	39.05	ng	88
37) 2-Methylnaphthalene	8.63	142	522411	39.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	206425	36.07	ng	99
40) Hexachlorocyclopentadiene	8.79	237	75040	37.67	ng	96

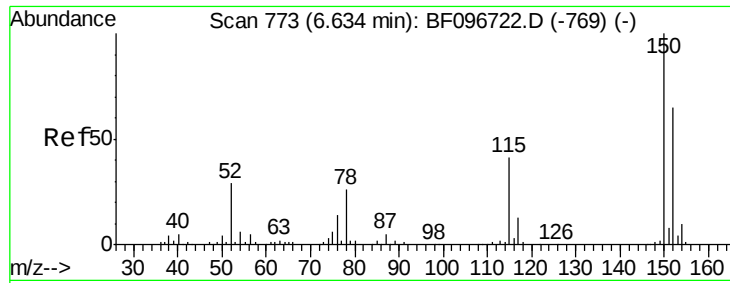
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	163747	38.79	nq	98
43) 2,4,5-Trichlorophenol	8.95	196	166035	39.00	nq	98
45) 1,1'-Biphenyl	9.10	154	712421	39.23	nq	99
46) 2-Chloronaphthalene	9.12	162	533079	39.87	nq	94
47) 2-Nitroaniline	9.21	65	187139	40.72	nq	96
48) Acenaphthylene	9.53	152	819481	38.47	nq	98
49) Dimethylphthalate	9.40	163	624538	39.18	nq	99
50) 2,6-Dinitrotoluene	9.46	165	138820	40.20	nq	# 76
51) Acenaphthene	9.70	154	468334	37.21	nq	100
52) 3-Nitroaniline	9.62	138	165500	40.46	nq	98
53) 2,4-Dinitrophenol	9.73	184	59777	38.76	nq	# 69
54) Dibenzofuran	9.87	168	670339	38.01	nq	99
55) 4-Nitrophenol	9.79	139	121517	40.66	nq	# 72
56) 2,4-Dinitrotoluene	9.86	165	174249	39.27	nq	# 81
57) Fluorene	10.22	166	503511	38.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	116691	39.52	nq	99
59) Diethylphthalate	10.10	149	596514	38.44	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	208547	36.79	nq	97
61) 4-Nitroaniline	10.23	138	157390	40.97	nq	92
62) Azobenzene	10.37	77	533637	38.98	nq	93
64) 4,6-Dinitro-2-methylphenol	10.27	198	91514	41.74	nq	92
65) n-Nitrosodiphenylamine	10.33	169	480221	38.48	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	139532	39.14	nq	97
67) Hexachlorobenzene	10.76	284	150434	37.89	nq	# 85
68) Atrazine	10.86	200	142262	40.01	nq	93
69) Pentachlorophenol	10.96	266	83253	43.40	nq	97
70) Phenanthrene	11.17	178	733493	38.63	nq	99
71) Anthracene	11.22	178	752642	39.21	nq	99
72) Carbazole	11.37	167	738231	39.71	nq	99
73) Di-n-butylphthalate	11.72	149	891145	38.49	nq	98
74) Fluoranthene	12.35	202	665686	36.63	nq	100
76) Benzidine	12.47	184	302459	44.10	nq	95
77) Pyrene	12.58	202	686255	36.12	nq	99
79) Butylbenzylphthalate	13.21	149	371229	82.25	nq	# 86
80) Benzo(a)anthracene	13.76	228	523445	40.13	nq	99
81) 3,3'-Dichlorobenzidine	13.73	252	190072	40.52	nq	95
82) Chrysene	13.80	228	524295	40.83	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	444867	40.47	nq	98
84) Di-n-octyl phthalate	14.38	149	772023	42.49	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.46	276	404363	34.57	nq	99
87) Benzo(b)fluoranthene	14.77	252	421046	41.76	nq	97
88) Benzo(k)fluoranthene	14.77	252	421046	44.10	nq	98
89) Benzo(a)pyrene	15.10	252	362891	39.24	nq	99
90) Dibenzo(a,h)anthracene	16.48	278	327262	38.46	nq	99
91) Benzo(g,h,i)perylene	16.86	276	354866	38.94	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

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SSTDCCC040

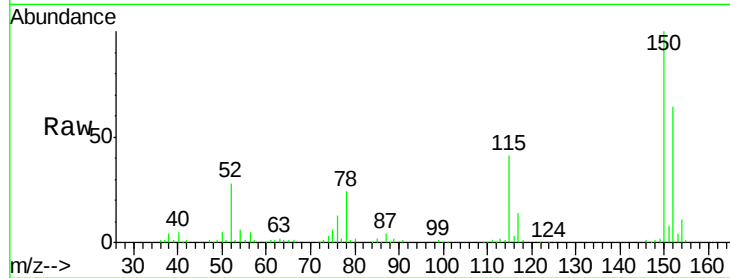
Tot Ion:152 Resp: 104225

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

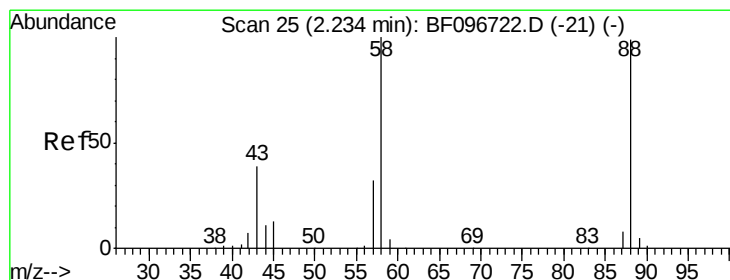
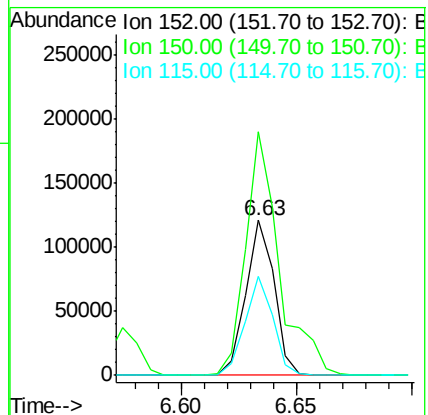
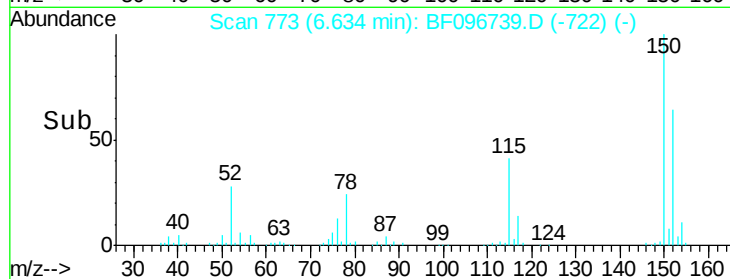
115 63.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.28 ng

RT: 2.24 min Scan# 26

Delta R.T. 0.01 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

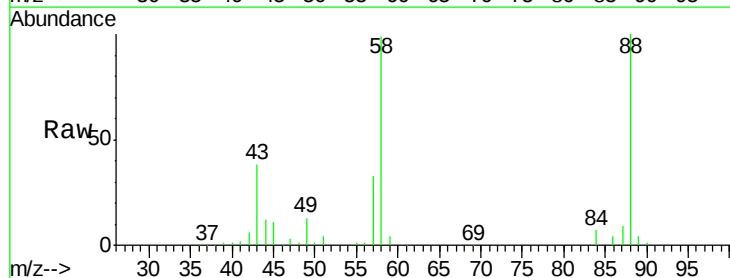
Tgt Ion: 88 Resp: 143669

Ion Ratio Lower Upper

88 100

58 98.7 61.4 92.0#

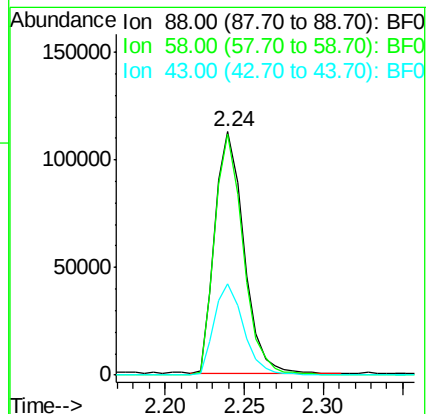
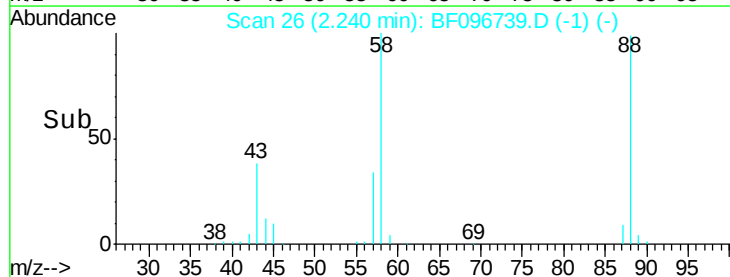
43 38.6 23.4 35.0#

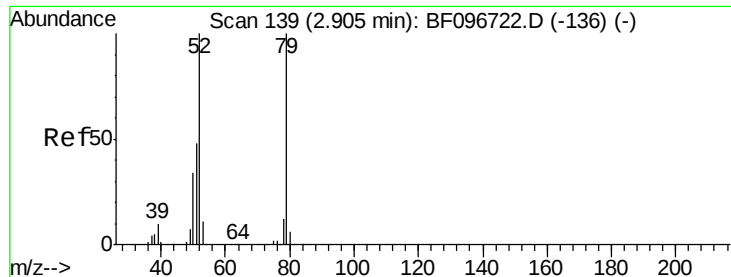


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.67 ng

RT: 2.90 min Scan# 139

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

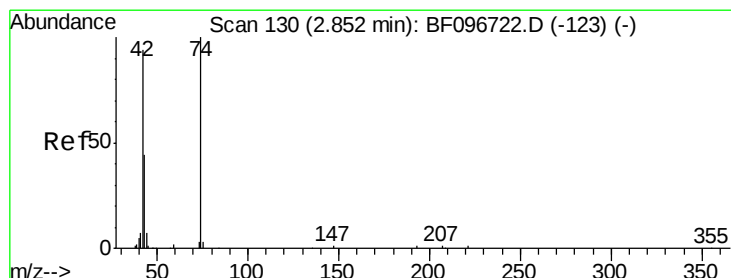
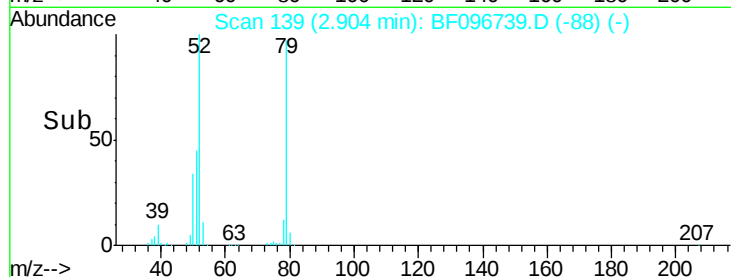
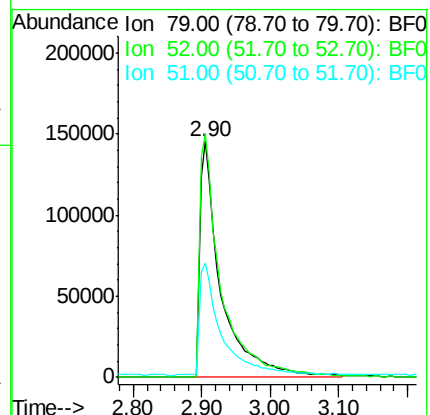
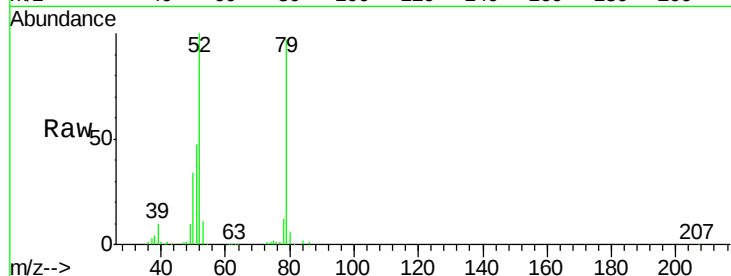
Tot Ion: 79 Resp: 312366

Ion Ratio Lower Upper

79 100

52 103.4 54.8 82.2#

51 48.4 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 40.06 ng

RT: 2.85 min Scan# 130

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

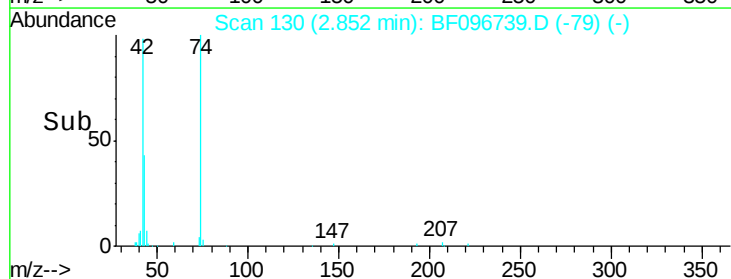
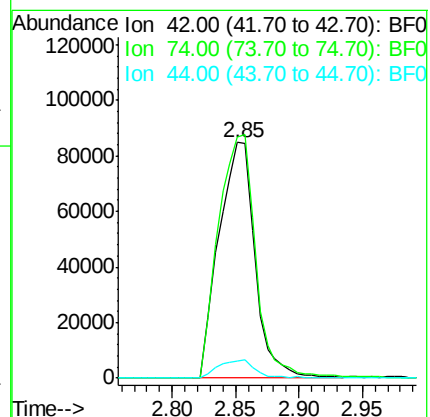
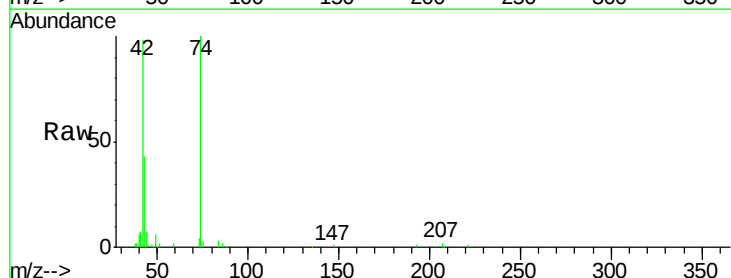
Tgt Ion: 42 Resp: 167944

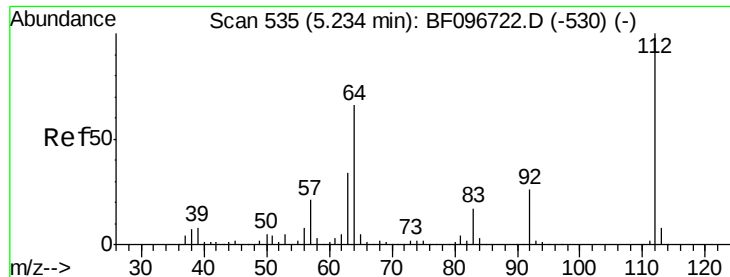
Ion Ratio Lower Upper

42 100

74 102.5 103.9 155.9#

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 76.79 ng

RT: 5.23 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

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SSTDCCC040

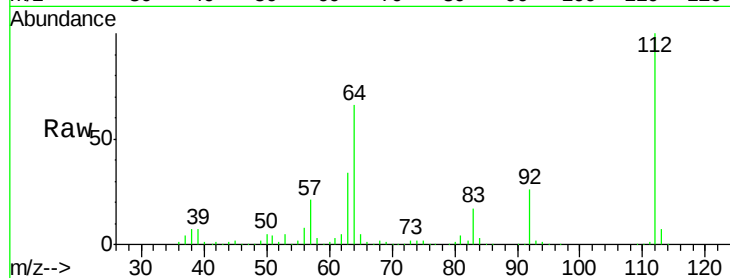
Tot Ion:112 Resp: 532310

Ion Ratio Lower Upper

112 100

64 66.0 46.0 69.0

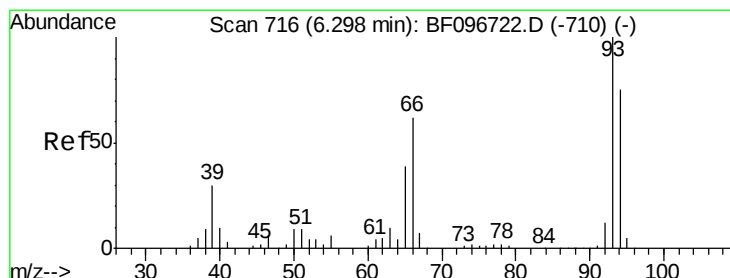
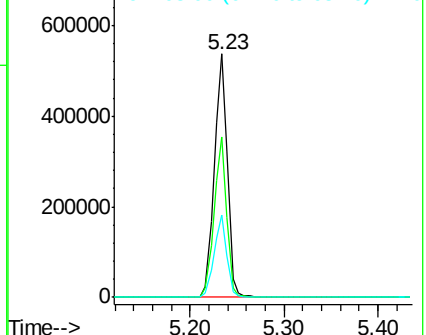
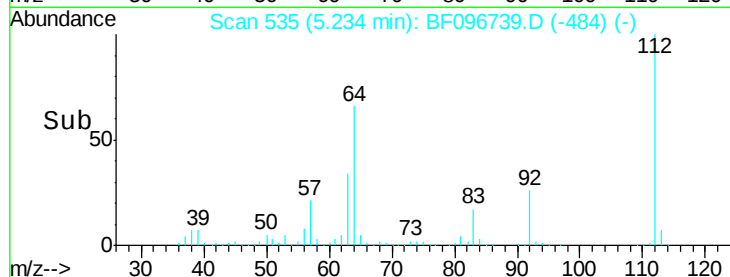
63 34.0 23.4 35.0



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: 38.71 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

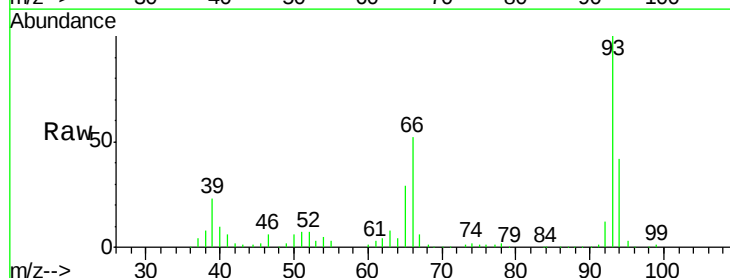
Tgt Ion: 93 Resp: 396624

Ion Ratio Lower Upper

93 100

66 52.2 32.9 49.3#

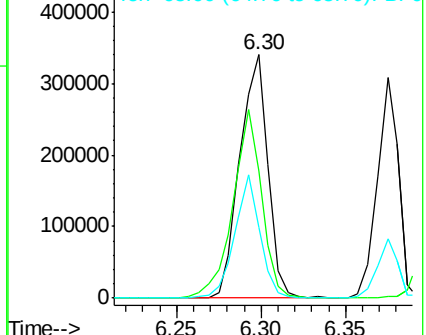
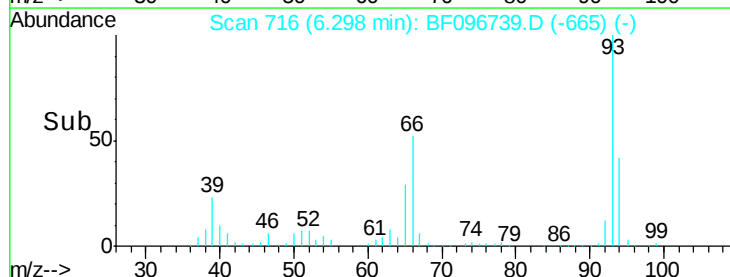
65 29.0 16.0 24.0#

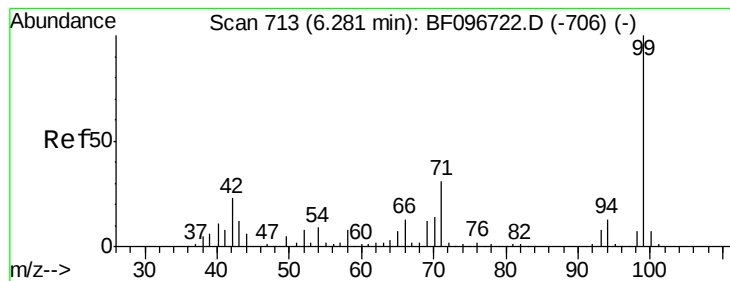


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.87 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

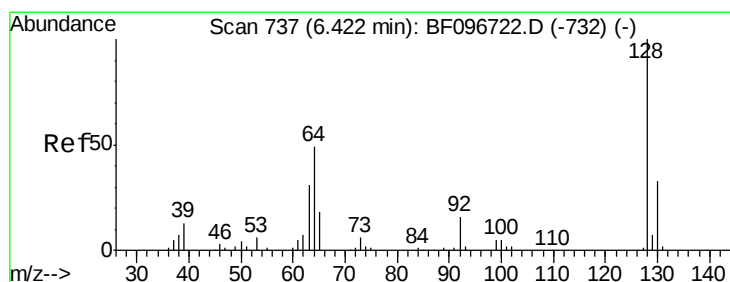
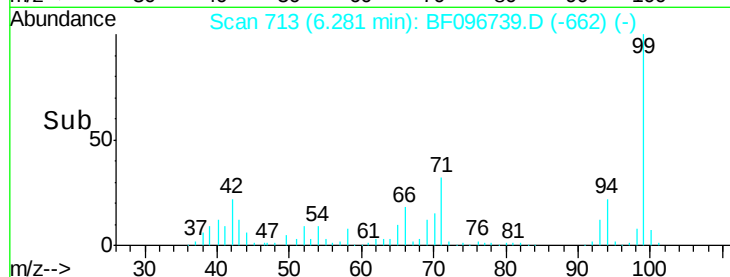
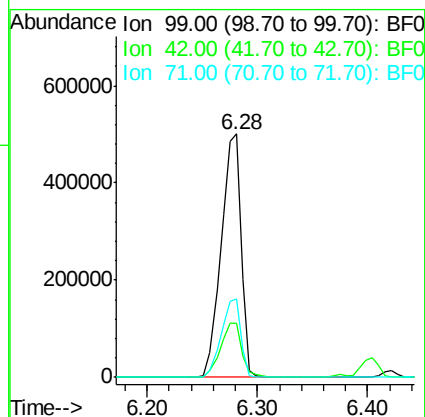
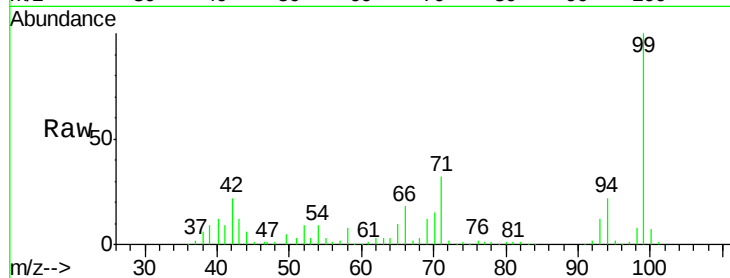
BNA_F

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Tot Ion: 99 Resp: 631083

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	32.3	24.5	36.7



#8

2-Chlorophenol

Concen: 38.97 ng

RT: 6.42 min Scan# 737

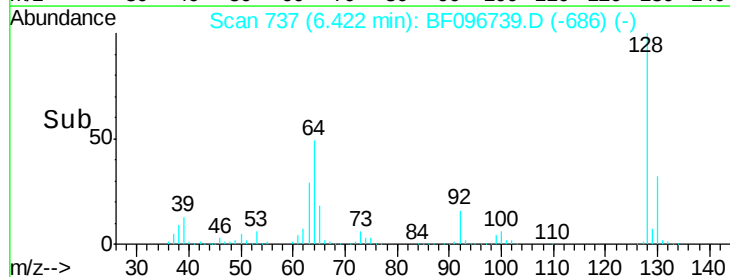
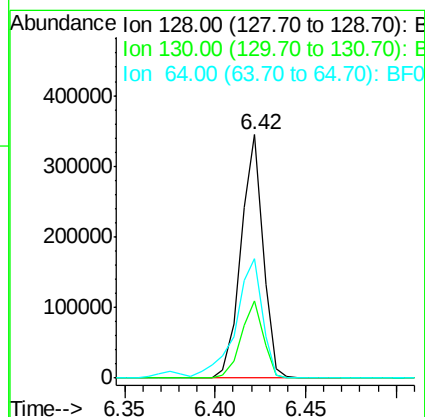
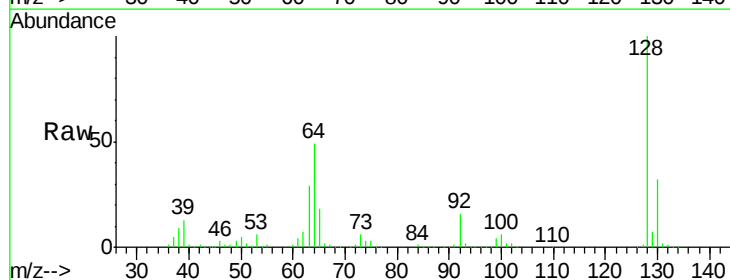
Delta R.T. -0.00 min

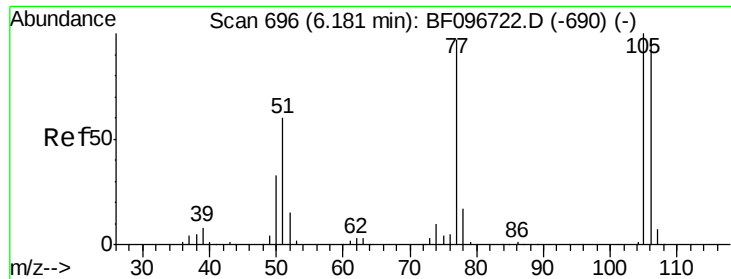
Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Tgt Ion: 128 Resp: 291448

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.9	52.9
64	49.2	28.4	68.4





#9

Benzaldehyde

Concen: 37.24 ng

RT: 6.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

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SSTDCCC040

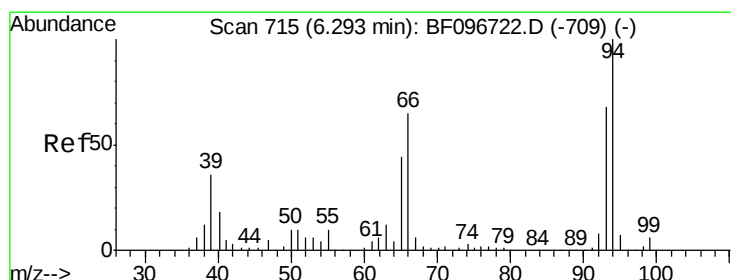
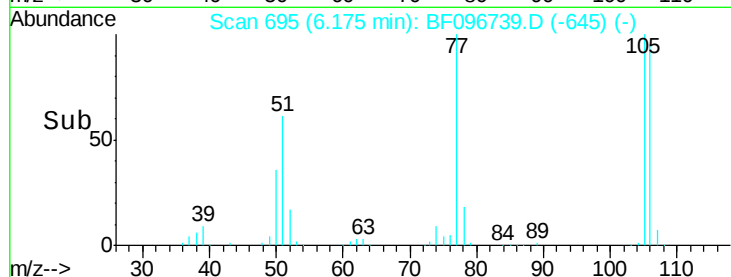
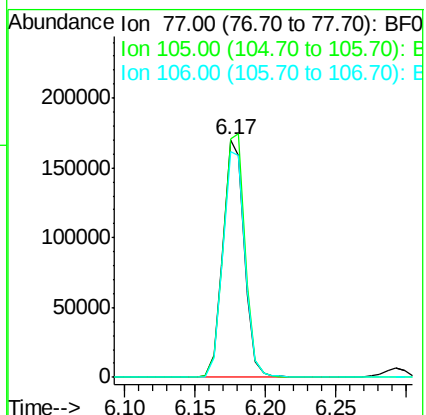
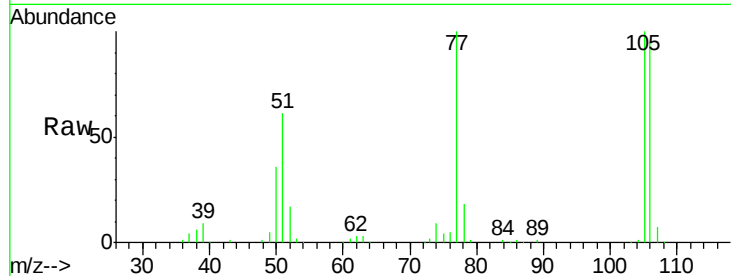
Tot Ion: 77 Resp: 179054

Ion Ratio Lower Upper

77 100

105 100.5 83.8 123.8

106 95.1 79.1 119.1



#10

Phenol

Concen: 38.21 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

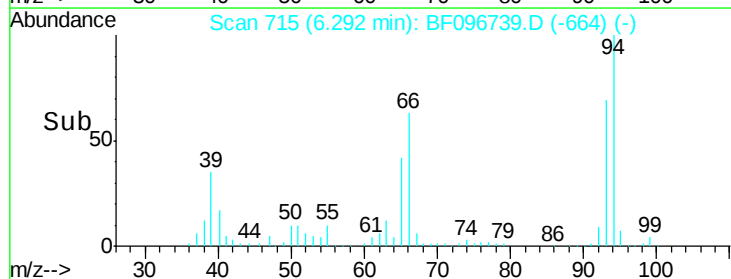
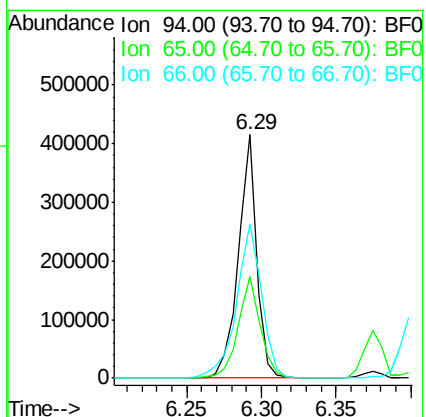
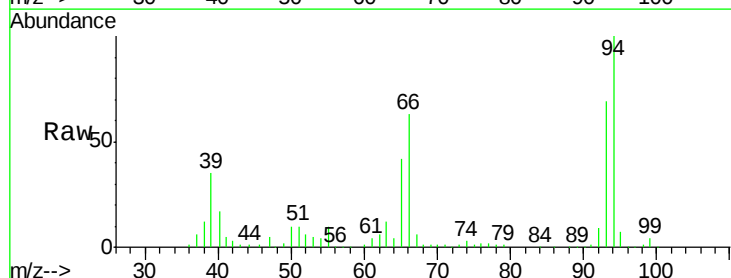
Tgt Ion: 94 Resp: 359296

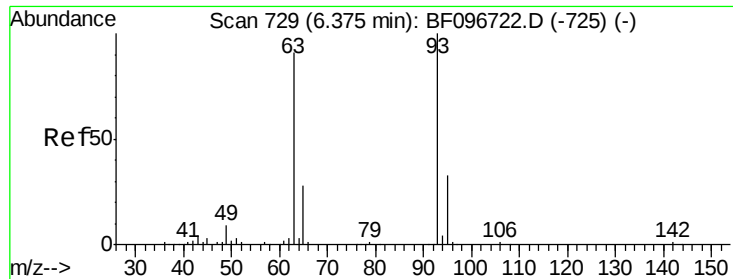
Ion Ratio Lower Upper

94 100

65 41.7 9.9 49.9

66 63.4 23.1 63.1#

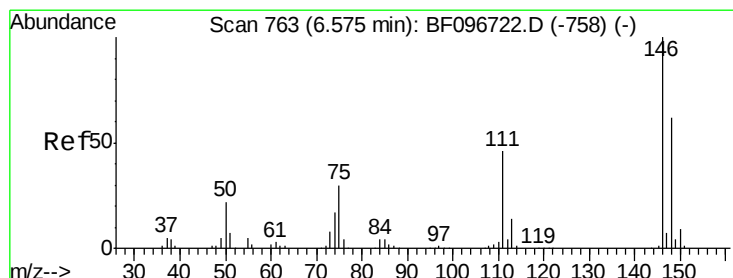
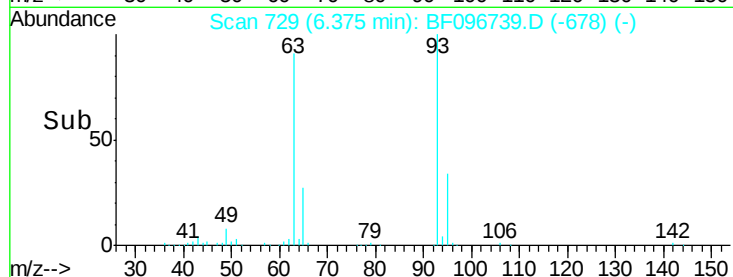
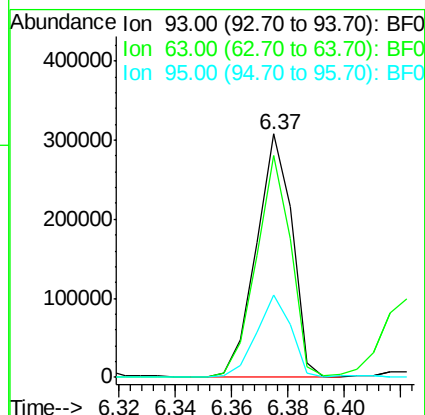
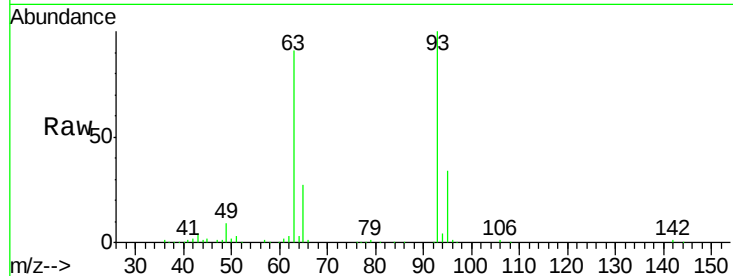




#11
bis(2-Chloroethyl)ether
Concen: 38.02 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

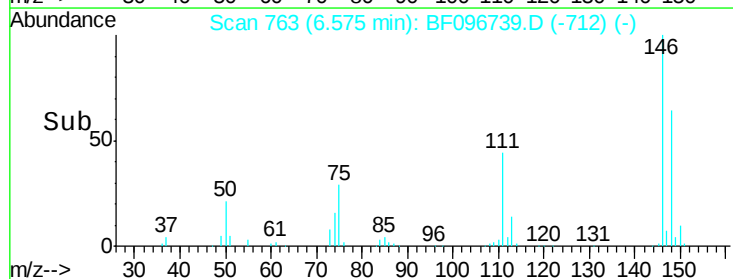
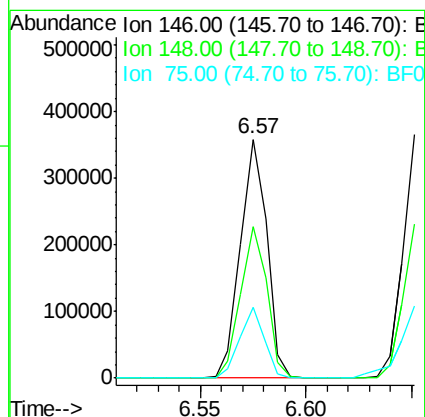
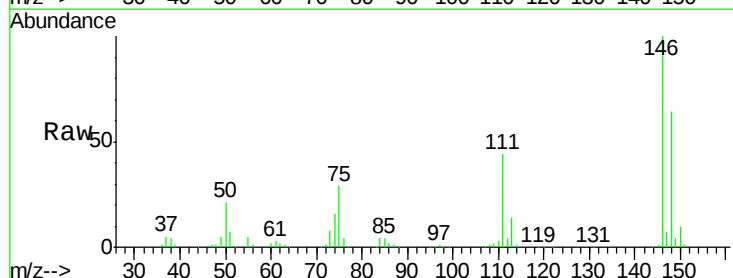
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

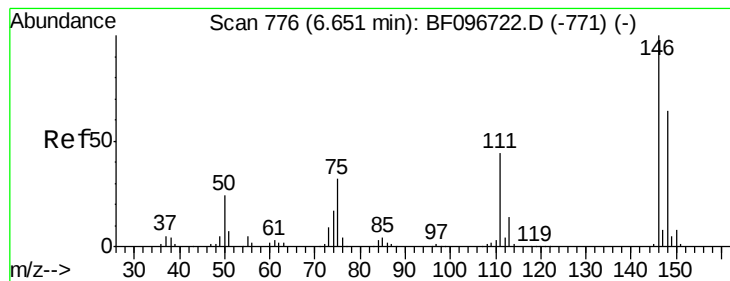
Tot Ion: 93 Resp: 268870
Ion Ratio Lower Upper
93 100
63 91.0 59.2 99.2
95 33.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.11 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion: 146 Resp: 310888
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
75 29.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.27 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

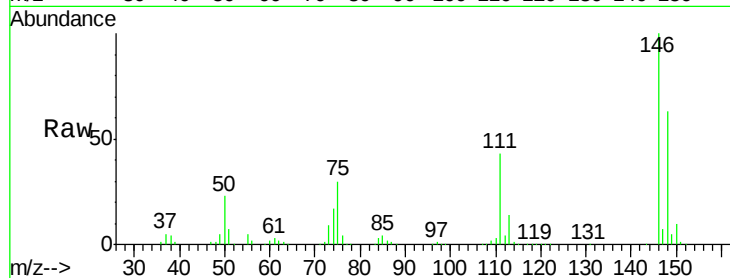
Tot Ion:146 Resp: 316092

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

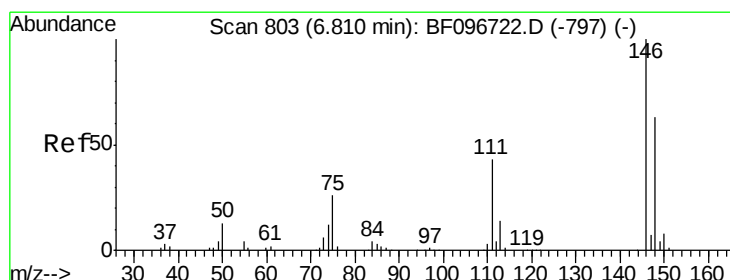
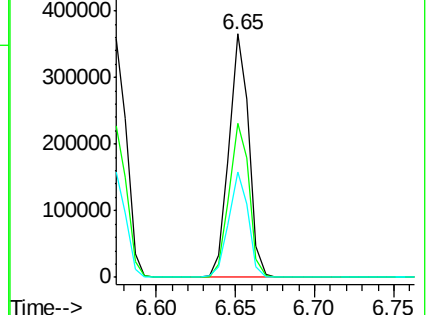
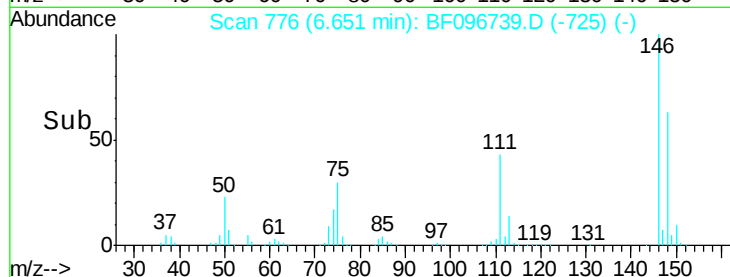
111 43.3 30.3 45.5



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: 39.37 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

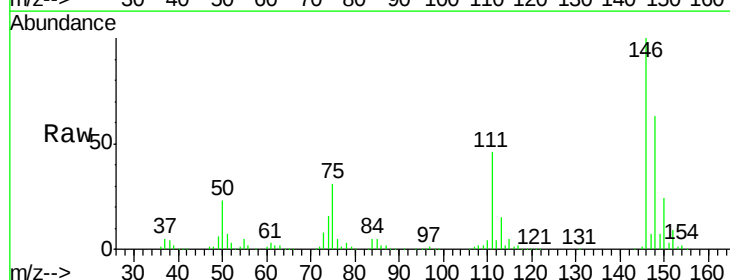
Tgt Ion:146 Resp: 288282

Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

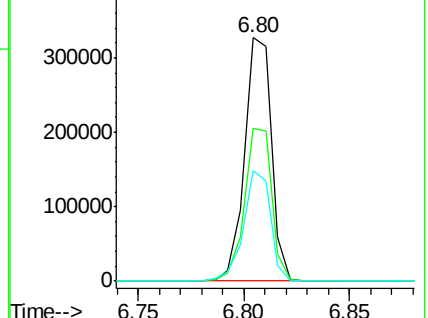
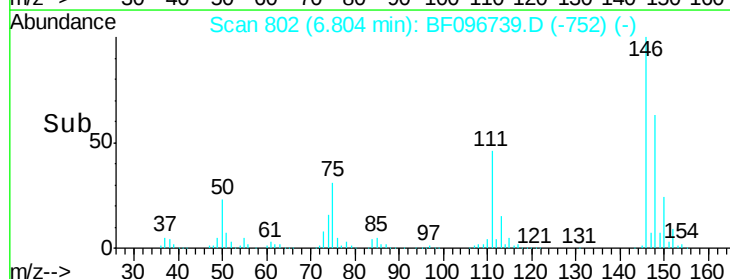
111 45.6 38.2 57.4

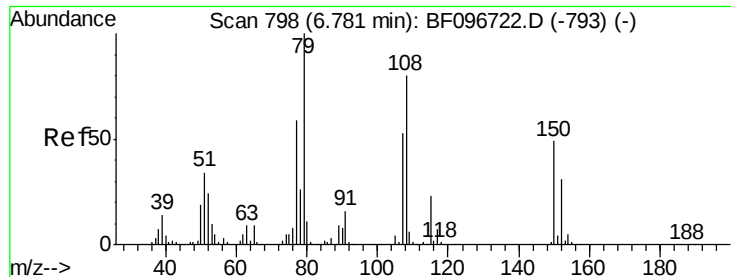


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.68 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

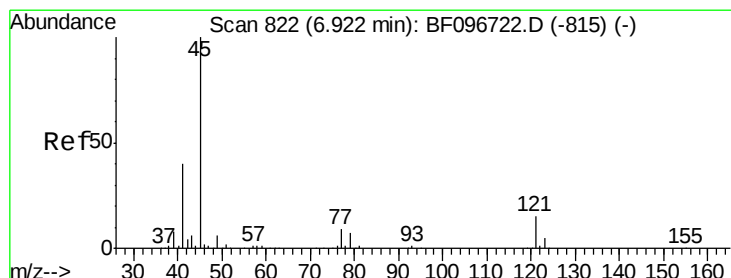
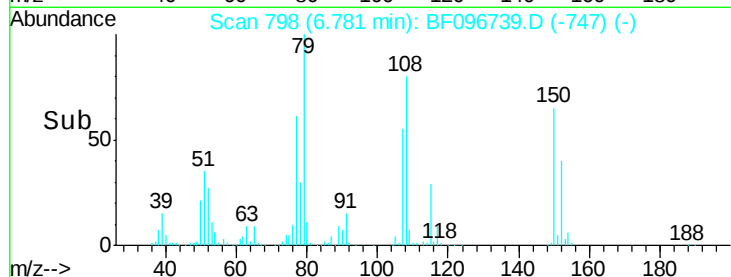
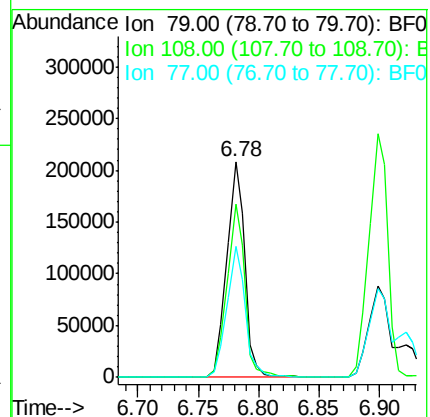
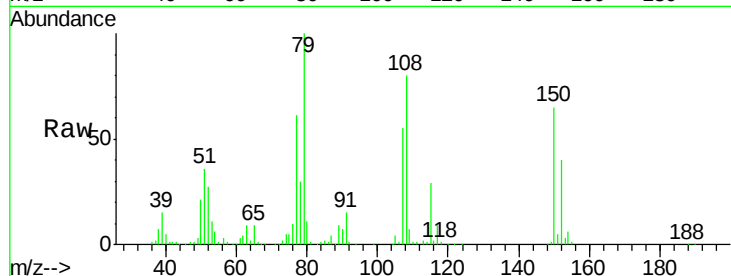
Tot Ion: 79 Resp: 216078

Ion Ratio Lower Upper

79 100

108 80.0 63.4 95.0

77 60.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.09 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

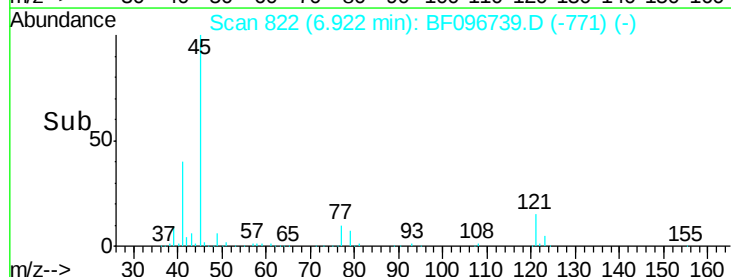
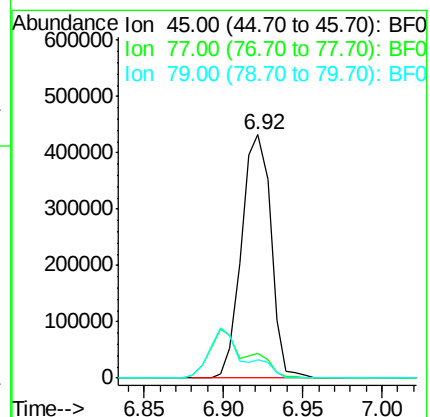
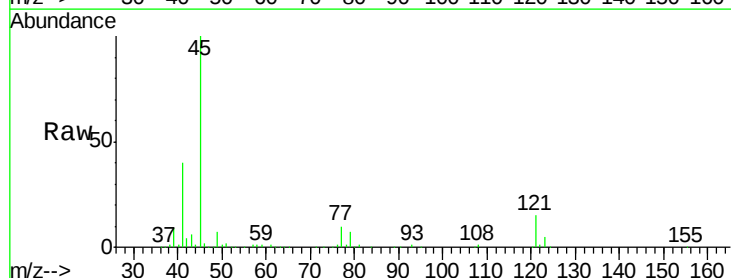
Tgt Ion: 45 Resp: 555892

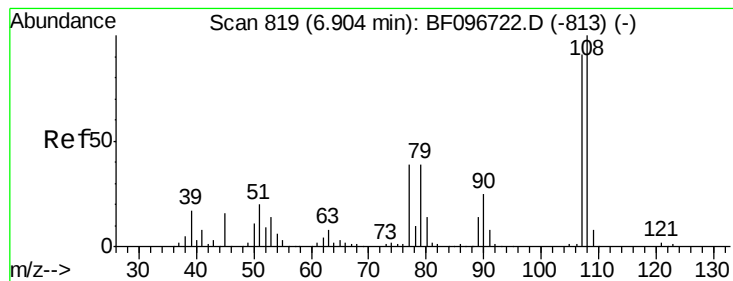
Ion Ratio Lower Upper

45 100

77 10.1 0.0 33.2

79 7.4 0.0 30.0

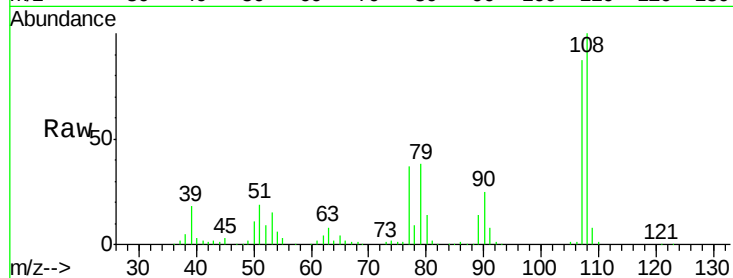




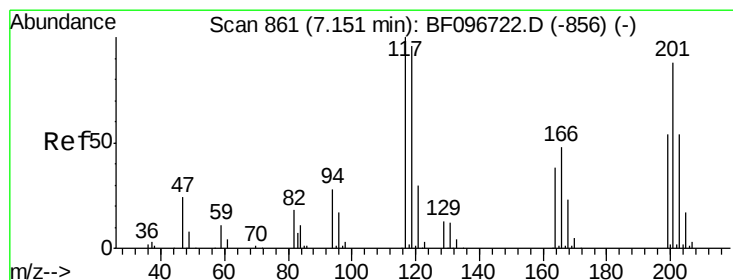
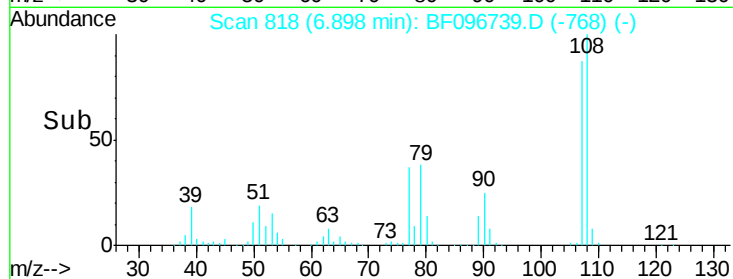
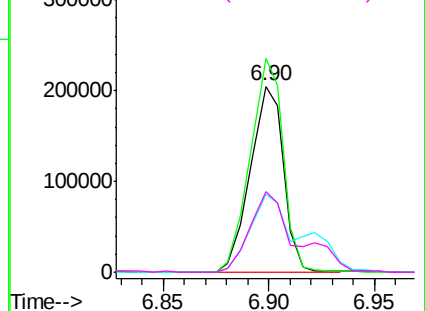
#17
2-Methylphenol
Concen: 38.66 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 224828
Ion Ratio Lower Upper
107 100
108 115.1 93.4 140.0
77 42.2 35.8 53.6
79 43.3 34.8 52.2

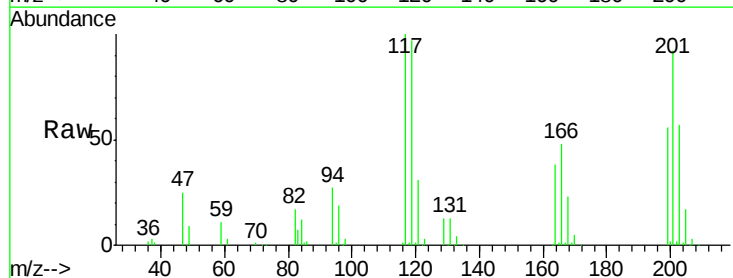


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

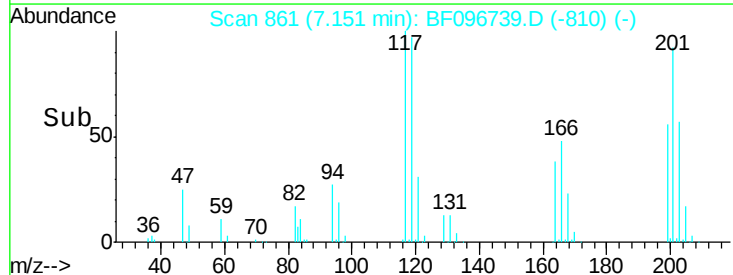
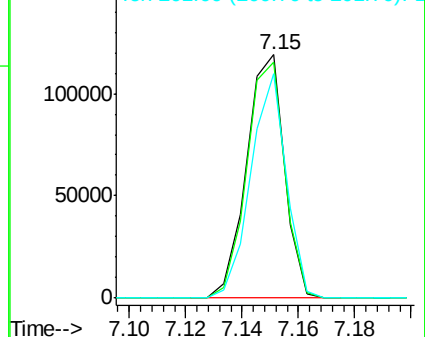


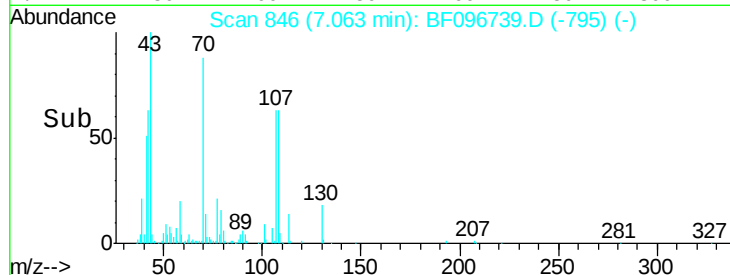
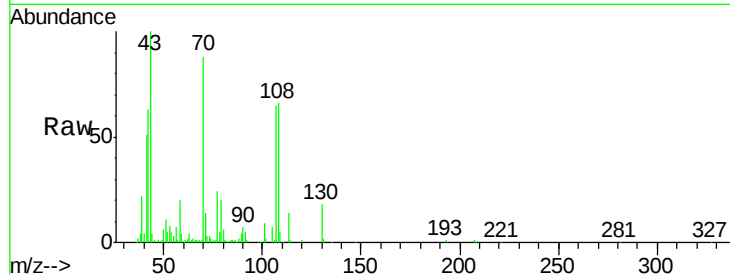
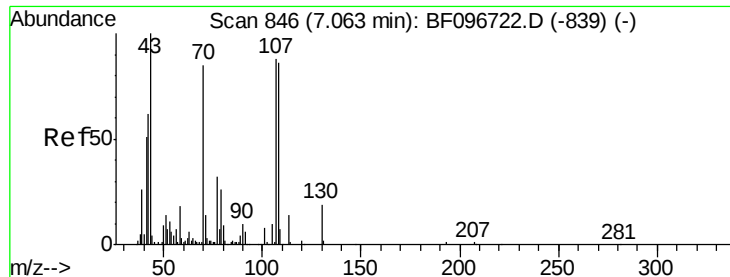
#18
Hexachloroethane
Concen: 38.70 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion:117 Resp: 110469
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.0
201 91.9 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

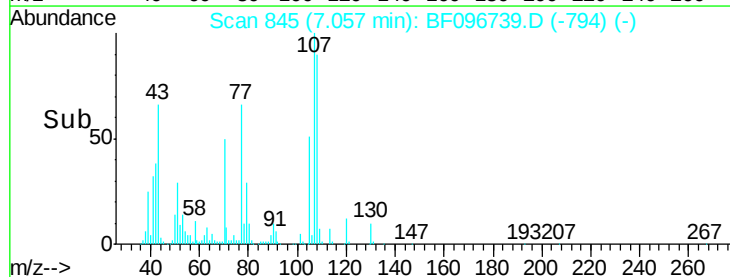
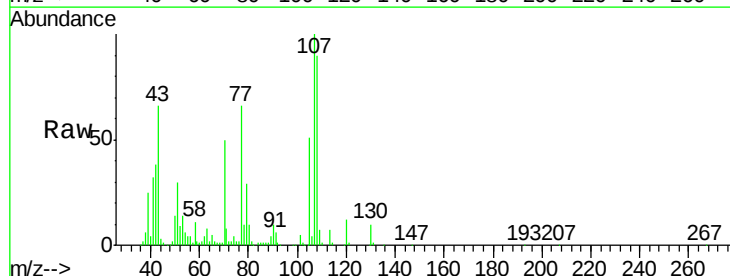
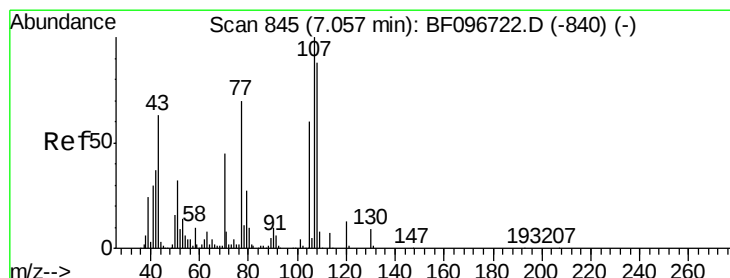
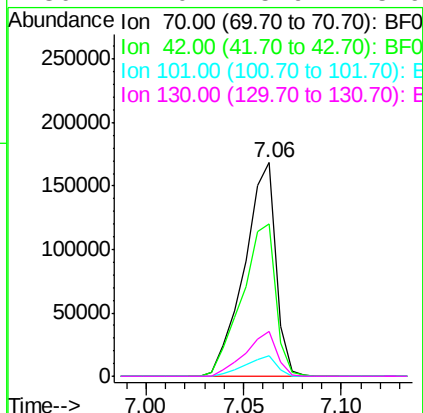




#19
n-Nitroso-di-n-propylamine
Concen: 37.51 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

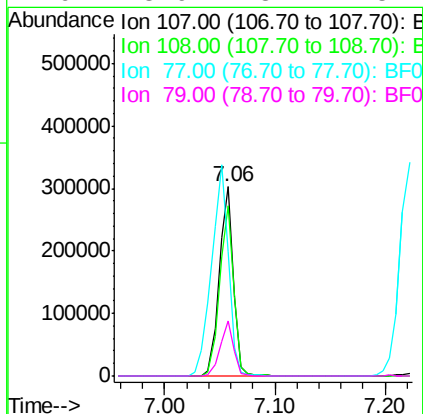
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

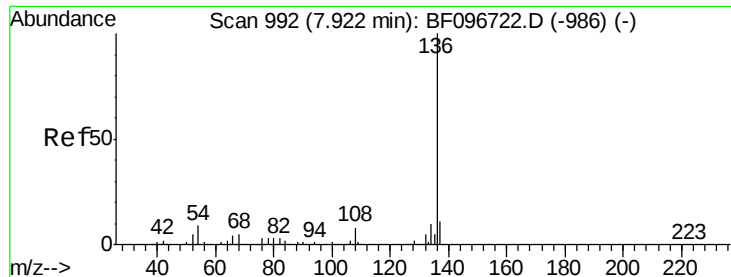
Tot Ion: 70 Resp: 187960
Ion Ratio Lower Upper
70 100
42 71.3 47.2 70.8#
101 9.7 7.2 10.8
130 21.0 15.9 23.9



#20
3+4-Methylphenols
Concen: 38.27 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion: 107 Resp: 270040
Ion Ratio Lower Upper
107 100
108 90.1 71.0 111.0
77 65.7 90.5 130.5#
79 28.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 434155

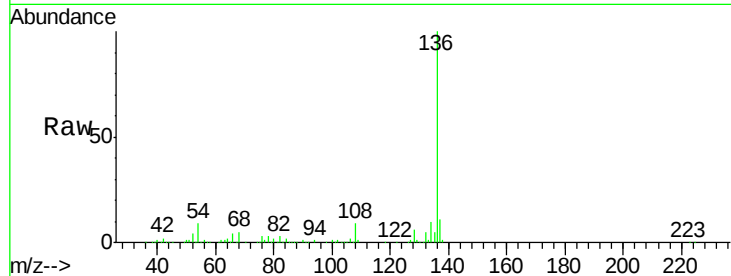
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 8.8 4.9 7.3#

68 4.6 4.1 6.1

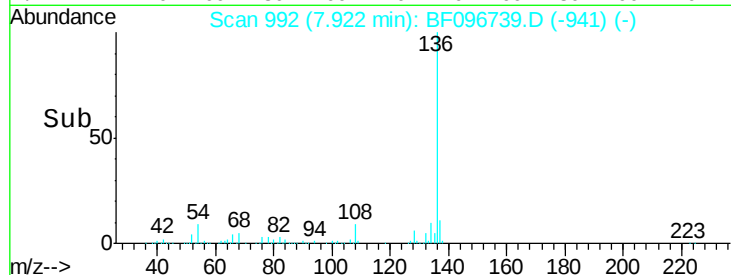


Abundance Ion 136.00 (135.70 to 136.70): E

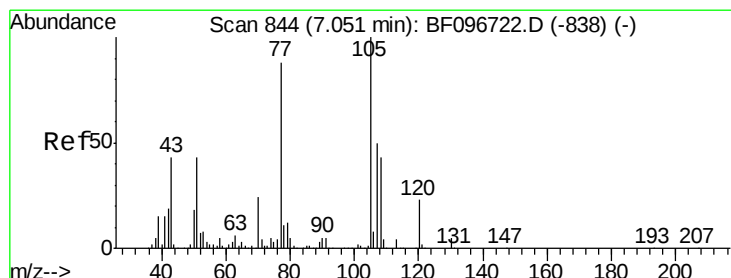
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.02 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Tgt Ion:105 Resp: 368957

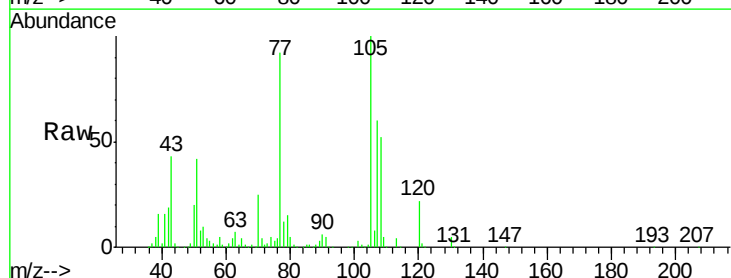
Ion Ratio Lower Upper

105 100

71 4.0 2.8 4.2

51 42.5 30.7 46.1

120 22.0 17.4 26.0

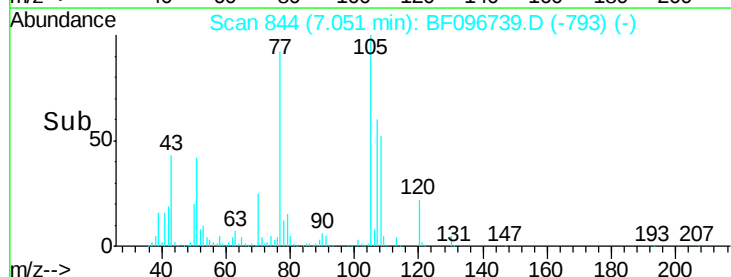


Abundance Ion 105.00 (104.70 to 105.70): E

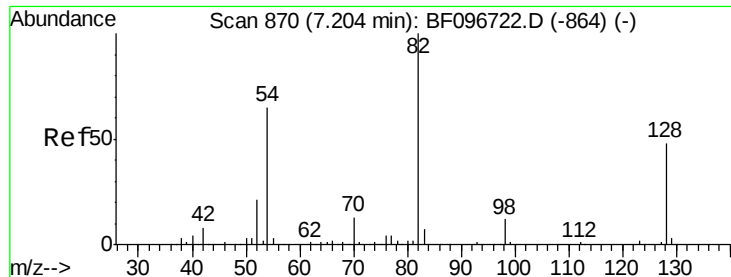
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



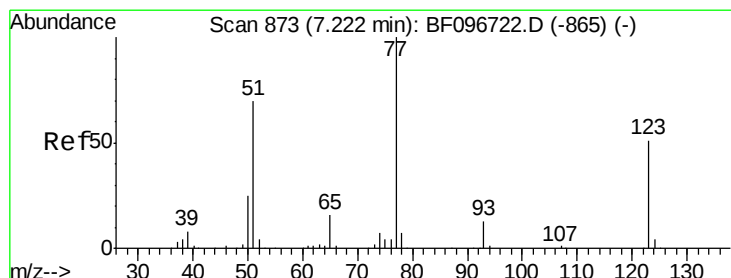
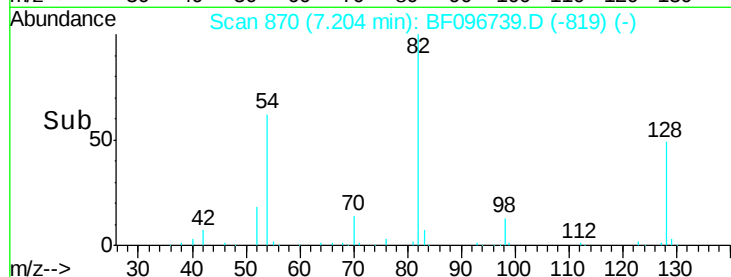
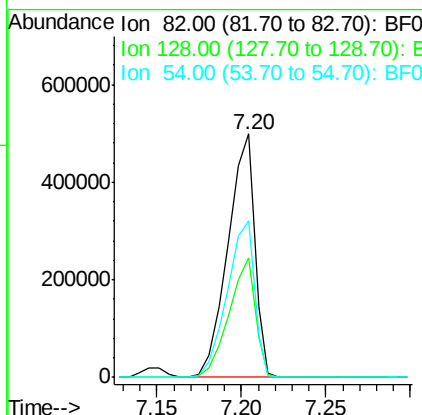
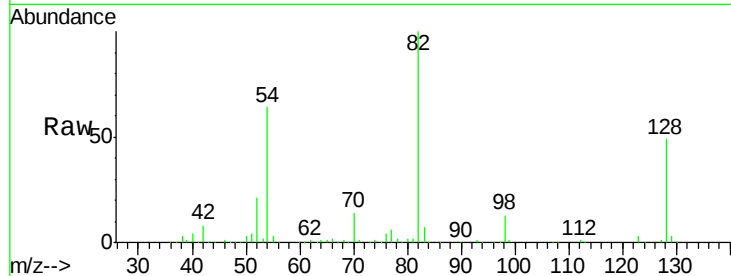
Time-->



#23
 Nitrobenzene-d5
 Concen: 78.58 ng
 RT: 7.20 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

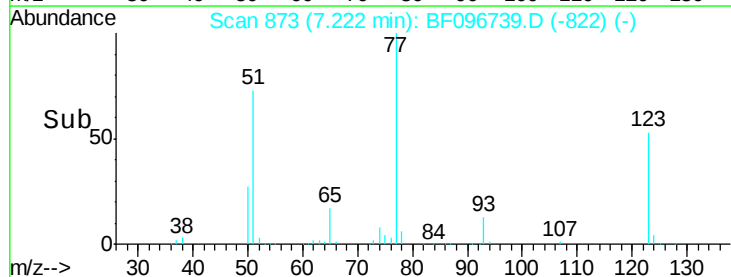
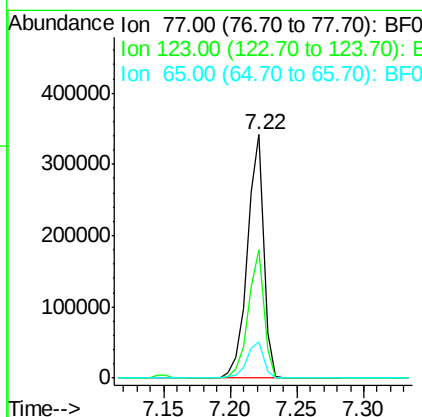
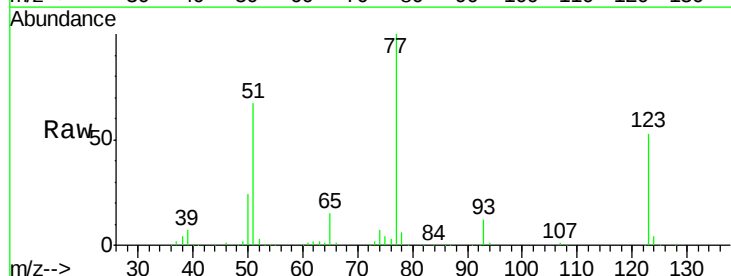
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

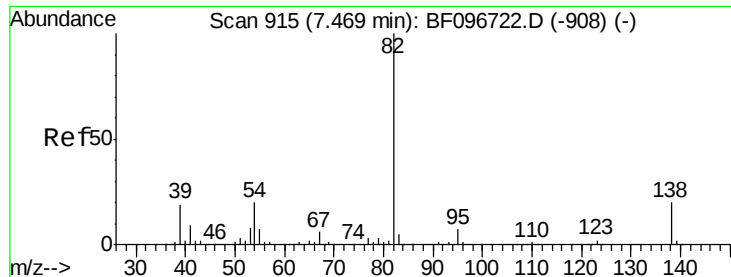
Tot Ion: 82 Resp: 550781
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 64.1 42.2 63.2#



#24
 Nitrobenzene
 Concen: 39.39 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Tgt Ion: 77 Resp: 285516
 Ion Ratio Lower Upper
 77 100
 123 52.7 35.8 53.8
 65 14.8 10.6 15.8





#25

Isophorone

Concen: 38.24 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

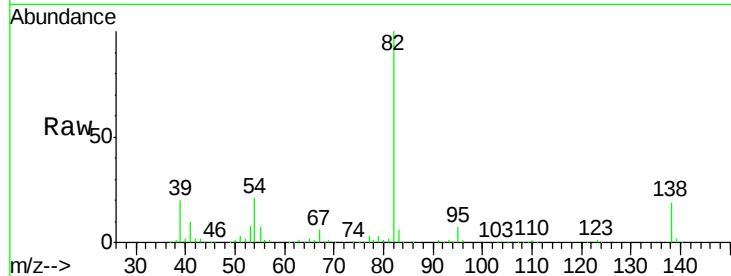
Tot Ion: 82 Resp: 498662

Ion Ratio Lower Upper

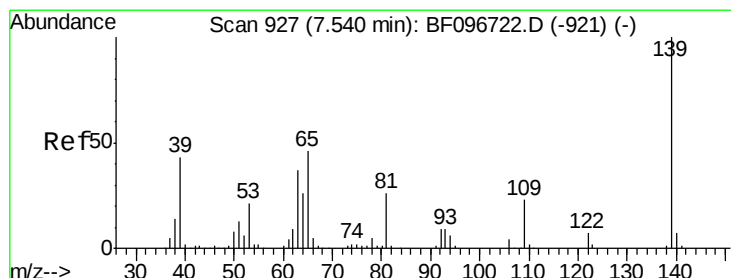
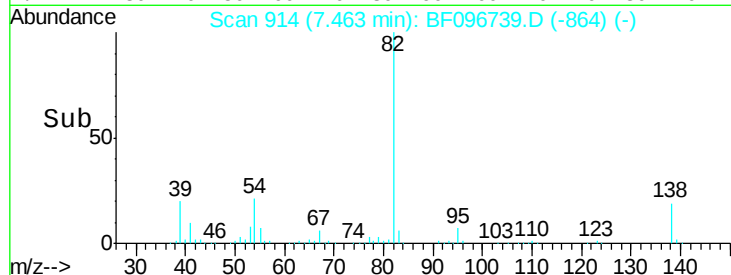
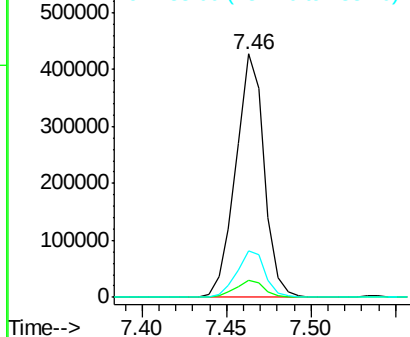
82 100

95 6.9 5.3 7.9

138 18.9 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.88 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

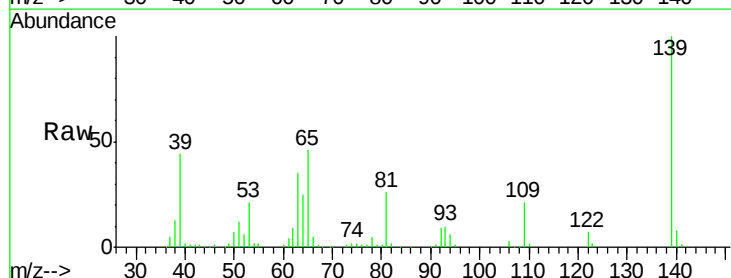
Tgt Ion: 139 Resp: 160755

Ion Ratio Lower Upper

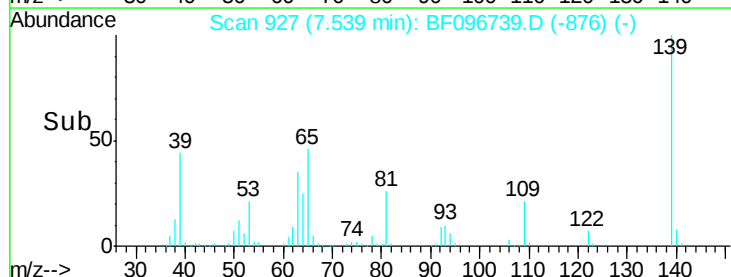
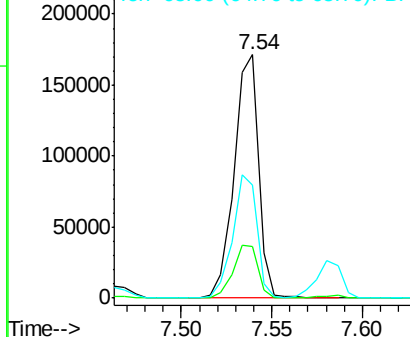
139 100

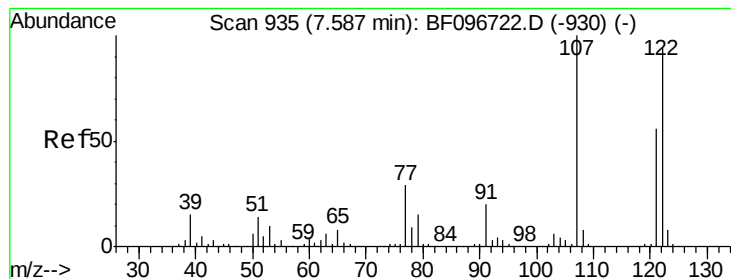
109 21.3 21.0 31.6

65 46.3 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 39.05 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

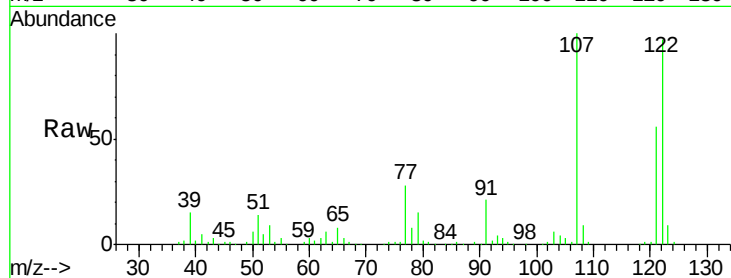
Tot Ion:122 Resp: 258917

Ion Ratio Lower Upper

122 100

107 103.2 89.2 133.8

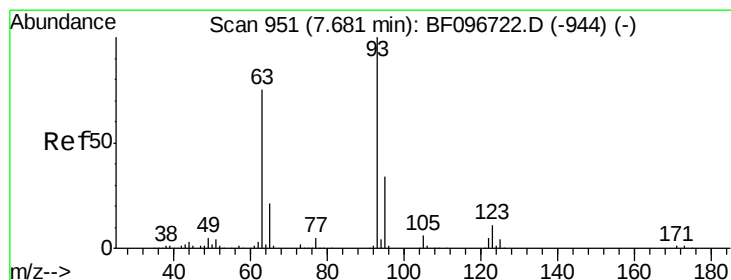
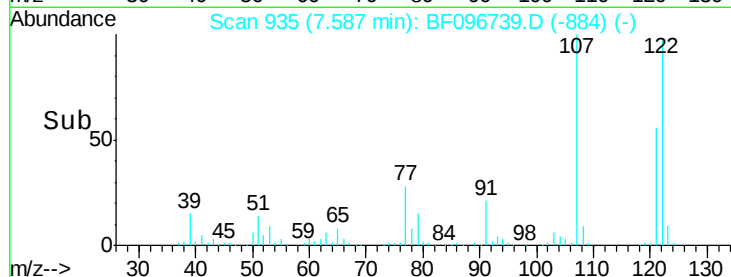
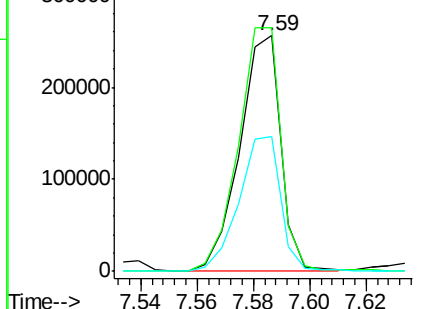
121 57.3 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.40 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

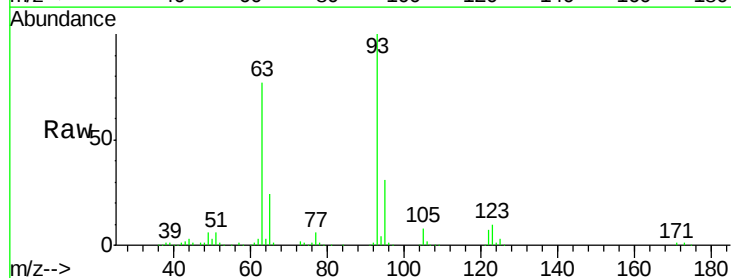
Tgt Ion: 93 Resp: 338368

Ion Ratio Lower Upper

93 100

95 31.5 26.5 39.7

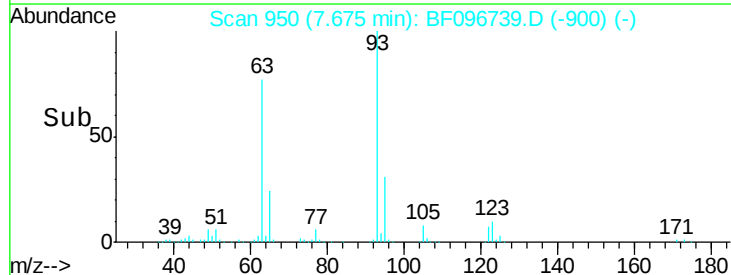
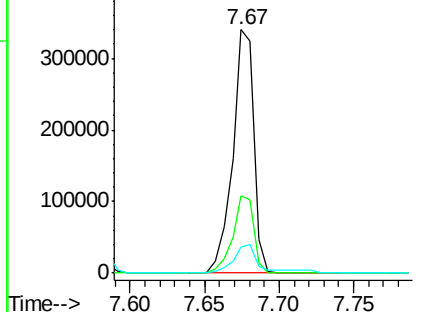
123 10.5 9.0 13.4

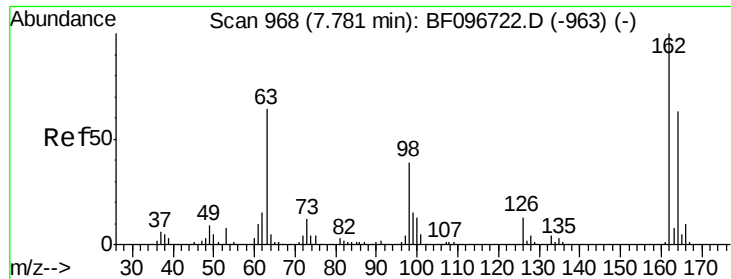


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

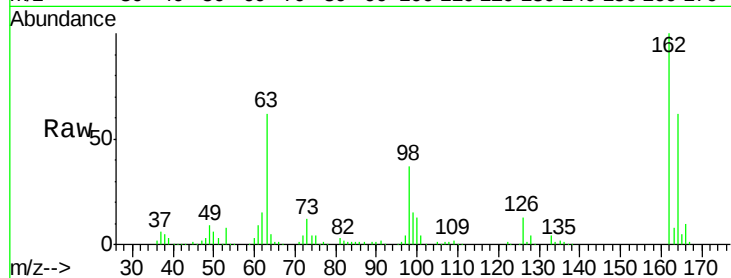




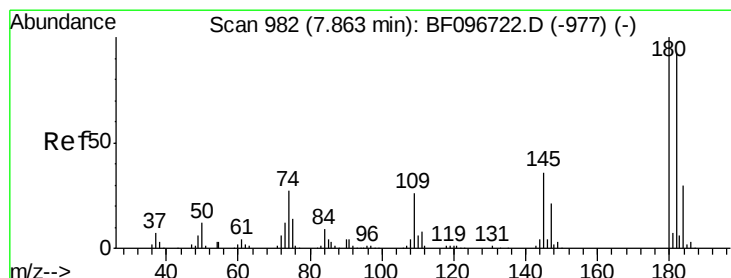
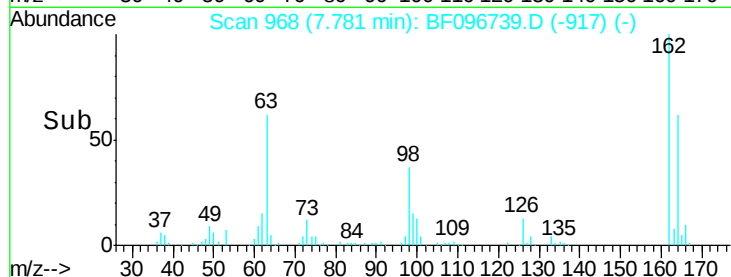
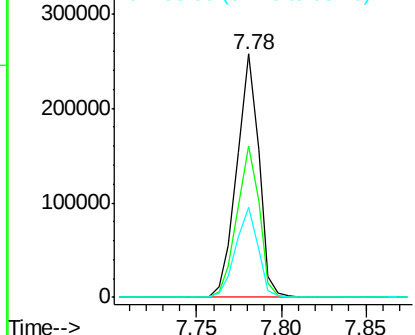
#29
 2,4-Dichlorophenol
 Concen: 39.01 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.6	84.6
98	37.1	14.8	54.8

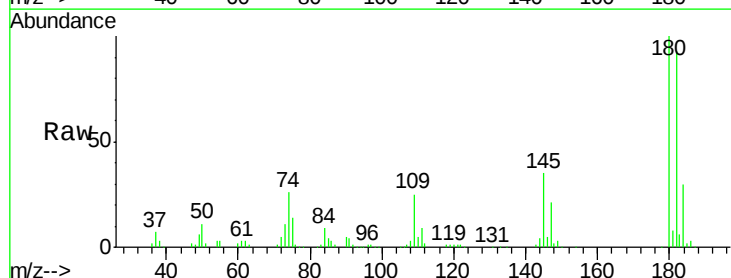


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

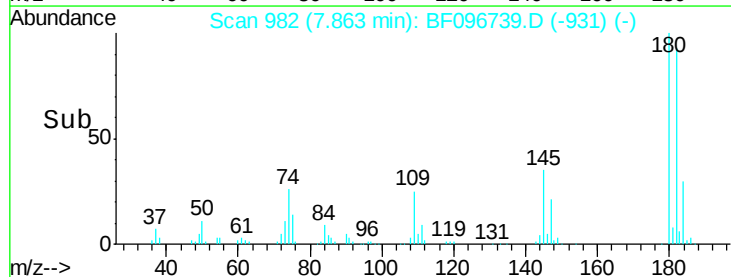
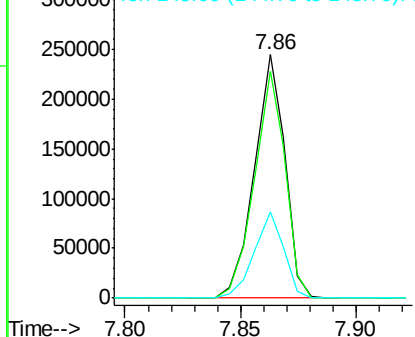


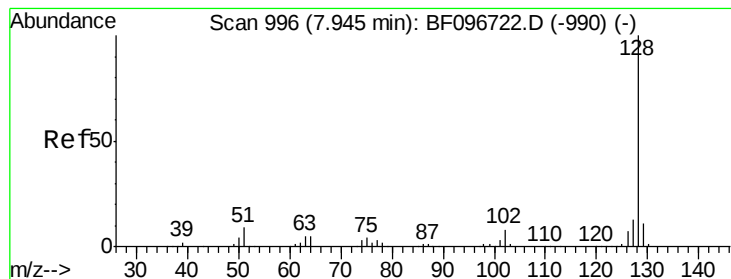
#30
 1,2,4-Trichlorobenzene
 Concen: 39.48 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.8	113.6
145	35.3	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: 39.25 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

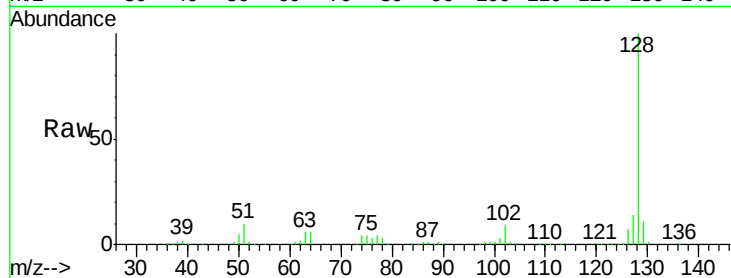
Tot Ion:128 Resp: 807177

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

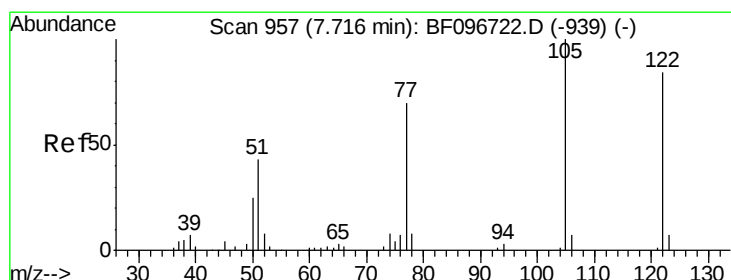
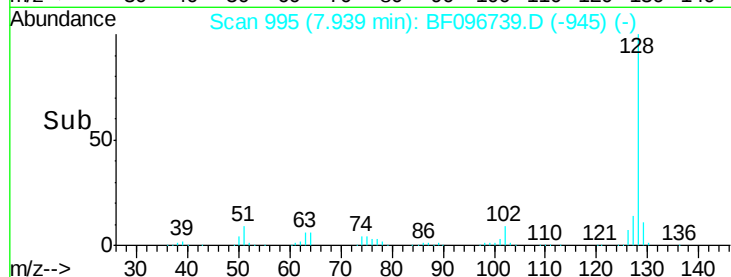
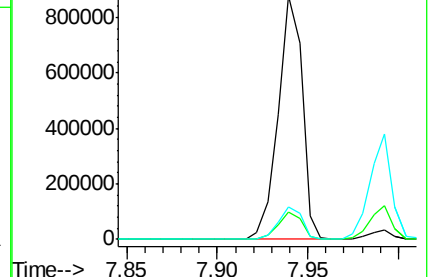
127 13.5 10.8 16.2



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: 38.29 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

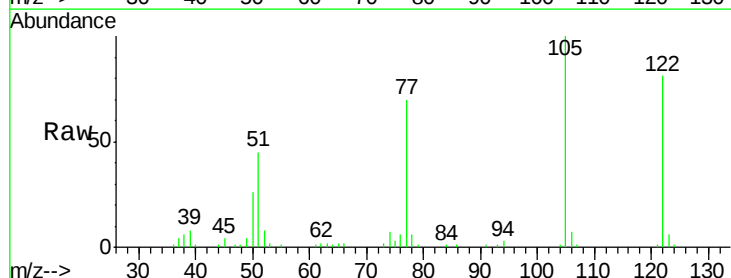
Tgt Ion:122 Resp: 162290

Ion Ratio Lower Upper

122 100

105 123.8 103.3 143.3

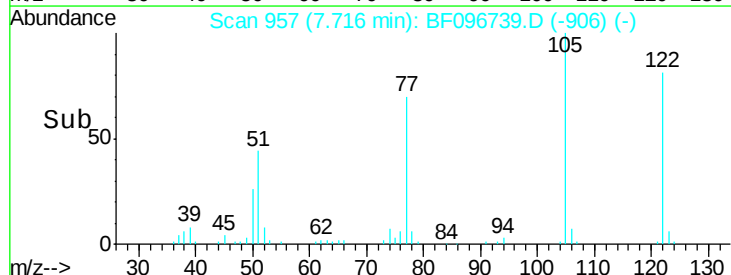
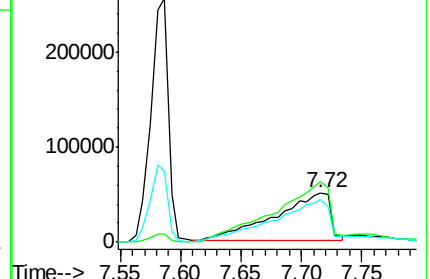
77 86.8 73.7 113.7

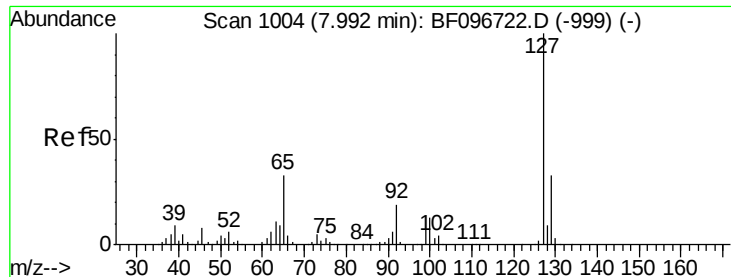


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

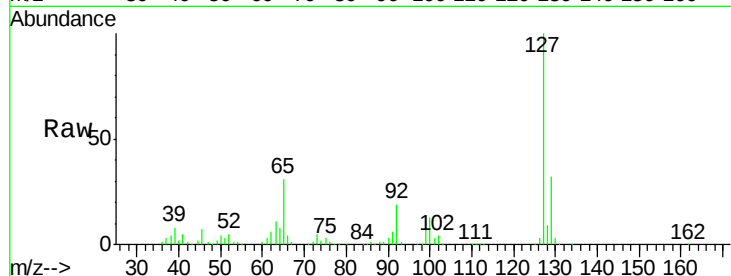




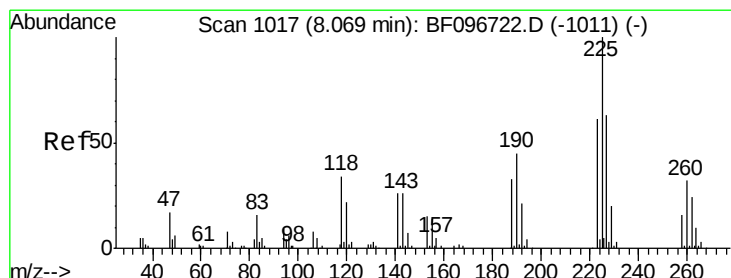
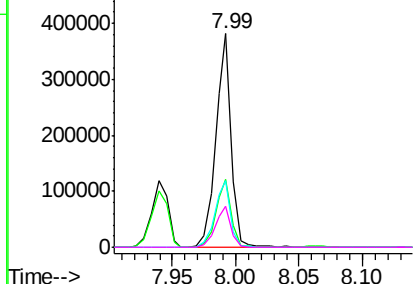
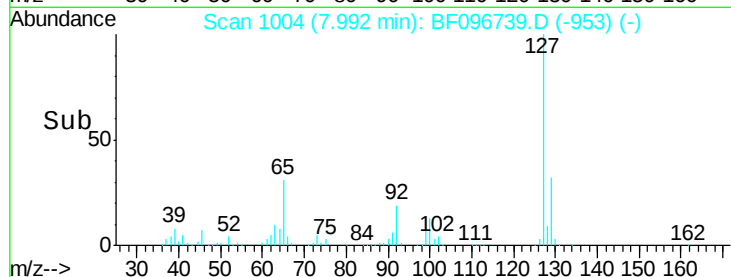
#33
4-Chloroaniline
Concen: 39.85 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	324741
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	31.5	27.8	41.8
92	19.0	16.8	25.2

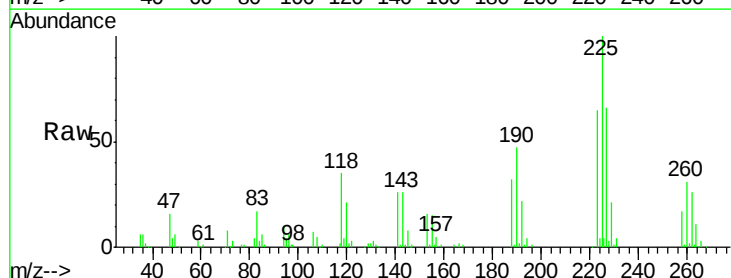


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

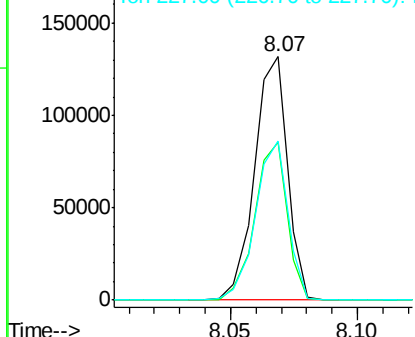
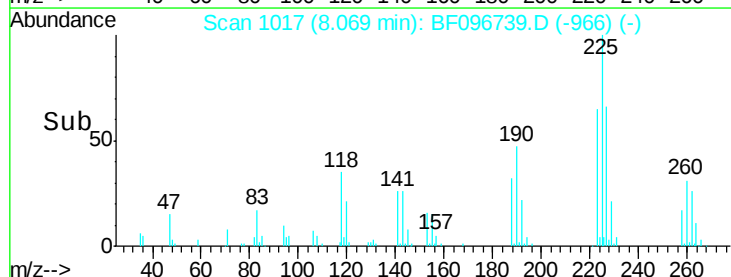


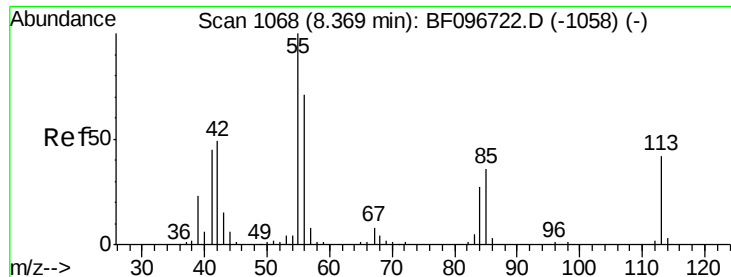
#34
Hexachlorobutadiene
Concen: 39.41 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion:	225	Resp:	120071
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	65.5	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: 38.16 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

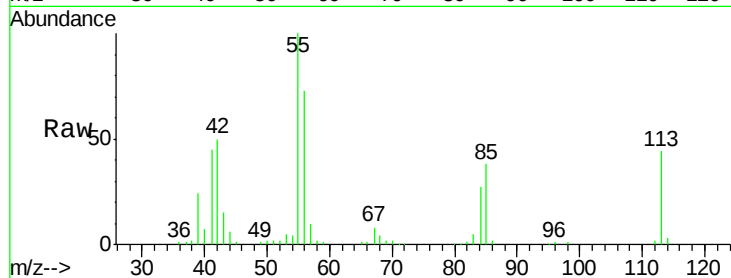
Tot Ion:113 Resp: 73400

Ion Ratio Lower Upper

113 100

55 226.3 150.2 190.2#

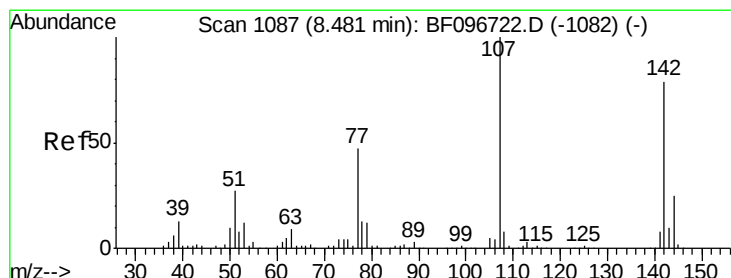
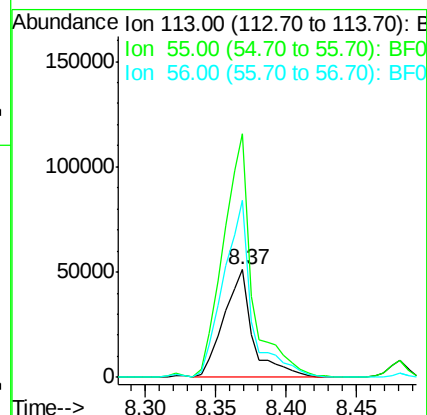
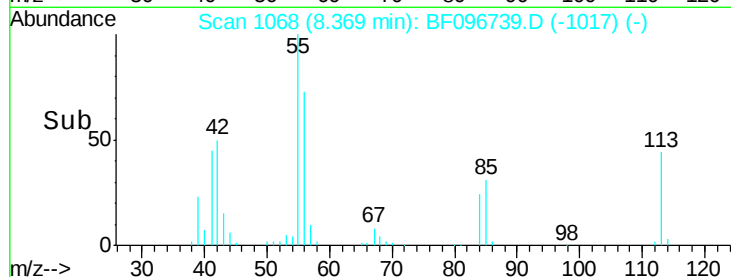
56 164.8 107.8 147.8#



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: 39.05 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

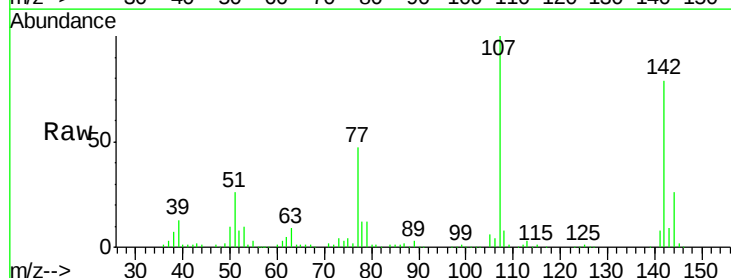
Tgt Ion:107 Resp: 252059

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

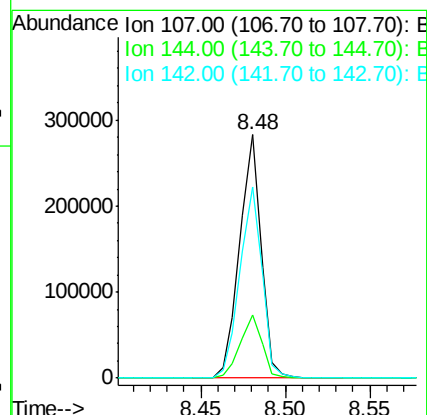
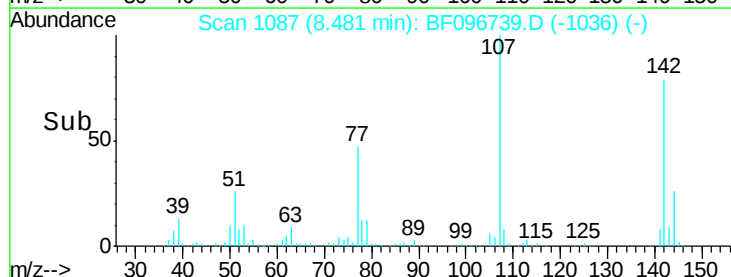
142 78.6 73.4 110.0

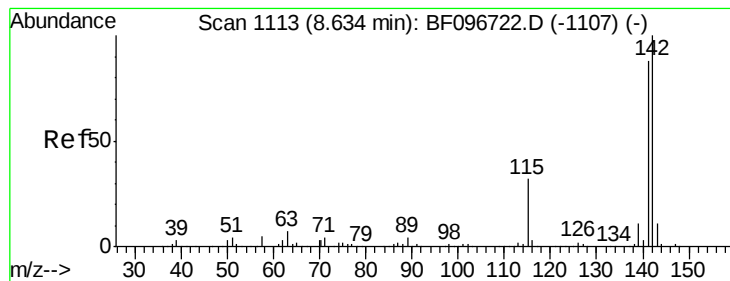


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.84 ng

RT: 8.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

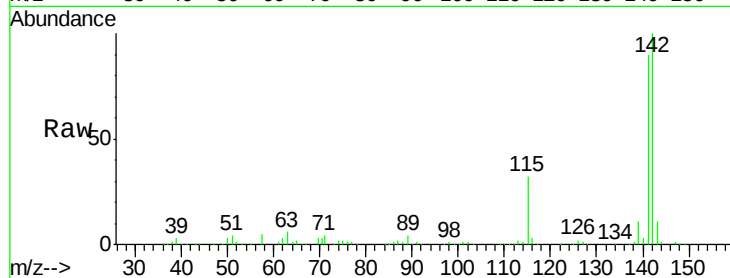
Tot Ion:142 Resp: 522411

Ion Ratio Lower Upper

142 100

141 90.1 71.3 106.9

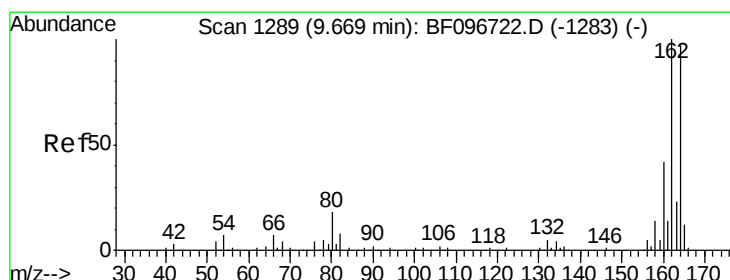
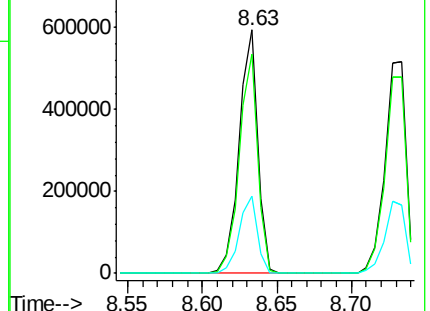
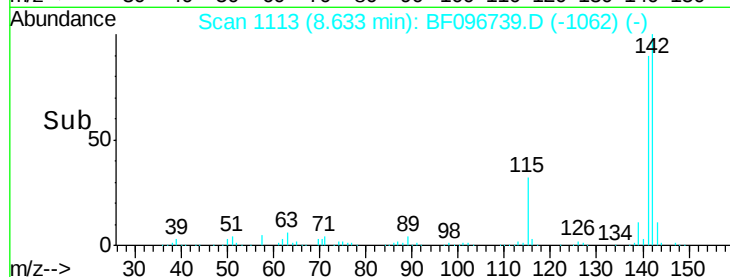
115 31.8 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

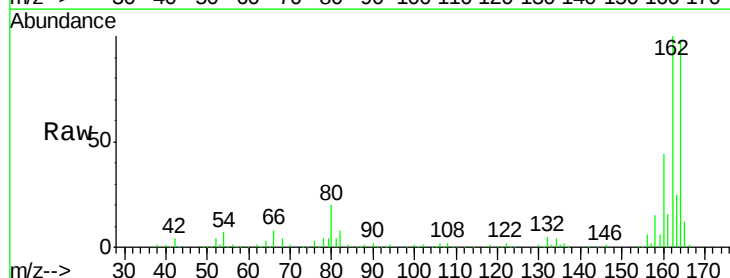
Tgt Ion:164 Resp: 211721

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

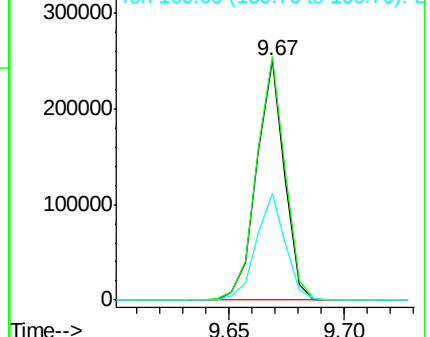
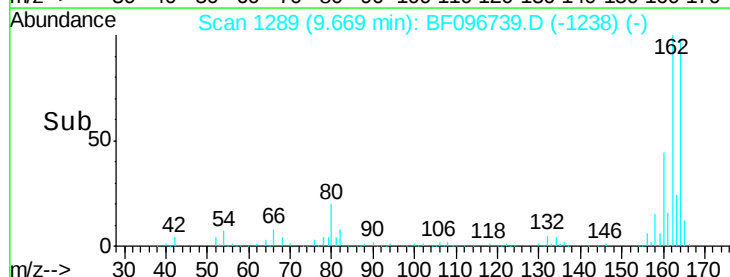
160 44.3 36.2 54.2

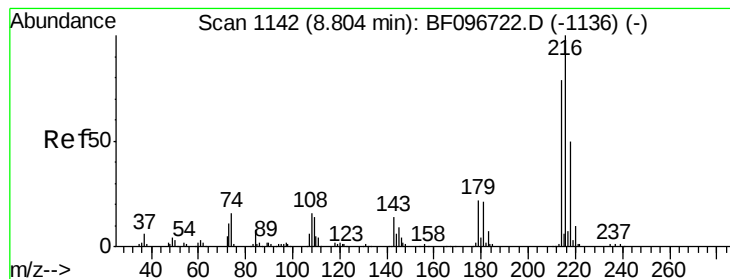


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.07 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 206425

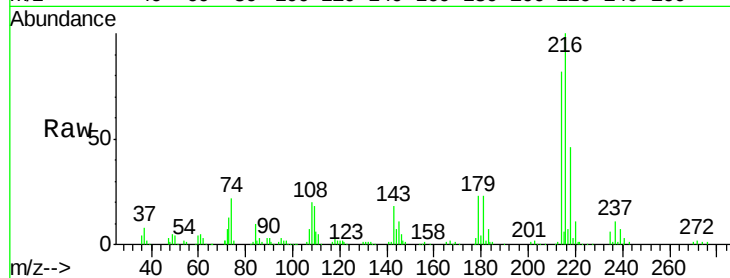
Ion Ratio Lower Upper

216 100

214 80.8 63.4 95.2

179 22.8 17.9 26.9

108 20.1 16.5 24.7

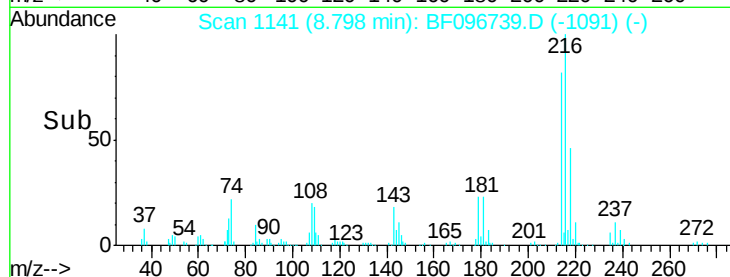
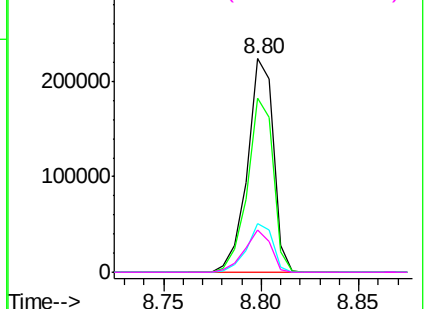


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.67 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

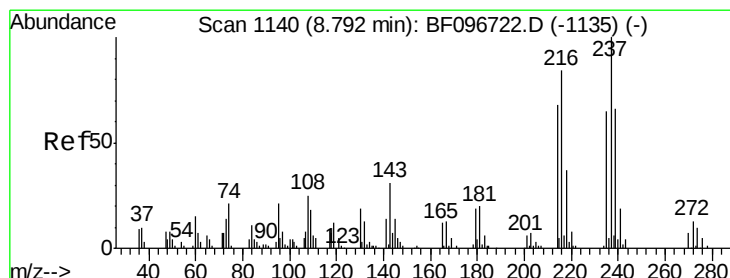
Tgt Ion:237 Resp: 75040

Ion Ratio Lower Upper

237 100

235 65.2 42.6 82.6

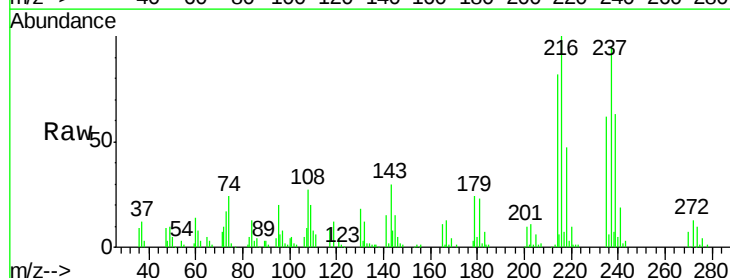
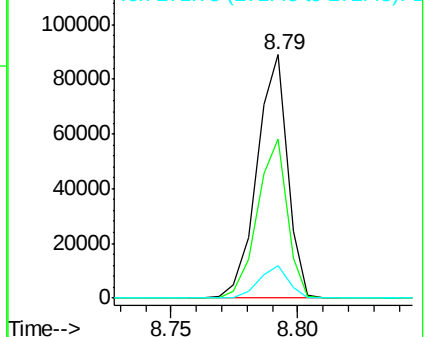
272 13.5 0.0 31.9

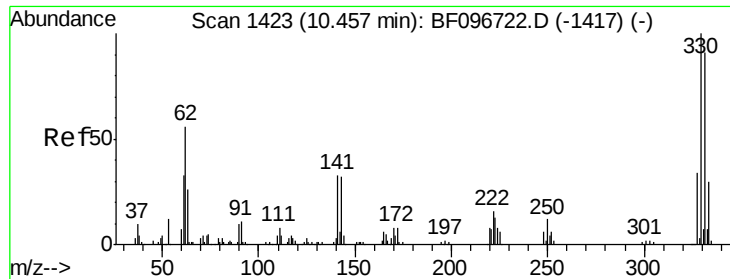


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

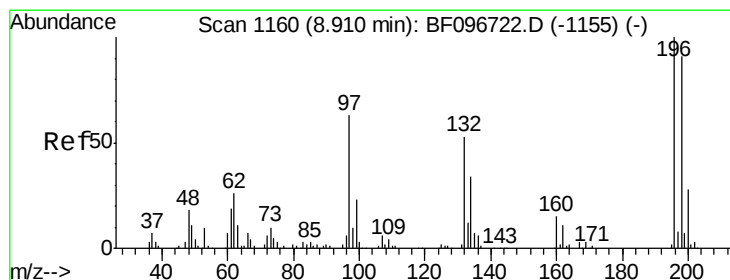
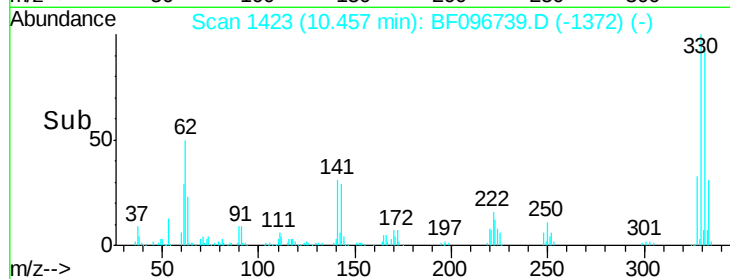
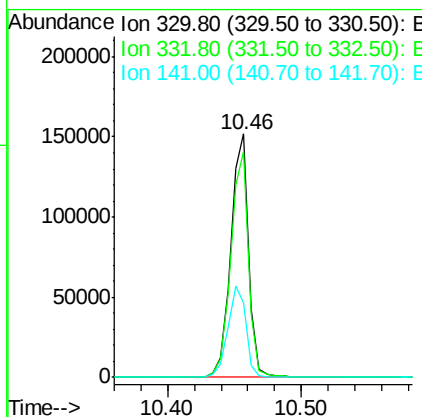
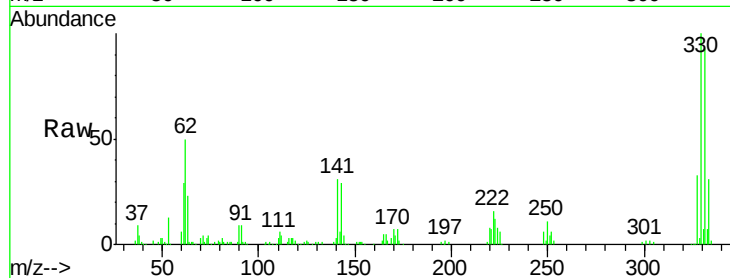




#41
 2,4,6-Tribromophenol
 Concen: 78.99 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

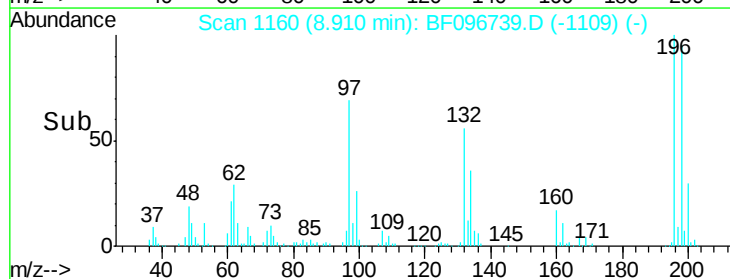
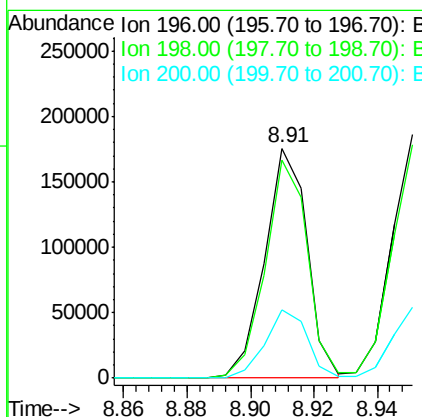
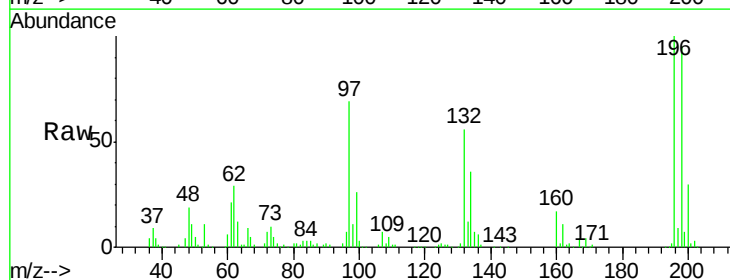
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

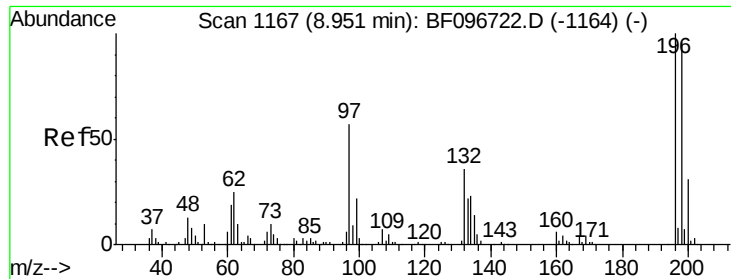
Tot Ion:330 Resp: 142755
 Ion Ratio Lower Upper
 330 100
 332 92.9 76.6 115.0
 141 38.3 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 38.79 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Tgt Ion:196 Resp: 163747
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.4
 200 29.9 24.0 36.0

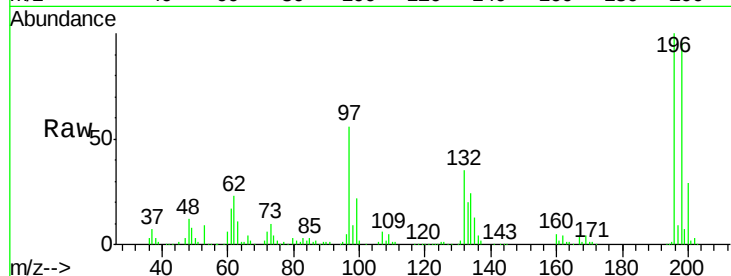




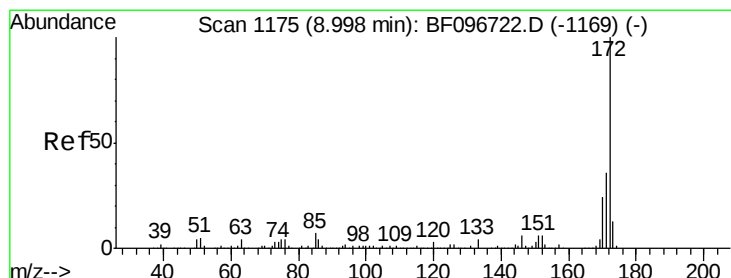
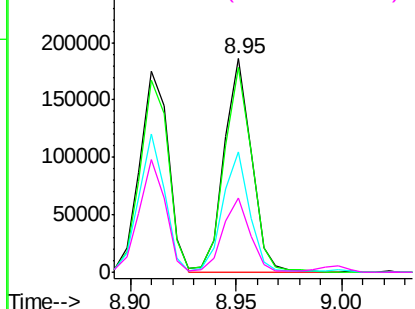
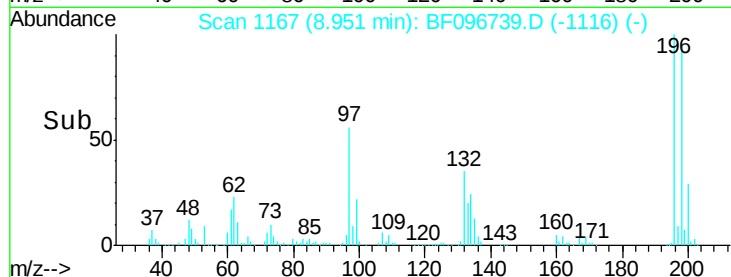
#43
 2,4,5-Trichlorophenol
 Concen: 39.00 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 166035
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 97 56.4 47.7 71.5
 132 35.1 28.0 42.0

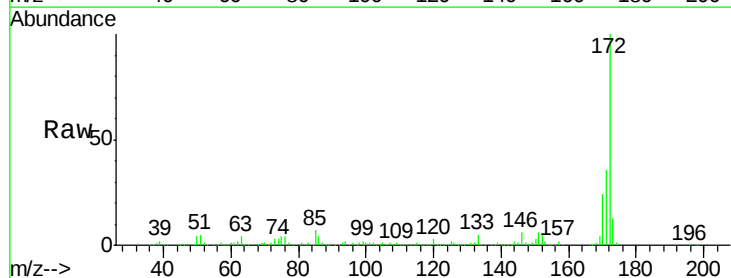


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

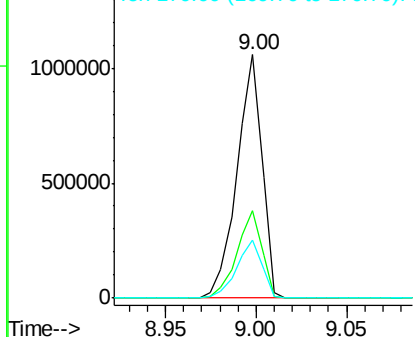
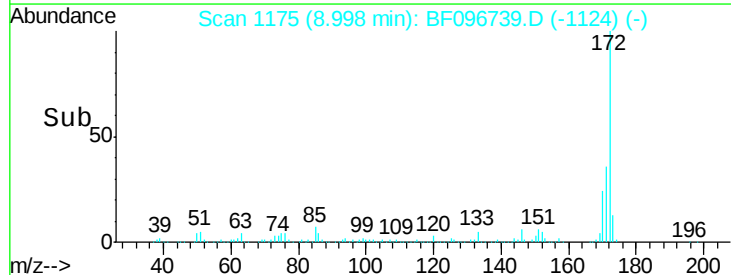


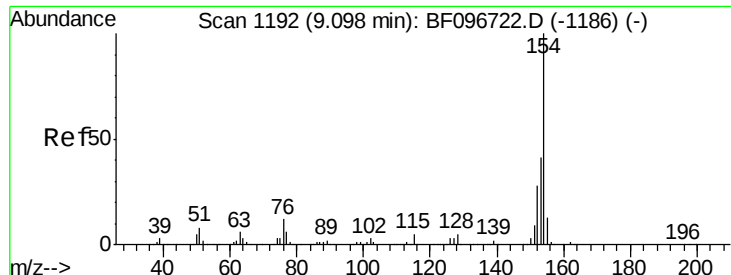
#44
 2-Fluorobiphenyl
 Concen: 75.56 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Tgt Ion:172 Resp: 1012575
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.9 19.8 29.8



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

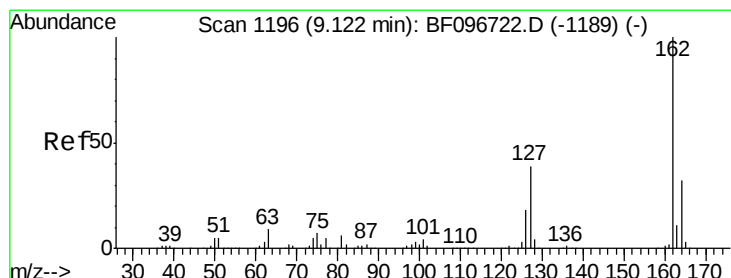
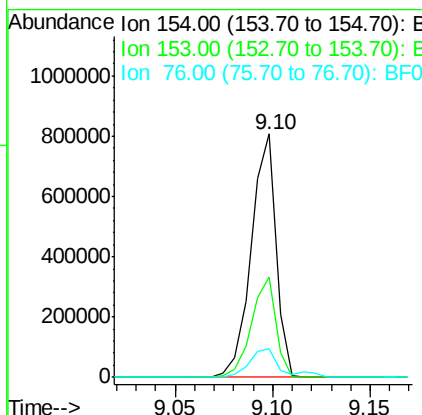
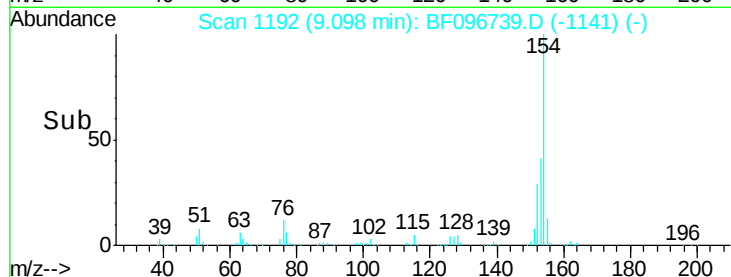
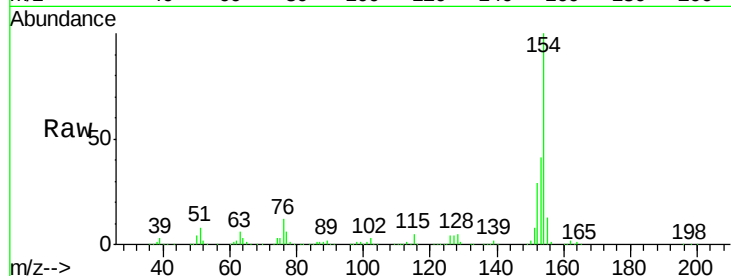




#45
 1,1'-Biphenyl
 Concen: 39.23 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

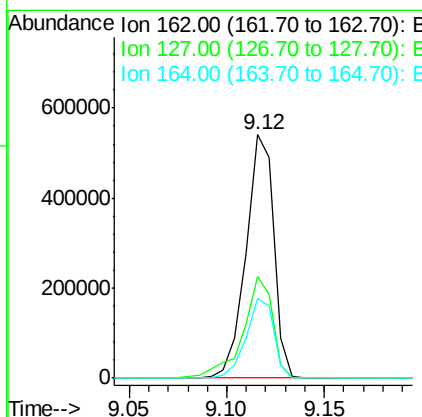
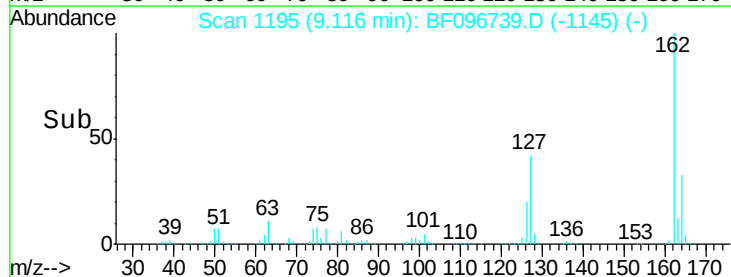
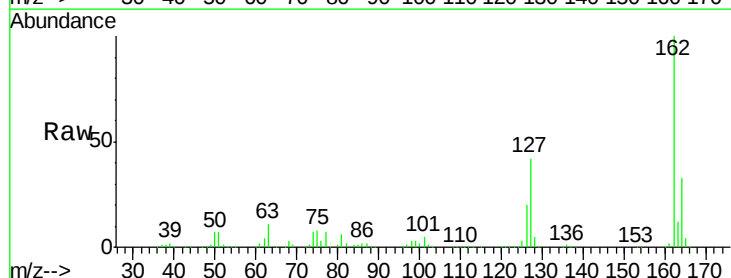
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

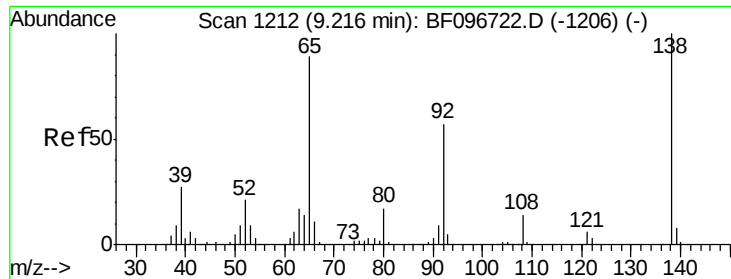
Tot Ion:154 Resp: 712421
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.2 61.2
 76 12.0 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 39.87 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Tgt Ion:162 Resp: 533079
 Ion Ratio Lower Upper
 162 100
 127 41.6 28.3 42.5
 164 32.6 27.0 40.4

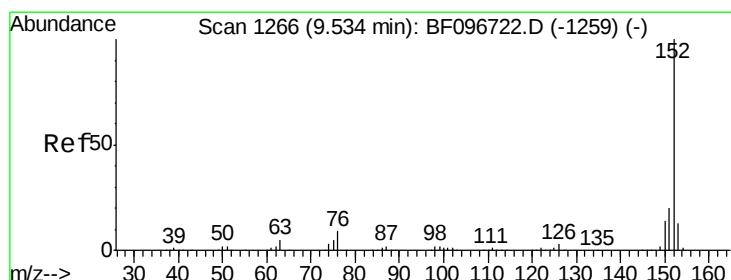
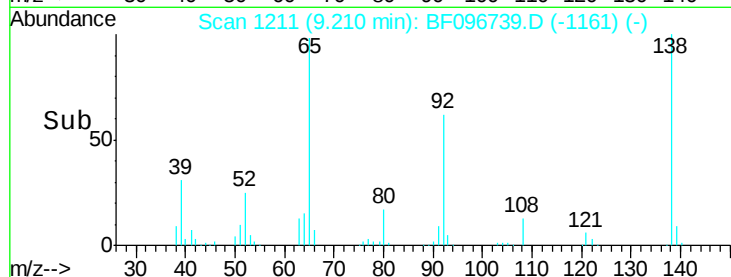
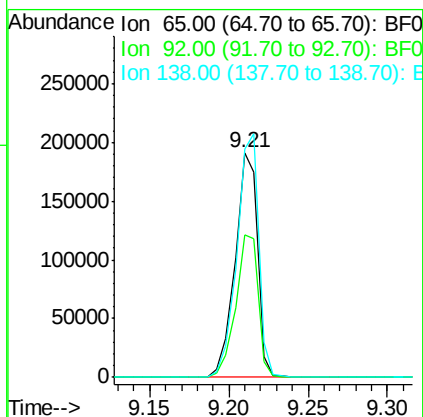
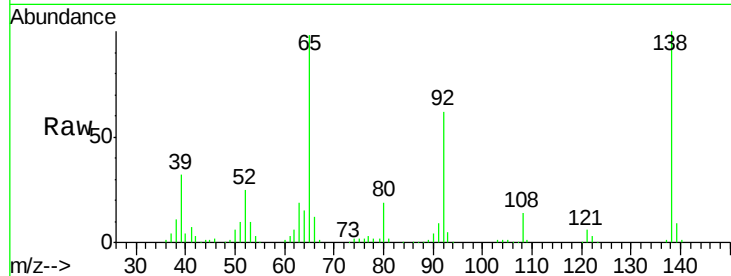




#47
2-Nitroaniline
Concen: 40.72 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

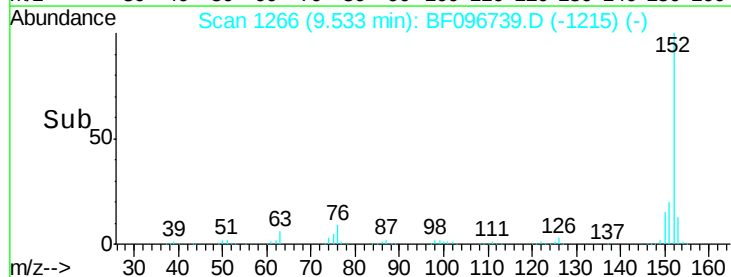
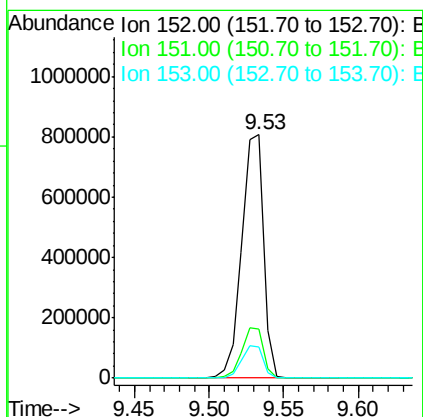
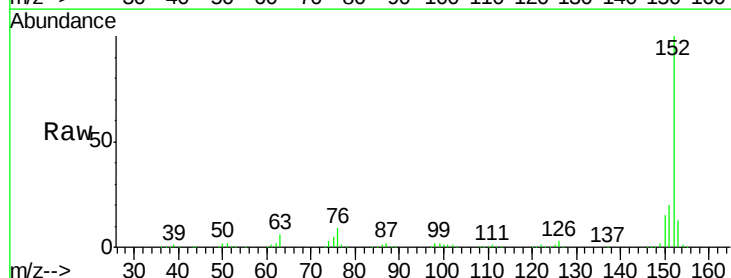
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

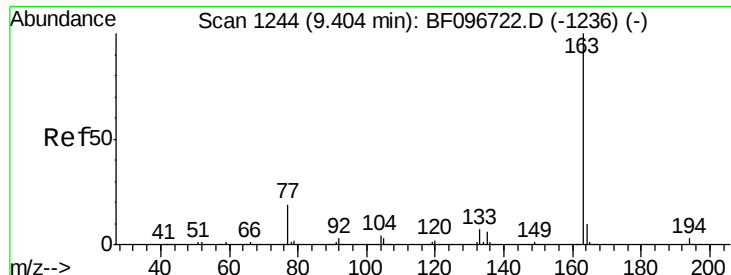
Tot Ion: 65 Resp: 187139
Ion Ratio Lower Upper
65 100
92 63.4 53.9 80.9
138 101.6 78.8 118.2



#48
Acenaphthylene
Concen: 38.47 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion: 152 Resp: 819481
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.0 10.8 16.2

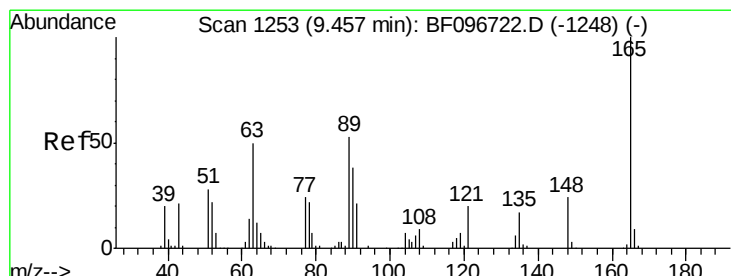
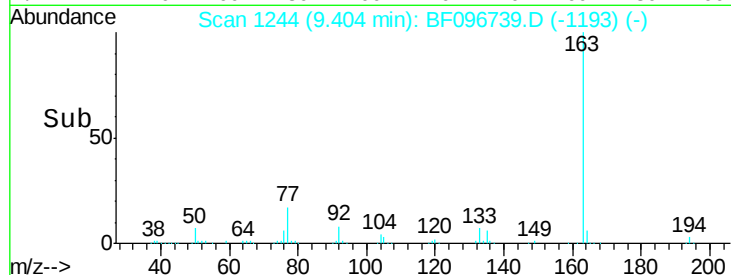
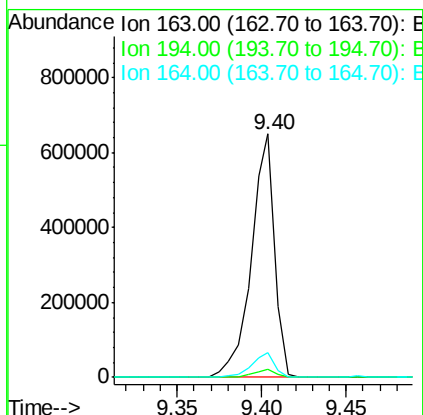
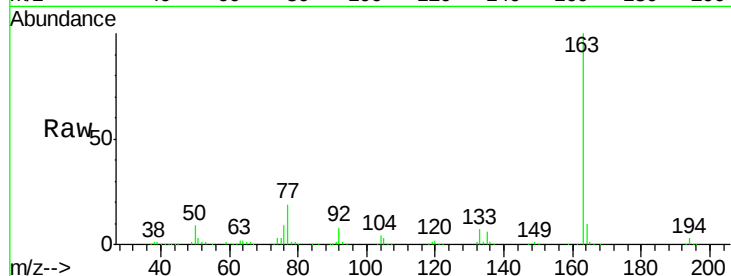




#49
Dimethylphthalate
Concen: 39.18 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

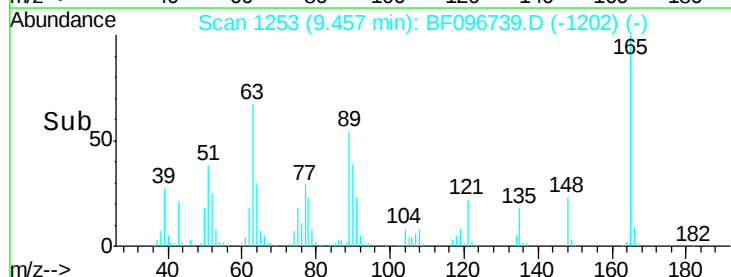
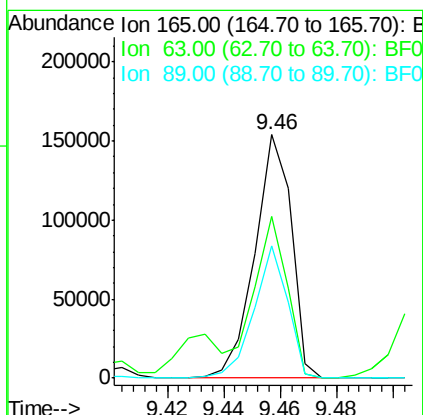
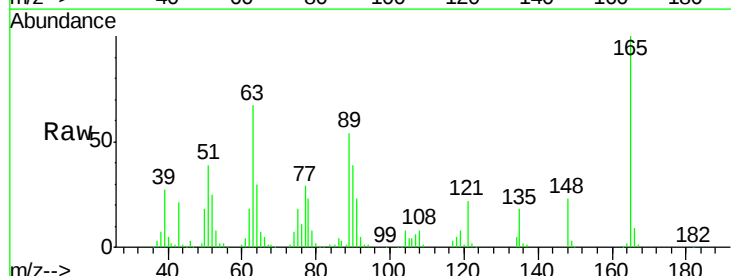
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

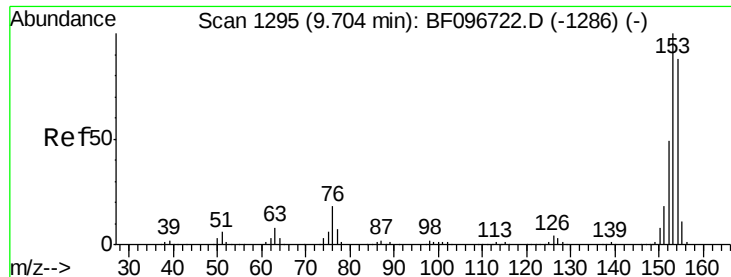
Tot Ion:163 Resp: 624538
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 40.20 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion:165 Resp: 138820
Ion Ratio Lower Upper
165 100
63 66.5 34.3 51.5#
89 54.4 37.1 55.7





#51

Acenaphthene

Concen: 37.21 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

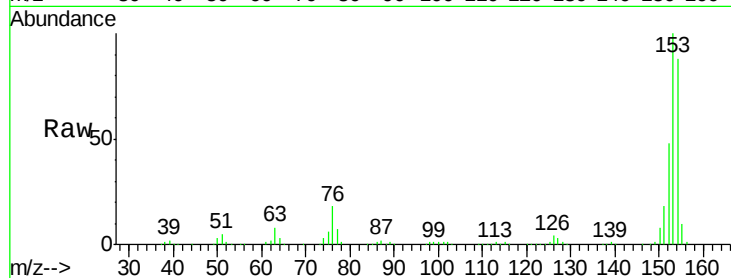
Tot Ion:154 Resp: 468334

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

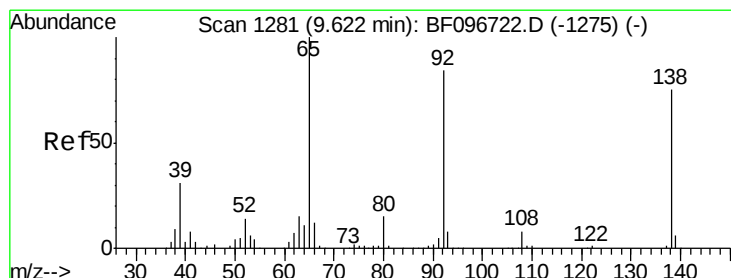
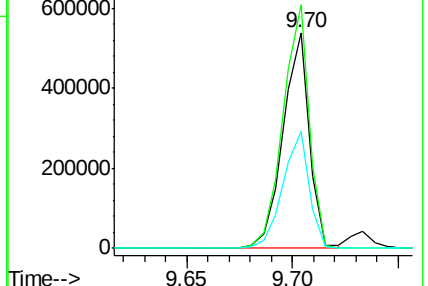
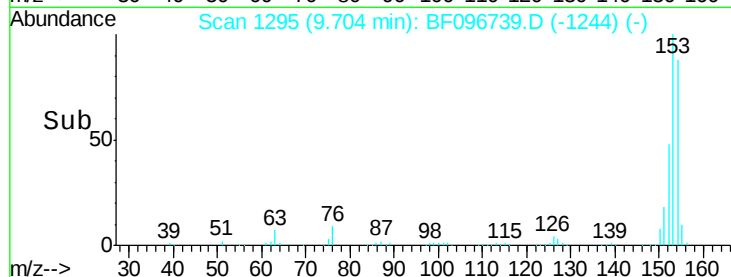
152 54.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.46 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

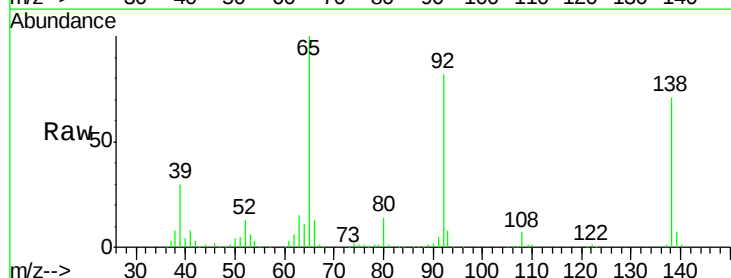
Tgt Ion:138 Resp: 165500

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

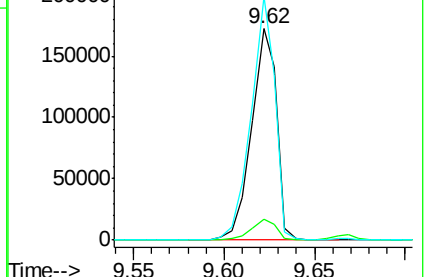
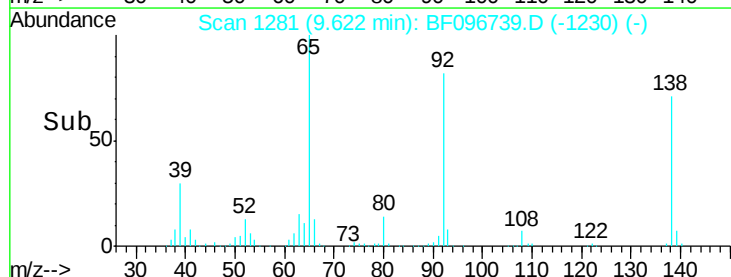
92 115.1 93.8 140.6

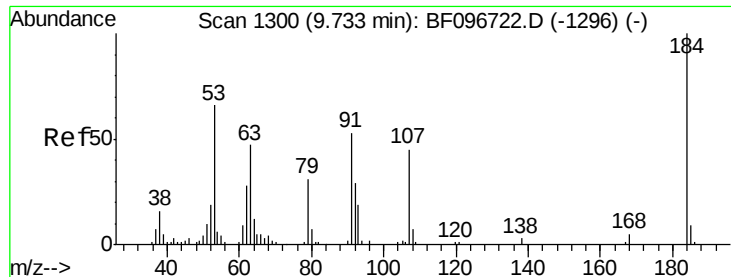


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

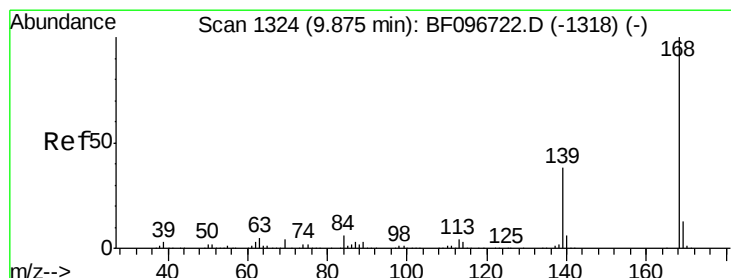
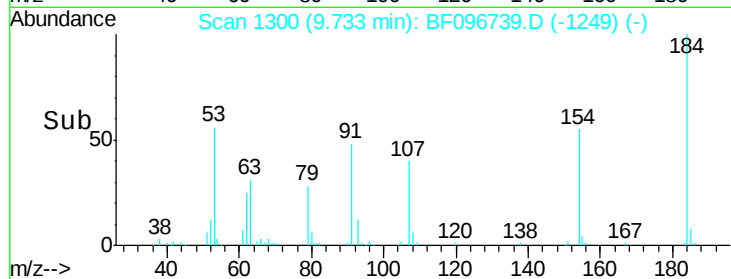
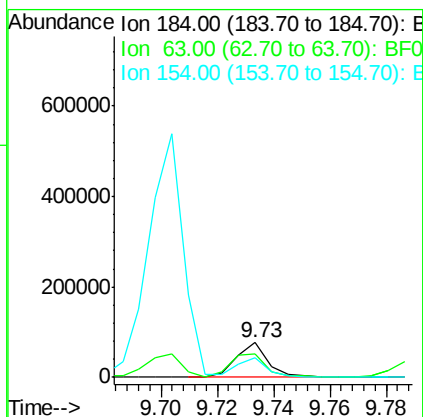
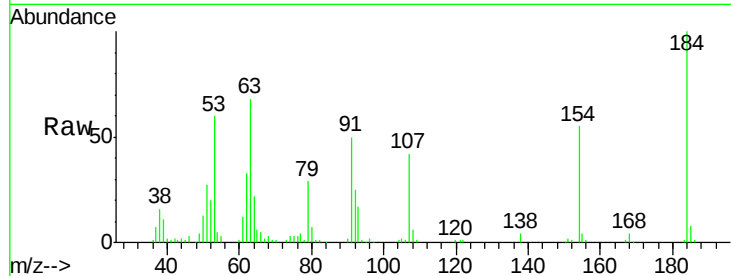




#53
 2,4-Dinitrophenol
 Concen: 38.76 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

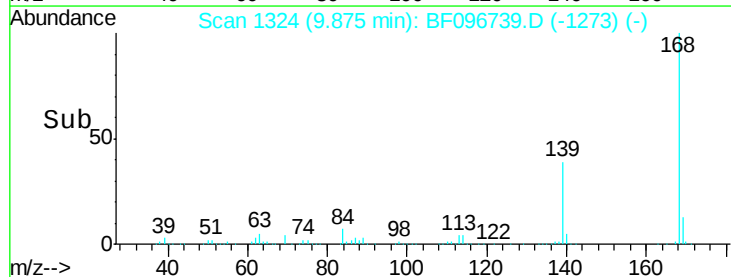
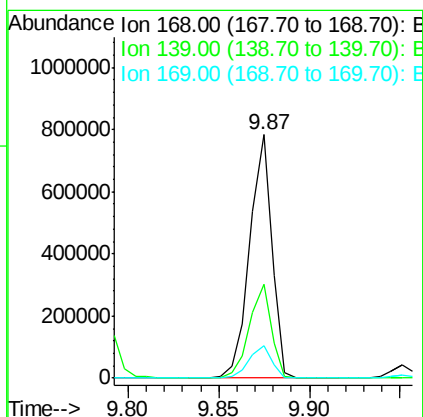
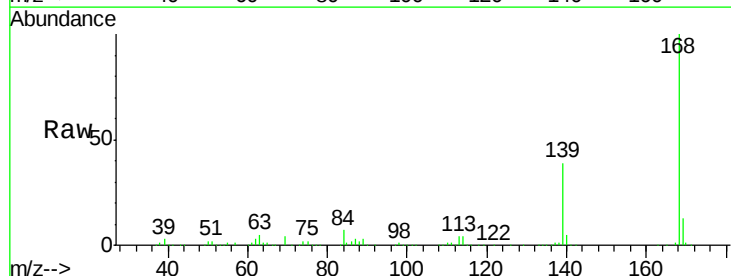
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

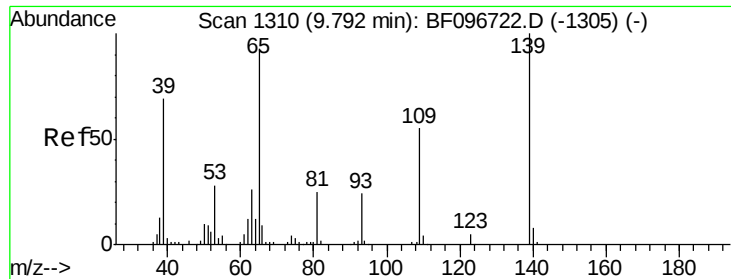
Tot Ion:184 Resp: 59777
 Ion Ratio Lower Upper
 184 100
 63 67.6 62.7 94.1
 154 54.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.01 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Tgt Ion:168 Resp: 670339
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.6 45.8
 169 13.4 10.8 16.2

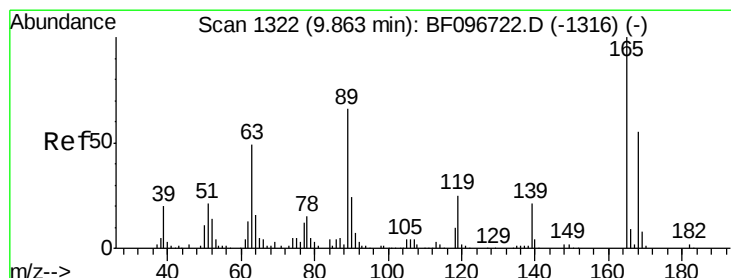
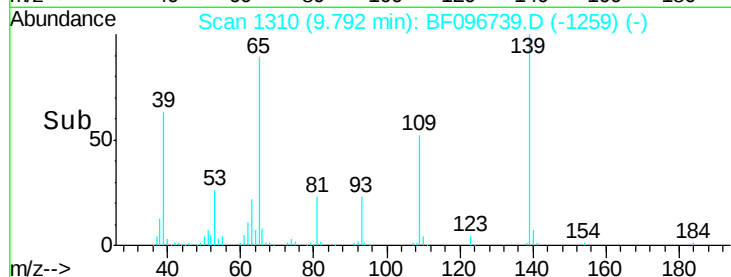
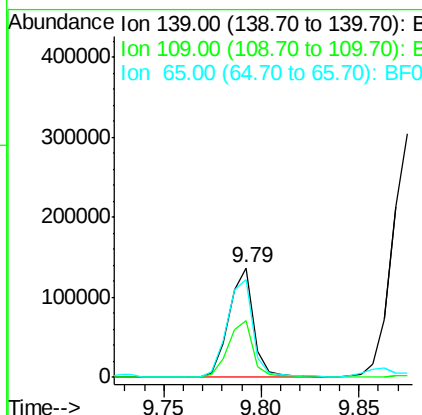
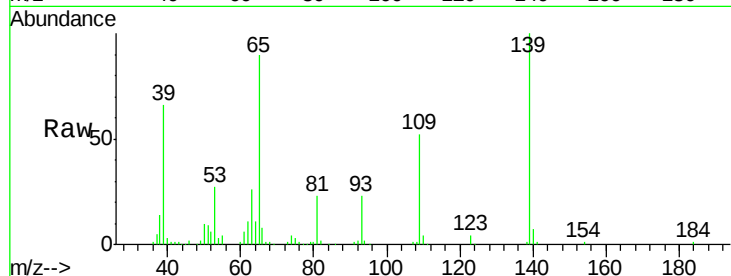




#55
4-Nitrophenol
Concen: 40.66 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

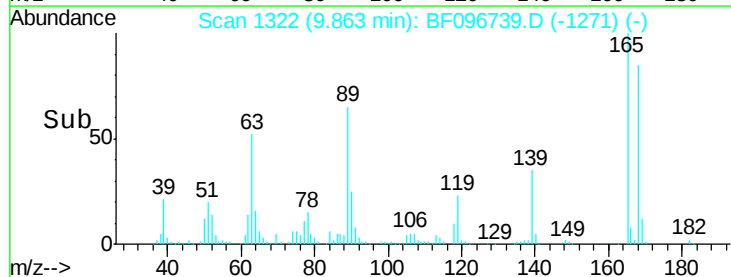
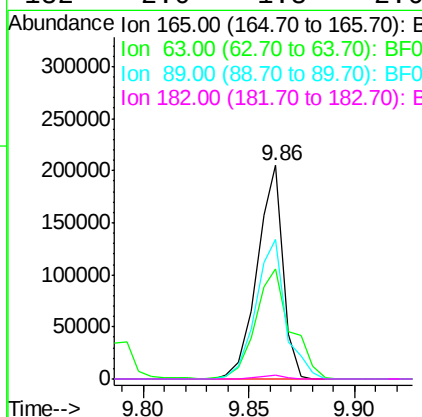
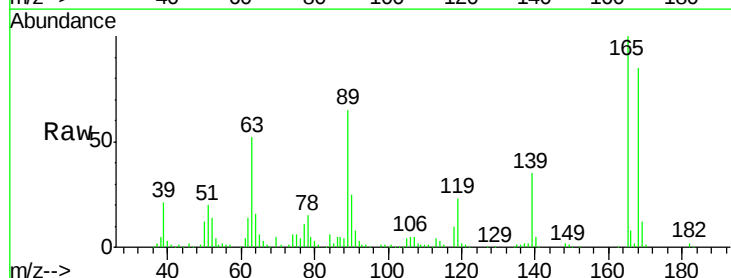
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

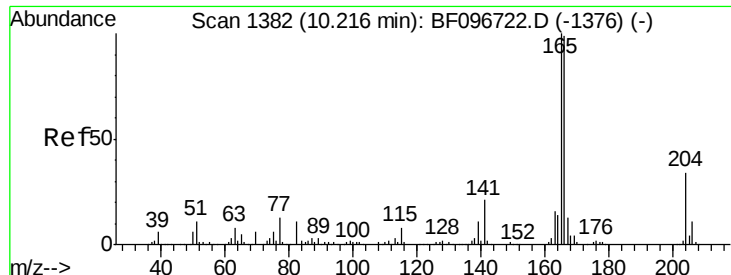
Tot Ion	Ratio	Lower	Upper
139	100		
109	51.7	34.1	74.1
65	89.5	31.4	71.4



#56
2,4-Dinitrotoluene
Concen: 39.27 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.6	25.4	38.0
89	65.4	46.4	69.6
182	2.0	1.8	2.6

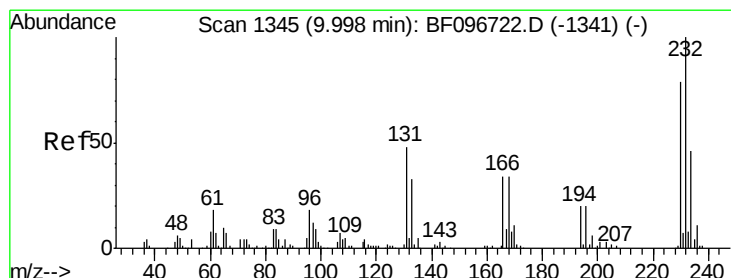
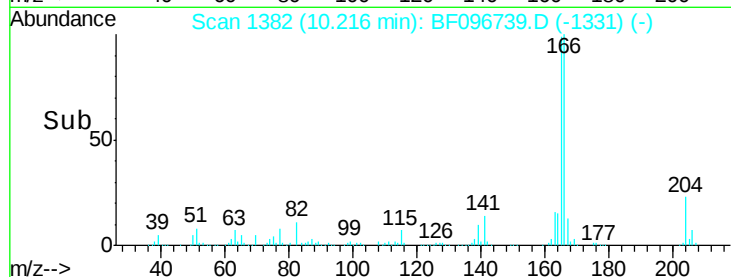
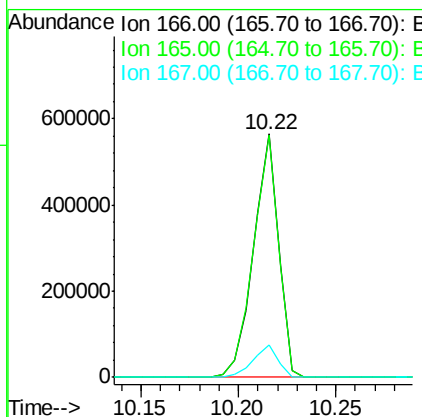
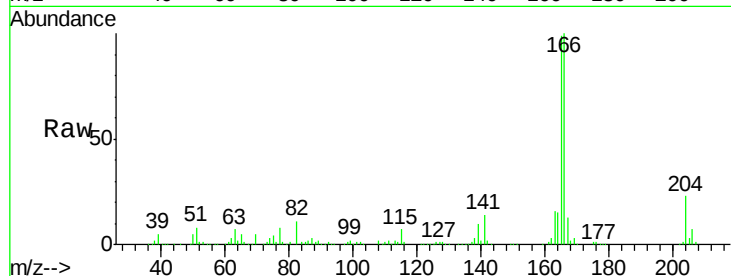




#57
Fluorene
 Concen: 38.64 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

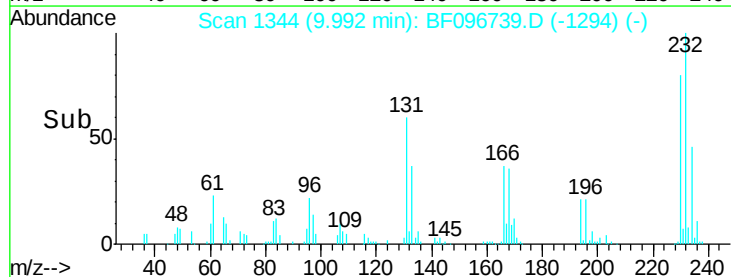
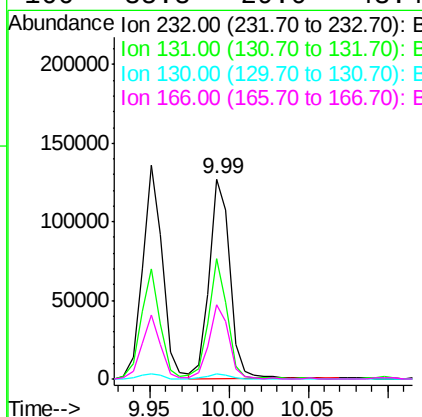
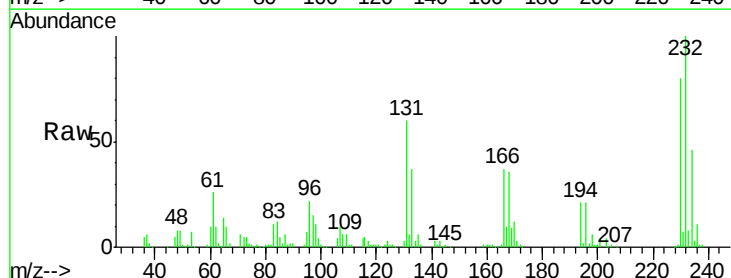
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

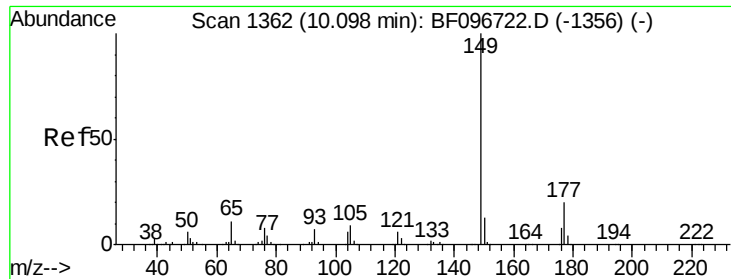
Tot Ion:166 Resp: 503511
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 13.3 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.52 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Tgt Ion:232 Resp: 116691
 Ion Ratio Lower Upper
 232 100
 131 55.5 44.8 67.2
 130 2.6 2.3 3.5
 166 35.8 29.0 43.4

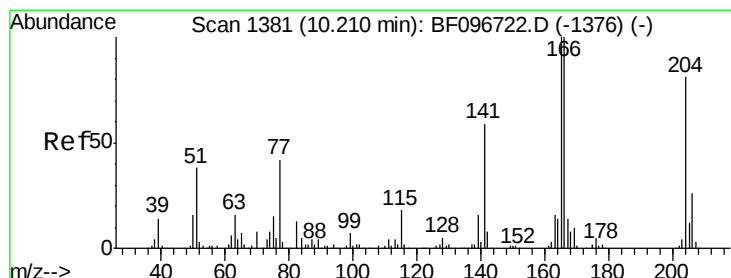
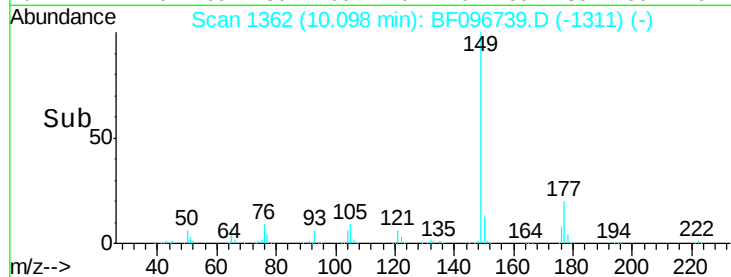
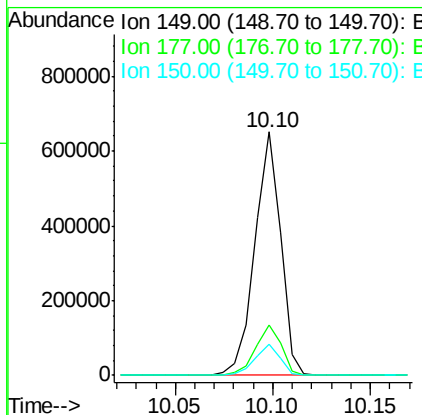
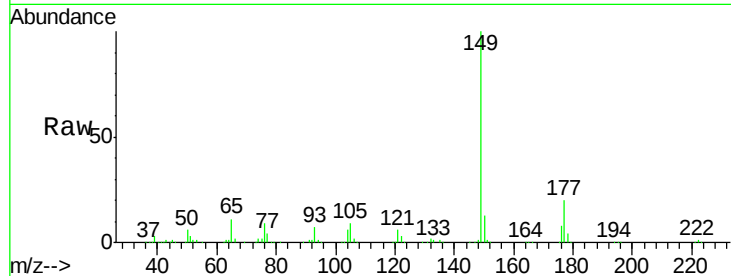




#59
Diethylphthalate
Concen: 38.44 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

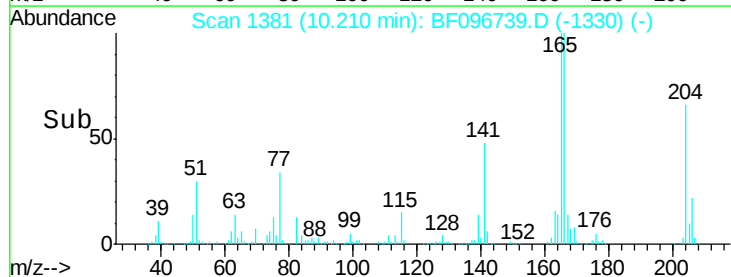
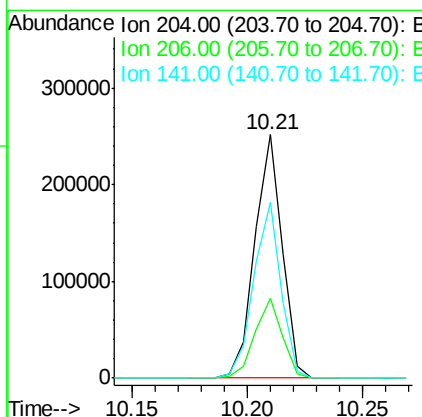
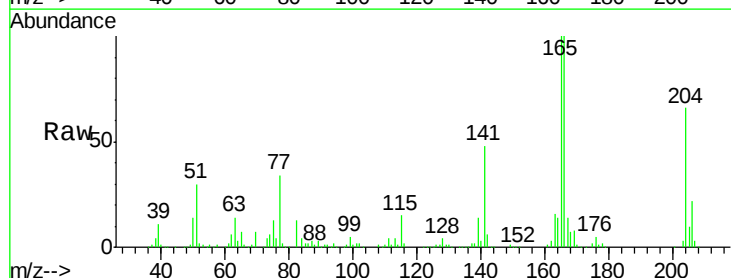
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

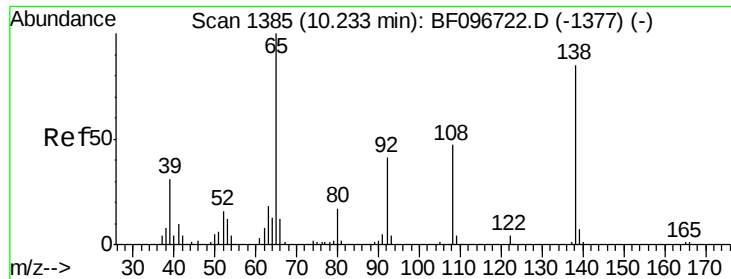
Tot Ion:149 Resp: 596514
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.79 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion:204 Resp: 208547
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 72.4 60.8 91.2

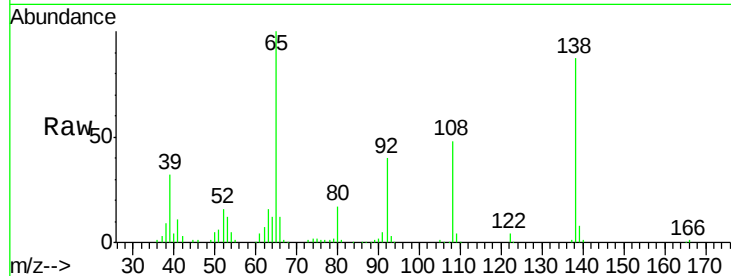




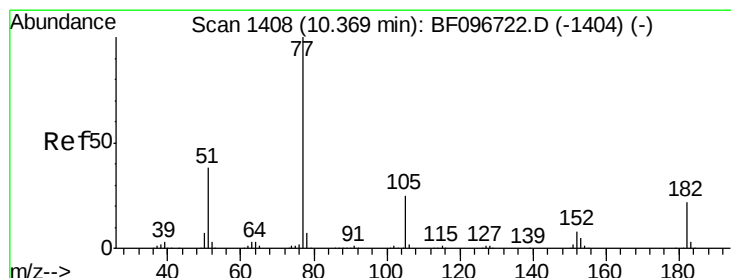
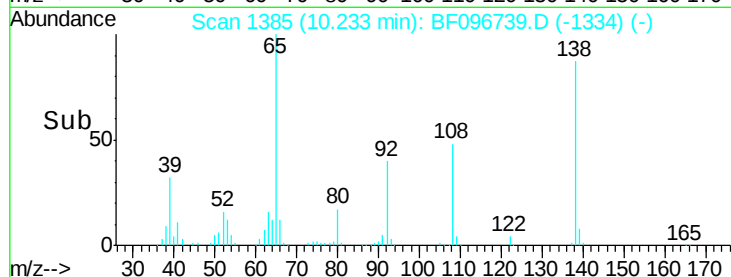
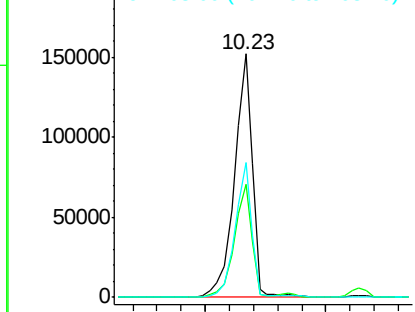
#61
4-Nitroaniline
Concen: 40.97 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 157390
Ion Ratio Lower Upper
138 100
92 46.3 21.8 61.8
108 55.5 42.3 82.3

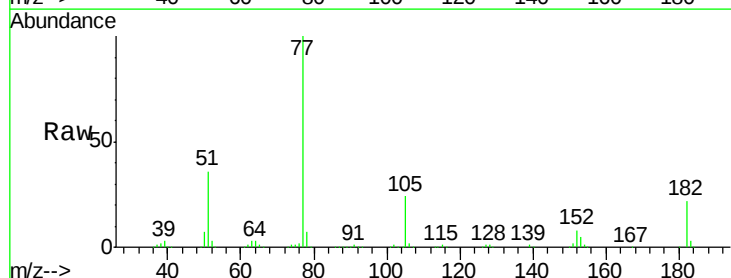


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

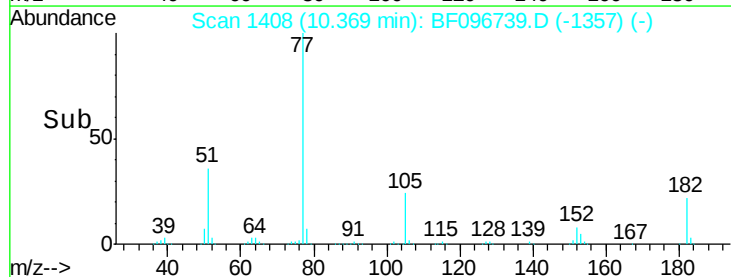
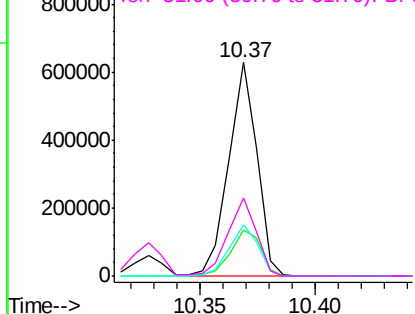


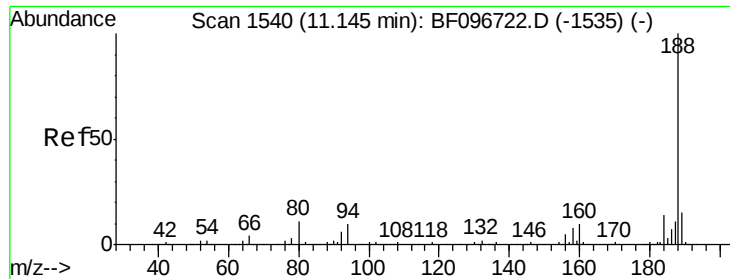
#62
Azobenzene
Concen: 38.98 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion: 77 Resp: 533637
Ion Ratio Lower Upper
77 100
182 21.7 0.1 40.1
105 24.2 3.6 43.6
51 36.3 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

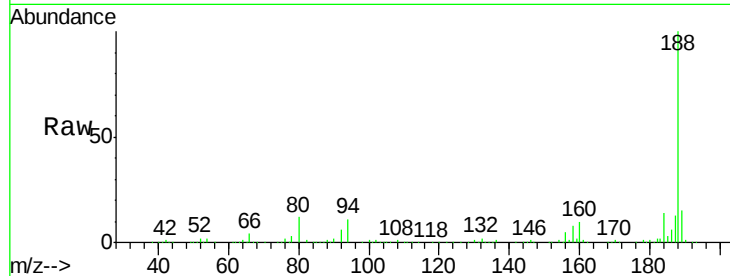




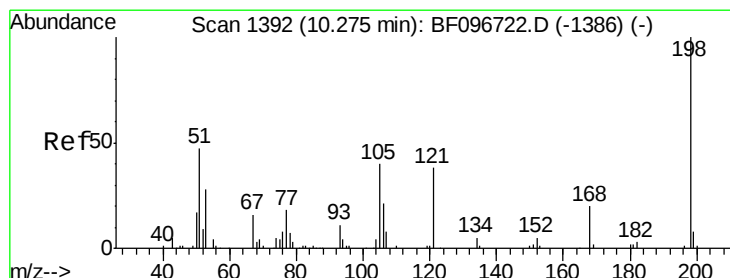
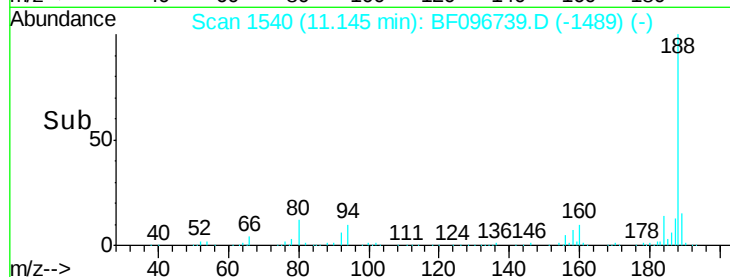
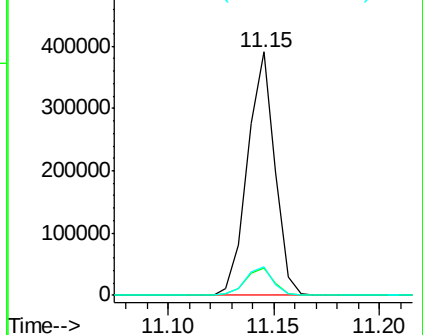
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 349164
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.8 10.2 15.2

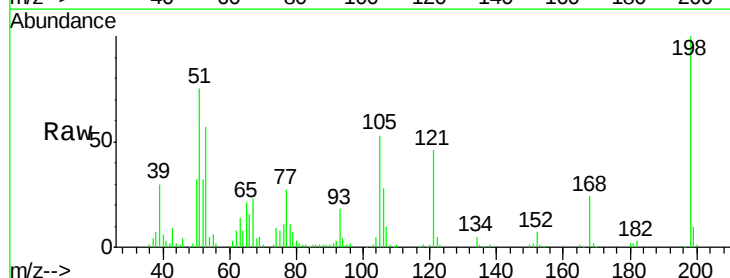


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

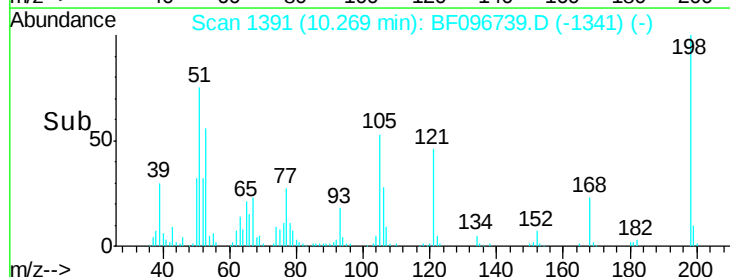
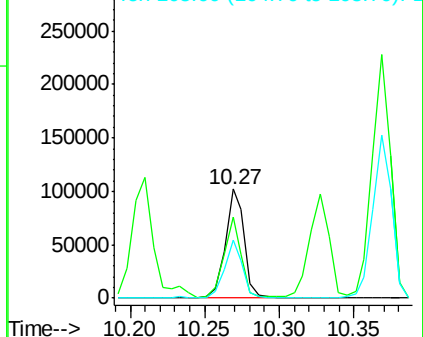


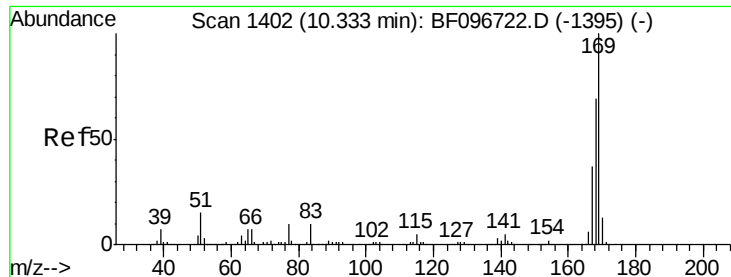
#64
4,6-Dinitro-2-methylphenol
Concen: 41.74 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion:198 Resp: 91514
Ion Ratio Lower Upper
198 100
51 74.6 53.2 93.2
105 53.0 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

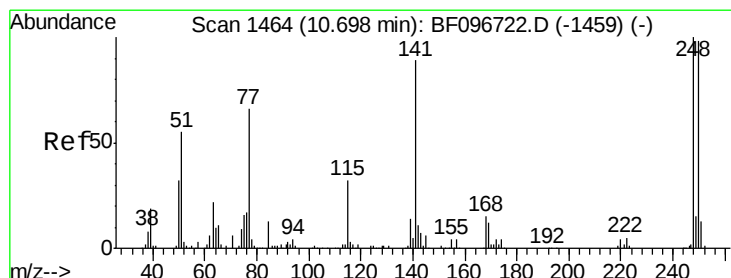
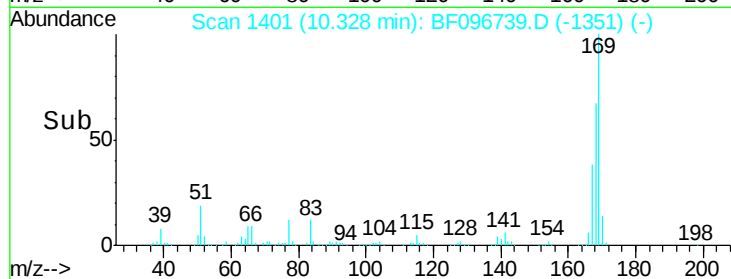
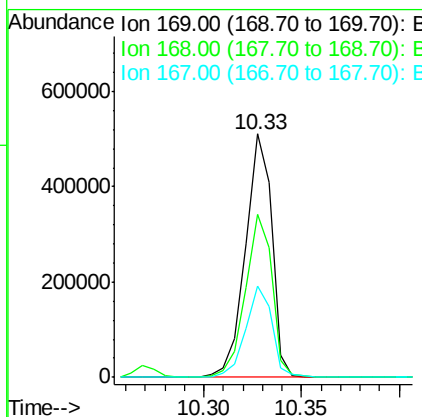
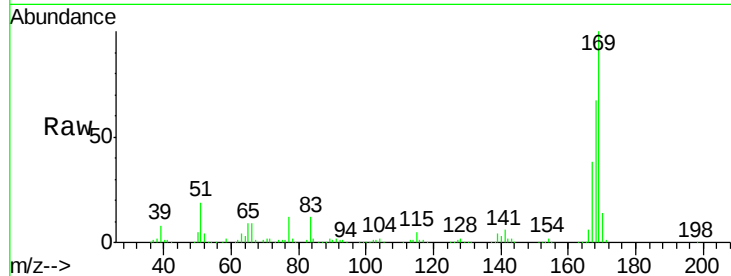




#65
n-Nitrosodiphenylamine
Concen: 38.48 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

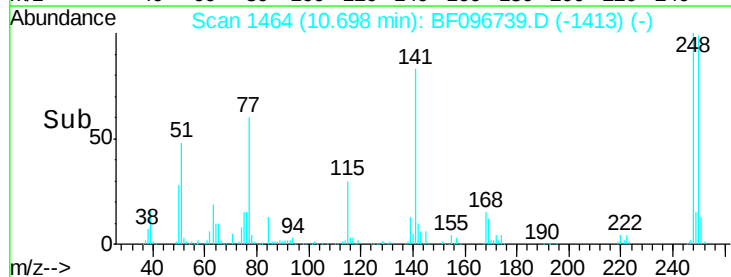
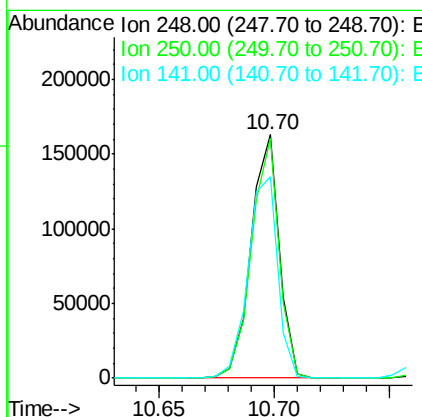
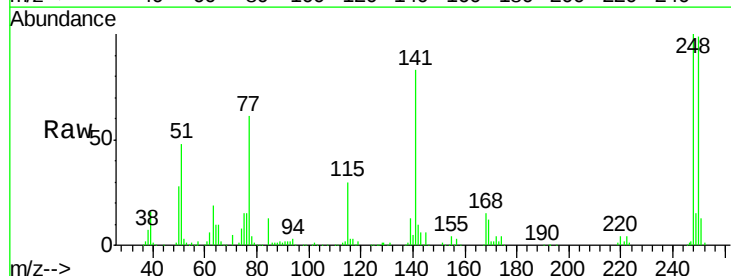
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

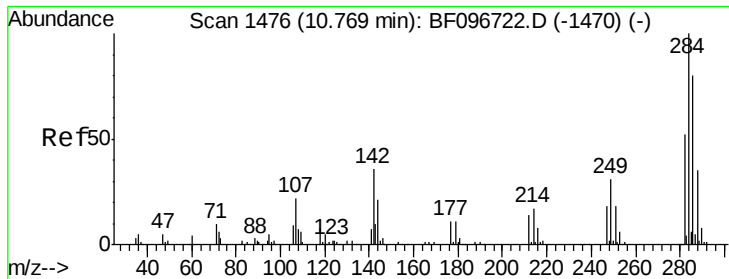
Tot Ion:169 Resp: 480221
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 37.7 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 39.14 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion:248 Resp: 139532
Ion Ratio Lower Upper
248 100
250 98.7 76.8 115.2
141 82.8 68.6 103.0

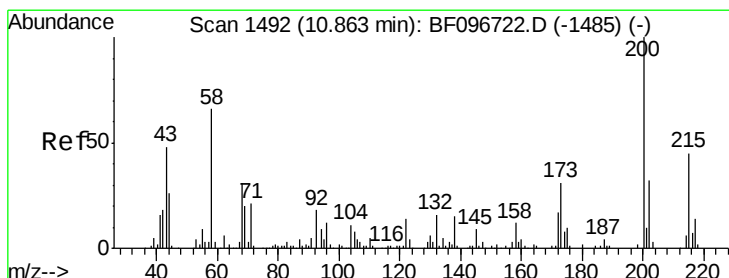
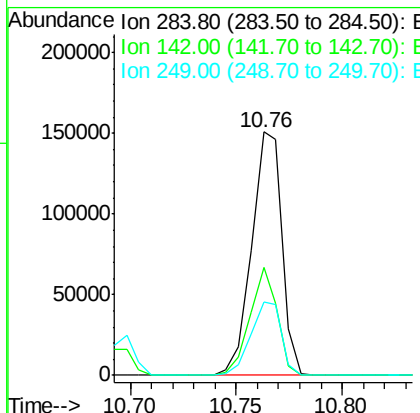
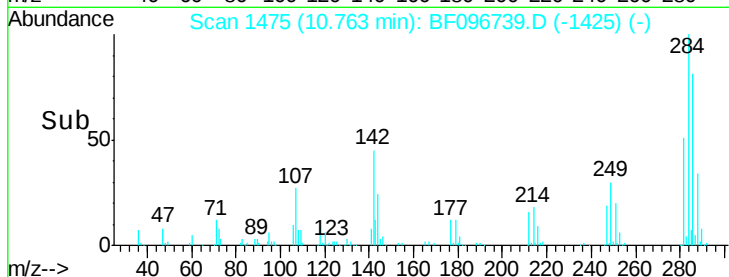
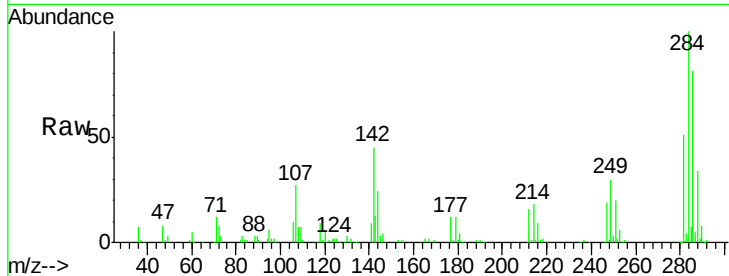




#67
Hexachlorobenzene
Concen: 37.89 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

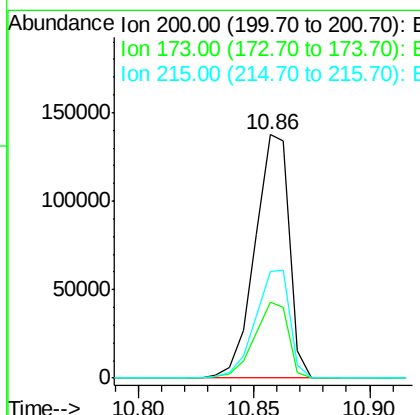
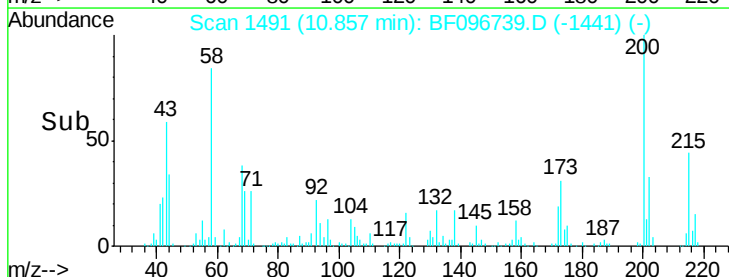
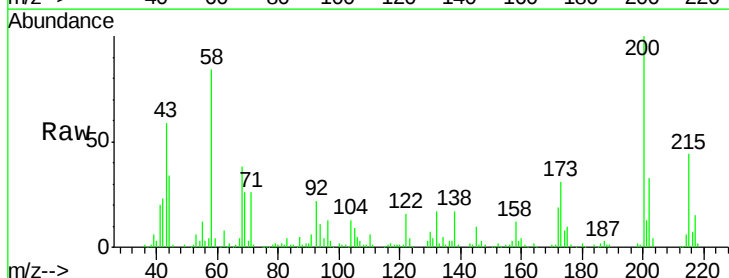
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

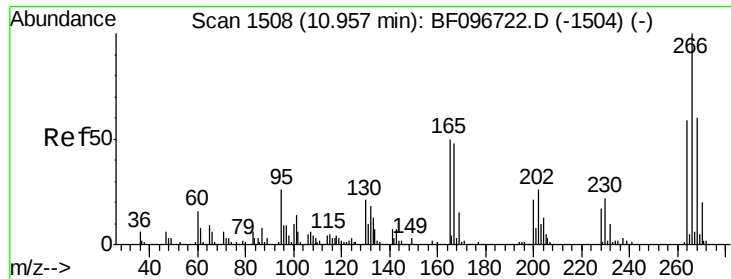
Tot Ion:284 Resp: 150434
Ion Ratio Lower Upper
284 100
142 44.6 22.8 34.2#
249 30.3 24.0 36.0



#68
Atrazine
Concen: 40.01 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion:200 Resp: 142262
Ion Ratio Lower Upper
200 100
173 31.3 6.3 46.3
215 44.0 27.2 67.2

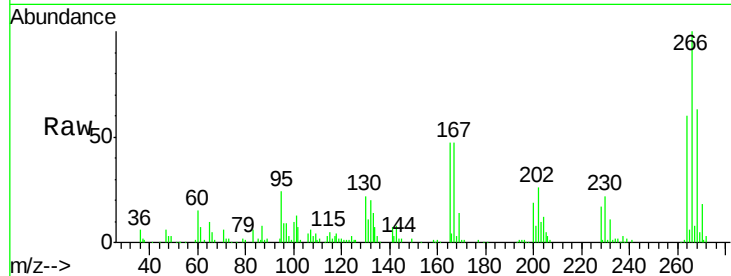




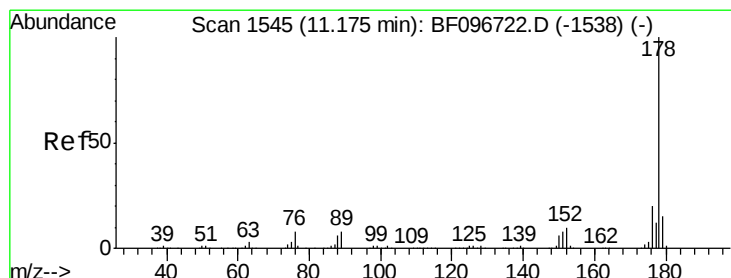
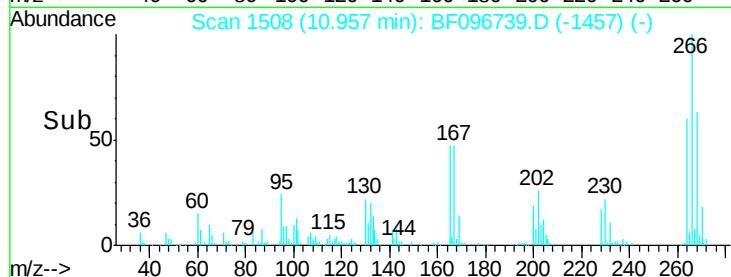
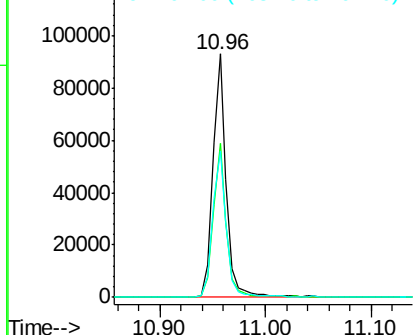
#69
 Pentachlorophenol
 Concen: 43.40 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 83253
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 60.3 51.7 77.5

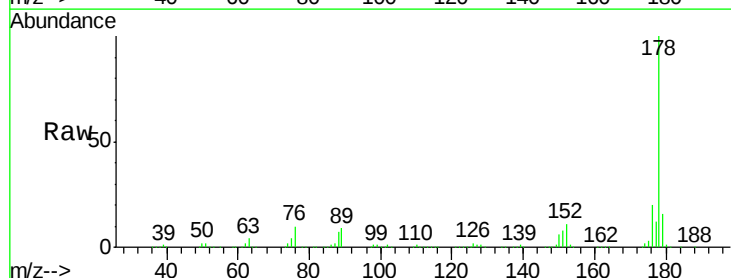


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

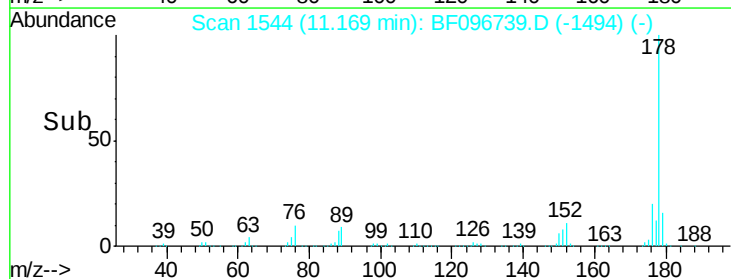
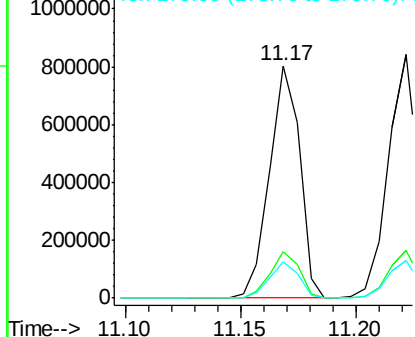


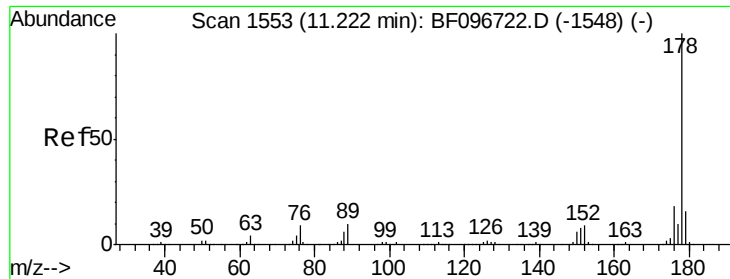
#70
 Phenanthrene
 Concen: 38.63 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Tgt Ion:178 Resp: 733493
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.5 12.6 19.0



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

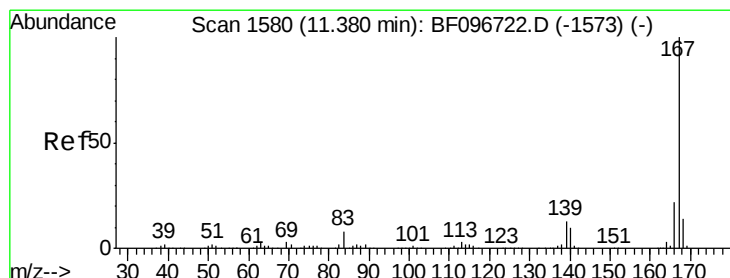
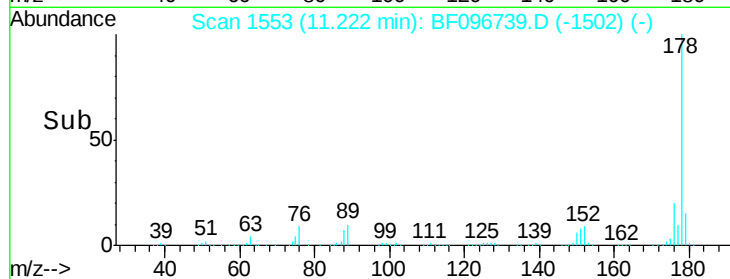
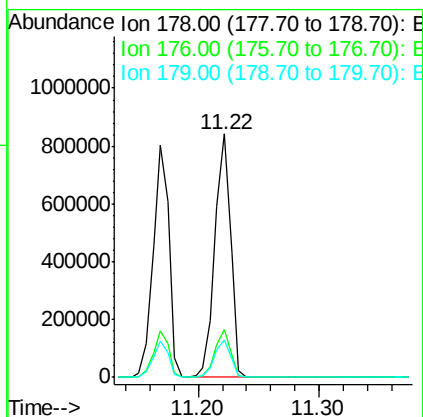
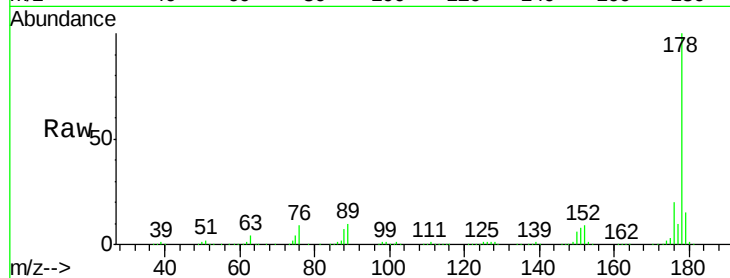




#71
 Anthracene
 Concen: 39.21 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

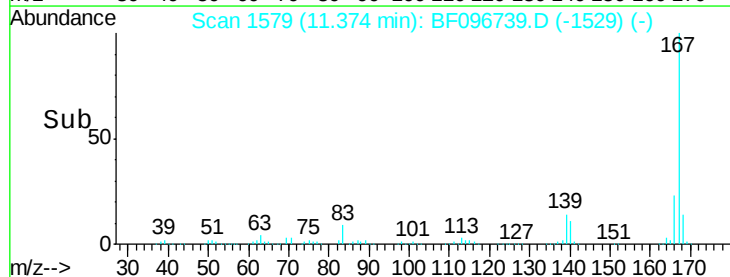
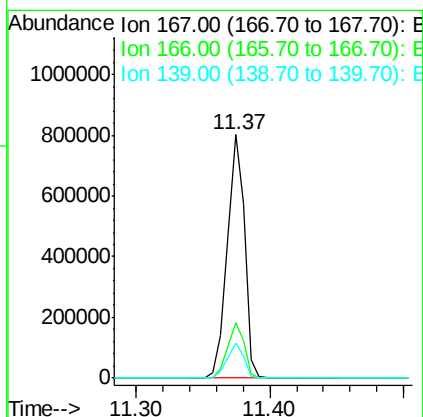
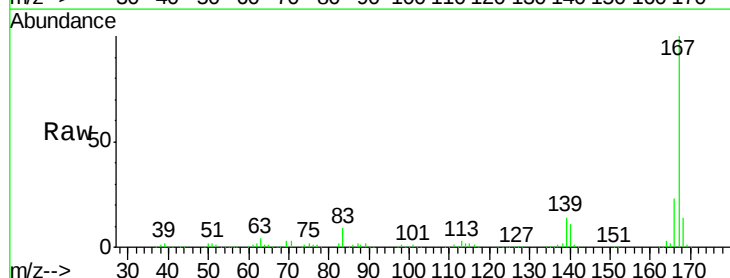
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

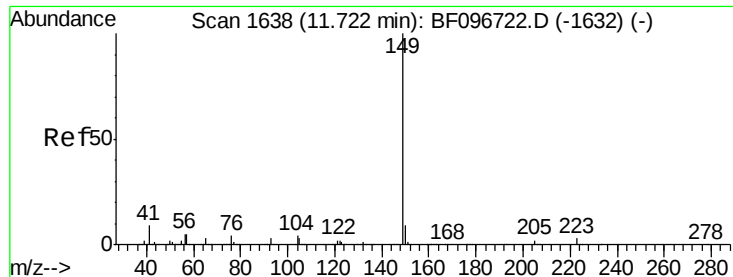
Tot Ion:178 Resp: 752642
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 39.71 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Tgt Ion:167 Resp: 738231
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 14.1 11.7 17.5

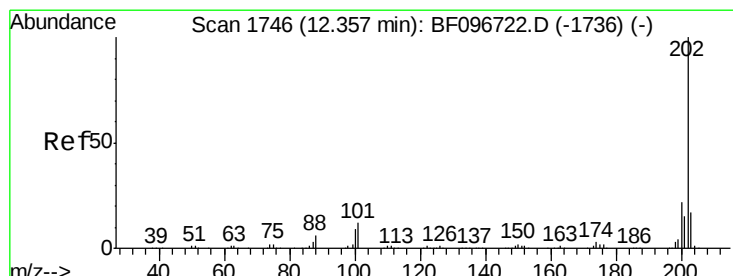
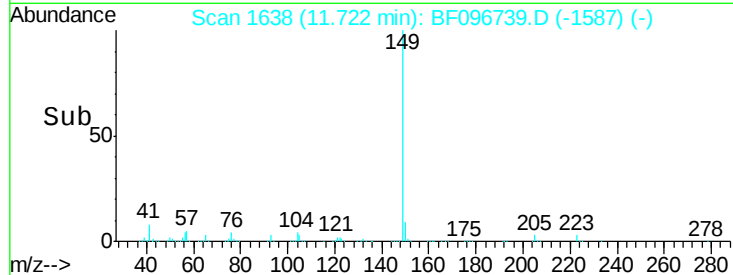
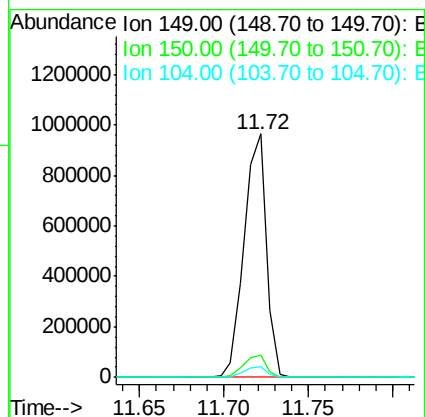
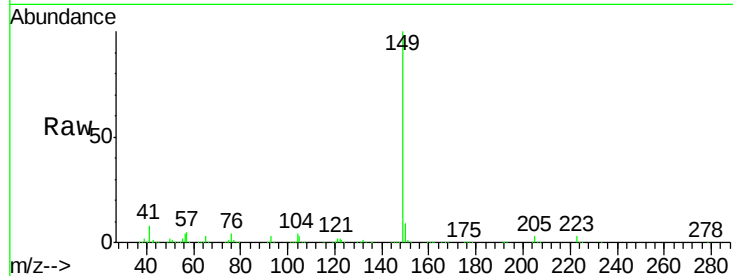




#73
Di-n-butylphthalate
Concen: 38.49 ng
RT: 11.72 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

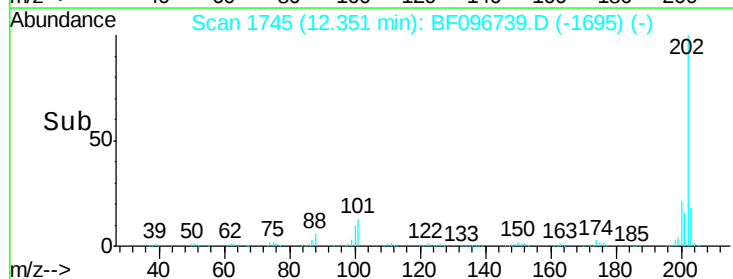
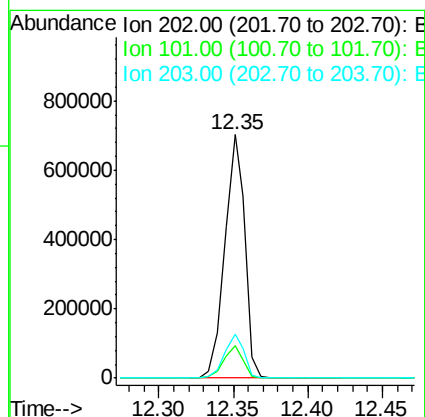
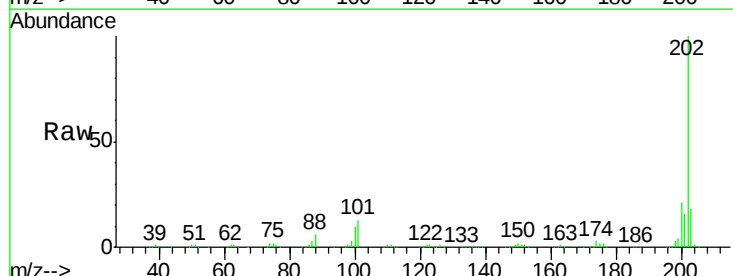
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

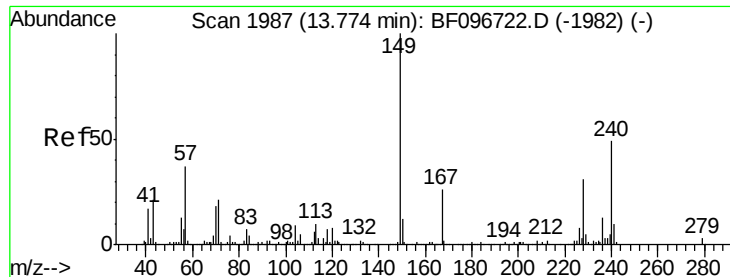
Tot Ion:149 Resp: 891145
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 36.63 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion:202 Resp: 665686
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.2
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

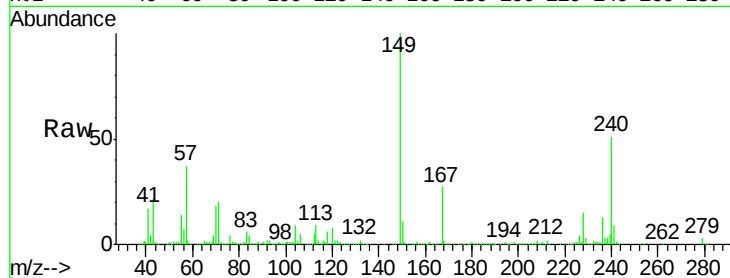
Tot Ion:240 Resp: 209337

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

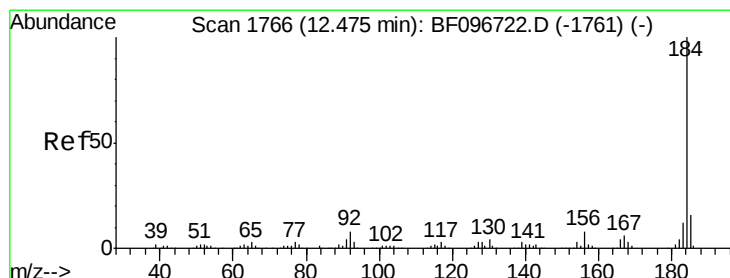
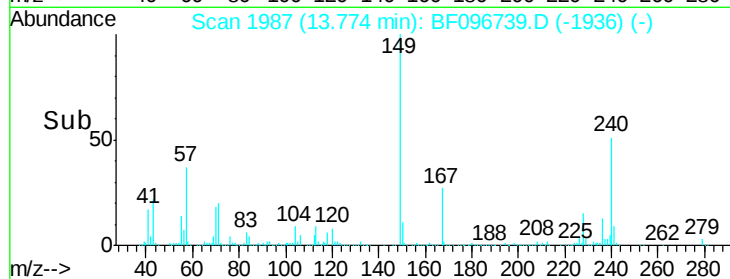
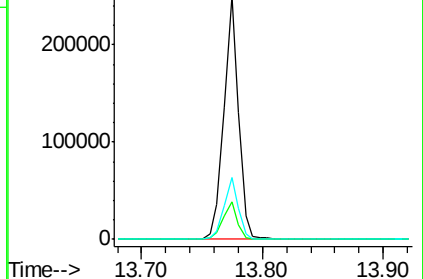
236 25.5 20.5 30.7



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: 44.10 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

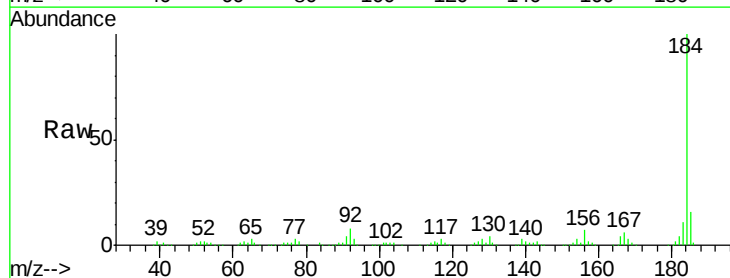
Tgt Ion:184 Resp: 302459

Ion Ratio Lower Upper

184 100

185 16.4 15.5 23.3

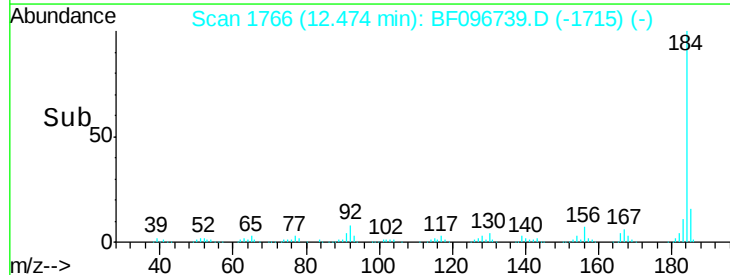
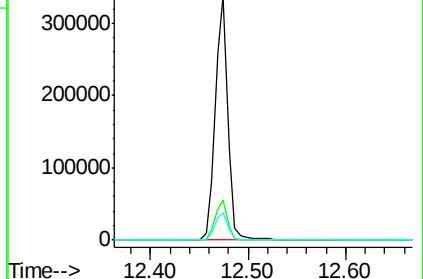
183 11.5 9.8 14.6

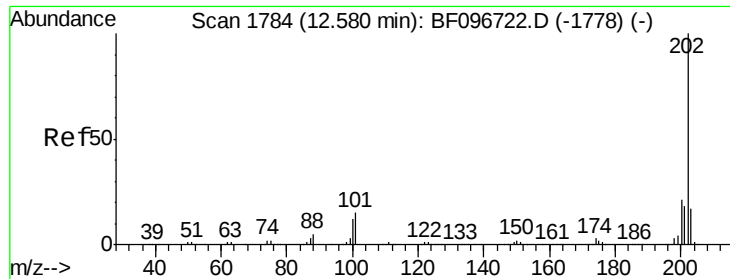


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

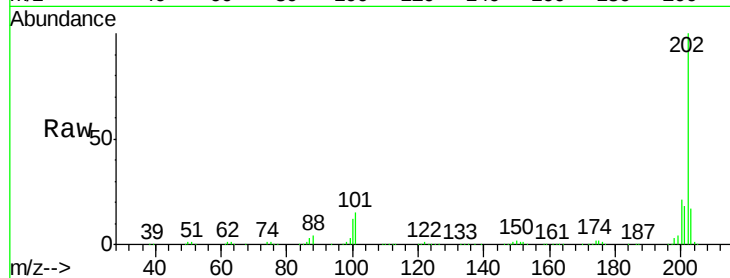




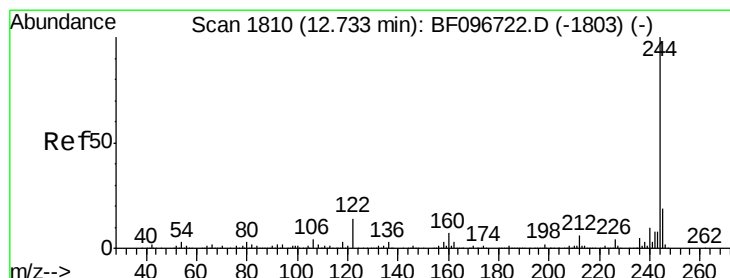
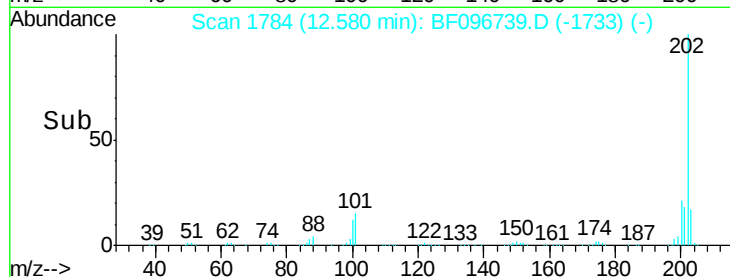
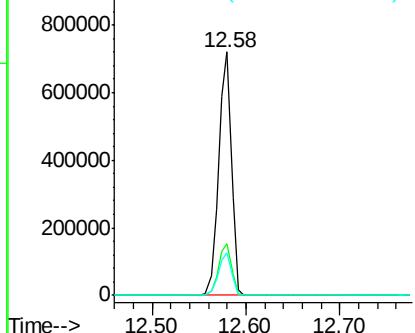
#77
Pvrene
Concen: 36.12 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.3	14.4	21.6

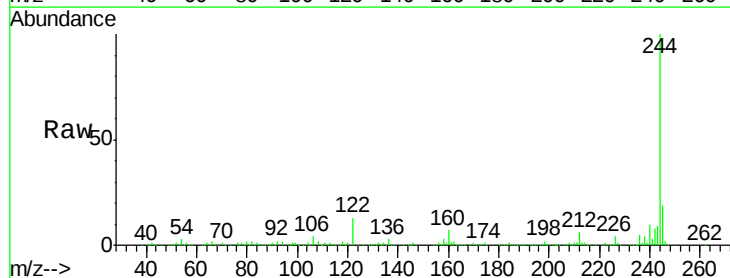


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

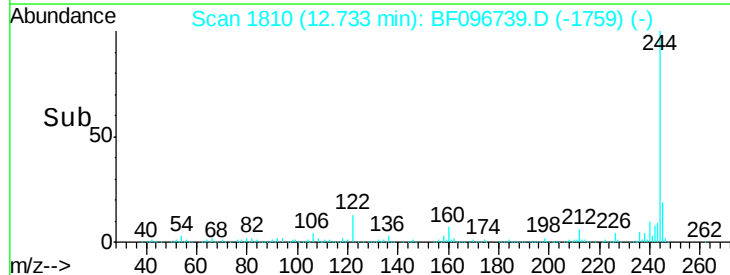
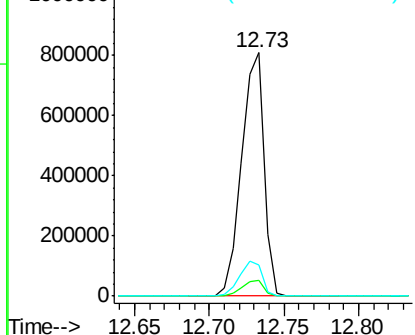


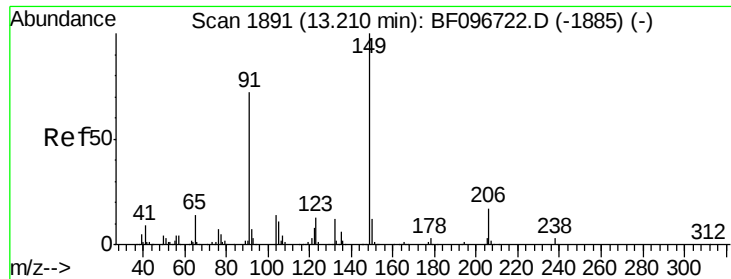
#78
Terphenyl-d14
Concen: 70.25 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	13.0	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

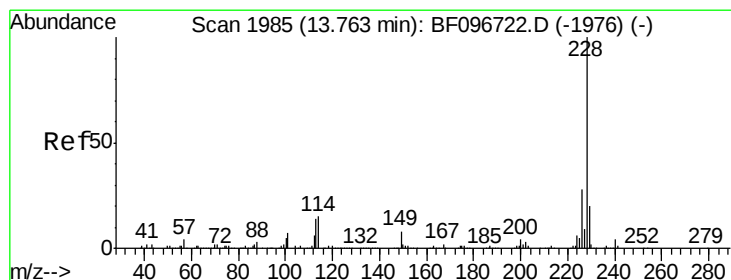
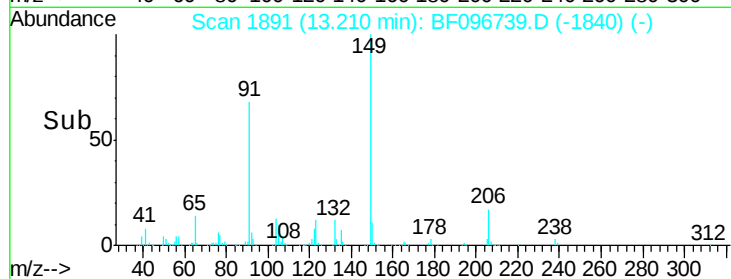
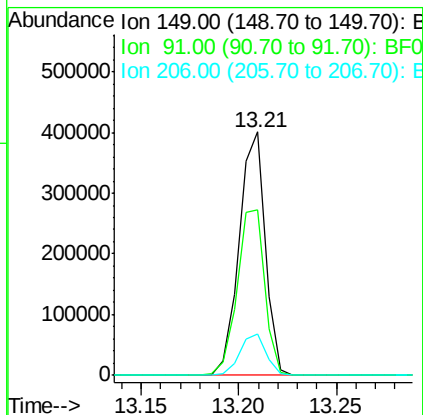
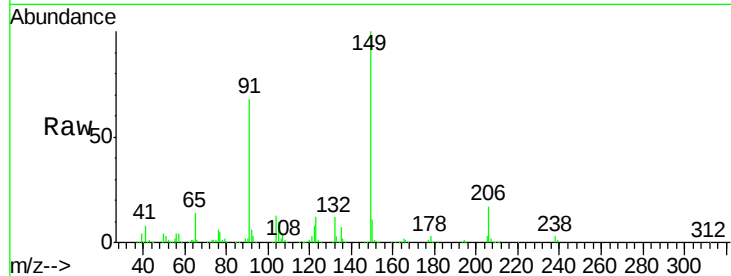




#79
Butylbenzylphthalate
Concen: 82.25 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

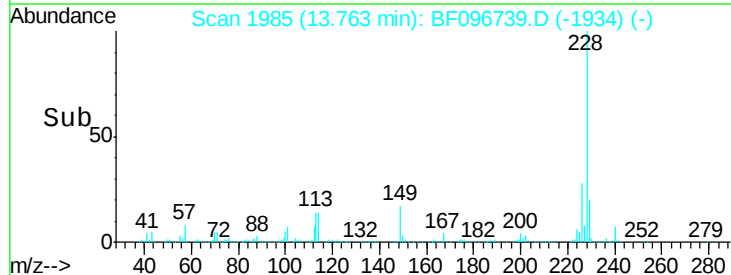
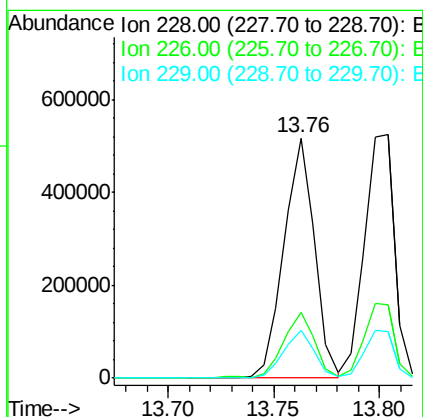
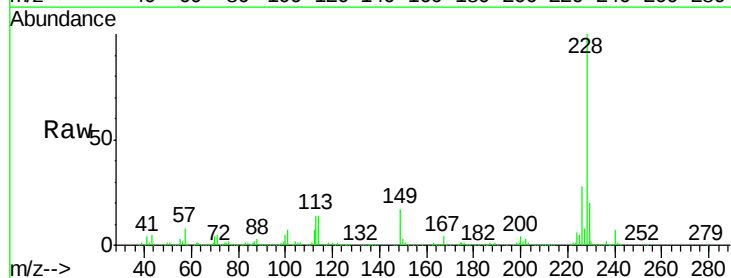
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

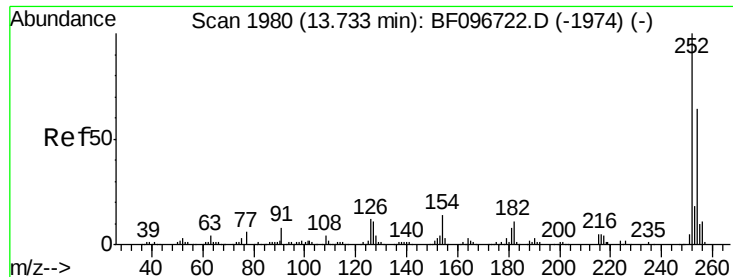
Tot Ion:149 Resp: 371229
Ion Ratio Lower Upper
149 100
91 68.2 45.0 67.4#
206 16.8 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 40.13 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion:228 Resp: 523445
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.7 16.3 24.5

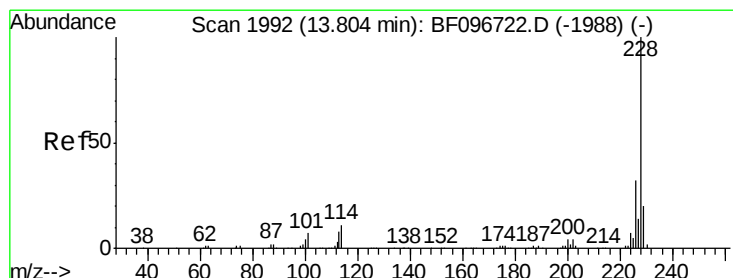
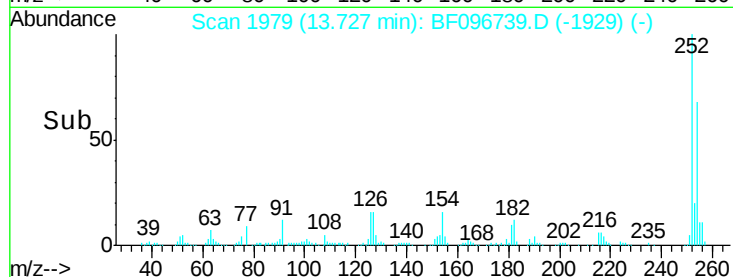
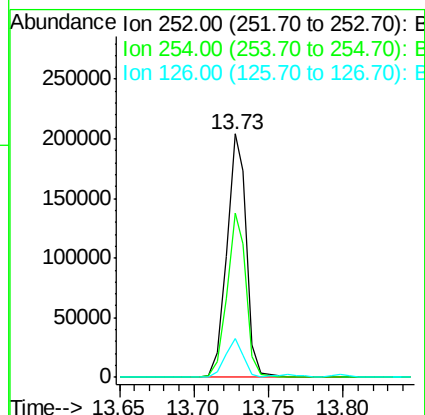
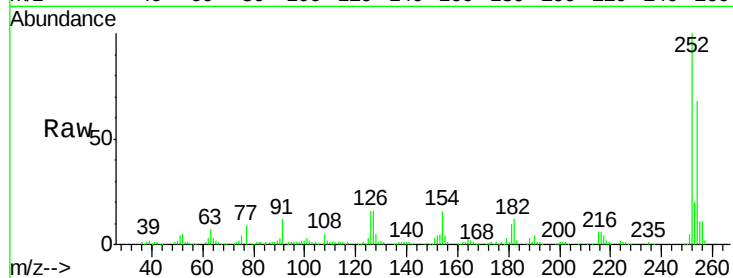




#81
 3,3'-Dichlorobenzidine
 Concen: 40.52 ng
 RT: 13.73 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

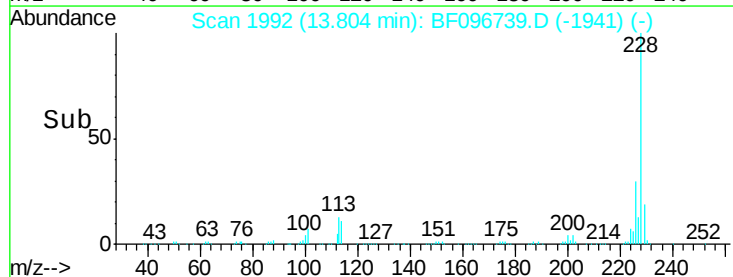
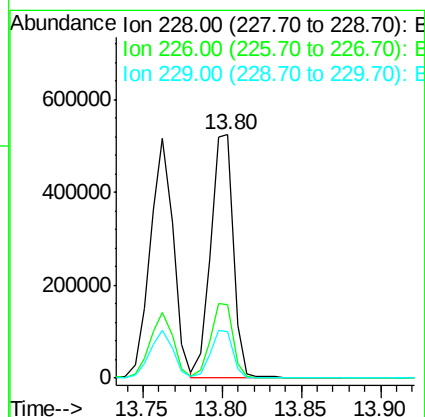
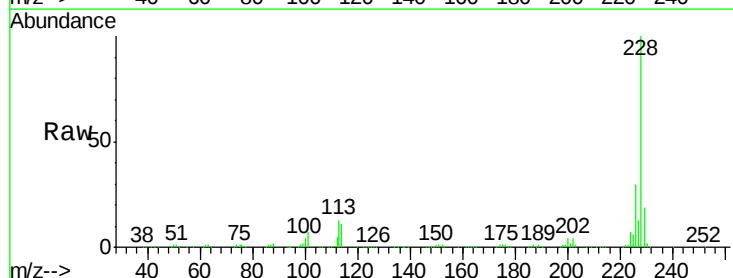
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

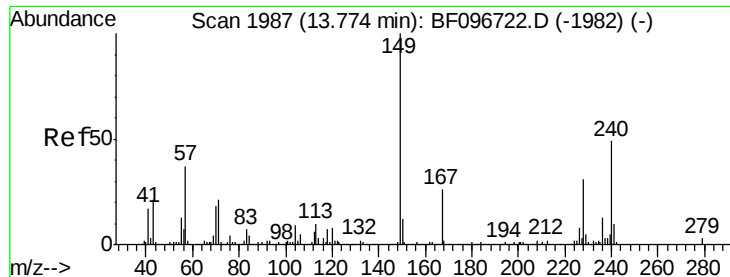
Tot Ion:252 Resp: 190072
 Ion Ratio Lower Upper
 252 100
 254 67.7 51.5 77.3
 126 15.9 15.8 23.8



#82
 Chrysene
 Concen: 40.83 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Tgt Ion:228 Resp: 524295
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 19.2 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.47 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

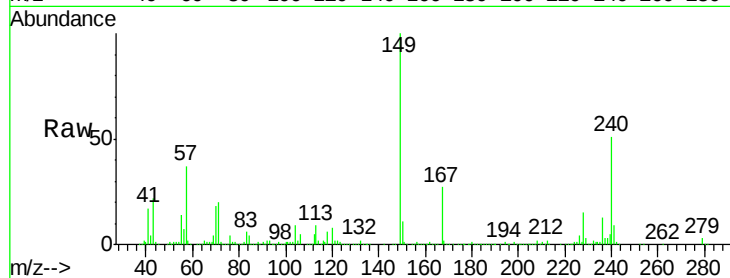
Tot Ion:149 Resp: 444867

Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

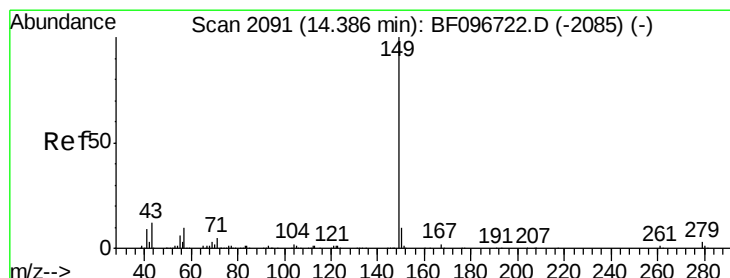
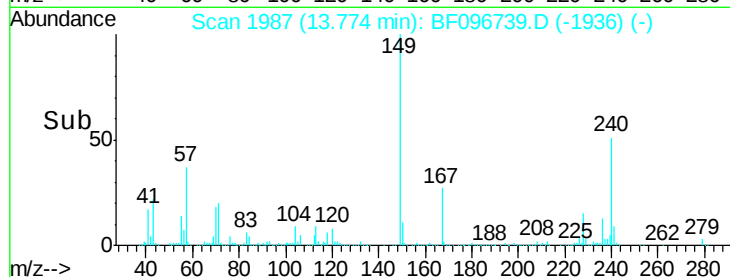
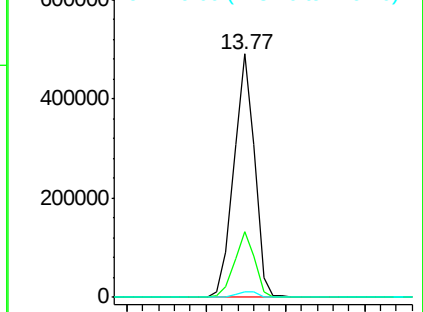
279 2.5 1.9 2.9



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: 42.49 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

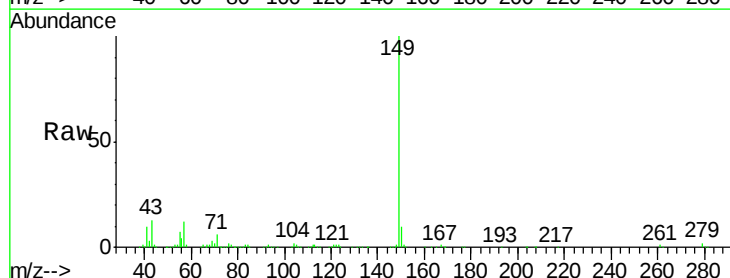
Tgt Ion:149 Resp: 772023

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

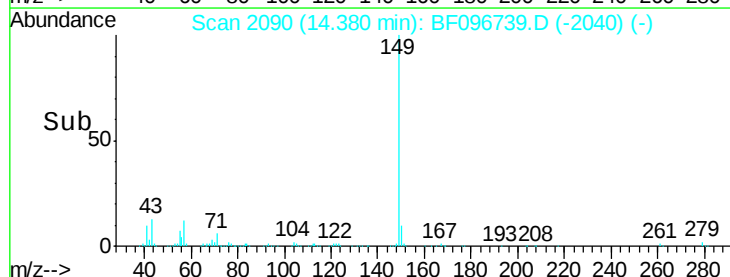
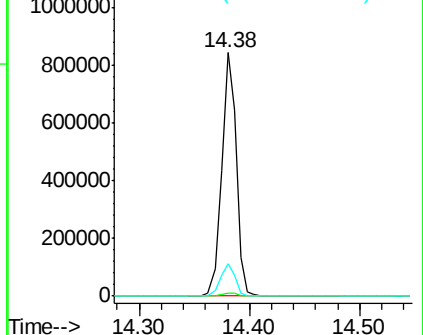
43 13.2 8.5 12.7#

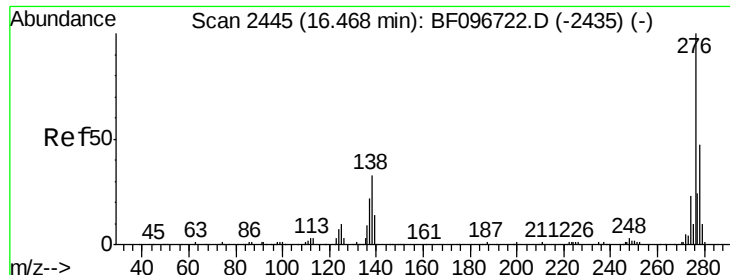


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

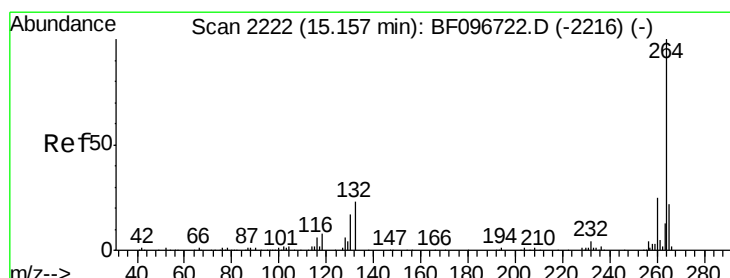
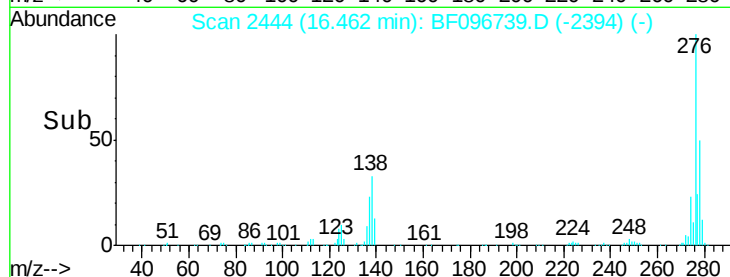
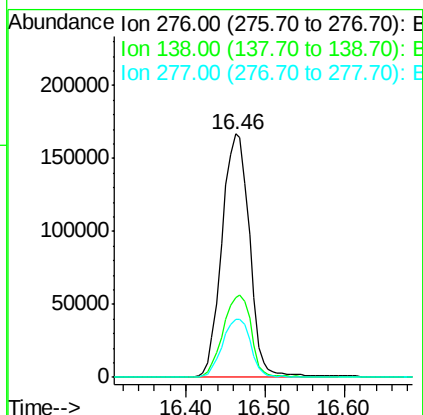
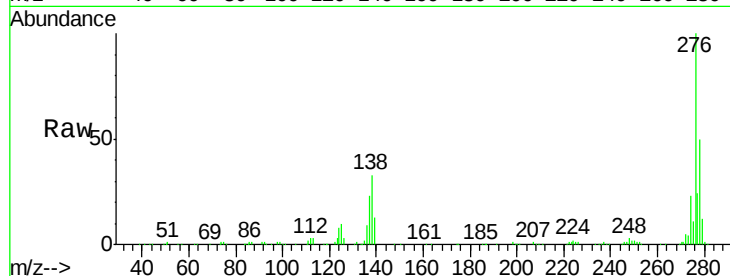




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.57 ng
RT: 16.46 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

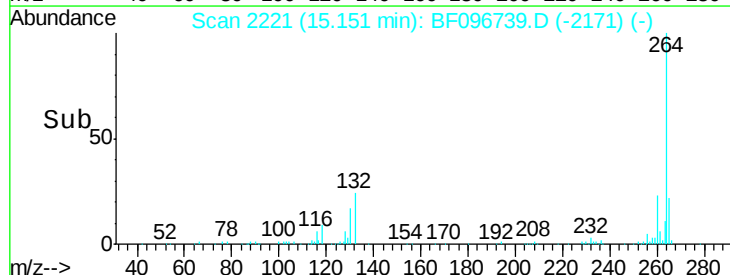
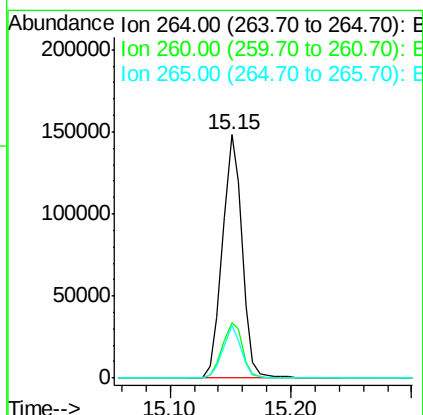
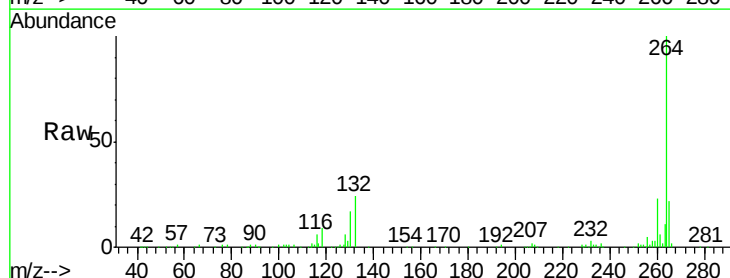
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

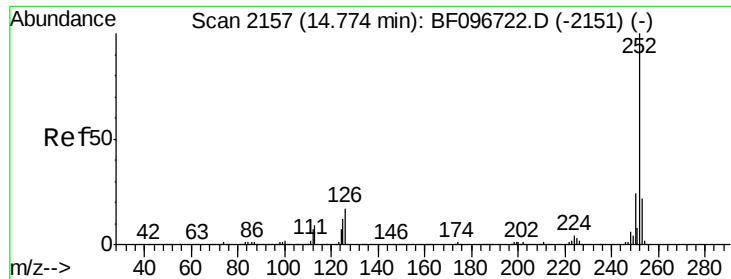
Tot Ion:276 Resp: 404363
Ion Ratio Lower Upper
276 100
138 34.6 27.8 41.6
277 24.5 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion:264 Resp: 167186
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 41.76 ng

RT: 14.77 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

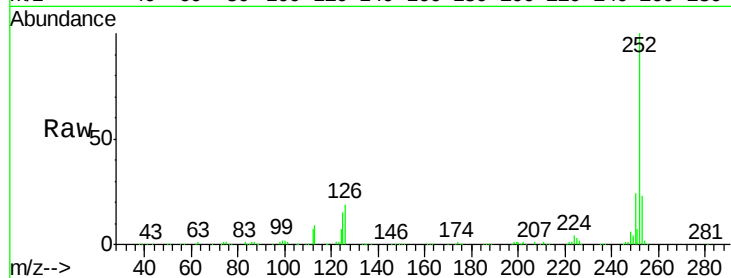
Tot Ion:252 Resp: 421046

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

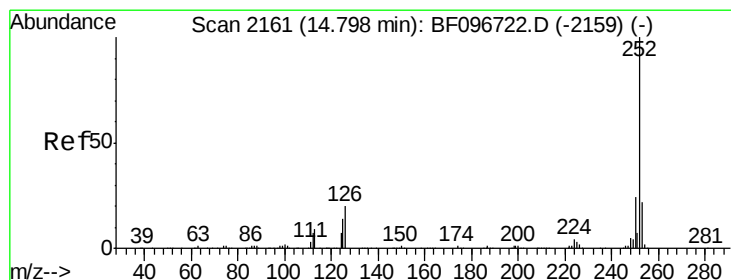
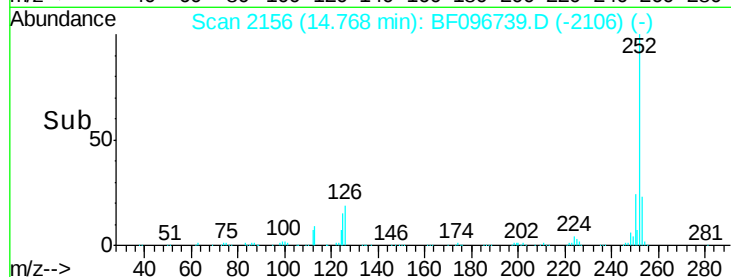
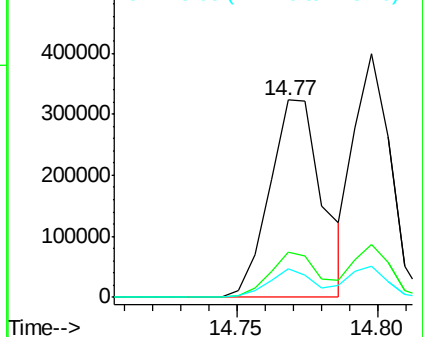
125 14.7 9.8 14.8



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: 44.10 ng

RT: 14.77 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BF096739.D

Acq: 13 Jul 2017 20:38

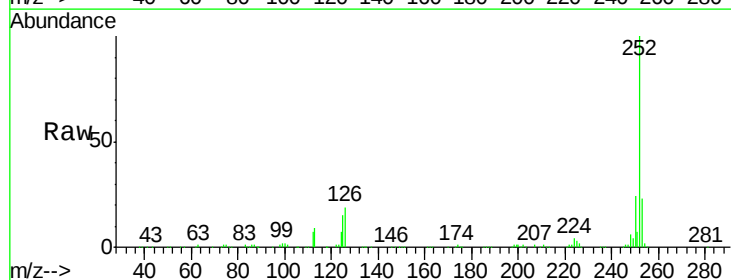
Tgt Ion:252 Resp: 421046

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

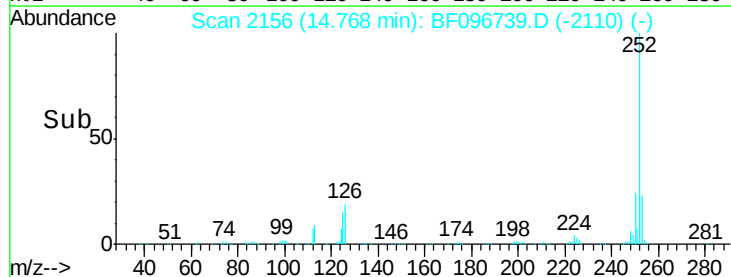
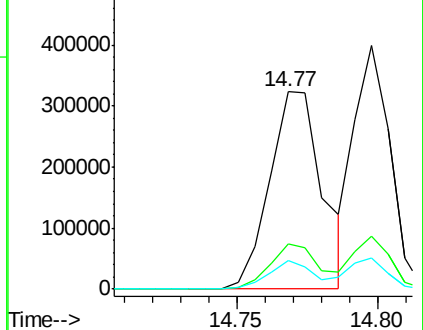
125 14.7 13.1 19.7

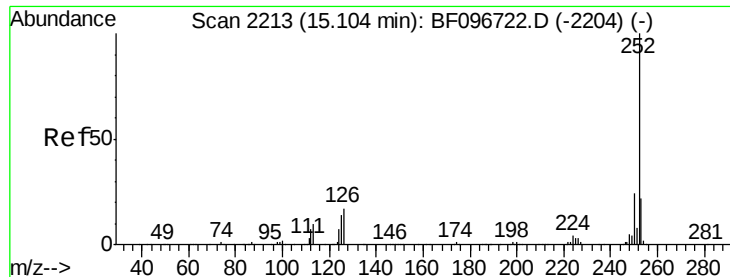


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

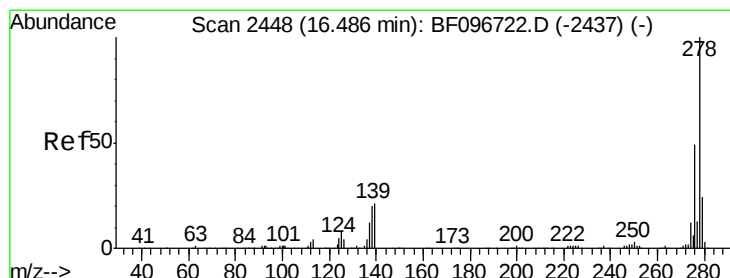
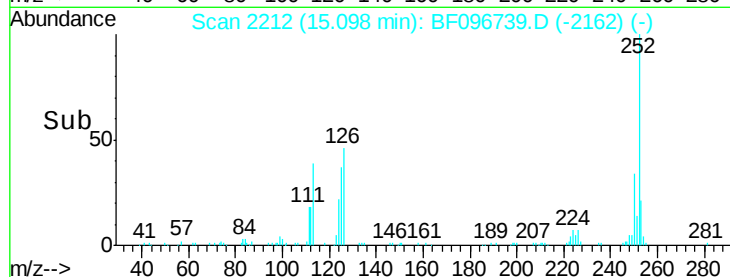
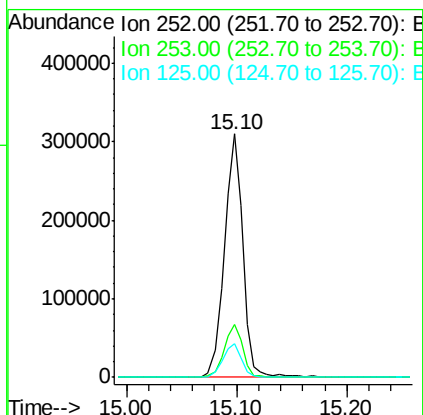
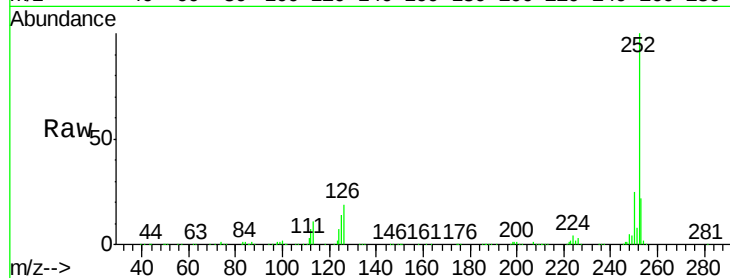




#89
Benzo(a)pyrene
Concen: 39.24 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

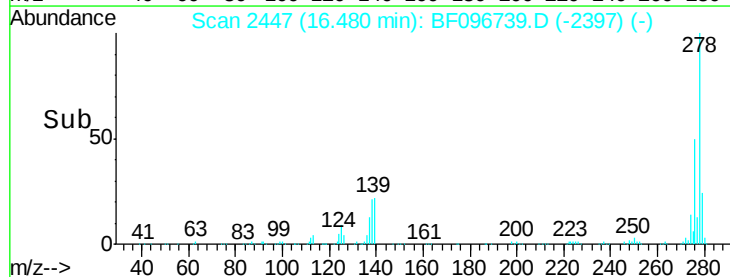
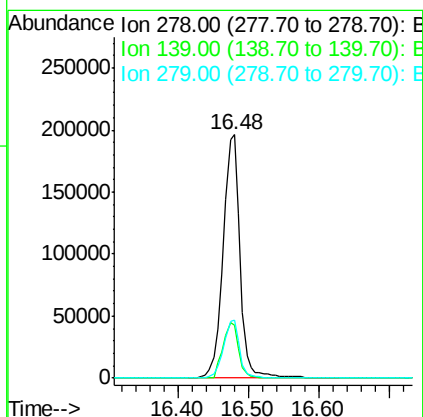
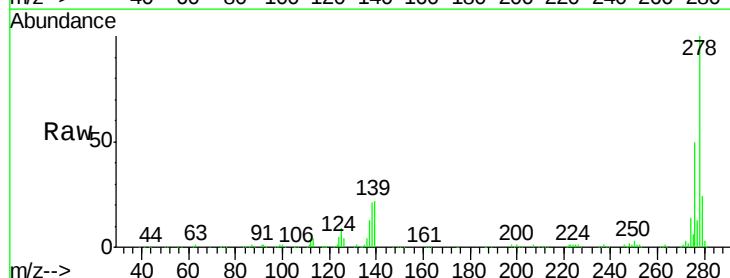
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

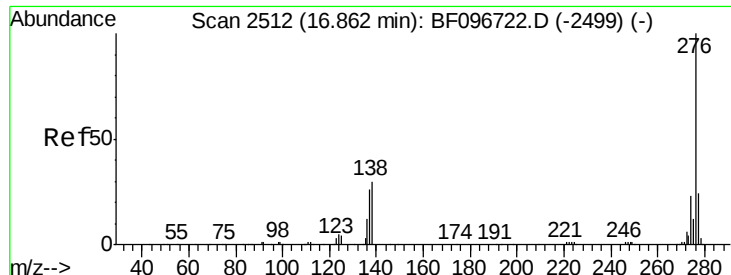
Tot Ion:252 Resp: 362891
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 13.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.46 ng
RT: 16.48 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BF096739.D
Acq: 13 Jul 2017 20:38

Tgt Ion:278 Resp: 327262
Ion Ratio Lower Upper
278 100
139 21.9 16.6 24.8
279 24.0 19.3 28.9

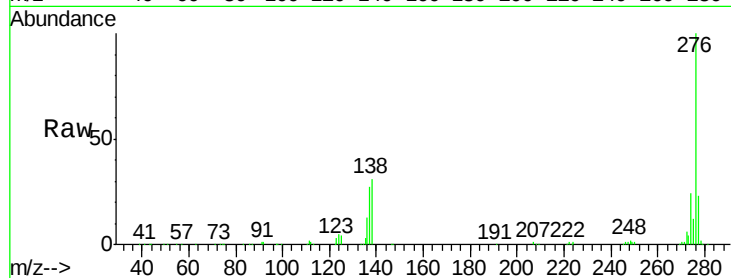




#91
 Benzo(a,h,i)perylene
 Concen: 38.94 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BF096739.D
 Acq: 13 Jul 2017 20:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	30.6	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

