

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097517.D
 Acq On : 9 Aug 2017 15:59
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 09 17:45:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	70816	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	326041	20.00	ng	-0.02
38) Acenaphthene-d10	9.43	164	145992	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	219082	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	127746	20.00	ng	-0.02
86) Perylene-d12	14.86	264	126984	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.99	112	453793	96.60	ng	-0.02
7) Phenol-d6	6.07	99	493505	92.02	ng	-0.01
23) Nitrobenzene-d5	6.97	82	403702	72.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	87895	76.20	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	703683	81.80	ng	-0.01
78) Terphenyl-d14	12.48	244	590604	94.26	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.85	88	69720	35.565	ng	# 73
3) Pyridine	2.45	79	259691	43.261	ng	# 63
4) n-Nitrosodimethylamine	2.40	42	142906	42.972	ng	79
6) Aniline	6.06	93	321670	47.665	ng	97
8) 2-Chlorophenol	6.19	128	223523	44.499	ng	96
9) Benzaldehyde	5.95	77	153626	48.396	ng	99
10) Phenol	6.09	94	297701	46.800	ng	97
11) bis(2-Chloroethyl)ether	6.15	93	217580	43.247	ng	90
12) 1,3-Dichlorobenzene	6.33	146	228169	42.151	ng	98
13) 1,4-Dichlorobenzene	6.42	146	229034	42.694	ng	96
14) 1,2-Dichlorobenzene	6.57	146	204955	43.756	ng	97
15) Benzyl Alcohol	6.57	79	162674	47.910	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.69	45	414154	41.042	ng	56
17) 2-Methylphenol	6.69	107	165227	42.620	ng	# 86
18) Hexachloroethane	6.90	117	79864	40.693	ng	# 84
19) n-Nitroso-di-n-propylamine	6.83	70	147341	41.739	ng	# 80
20) 3+4-Methylphenols	6.85	107	221953	43.836	ng	# 59
22) Acetophenone	6.82	105	284094	36.284	ng	# 98
24) Nitrobenzene	6.99	77	222411	38.424	ng	96
25) Isophorone	7.24	82	387916	35.640	ng	96
26) 2-Nitrophenol	7.31	139	117997	37.680	ng	# 84
27) 2,4-Dimethylphenol	7.37	122	188591	36.507	ng	95
28) bis(2-Chloroethoxy)methane	7.45	93	293017	41.254	ng	99
29) 2,4-Dichlorophenol	7.57	162	198387	44.579	ng	96
30) 1,2,4-Trichlorobenzene	7.63	180	169488	39.956	ng	96
31) Naphthalene	7.70	128	636345	41.404	ng	99
32) Benzoic acid	7.55	122	146087	37.872	ng	97
33) 4-Chloroaniline	7.77	127	249338	39.871	ng	99
34) Hexachlorobutadiene	7.83	225	86106	38.290	ng	97
35) Caprolactam	8.15	113	24885	17.439	ng	# 52
36) 4-Chloro-3-methylphenol	8.28	107	189584	39.048	ng	89
37) 2-Methylnaphthalene	8.40	142	373445	38.377	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	164833	42.314	ng	99
40) Hexachlorocyclopentadiene	8.55	237	39188	32.990	ng	94

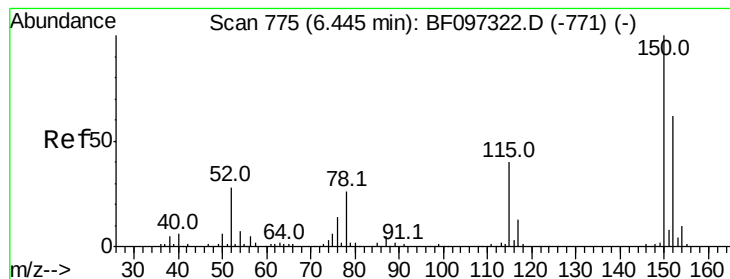
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.69	196	110195	39.036	ng	95
43) 2,4,5-Trichlorophenol	8.75	196	110947	39.266	ng	98
45) 1,1'-Biphenyl	8.86	154	522563	41.906	ng	98
46) 2-Chloronaphthalene	8.88	162	378962	41.298	ng	# 92
47) 2-Nitroaniline	8.99	65	147713	44.355	ng	98
48) Acenaphthylene	9.29	152	581206	41.264	ng	100
49) Dimethylphthalate	9.17	163	442689	39.931	ng	99
50) 2,6-Dinitrotoluene	9.24	165	97323	41.390	ng	# 84
51) Acenaphthene	9.46	154	342737	41.311	ng	99
52) 3-Nitroaniline	9.40	138	120899	41.424	ng	96
53) 2,4-Dinitrophenol	9.53	184	50788	47.505	ng	# 72
54) Dibenzofuran	9.63	168	478685	43.317	ng	96
55) 4-Nitrophenol	9.63	139	303652	174.951	ng	# 35
56) 2,4-Dinitrotoluene	9.65	165	127706	47.245	ng	# 67
57) Fluorene	9.97	166	348744	41.988	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.77	232	73421	37.634	ng	# 97
59) Diethylphthalate	9.87	149	403497	39.671	ng	99
60) 4-Chlorophenyl-phenylether	9.97	204	142302	41.490	ng	98
61) 4-Nitroaniline	10.02	138	98932	35.674	ng	92
62) Azobenzene	10.13	77	363675	38.543	ng	92
64) 4,6-Dinitro-2-methylphenol	10.06	198	56247	41.317	ng	89
65) n-Nitrosodiphenylamine	10.09	169	319391	41.900	ng	98
66) 4-Bromophenyl-phenylether	10.45	248	95663	43.754	ng	94
67) Hexachlorobenzene	10.52	284	109946	44.843	ng	# 85
68) Atrazine	10.63	200	88736	40.596	ng	94
69) Pentachlorophenol	10.73	266	62134	61.249	ng	99
70) Phenanthrene	10.93	178	482369	41.093	ng	99
71) Anthracene	10.97	178	496439	41.292	ng	98
72) Carbazole	11.14	167	509718	43.108	ng	99
73) Di-n-butylphthalate	11.48	149	589638	40.342	ng	99
74) Fluoranthene	12.10	202	490713	42.672	ng	98
76) Benzidine	12.24	184	131172	27.673	ng	# 93
77) Pyrene	12.33	202	493559	47.194	ng	99
79) Butylbenzylphthalate	12.96	149	220371	41.425	ng	# 84
80) Benzo(a)anthracene	13.52	228	321162	38.855	ng	99
81) 3,3'-Dichlorobenzidine	13.48	252	117114	37.572	ng	# 98
82) Chrysene	13.55	228	314916	39.017	ng	98
83) Bis(2-ethylhexyl)phthalate	13.53	149	249081	35.861	ng	98
84) Di-n-octyl phthalate	14.13	149	396602	31.115	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.05	276	328616	47.482	ng	99
87) Benzo(b)fluoranthene	14.52	252	290048	37.998	ng	99
88) Benzo(k)fluoranthene	14.54	252	271972	37.390	ng	97
89) Benzo(a)pyrene	14.82	252	266925	38.208	ng	99
90) Dibenzo(a,h)anthracene	16.05	278	264691	46.202	ng	98
91) Benzo(g,h,i)perylene	16.40	276	293666	48.881	ng	98

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

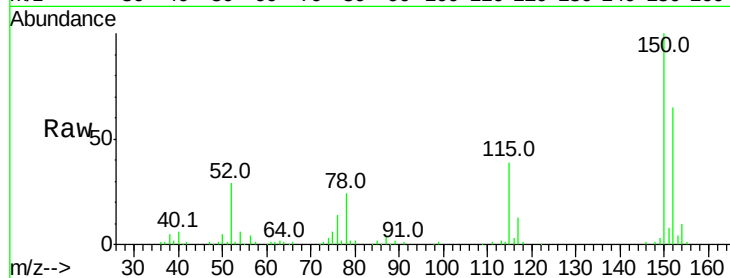


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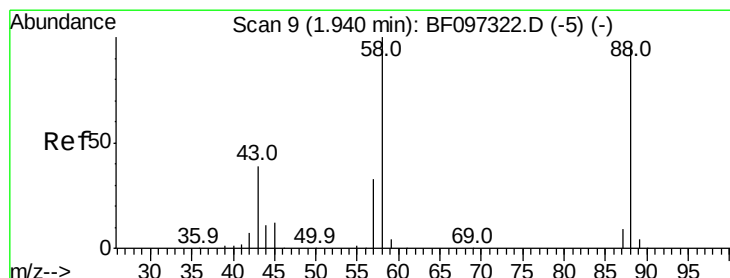
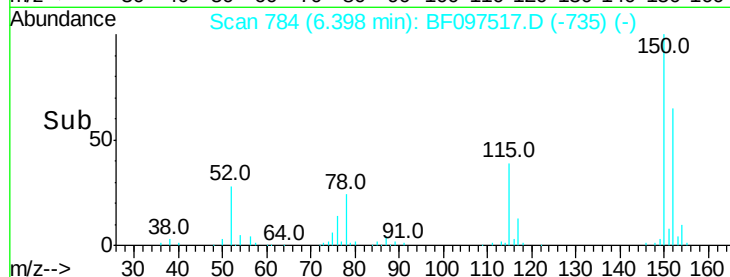
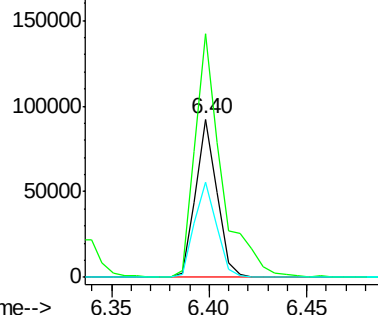
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 70816
 Ion Ratio Lower Upper
 152 100
 150 153.9 126.2 189.2
 115 60.2 52.2 78.2



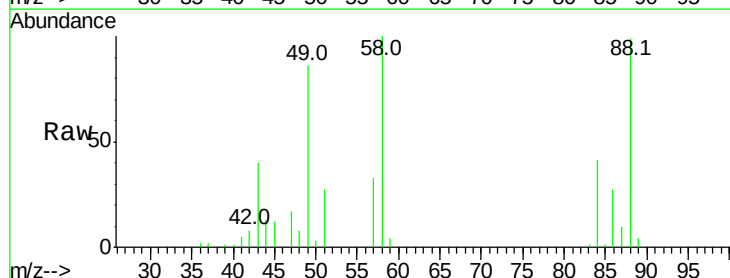
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



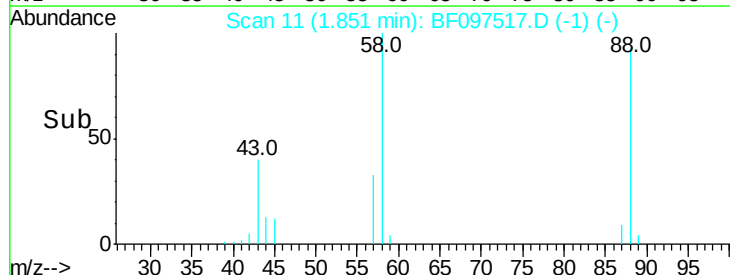
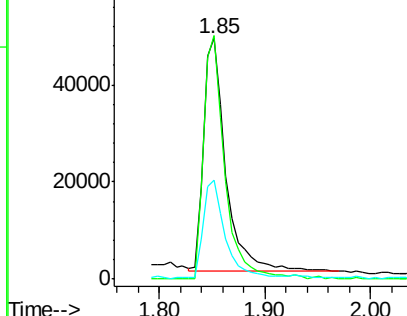
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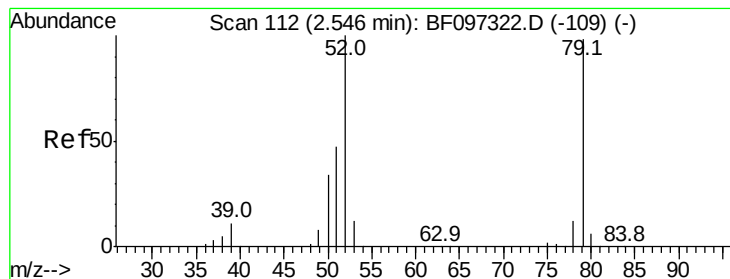
1,4-Dioxane
 Concen: 35.565 ng
 RT: 1.85 min Scan# 11
 Delta R.T. -0.05 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion: 88 Resp: 69720
 Ion Ratio Lower Upper
 88 100
 58 100.1 61.4 92.0#
 43 43.4 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: 43.261 ng

RT: 2.45 min Scan# 112

Delta R.T. -0.05 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

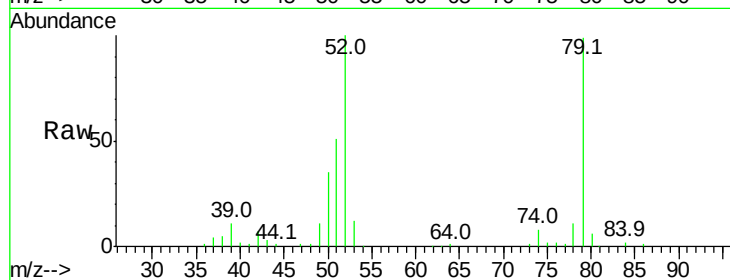
Tot Ion: 79 Resp: 259691

Ion Ratio Lower Upper

79 100

52 100.6 54.8 82.2#

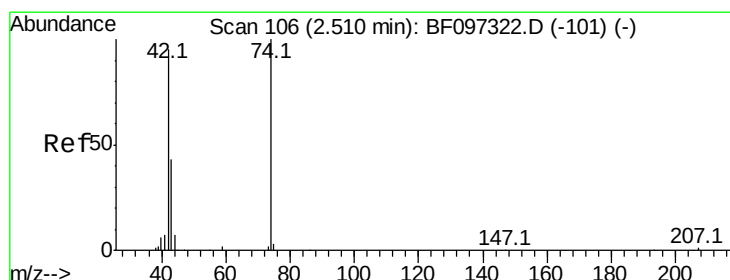
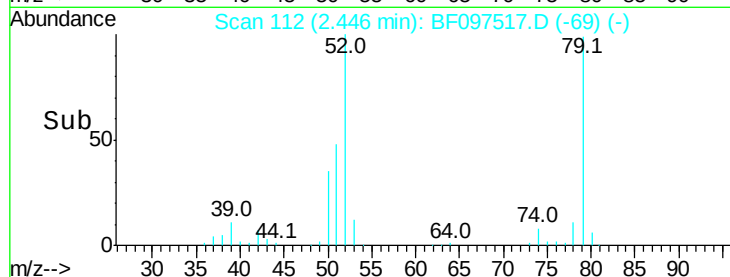
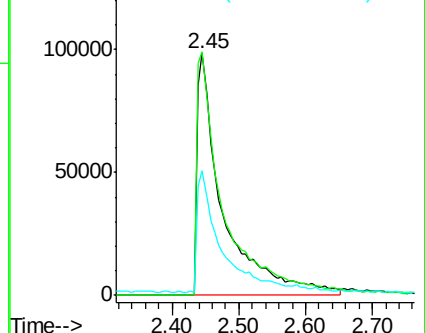
51 51.2 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.972 ng

RT: 2.40 min Scan# 105

Delta R.T. -0.06 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

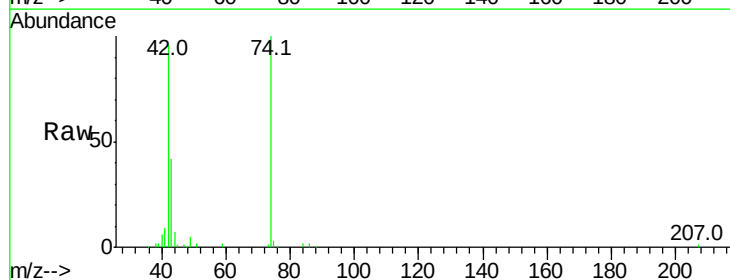
Tgt Ion: 42 Resp: 142906

Ion Ratio Lower Upper

42 100

74 104.1 103.9 155.9

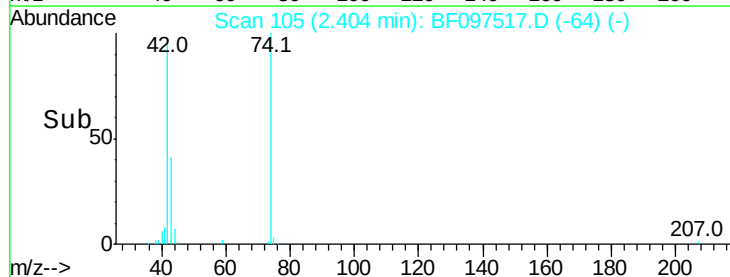
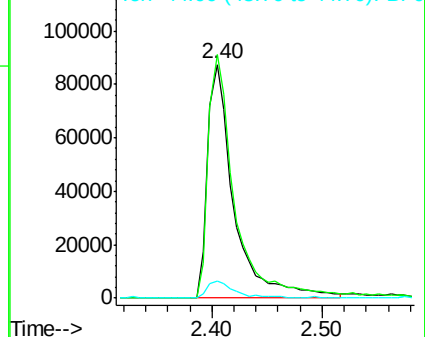
44 7.3 5.7 8.5

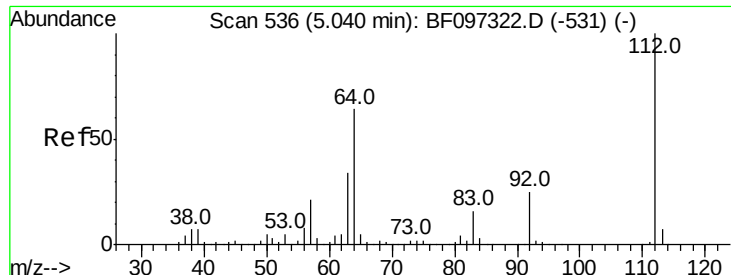


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 96.601 ng

RT: 4.99 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

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ClientSampleId :

SSTDCCC040

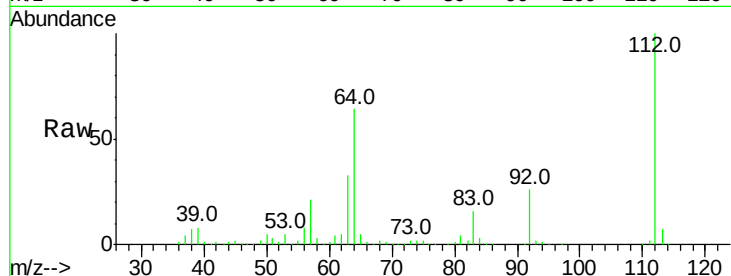
Tot Ion:112 Resp: 453793

Ion Ratio Lower Upper

112 100

64 64.1 46.0 69.0

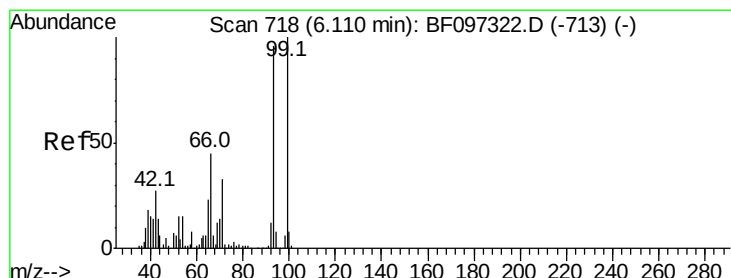
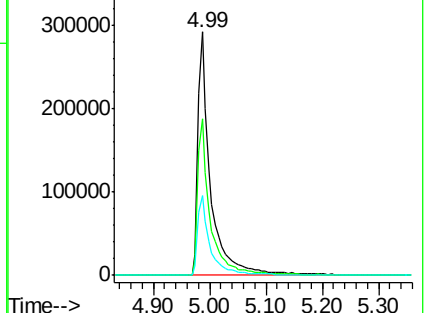
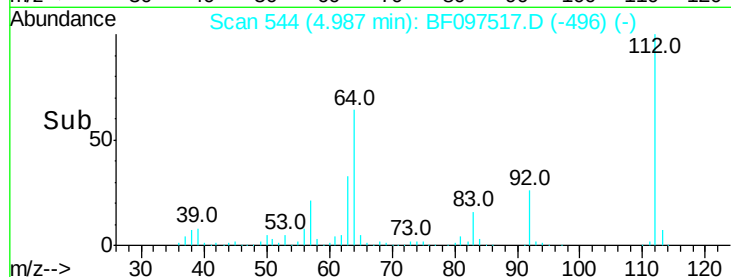
63 33.0 23.4 35.0



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: 47.665 ng

RT: 6.06 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

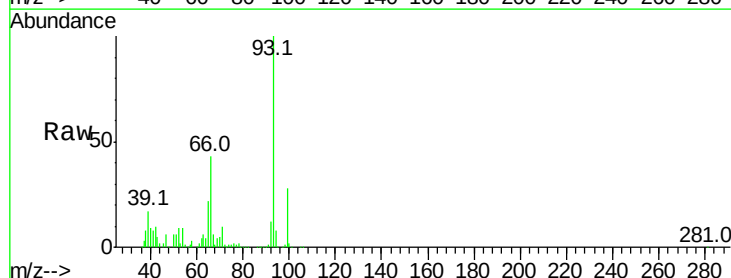
Tgt Ion: 93 Resp: 321670

Ion Ratio Lower Upper

93 100

66 42.8 32.9 49.3

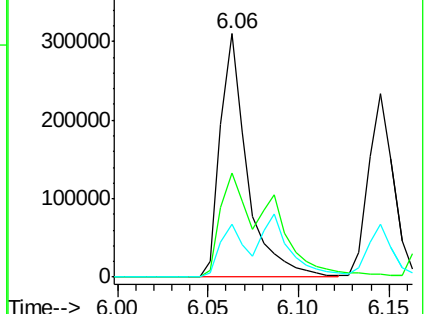
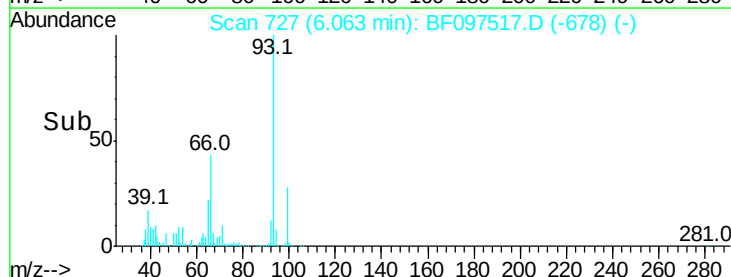
65 21.9 16.0 24.0

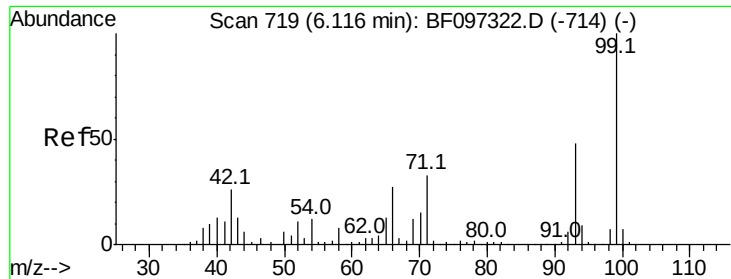


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 92.022 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

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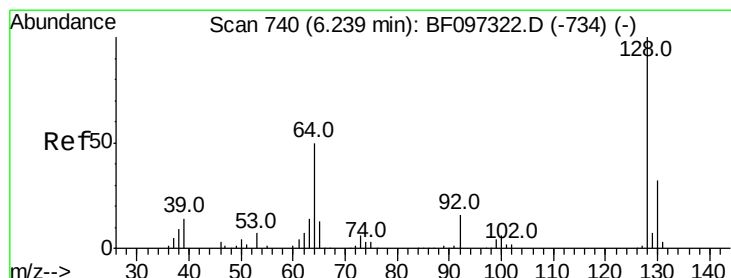
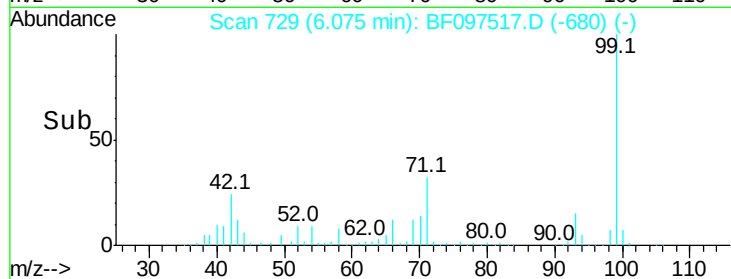
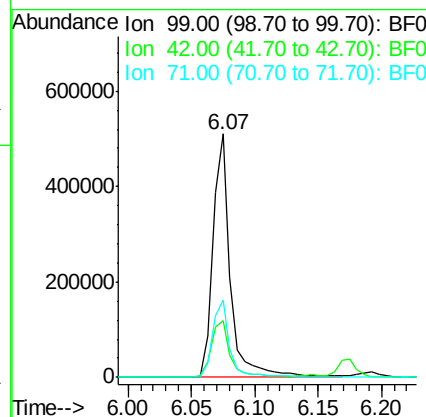
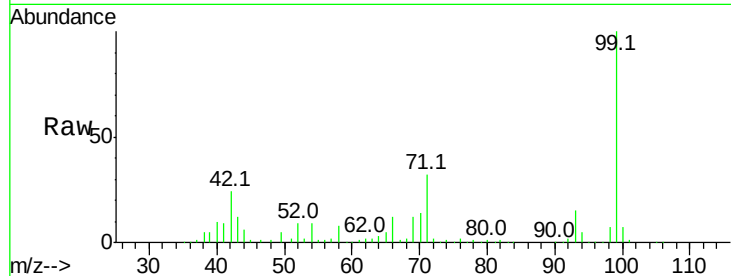
Tot Ion: 99 Resp: 493505

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

71 31.5 24.5 36.7



#8

2-Chlorophenol

Concen: 44.499 ng

RT: 6.19 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

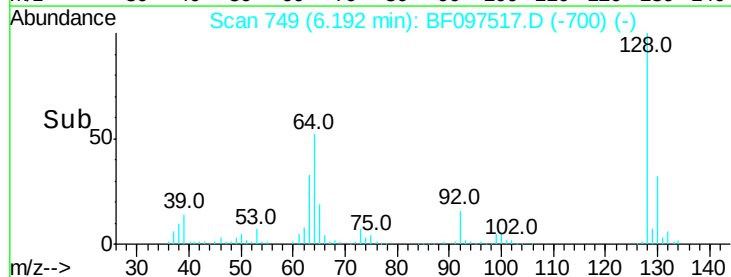
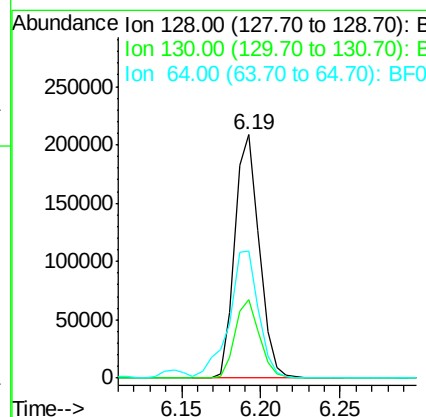
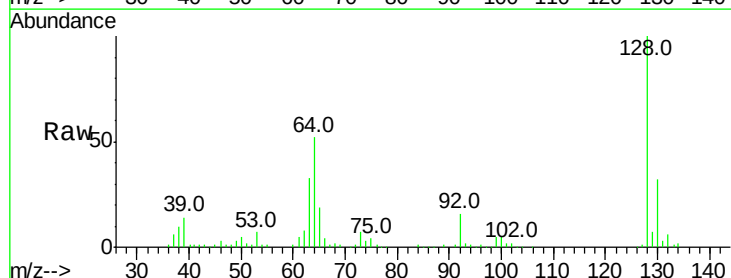
Tgt Ion: 128 Resp: 223523

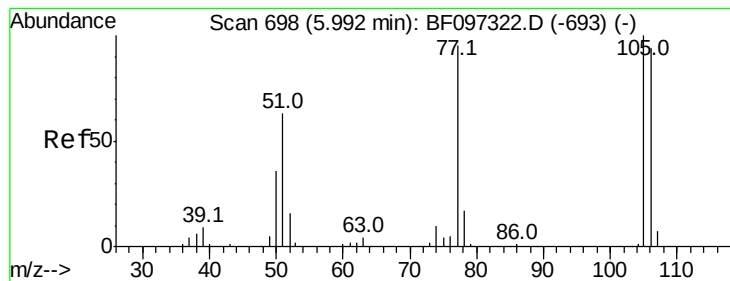
Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

64 52.2 28.4 68.4





#9

Benzaldehyde

Concen: 48.396 ng

RT: 5.95 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF097517.D

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SSTDCCC040

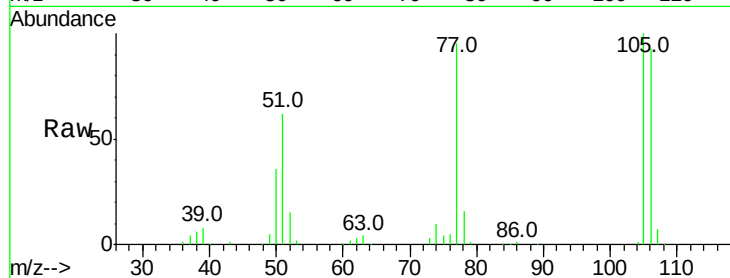
Tot Ion: 77 Resp: 153626

Ion Ratio Lower Upper

77 100

105 105.8 83.8 123.8

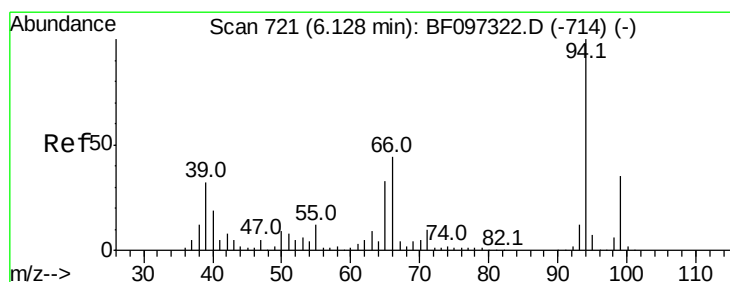
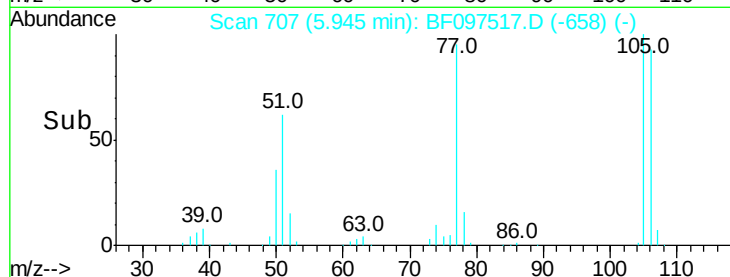
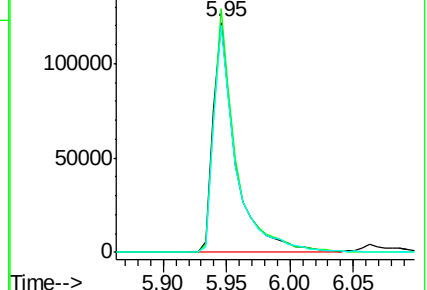
106 98.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.800 ng

RT: 6.09 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

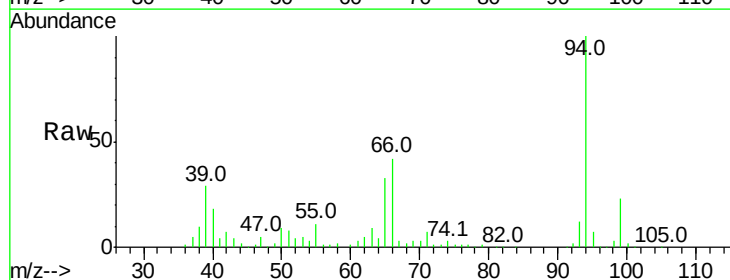
Tgt Ion: 94 Resp: 297701

Ion Ratio Lower Upper

94 100

65 32.6 9.9 49.9

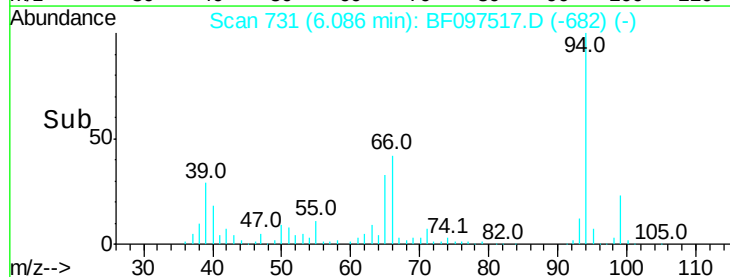
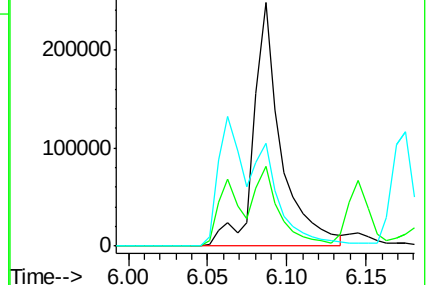
66 42.1 23.1 63.1

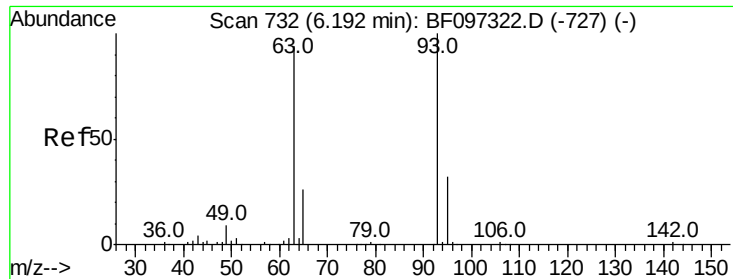


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.247 ng

RT: 6.15 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

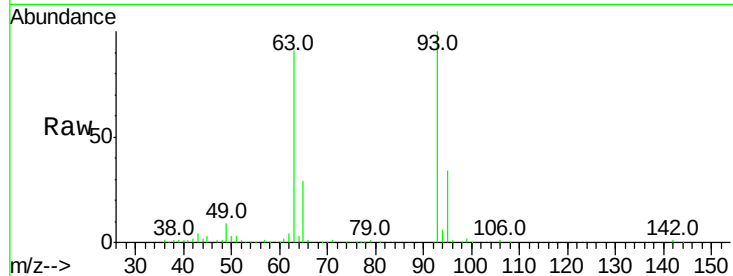
Tot Ion: 93 Resp: 217580

Ion Ratio Lower Upper

93 100

63 91.3 59.2 99.2

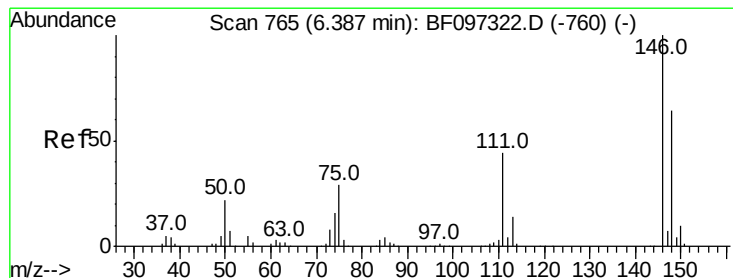
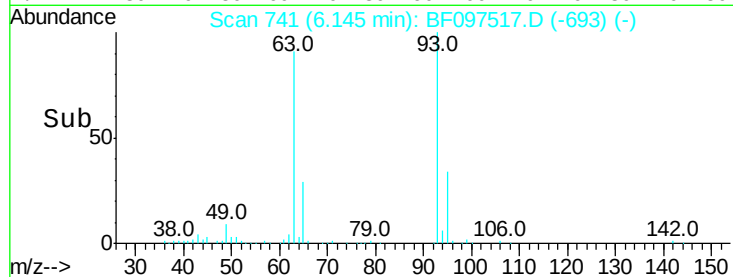
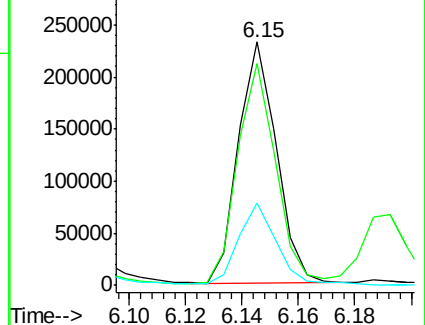
95 33.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.151 ng

RT: 6.33 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

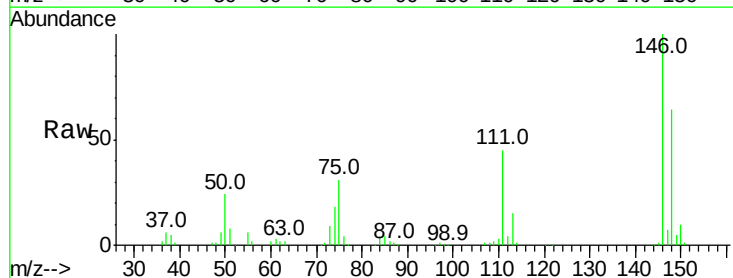
Tgt Ion: 146 Resp: 228169

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

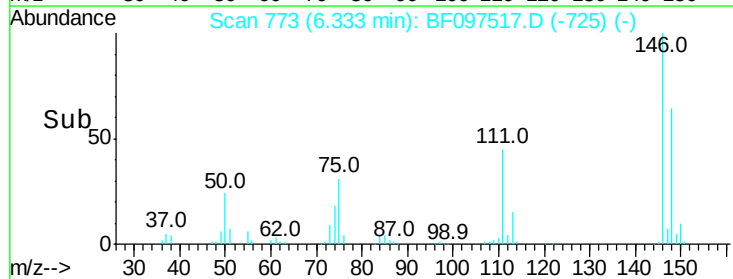
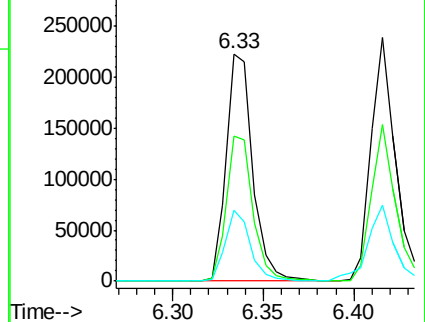
75 31.1 23.1 34.7

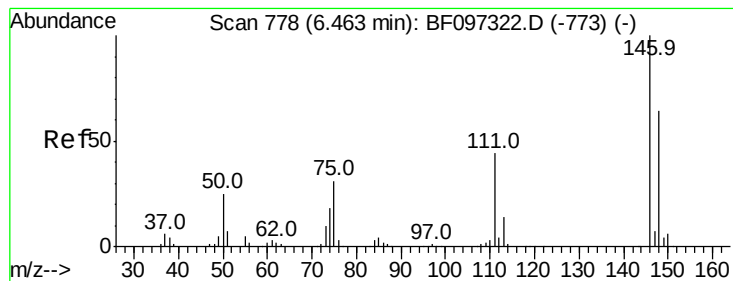


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.694 ng

RT: 6.42 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

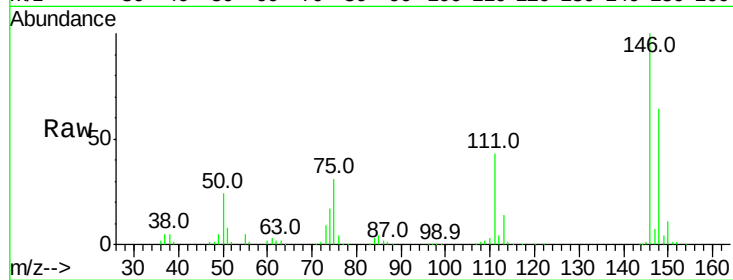
Tot Ion:146 Resp: 229034

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.2

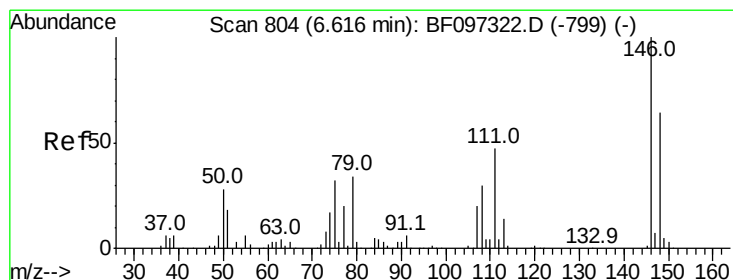
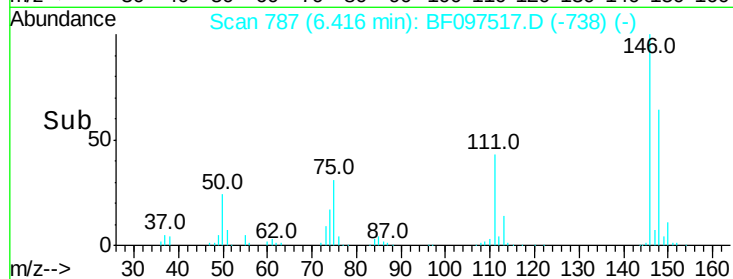
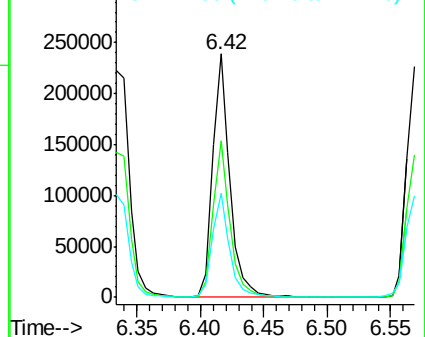
111 43.0 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.756 ng

RT: 6.57 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

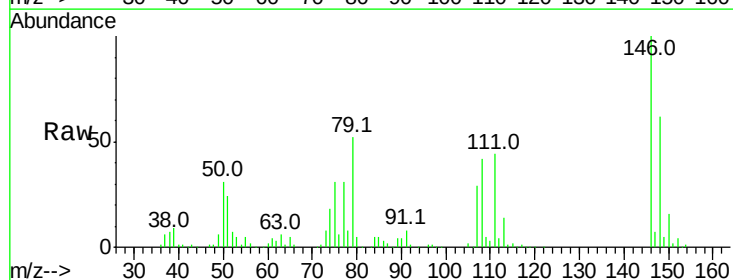
Tgt Ion:146 Resp: 204955

Ion Ratio Lower Upper

146 100

148 61.7 50.4 75.6

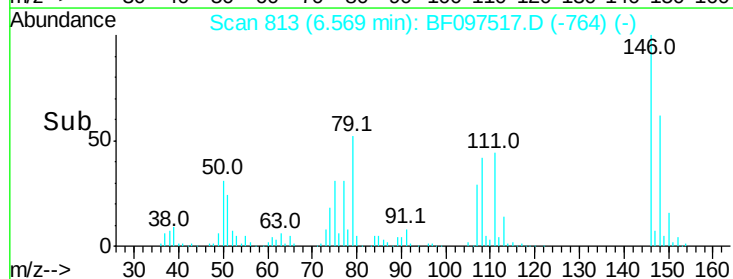
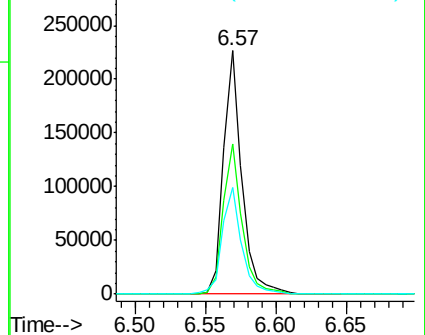
111 44.1 38.2 57.4

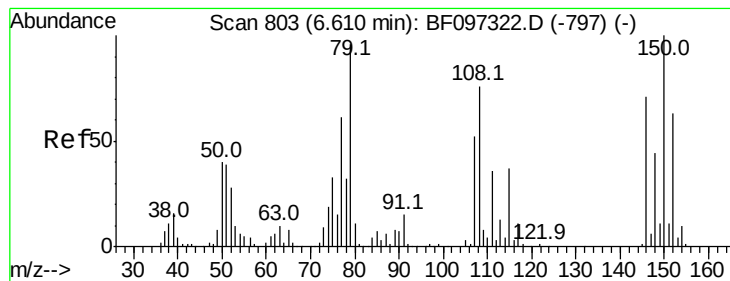


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.910 ng

RT: 6.57 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

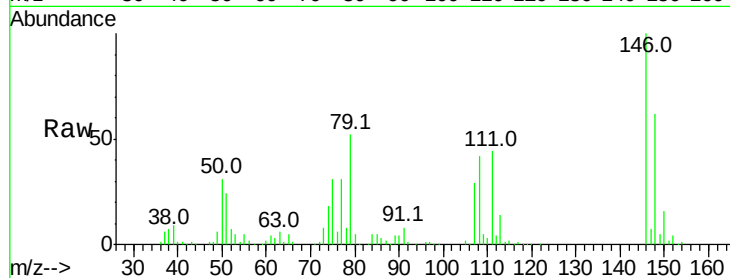
Tot Ion: 79 Resp: 162674

Ion Ratio Lower Upper

79 100

108 81.2 63.4 95.0

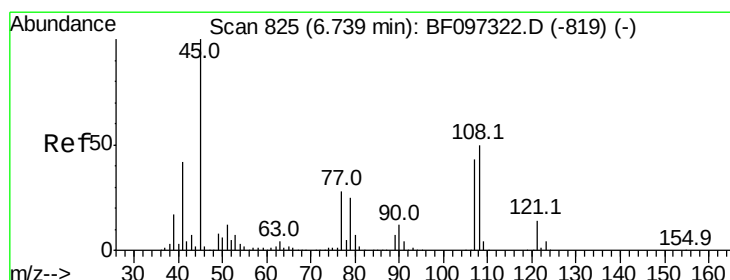
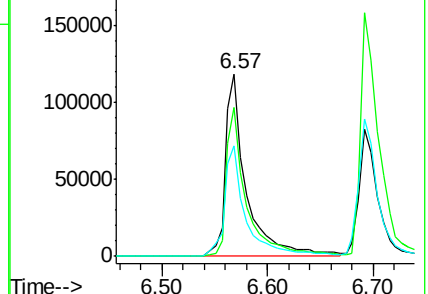
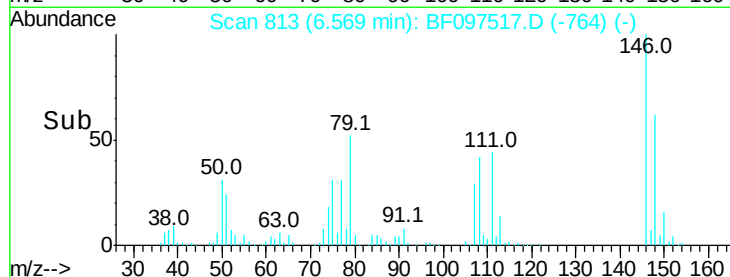
77 60.2 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.042 ng

RT: 6.69 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

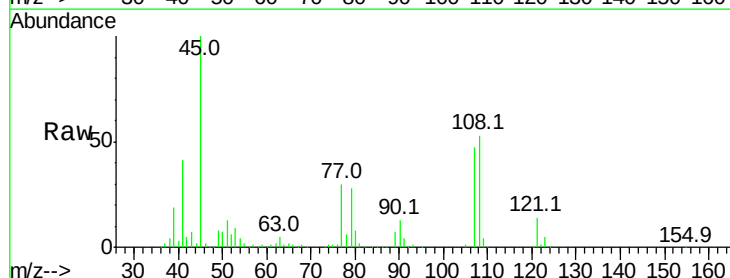
Tgt Ion: 45 Resp: 414154

Ion Ratio Lower Upper

45 100

77 29.8 0.0 33.2

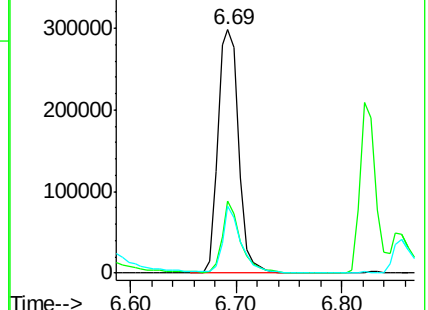
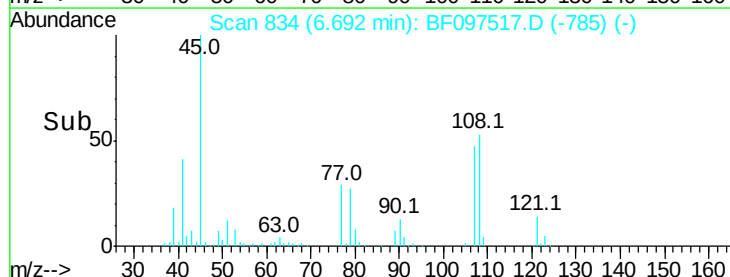
79 27.7 0.0 30.0

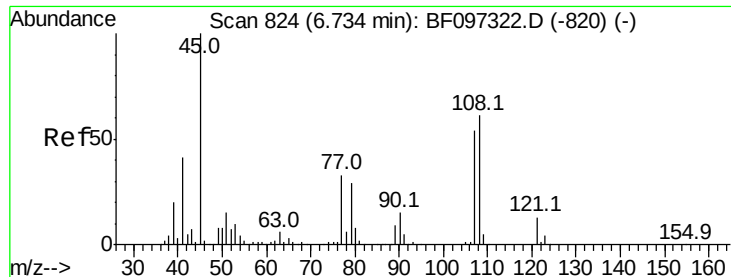


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.620 ng

RT: 6.69 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 165227

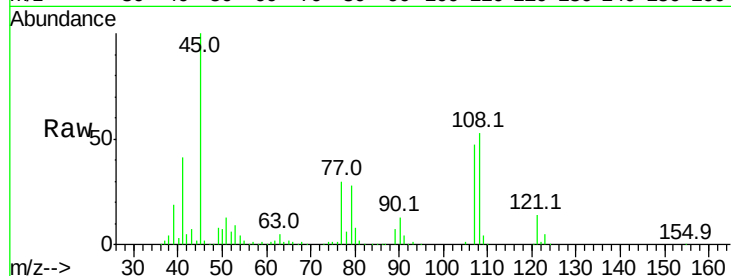
Ion Ratio Lower Upper

107 100

108 112.3 93.4 140.0

77 63.3 35.8 53.6#

79 58.7 34.8 52.2#

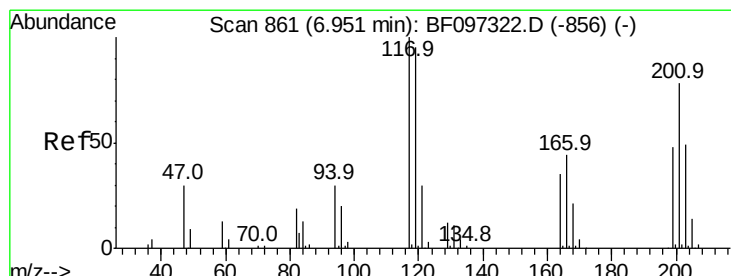
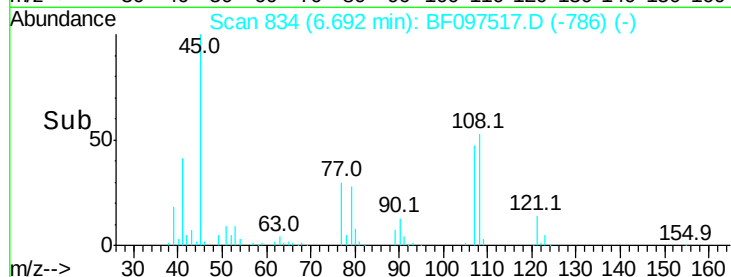
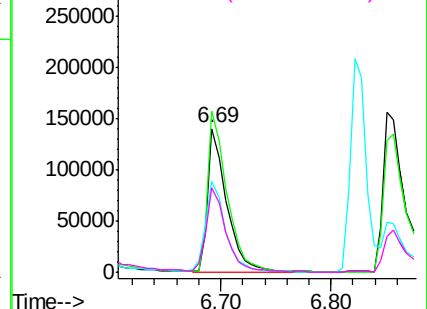


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.693 ng

RT: 6.90 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

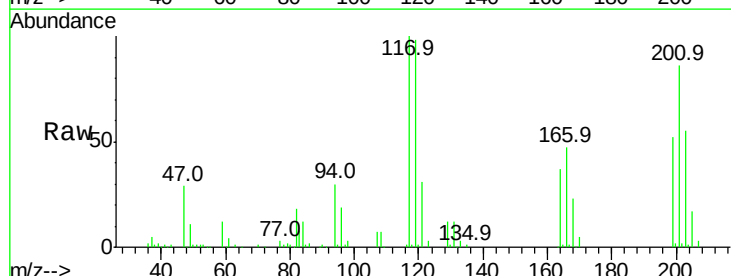
Tgt Ion:117 Resp: 79864

Ion Ratio Lower Upper

117 100

119 97.6 77.4 116.0

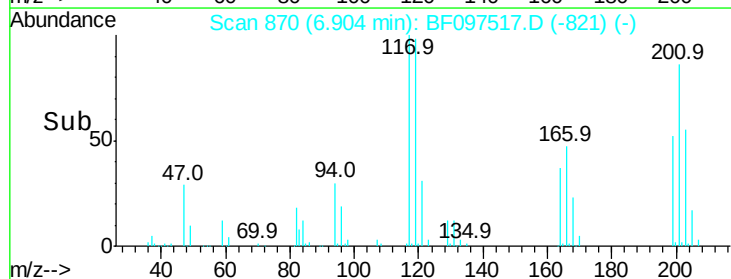
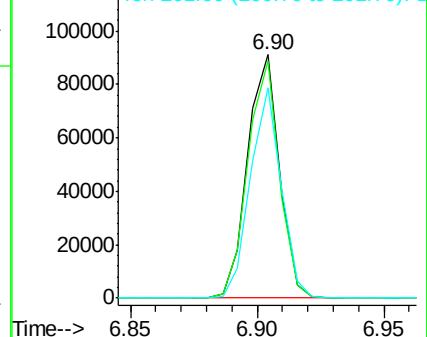
201 86.4 94.6 141.8#

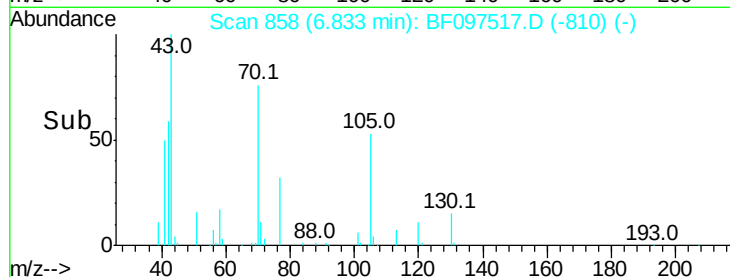
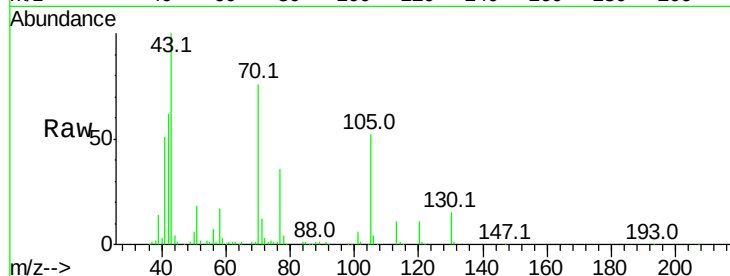
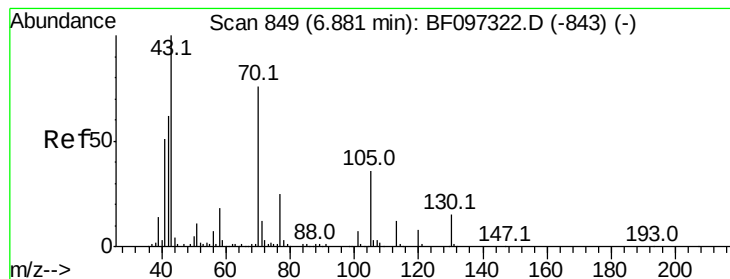


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.739 ng

RT: 6.83 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 147341

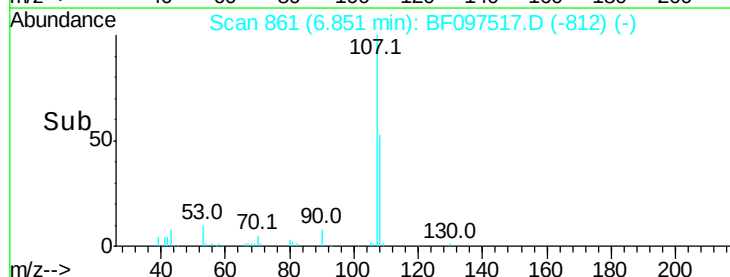
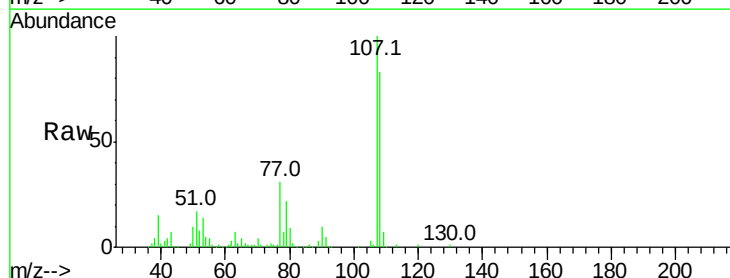
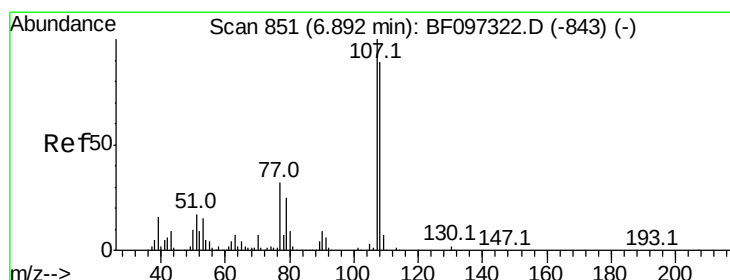
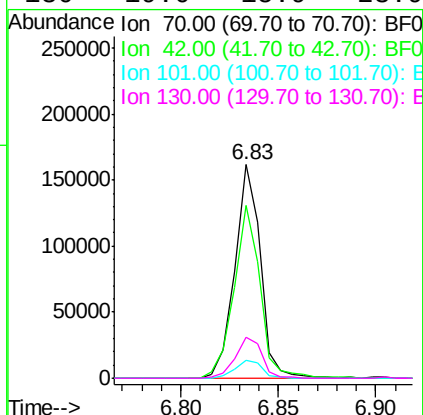
Ion Ratio Lower Upper

70 100

42 81.0 47.2 70.8#

101 8.4 7.2 10.8

130 19.0 15.9 23.9



#20

3+4-Methylphenols

Concen: 43.836 ng

RT: 6.85 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Tgt Ion: 107 Resp: 221953

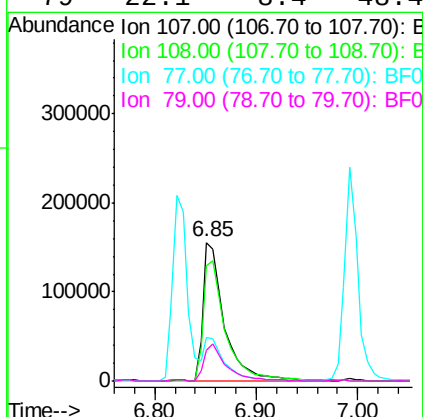
Ion Ratio Lower Upper

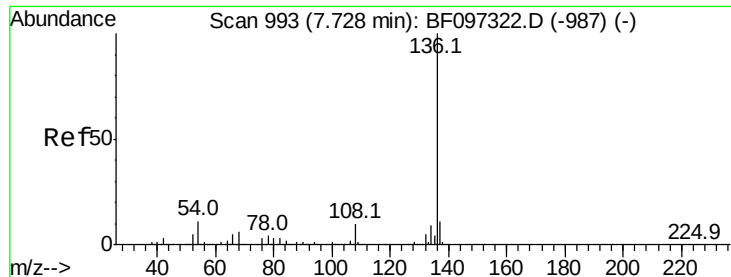
107 100

108 83.0 71.0 111.0

77 31.0 90.5 130.5#

79 22.1 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 326041

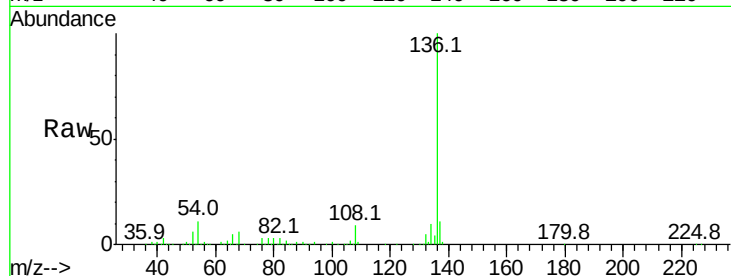
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 11.2 4.9 7.3#

68 5.9 4.1 6.1

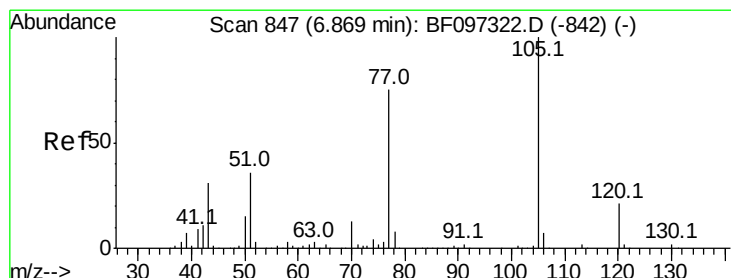
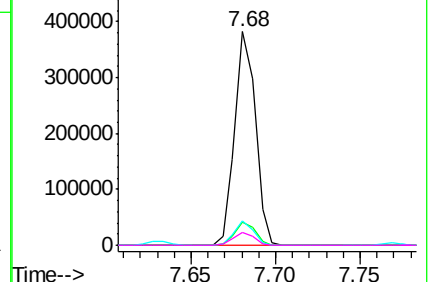
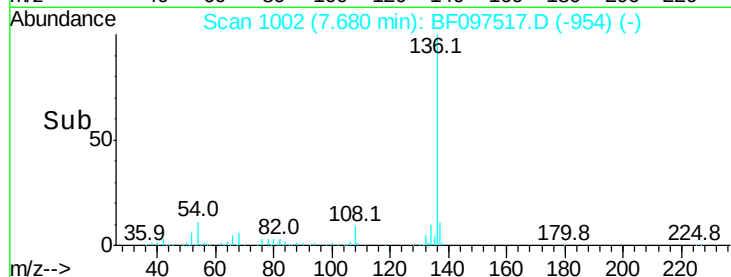


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.284 ng

RT: 6.82 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Tgt Ion:105 Resp: 284094

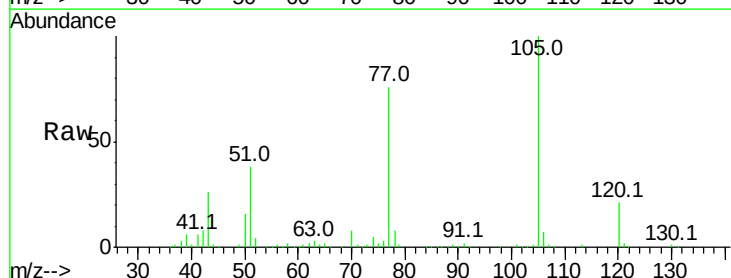
Ion Ratio Lower Upper

105 100

71 1.2 2.8 4.2#

51 37.5 30.7 46.1

120 21.2 17.4 26.0

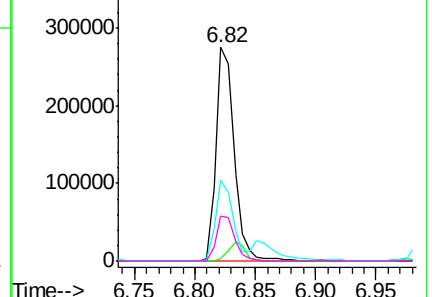
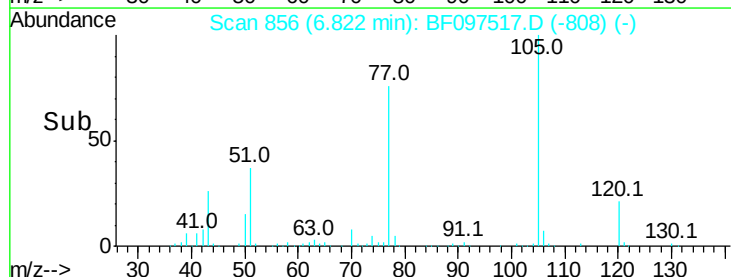


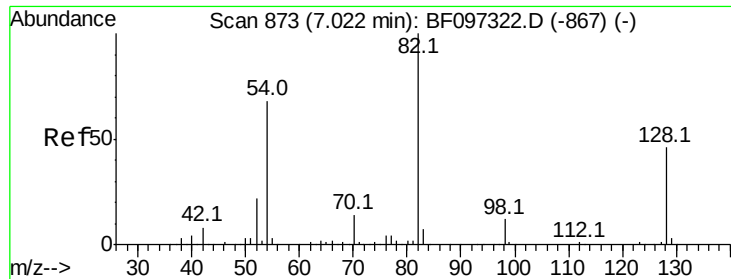
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

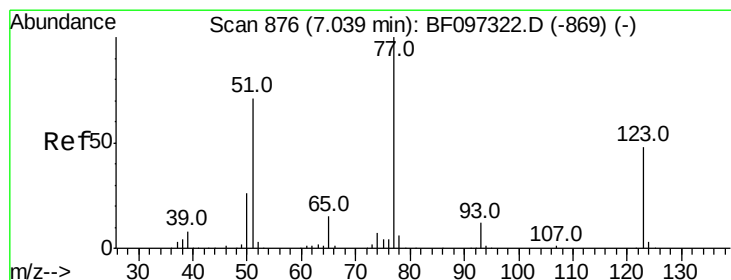
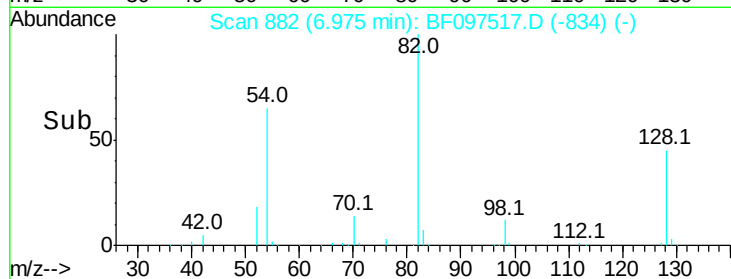
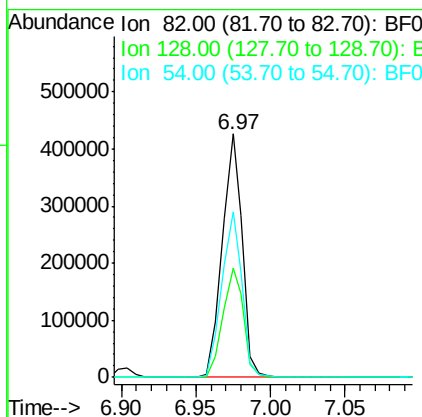
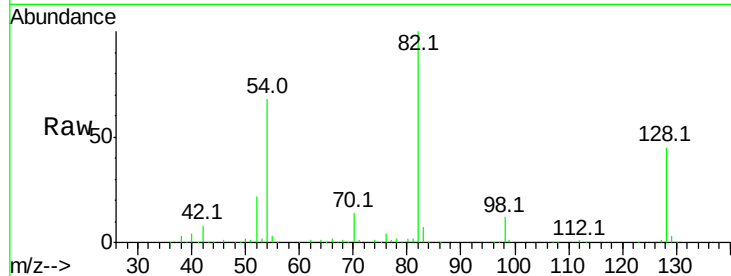




#23
 Nitrobenzene-d5
 Concen: 72.637 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

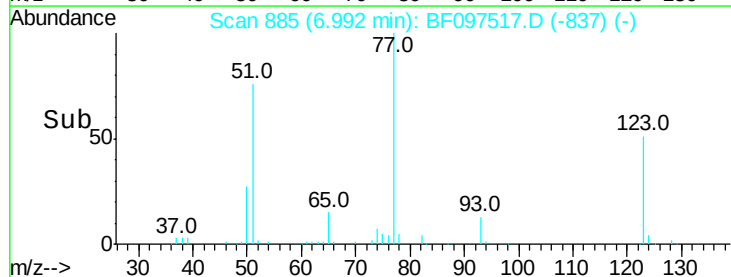
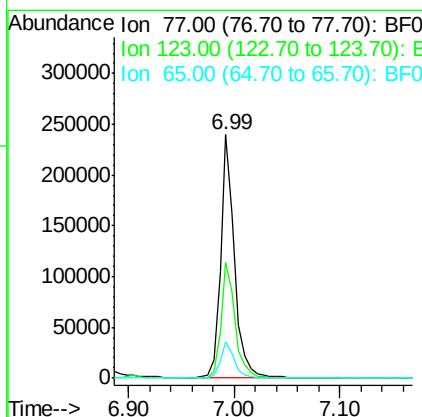
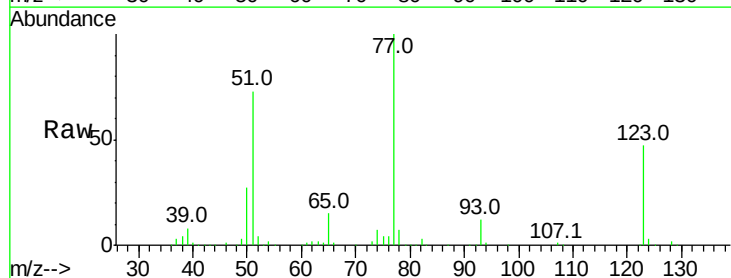
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

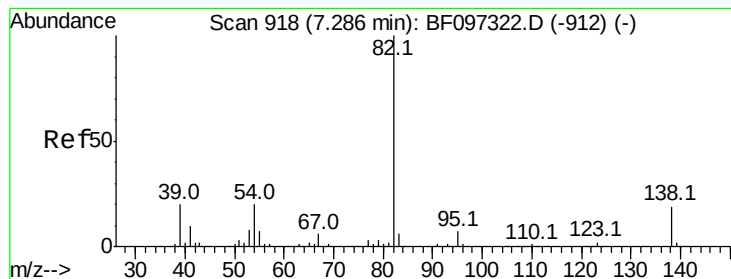
Tot Ion: 82 Resp: 403702
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.0 51.0
 54 67.8 42.2 63.2#



#24
 Nitrobenzene
 Concen: 38.424 ng
 RT: 6.99 min Scan# 885
 Delta R.T. -0.02 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion: 77 Resp: 222411
 Ion Ratio Lower Upper
 77 100
 123 47.3 35.8 53.8
 65 14.8 10.6 15.8





#25

Isophorone

Concen: 35.640 ng

RT: 7.24 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

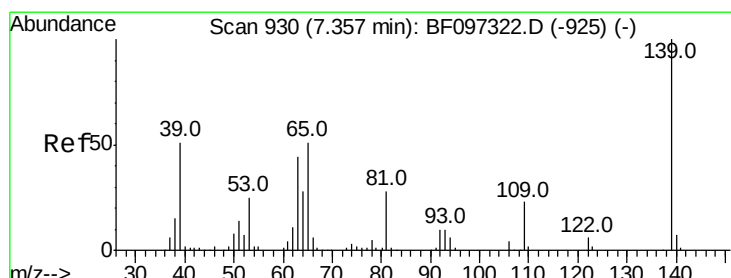
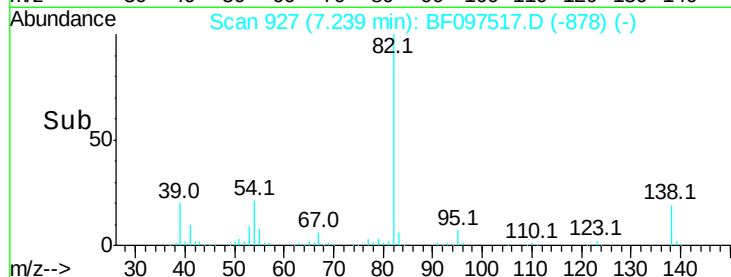
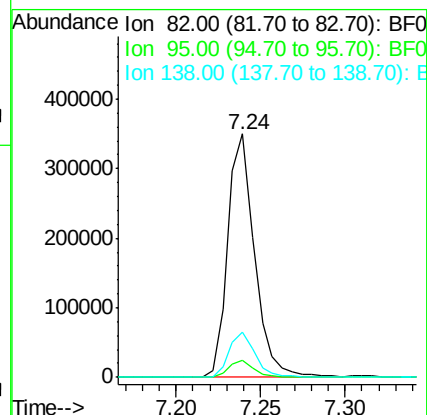
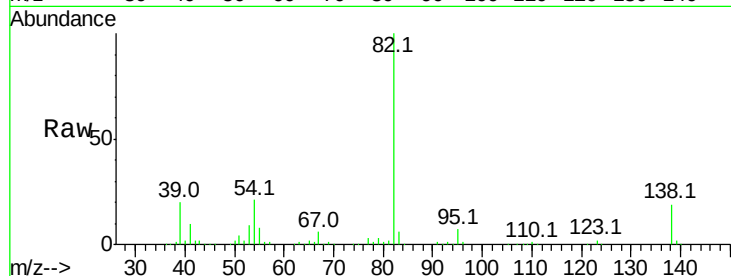
Tot Ion: 82 Resp: 387916

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 37.680 ng

RT: 7.31 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

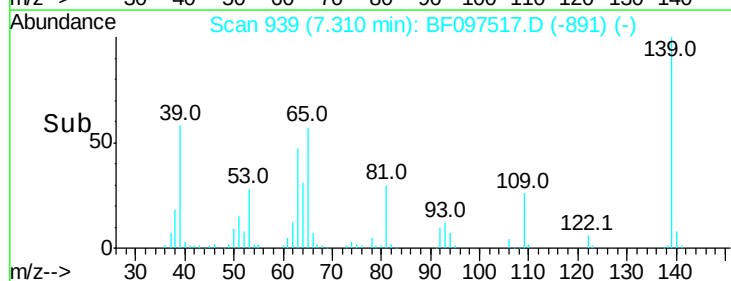
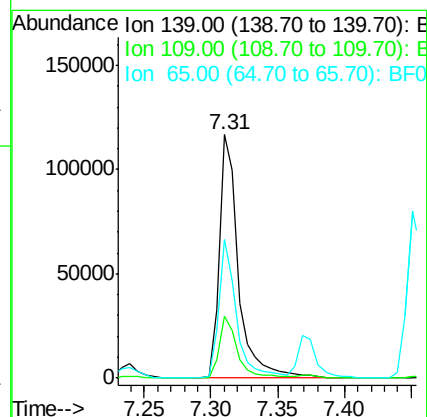
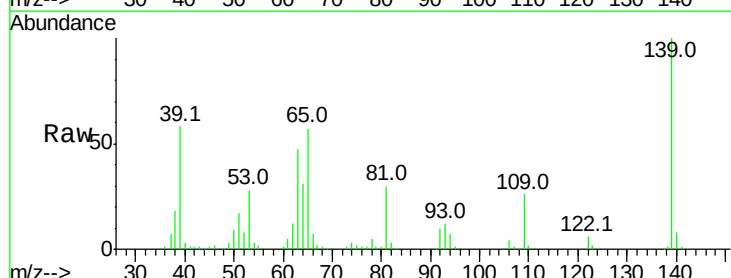
Tgt Ion: 139 Resp: 117997

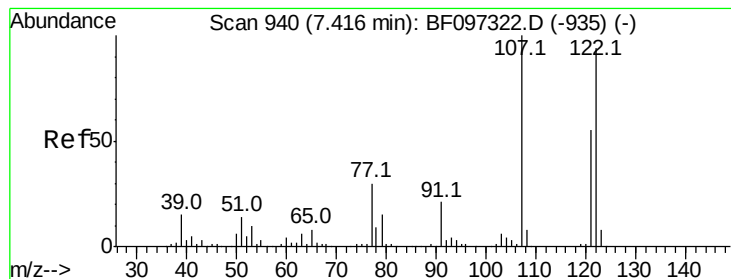
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 57.1 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 36.507 ng

RT: 7.37 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

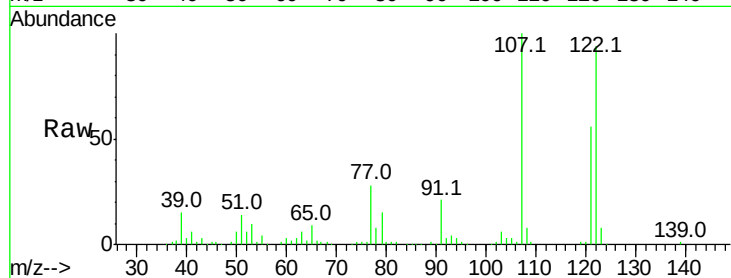
Tot Ion:122 Resp: 188591

Ion Ratio Lower Upper

122 100

107 106.4 89.2 133.8

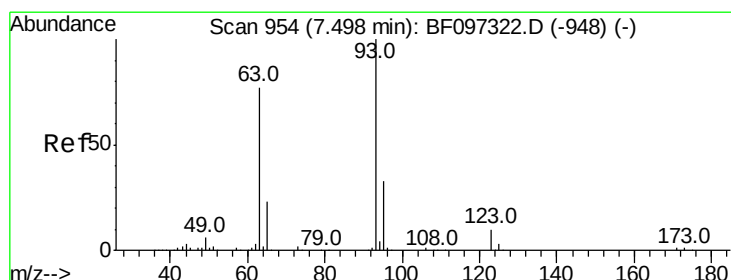
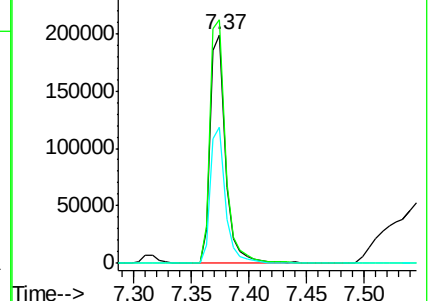
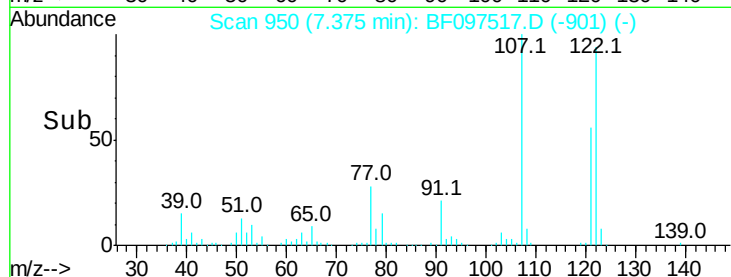
121 59.5 45.2 67.8



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: 41.254 ng

RT: 7.45 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

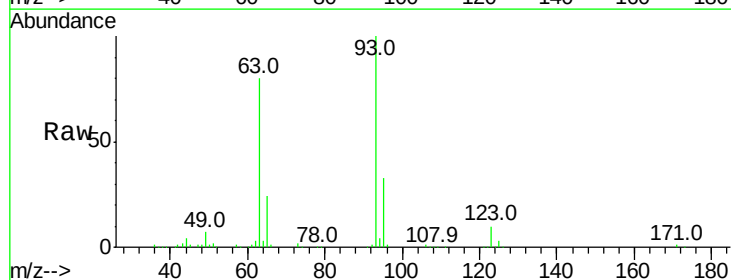
Tgt Ion: 93 Resp: 293017

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

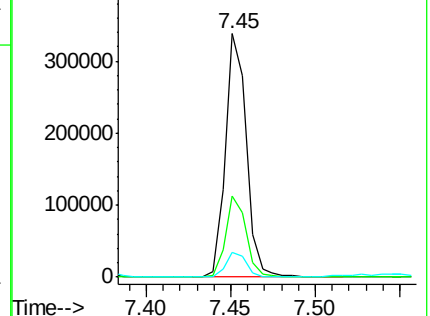
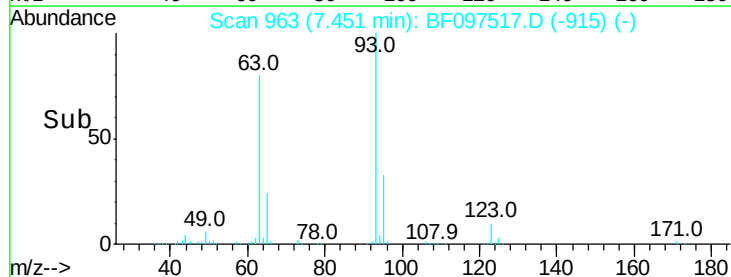
123 10.1 9.0 13.4

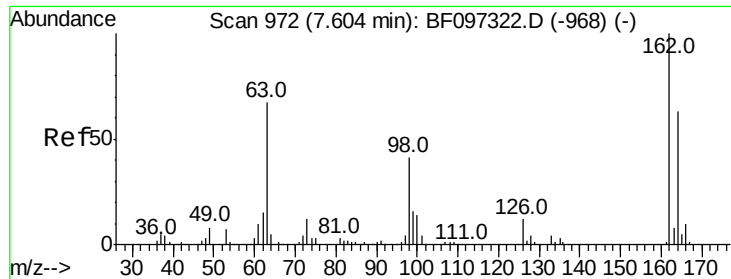


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

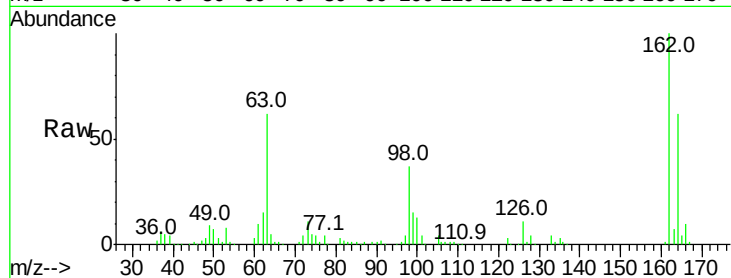




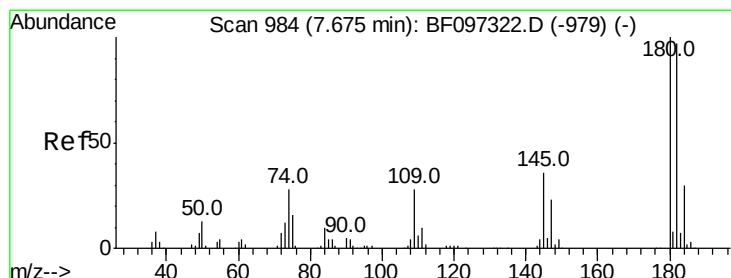
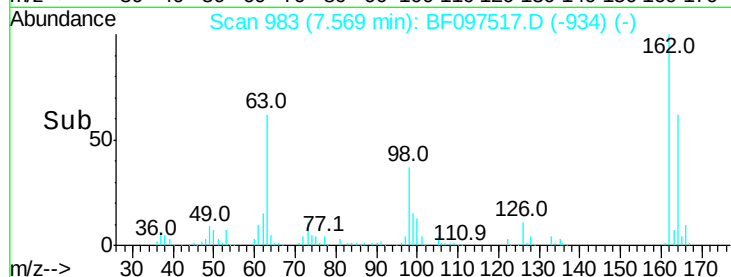
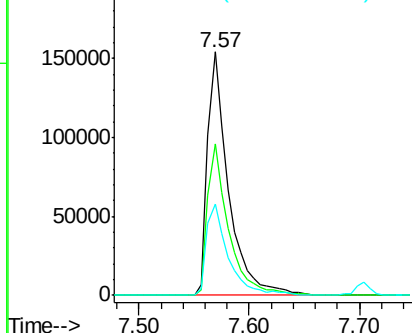
#29
 2,4-Dichlorophenol
 Concen: 44.579 ng
 RT: 7.57 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.6	84.6
98	37.3	14.8	54.8

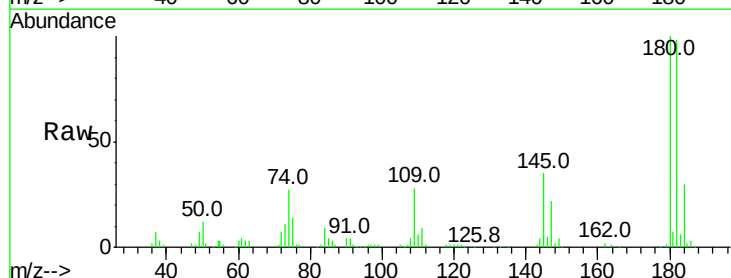


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

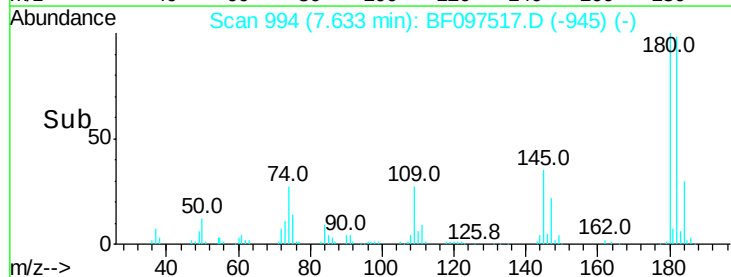
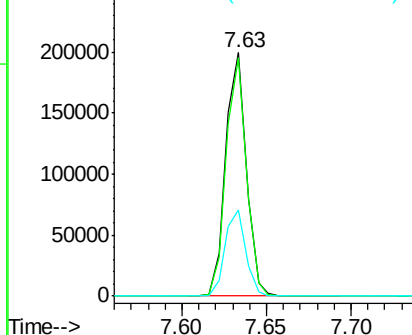


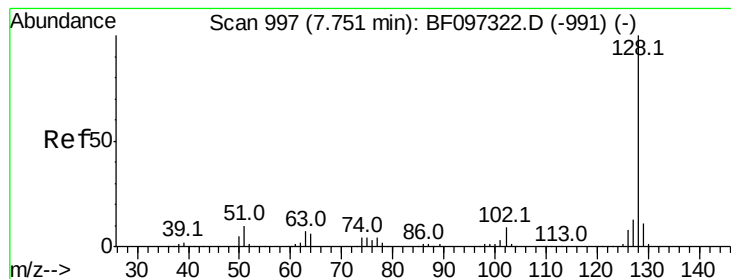
#30
 1,2,4-Trichlorobenzene
 Concen: 39.956 ng
 RT: 7.63 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	75.8	113.6
145	35.5	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: 41.404 ng

RT: 7.70 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

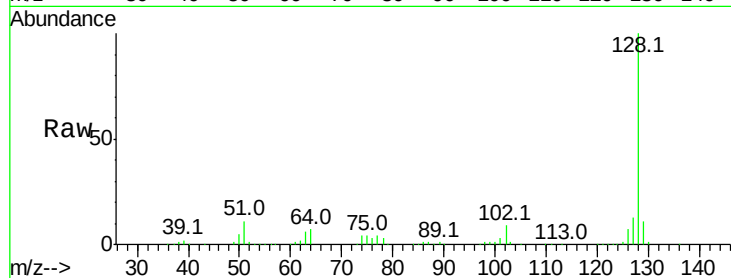
Tot Ion:128 Resp: 636345

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

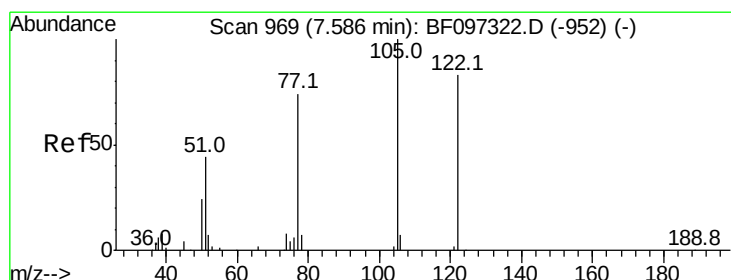
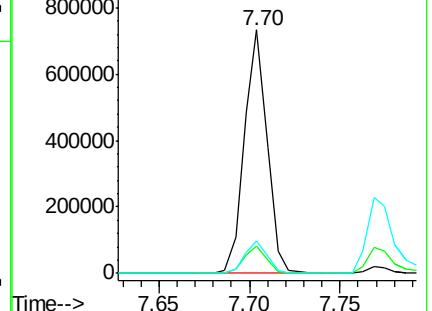
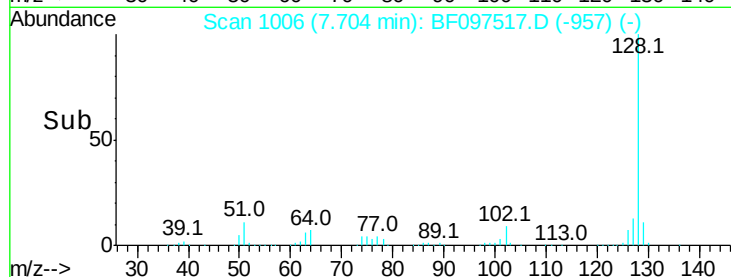
127 13.1 10.8 16.2



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: 37.872 ng

RT: 7.55 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

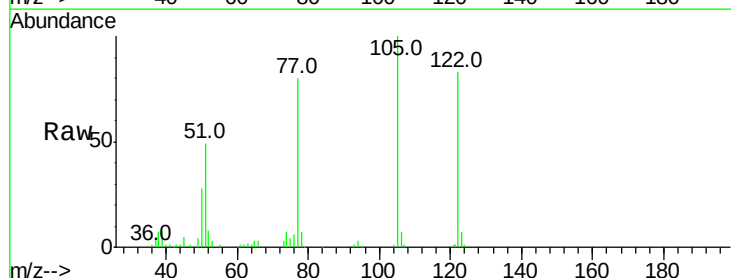
Tgt Ion:122 Resp: 146087

Ion Ratio Lower Upper

122 100

105 120.0 103.3 143.3

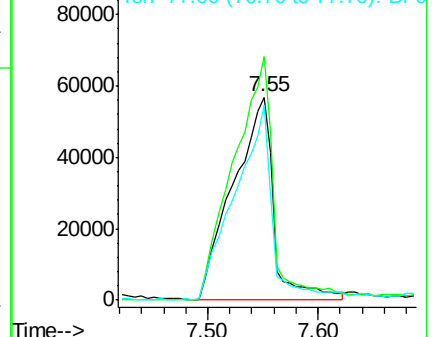
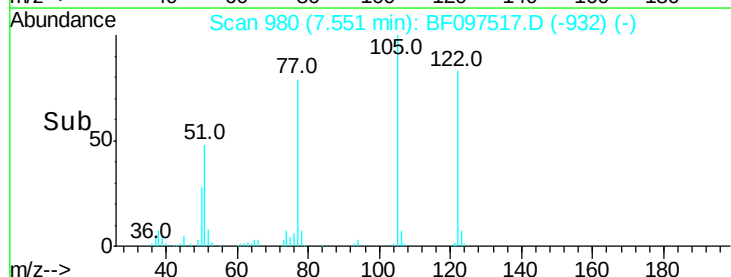
77 96.0 73.7 113.7

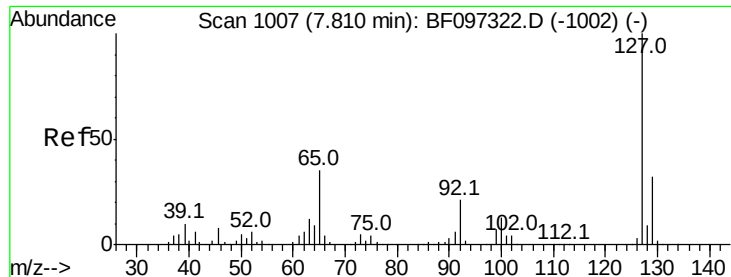


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

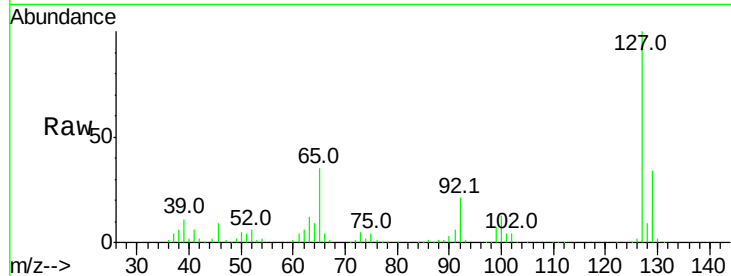




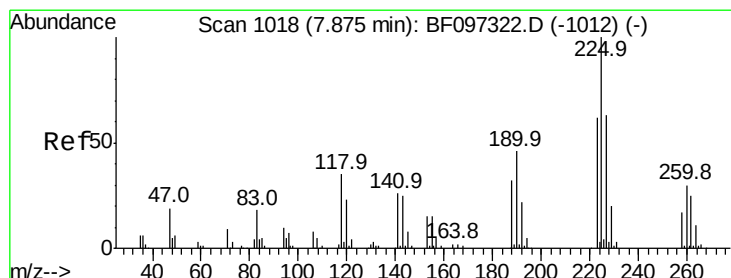
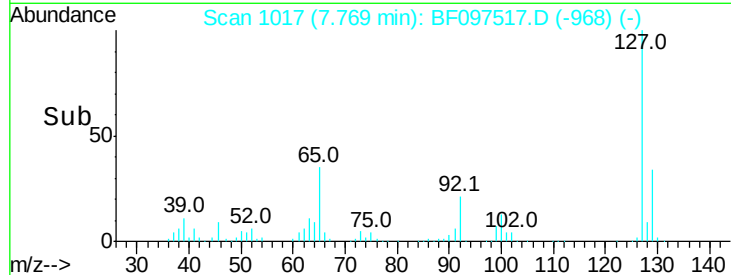
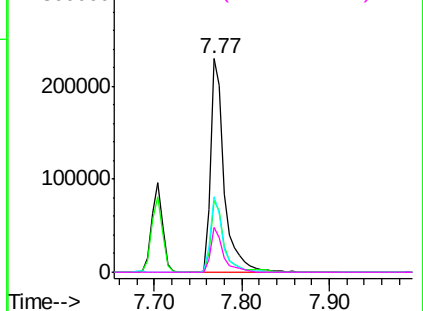
#33
 4-Chloroaniline
 Concen: 39.871 ng
 RT: 7.77 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	127	Resp:	249338
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.2
65	35.3	27.8	41.8
92	21.0	16.8	25.2

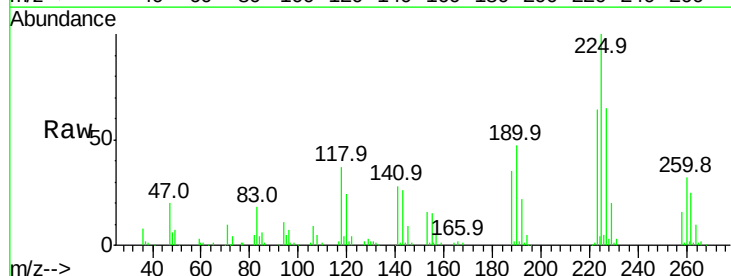


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

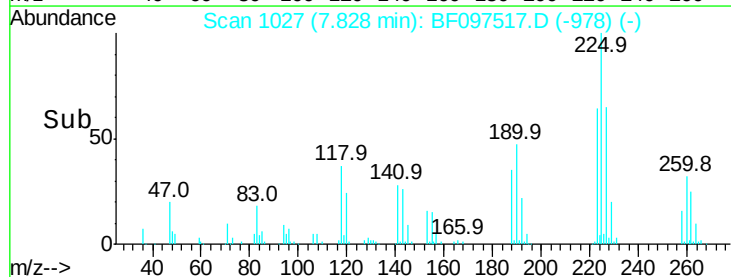
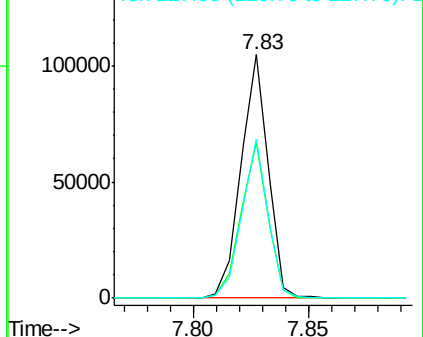


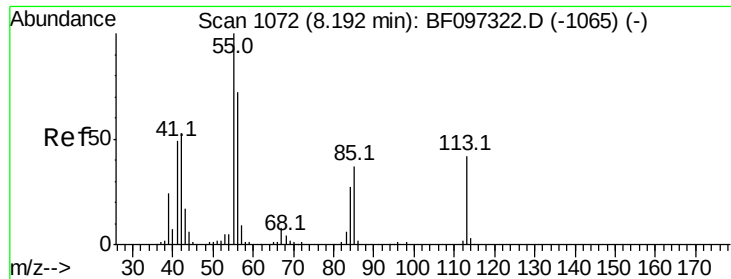
#34
 Hexachlorobutadiene
 Concen: 38.290 ng
 RT: 7.83 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion:	225	Resp:	86106
Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.8	73.2
227	65.3	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

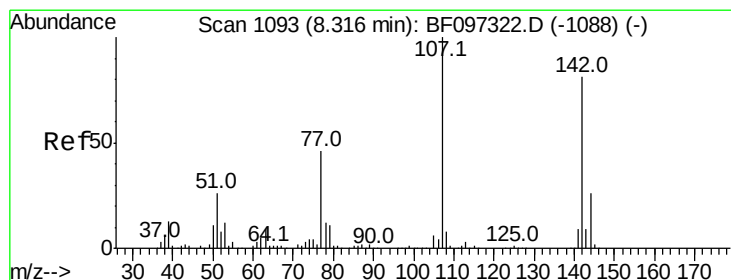
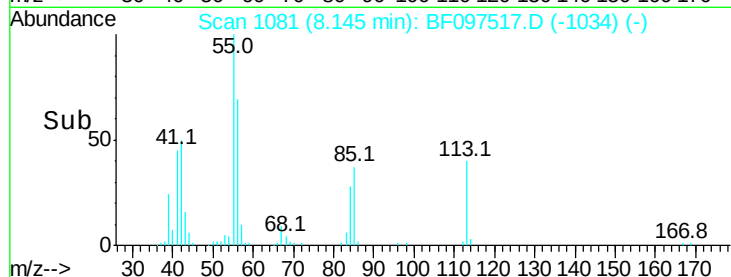
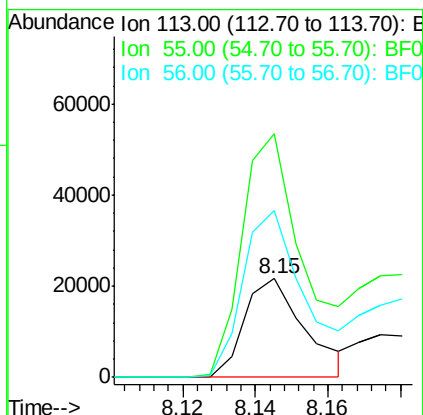
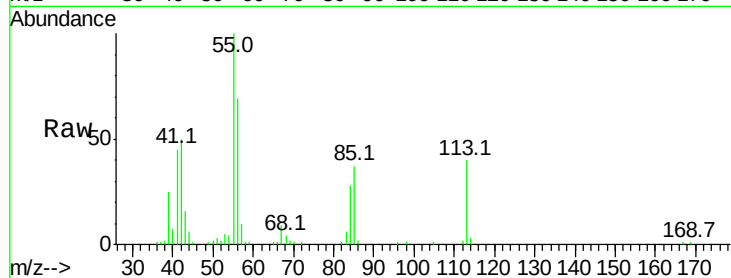




#35
 Caprolactam
 Concen: 17.439 ng
 RT: 8.15 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

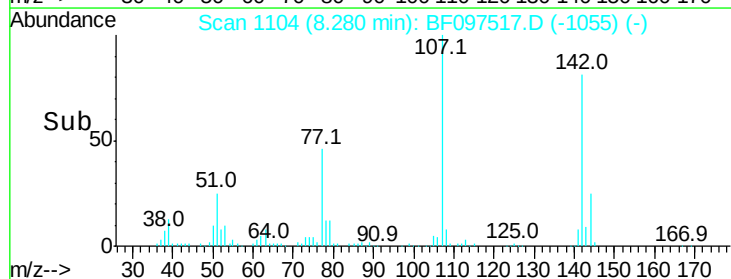
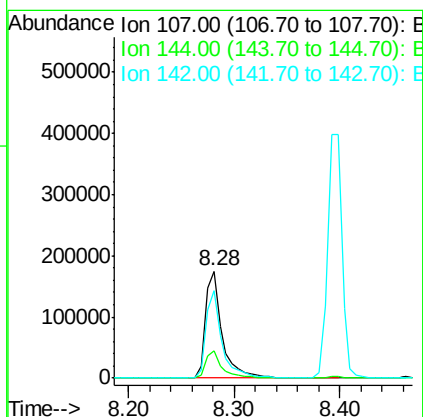
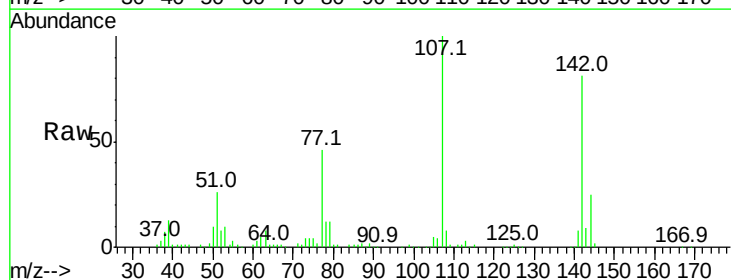
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

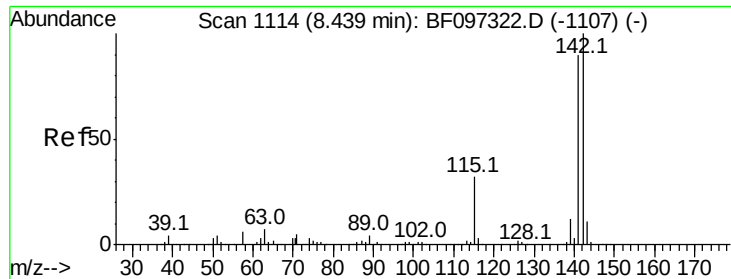
Tot Ion:113 Resp: 24885
 Ion Ratio Lower Upper
 113 100
 55 247.2 150.2 190.2#
 56 169.5 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.048 ng
 RT: 8.28 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion:107 Resp: 189584
 Ion Ratio Lower Upper
 107 100
 144 25.1 24.2 36.4
 142 81.1 73.4 110.0

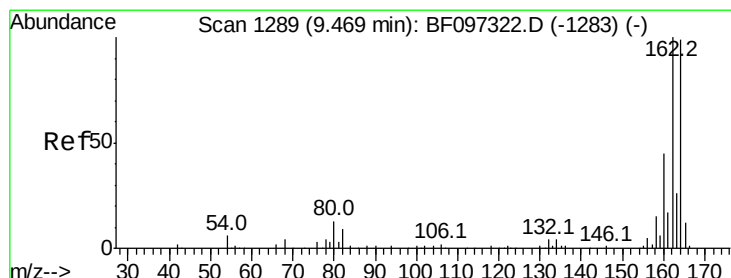
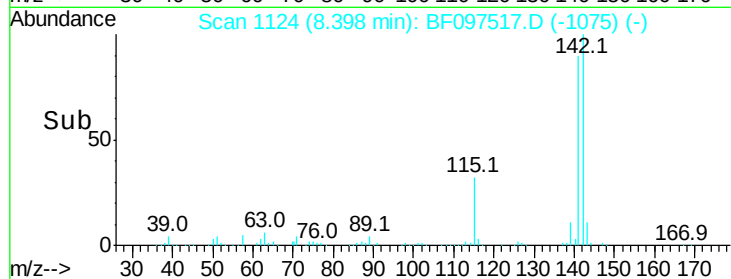
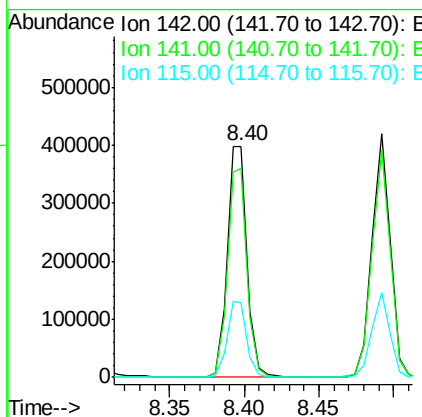
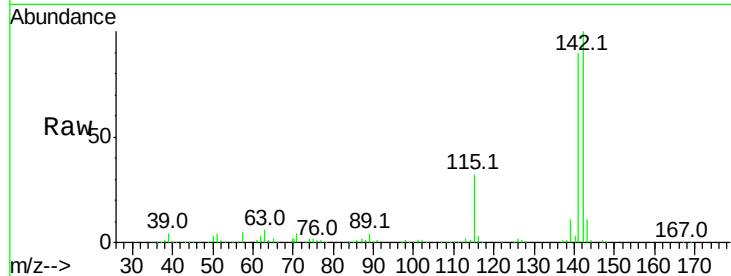




#37
 2-Methylnaphthalene
 Concen: 38.377 ng
 RT: 8.40 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

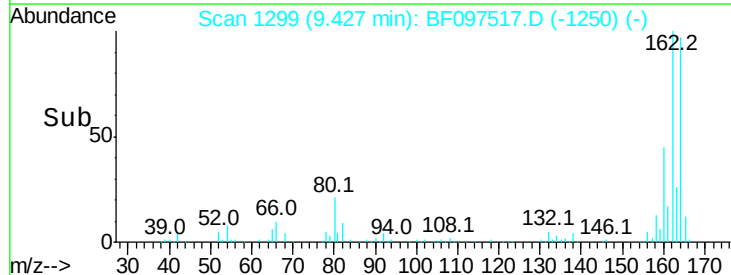
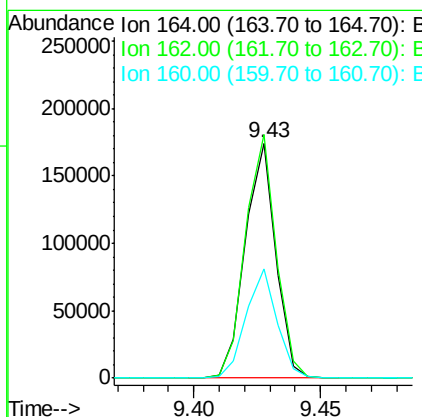
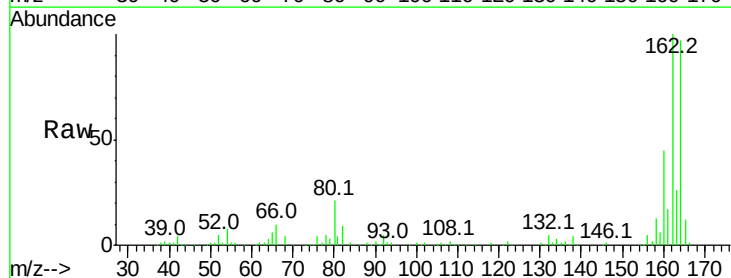
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

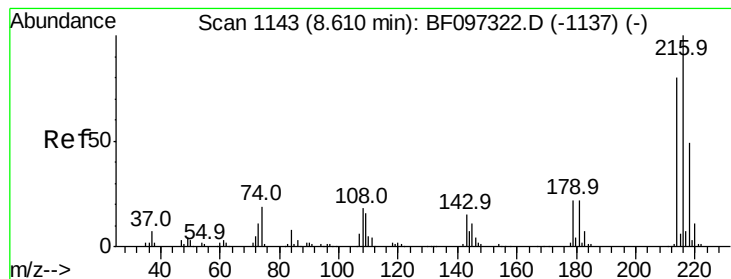
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.3	106.9
115	32.4	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	46.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.314 ng

RT: 8.57 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 164833

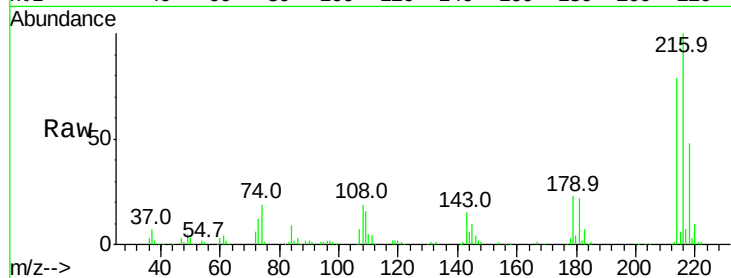
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 22.6 17.9 26.9

108 21.7 16.5 24.7

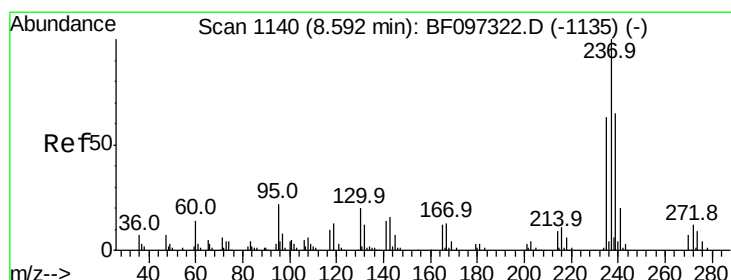
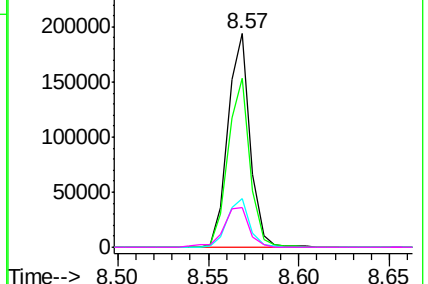
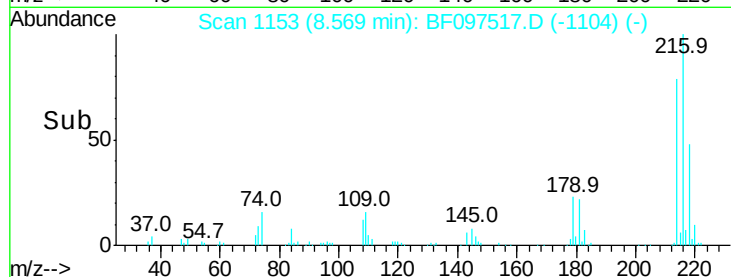


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.990 ng

RT: 8.55 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

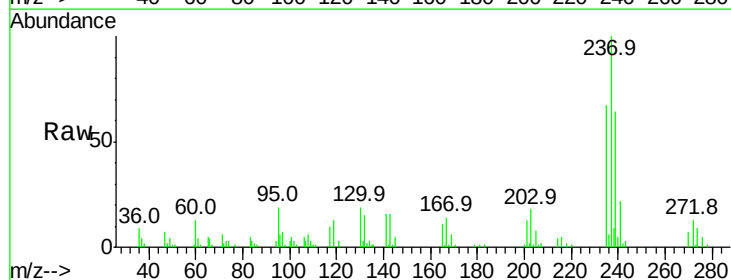
Tgt Ion:237 Resp: 39188

Ion Ratio Lower Upper

237 100

235 67.5 42.6 82.6

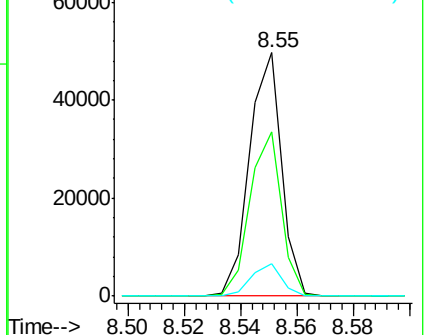
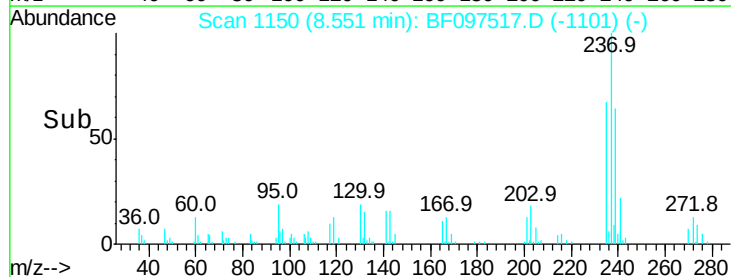
272 13.3 0.0 31.9

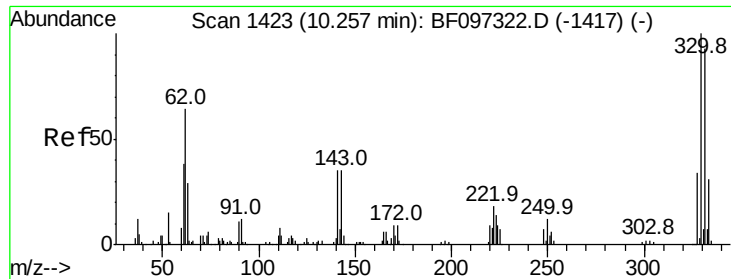


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

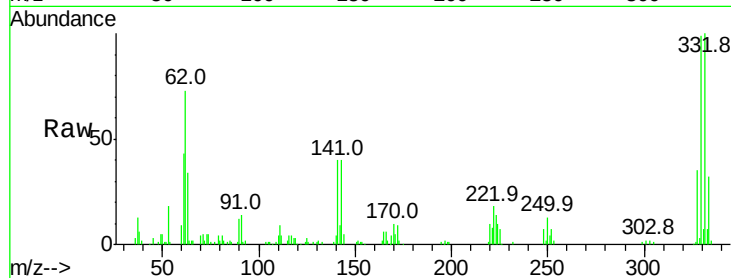




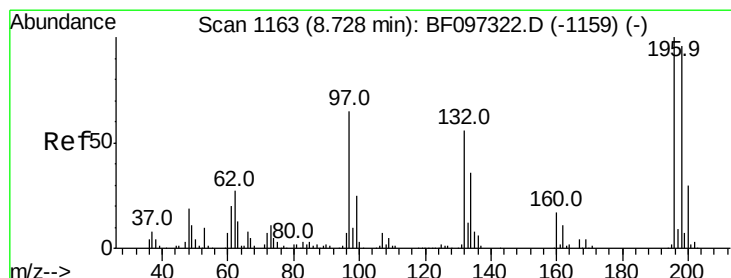
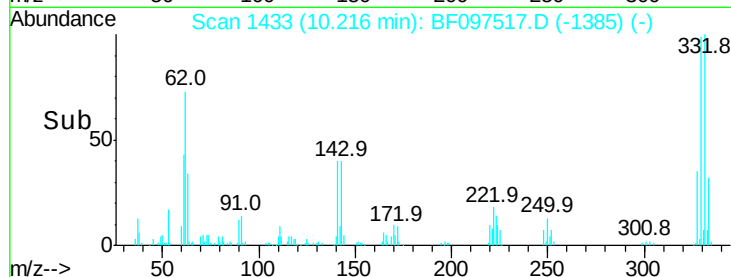
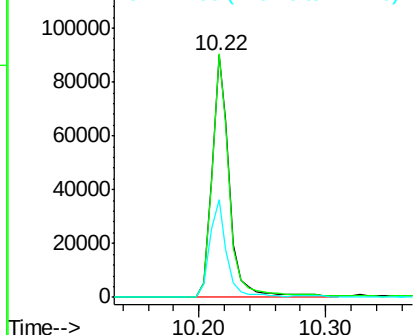
#41
 2,4,6-Tribromophenol
 Concen: 76.200 ng
 RT: 10.22 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 87895
 Ion Ratio Lower Upper
 330 100
 332 99.6 76.6 115.0
 141 39.2 31.4 47.2

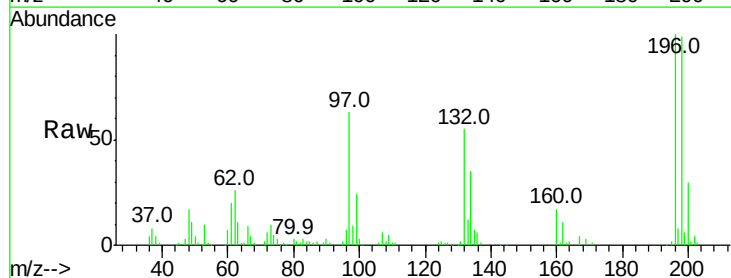


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

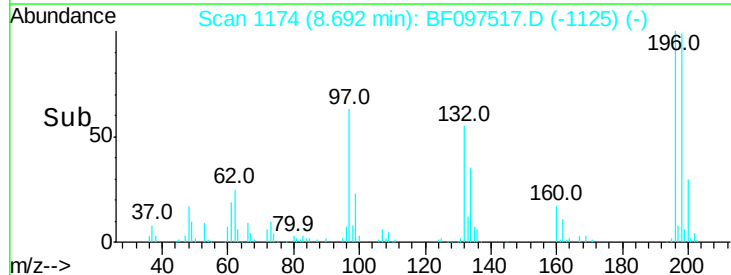
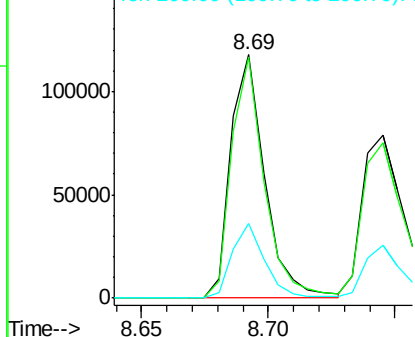


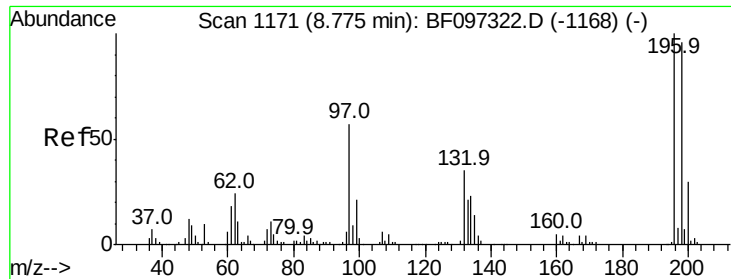
#42
 2,4,6-Trichlorophenol
 Concen: 39.036 ng
 RT: 8.69 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion:196 Resp: 110195
 Ion Ratio Lower Upper
 196 100
 198 99.2 74.2 111.4
 200 30.5 24.0 36.0



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

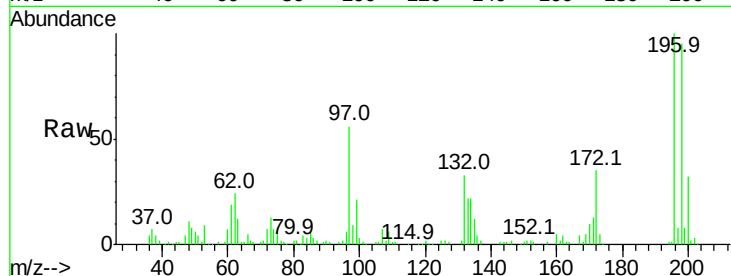




#43
 2,4,5-Trichlorophenol
 Concen: 39.266 ng
 RT: 8.75 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.7	113.5
97	56.4	47.7	71.5
132	33.4	28.0	42.0



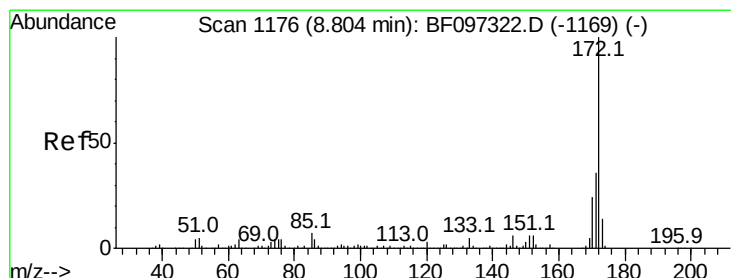
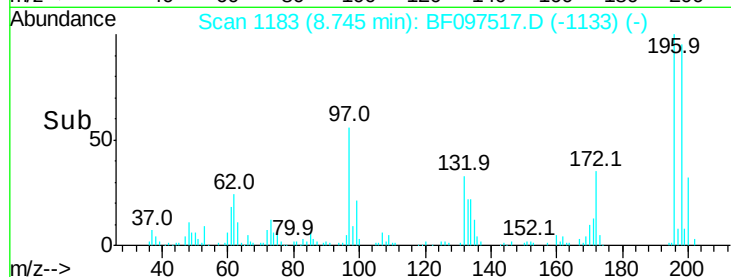
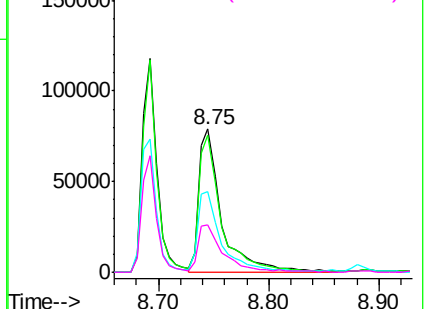
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

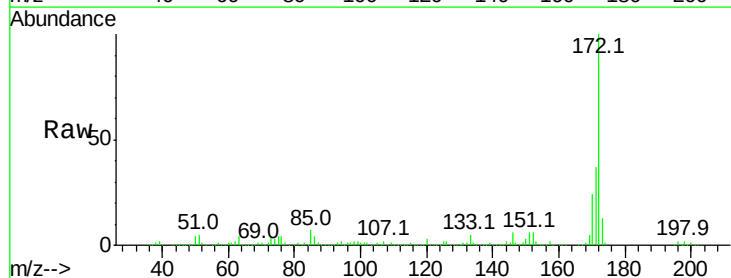
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.800 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.1	19.8	29.8

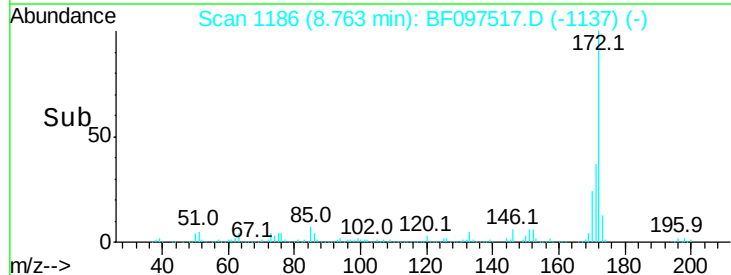
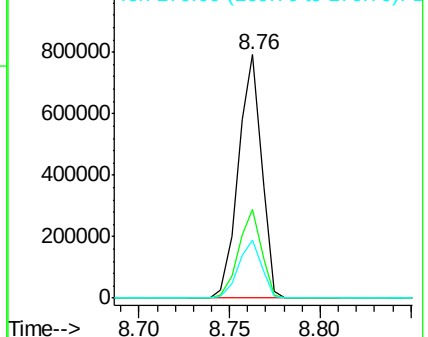


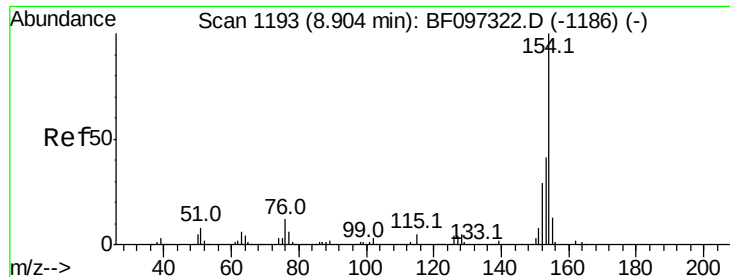
Abundance

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: 41.906 ng

RT: 8.86 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

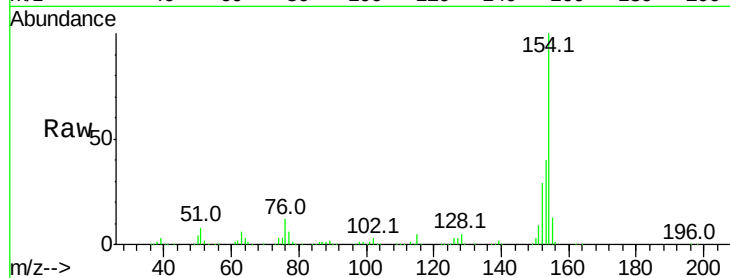
Tot Ion:154 Resp: 522563

Ion Ratio Lower Upper

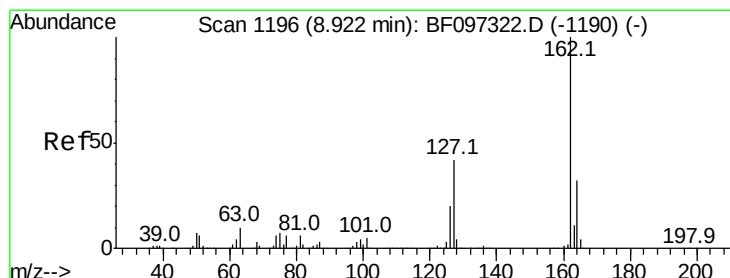
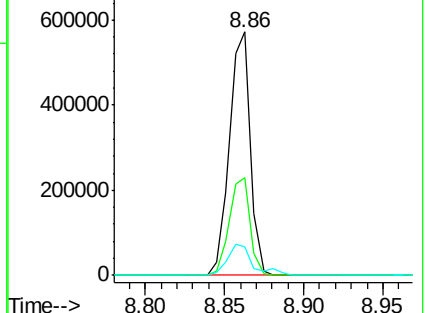
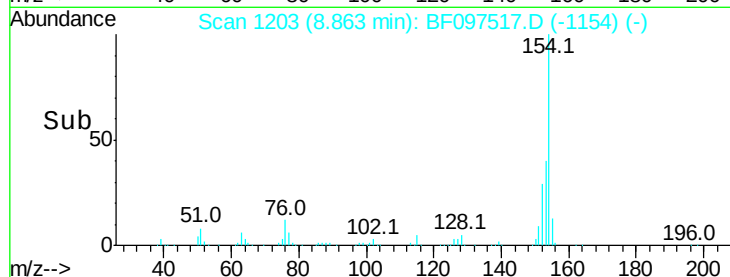
154 100

153 40.2 21.2 61.2

76 11.9 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 41.298 ng

RT: 8.88 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

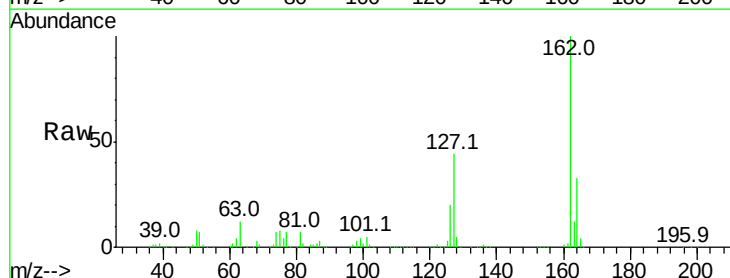
Tgt Ion:162 Resp: 378962

Ion Ratio Lower Upper

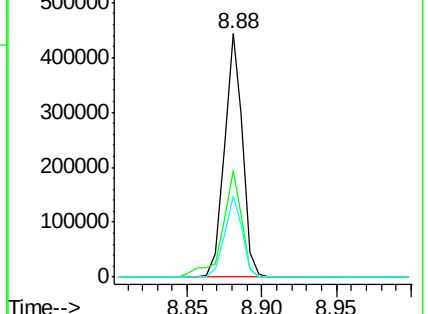
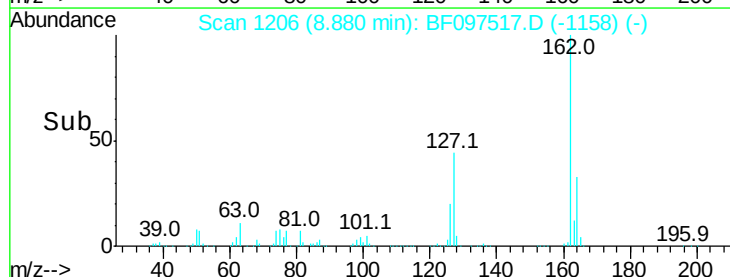
162 100

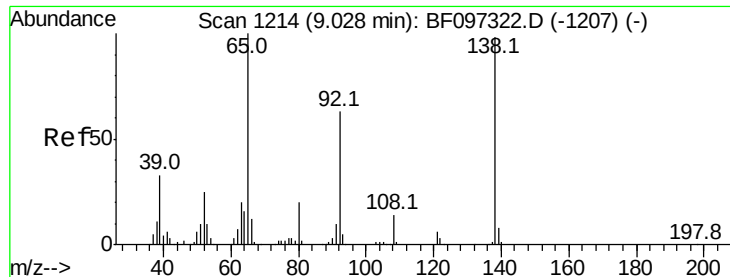
127 43.7 28.3 42.5#

164 33.2 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

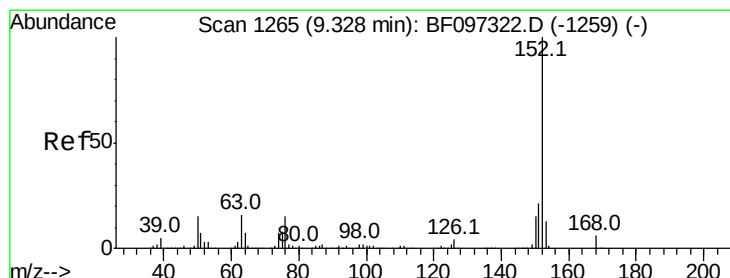
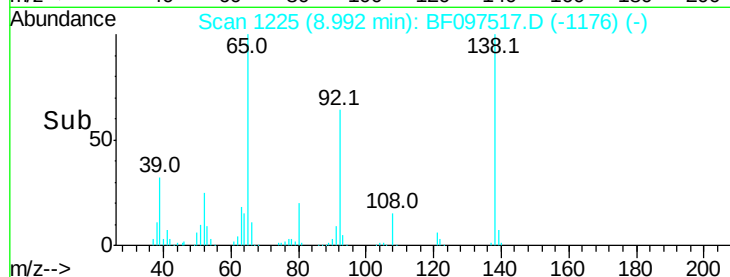
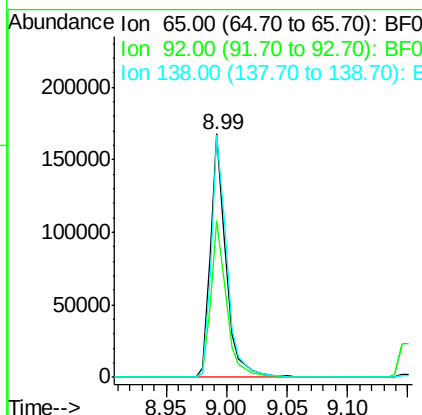
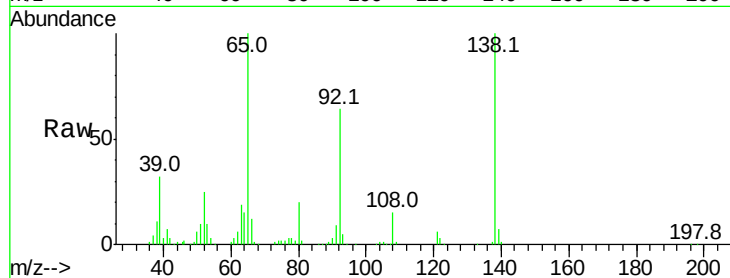




#47
2-Nitroaniline
Concen: 44.355 ng
RT: 8.99 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF097517.D
Acq: 9 Aug 2017 15:59

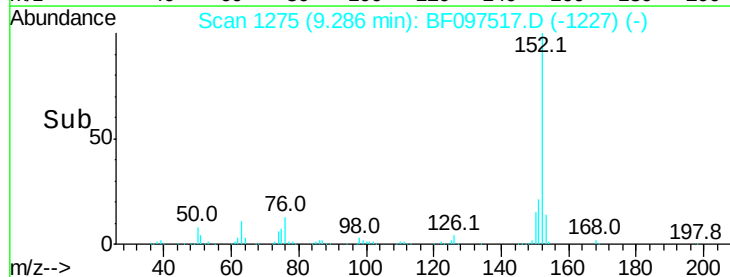
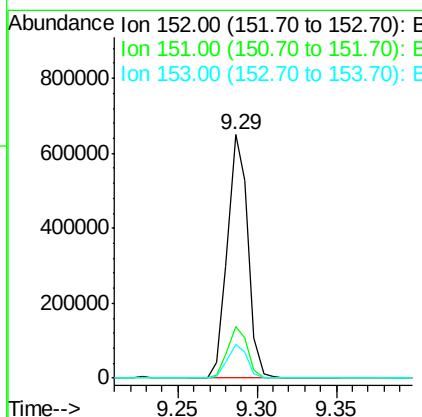
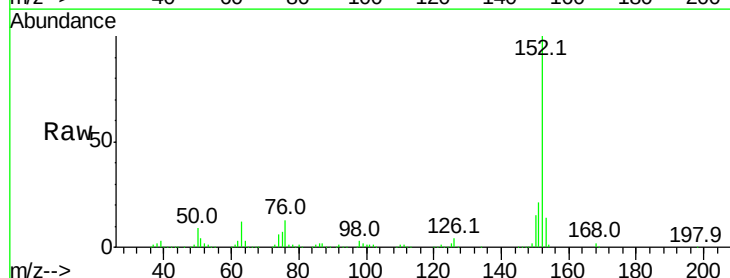
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

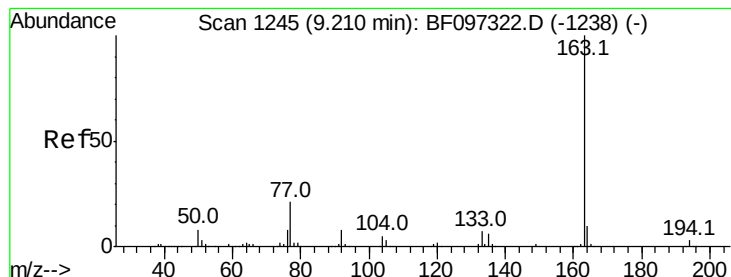
Tot Ion: 65 Resp: 147713
Ion Ratio Lower Upper
65 100
92 64.2 53.9 80.9
138 99.6 78.8 118.2



#48
Acenaphthylene
Concen: 41.264 ng
RT: 9.29 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF097517.D
Acq: 9 Aug 2017 15:59

Tgt Ion: 152 Resp: 581206
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 39.931 ng

RT: 9.17 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

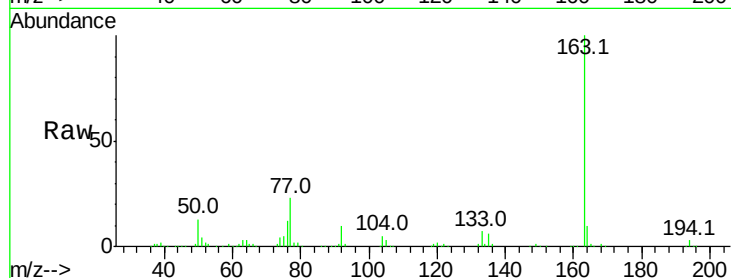
Tot Ion:163 Resp: 442689

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

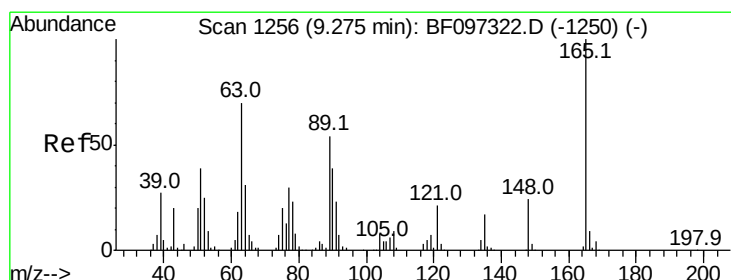
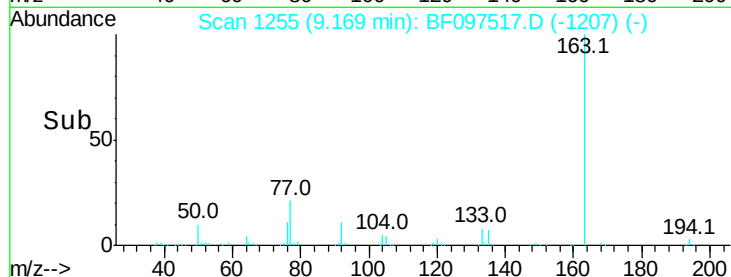
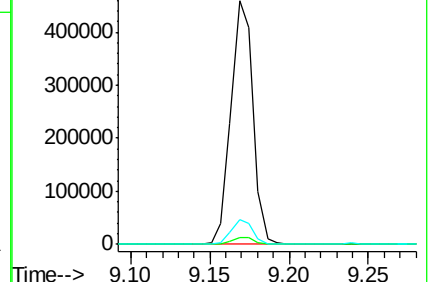
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.390 ng

RT: 9.24 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

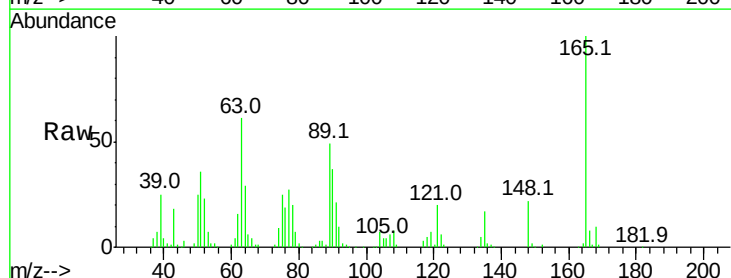
Tgt Ion:165 Resp: 97323

Ion Ratio Lower Upper

165 100

63 61.1 34.3 51.5#

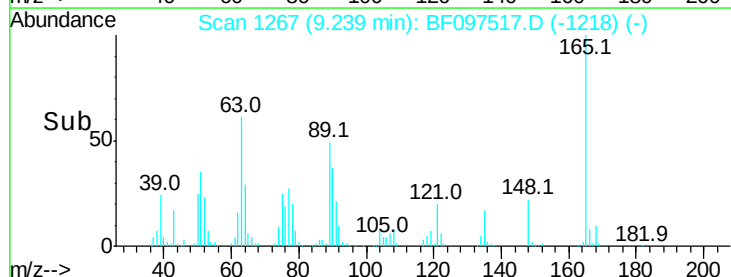
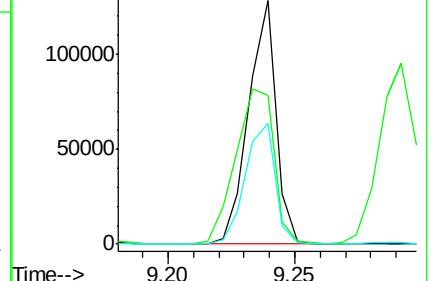
89 49.4 37.1 55.7

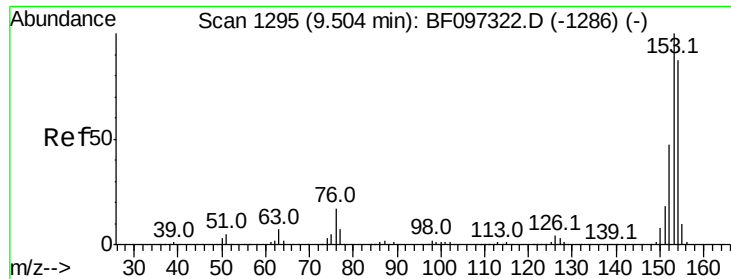


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.311 ng

RT: 9.46 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

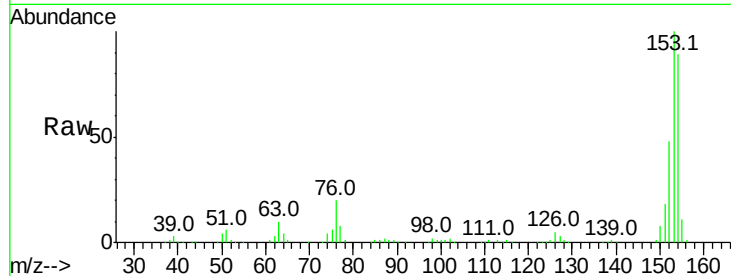
Tot Ion:154 Resp: 342737

Ion Ratio Lower Upper

154 100

153 112.2 90.5 135.7

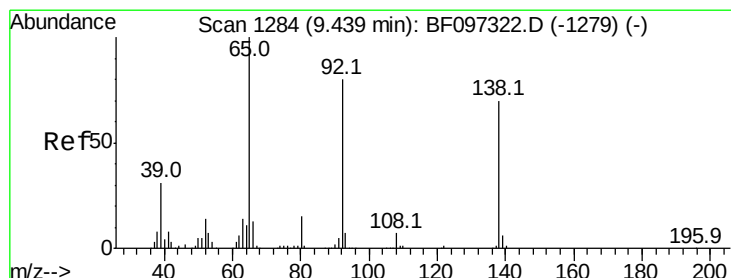
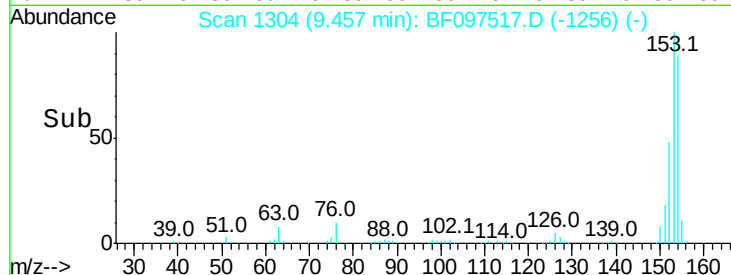
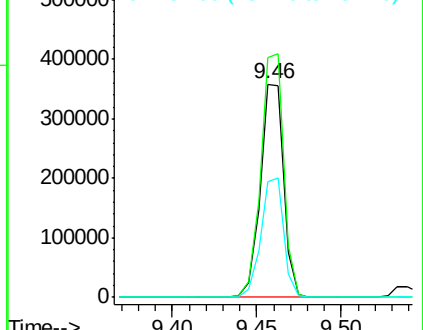
152 54.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.424 ng

RT: 9.40 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

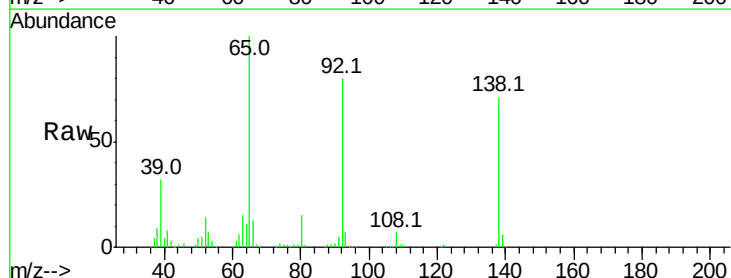
Tgt Ion:138 Resp: 120899

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

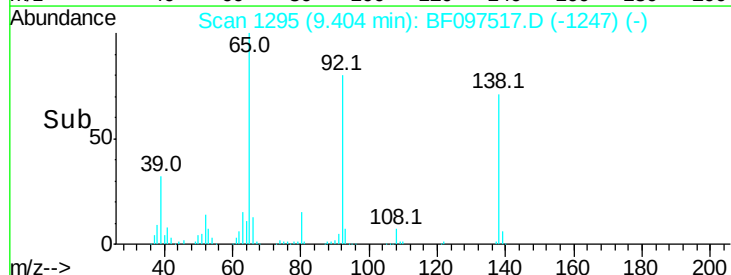
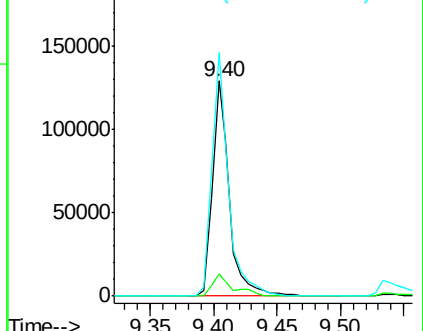
92 113.2 93.8 140.6

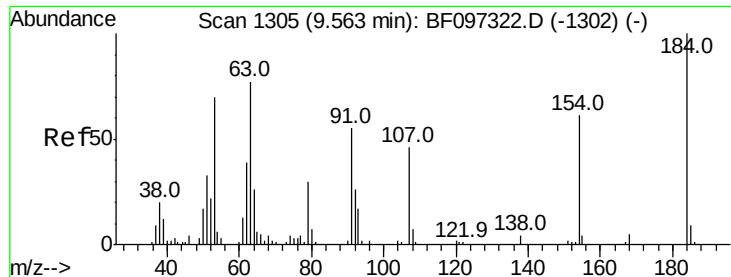


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

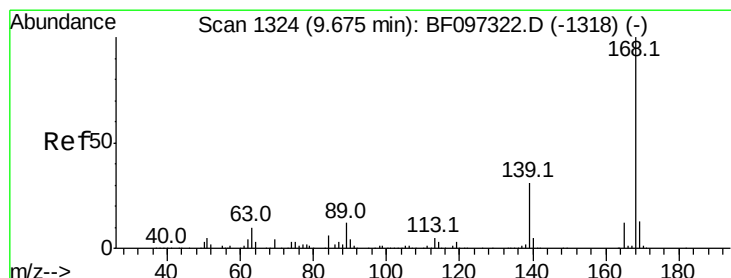
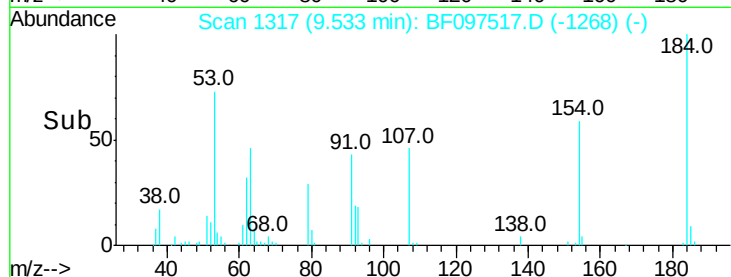
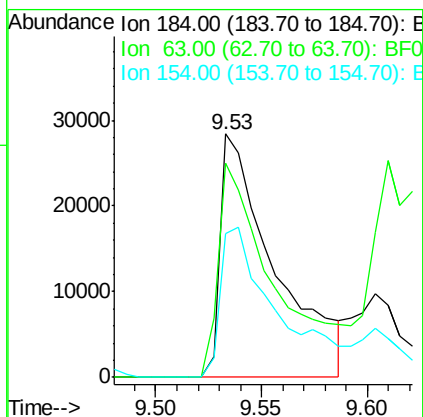
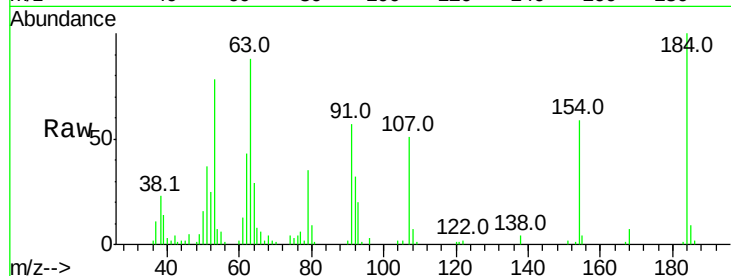




#53
 2,4-Dinitrophenol
 Concen: 47.505 ng
 RT: 9.53 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

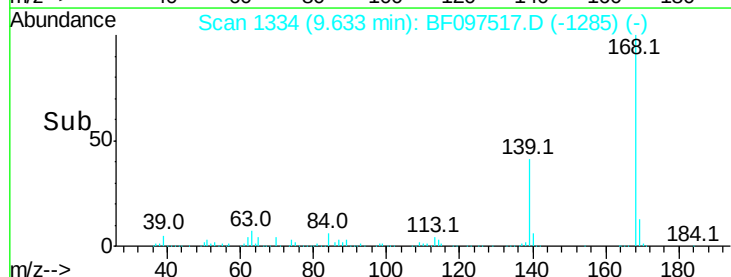
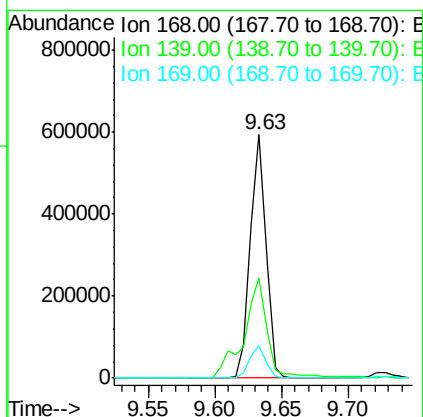
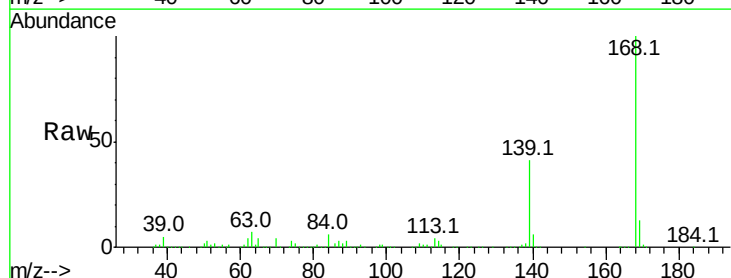
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

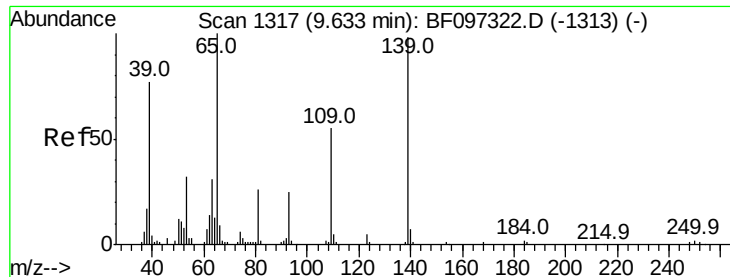
Tot Ion:184 Resp: 50788
 Ion Ratio Lower Upper
 184 100
 63 88.0 62.7 94.1
 154 59.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.317 ng
 RT: 9.63 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion:168 Resp: 478685
 Ion Ratio Lower Upper
 168 100
 139 41.2 30.6 45.8
 169 13.2 10.8 16.2





#55

4-Nitrophenol

Concen: 174.951 ng

RT: 9.63 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

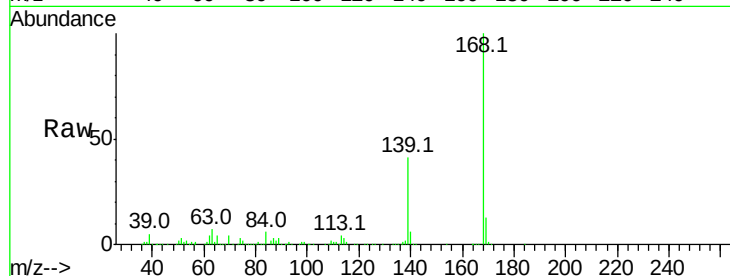
Tot Ion:139 Resp: 303652

Ion Ratio Lower Upper

139 100

109 5.4 34.1 74.1#

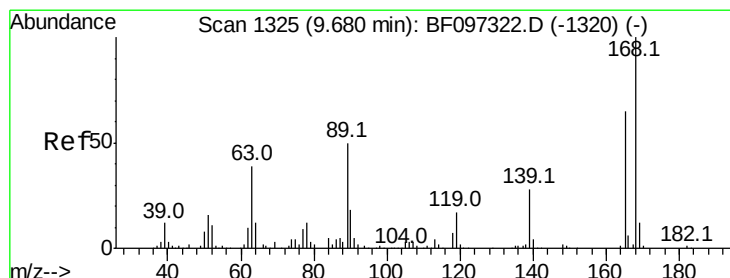
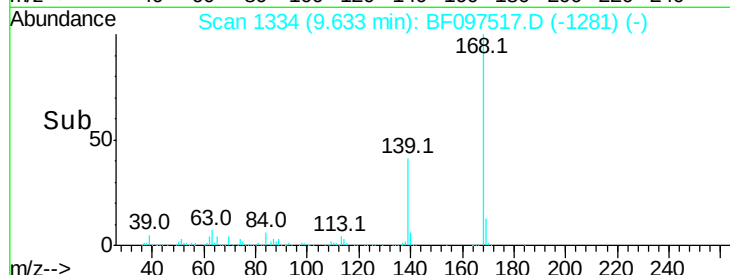
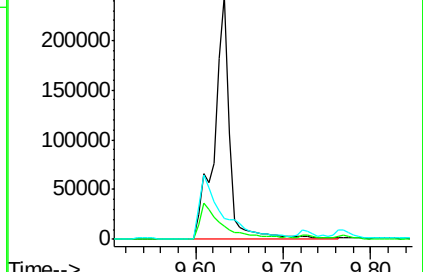
65 8.6 31.4 71.4#



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



#56

2,4-Dinitrotoluene

Concen: 47.245 ng

RT: 9.65 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Tgt Ion:165 Resp: 127706

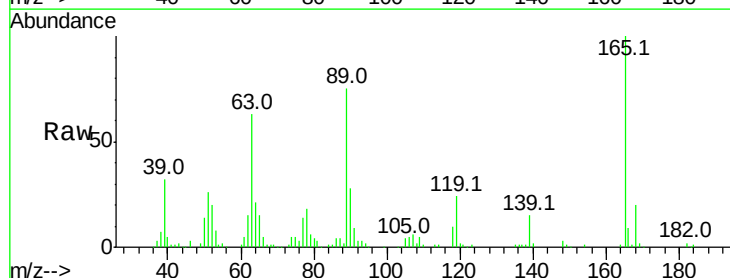
Ion Ratio Lower Upper

165 100

63 62.7 25.4 38.0#

89 74.5 46.4 69.6#

182 1.9 1.8 2.6

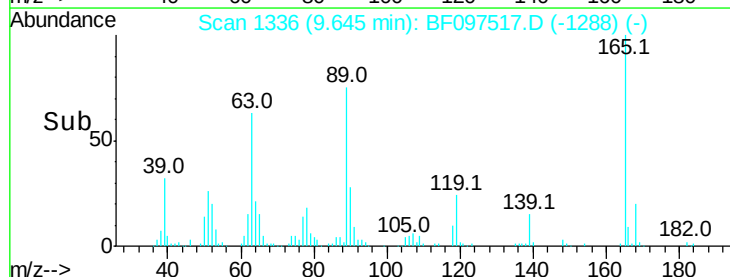
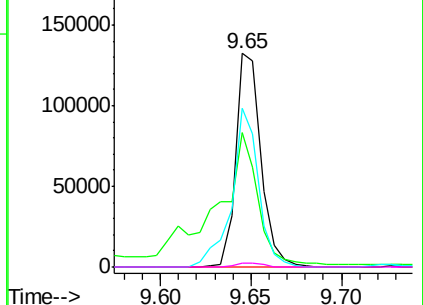


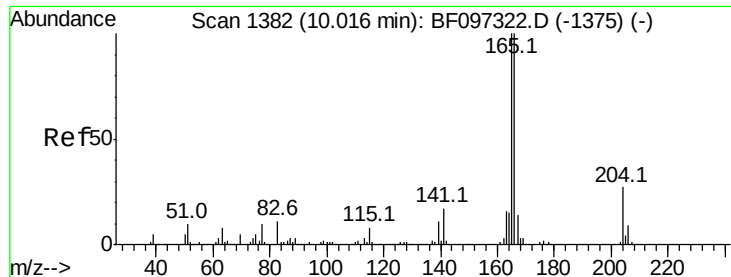
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

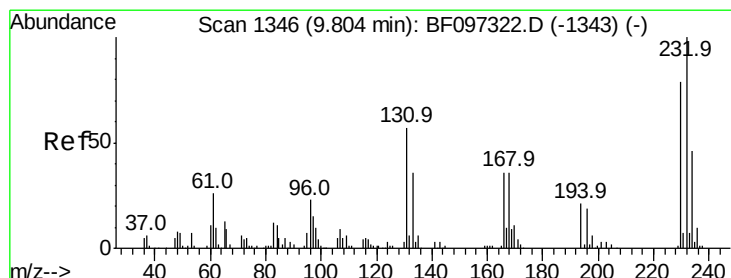
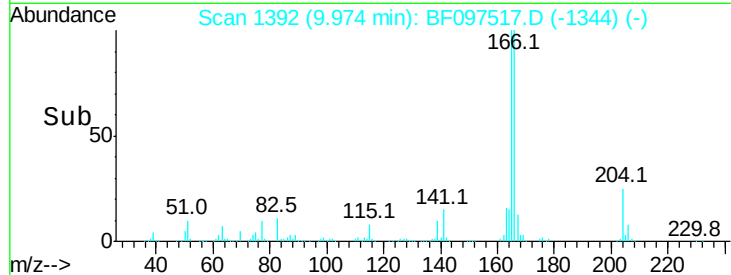
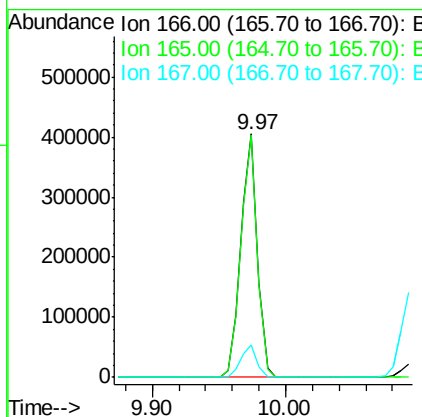
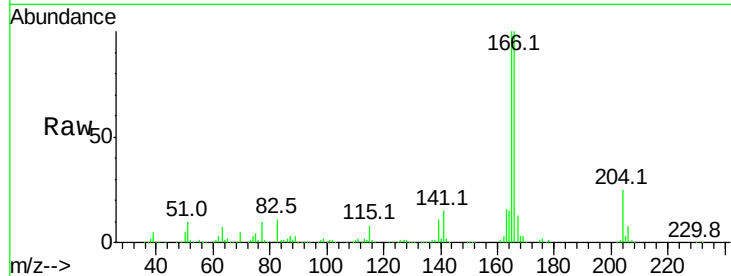




#57
 Fluorene
 Concen: 41.988 ng
 RT: 9.97 min Scan# 1392
 Delta R.T. -0.02 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

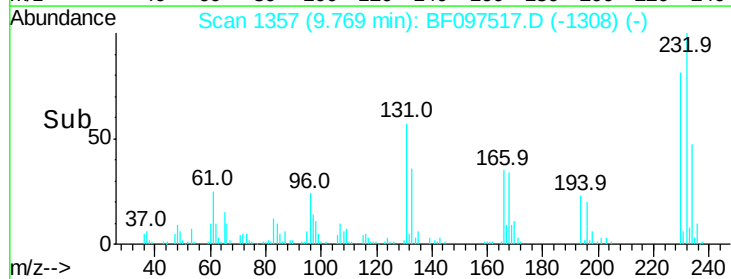
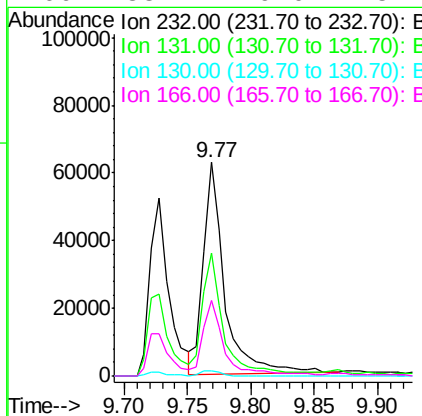
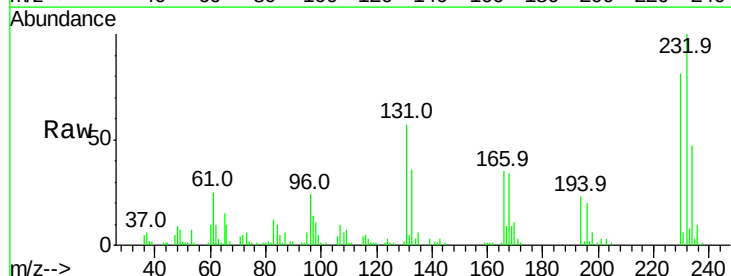
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

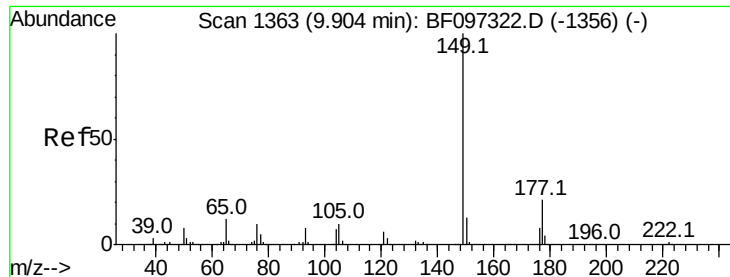
Tot Ion:166 Resp: 348744
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.634 ng
 RT: 9.77 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion:232 Resp: 73421
 Ion Ratio Lower Upper
 232 100
 131 54.0 44.8 67.2
 130 2.3 2.3 3.5#
 166 33.4 29.0 43.4

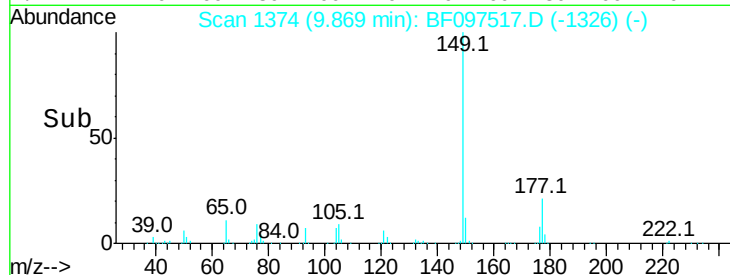
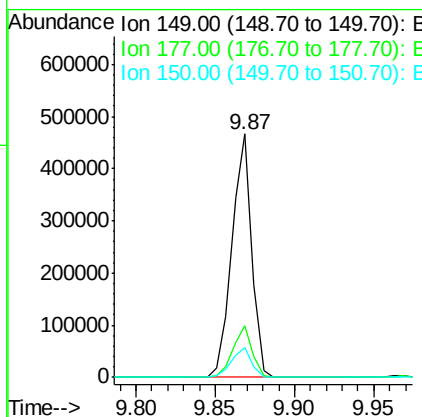
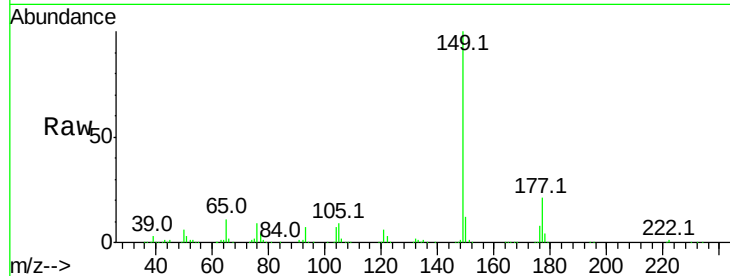




#59
Diethylphthalate
Concen: 39.671 ng
RT: 9.87 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF097517.D
Acq: 9 Aug 2017 15:59

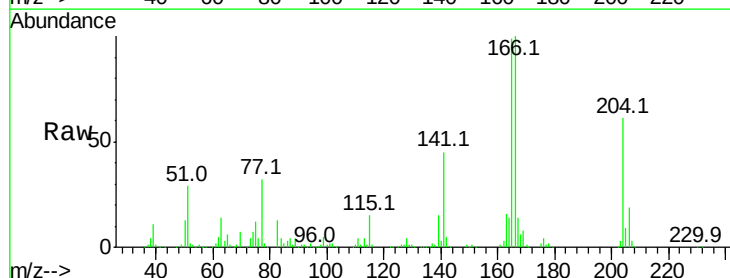
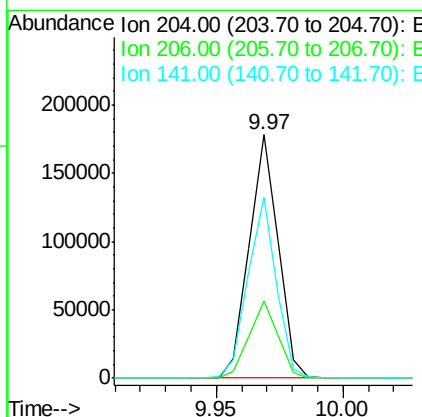
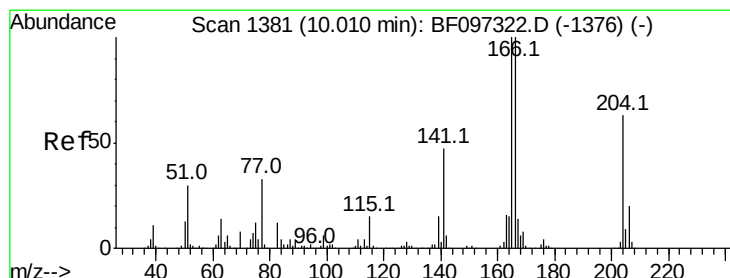
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

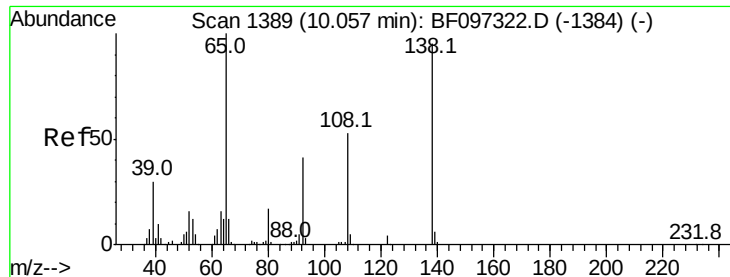
Tot Ion:149 Resp: 403497
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.490 ng
RT: 9.97 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF097517.D
Acq: 9 Aug 2017 15:59

Tgt Ion:204 Resp: 142302
Ion Ratio Lower Upper
204 100
206 31.5 26.2 39.2
141 74.1 60.8 91.2





#61

4-Nitroaniline

Concen: 35.674 ng

RT: 10.02 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

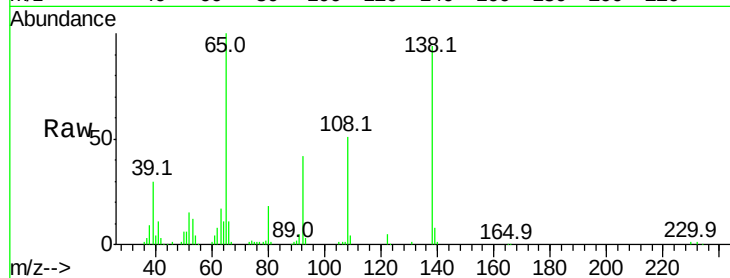
Tot Ion:138 Resp: 98932

Ion Ratio Lower Upper

138 100

92 44.3 21.8 61.8

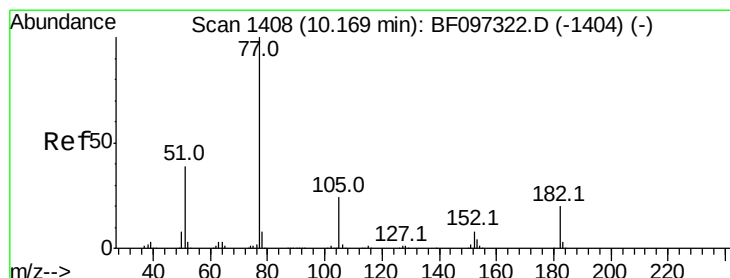
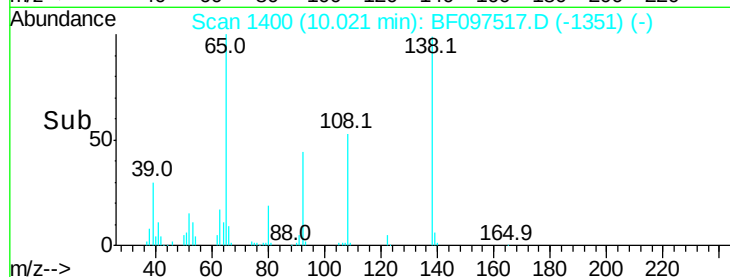
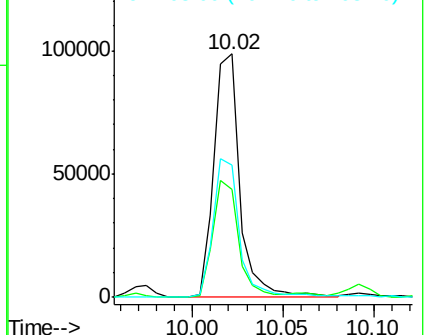
108 54.3 42.3 82.3



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: 38.543 ng

RT: 10.13 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Tgt Ion: 77 Resp: 363675

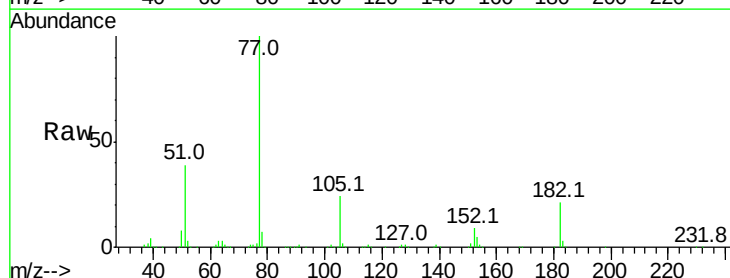
Ion Ratio Lower Upper

77 100

182 21.0 0.1 40.1

105 23.7 3.6 43.6

51 38.8 9.4 49.4

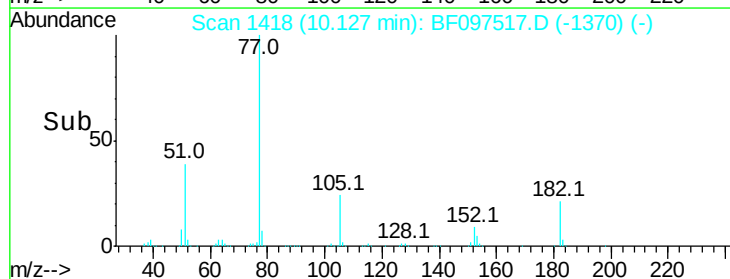
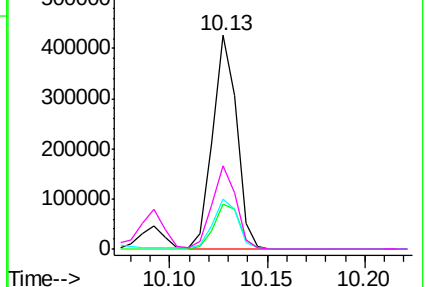


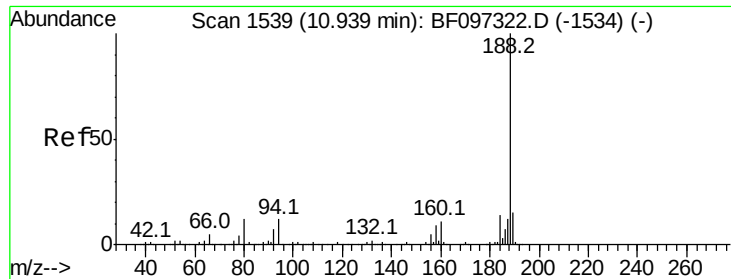
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 20.000 ng

RT: 10.90 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

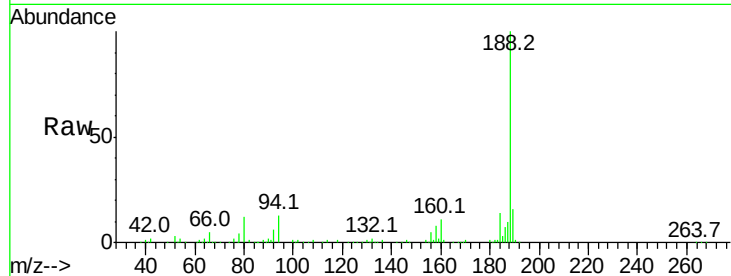
Tot Ion:188 Resp: 219082

Ion Ratio Lower Upper

188 100

94 12.6 9.4 14.2

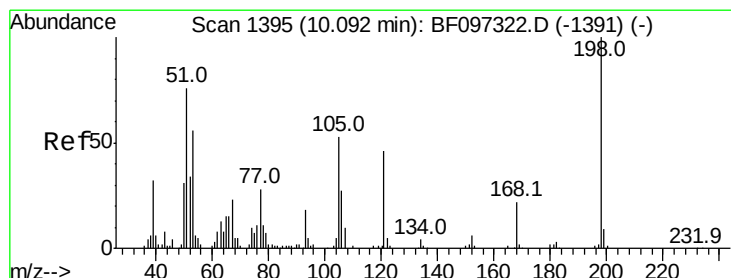
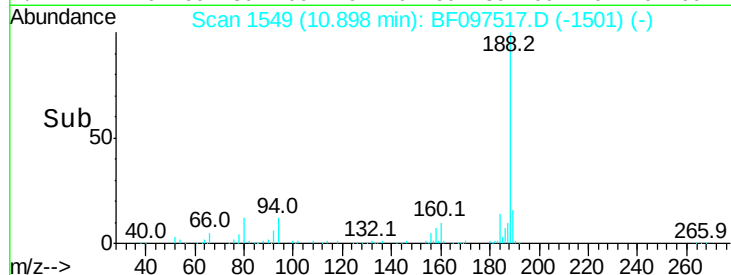
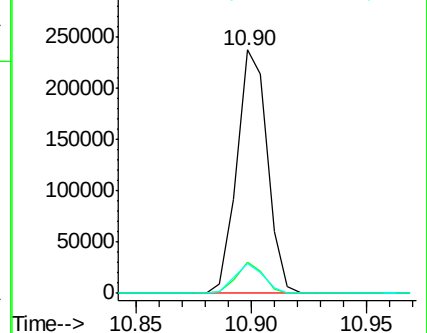
80 12.2 10.2 15.2



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: 41.317 ng

RT: 10.06 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

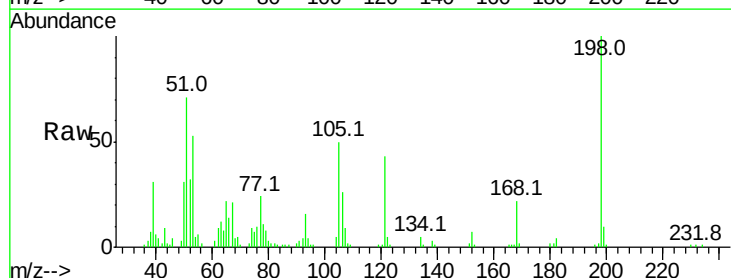
Tgt Ion:198 Resp: 56247

Ion Ratio Lower Upper

198 100

51 71.3 53.2 93.2

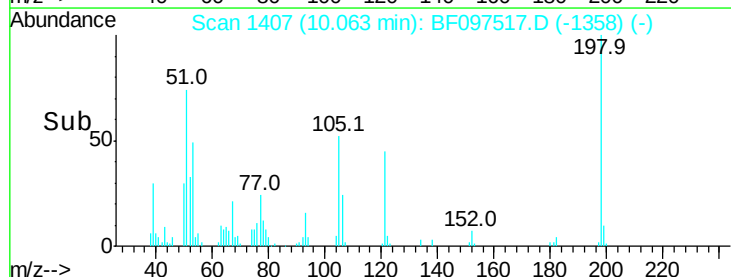
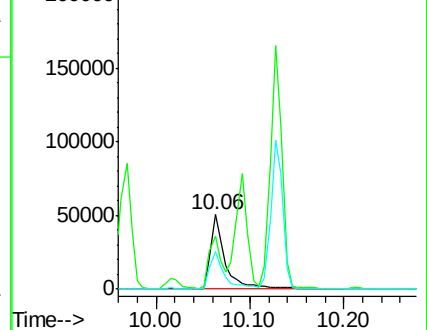
105 49.8 45.8 85.8

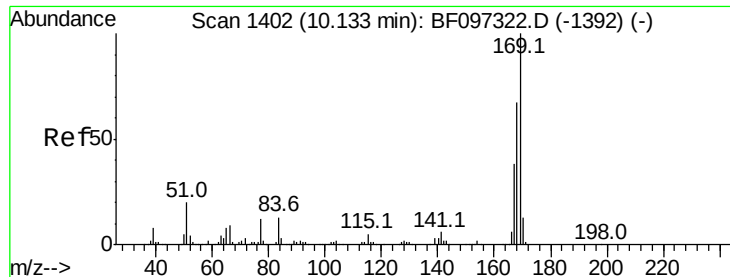


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.900 ng

RT: 10.09 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

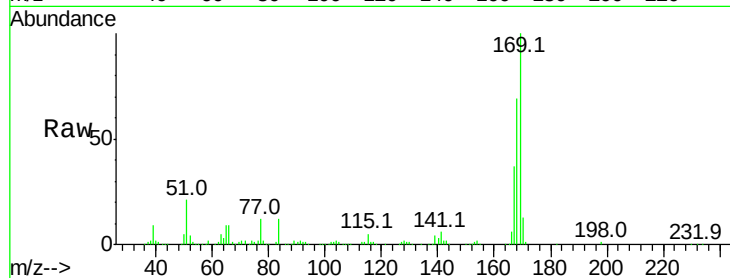
Tot Ion:169 Resp: 319391

Ion Ratio Lower Upper

169 100

168 69.3 53.2 79.8

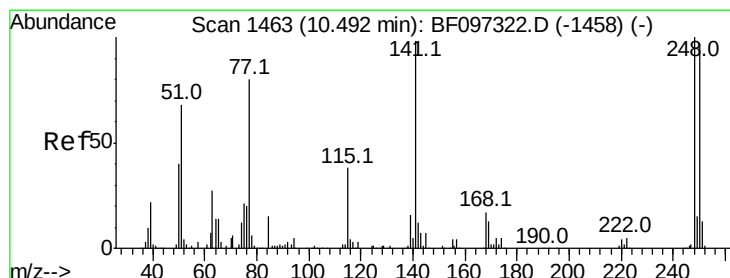
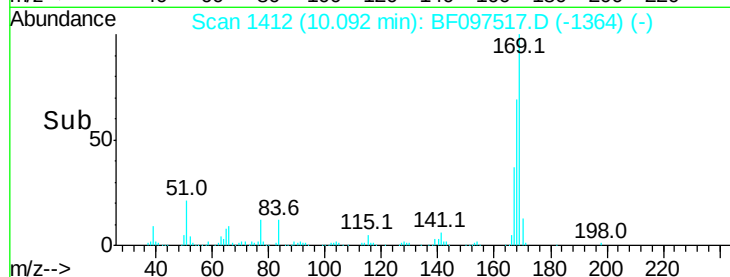
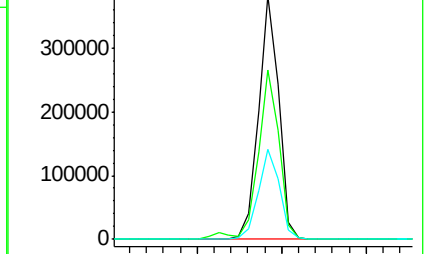
167 37.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.754 ng

RT: 10.45 min Scan# 1473

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

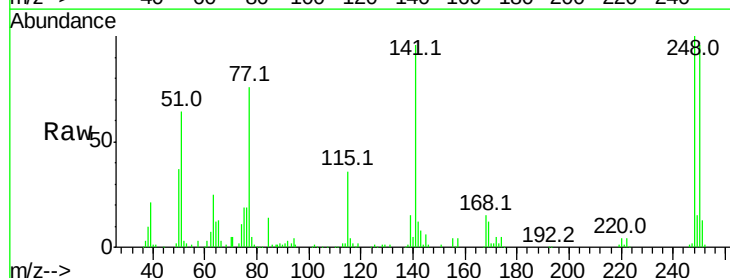
Tgt Ion:248 Resp: 95663

Ion Ratio Lower Upper

248 100

250 95.9 76.8 115.2

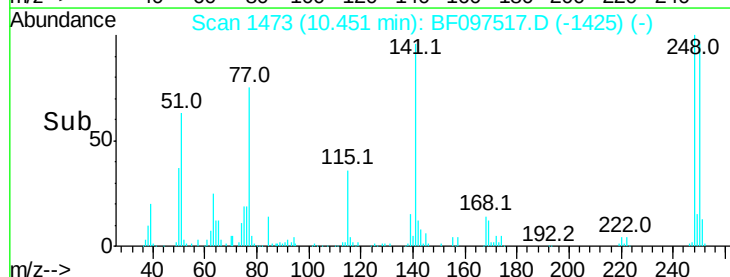
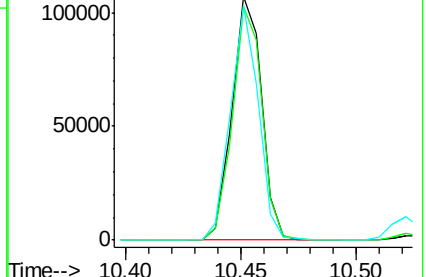
141 96.4 68.6 103.0

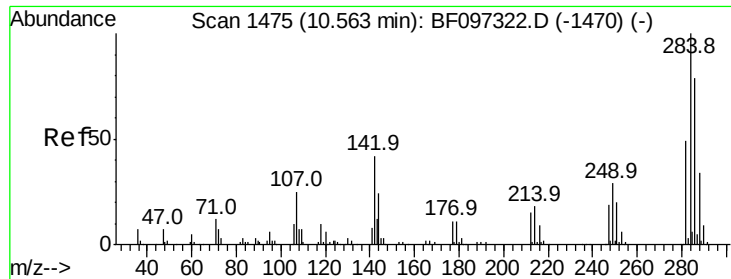


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

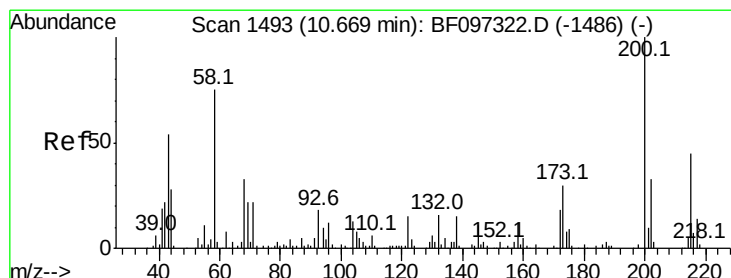
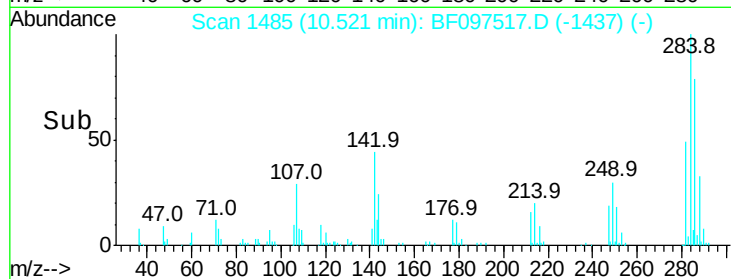
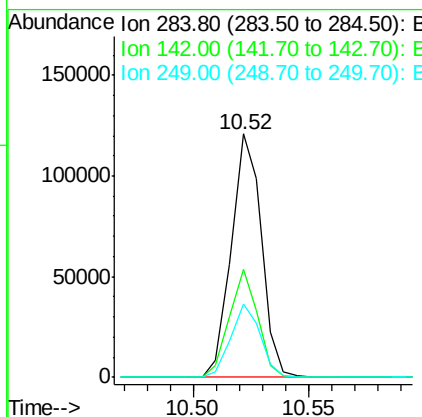
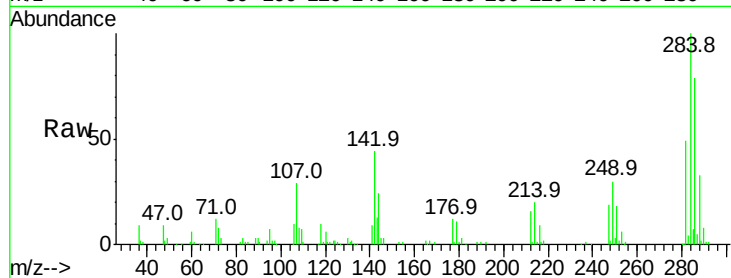




#67
Hexachlorobenzene
Concen: 44.843 ng
RT: 10.52 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BF097517.D
Acq: 9 Aug 2017 15:59

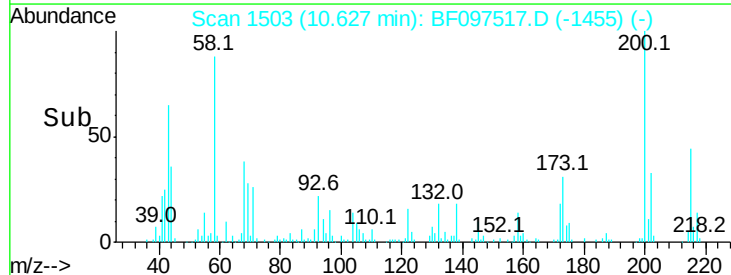
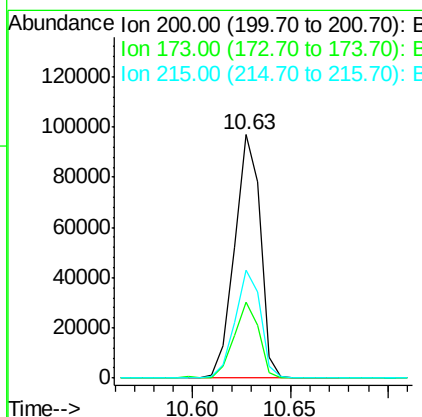
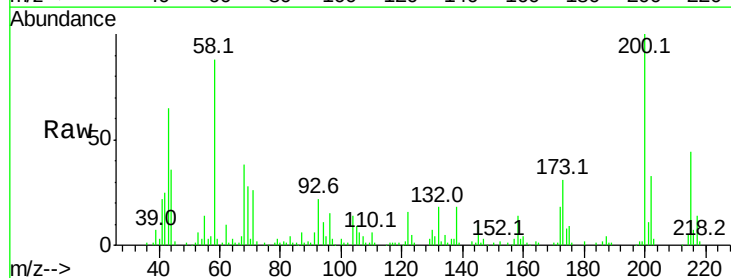
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

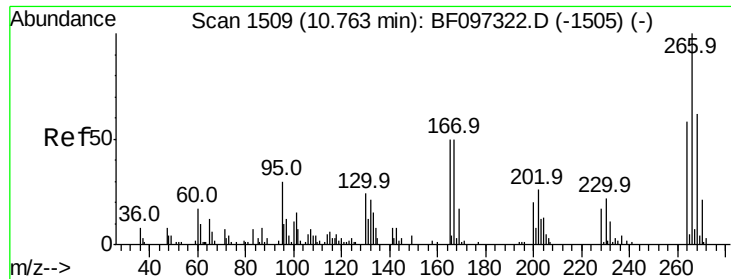
Tot Ion:284 Resp: 109946
Ion Ratio Lower Upper
284 100
142 44.1 22.8 34.2#
249 30.4 24.0 36.0



#68
Atrazine
Concen: 40.596 ng
RT: 10.63 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF097517.D
Acq: 9 Aug 2017 15:59

Tgt Ion:200 Resp: 88736
Ion Ratio Lower Upper
200 100
173 31.0 6.3 46.3
215 44.2 27.2 67.2

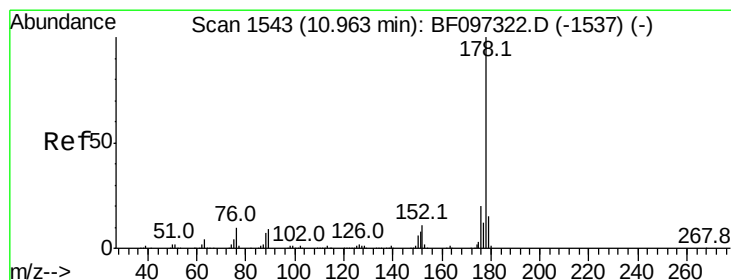
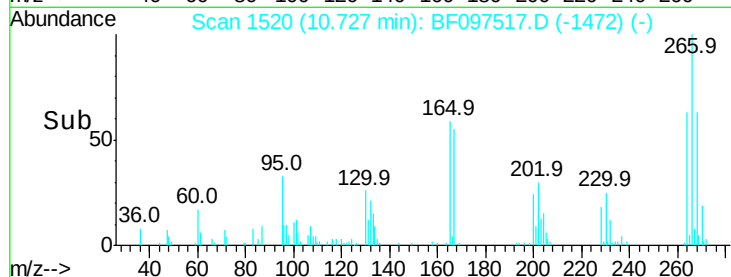
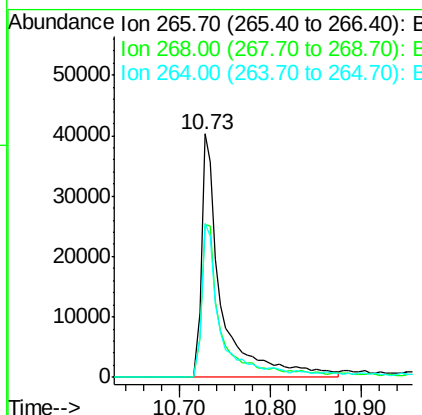
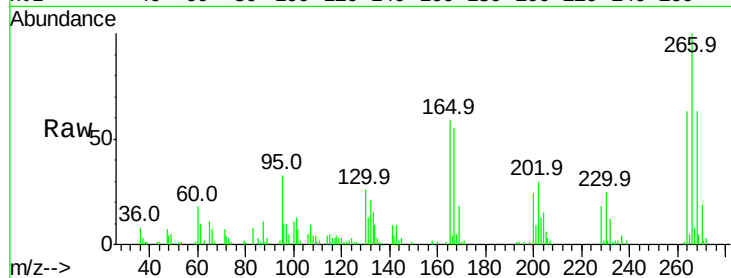




#69
 Pentachlorophenol
 Concen: 61.249 ng
 RT: 10.73 min Scan# 1520
 Delta R.T. -0.02 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

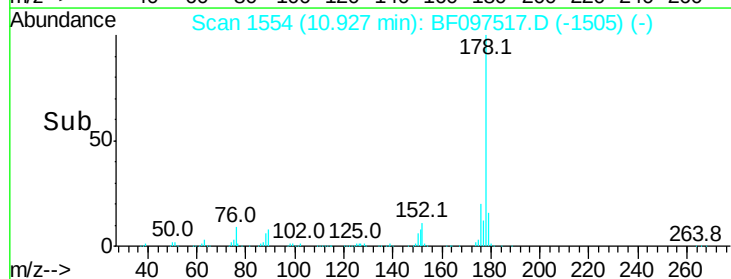
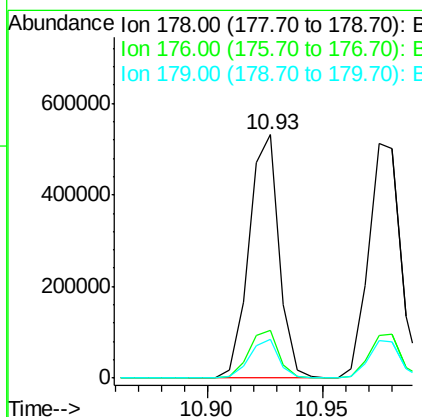
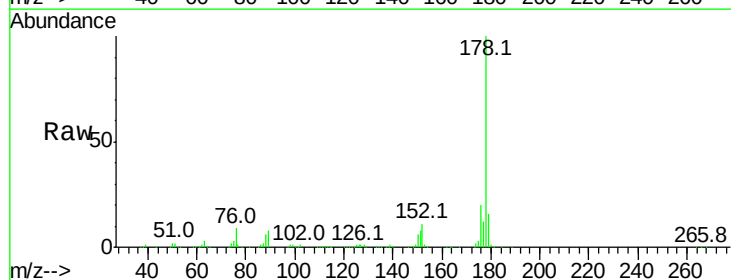
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

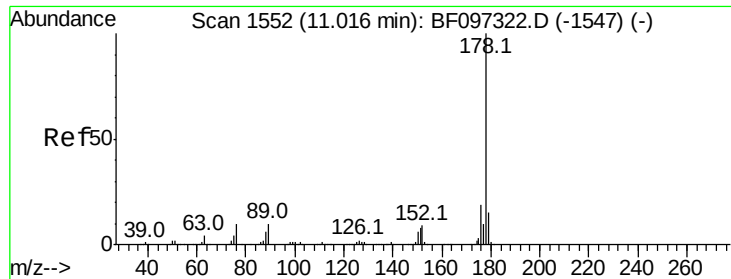
Tot Ion:266 Resp: 62134
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 63.3 51.7 77.5



#70
 Phenanthrene
 Concen: 41.093 ng
 RT: 10.93 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion:178 Resp: 482369
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.7 12.6 19.0

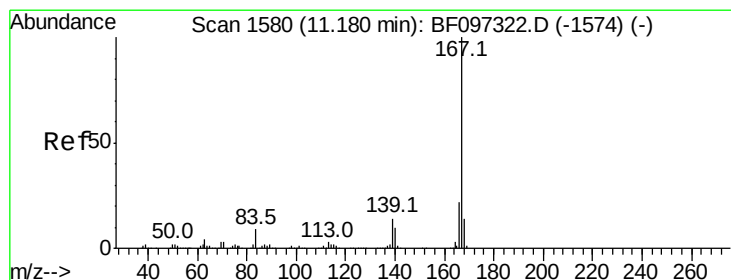
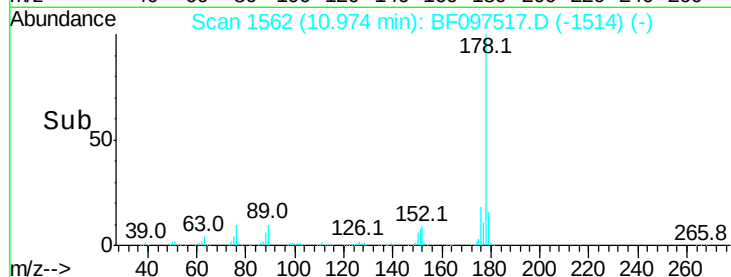
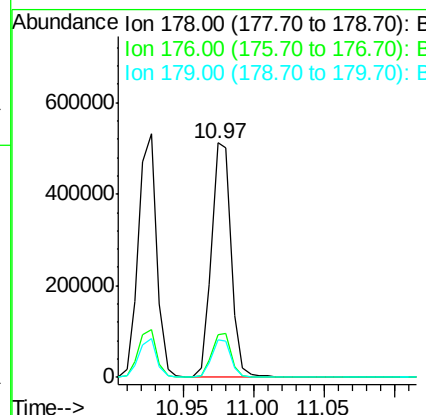
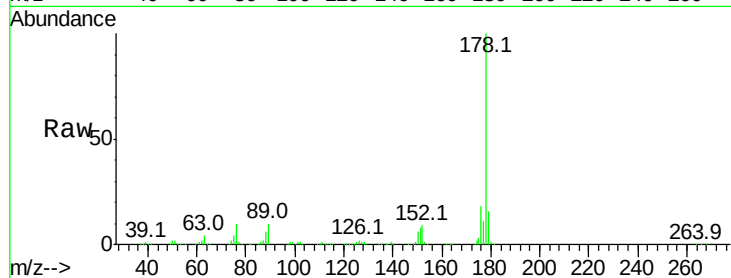




#71
 Anthracene
 Concen: 41.292 ng
 RT: 10.97 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

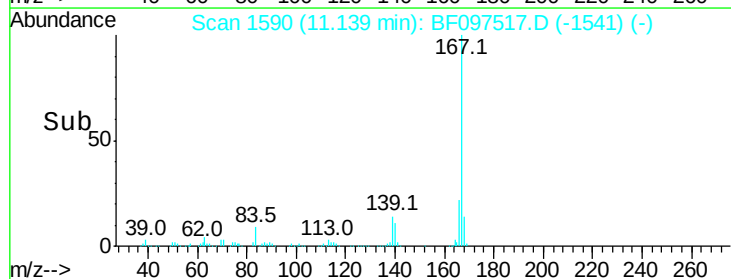
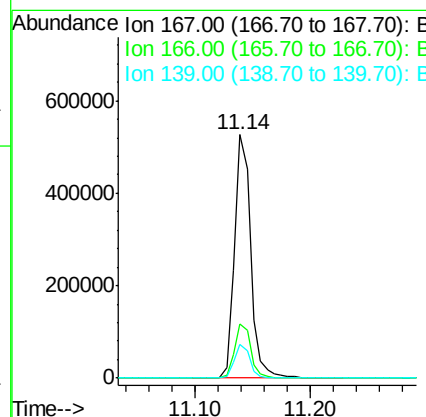
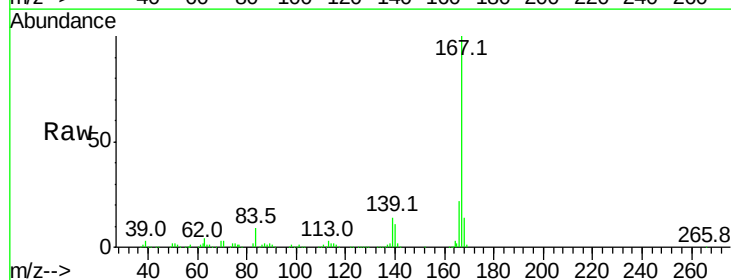
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

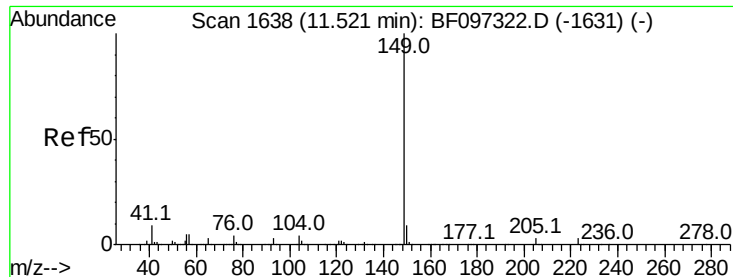
Tot Ion:178 Resp: 496439
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 43.108 ng
 RT: 11.14 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion:167 Resp: 509718
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 14.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.342 ng

RT: 11.48 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

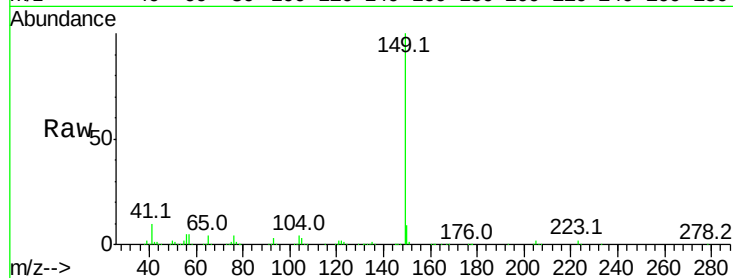
Tot Ion:149 Resp: 589638

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

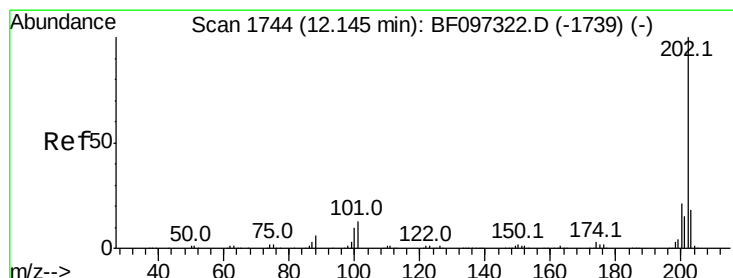
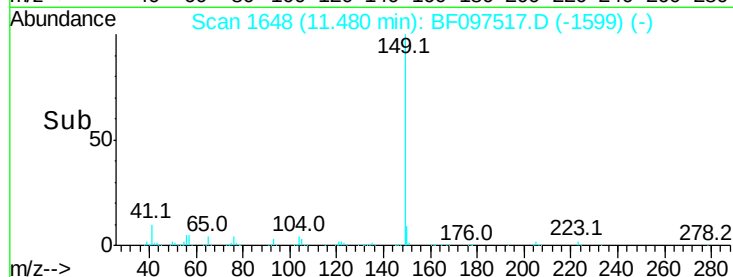
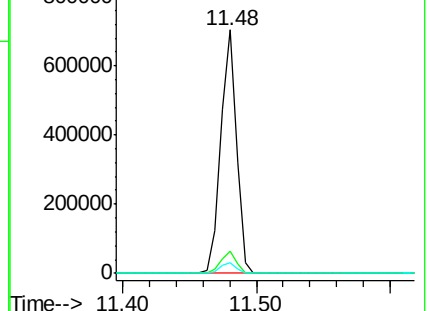
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.672 ng

RT: 12.10 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

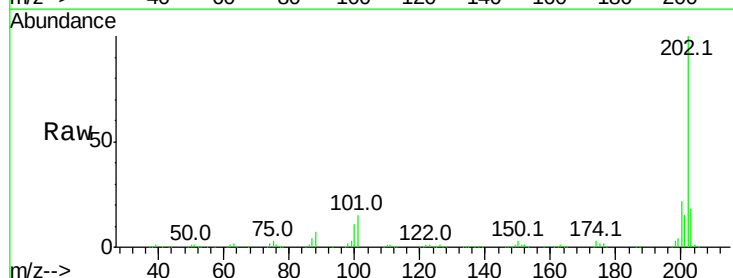
Tgt Ion:202 Resp: 490713

Ion Ratio Lower Upper

202 100

101 14.6 0.0 33.2

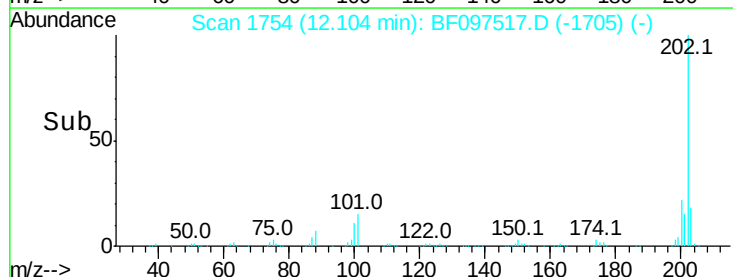
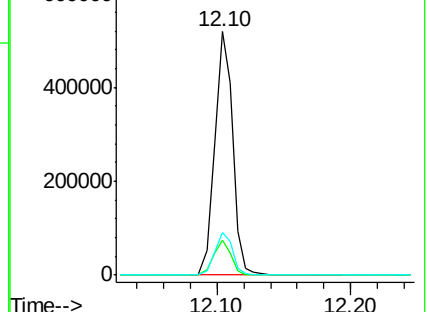
203 17.6 0.0 38.1

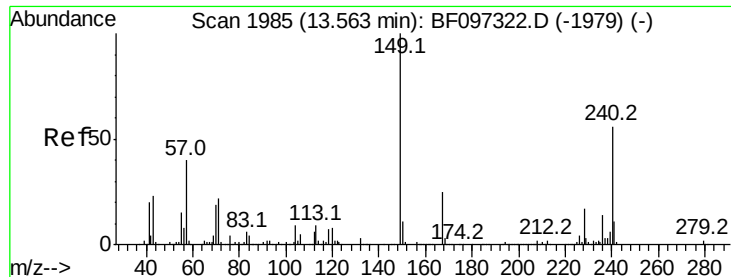


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

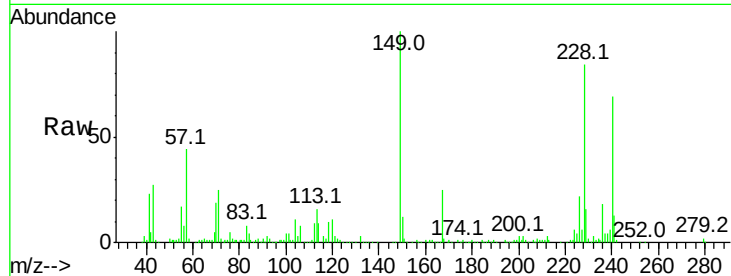
Tot Ion:240 Resp: 127746

Ion Ratio Lower Upper

240 100

120 16.4 5.8 8.8#

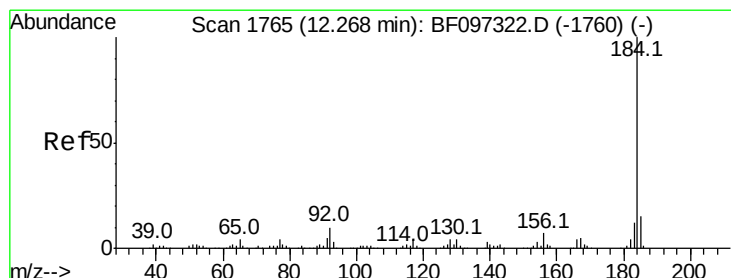
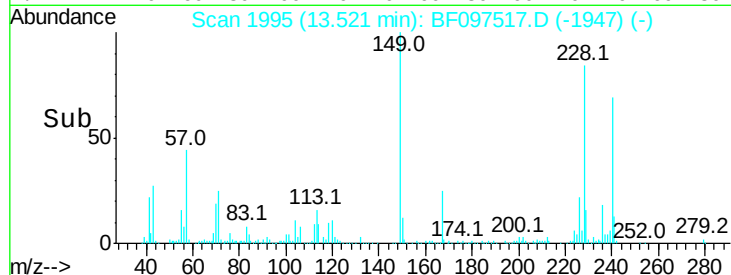
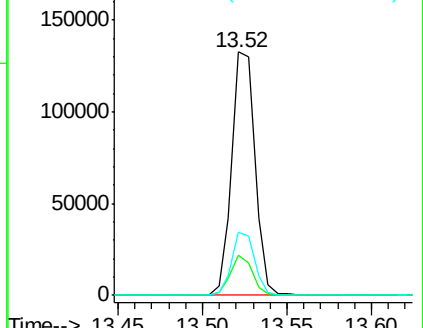
236 25.7 20.5 30.7



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: 27.673 ng

RT: 12.24 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

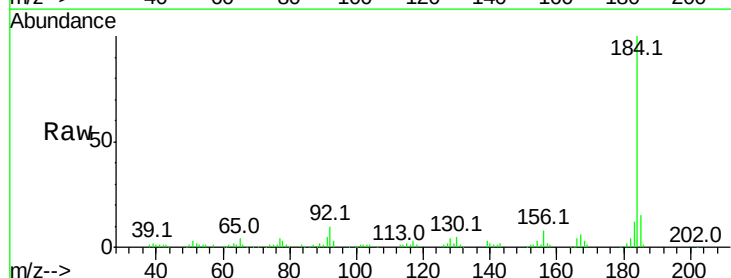
Tgt Ion:184 Resp: 131172

Ion Ratio Lower Upper

184 100

185 14.9 15.5 23.3#

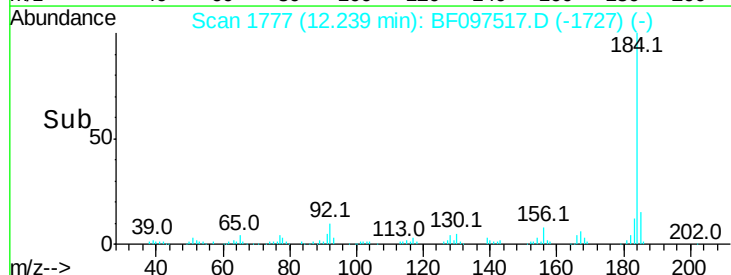
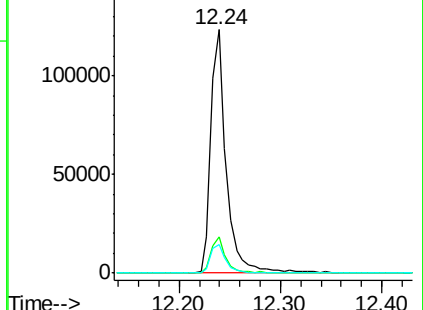
183 11.7 9.8 14.6

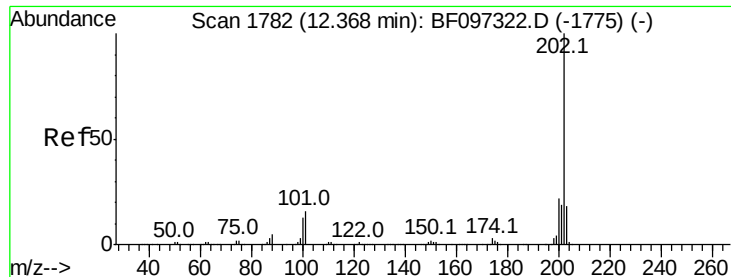


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.194 ng

RT: 12.33 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

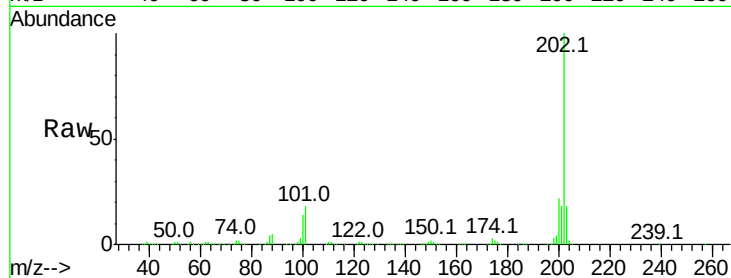
Tot Ion:202 Resp: 493559

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

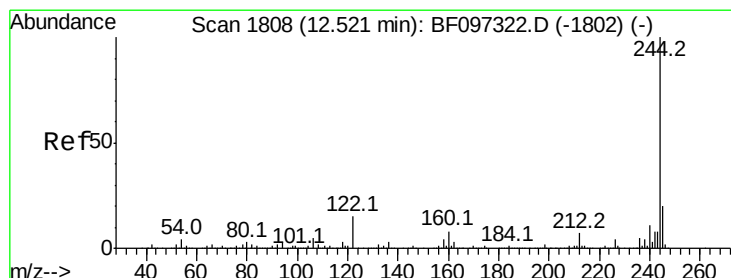
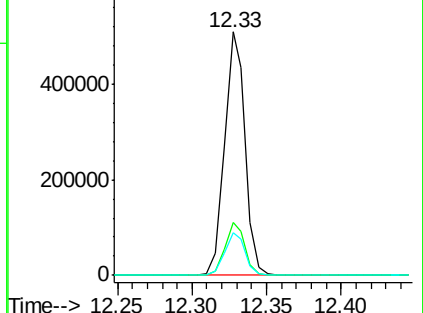
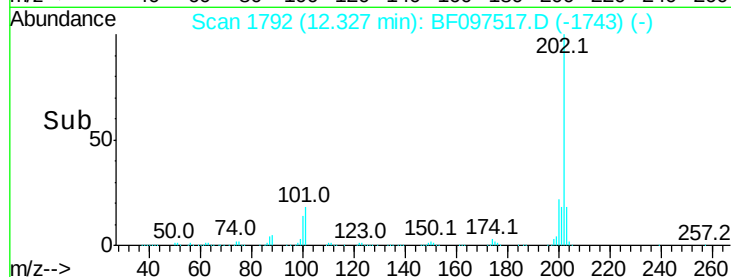
203 17.7 14.4 21.6



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: 94.262 ng

RT: 12.48 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

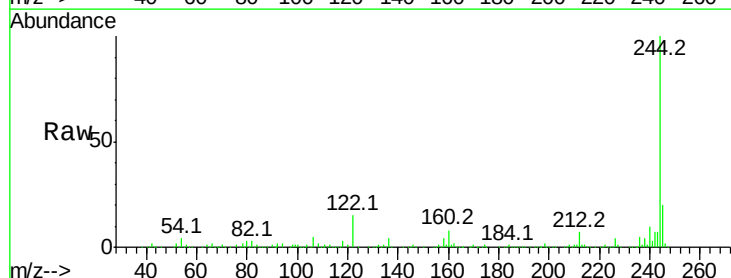
Tgt Ion:244 Resp: 590604

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

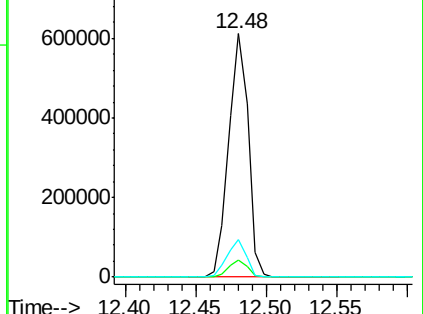
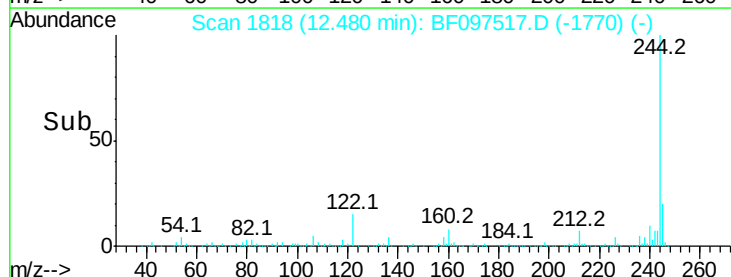
122 15.4 10.3 15.5

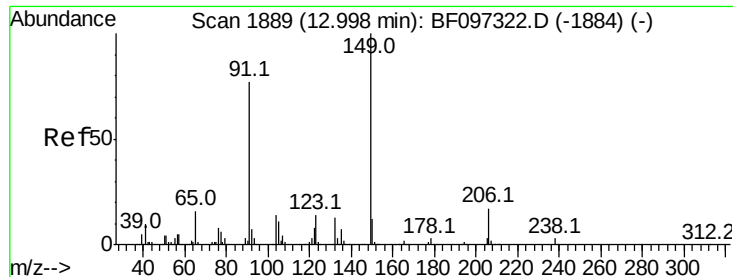


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

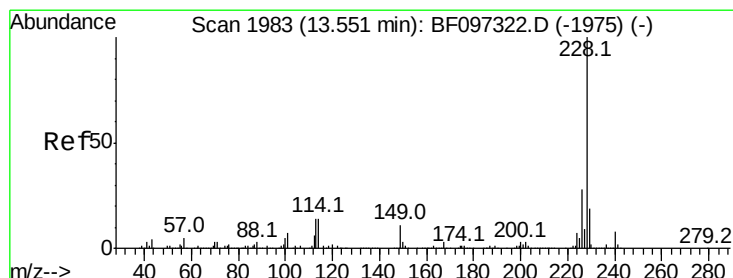
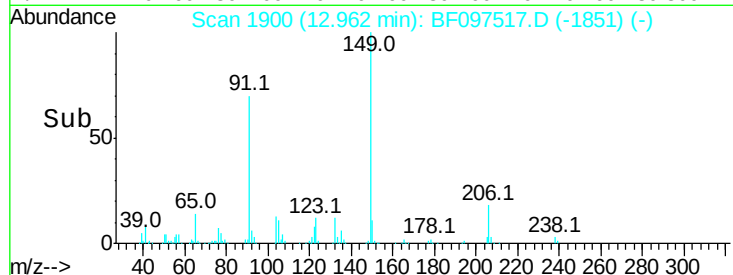
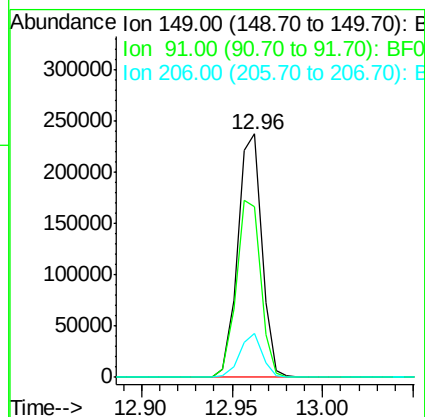
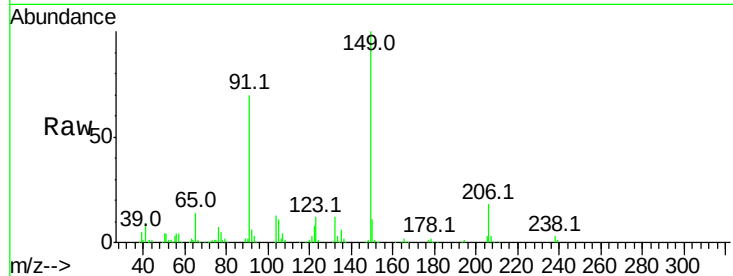




#79
Butylbenzylphthalate
Concen: 41.425 ng
RT: 12.96 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF097517.D
Acq: 9 Aug 2017 15:59

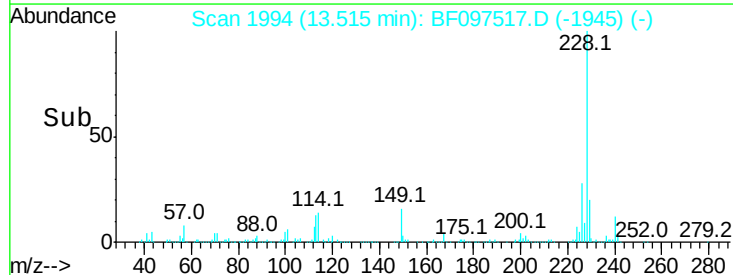
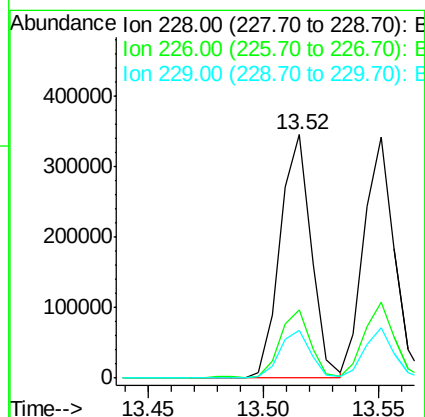
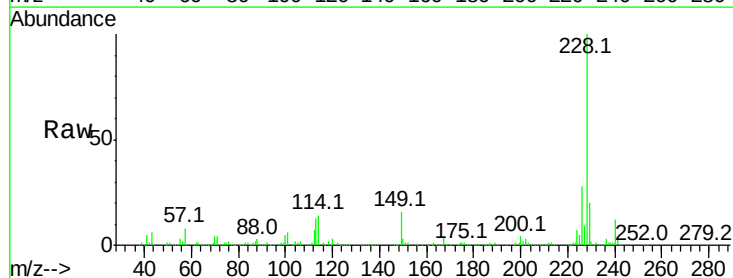
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

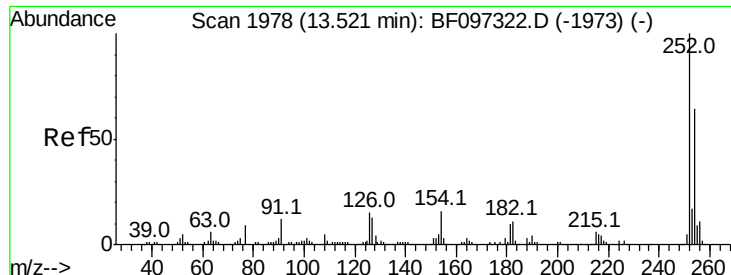
Tot Ion:149 Resp: 220371
Ion Ratio Lower Upper
149 100
91 70.2 45.0 67.4#
206 18.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 38.855 ng
RT: 13.52 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097517.D
Acq: 9 Aug 2017 15:59

Tgt Ion:228 Resp: 321162
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.6 16.3 24.5

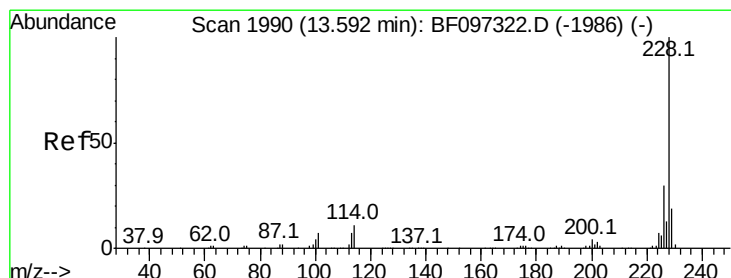
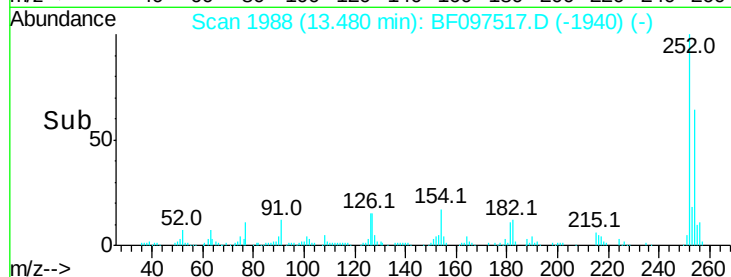
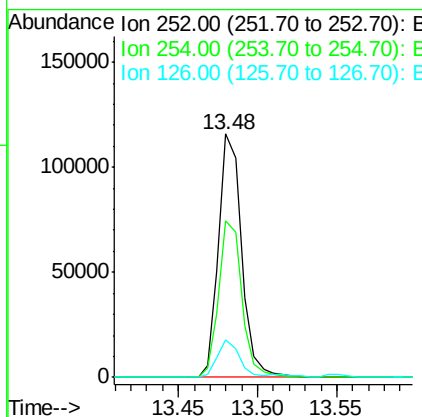
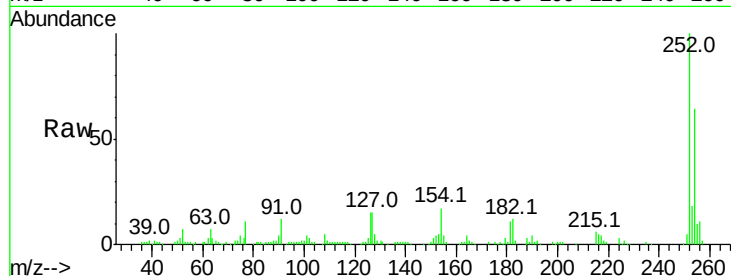




#81
 3,3'-Dichlorobenzidine
 Concen: 37.572 ng
 RT: 13.48 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

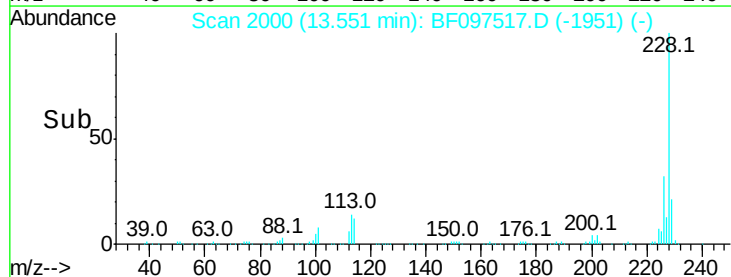
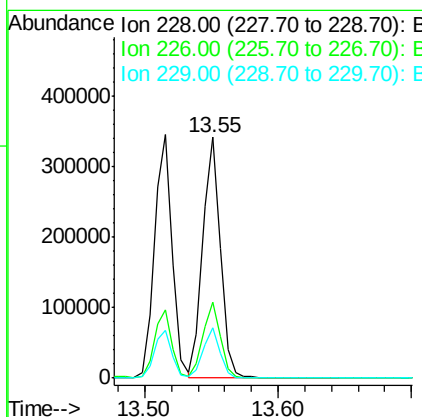
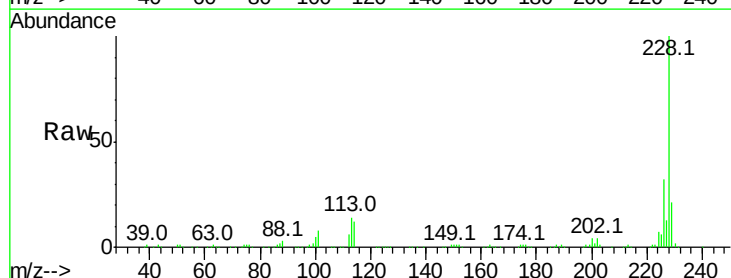
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

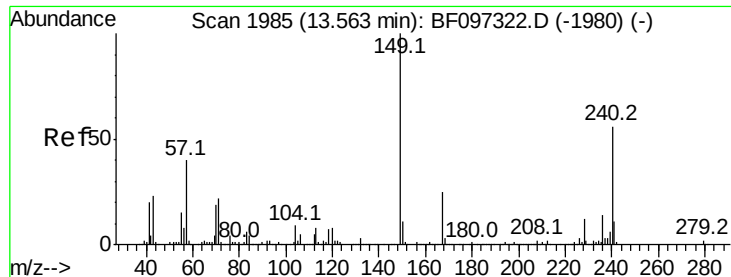
Tot Ion:252 Resp: 117114
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.5 77.3
 126 15.4 15.8 23.8#



#82
 Chrysene
 Concen: 39.017 ng
 RT: 13.55 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion:228 Resp: 314916
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 20.8 15.8 23.6

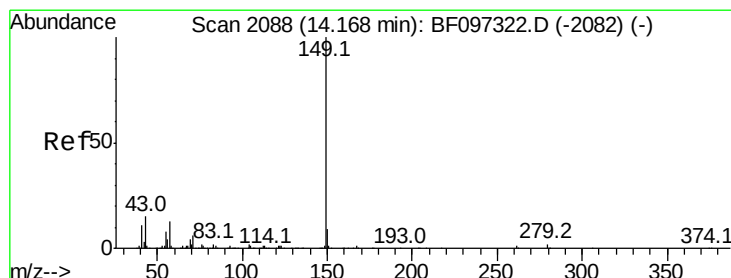
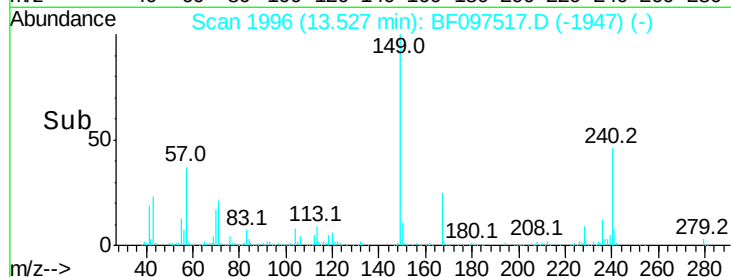
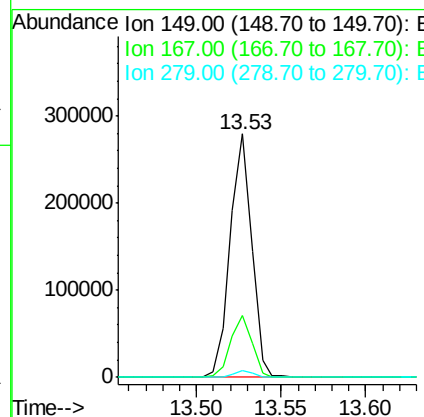
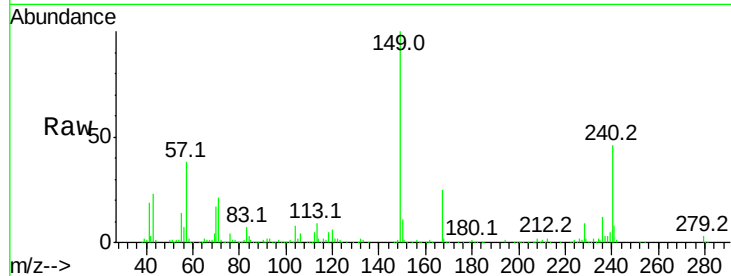




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.861 ng
 RT: 13.53 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

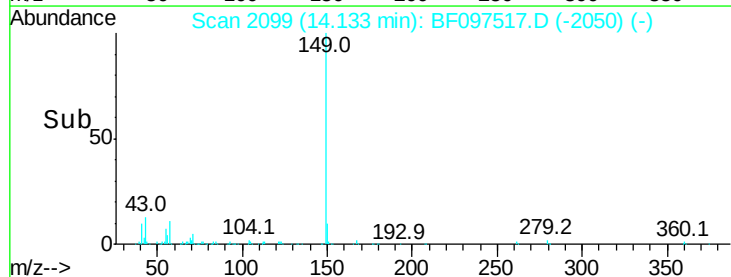
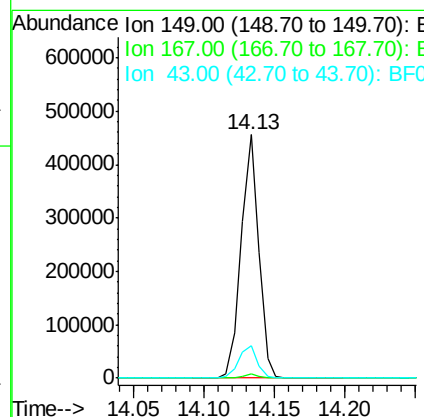
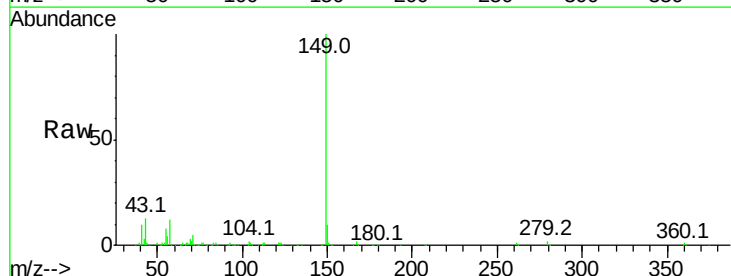
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

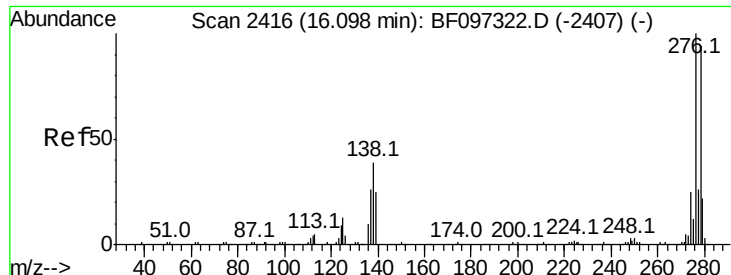
Tot Ion:149 Resp: 249081
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.0 31.4
 279 2.7 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 31.115 ng
 RT: 14.13 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion:149 Resp: 396602
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.6 8.5 12.7#

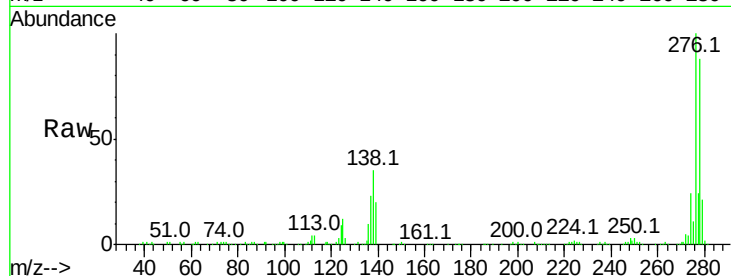




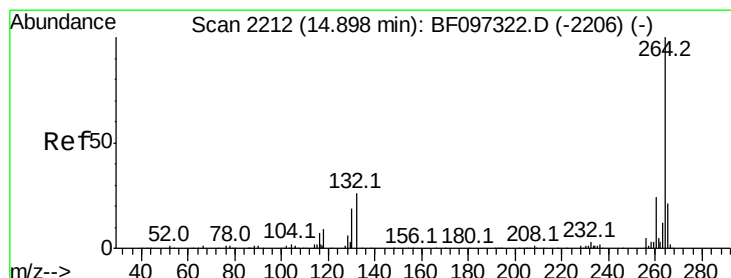
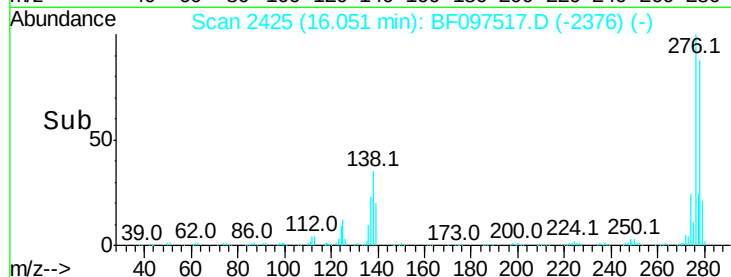
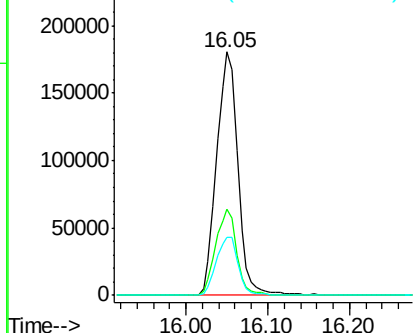
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.482 ng
 RT: 16.05 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	24.4	20.2	30.4

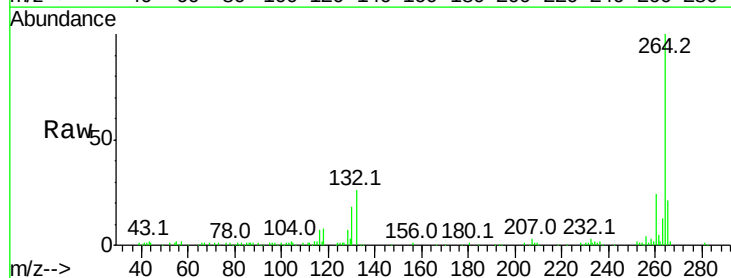


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

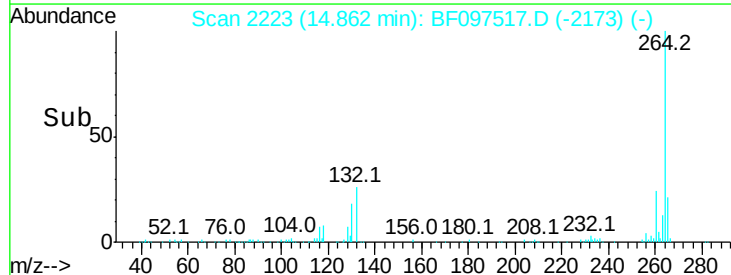
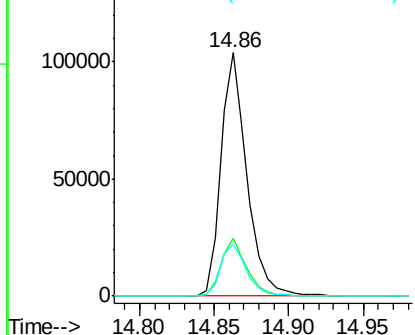


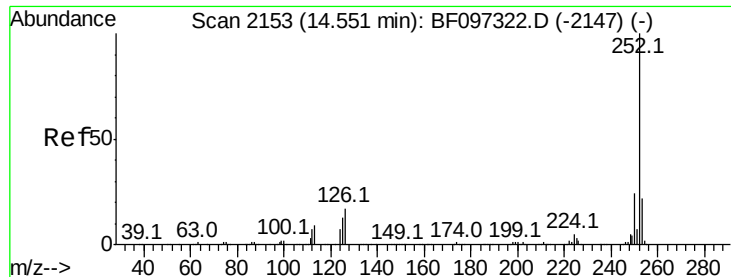
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097517.D
 Acq: 9 Aug 2017 15:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.4	17.2	25.8



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

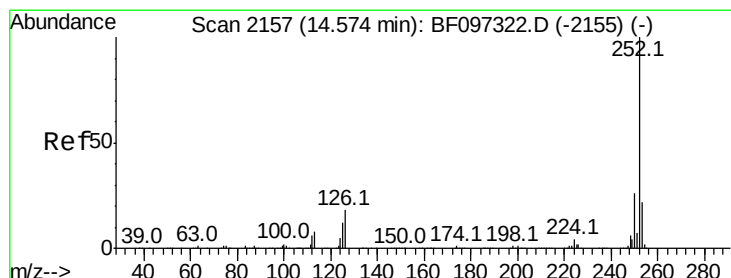
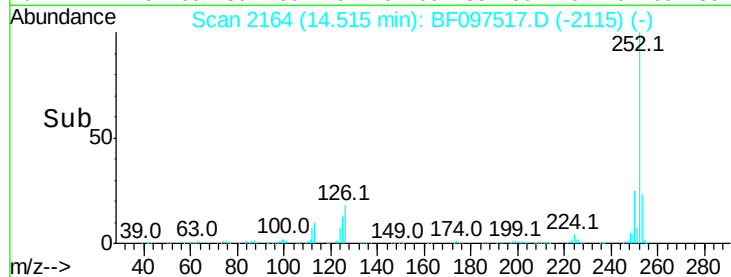
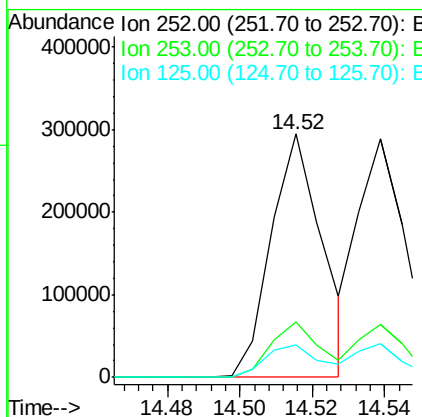
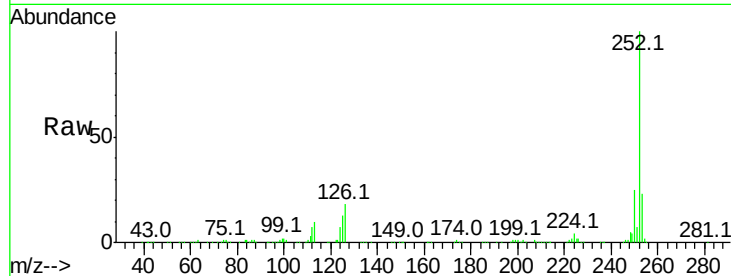




#87
Benzo(b)fluoranthene
Concen: 37.998 ng
RT: 14.52 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF097517.D
Acq: 9 Aug 2017 15:59

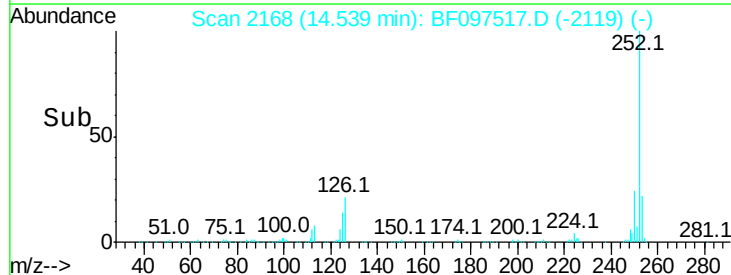
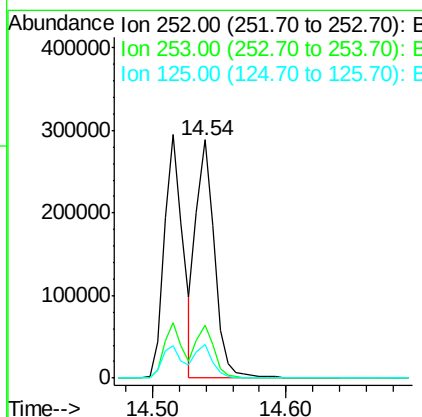
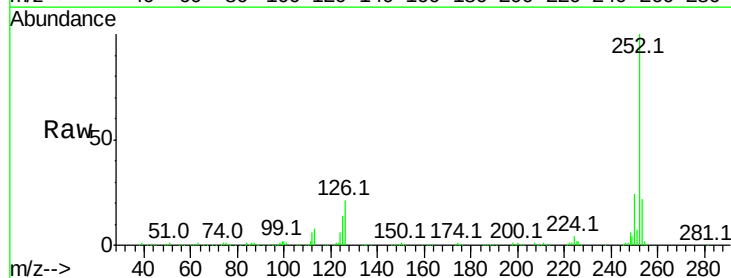
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

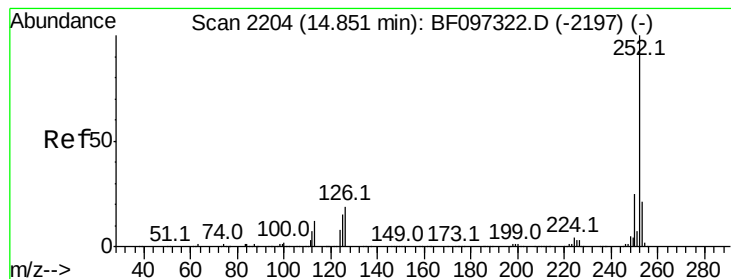
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	13.4	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 37.390 ng
RT: 14.54 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF097517.D
Acq: 9 Aug 2017 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	14.2	13.1	19.7





#89

Benzo(a)pyrene

Concen: 38.208 ng

RT: 14.82 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

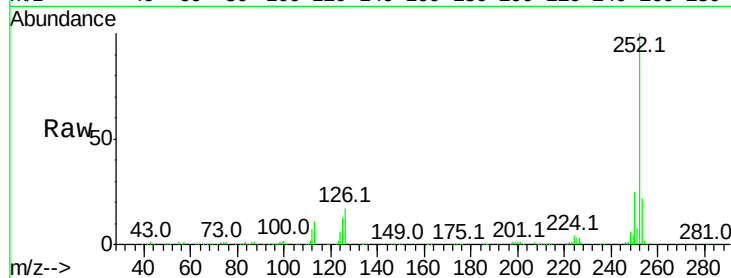
Tot Ion:252 Resp: 266925

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

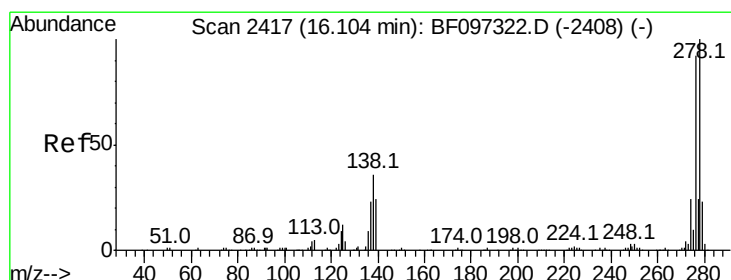
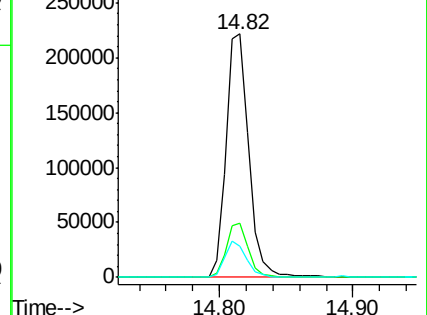
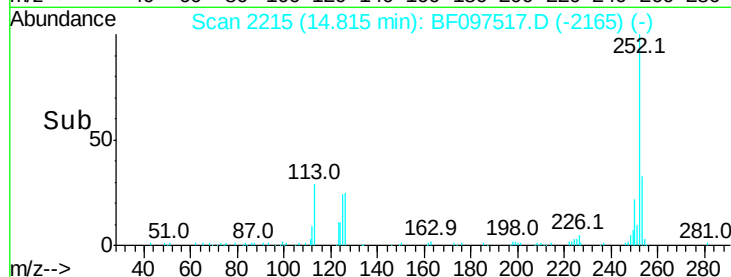
125 13.0 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 46.202 ng

RT: 16.05 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

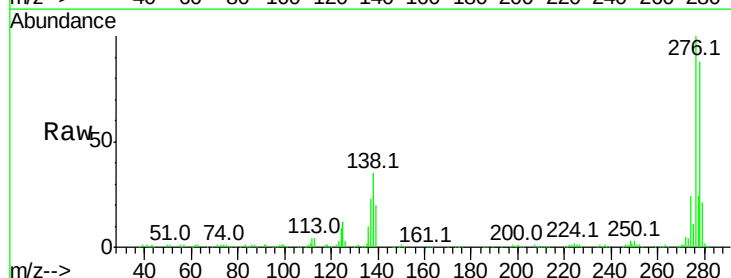
Tgt Ion:278 Resp: 264691

Ion Ratio Lower Upper

278 100

139 22.7 16.6 24.8

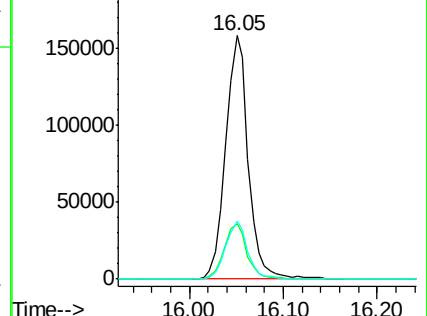
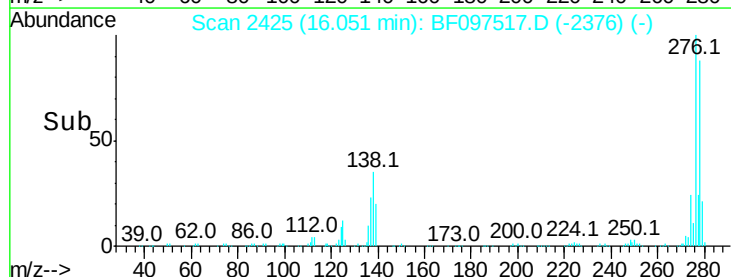
279 23.6 19.3 28.9

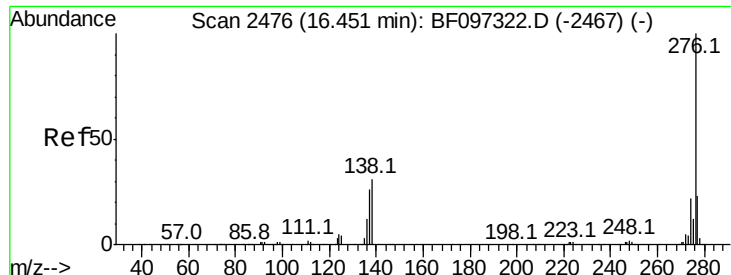


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.881 ng

RT: 16.40 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BF097517.D

Acq: 9 Aug 2017 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

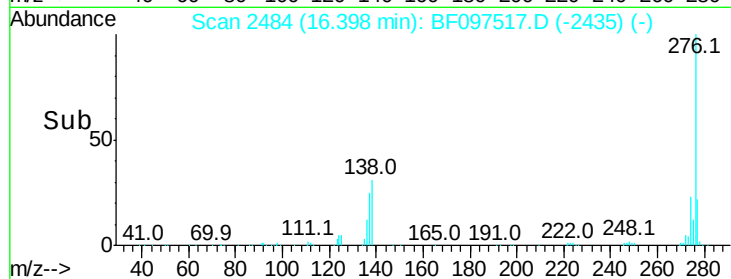
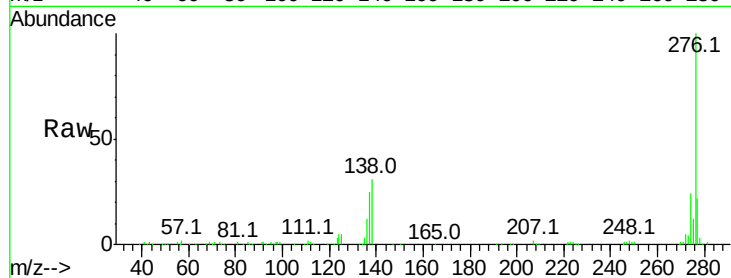
Tot Ion:276 Resp: 293666

Ion Ratio Lower Upper

276 100

277 22.4 18.6 28.0

138 30.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

200000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

150000 16.40

100000

50000

0

Time-->