

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097463.D
 Acq On : 8 Aug 2017 12:18
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 08 16:52:40 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	88121	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	370994	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	140789	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	257528	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	182527	20.00	ng	0.00
86) Perylene-d12	14.87	264	157520	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.99	112	480662	82.23	ng	-0.01
7) Phenol-d6	6.08	99	567364	85.02	ng	0.00
23) Nitrobenzene-d5	6.98	82	464027	73.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	98556	88.60	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	712653	85.90	ng	0.00
78) Terphenyl-d14	12.49	244	664430	74.22	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.89	88	91073	37.334	ng	# 69
3) Pyridine	2.48	79	287585	38.500	ng	# 59
4) n-Nitrosodimethylamine	2.44	42	166529	40.242	ng	# 78
6) Aniline	6.07	93	369370	43.985	ng	96
8) 2-Chlorophenol	6.20	128	265313	42.446	ng	97
9) Benzaldehyde	5.95	77	192795	48.809	ng	95
10) Phenol	6.09	94	348865	44.073	ng	96
11) bis(2-Chloroethyl)ether	6.15	93	250324	39.984	ng	88
12) 1,3-Dichlorobenzene	6.34	146	278629	41.364	ng	98
13) 1,4-Dichlorobenzene	6.42	146	282666	42.344	ng	95
14) 1,2-Dichlorobenzene	6.57	146	243075	41.704	ng	98
15) Benzyl Alcohol	6.57	79	193884	45.889	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.70	45	472108	37.597	ng	# 45
17) 2-Methylphenol	6.70	107	188252	39.023	ng	# 89
18) Hexachloroethane	6.91	117	95846	39.246	ng	# 82
19) n-Nitroso-di-n-propylamine	6.84	70	164380	37.422	ng	# 79
20) 3+4-Methylphenols	6.86	107	262534	41.668	ng	# 62
22) Acetophenone	6.83	105	324780	36.454	ng	95
24) Nitrobenzene	7.00	77	245055	37.206	ng	95
25) Isophorone	7.25	82	448795	36.237	ng	96
26) 2-Nitrophenol	7.32	139	131865	37.006	ng	# 84
27) 2,4-Dimethylphenol	7.37	122	214456	36.484	ng	98
28) bis(2-Chloroethoxy)methane	7.46	93	278024	34.400	ng	100
29) 2,4-Dichlorophenol	7.57	162	200688	39.632	ng	96
30) 1,2,4-Trichlorobenzene	7.64	180	191425	39.660	ng	99
31) Naphthalene	7.71	128	716005	40.942	ng	99
32) Benzoic acid	7.56	122	152051	34.642	ng	91
33) 4-Chloroaniline	7.77	127	298882	42.002	ng	99
34) Hexachlorobutadiene	7.83	225	100516	39.282	ng	98
35) Caprolactam	8.15	113	31045	19.119	ng	# 48
36) 4-Chloro-3-methylphenol	8.29	107	229815	41.599	ng	91
37) 2-Methylnaphthalene	8.40	142	411726	37.184	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	159530	42.466	ng	98
40) Hexachlorocyclopentadiene	8.56	237	59327	48.033	ng	97

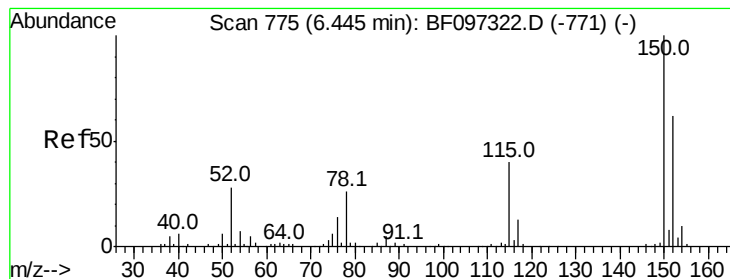
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	110708	40.667	ng	98
43) 2,4,5-Trichlorophenol	8.75	196	105561	38.741	ng	96
45) 1,1'-Biphenyl	8.87	154	553290	46.010	ng	97
46) 2-Chloronaphthalene	8.89	162	407672	46.068	ng	# 92
47) 2-Nitroaniline	9.00	65	157282	48.974	ng	96
48) Acenaphthylene	9.29	152	573345	42.211	ng	99
49) Dimethylphthalate	9.18	163	442539	41.393	ng	99
50) 2,6-Dinitrotoluene	9.25	165	97320	42.919	ng	# 85
51) Acenaphthene	9.47	154	364006	45.496	ng	99
52) 3-Nitroaniline	9.41	138	128517	45.661	ng	98
53) 2,4-Dinitrophenol	9.54	184	58494	56.735	ng	# 77
54) Dibenzofuran	9.64	168	514130	48.244	ng	96
55) 4-Nitrophenol	9.64	139	327728	195.800	ng	# 35
56) 2,4-Dinitrotoluene	9.65	165	139828	53.641	ng	# 72
57) Fluorene	9.98	166	394306	49.228	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.77	232	81481	43.309	ng	98
59) Diethylphthalate	9.87	149	421505	42.973	ng	99
60) 4-Chlorophenyl-phenylether	9.97	204	160427	48.503	ng	98
61) 4-Nitroaniline	10.03	138	129101	48.273	ng	94
62) Azobenzene	10.14	77	384901	42.300	ng	91
64) 4,6-Dinitro-2-methylphenol	10.07	198	70374	43.977	ng	89
65) n-Nitrosodiphenylamine	10.10	169	362528	40.459	ng	97
66) 4-Bromophenyl-phenylether	10.46	248	105248	40.952	ng	92
67) Hexachlorobenzene	10.53	284	120286	41.736	ng	# 82
68) Atrazine	10.63	200	95169	37.039	ng	94
69) Pentachlorophenol	10.74	266	68907	57.785	ng	95
70) Phenanthrene	10.93	178	540835	39.195	ng	99
71) Anthracene	10.98	178	571354	40.428	ng	98
72) Carbazole	11.15	167	571744	41.135	ng	100
73) Di-n-butylphthalate	11.49	149	623731	36.304	ng	99
74) Fluoranthene	12.11	202	539286	39.895	ng	99
76) Benzidine	12.25	184	184485	27.240	ng	# 93
77) Pyrene	12.33	202	581619	38.923	ng	99
79) Butylbenzylphthalate	12.97	149	276410	36.365	ng	# 78
80) Benzo(a)anthracene	13.52	228	468762	39.691	ng	98
81) 3,3'-Dichlorobenzidine	13.49	252	182014	40.868	ng	# 97
82) Chrysene	13.56	228	470617	40.808	ng	99
83) Bis(2-ethylhexyl)phthalate	13.53	149	347237	34.988	ng	99
84) Di-n-octyl phthalate	14.14	149	616042	33.825	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.06	276	345152	34.904	ng	97
87) Benzo(b)fluoranthene	14.54	252	384097	40.564	ng	96
88) Benzo(k)fluoranthene	14.54	252	384097	42.569	ng	95
89) Benzo(a)pyrene	14.82	252	343969	39.691	ng	99
90) Dibenzo(a,h)anthracene	16.06	278	277296	39.019	ng	96
91) Benzo(g,h,i)perylene	16.41	276	301664	40.478	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.40 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

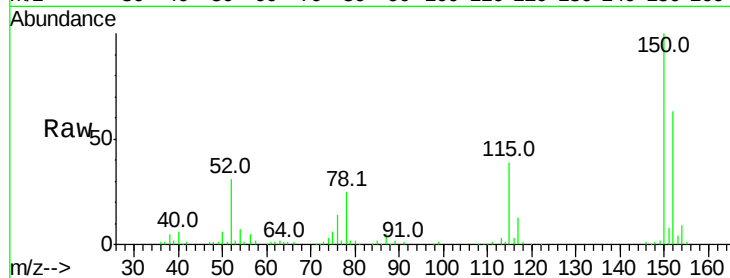
Tot Ion:152 Resp: 88121

Ion Ratio Lower Upper

152 100

150 160.0 126.2 189.2

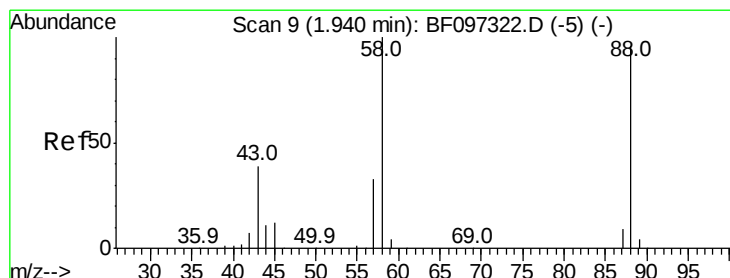
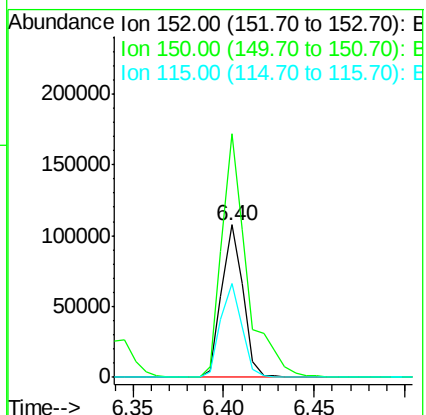
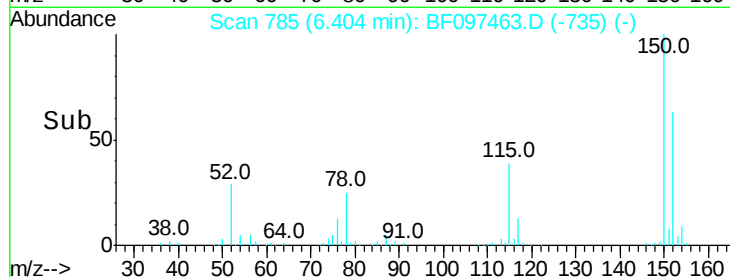
115 61.7 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.334 ng

RT: 1.89 min Scan# 17

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

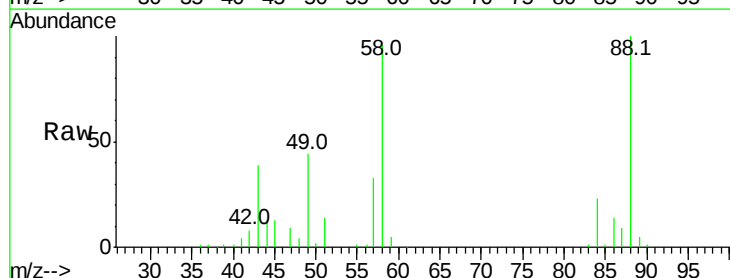
Tgt Ion: 88 Resp: 91073

Ion Ratio Lower Upper

88 100

58 104.9 61.4 92.0#

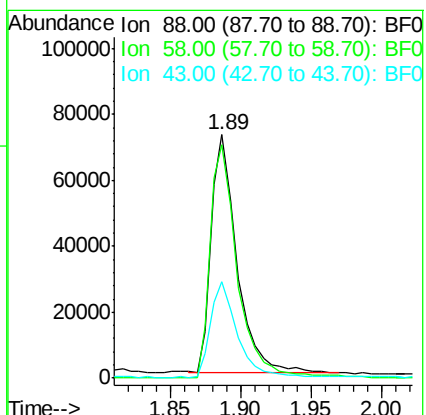
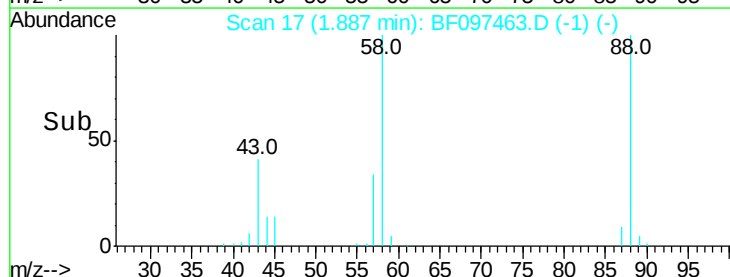
43 43.6 23.4 35.0#

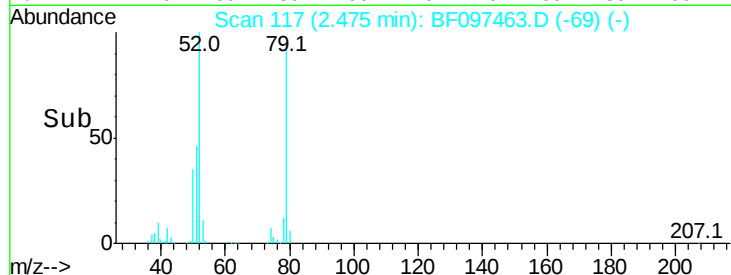
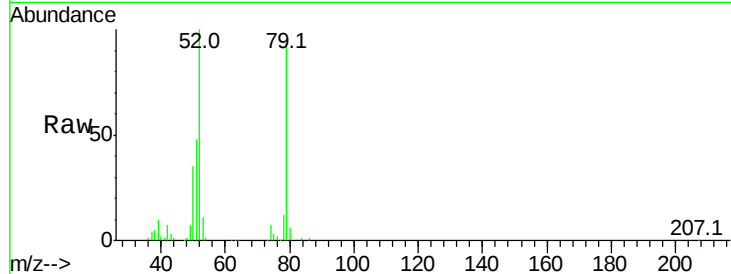
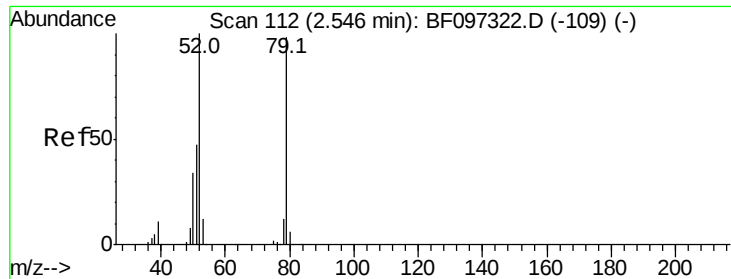


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

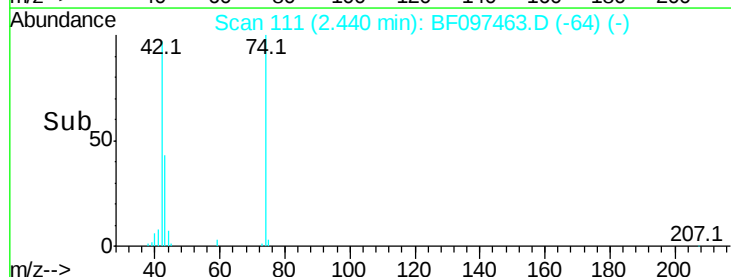
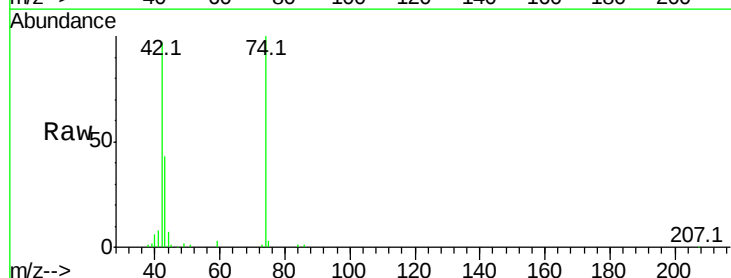
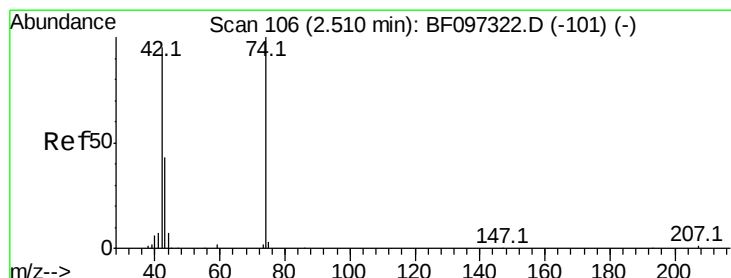
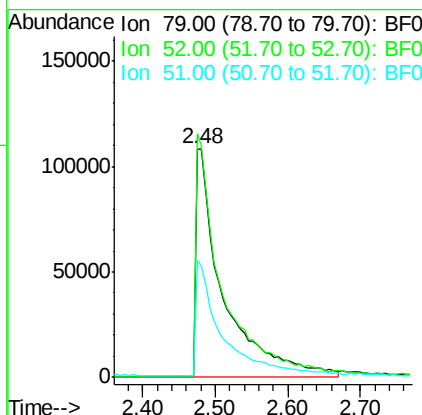




#3
 Pvridine
 Concen: 38.500 ng
 RT: 2.48 min Scan# 117
 Delta R.T. -0.02 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

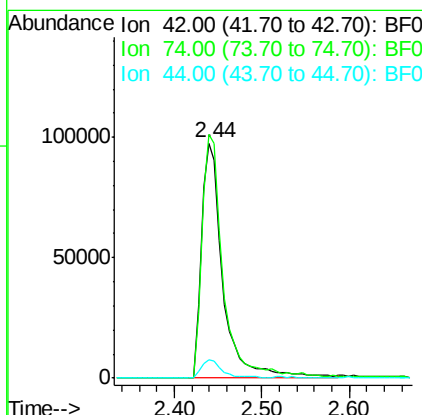
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

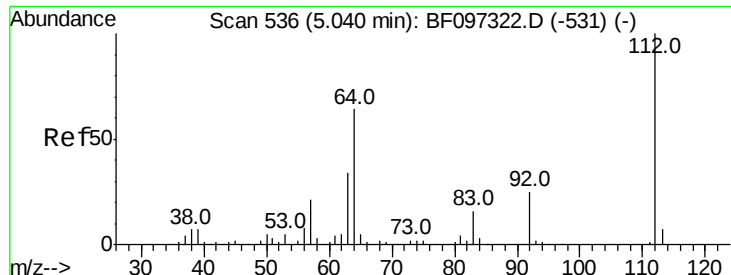
Tot Ion: 79 Resp: 287585
 Ion Ratio Lower Upper
 79 100
 52 106.5 54.8 82.2#
 51 51.2 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 40.242 ng
 RT: 2.44 min Scan# 111
 Delta R.T. -0.02 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion: 42 Resp: 166529
 Ion Ratio Lower Upper
 42 100
 74 103.5 103.9 155.9#
 44 7.7 5.7 8.5





#5

2-Fluorophenol

Concen: 82.227 ng

RT: 4.99 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

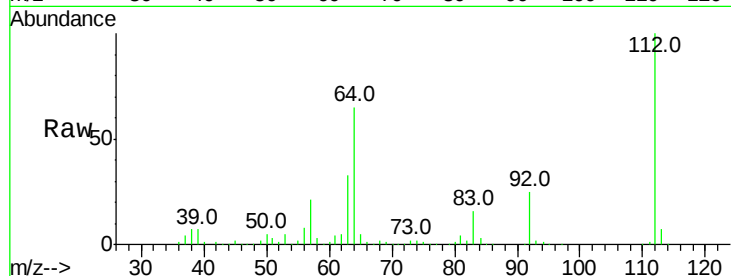
Tot Ion:112 Resp: 480662

Ion Ratio Lower Upper

112 100

64 65.1 46.0 69.0

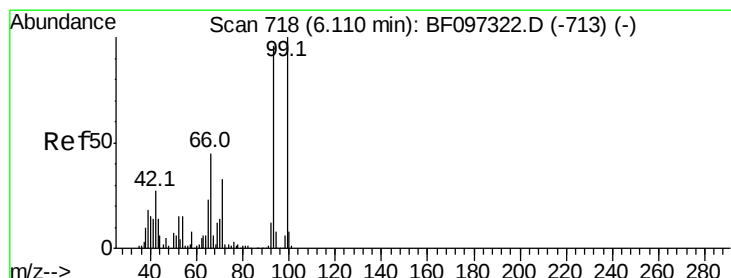
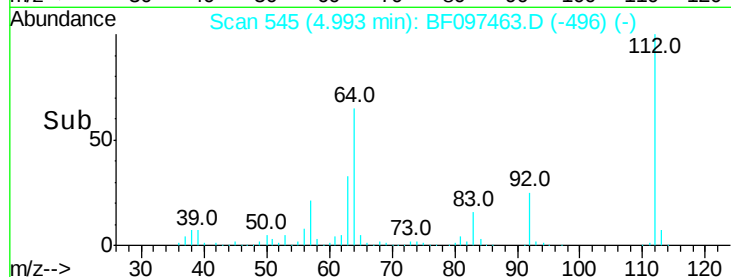
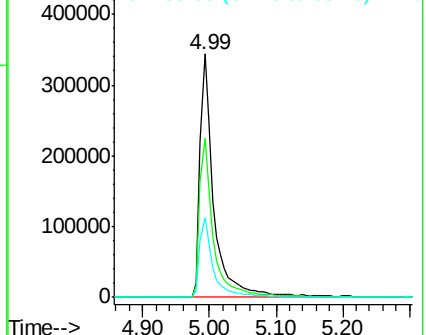
63 32.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 43.985 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

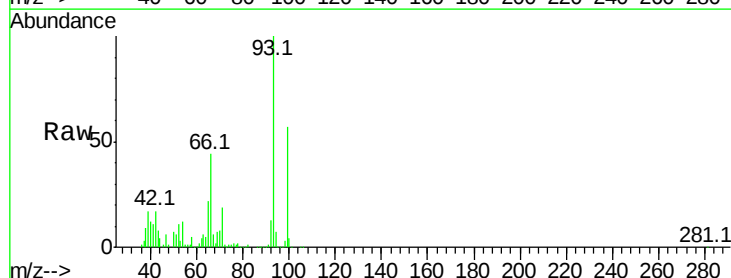
Tgt Ion: 93 Resp: 369370

Ion Ratio Lower Upper

93 100

66 43.9 32.9 49.3

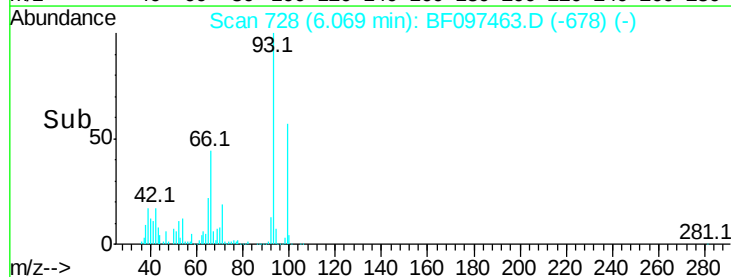
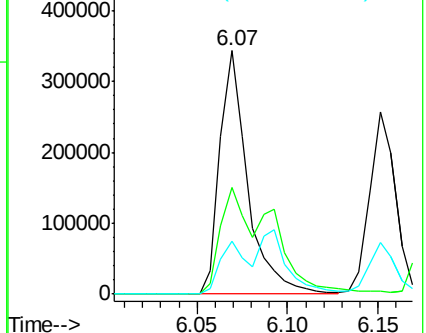
65 21.5 16.0 24.0

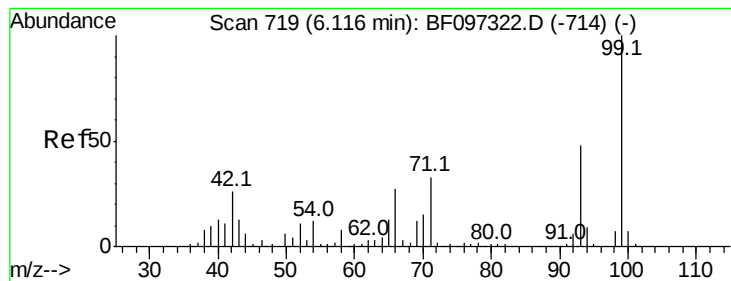


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.019 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097463.D

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SSTDCCC040

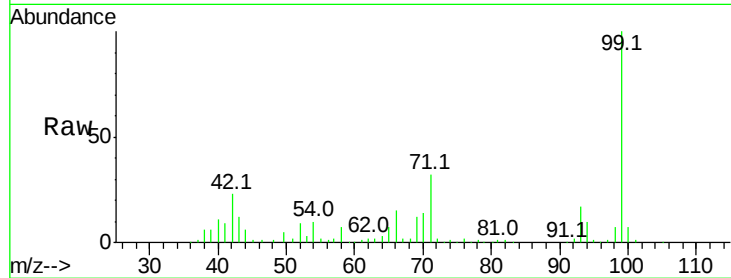
Tot Ion: 99 Resp: 567364

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

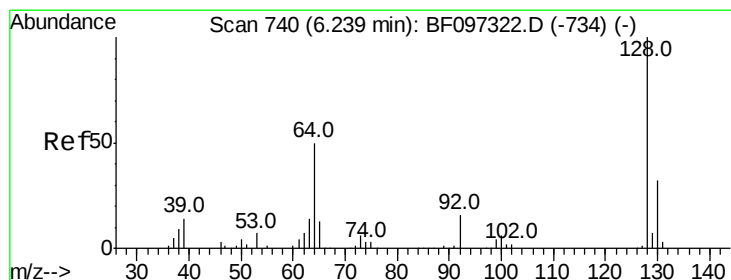
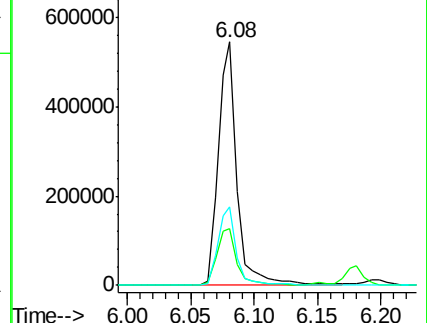
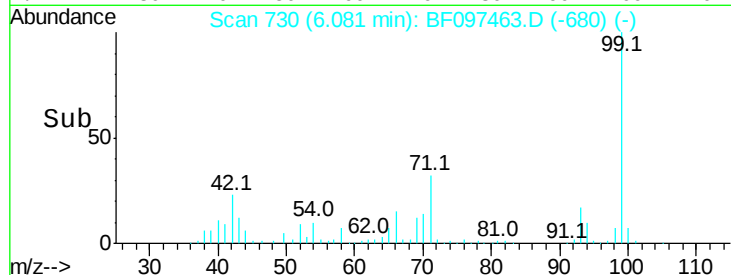
71 32.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.446 ng

RT: 6.20 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

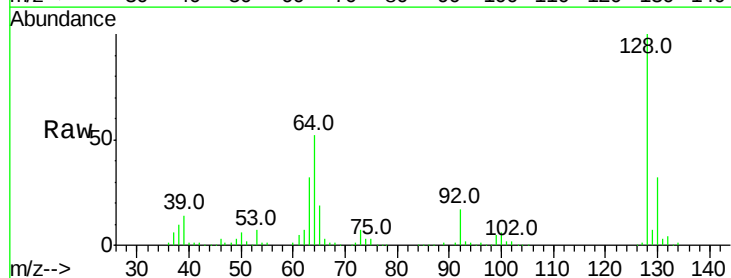
Tgt Ion:128 Resp: 265313

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

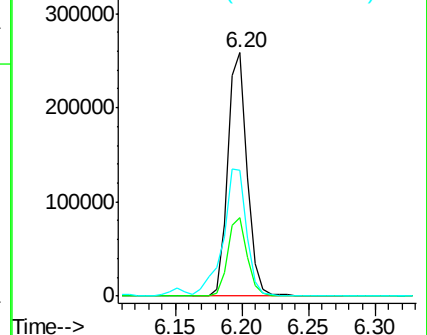
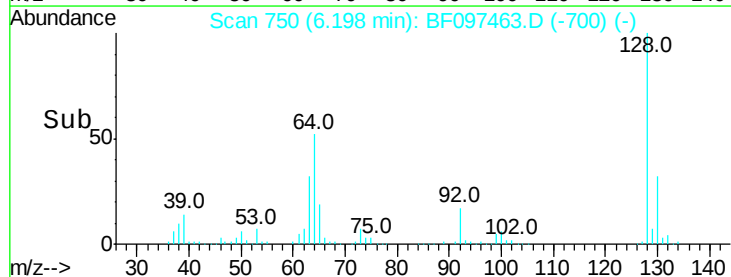
64 51.6 28.4 68.4

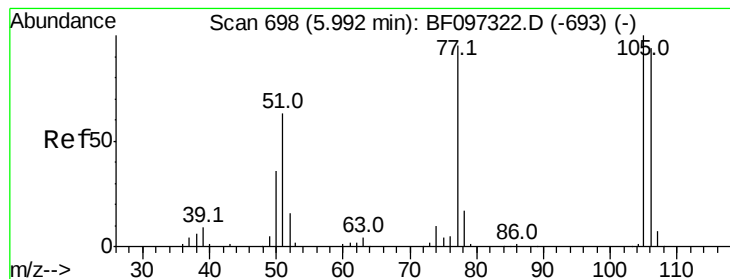


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 48.809 ng

RT: 5.95 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF097463.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

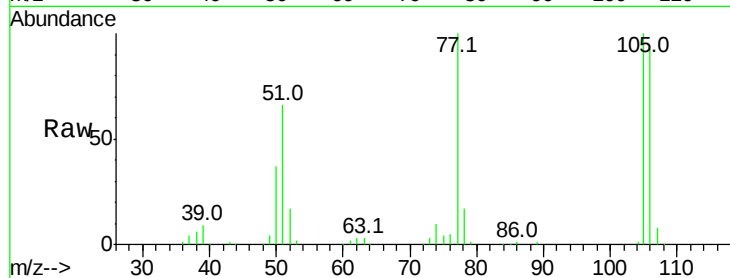
Tot Ion: 77 Resp: 192795

Ion Ratio Lower Upper

77 100

105 99.8 83.8 123.8

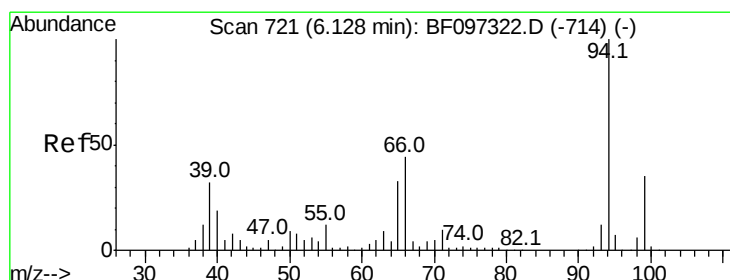
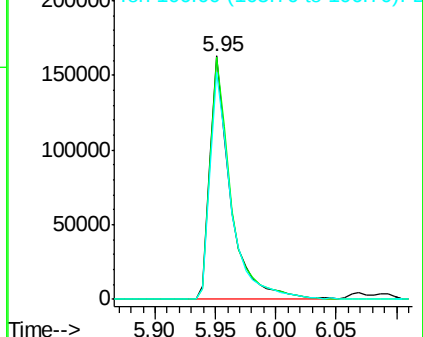
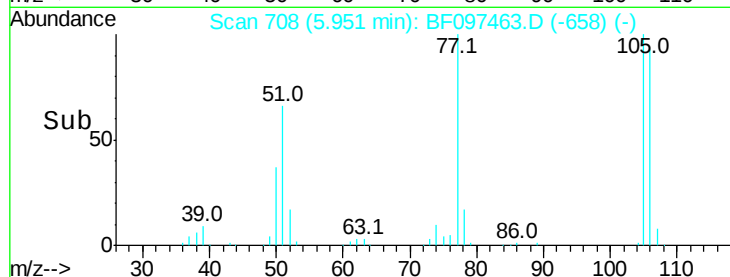
106 93.0 79.1 119.1



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: 44.073 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

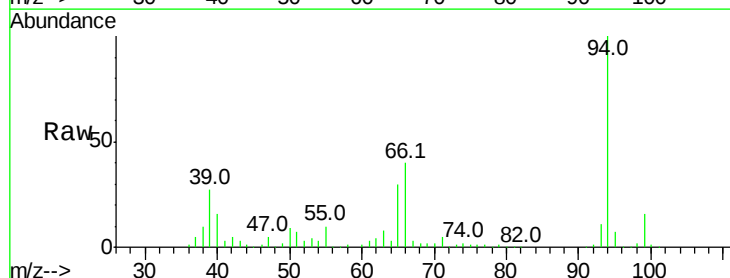
Tgt Ion: 94 Resp: 348865

Ion Ratio Lower Upper

94 100

65 30.3 9.9 49.9

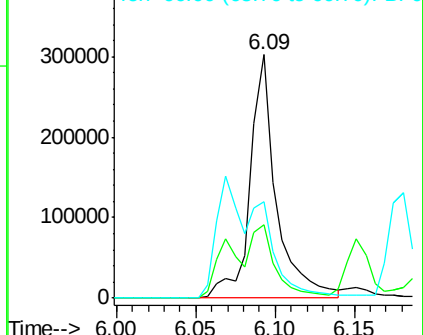
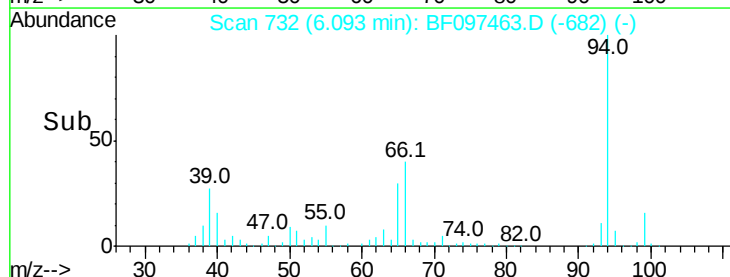
66 39.6 23.1 63.1

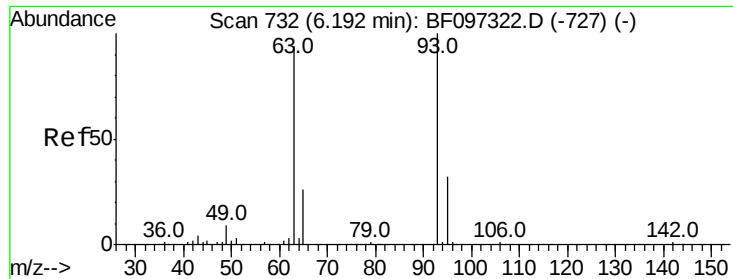


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.984 ng

RT: 6.15 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

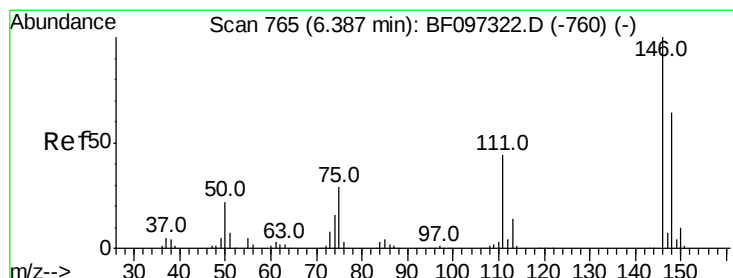
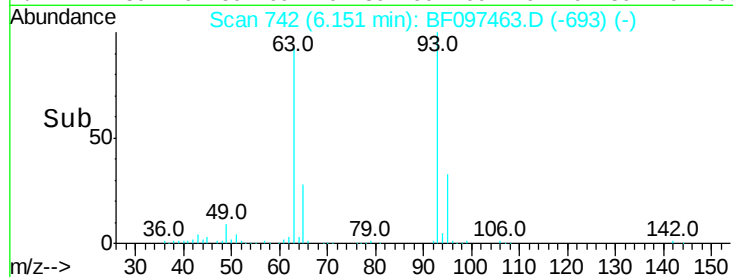
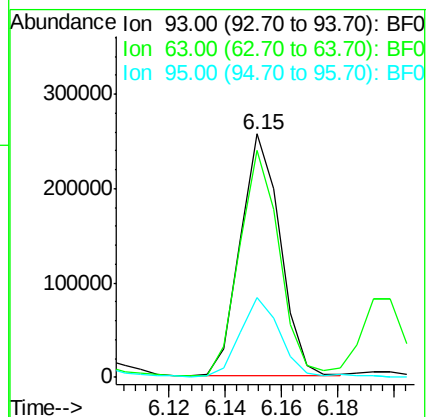
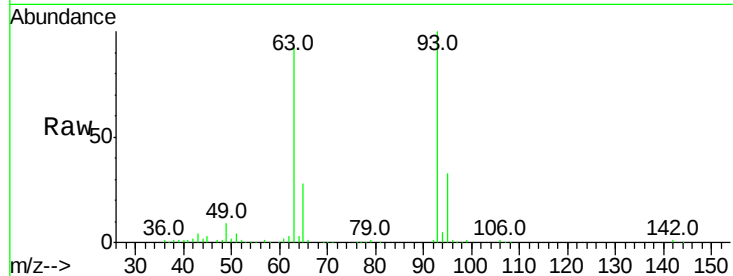
Tot Ion: 93 Resp: 250324

Ion Ratio Lower Upper

93 100

63 93.5 59.2 99.2

95 32.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.364 ng

RT: 6.34 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

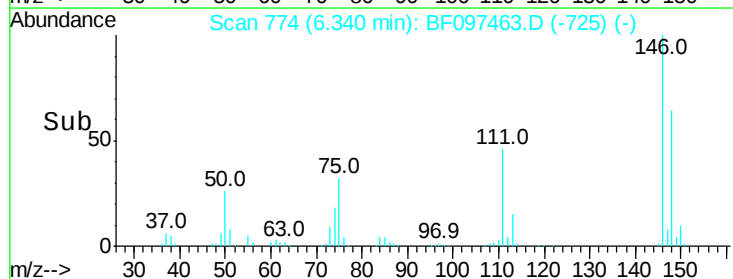
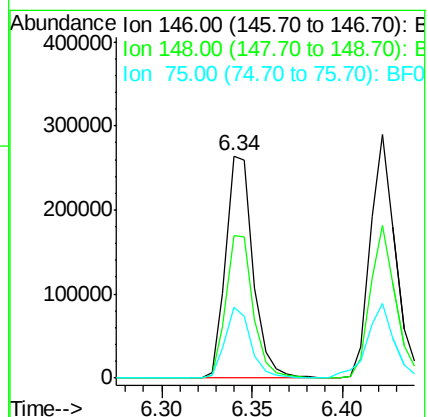
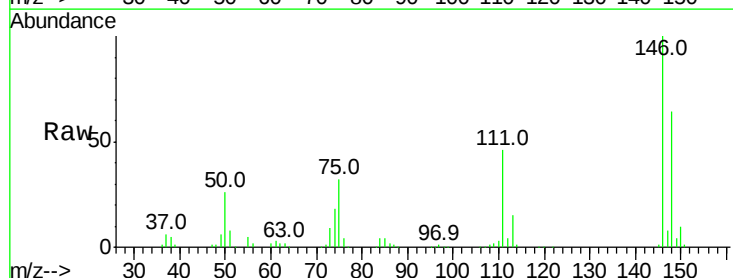
Tgt Ion: 146 Resp: 278629

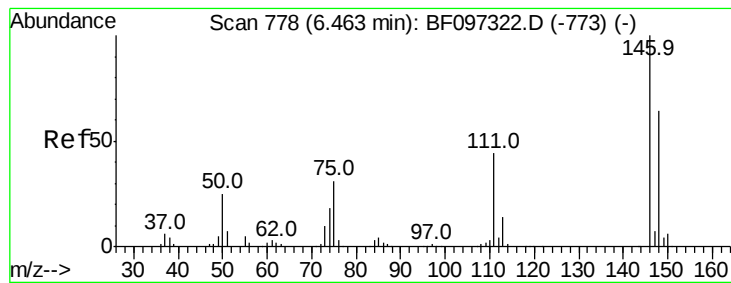
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

75 31.8 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.344 ng

RT: 6.42 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

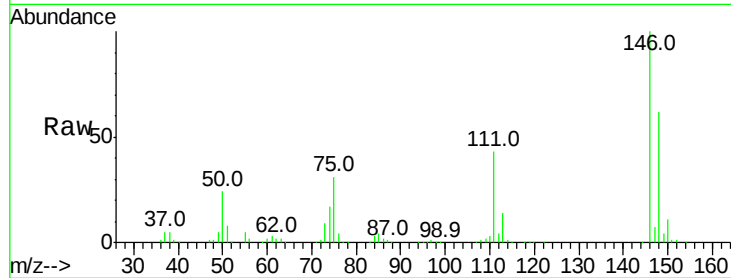
Tot Ion:146 Resp: 282666

Ion Ratio Lower Upper

146 100

148 62.5 52.2 78.2

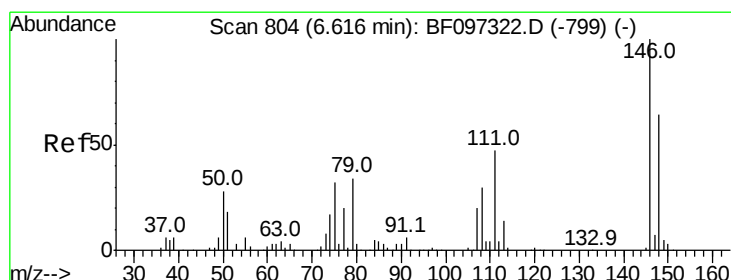
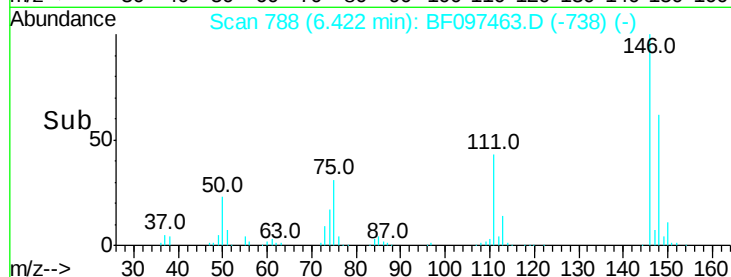
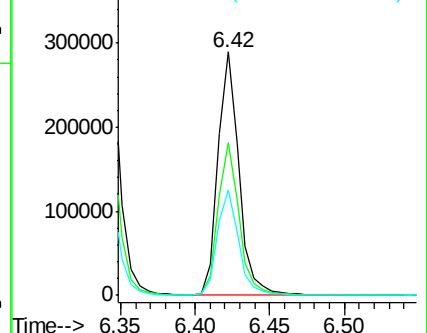
111 43.1 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.704 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

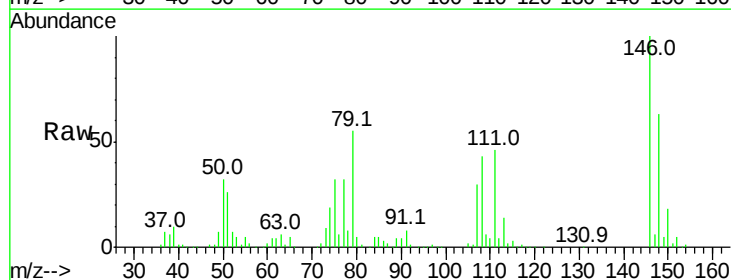
Tgt Ion:146 Resp: 243075

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

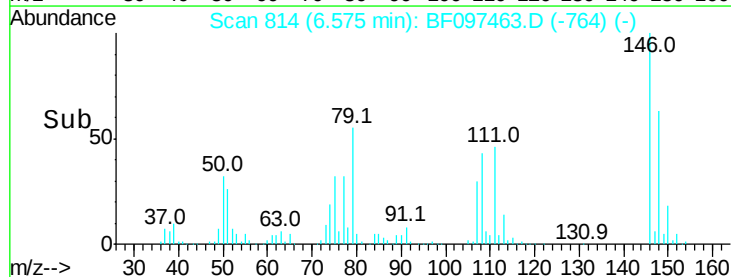
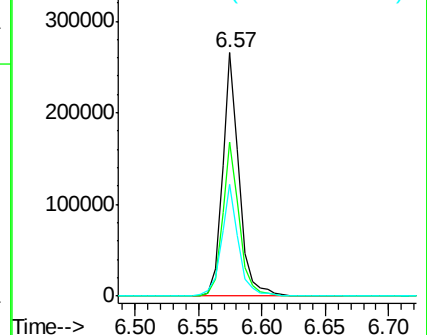
111 45.7 38.2 57.4

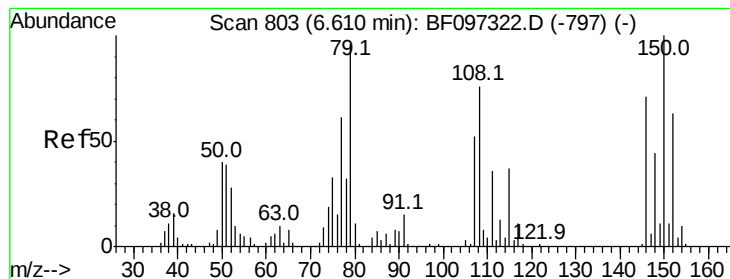


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.889 ng

RT: 6.57 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

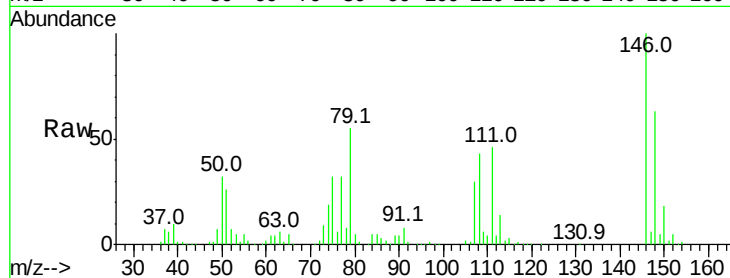
Tot Ion: 79 Resp: 193884

Ion Ratio Lower Upper

79 100

108 78.9 63.4 95.0

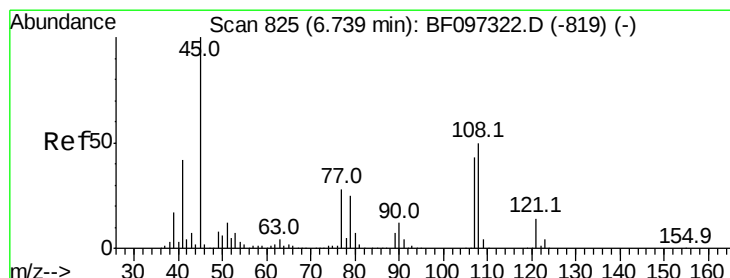
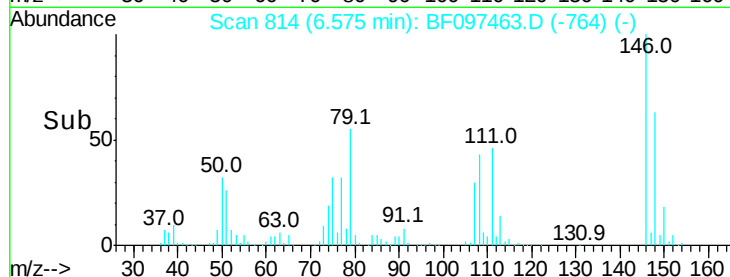
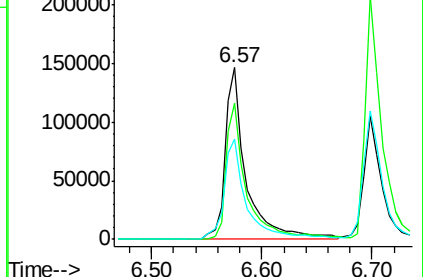
77 58.2 49.2 73.8



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: 37.597 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

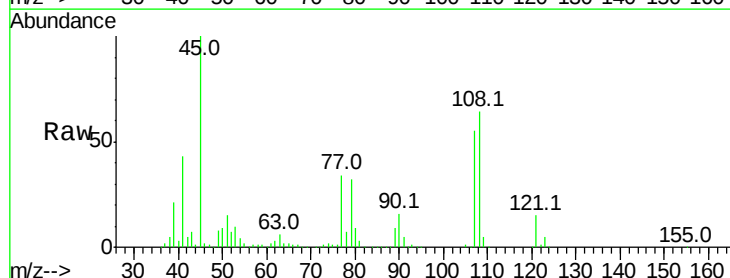
Tgt Ion: 45 Resp: 472108

Ion Ratio Lower Upper

45 100

77 33.8 0.0 33.2#

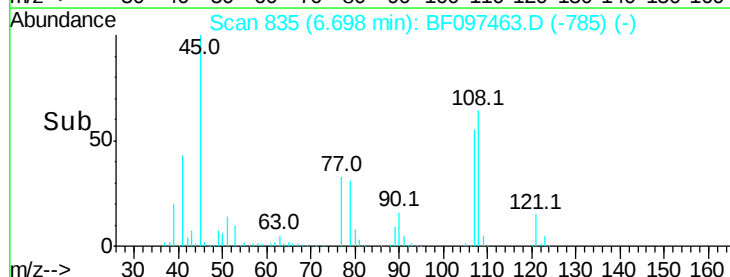
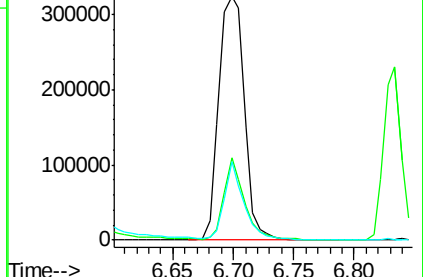
79 32.3 0.0 30.0#

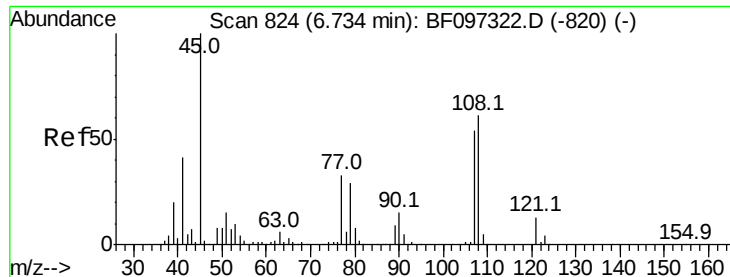


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.023 ng

RT: 6.70 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 188252

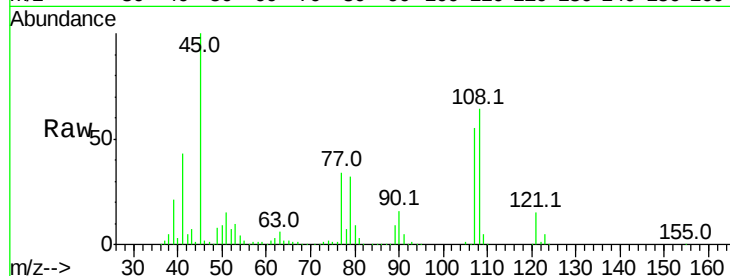
Ion Ratio Lower Upper

107 100

108 116.2 93.4 140.0

77 61.4 35.8 53.6#

79 58.6 34.8 52.2#

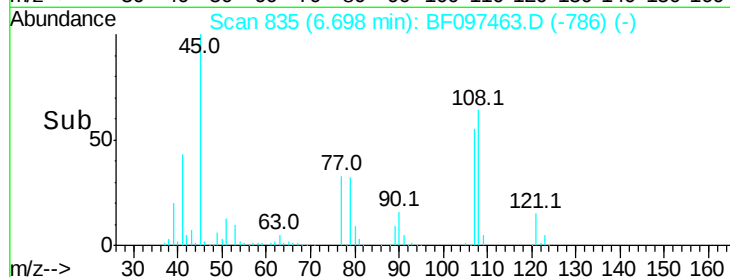


Abundance Ion 107.00 (106.70 to 107.70): E

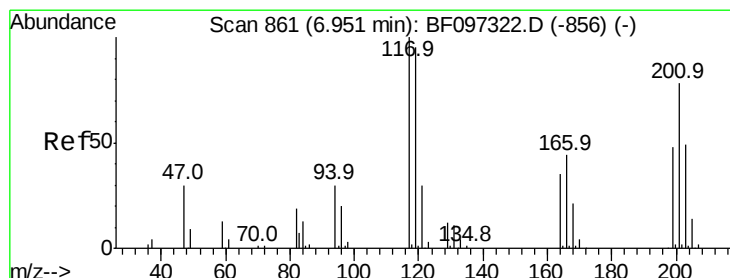
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.246 ng

RT: 6.91 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

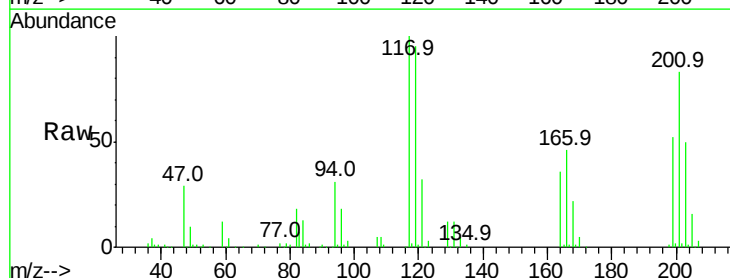
Tgt Ion:117 Resp: 95846

Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.0

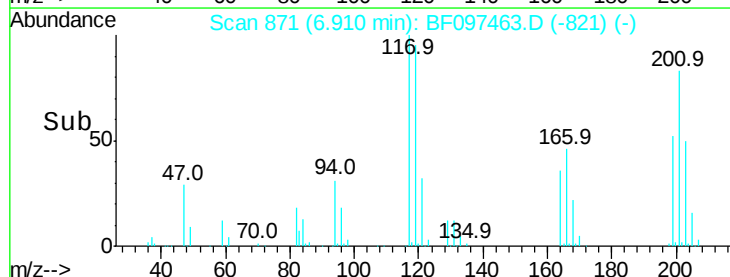
201 82.8 94.6 141.8#



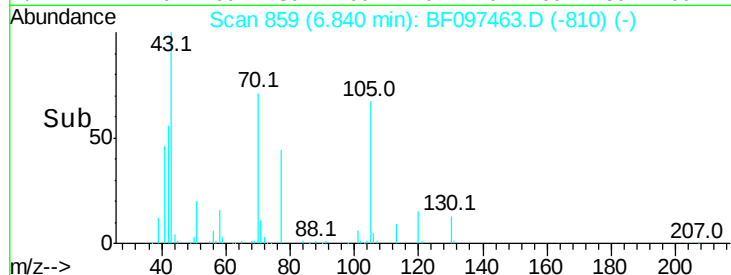
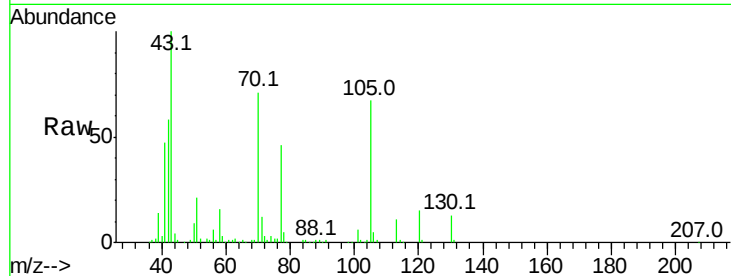
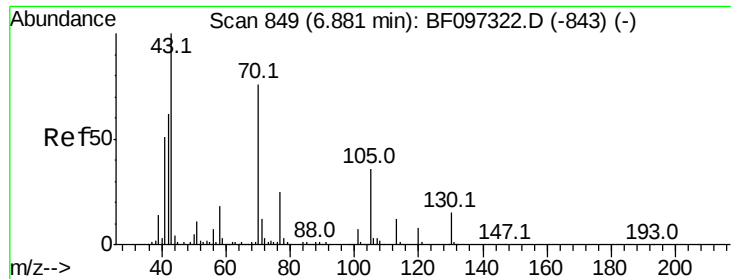
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



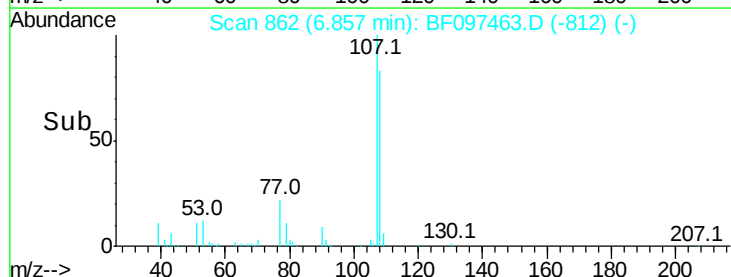
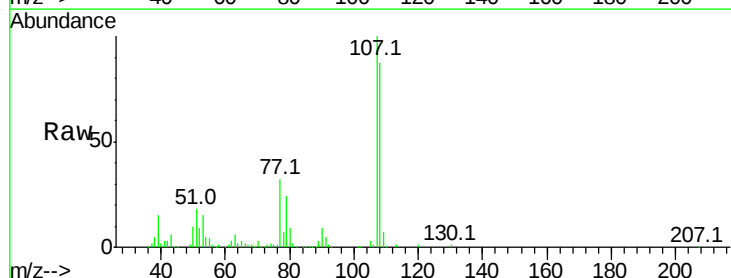
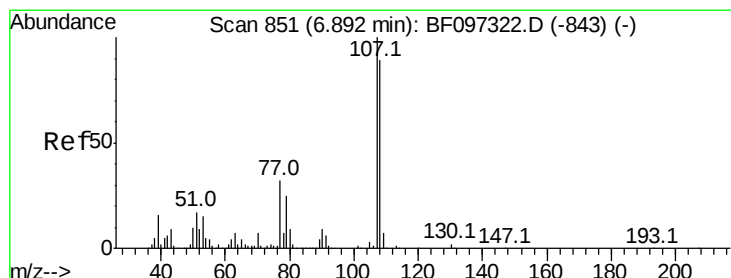
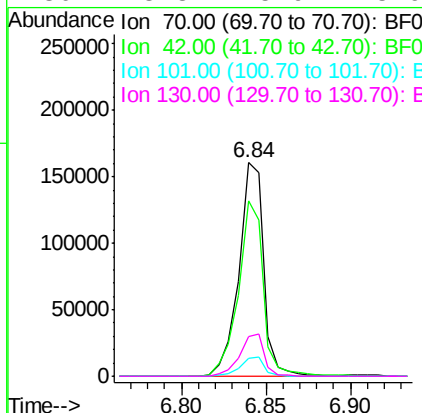
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 37.422 ng
RT: 6.84 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

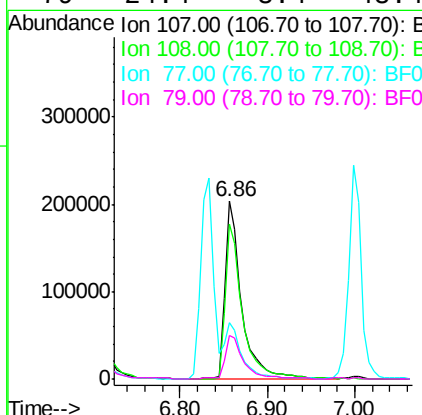
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

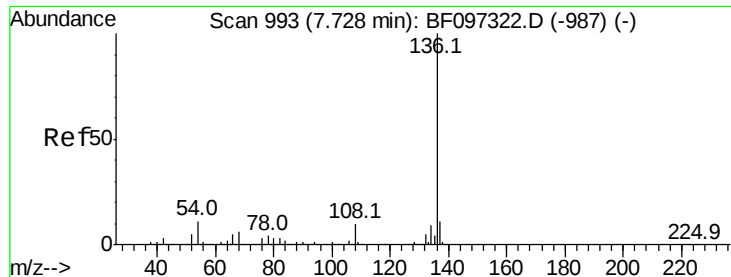
Tot Ion: 70 Resp: 164380
Ion Ratio Lower Upper
70 100
42 82.0 47.2 70.8#
101 8.3 7.2 10.8
130 18.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.668 ng
RT: 6.86 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Tgt Ion:107 Resp: 262534
Ion Ratio Lower Upper
107 100
108 86.9 71.0 111.0
77 31.7 90.5 130.5#
79 24.4 8.4 48.4

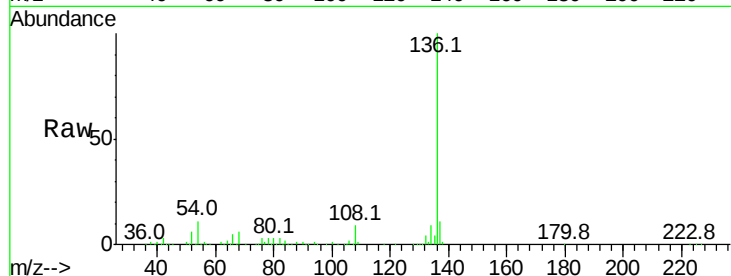




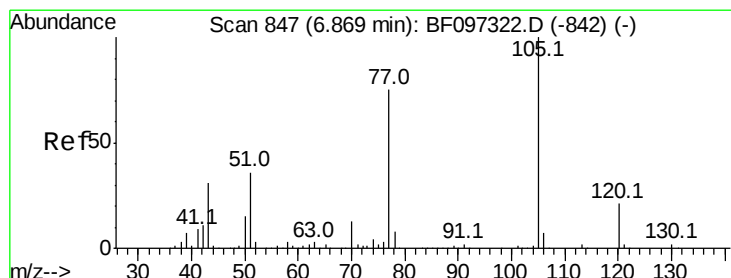
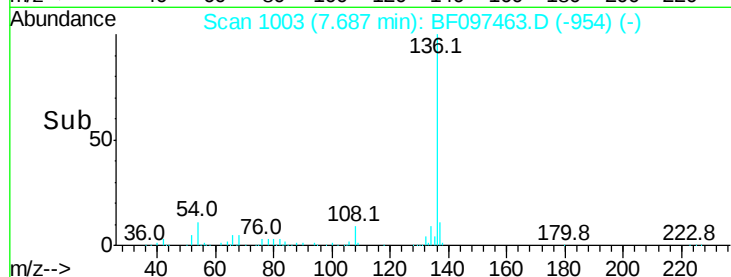
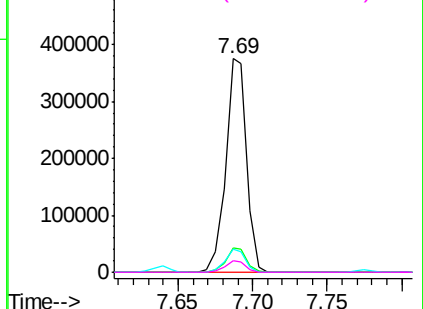
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	370994
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	11.1	4.9 7.3#
68	5.6	4.1 6.1

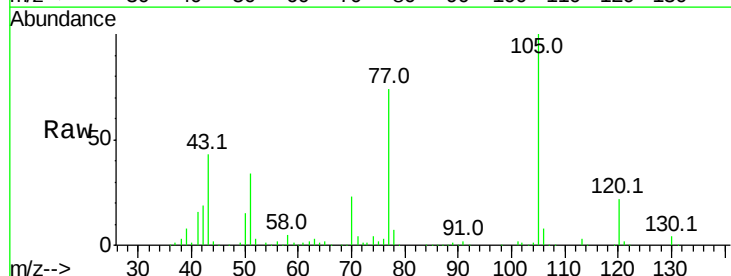


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

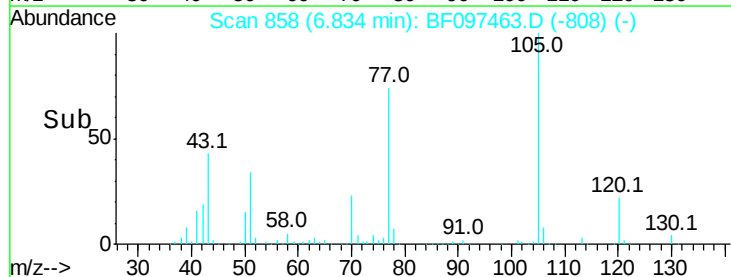
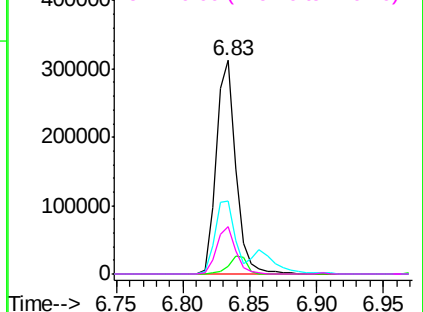


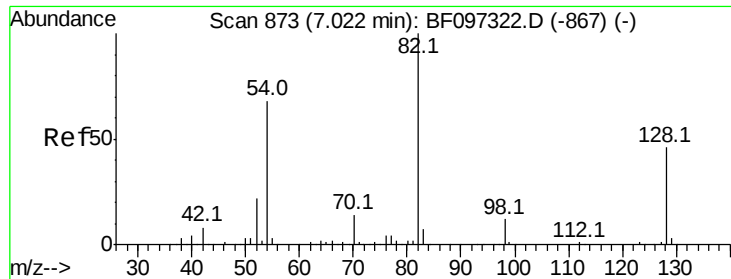
#22
Acetophenone
Concen: 36.454 ng
RT: 6.83 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Tgt Ion:105	Resp:	324780
Ion Ratio	Lower	Upper
105	100	
71	3.9	2.8 4.2
51	34.4	30.7 46.1
120	22.4	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

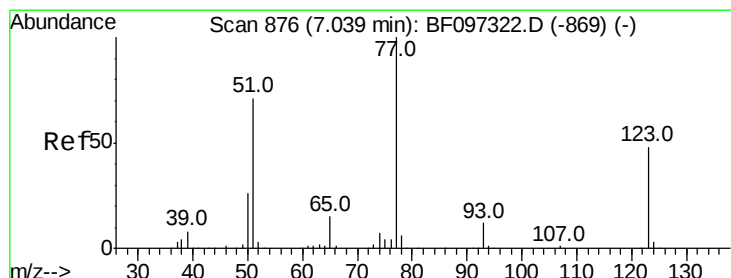
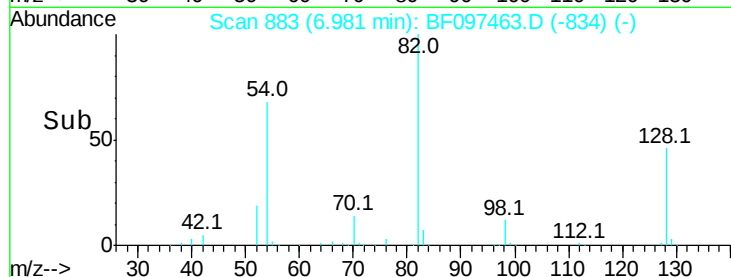
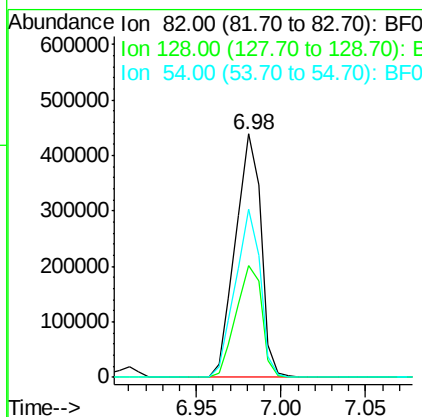
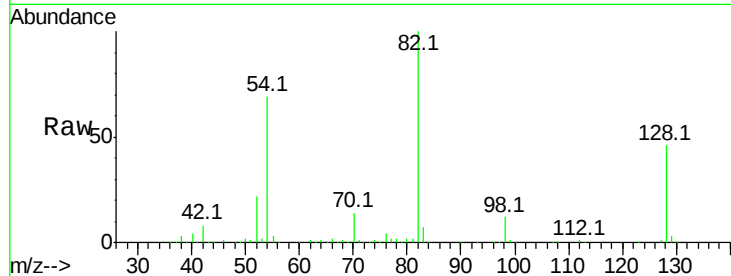




#23
 Nitrobenzene-d5
 Concen: 73.375 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

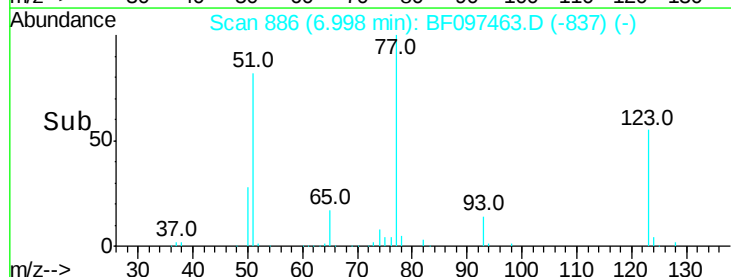
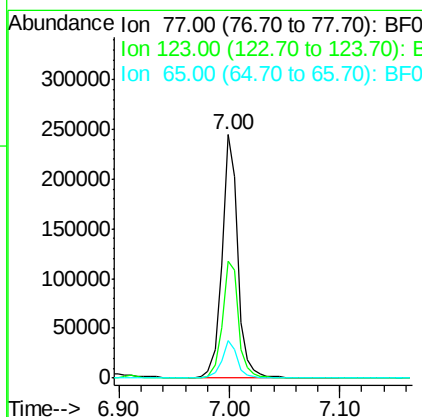
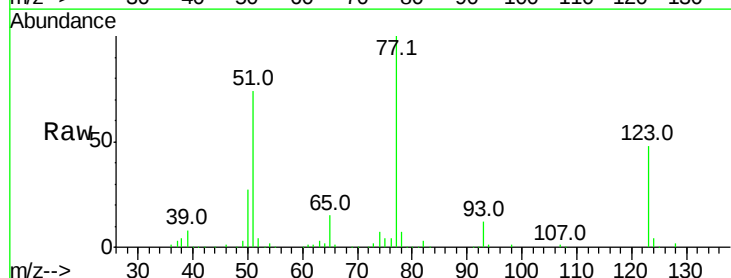
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

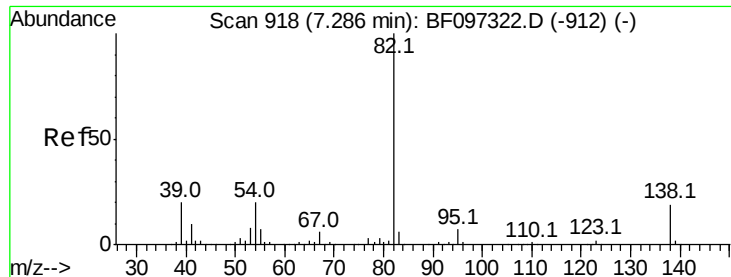
Tot Ion: 82 Resp: 464027
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.0 51.0
 54 69.0 42.2 63.2#



#24
 Nitrobenzene
 Concen: 37.206 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion: 77 Resp: 245055
 Ion Ratio Lower Upper
 77 100
 123 47.8 35.8 53.8
 65 15.3 10.6 15.8





#25

Isophorone

Concen: 36.237 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

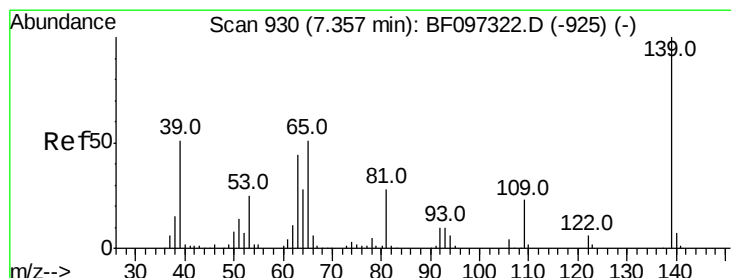
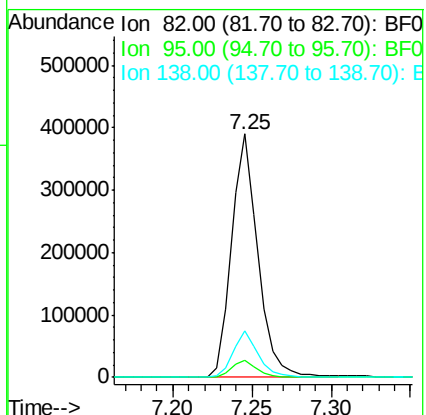
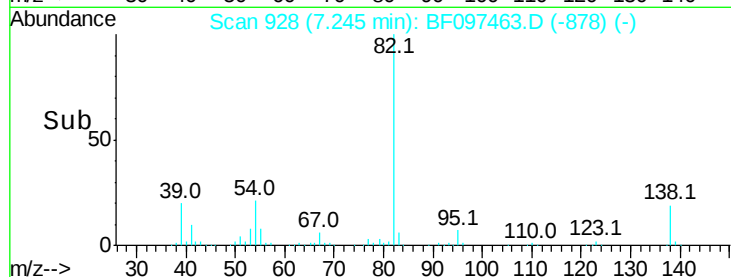
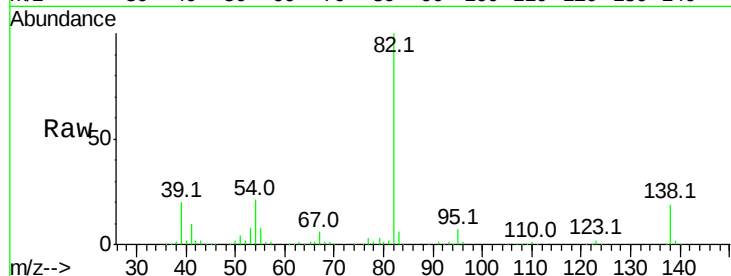
Tot Ion: 82 Resp: 448795

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.9 13.1 19.7



#26

2-Nitrophenol

Concen: 37.006 ng

RT: 7.32 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

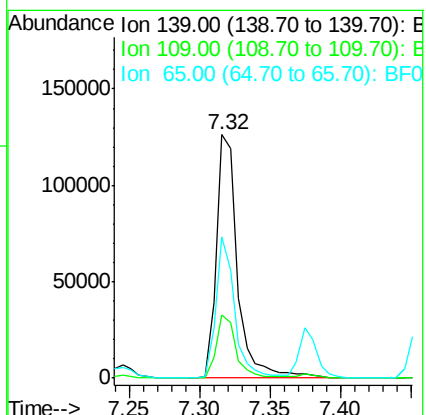
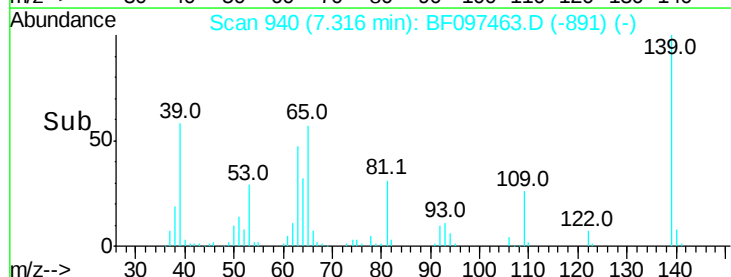
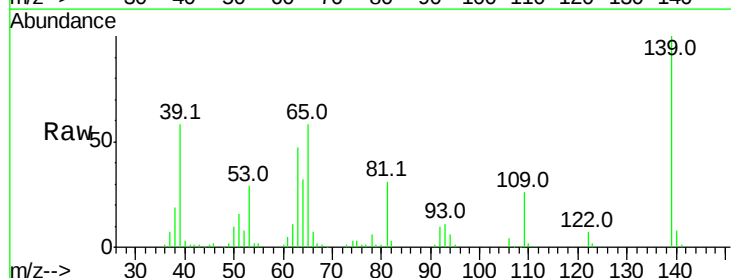
Tgt Ion:139 Resp: 131865

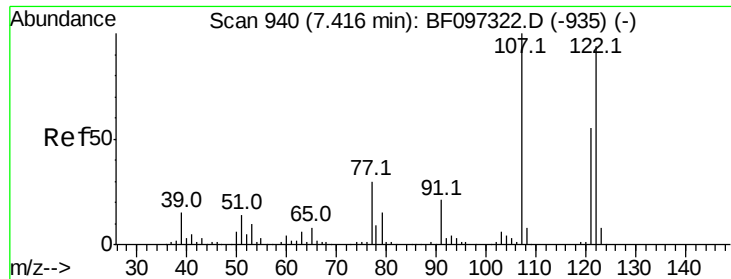
Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.6

65 57.9 33.0 49.6#



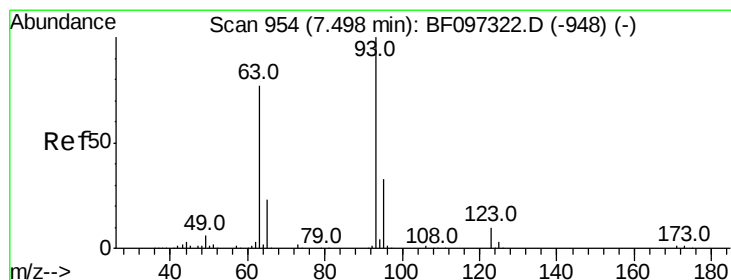
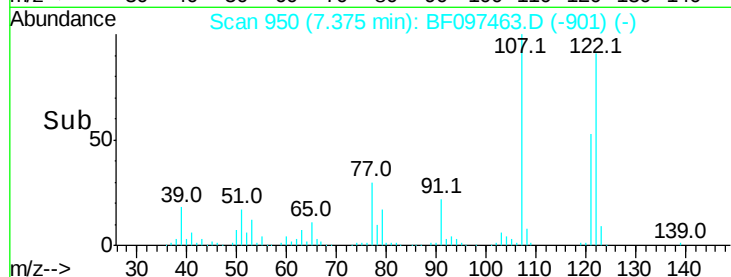
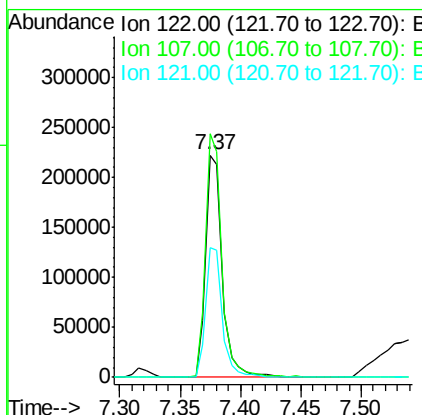
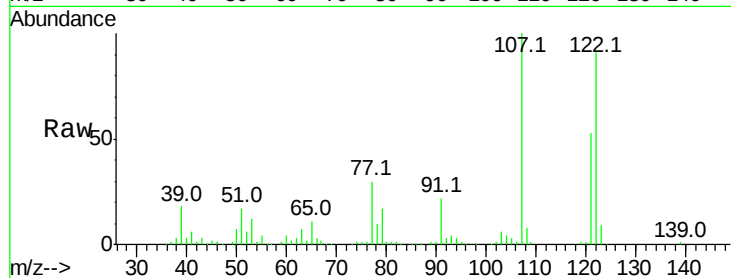


#27
 2,4-Dimethylphenol
 Concen: 36.484 ng
 RT: 7.37 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 214456

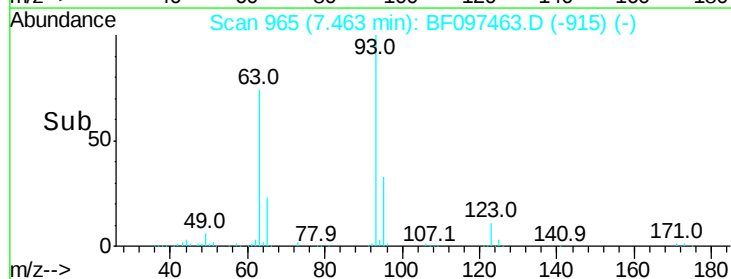
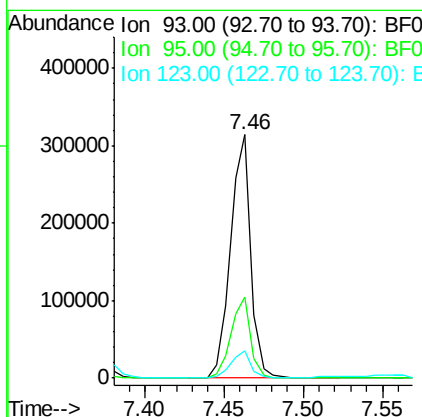
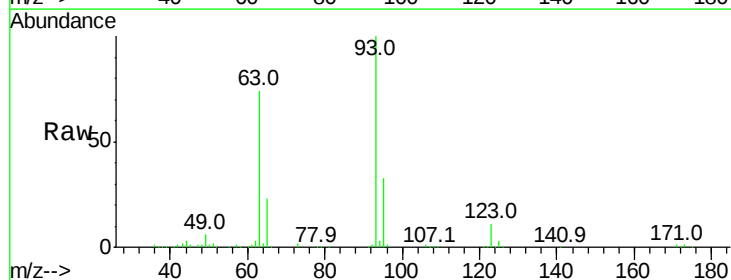
Ion	Ratio	Lower	Upper
122	100		
107	109.5	89.2	133.8
121	58.1	45.2	67.8

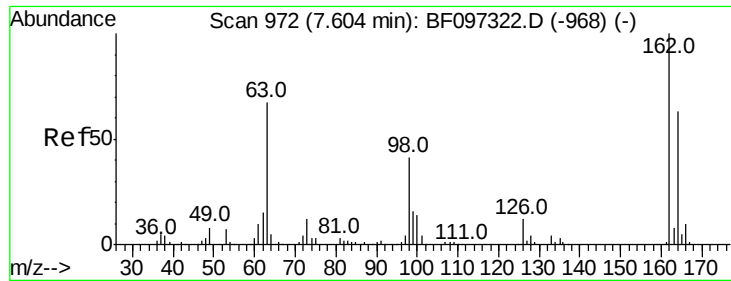


#28
 bis(2-Chloroethoxy)methane
 Concen: 34.400 ng
 RT: 7.46 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion: 93 Resp: 278024

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.2	9.0	13.4

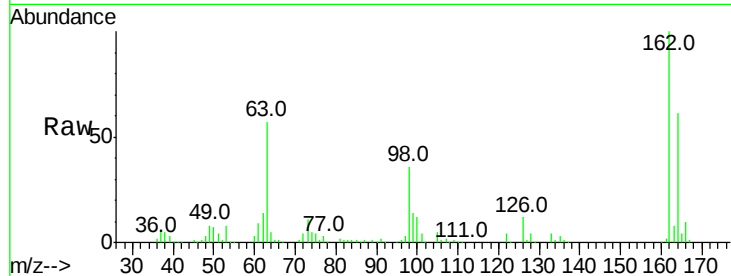




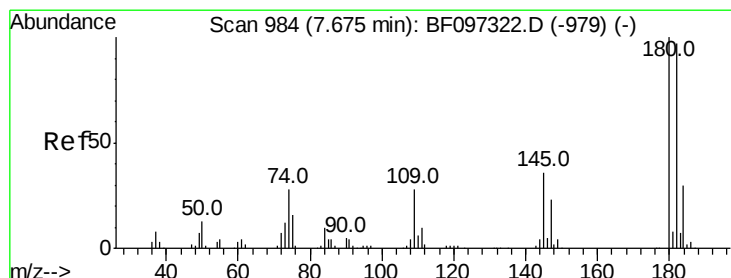
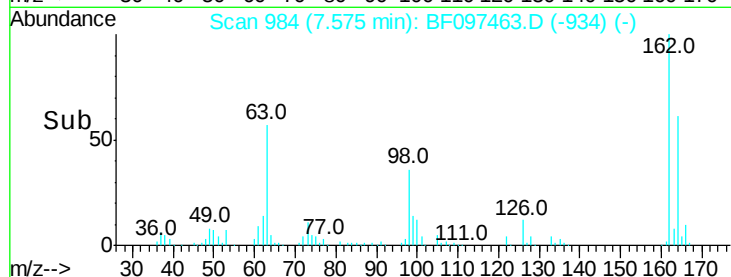
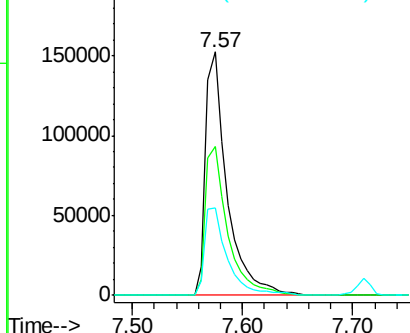
#29
 2,4-Dichlorophenol
 Concen: 39.632 ng
 RT: 7.57 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 200688
 Ion Ratio Lower Upper
 162 100
 164 61.1 44.6 84.6
 98 36.0 14.8 54.8

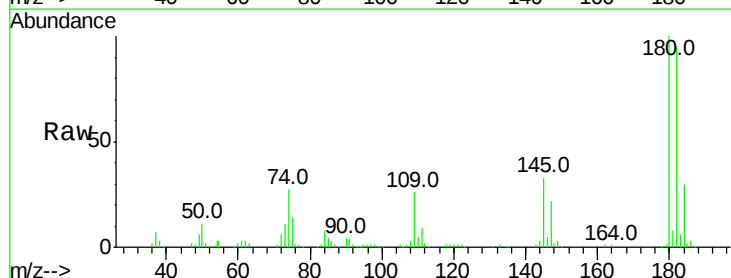


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

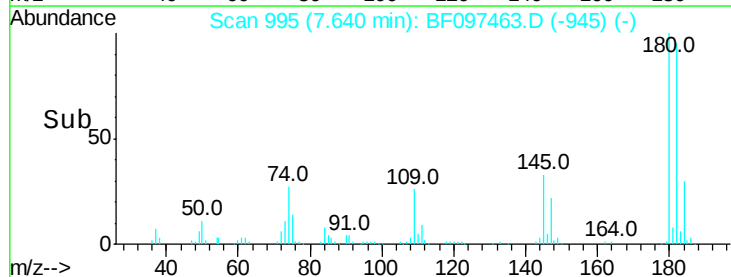
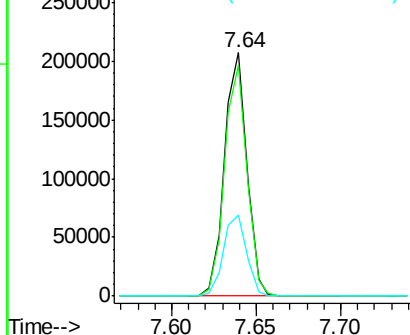


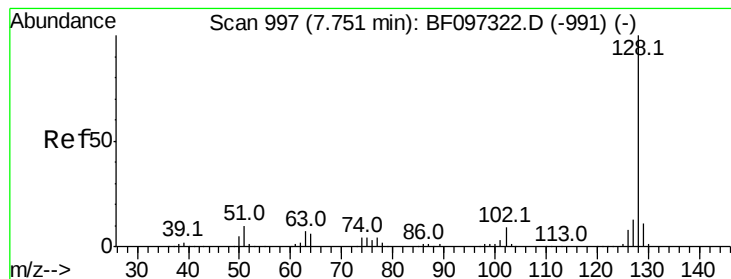
#30
 1,2,4-Trichlorobenzene
 Concen: 39.660 ng
 RT: 7.64 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion:180 Resp: 191425
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.8 113.6
 145 33.2 25.3 37.9



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





#31

Naphthalene

Concen: 40.942 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

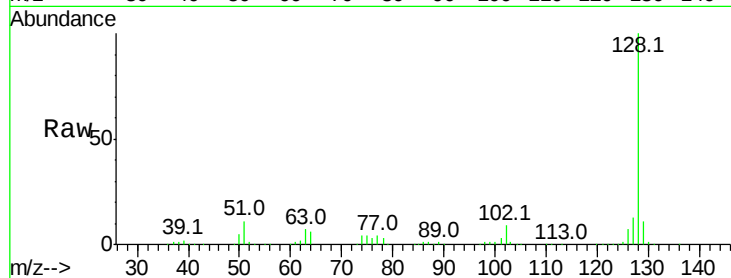
Tot Ion:128 Resp: 716005

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

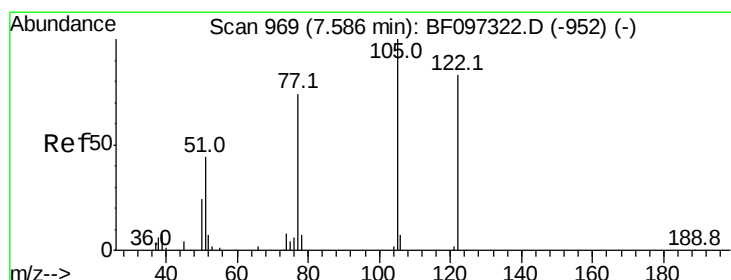
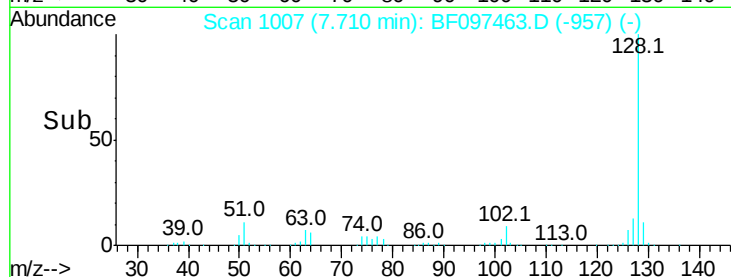
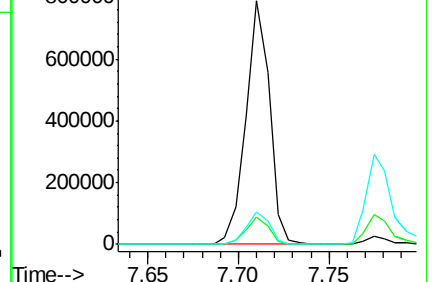
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.642 ng

RT: 7.56 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

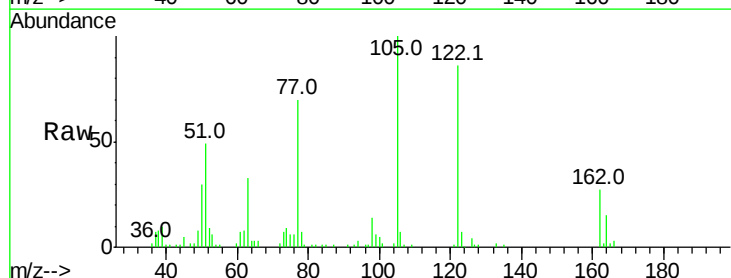
Tgt Ion:122 Resp: 152051

Ion Ratio Lower Upper

122 100

105 116.1 103.3 143.3

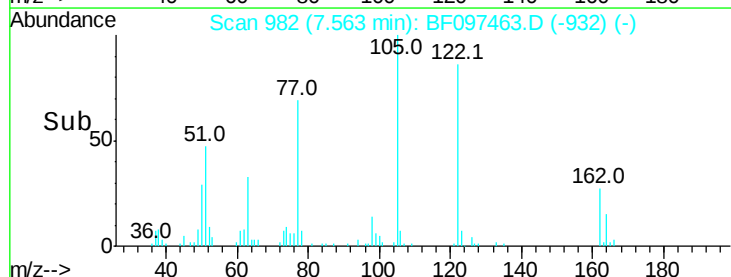
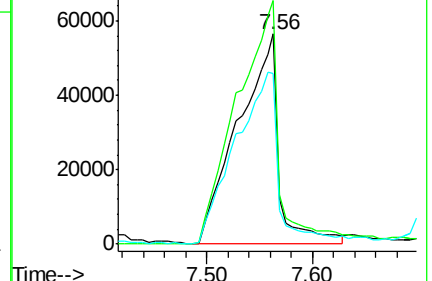
77 81.5 73.7 113.7

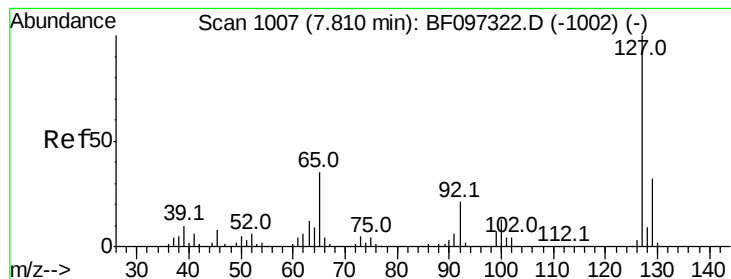


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 42.002 ng

RT: 7.77 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 298882

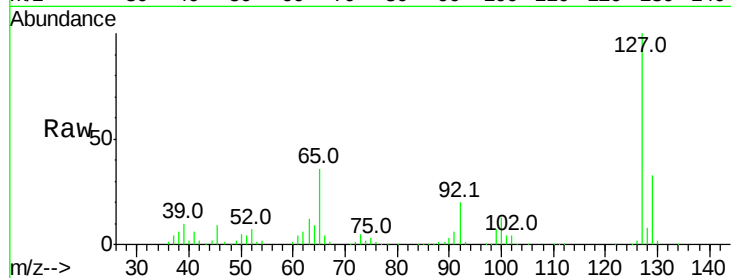
Ion Ratio Lower Upper

127 100

129 33.0 26.2 39.2

65 36.1 27.8 41.8

92 20.2 16.8 25.2

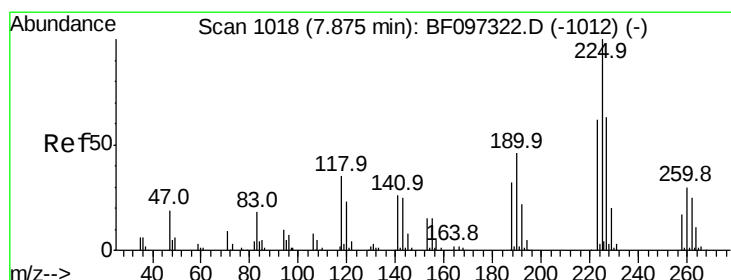
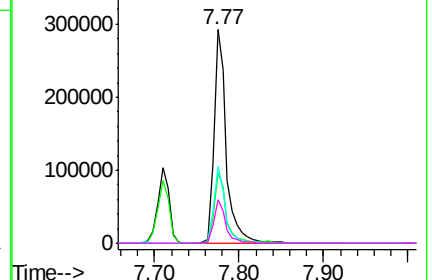
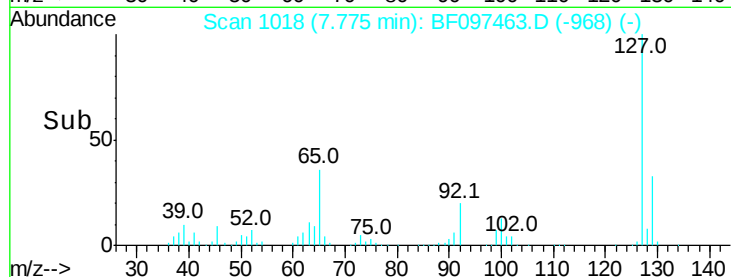


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.282 ng

RT: 7.83 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

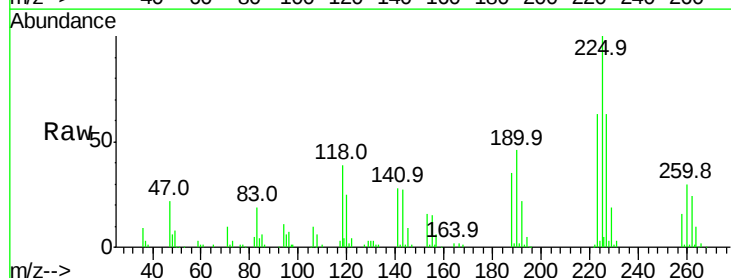
Tgt Ion:225 Resp: 100516

Ion Ratio Lower Upper

225 100

223 63.2 48.8 73.2

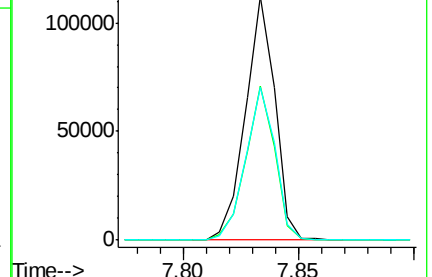
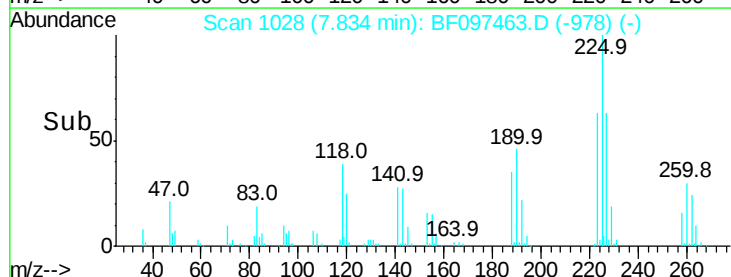
227 63.0 51.1 76.7

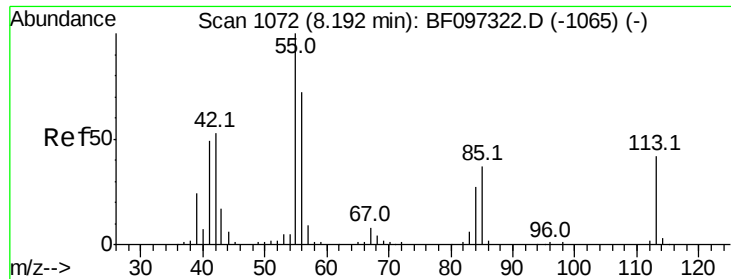


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

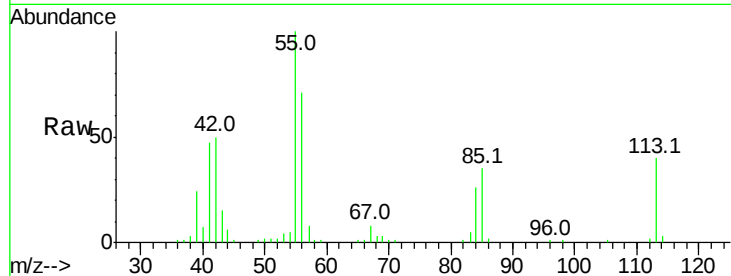




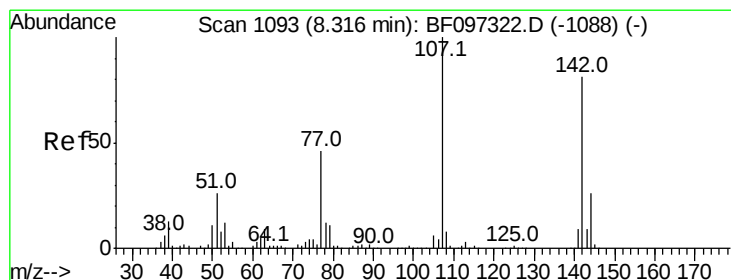
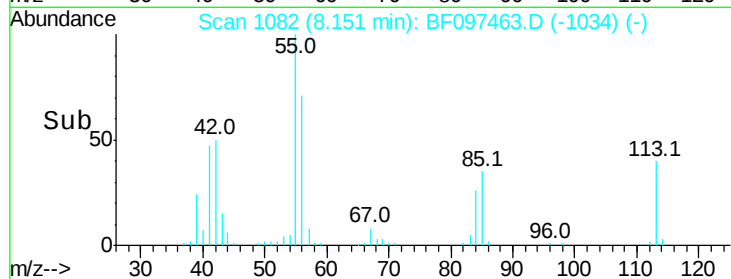
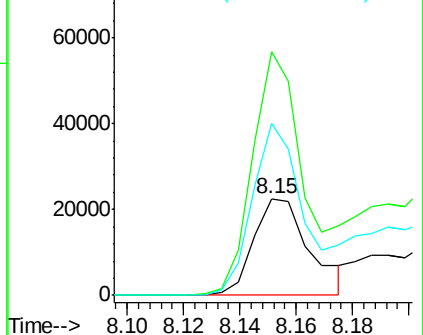
#35
 Caprolactam
 Concen: 19.119 ng
 RT: 8.15 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:113 Resp: 31045
 Ion Ratio Lower Upper
 113 100
 55 251.2 150.2 190.2#
 56 177.3 107.8 147.8#

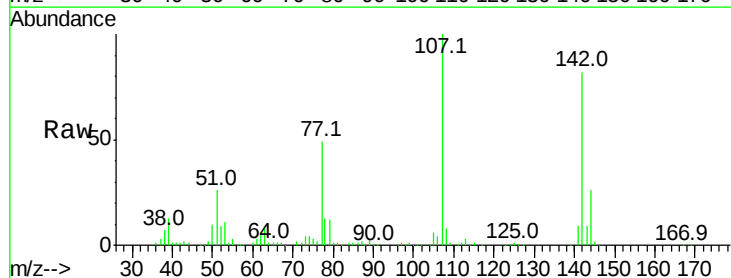


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

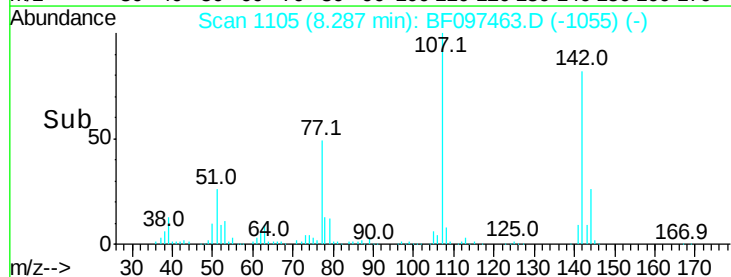
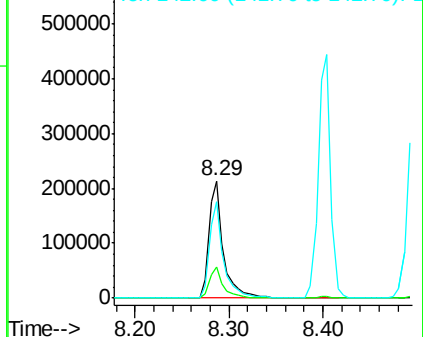


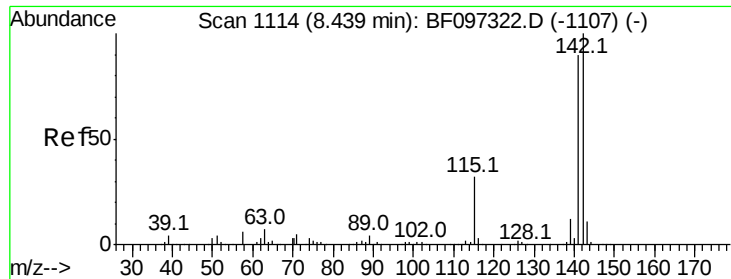
#36
 4-Chloro-3-methylphenol
 Concen: 41.599 ng
 RT: 8.29 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion:107 Resp: 229815
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 82.2 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

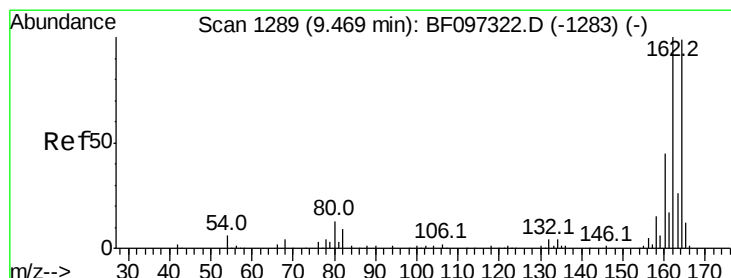
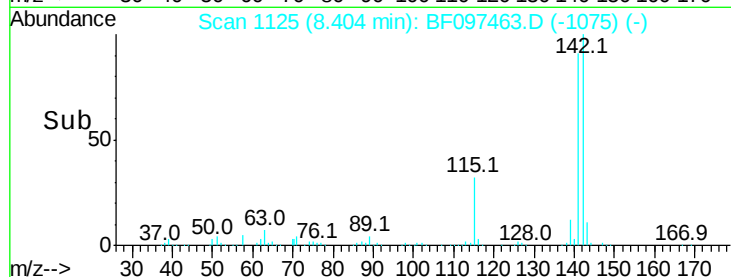
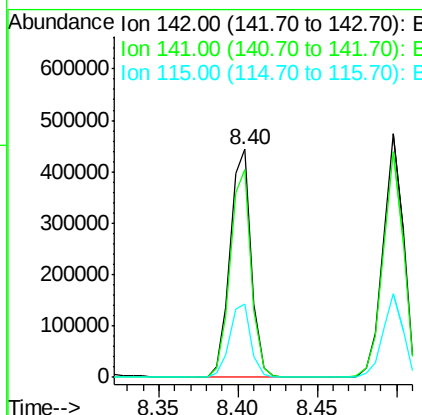
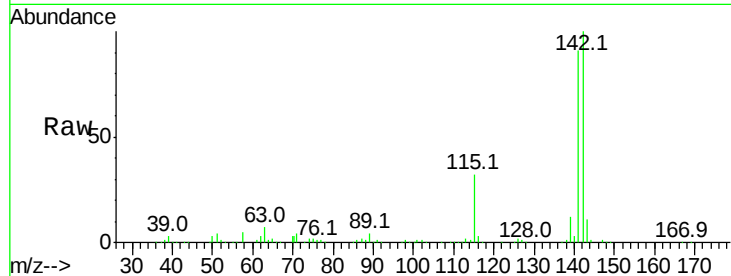




#37
 2-Methylnaphthalene
 Concen: 37.184 ng
 RT: 8.40 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

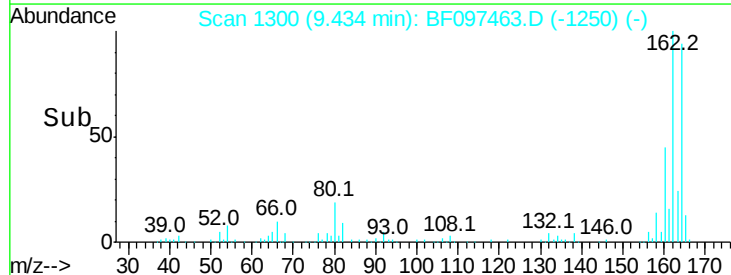
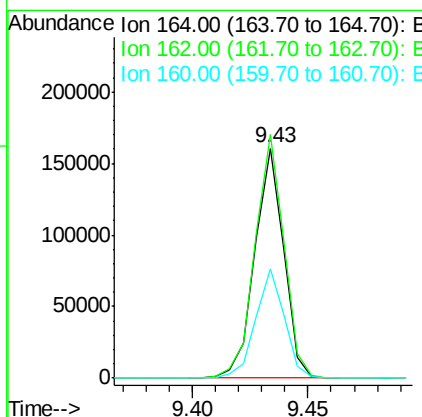
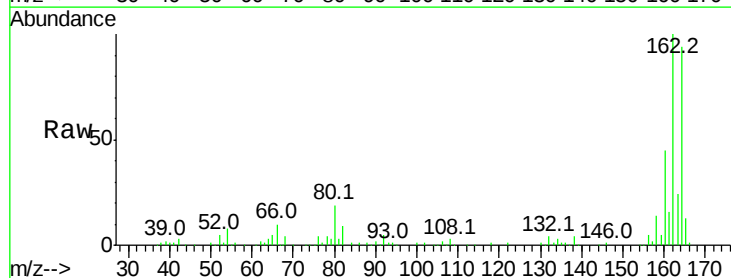
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

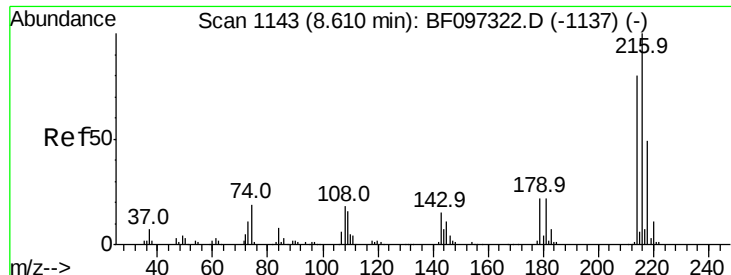
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.3	106.9
115	32.1	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.6	123.8
160	47.4	36.2	54.2

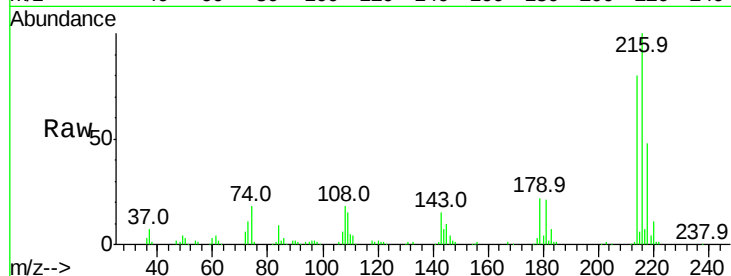




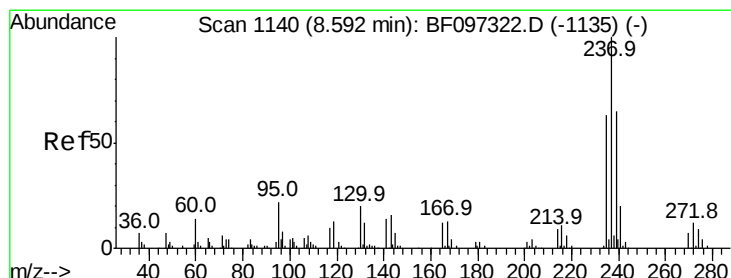
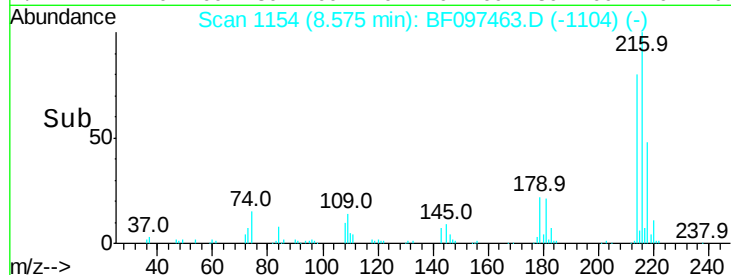
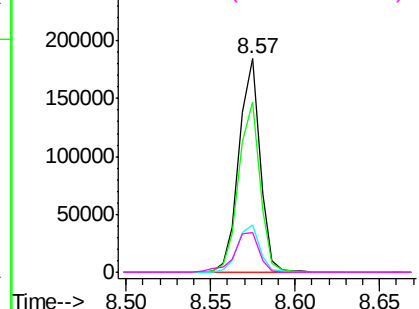
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.466 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	159530
Ion	Ratio	Lower	Upper
216	100		
214	80.9	63.4	95.2
179	22.9	17.9	26.9
108	21.8	16.5	24.7

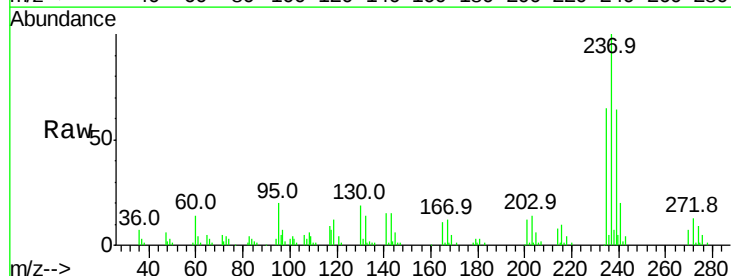


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

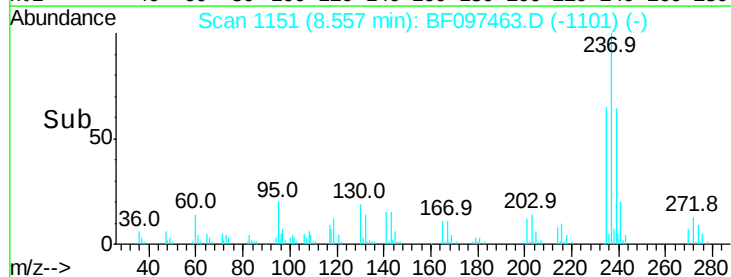
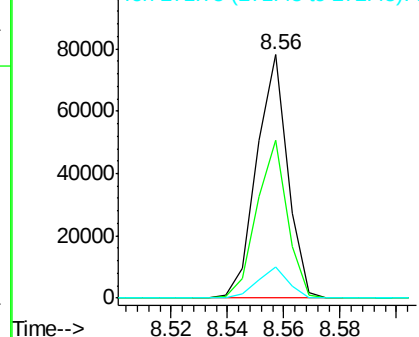


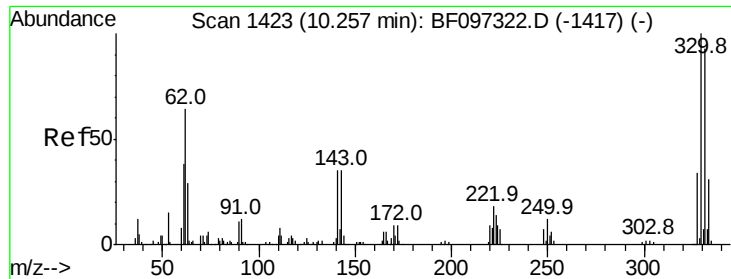
#40
 Hexachlorocyclopentadiene
 Concen: 48.033 ng
 RT: 8.56 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion:	237	Resp:	59327
Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.6	82.6
272	12.8	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

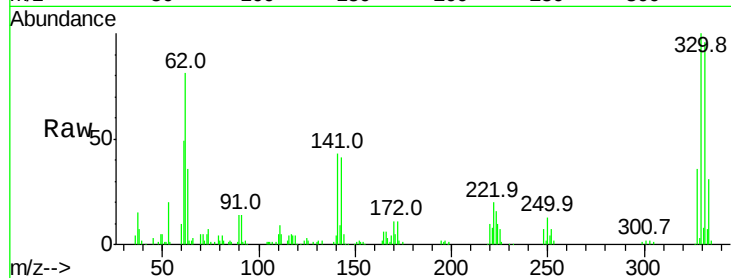




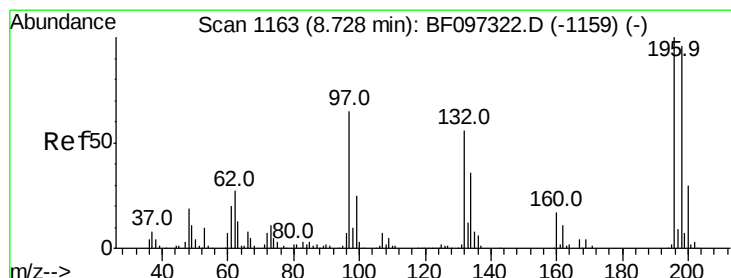
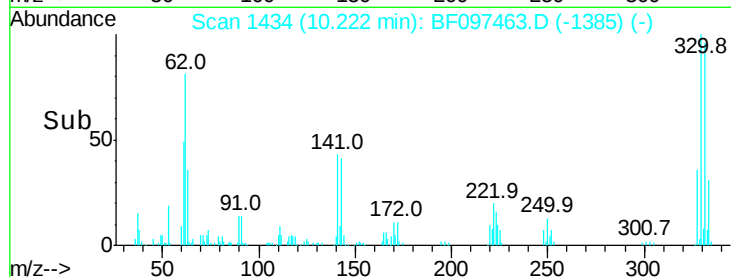
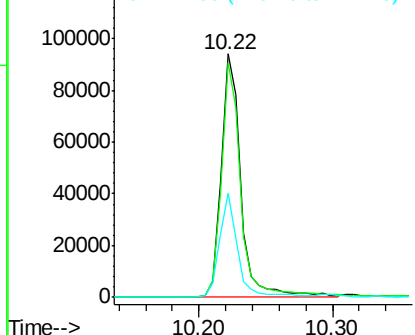
#41
 2,4,6-Tribromophenol
 Concen: 88.600 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 98556
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 39.3 31.4 47.2

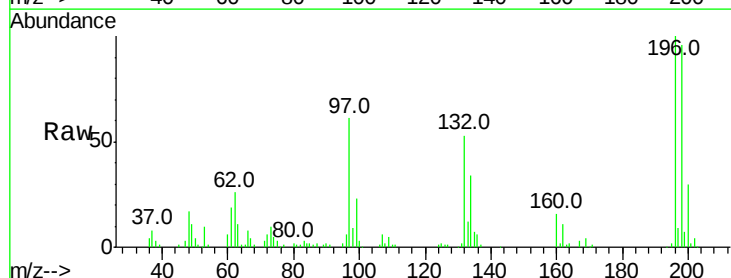


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

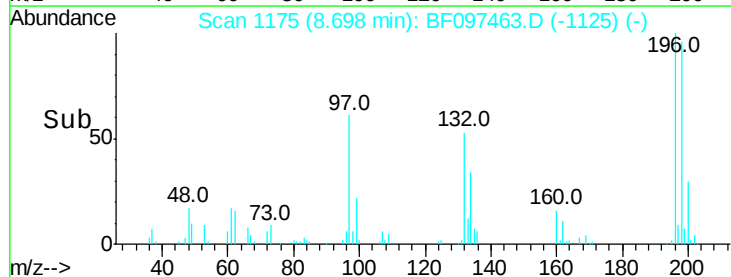
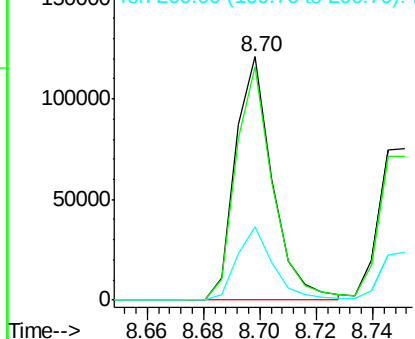


#42
 2,4,6-Trichlorophenol
 Concen: 40.667 ng
 RT: 8.70 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion:196 Resp: 110708
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.2 111.4
 200 30.1 24.0 36.0



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

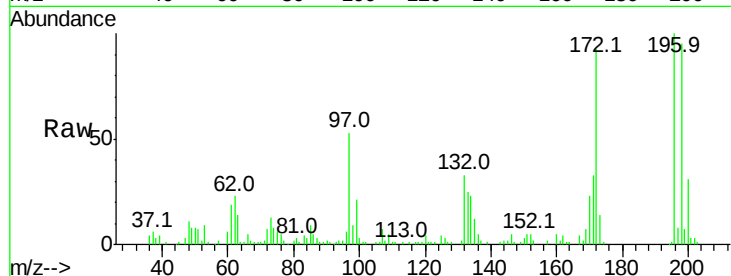




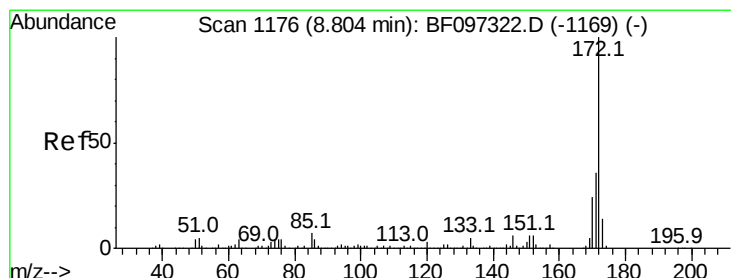
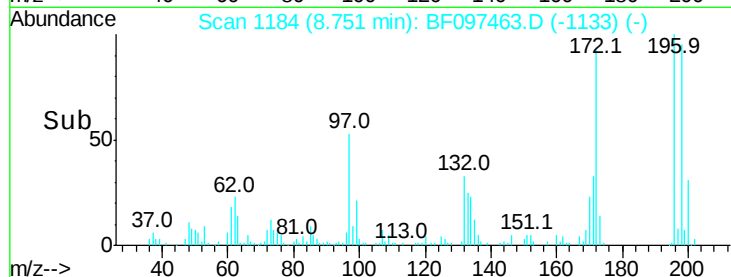
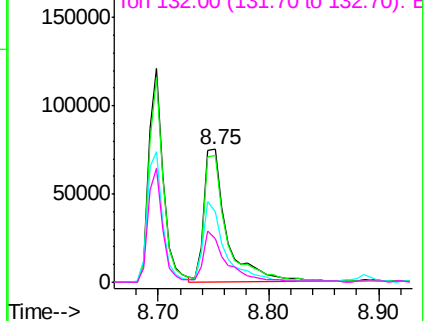
#43
 2,4,5-Trichlorophenol
 Concen: 38.741 ng
 RT: 8.75 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	105561
Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
97	53.1	47.7	71.5
132	33.1	28.0	42.0

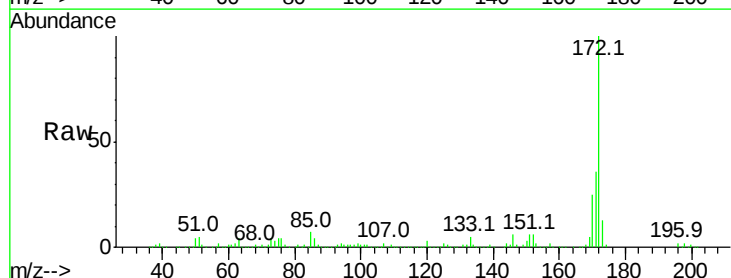


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

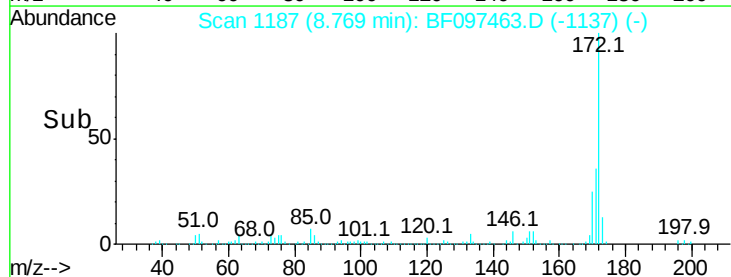
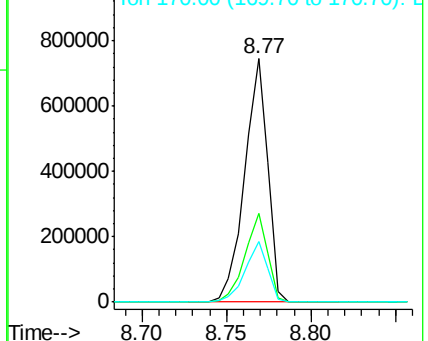


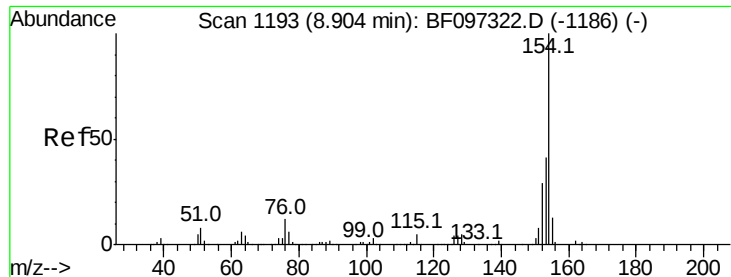
#44
 2-Fluorobiphenyl
 Concen: 85.905 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion:	172	Resp:	712653
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.8	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 46.010 ng

RT: 8.87 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

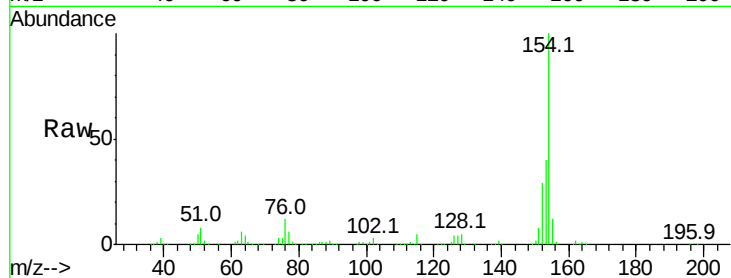
Tot Ion:154 Resp: 553290

Ion Ratio Lower Upper

154 100

153 40.0 21.2 61.2

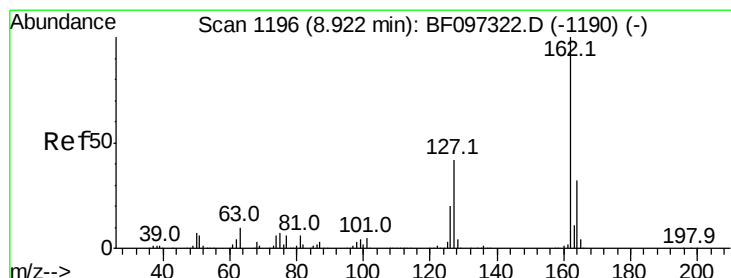
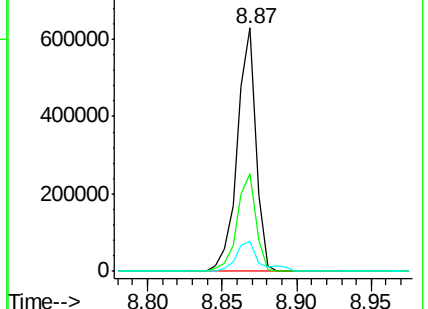
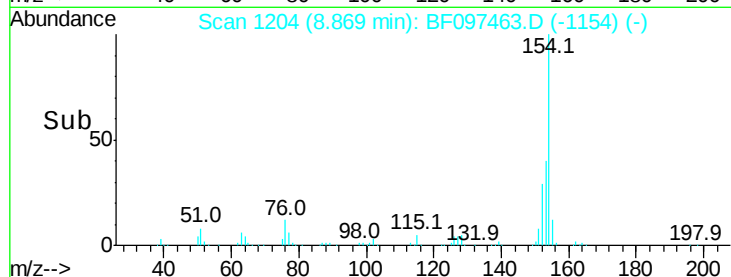
76 12.4 0.0 29.9



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: 46.068 ng

RT: 8.89 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

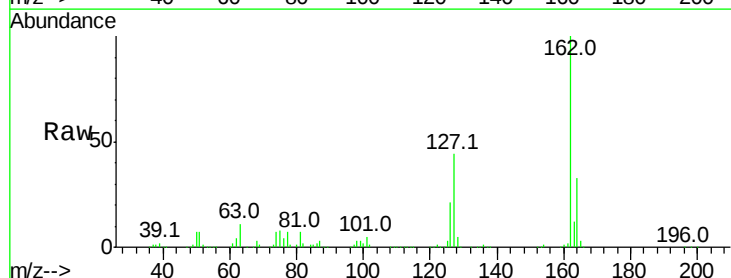
Tgt Ion:162 Resp: 407672

Ion Ratio Lower Upper

162 100

127 44.1 28.3 42.5#

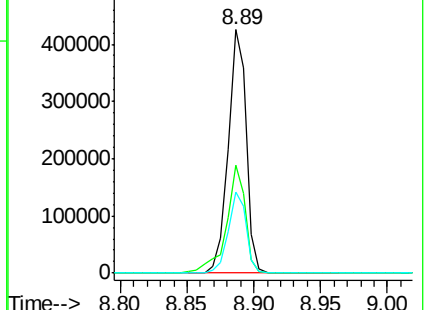
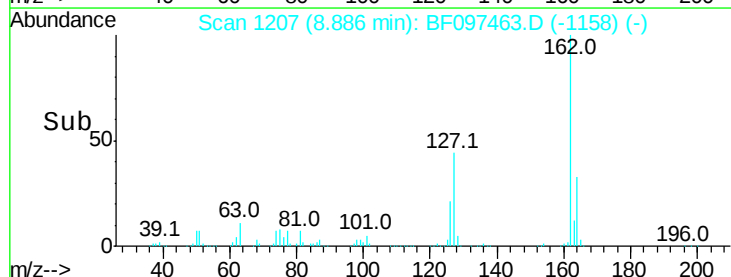
164 33.2 27.0 40.4

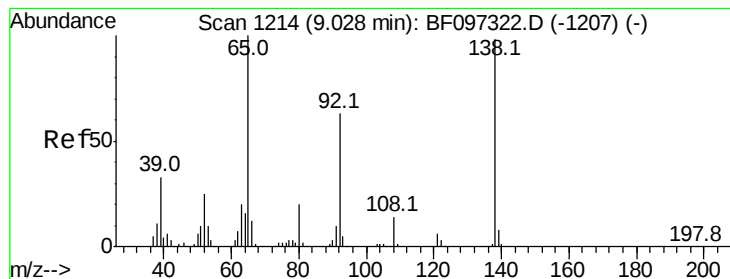


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.974 ng

RT: 9.00 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

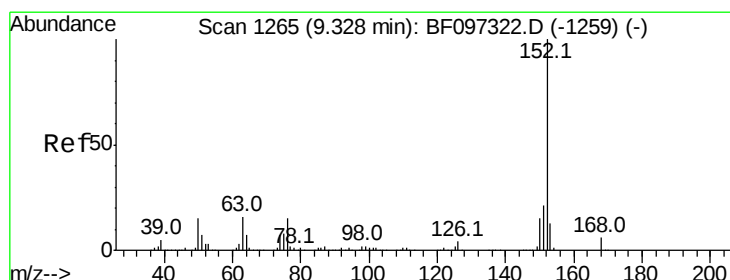
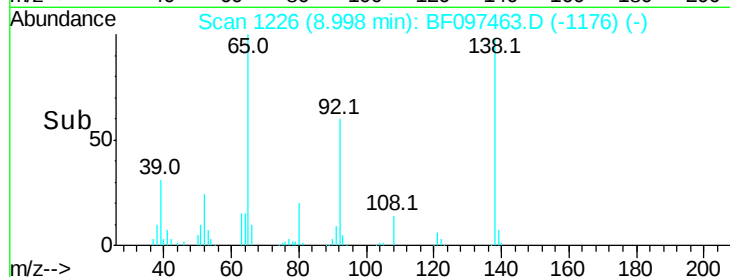
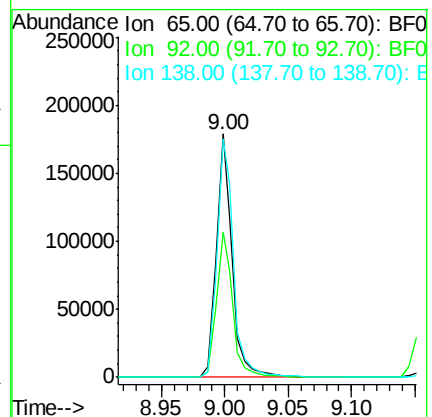
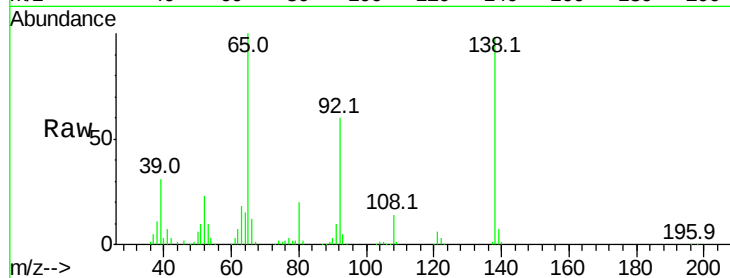
Tot Ion: 65 Resp: 157282

Ion Ratio Lower Upper

65 100

92 59.5 53.9 80.9

138 97.9 78.8 118.2



#48

Acenaphthylene

Concen: 42.211 ng

RT: 9.29 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

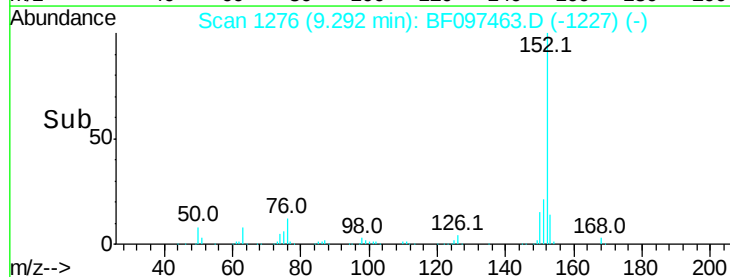
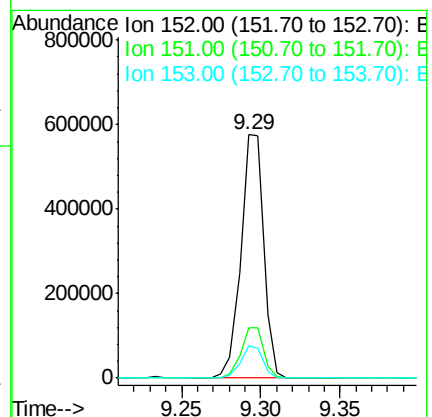
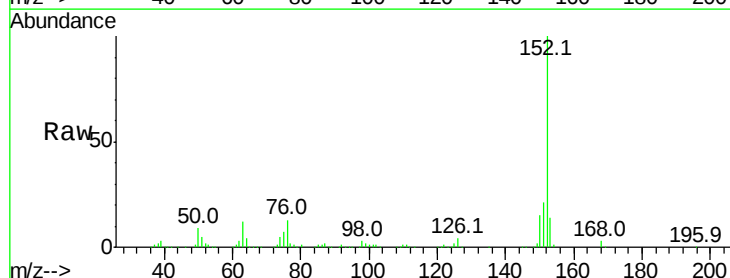
Tgt Ion: 152 Resp: 573345

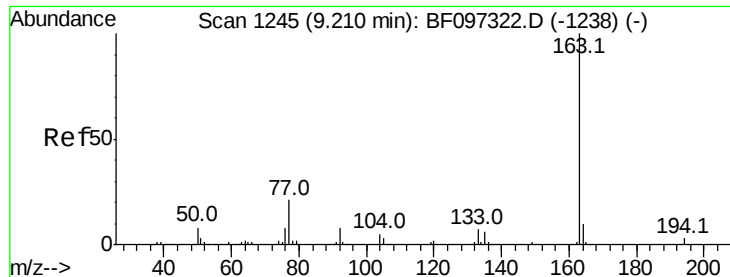
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 13.6 10.8 16.2

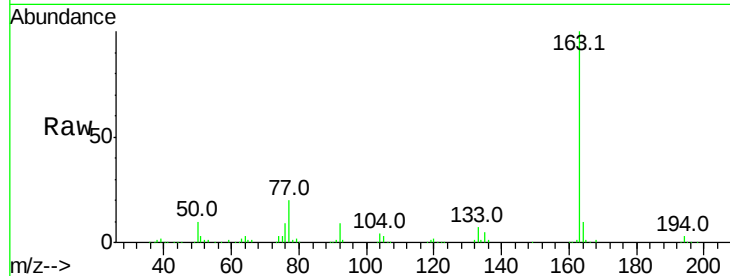




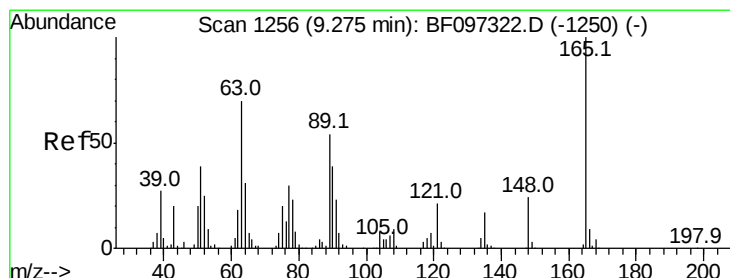
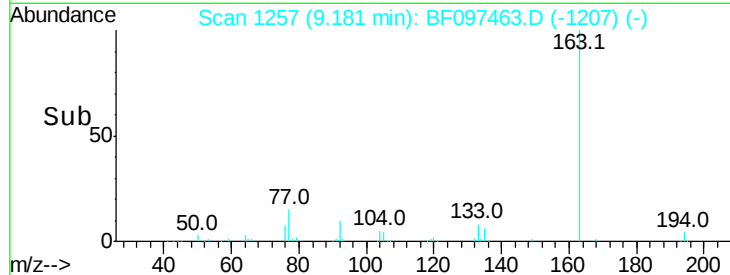
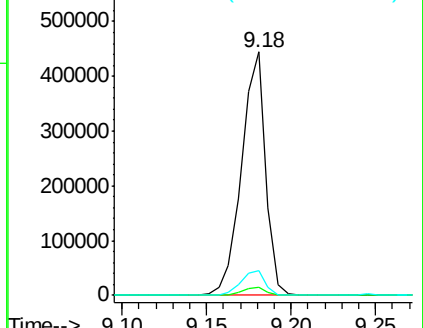
#49
Dimethylphthalate
Concen: 41.393 ng
RT: 9.18 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

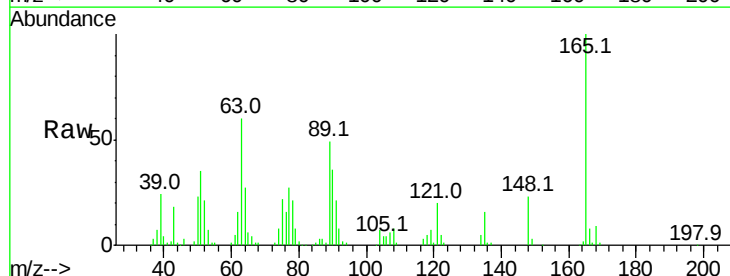


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

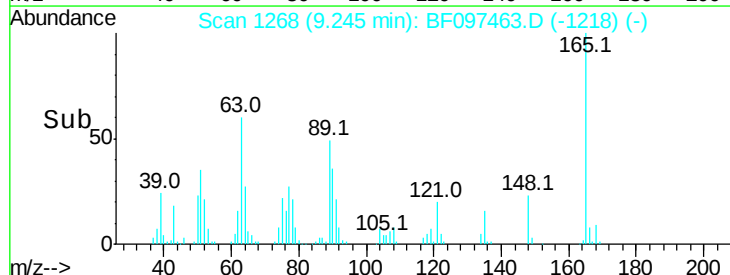
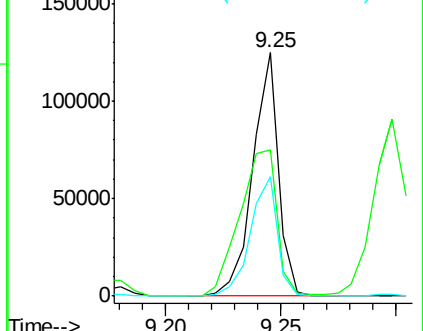


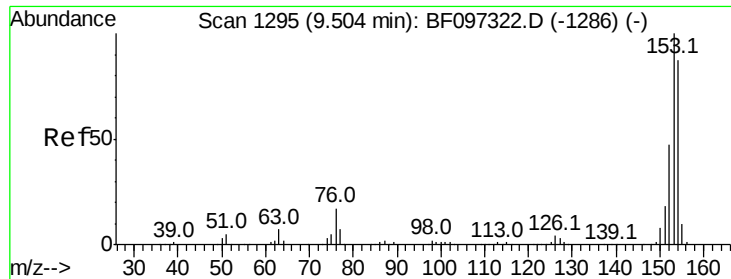
#50
2,6-Dinitrotoluene
Concen: 42.919 ng
RT: 9.25 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.0	34.3	51.5#
89	48.9	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

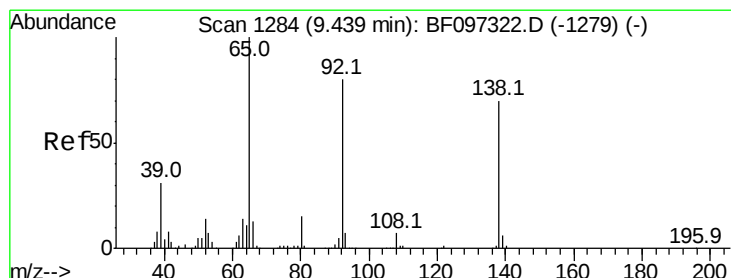
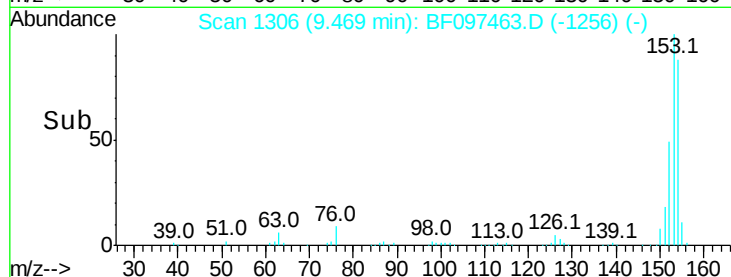
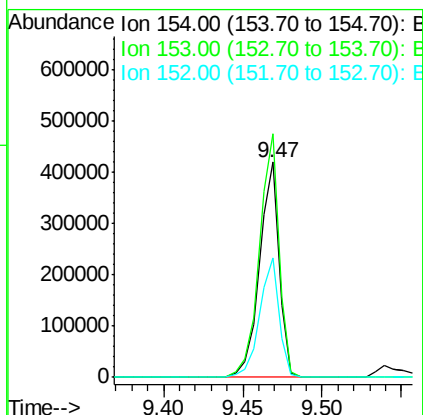
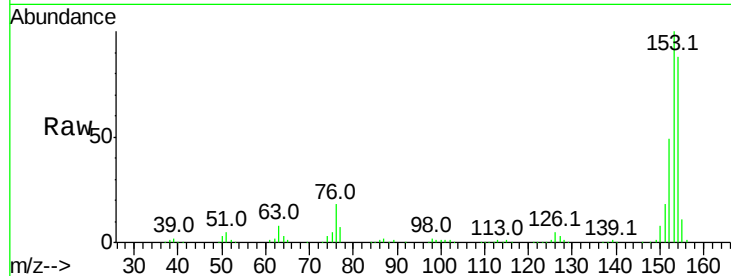




#51
Acenaphthene
Concen: 45.496 ng
RT: 9.47 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

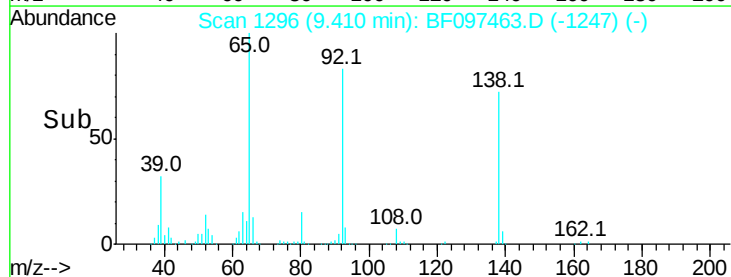
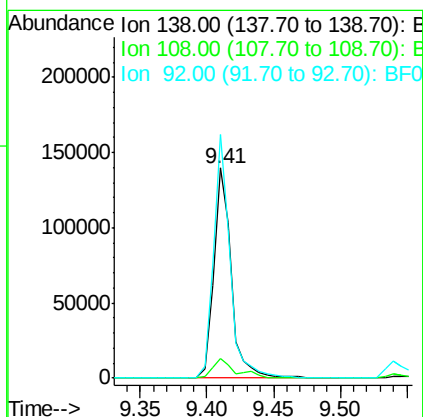
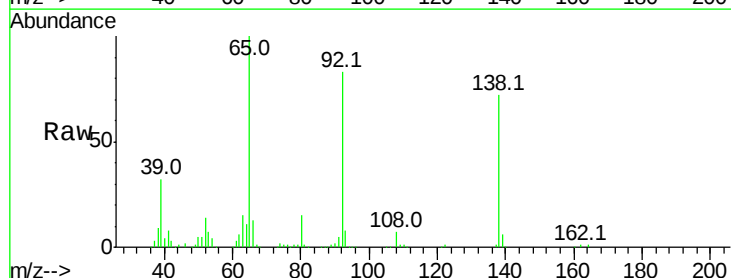
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

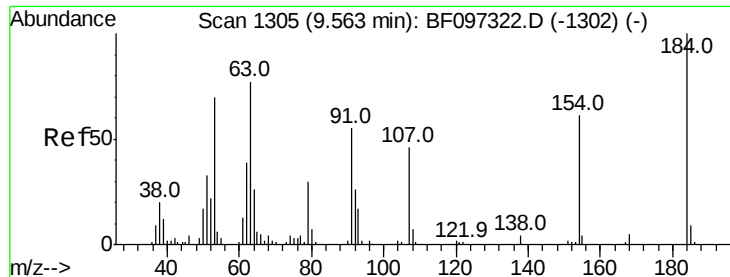
Tot Ion:154 Resp: 364006
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 55.4 43.6 65.4



#52
3-Nitroaniline
Concen: 45.661 ng
RT: 9.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Tgt Ion:138 Resp: 128517
Ion Ratio Lower Upper
138 100
108 9.4 9.1 13.7
92 115.9 93.8 140.6

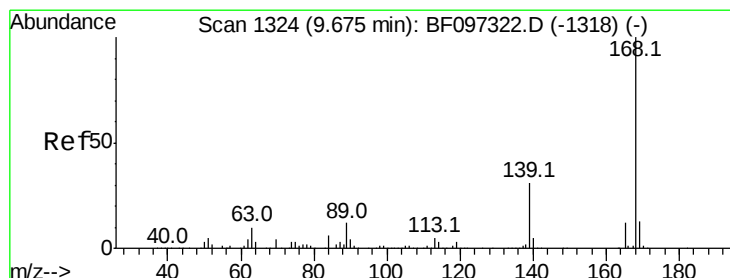
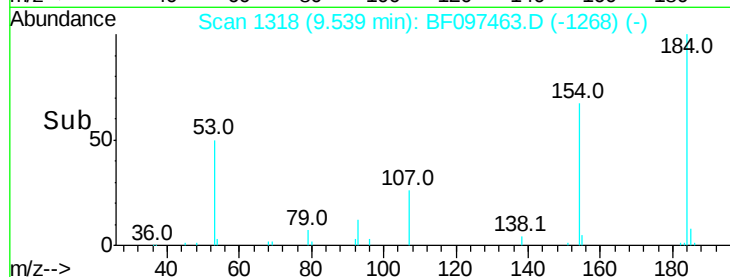
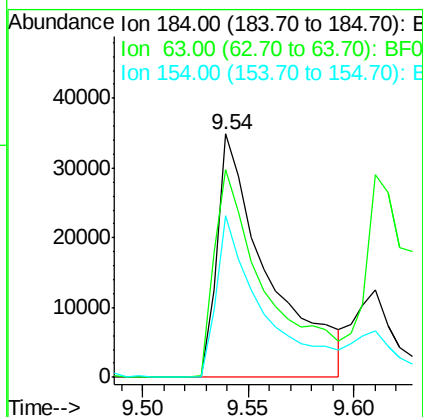
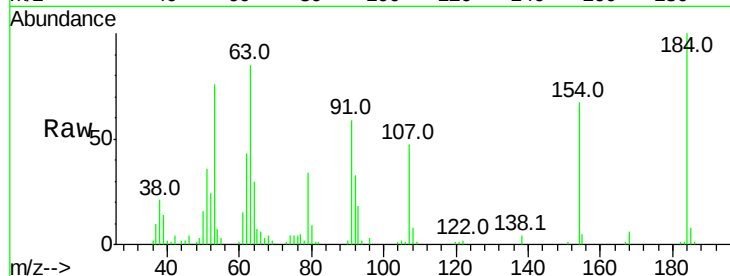




#53
 2,4-Dinitrophenol
 Concen: 56.735 ng
 RT: 9.54 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

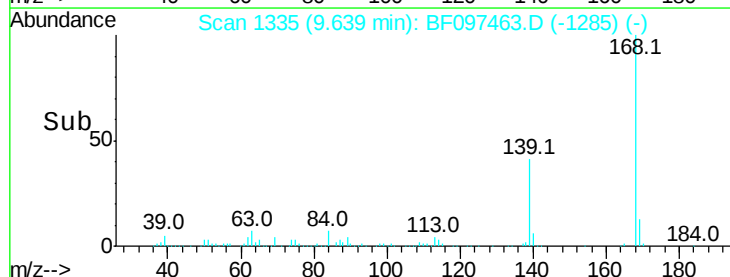
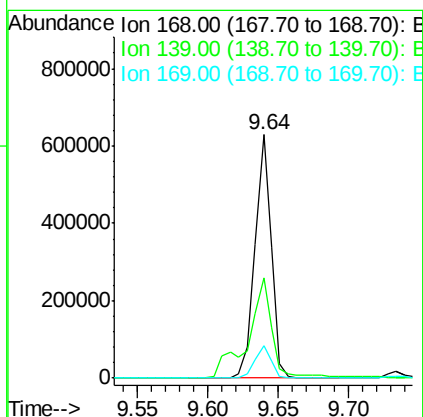
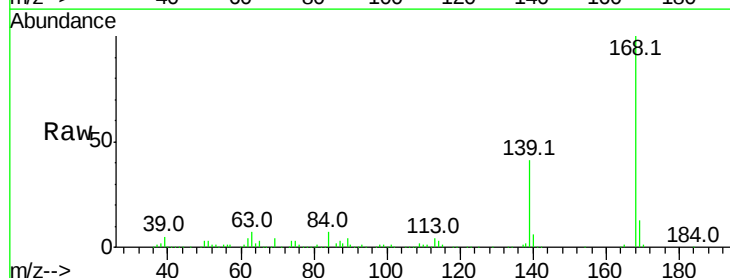
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

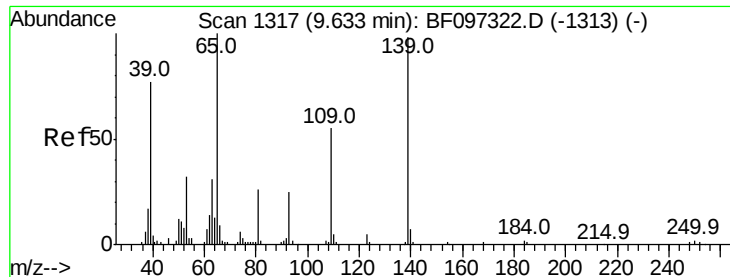
Tot Ion:184 Resp: 58494
 Ion Ratio Lower Upper
 184 100
 63 85.4 62.7 94.1
 154 66.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 48.244 ng
 RT: 9.64 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion:168 Resp: 514130
 Ion Ratio Lower Upper
 168 100
 139 41.0 30.6 45.8
 169 13.3 10.8 16.2

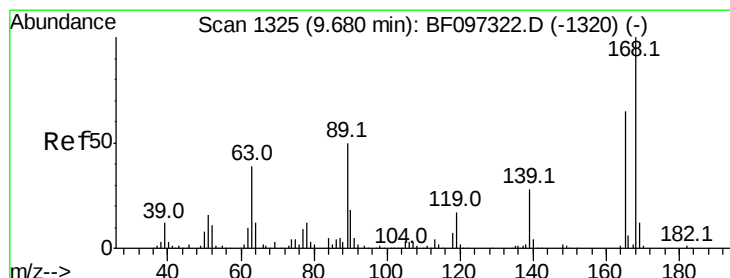
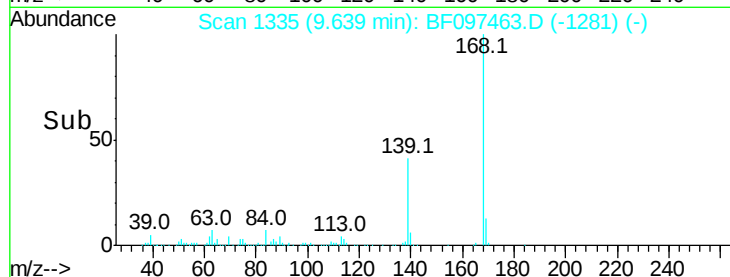
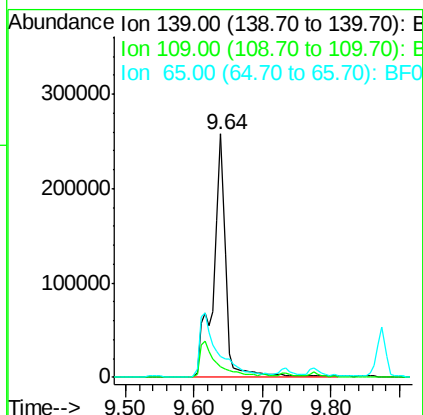
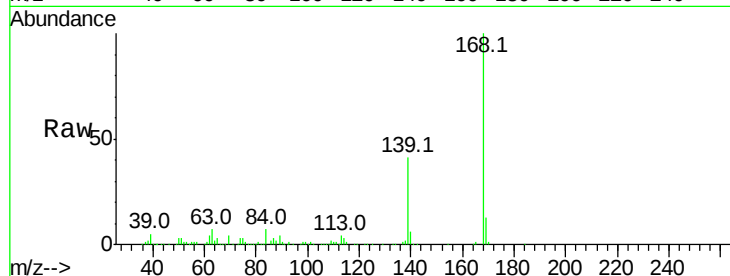




#55
4-Nitrophenol
Concen: 195.800 ng
RT: 9.64 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

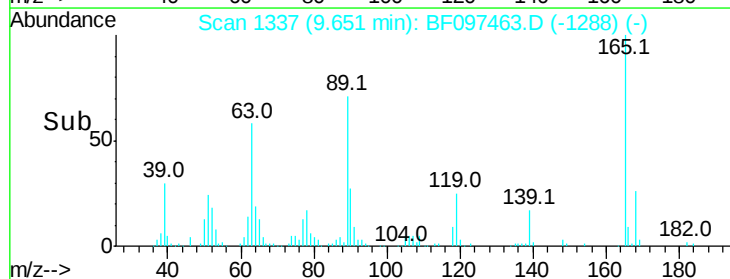
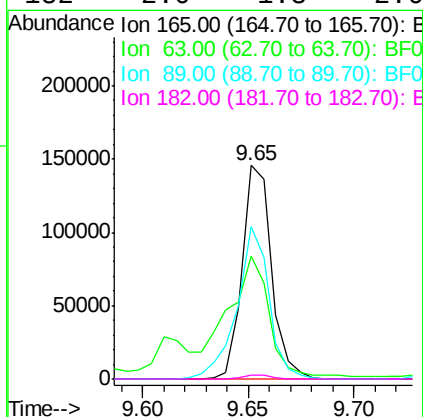
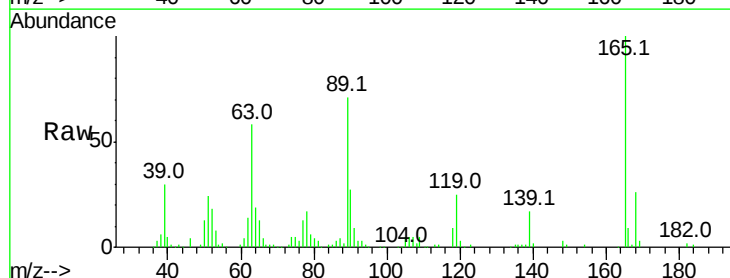
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

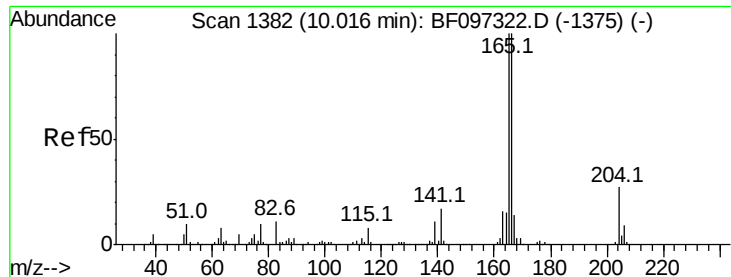
Tot Ion:139 Resp: 327728
Ion Ratio Lower Upper
139 100
109 4.5 34.1 74.1#
65 8.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 53.641 ng
RT: 9.65 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Tgt Ion:165 Resp: 139828
Ion Ratio Lower Upper
165 100
63 57.7 25.4 38.0#
89 71.5 46.4 69.6#
182 2.0 1.8 2.6

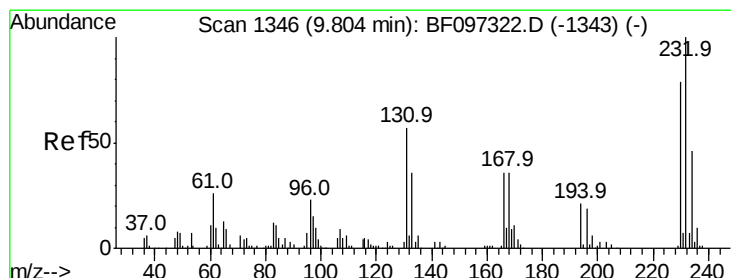
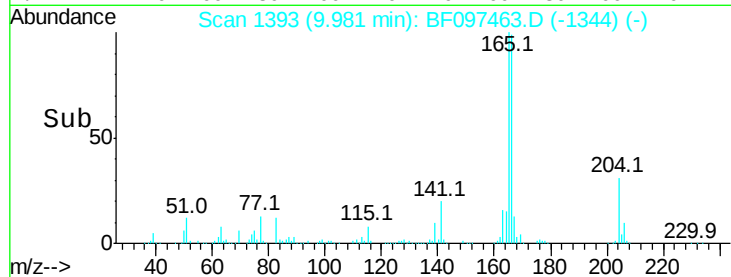
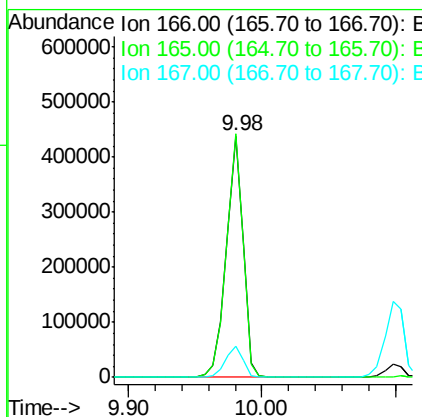
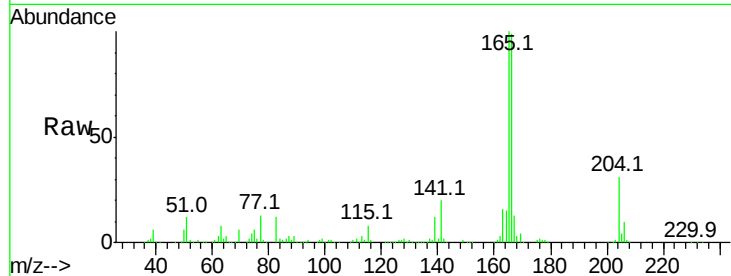




#57
 Fluorene
 Concen: 49.228 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

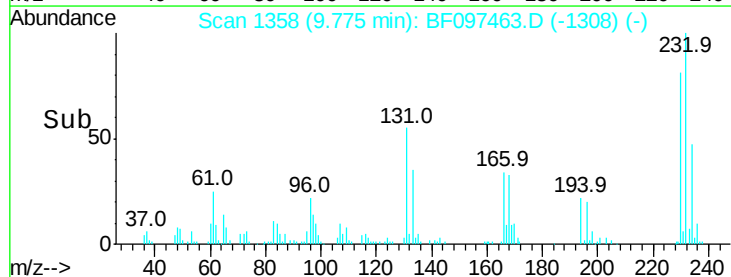
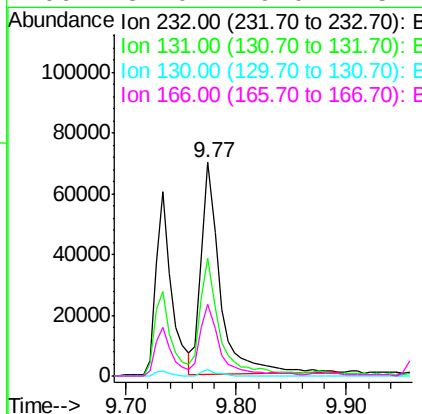
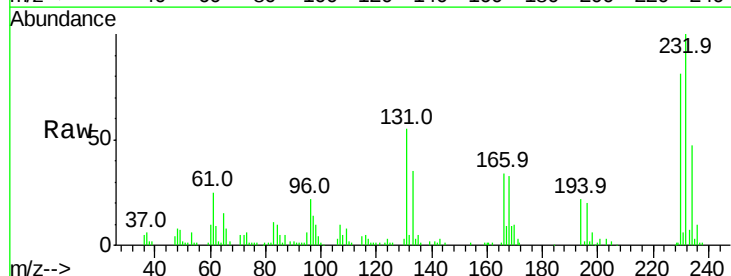
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

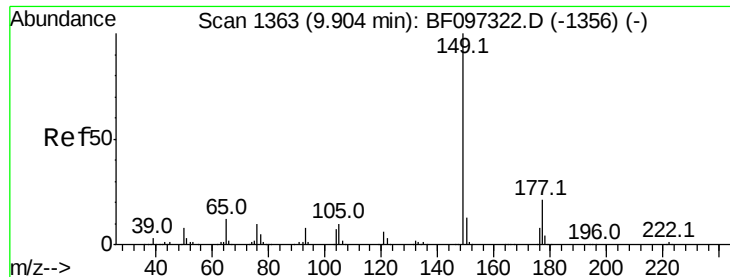
Tot Ion:166 Resp: 394306
 Ion Ratio Lower Upper
 166 100
 165 100.9 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.309 ng
 RT: 9.77 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion:232 Resp: 81481
 Ion Ratio Lower Upper
 232 100
 131 55.7 44.8 67.2
 130 2.4 2.3 3.5
 166 34.0 29.0 43.4

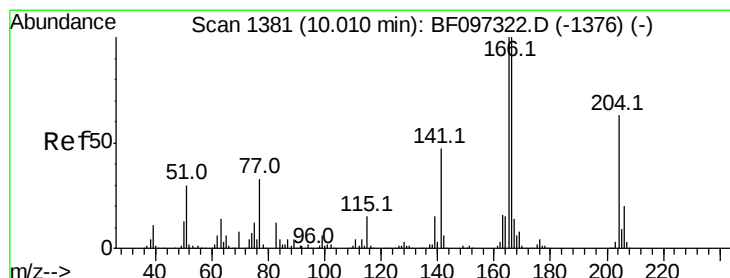
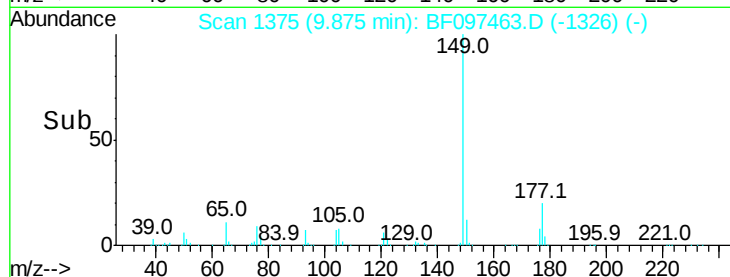
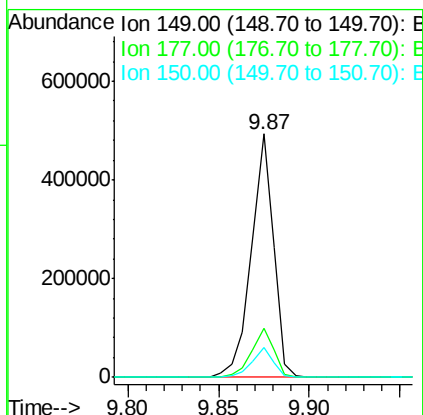
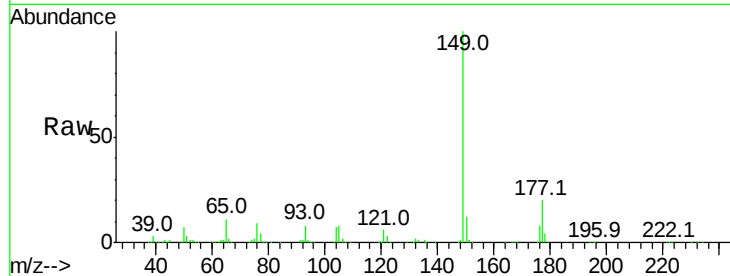




#59
Diethylphthalate
Concen: 42.973 ng
RT: 9.87 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

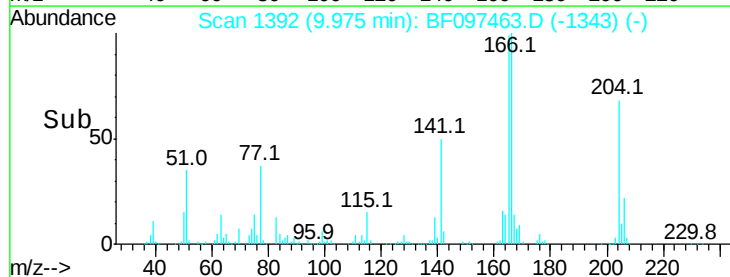
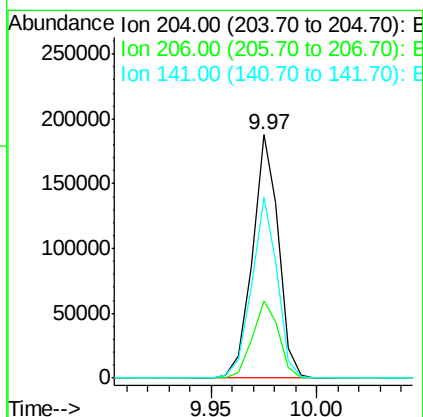
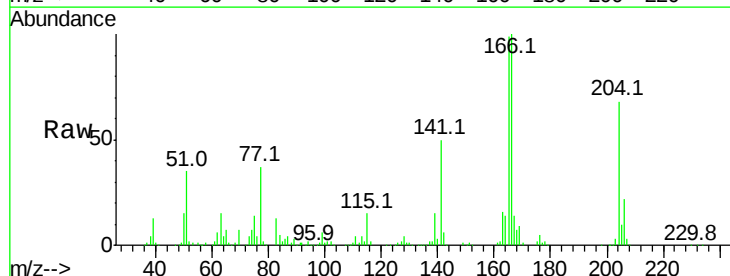
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

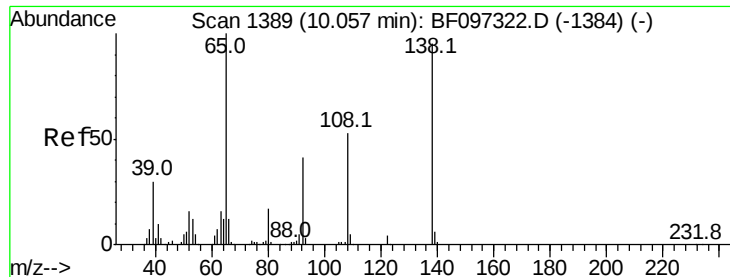
Tot Ion:149 Resp: 421505
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 48.503 ng
RT: 9.97 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Tgt Ion:204 Resp: 160427
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 74.1 60.8 91.2

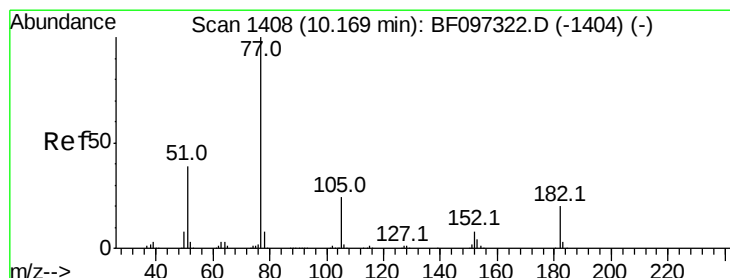
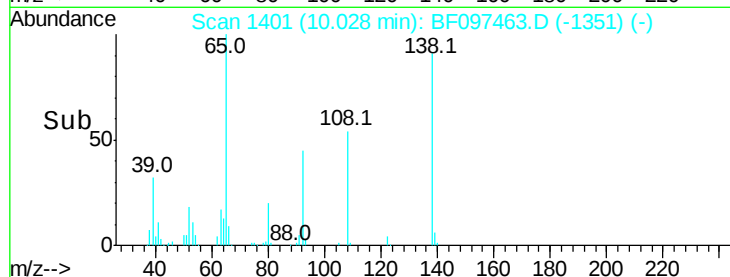
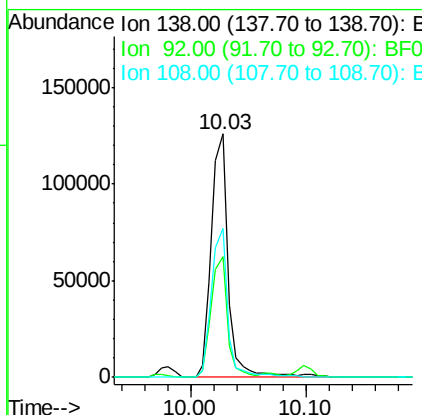
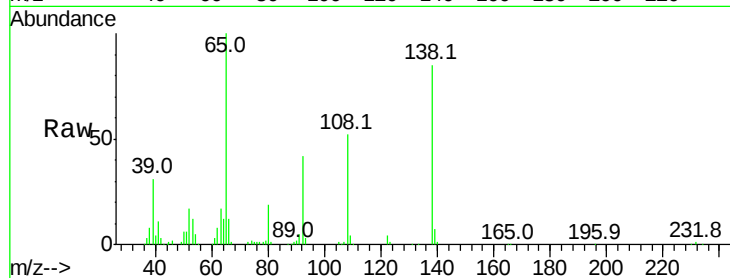




#61
4-Nitroaniline
Concen: 48.273 ng
RT: 10.03 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

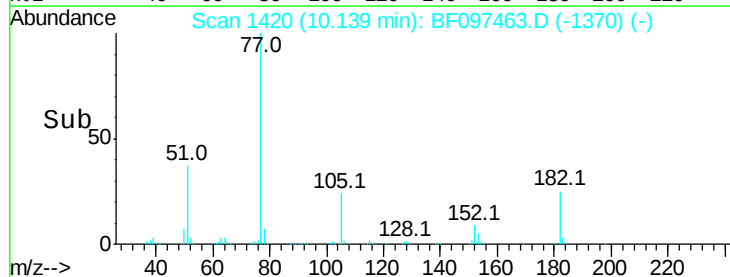
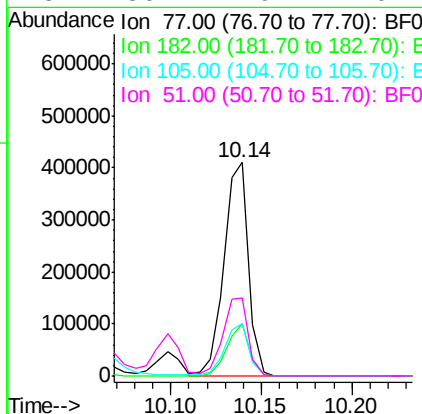
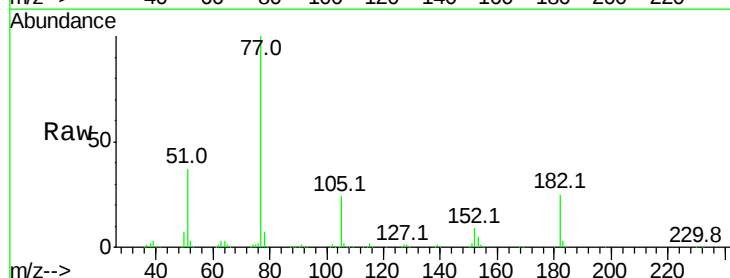
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

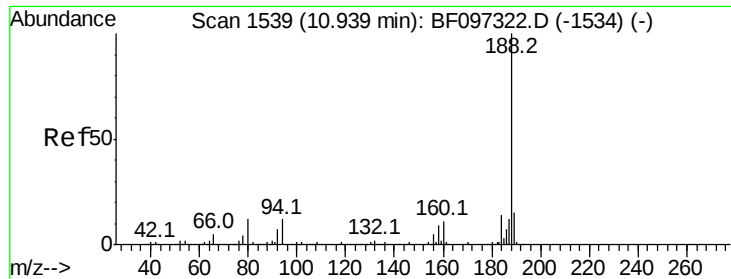
Tot Ion:138 Resp: 129101
Ion Ratio Lower Upper
138 100
92 49.8 21.8 61.8
108 61.2 42.3 82.3



#62
Azobenzene
Concen: 42.300 ng
RT: 10.14 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Tgt Ion: 77 Resp: 384901
Ion Ratio Lower Upper
77 100
182 24.6 0.1 40.1
105 24.4 3.6 43.6
51 36.7 9.4 49.4

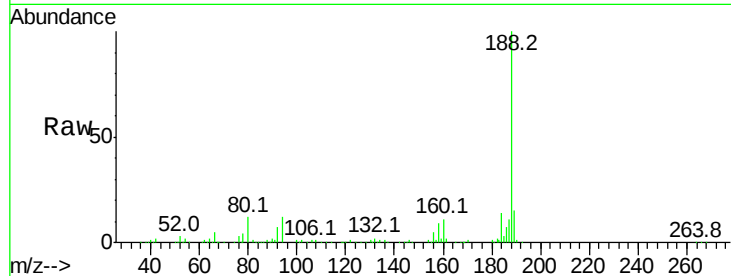




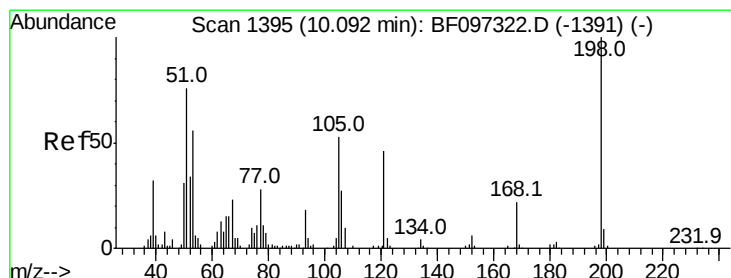
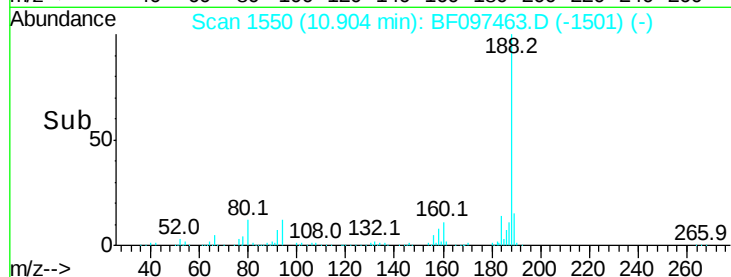
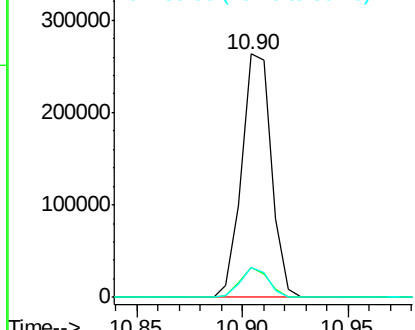
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 257528
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 12.5 10.2 15.2

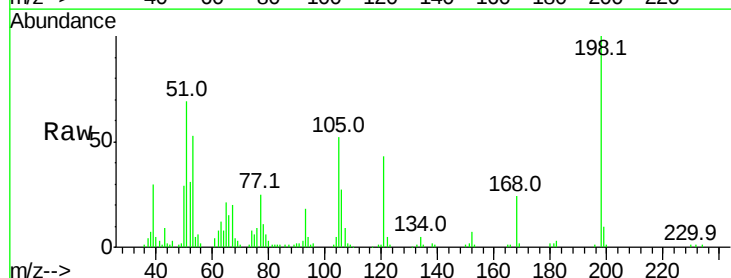


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

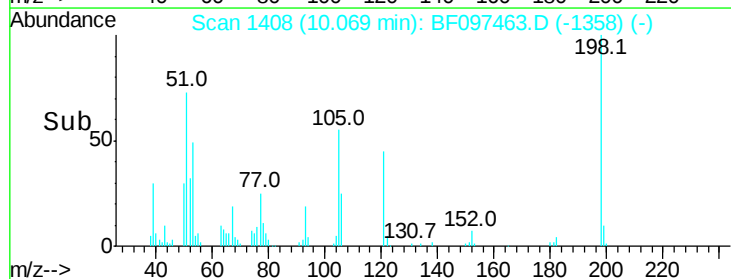
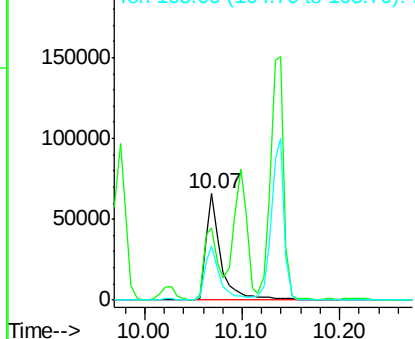


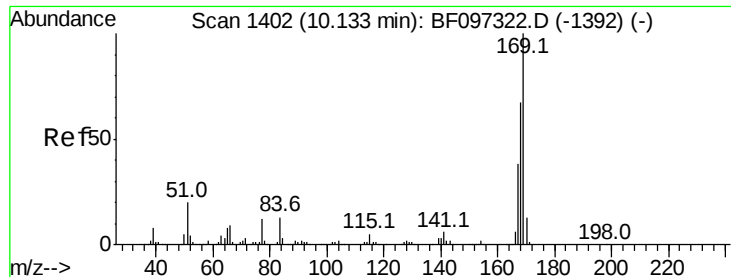
#64
4,6-Dinitro-2-methylphenol
Concen: 43.977 ng
RT: 10.07 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Tgt Ion:198 Resp: 70374
Ion Ratio Lower Upper
198 100
51 68.5 53.2 93.2
105 51.6 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: 40.459 ng

RT: 10.10 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

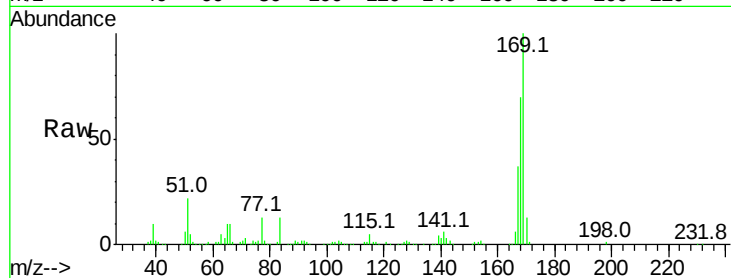
Tot Ion:169 Resp: 362528

Ion Ratio Lower Upper

169 100

168 69.9 53.2 79.8

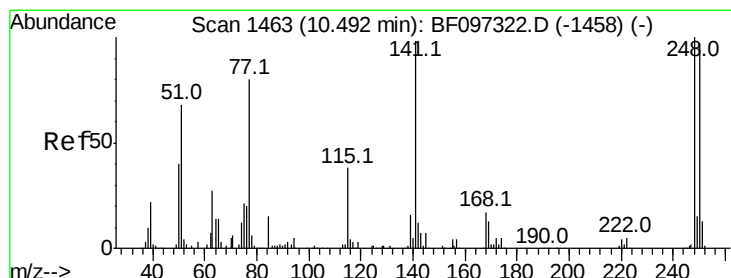
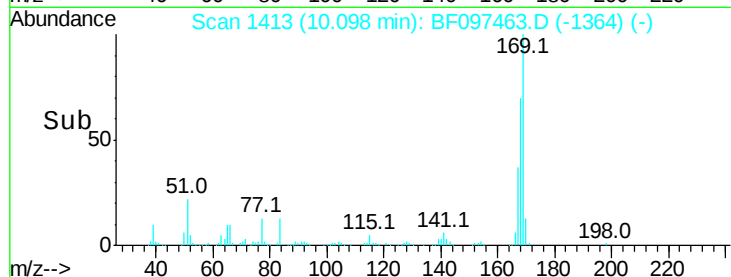
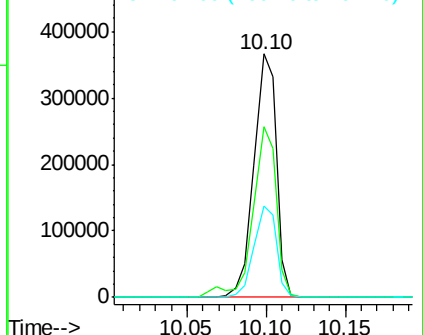
167 37.4 29.5 44.3



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: 40.952 ng

RT: 10.46 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

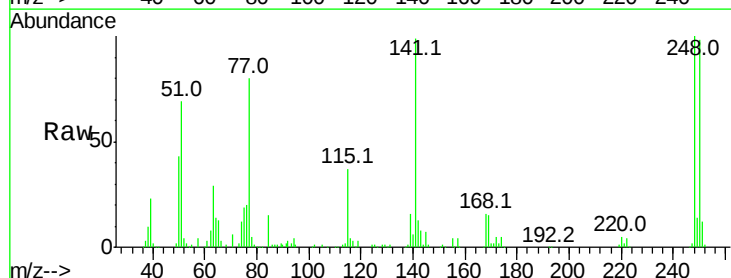
Tgt Ion:248 Resp: 105248

Ion Ratio Lower Upper

248 100

250 97.7 76.8 115.2

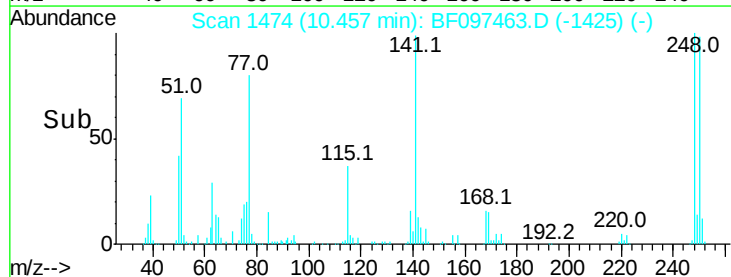
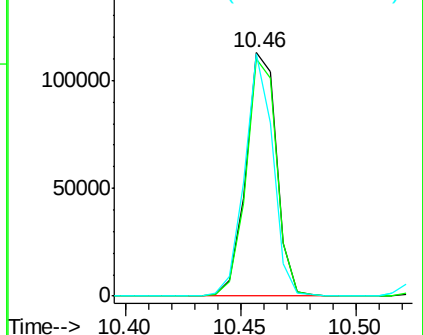
141 99.4 68.6 103.0

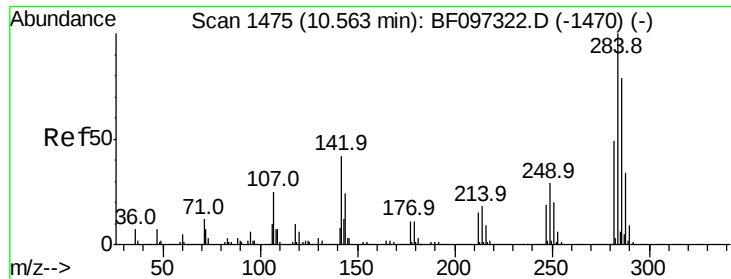


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

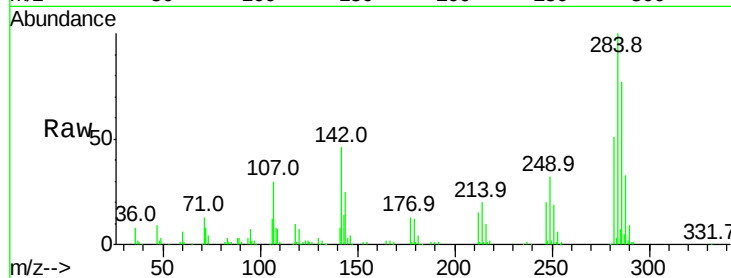




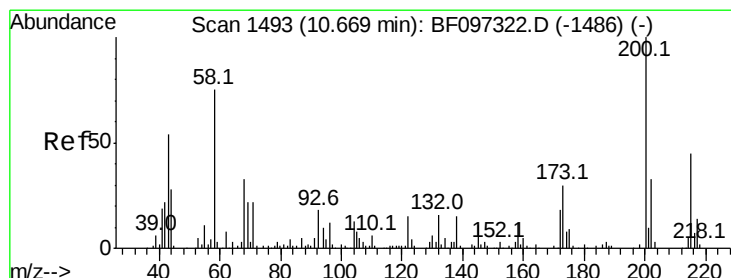
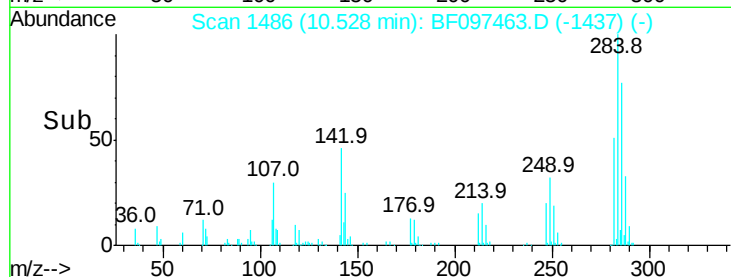
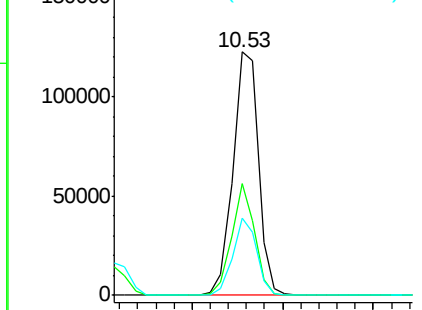
#67
Hexachlorobenzene
Concen: 41.736 ng
RT: 10.53 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	46.1	22.8	34.2#
249	31.7	24.0	36.0

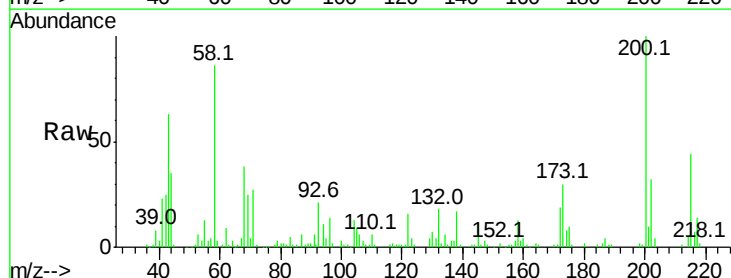


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

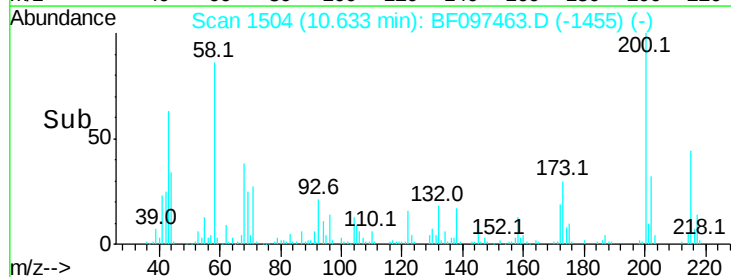
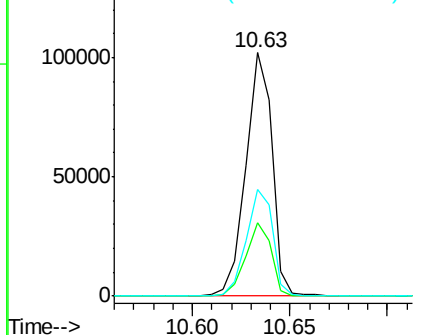


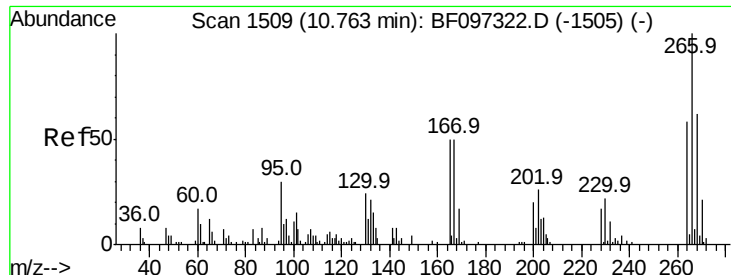
#68
Atrazine
Concen: 37.039 ng
RT: 10.63 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.3	6.3	46.3
215	44.0	27.2	67.2



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

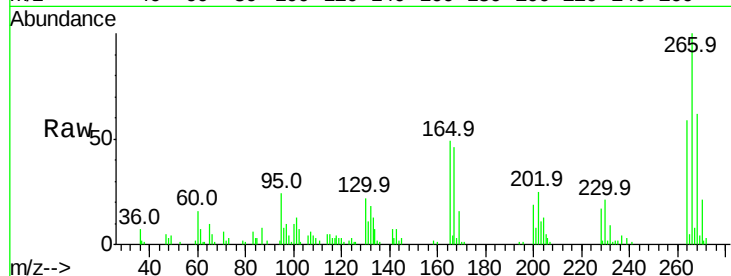




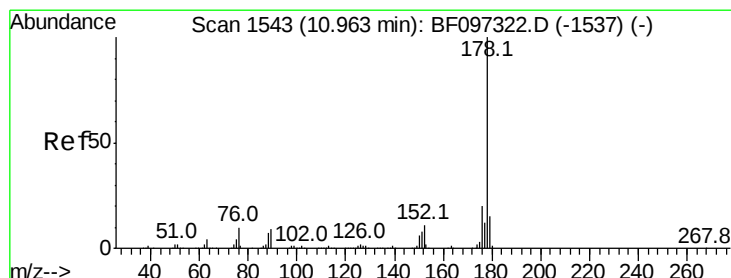
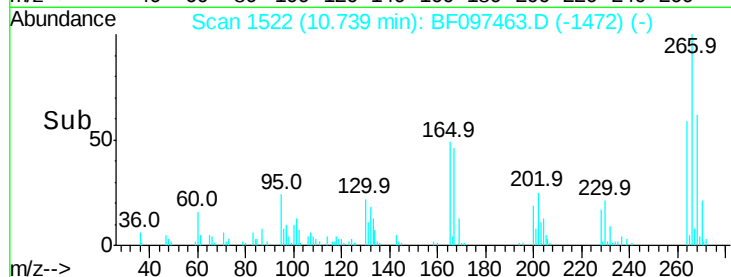
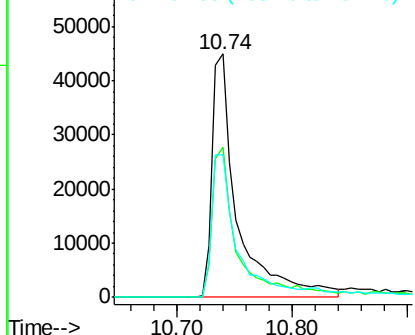
#69
 Pentachlorophenol
 Concen: 57.785 ng
 RT: 10.74 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	58.7	51.7	77.5

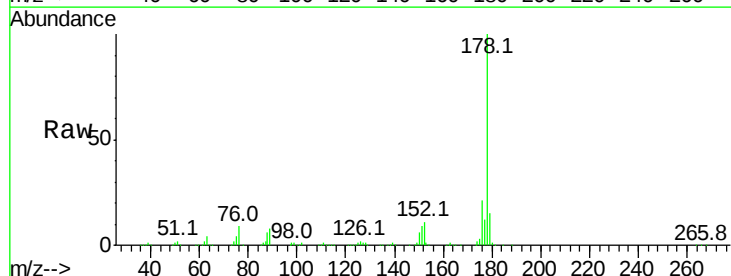


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

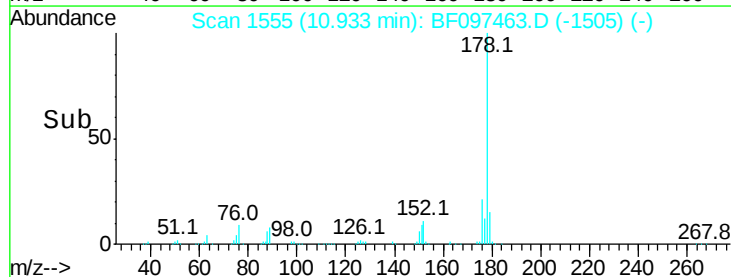
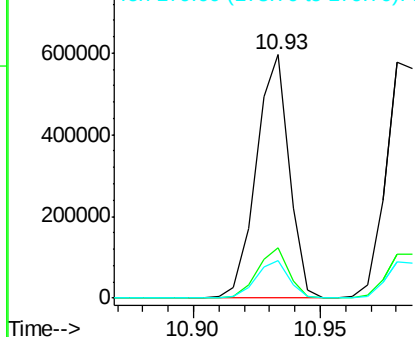


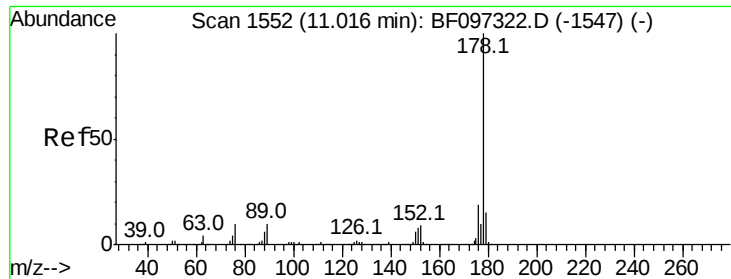
#70
 Phenanthrene
 Concen: 39.195 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	15.5	12.6	19.0



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

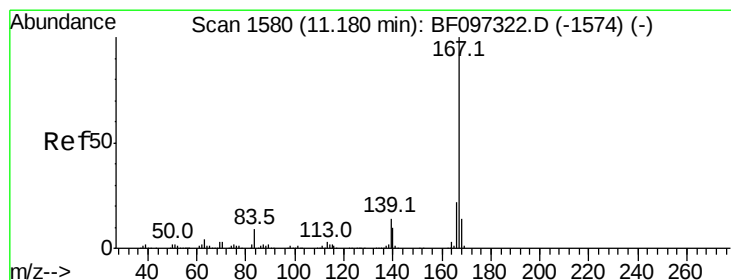
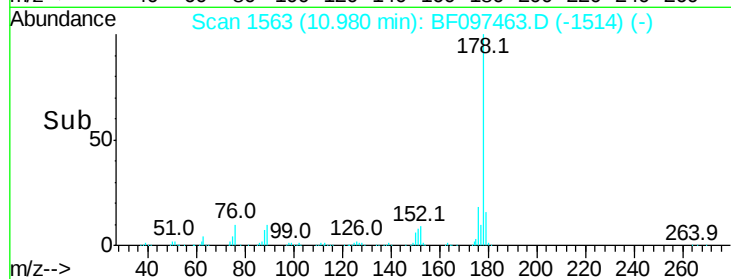
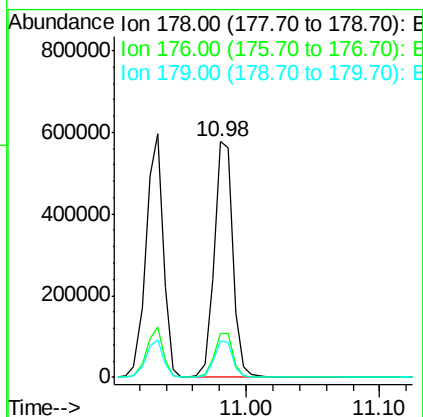
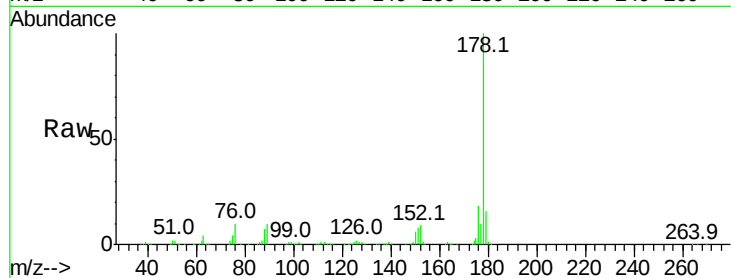




#71
 Anthracene
 Concen: 40.428 ng
 RT: 10.98 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

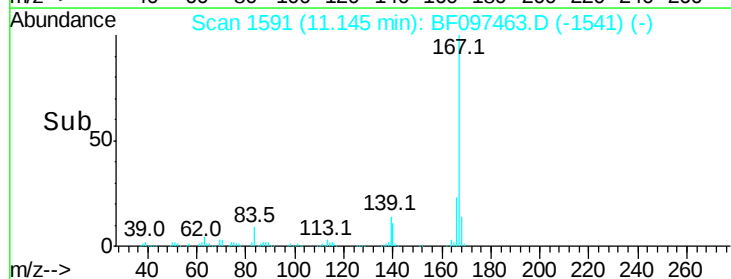
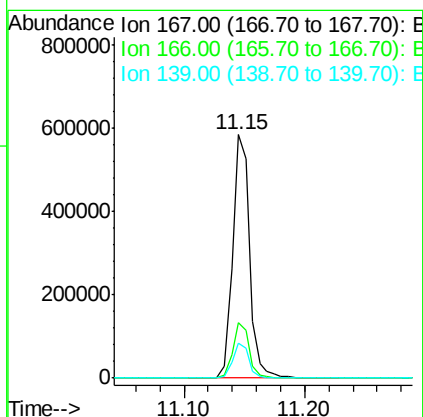
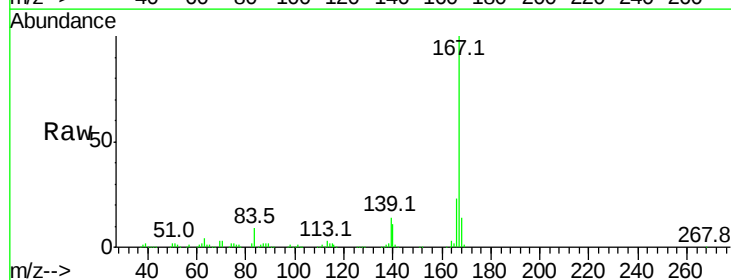
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

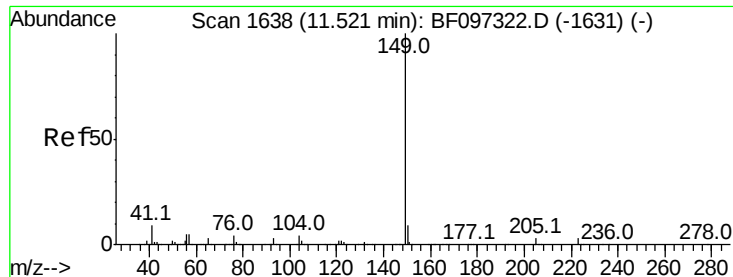
Tot Ion:178 Resp: 571354
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 41.135 ng
 RT: 11.15 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion:167 Resp: 571744
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 36.304 ng

RT: 11.49 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

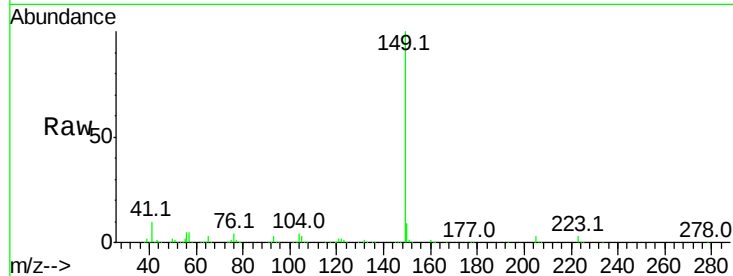
Tot Ion:149 Resp: 623731

Ion Ratio Lower Upper

149 100

150 9.4 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

11.49

800000

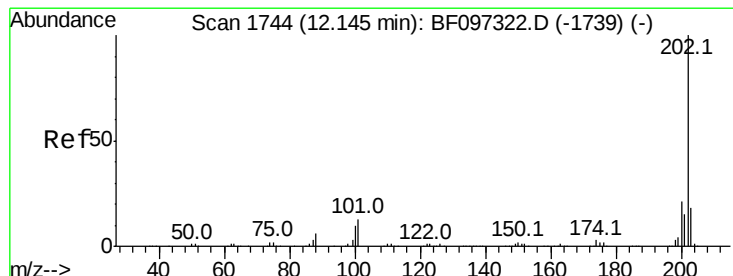
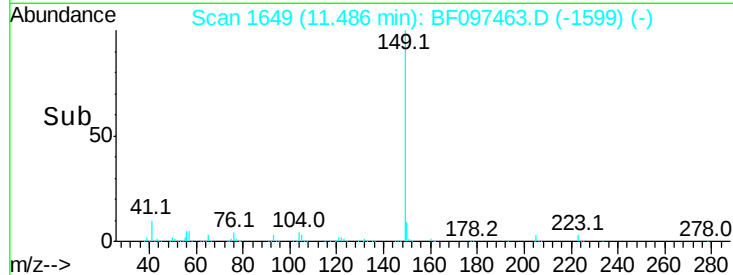
600000

400000

200000

0

Time--> 11.45 11.50 11.55



#74

Fluoranthene

Concen: 39.895 ng

RT: 12.11 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

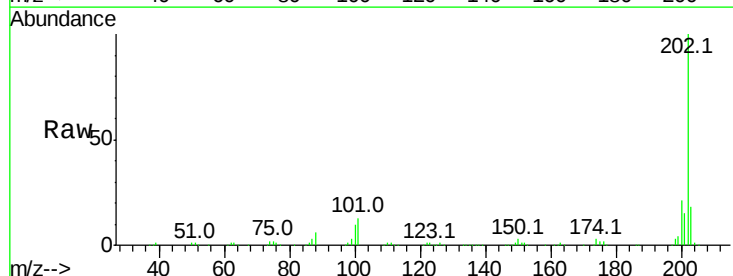
Tgt Ion:202 Resp: 539286

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

203 17.9 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

12.11

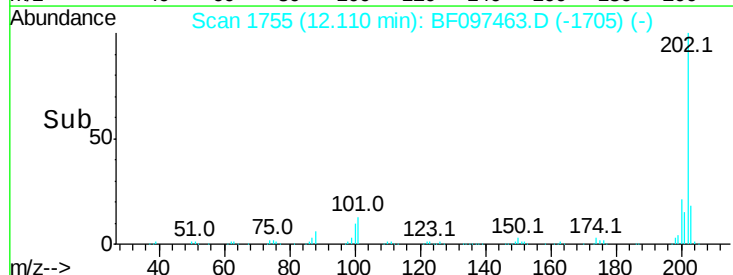
600000

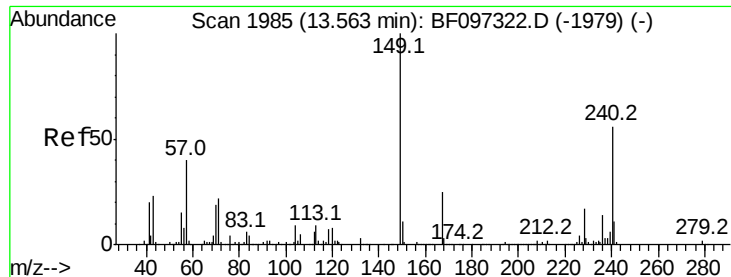
400000

200000

0

Time--> 12.05 12.10 12.15 12.20

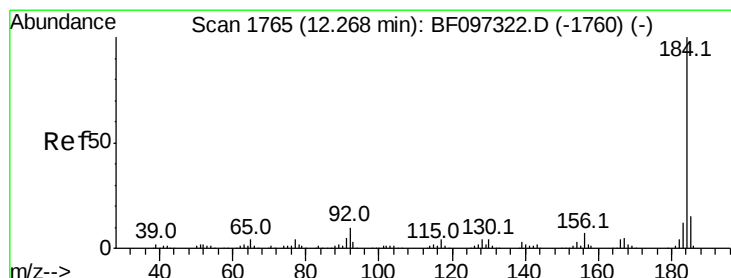
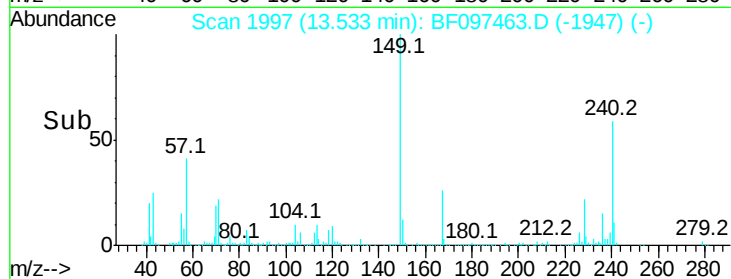
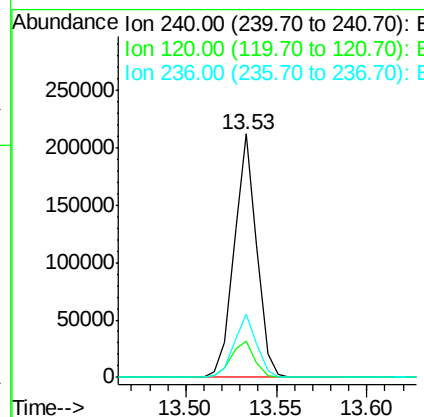
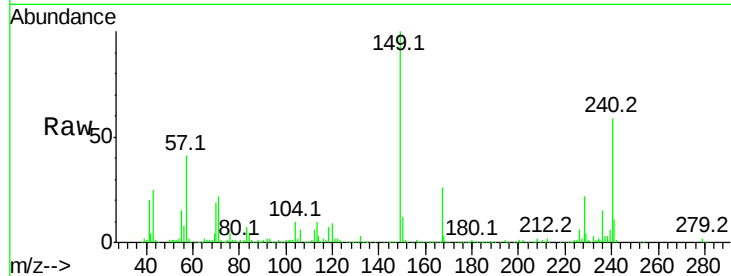




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

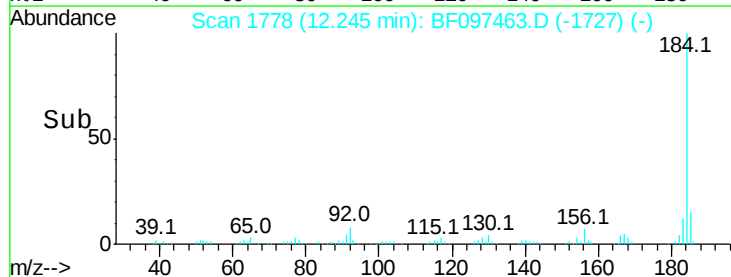
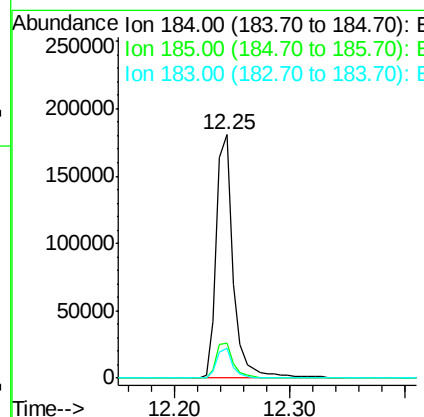
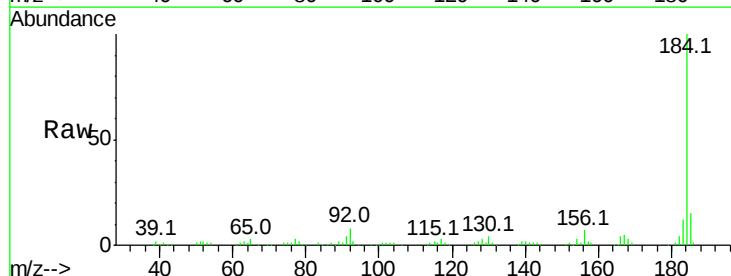
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

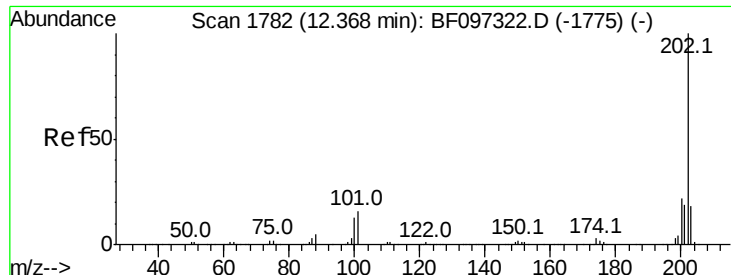
Tot Ion:240 Resp: 182527
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 25.8 20.5 30.7



#76
Benzidine
Concen: 27.240 ng
RT: 12.25 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Tgt Ion:184 Resp: 184485
Ion Ratio Lower Upper
184 100
185 14.6 15.5 23.3#
183 12.4 9.8 14.6

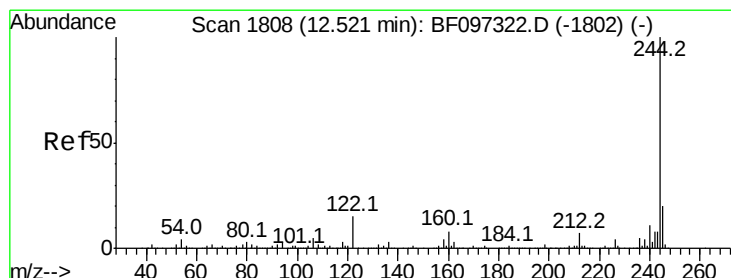
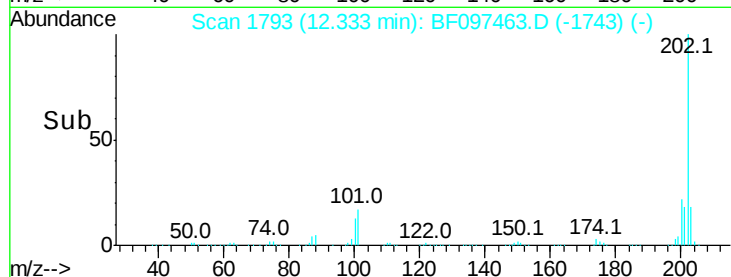
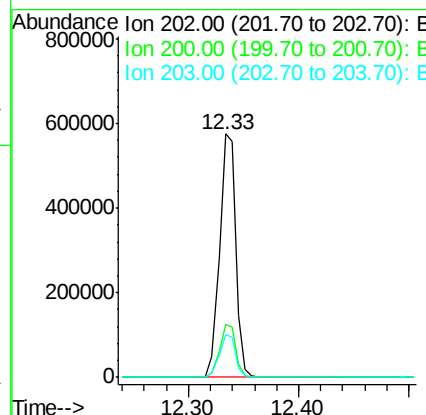
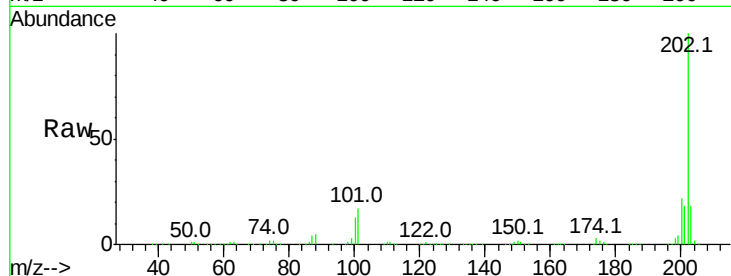




#77
Pvrene
Concen: 38.923 ng
RT: 12.33 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

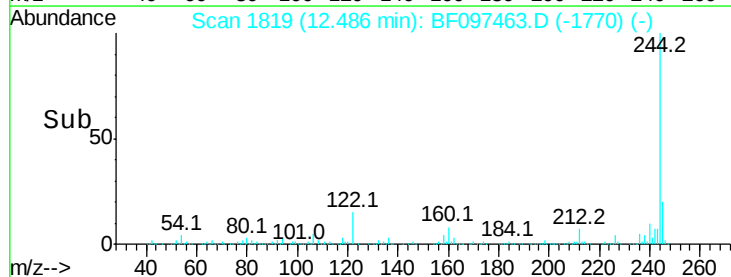
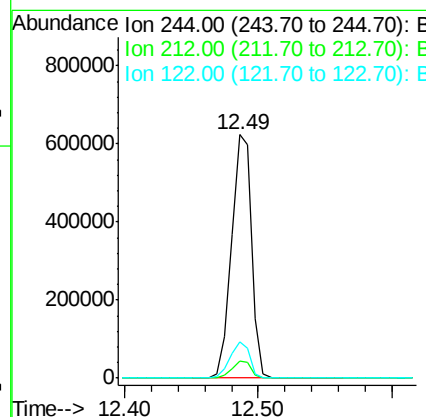
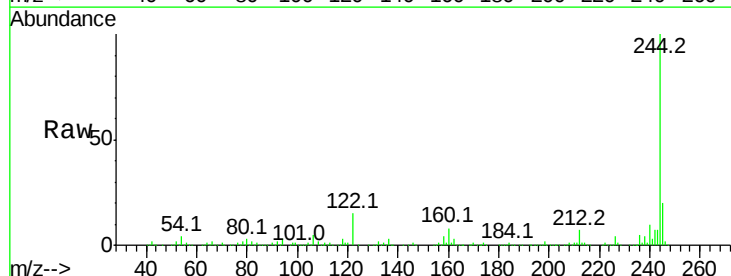
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

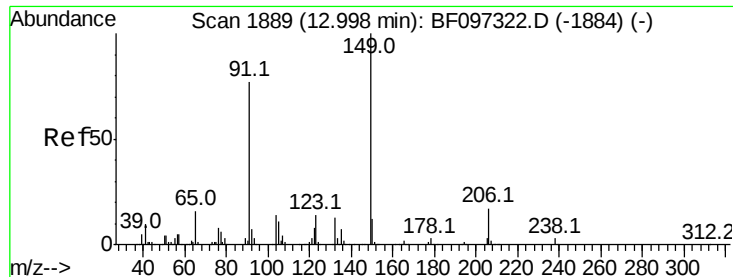
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.5	14.4	21.6



#78
Terphenyl-d14
Concen: 74.218 ng
RT: 12.49 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF097463.D
Acq: 8 Aug 2017 12:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.1	10.3	15.5





#79

Butylbenzylphthalate

Concen: 36.365 ng

RT: 12.97 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

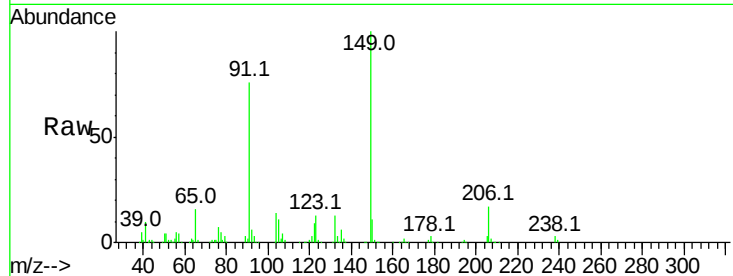
Tot Ion:149 Resp: 276410

Ion Ratio Lower Upper

149 100

91 75.6 45.0 67.4#

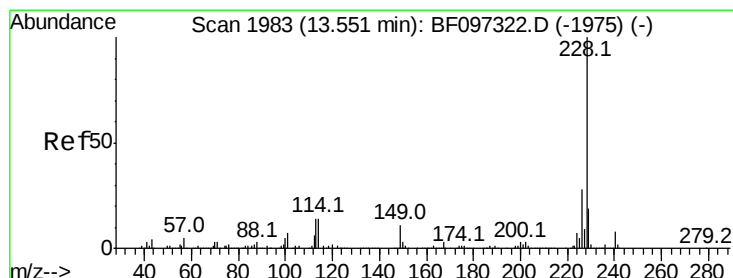
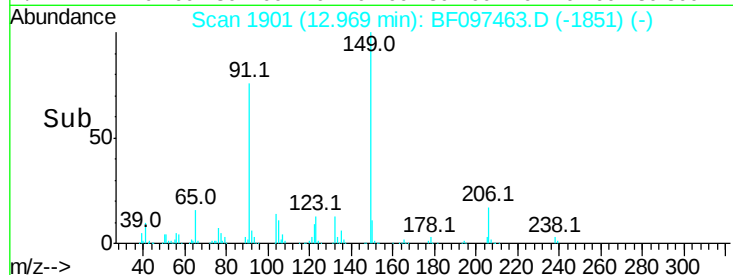
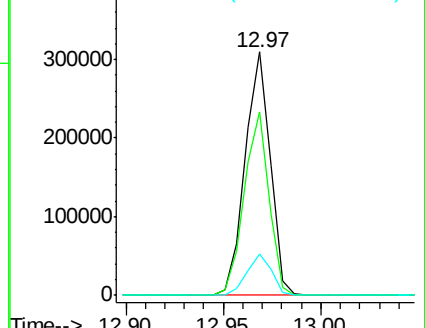
206 17.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.691 ng

RT: 13.52 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

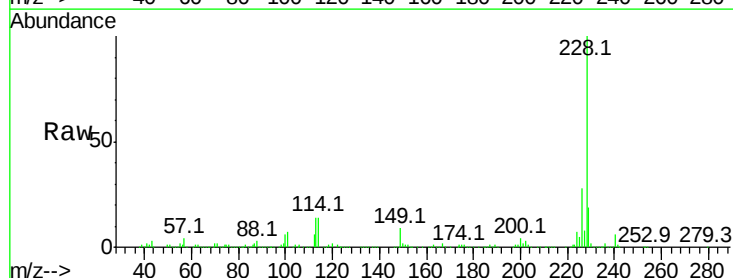
Tgt Ion:228 Resp: 468762

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

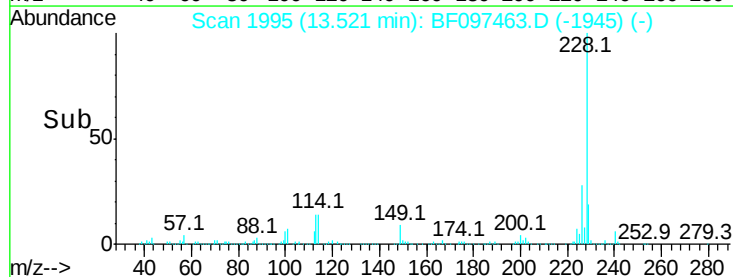
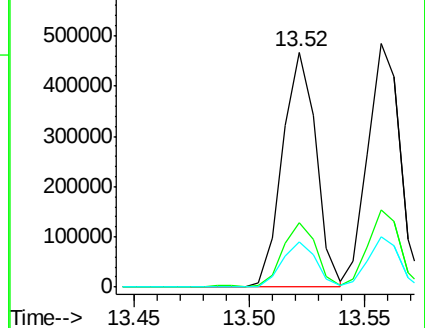
229 19.3 16.3 24.5

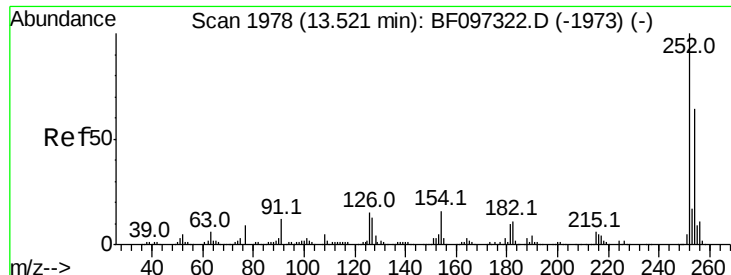


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

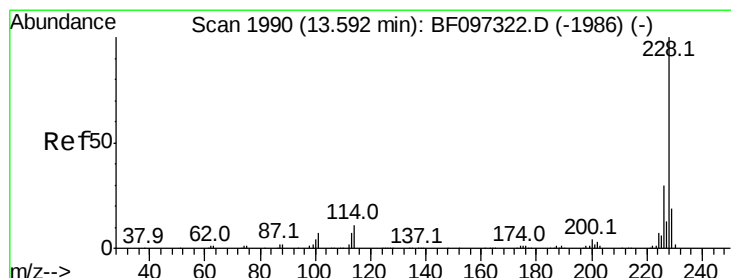
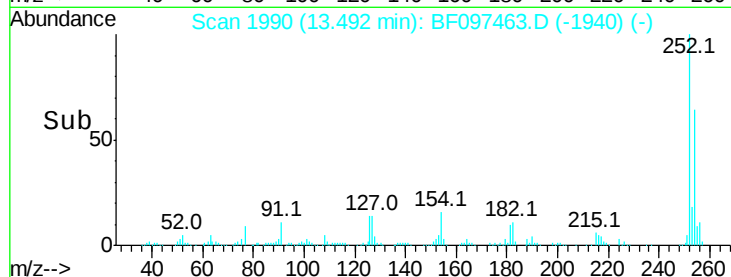
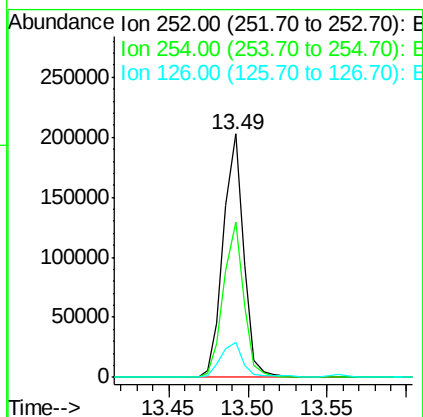
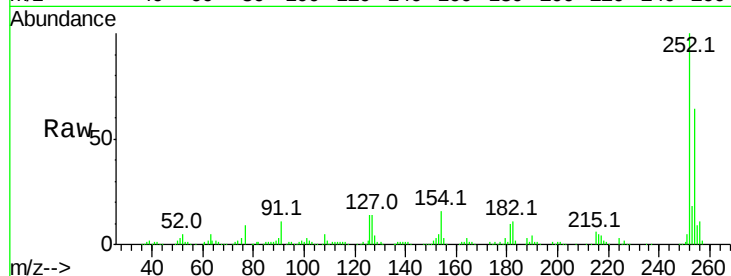




#81
 3,3'-Dichlorobenzidine
 Concen: 40.868 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

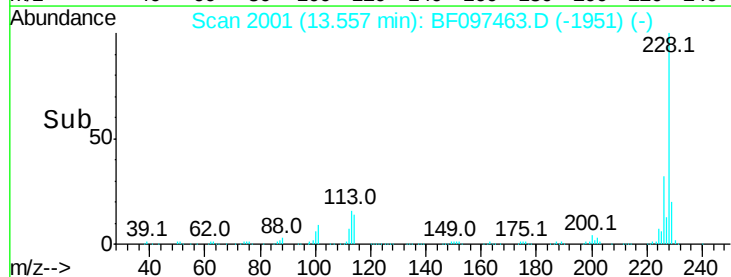
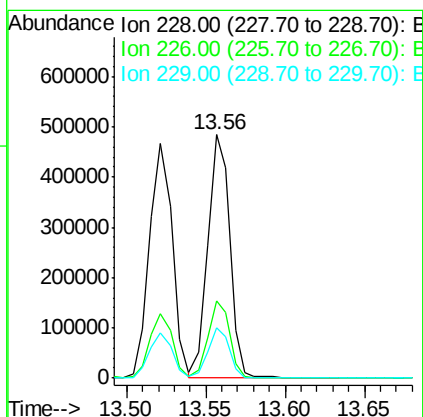
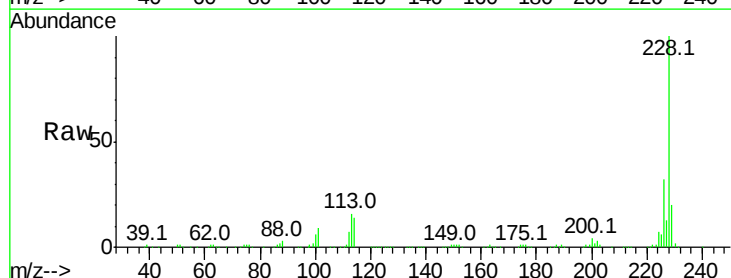
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

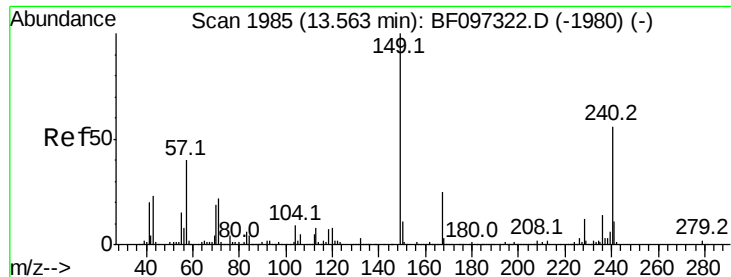
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	14.2	15.8	23.8#



#82
 Chrysene
 Concen: 40.808 ng
 RT: 13.56 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.4	15.8	23.6

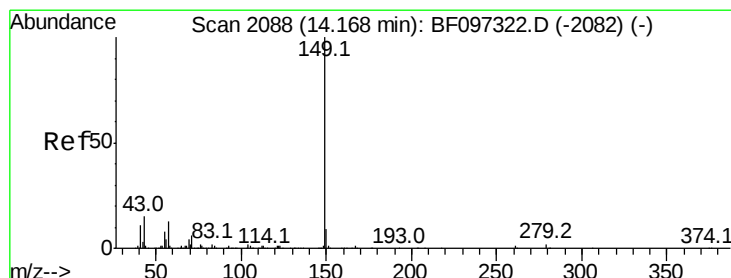
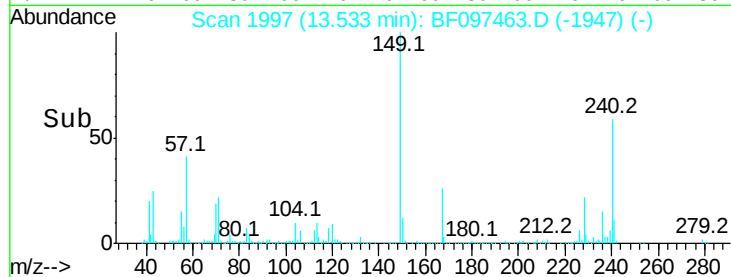
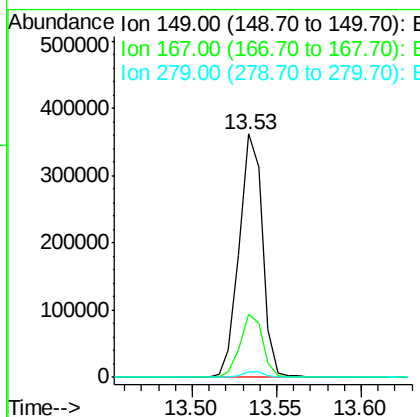
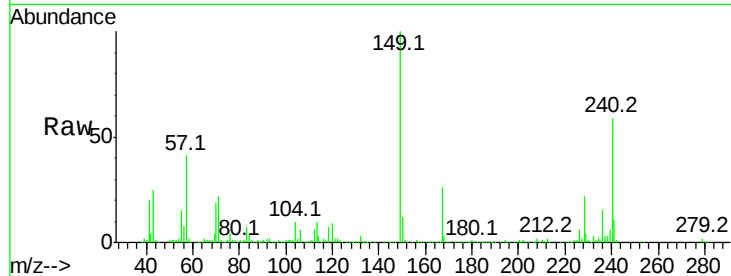




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.988 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

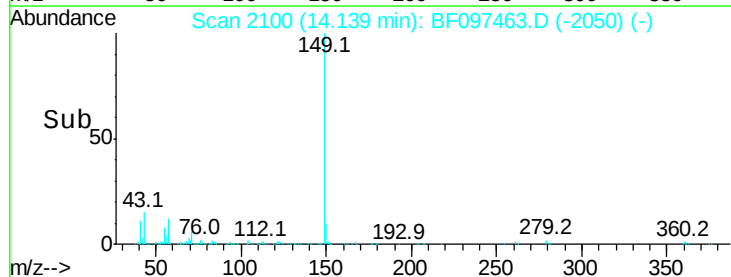
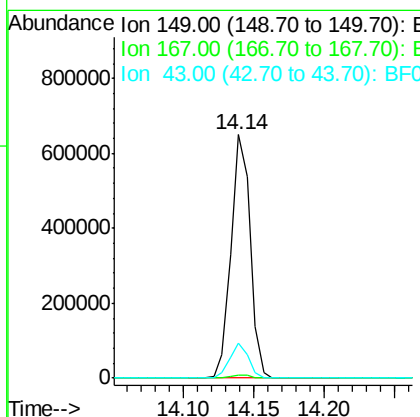
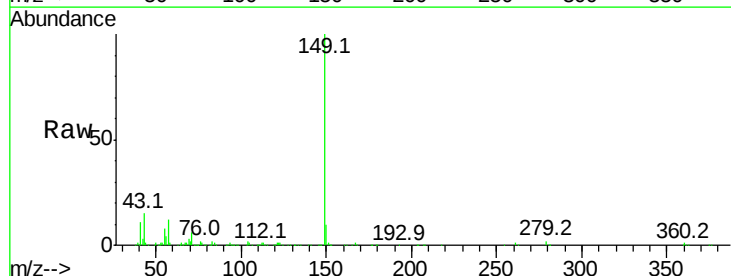
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

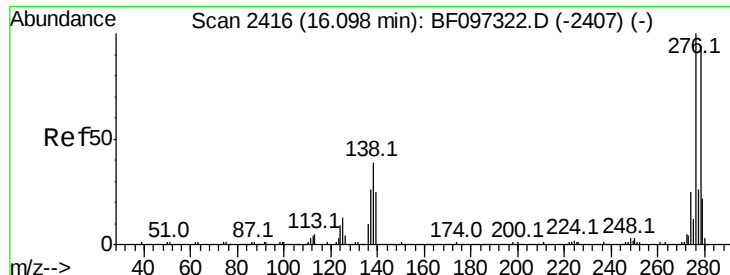
Tot Ion:149 Resp: 347237
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.0 31.4
 279 2.1 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 33.825 ng
 RT: 14.14 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion:149 Resp: 616042
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 14.2 8.5 12.7#

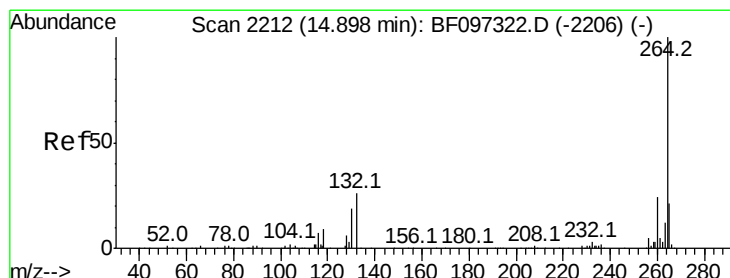
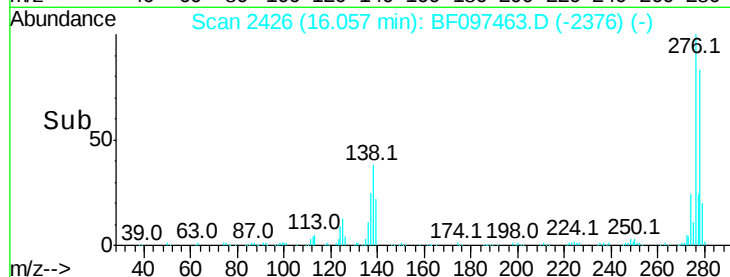
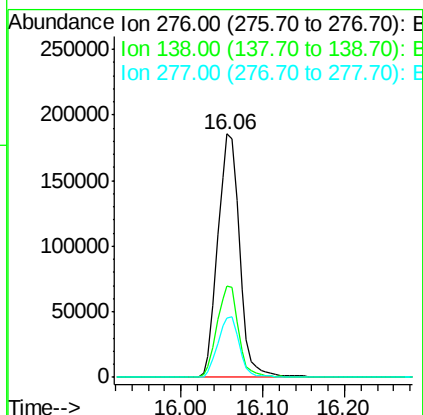
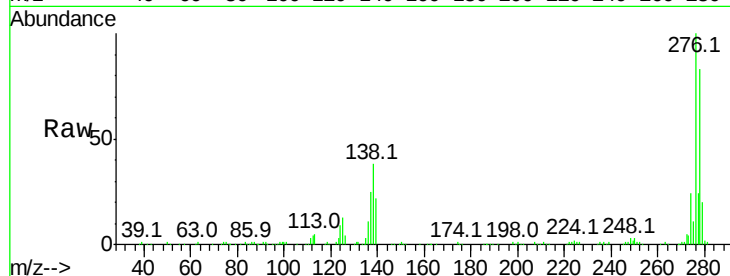




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.904 ng
 RT: 16.06 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

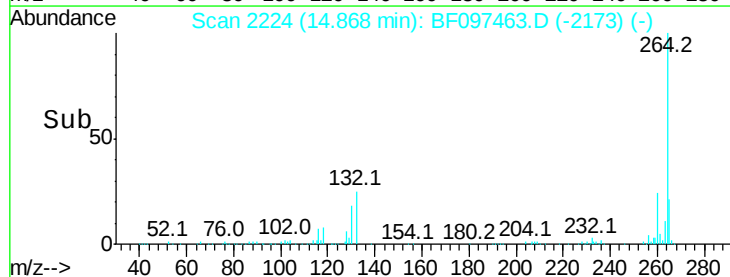
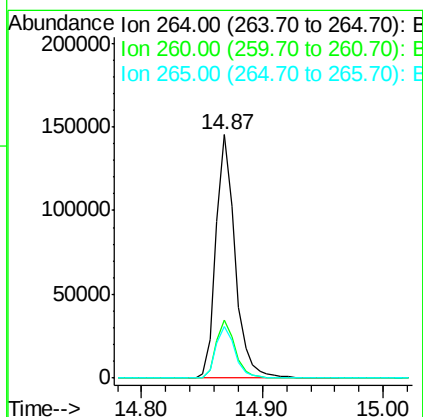
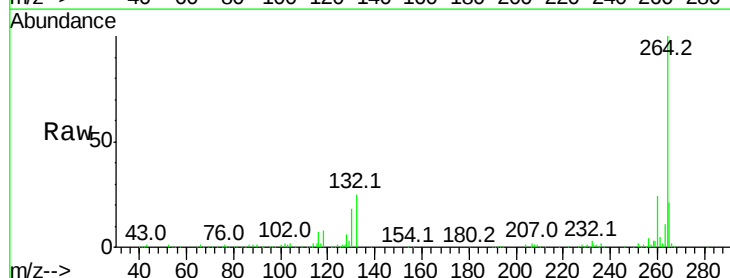
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

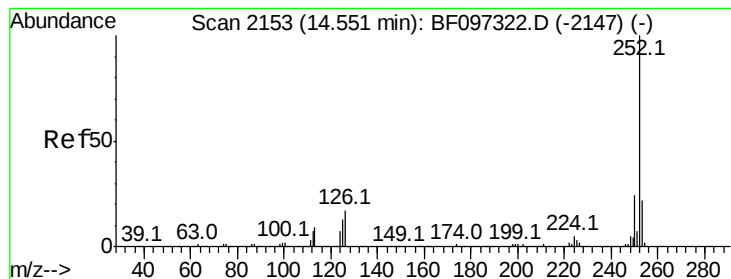
Tot Ion:276 Resp: 345152
 Ion Ratio Lower Upper
 276 100
 138 37.2 27.8 41.6
 277 24.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097463.D
 Acq: 8 Aug 2017 12:18

Tgt Ion:264 Resp: 157520
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.564 ng

RT: 14.54 min Scan# 2169

Delta R.T. 0.02 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

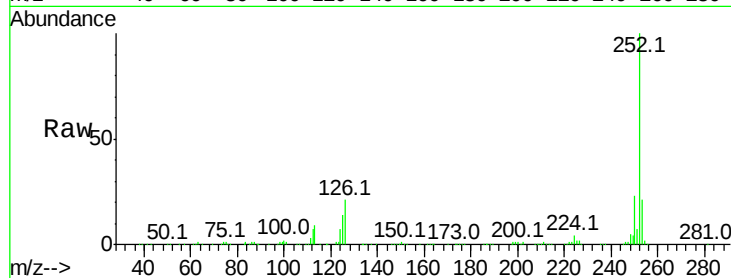
Tot Ion:252 Resp: 384097

Ion Ratio Lower Upper

252 100

253 21.1 18.1 27.1

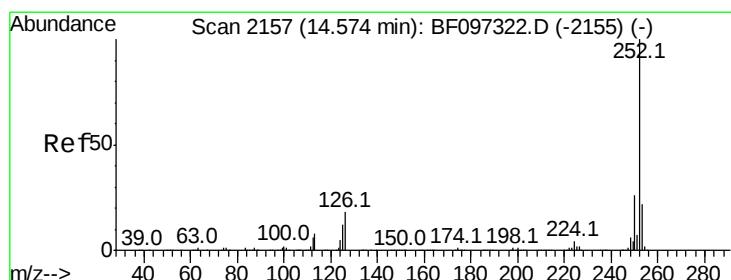
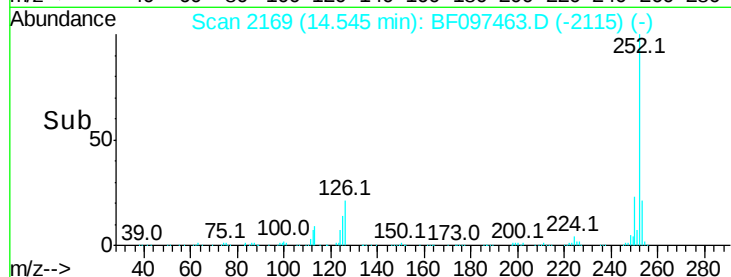
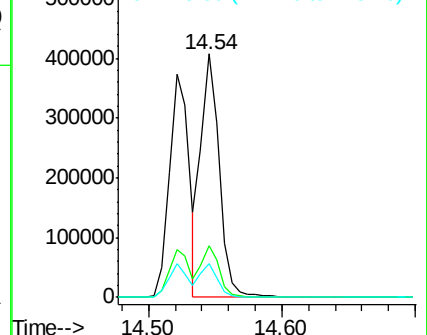
125 14.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.569 ng

RT: 14.54 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

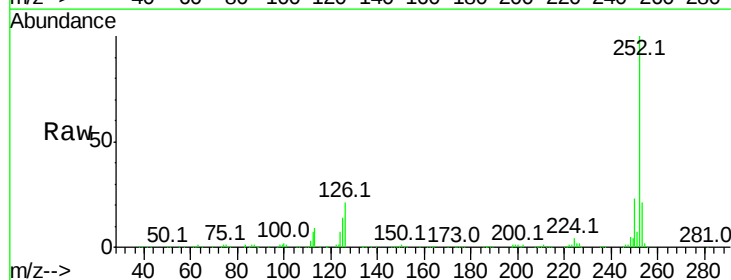
Tgt Ion:252 Resp: 384097

Ion Ratio Lower Upper

252 100

253 21.1 18.4 27.6

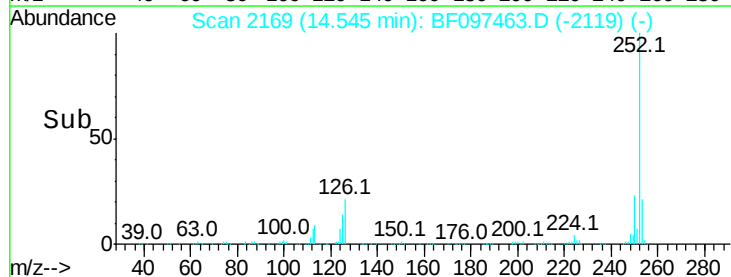
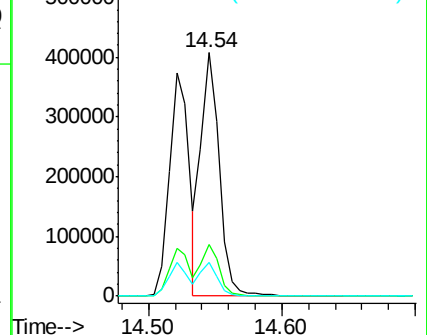
125 14.1 13.1 19.7

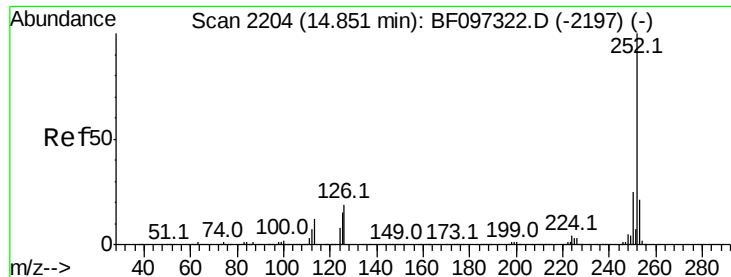


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.691 ng

RT: 14.82 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

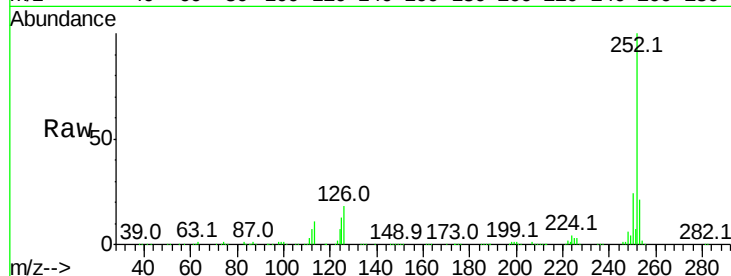
Tot Ion:252 Resp: 343969

Ion Ratio Lower Upper

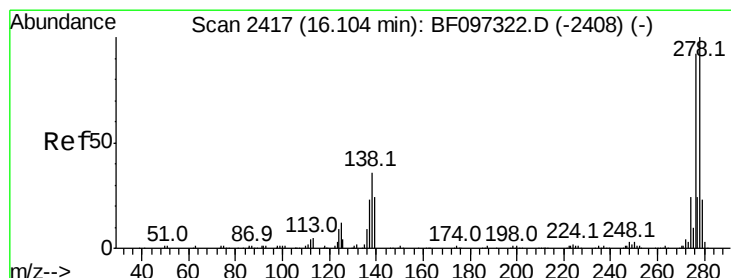
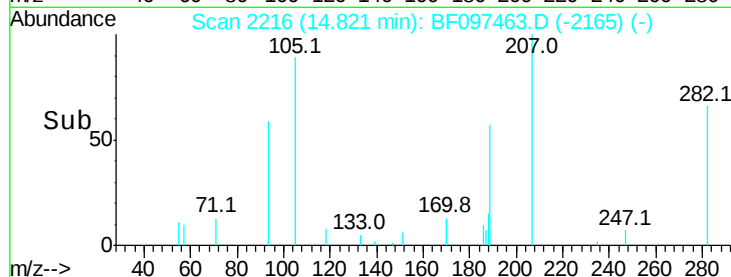
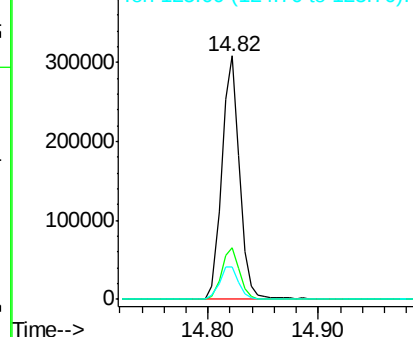
252 100

253 21.2 17.5 26.3

125 13.4 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: 39.019 ng

RT: 16.06 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

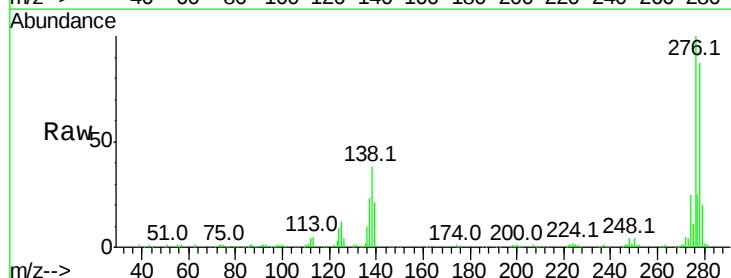
Tgt Ion:278 Resp: 277296

Ion Ratio Lower Upper

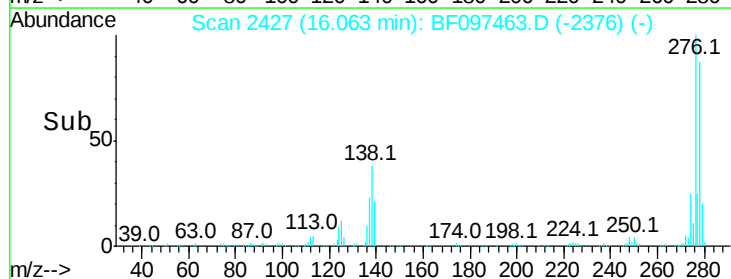
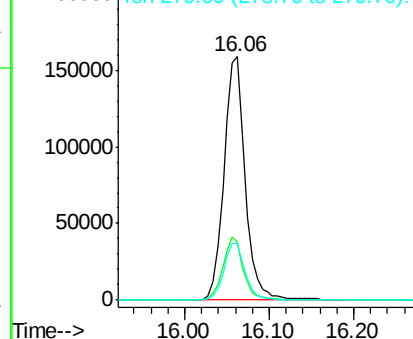
278 100

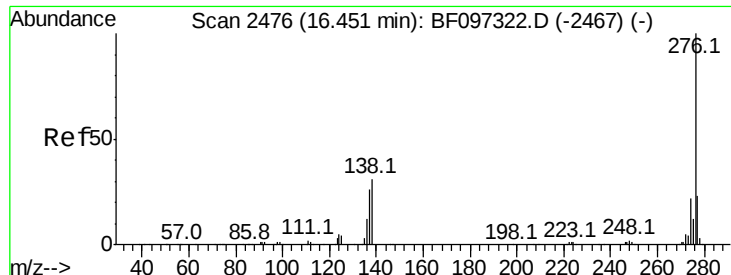
139 23.9 16.6 24.8

279 23.4 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: 40.478 ng

RT: 16.41 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BF097463.D

Acq: 8 Aug 2017 12:18

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

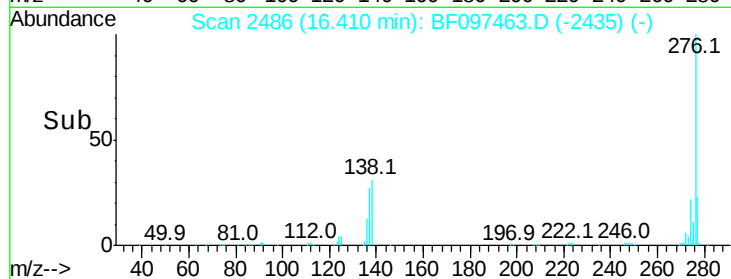
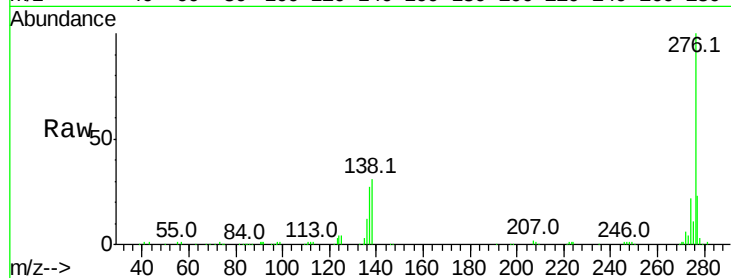
Tot Ion:276 Resp: 301664

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 31.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

16.41

