

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097451.D
 Acq On : 8 Aug 2017 2:17
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 08 04:52:19 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	6.41	152	88403	20.00	ng	0.00
21) Naphthalene-d8	7.70	136	366177	20.00	ng	0.00
38) Acenaphthene-d10	9.44	164	144207	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	211713	20.00	ng	0.00
75) Chrysene-d12	13.54	240	159934	20.00	ng	0.00
86) Perylene-d12	14.87	264	127708	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.00	112	439991	75.03	ng	0.00
7) Phenol-d6	6.09	99	575833	86.01	ng	0.00
23) Nitrobenzene-d5	6.99	82	510767	81.83	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	85321	74.88	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	741049	87.21	ng	0.00
78) Terphenyl-d14	12.49	244	595853	75.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	90182	36.851	ng	# 73
3) Pyridine	2.46	79	274332	36.609	ng	# 59
4) n-Nitrosodimethylamine	2.42	42	151803	36.566	ng	81
6) Aniline	6.07	93	373944	44.387	ng	97
8) 2-Chlorophenol	6.20	128	269462	42.973	ng	94
9) Benzaldehyde	5.96	77	204464	51.598	ng	98
10) Phenol	6.10	94	348719	43.914	ng	97
11) bis(2-Chloroethyl)ether	6.16	93	257233	40.957	ng	88
12) 1,3-Dichlorobenzene	6.35	146	279285	41.329	ng	99
13) 1,4-Dichlorobenzene	6.43	146	284795	42.527	ng	95
14) 1,2-Dichlorobenzene	6.58	146	246783	42.205	ng	98
15) Benzyl Alcohol	6.58	79	196258	46.302	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.70	45	514382	40.833	ng	60
17) 2-Methylphenol	6.70	107	201146	41.563	ng	# 87
18) Hexachloroethane	6.92	117	91441	37.323	ng	# 79
19) n-Nitroso-di-n-propylamine	6.85	70	185458	42.086	ng	# 83
20) 3+4-Methylphenols	6.86	107	282062	44.625	ng	# 62
22) Acetophenone	6.84	105	361541	41.114	ng	96
24) Nitrobenzene	7.01	77	277514	42.689	ng	91
25) Isophorone	7.25	82	471186	38.546	ng	97
26) 2-Nitrophenol	7.32	139	136294	38.752	ng	# 84
27) 2,4-Dimethylphenol	7.39	122	233769	40.293	ng	96
28) bis(2-Chloroethoxy)methane	7.47	93	318794	39.963	ng	99
29) 2,4-Dichlorophenol	7.58	162	212644	42.545	ng	98
30) 1,2,4-Trichlorobenzene	7.65	180	187955	39.453	ng	97
31) Naphthalene	7.72	128	706000	40.901	ng	100
32) Benzoic acid	7.56	122	144516	33.358	ng	96
33) 4-Chloroaniline	7.78	127	295707	42.102	ng	98
34) Hexachlorobutadiene	7.84	225	100494	39.790	ng	97
35) Caprolactam	8.16	113	66070	41.225	ng	# 43
36) 4-Chloro-3-methylphenol	8.29	107	222832	40.866	ng	90
37) 2-Methylnaphthalene	8.41	142	431829	39.512	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.58	216	171284	44.515	ng	99
40) Hexachlorocyclopentadiene	8.56	237	3437	8.935	ng	100

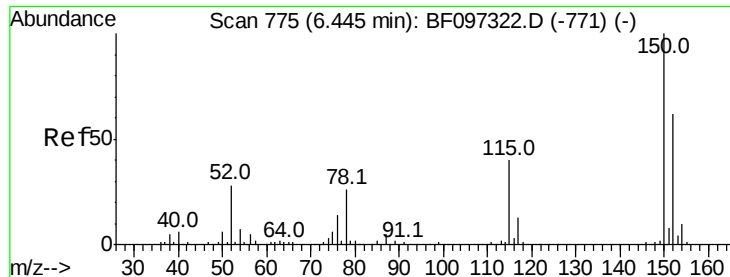
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	114803	41.172	nq	99
43) 2,4,5-Trichlorophenol	8.76	196	110454	39.576	nq	95
45) 1,1'-Biphenyl	8.87	154	534637	43.405	nq	98
46) 2-Chloronaphthalene	8.89	162	383063	42.262	nq	# 92
47) 2-Nitroaniline	9.00	65	149127	45.334	nq	96
48) Acenaphthylene	9.30	152	571621	41.086	nq	99
49) Dimethylphthalate	9.18	163	472746	43.170	nq	99
50) 2,6-Dinitrotoluene	9.25	165	95153	40.968	nq	# 68
51) Acenaphthene	9.47	154	343175	41.876	nq	99
52) 3-Nitroaniline	9.42	138	124704	43.256	nq	91
53) 2,4-Dinitrophenol	9.56	184	7069	6.694	nq	# 71
54) Dibenzofuran	9.65	168	467282	42.808	nq	96
55) 4-Nitrophenol	9.65	139	309529	180.544	nq	# 34
56) 2,4-Dinitrotoluene	9.66	165	119233	44.656	nq	# 78
57) Fluorene	9.99	166	349591	42.611	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.78	232	72207	37.470	nq	97
59) Diethylphthalate	9.88	149	438238	43.620	nq	99
60) 4-Chlorophenyl-phenylether	9.98	204	146923	43.368	nq	96
61) 4-Nitroaniline	10.03	138	109674	40.037	nq	92
62) Azobenzene	10.14	77	385113	41.320	nq	93
64) 4,6-Dinitro-2-methylphenol	10.07	198	15653	11.898	nq	89
65) n-Nitrosodiphenylamine	10.10	169	330337	44.844	nq	99
66) 4-Bromophenyl-phenylether	10.46	248	91810	43.454	nq	96
67) Hexachlorobenzene	10.53	284	96912	40.903	nq	# 86
68) Atrazine	10.64	200	79894	37.823	nq	95
69) Pentachlorophenol	10.74	266	55976	57.100	nq	98
70) Phenanthrene	10.93	178	468608	41.310	nq	98
71) Anthracene	10.99	178	483978	41.656	nq	98
72) Carbazole	11.15	167	475587	41.622	nq	99
73) Di-n-butylphthalate	11.49	149	559543	39.616	nq	99
74) Fluoranthene	12.12	202	460518	41.440	nq	98
76) Benzidine	12.25	184	222840	37.551	nq	# 93
77) Pyrene	12.34	202	467749	35.724	nq	99
79) Butylbenzylphthalate	12.97	149	245655	36.884	nq	# 82
80) Benzo(a)anthracene	13.53	228	411425	39.757	nq	98
81) 3,3'-Dichlorobenzidine	13.50	252	167170	42.837	nq	# 96
82) Chrysene	13.56	228	392513	38.844	nq	99
83) Bis(2-ethylhexyl)phthalate	13.54	149	311266	35.794	nq	100
84) Di-n-octyl phthalate	14.14	149	592467	37.126	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.07	276	249031	28.741	nq	99
87) Benzo(b)fluoranthene	14.53	252	329363	42.904	nq	97
88) Benzo(k)fluoranthene	14.55	252	310464	42.440	nq	97
89) Benzo(a)pyrene	14.83	252	283073	40.289	nq	99
90) Dibenzo(a,h)anthracene	16.07	278	208453	36.179	nq	97
91) Benzo(g,h,i)perylene	16.42	276	210572	34.851	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.41 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

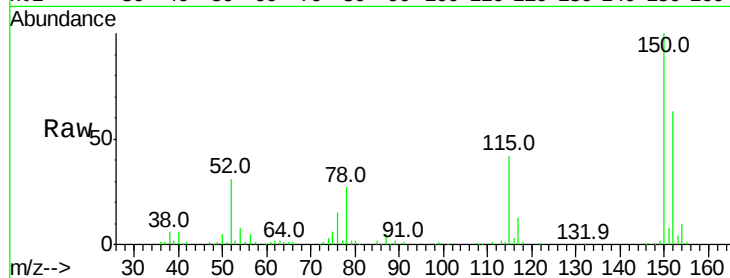
Tot Ion:152 Resp: 88403

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

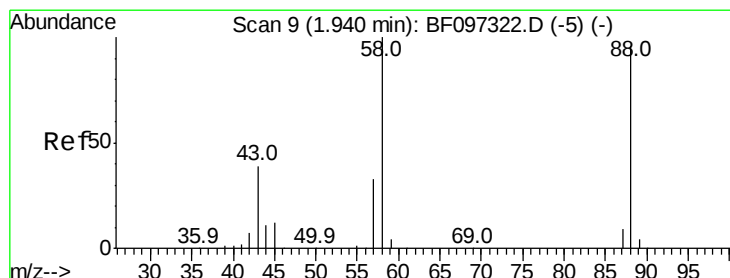
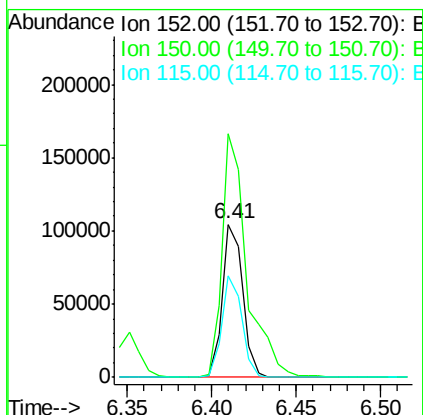
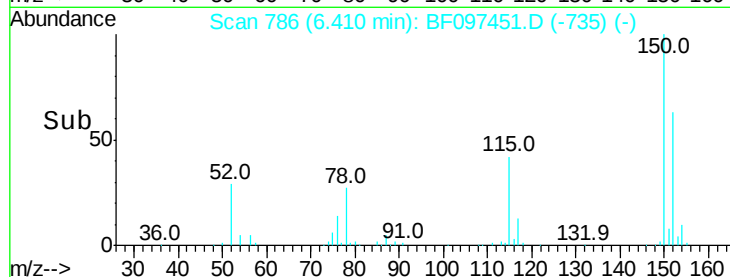
115 66.5 52.2 78.2



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: 36.851 ng

RT: 1.86 min Scan# 13

Delta R.T. -0.04 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

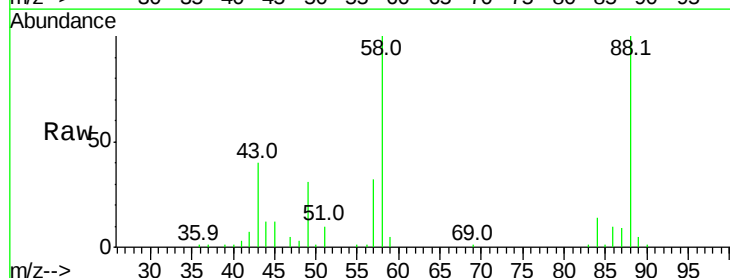
Tgt Ion: 88 Resp: 90182

Ion Ratio Lower Upper

88 100

58 101.3 61.4 92.0#

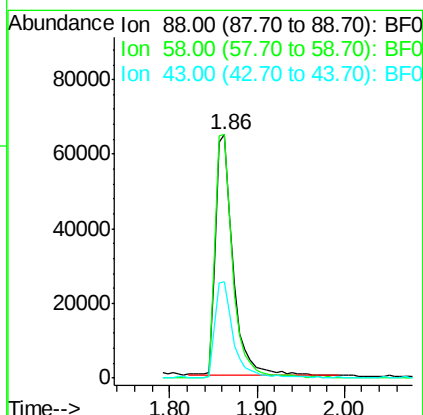
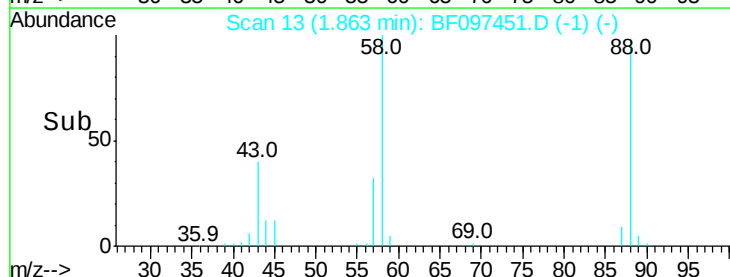
43 41.0 23.4 35.0#

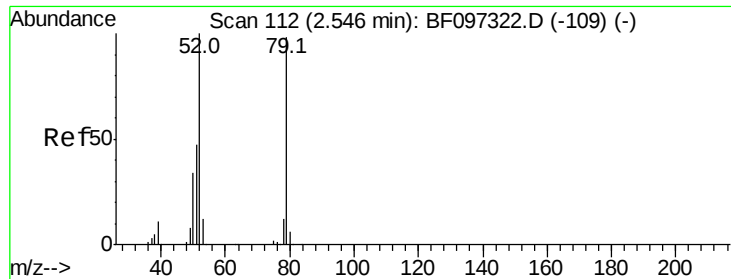


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

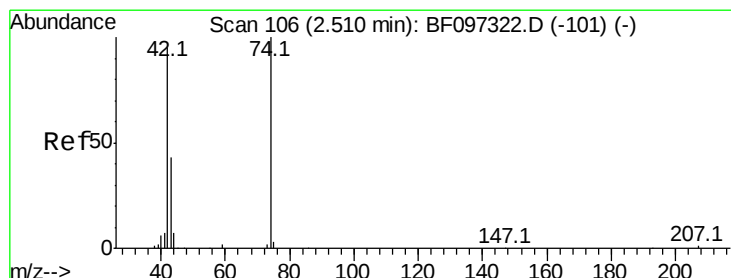
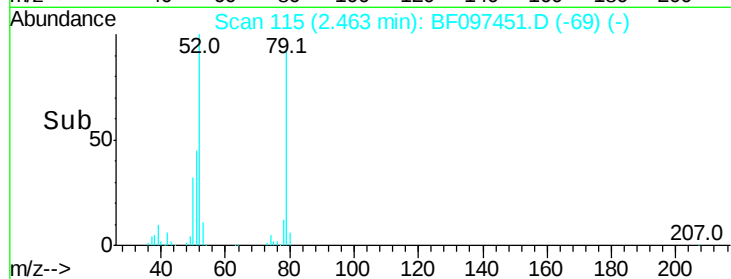
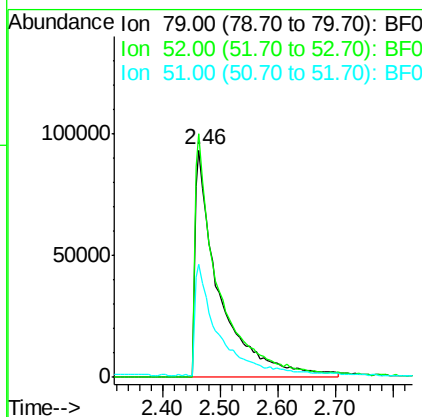
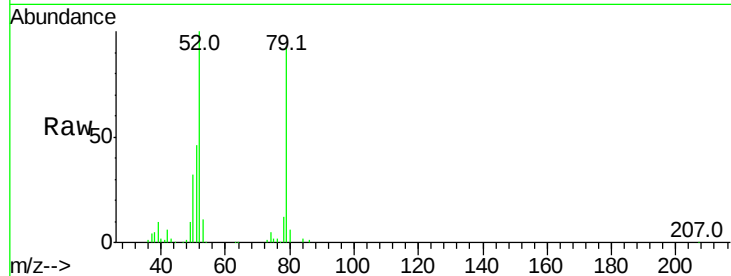




#3
 Pvridine
 Concen: 36.609 ng
 RT: 2.46 min Scan# 115
 Delta R.T. -0.03 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

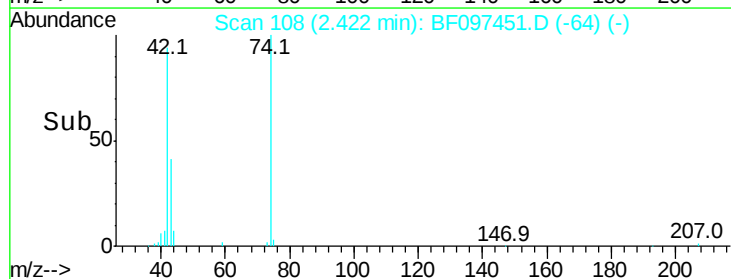
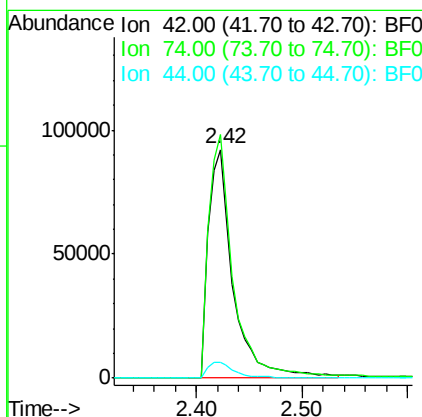
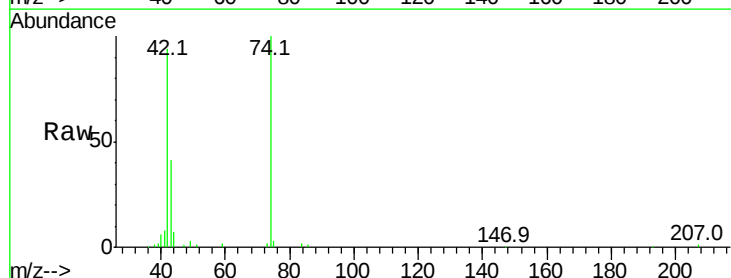
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

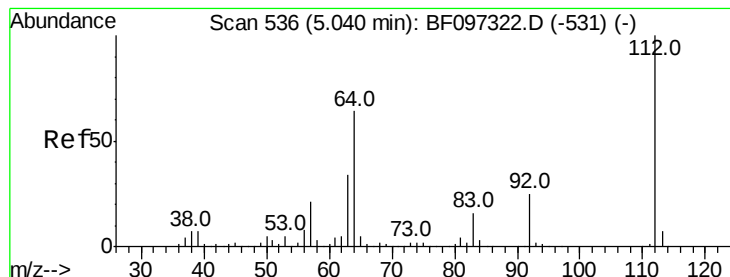
Tot Ion: 79 Resp: 274332
 Ion Ratio Lower Upper
 79 100
 52 107.1 54.8 82.2#
 51 49.5 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 36.566 ng
 RT: 2.42 min Scan# 108
 Delta R.T. -0.04 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion: 42 Resp: 151803
 Ion Ratio Lower Upper
 42 100
 74 106.7 103.9 155.9
 44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 75.029 ng

RT: 5.00 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

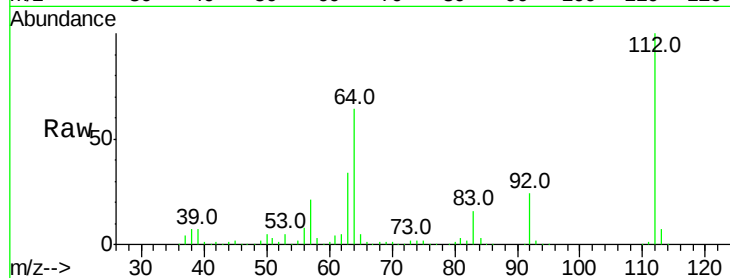
Tot Ion:112 Resp: 439991

Ion Ratio Lower Upper

112 100

64 63.9 46.0 69.0

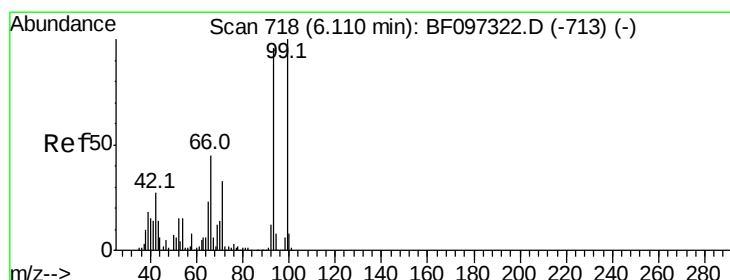
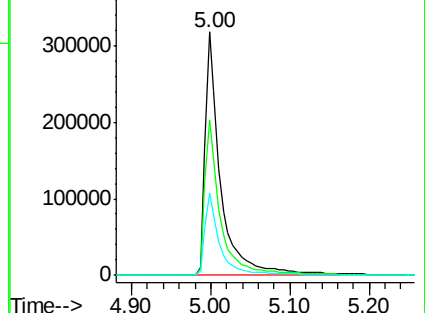
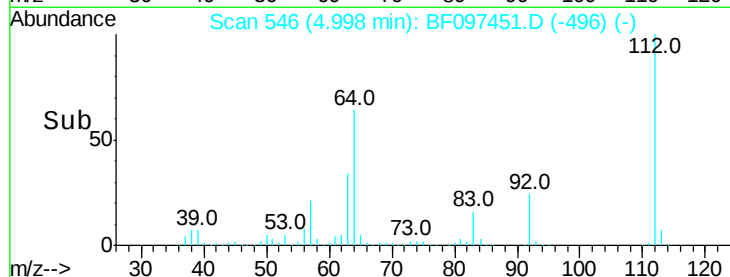
63 33.6 23.4 35.0



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: 44.387 ng

RT: 6.07 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

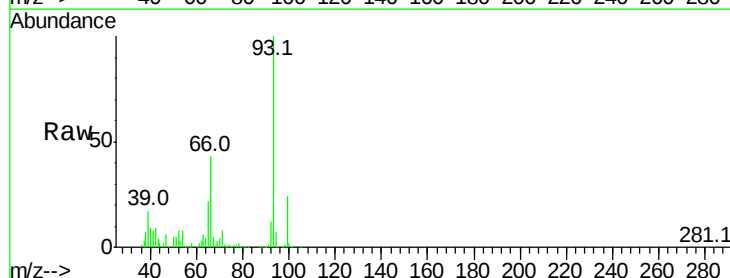
Tgt Ion: 93 Resp: 373944

Ion Ratio Lower Upper

93 100

66 42.5 32.9 49.3

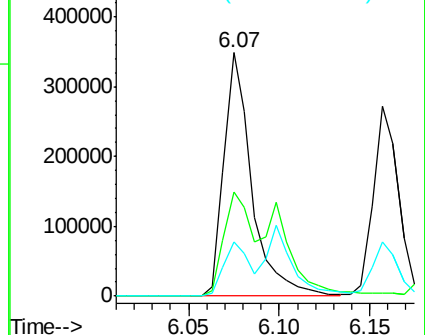
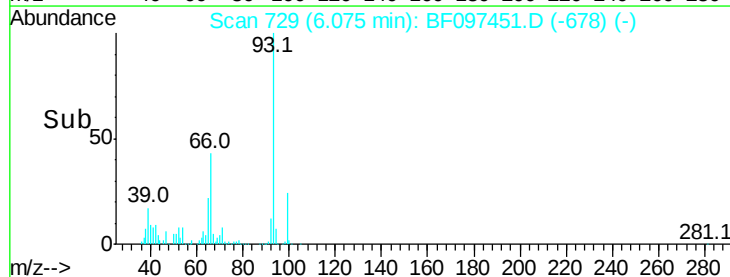
65 22.1 16.0 24.0

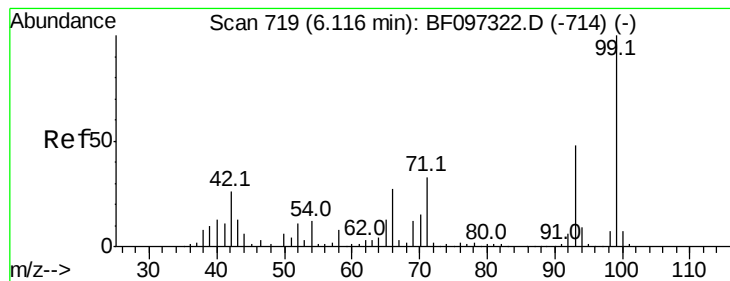


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 86.013 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

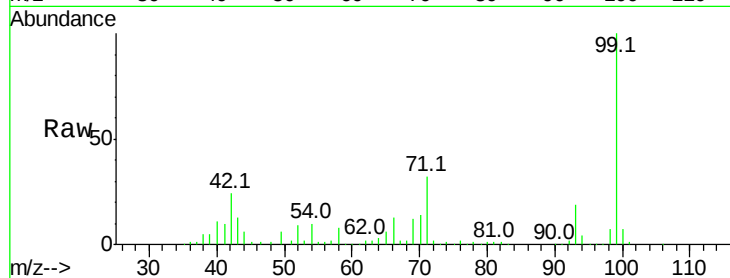
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 575833

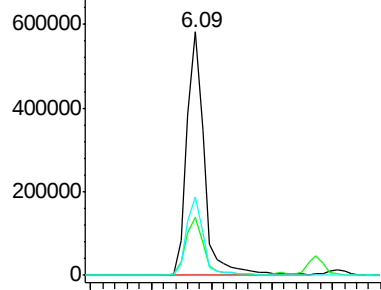
Ion	Ratio	Lower	Upper
99	100		
42	23.9	13.5	20.3#
71	32.1	24.5	36.7



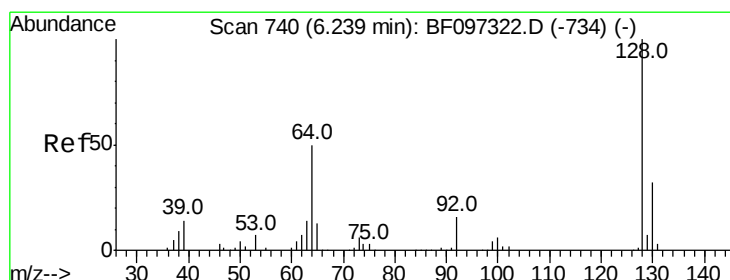
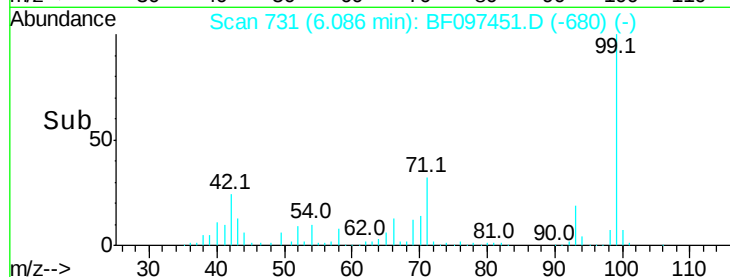
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time--> 6.00 6.05 6.10 6.15 6.20



#8

2-Chlorophenol

Concen: 42.973 ng

RT: 6.20 min Scan# 751

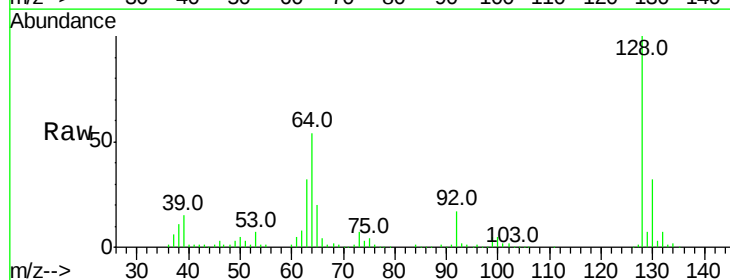
Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Tgt Ion: 128 Resp: 269462

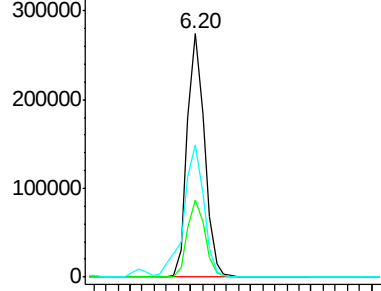
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	54.1	28.4	68.4



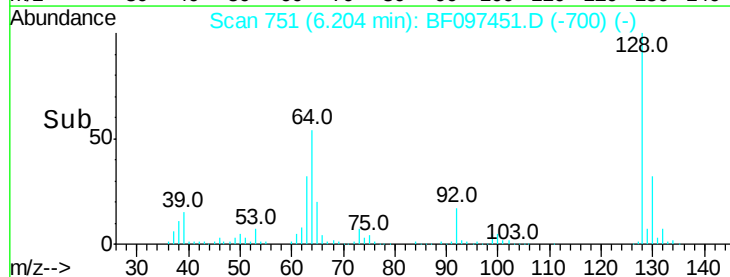
Abundance Ion 128.00 (127.70 to 128.70): E

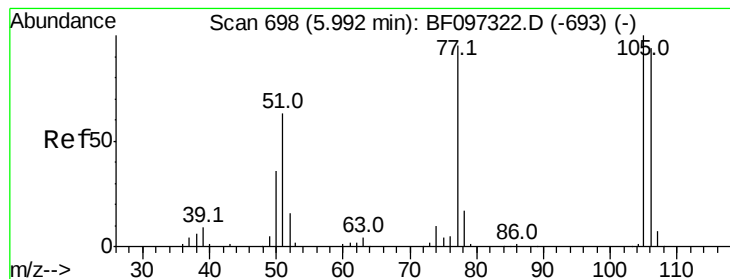
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time--> 6.15 6.20 6.25 6.30





#9

Benzaldehyde

Concen: 51.598 ng

RT: 5.96 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

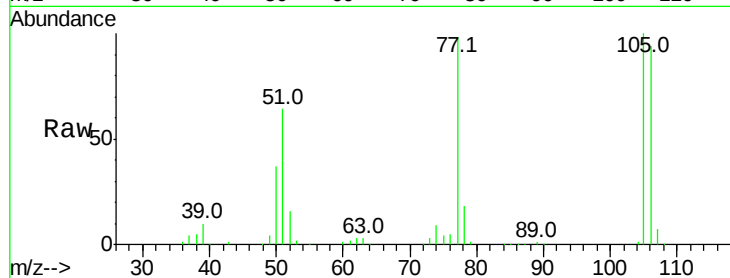
Tot Ion: 77 Resp: 204464

Ion Ratio Lower Upper

77 100

105 102.3 83.8 123.8

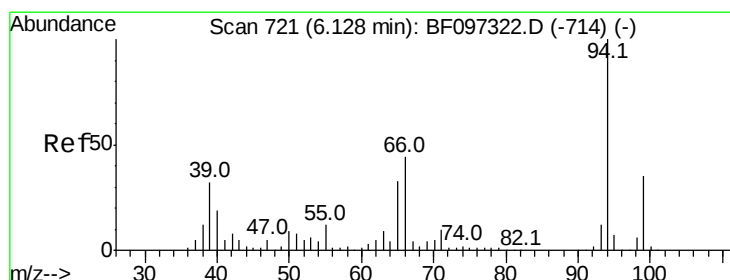
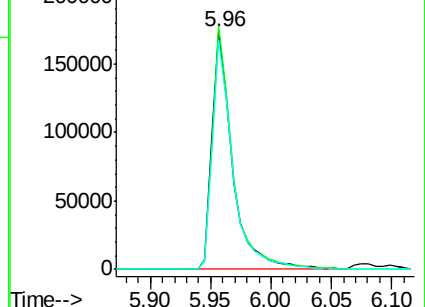
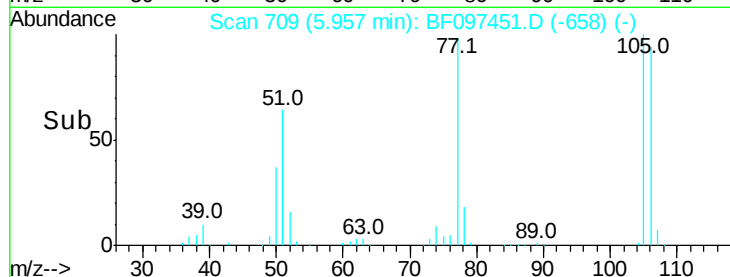
106 96.4 79.1 119.1



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: 43.914 ng

RT: 6.10 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

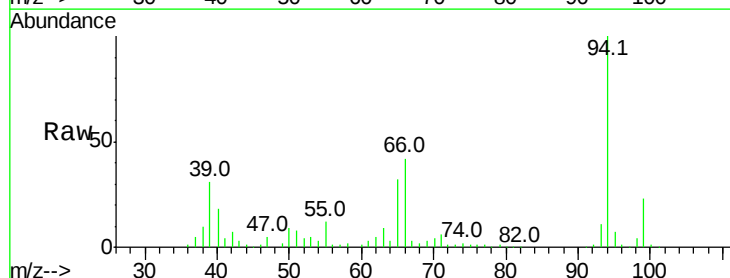
Tgt Ion: 94 Resp: 348719

Ion Ratio Lower Upper

94 100

65 31.6 9.9 49.9

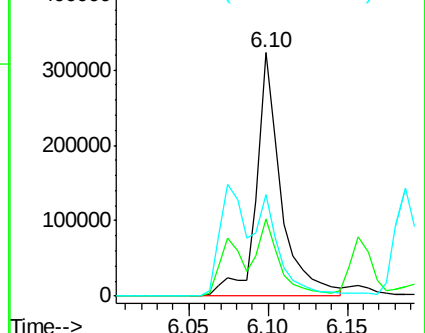
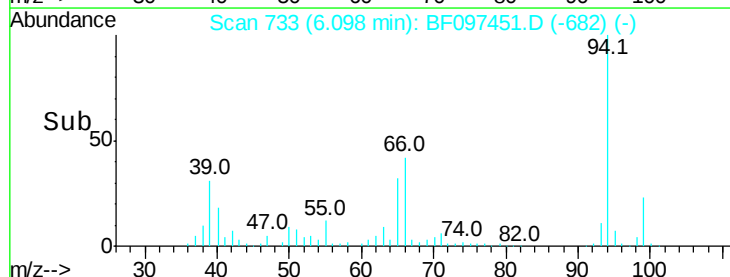
66 41.7 23.1 63.1

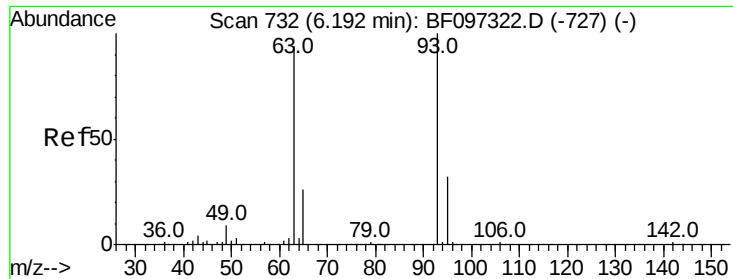


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.957 ng

RT: 6.16 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

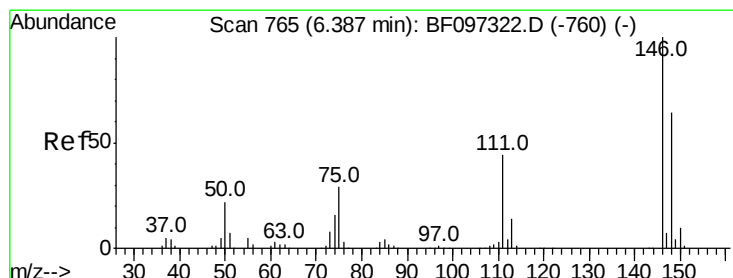
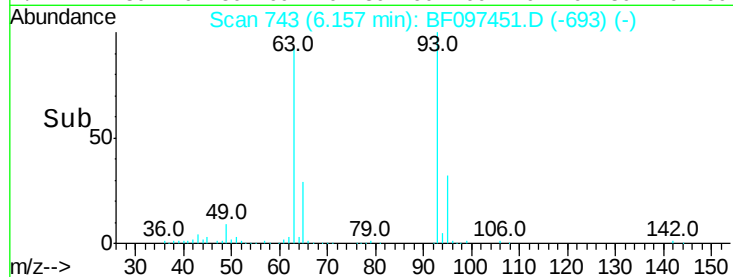
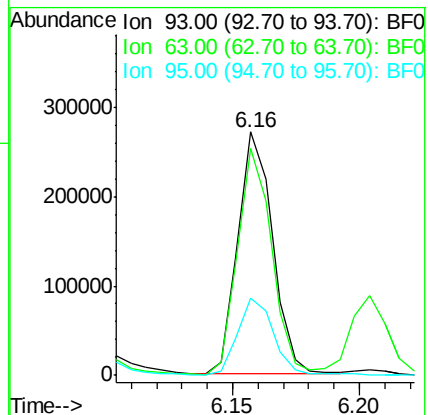
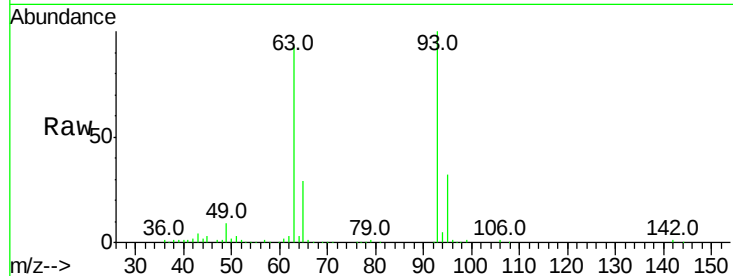
Tot Ion: 93 Resp: 257233

Ion Ratio Lower Upper

93 100

63 93.4 59.2 99.2

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.329 ng

RT: 6.35 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

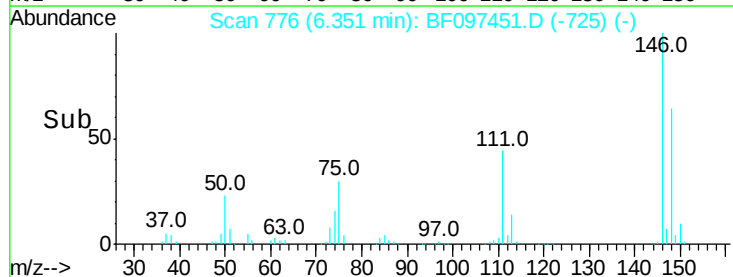
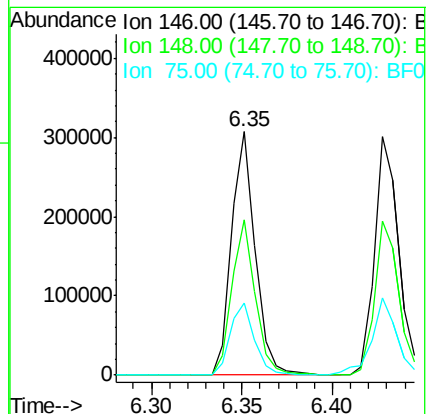
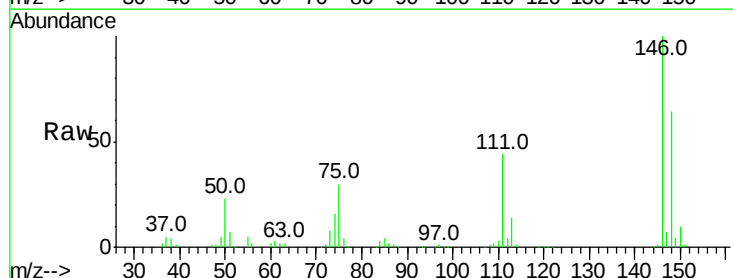
Tgt Ion: 146 Resp: 279285

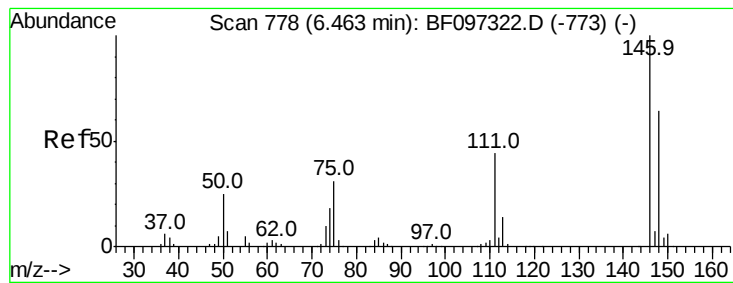
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

75 29.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.527 ng

RT: 6.43 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

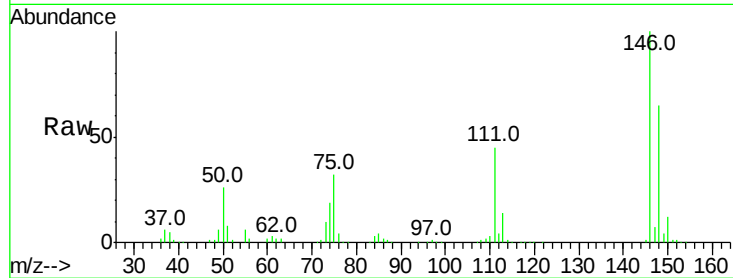
Tot Ion:146 Resp: 284795

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

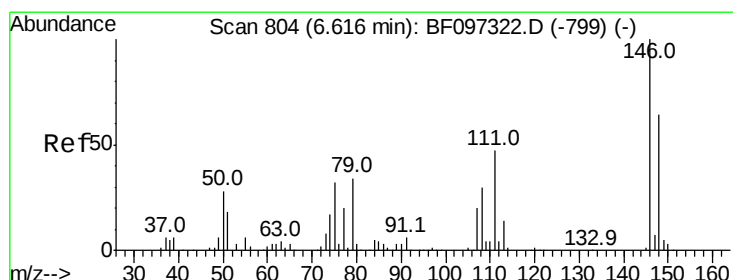
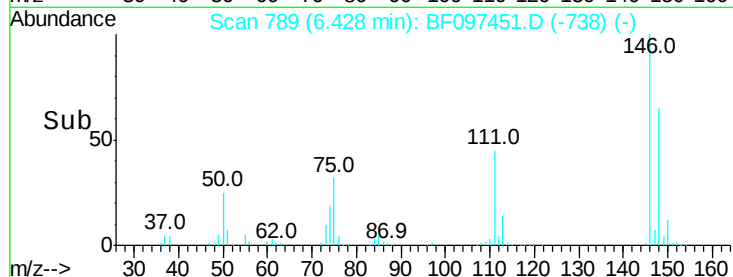
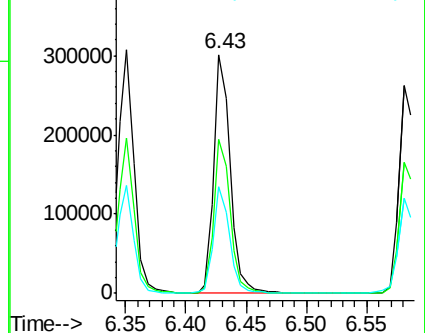
111 44.9 30.3 45.5



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: 42.205 ng

RT: 6.58 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

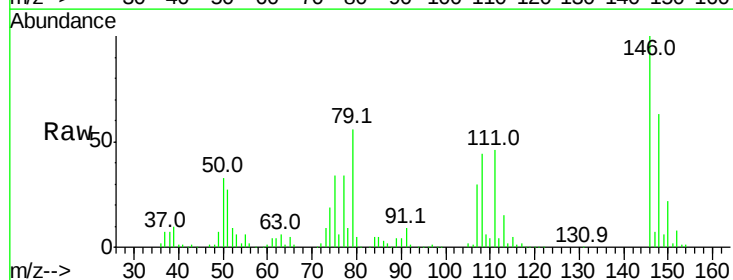
Tgt Ion:146 Resp: 246783

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

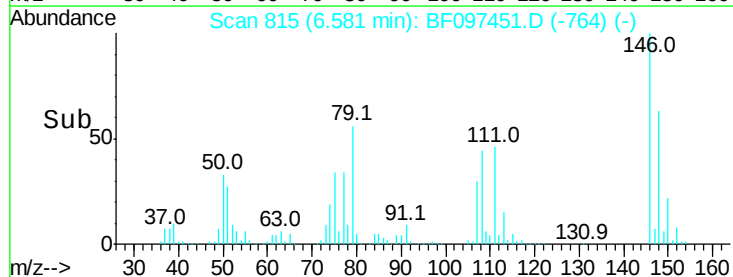
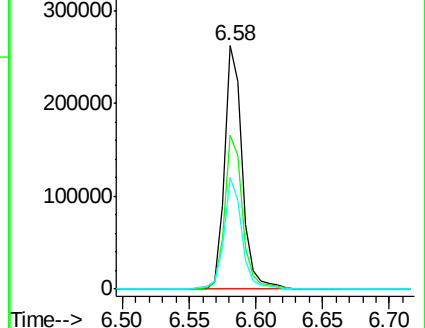
111 45.8 38.2 57.4

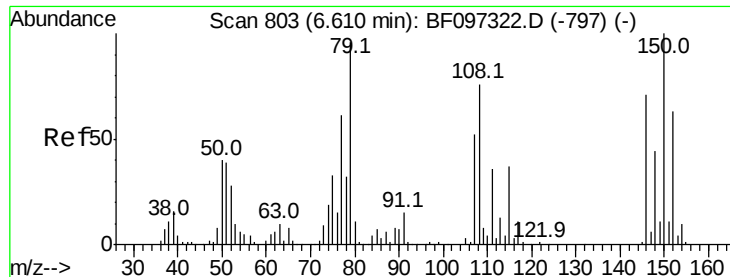


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

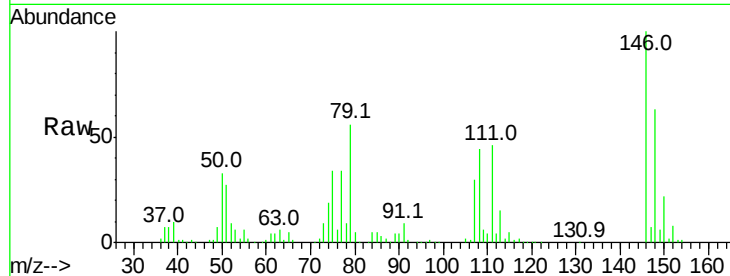




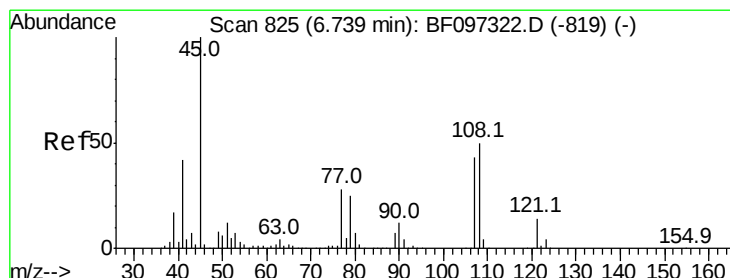
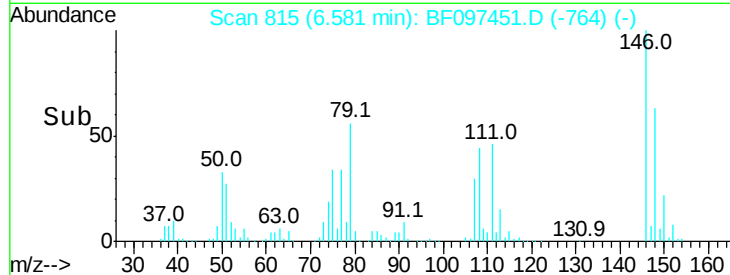
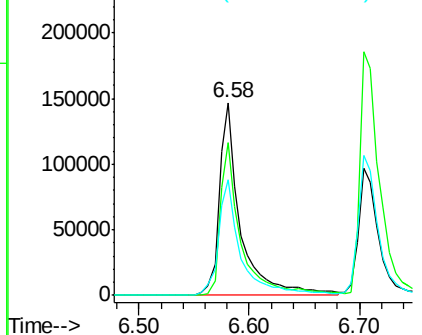
#15
Benzyl Alcohol
Concen: 46.302 ng
RT: 6.58 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 79 Resp: 196258
Ion Ratio Lower Upper
79 100
108 79.3 63.4 95.0
77 59.9 49.2 73.8

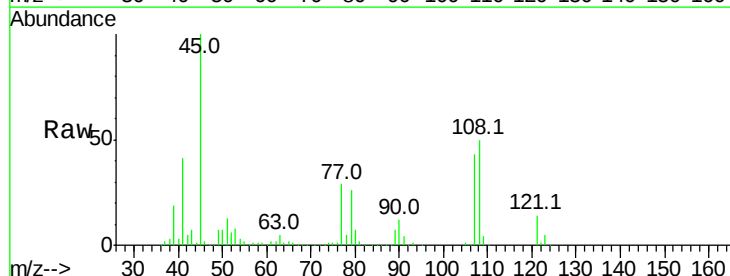


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

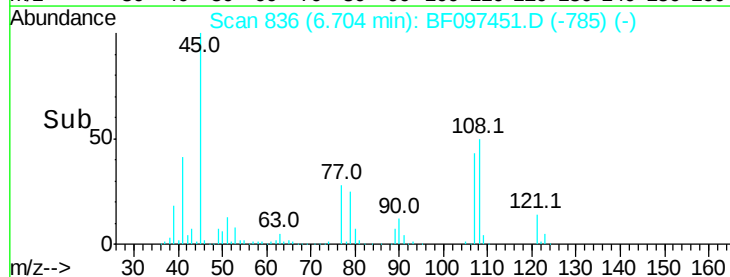
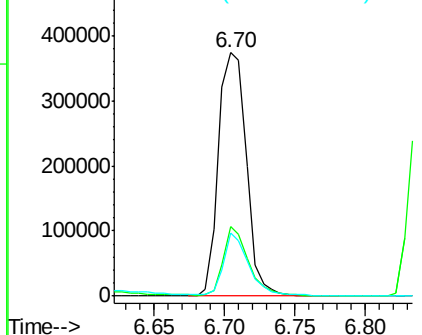


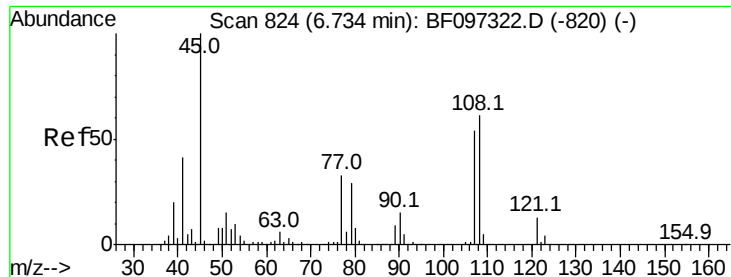
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.833 ng
RT: 6.70 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Tgt Ion: 45 Resp: 514382
Ion Ratio Lower Upper
45 100
77 28.6 0.0 33.2
79 25.8 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: 41.563 ng

RT: 6.70 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 201146

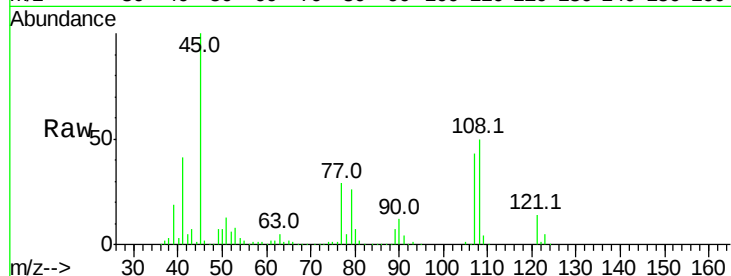
Ion Ratio Lower Upper

107 100

108 116.5 93.4 140.0

77 67.2 35.8 53.6#

79 60.5 34.8 52.2#

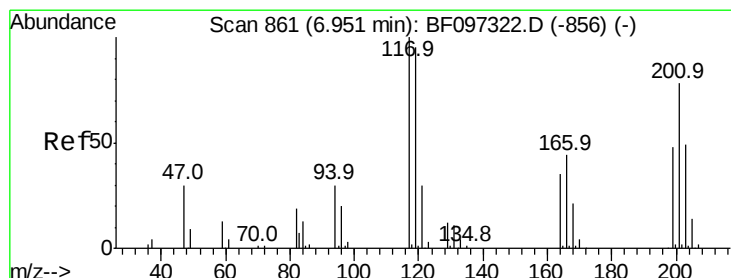
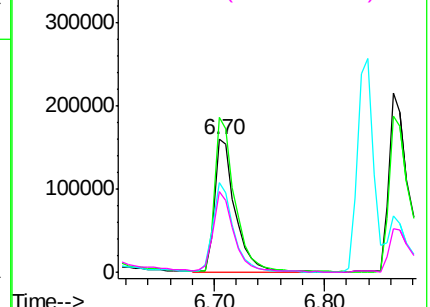
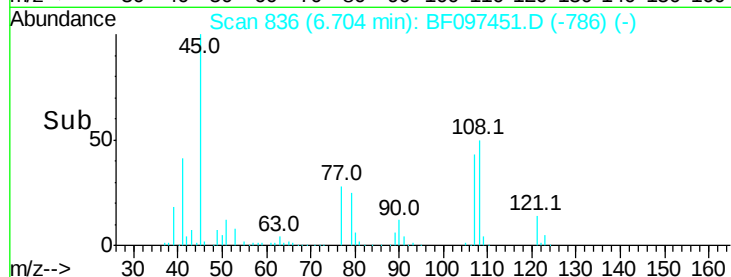


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.323 ng

RT: 6.92 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

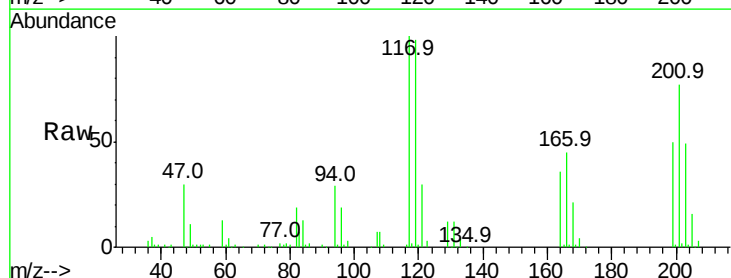
Tgt Ion:117 Resp: 91441

Ion Ratio Lower Upper

117 100

119 97.6 77.4 116.0

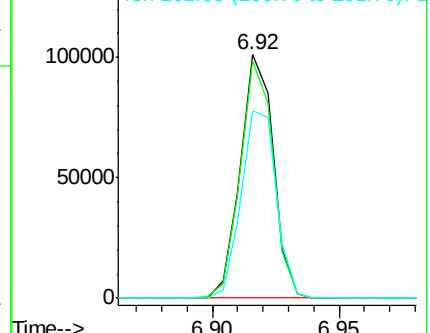
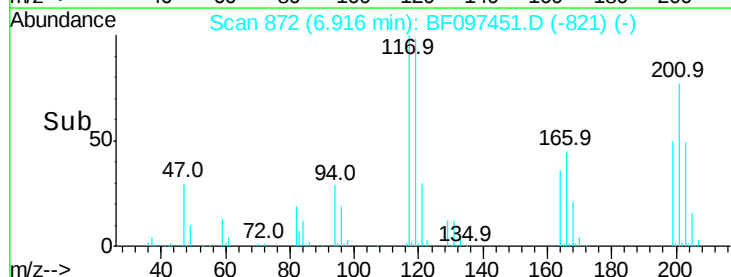
201 76.8 94.6 141.8#

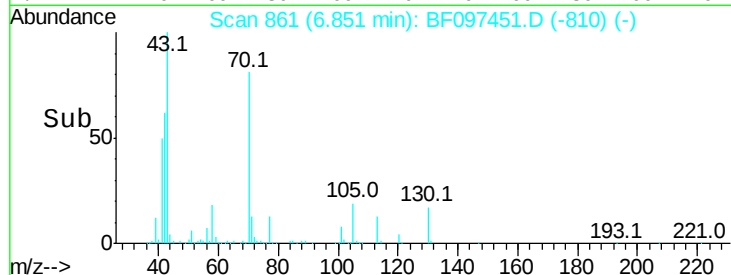
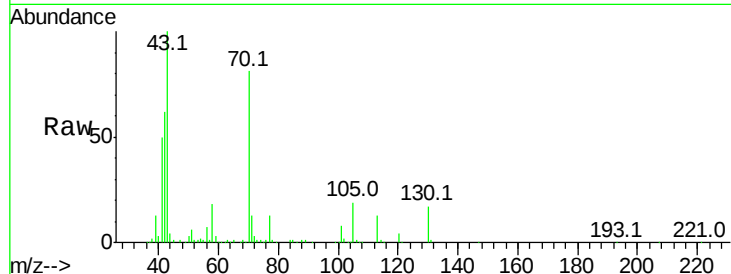
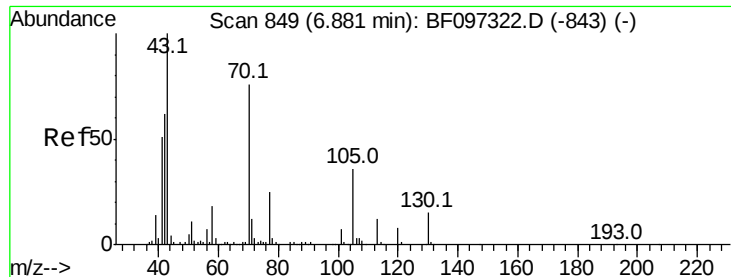


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

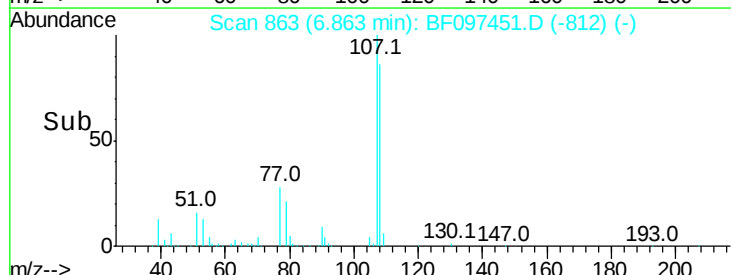
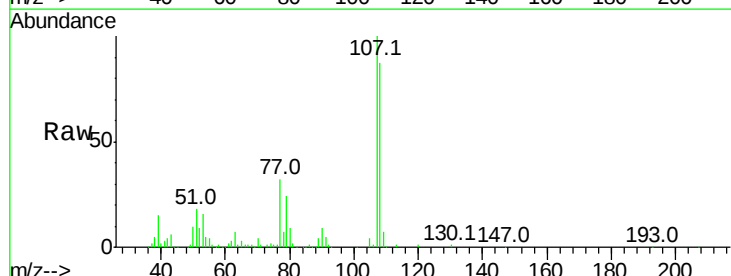
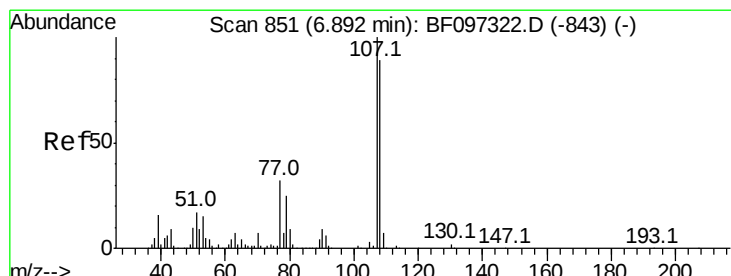
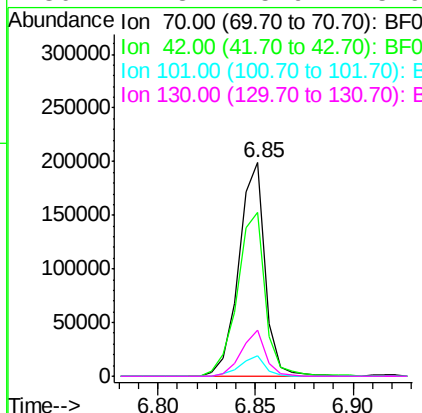




#19
n-Nitroso-di-n-propylamine
Concen: 42.086 ng
RT: 6.85 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

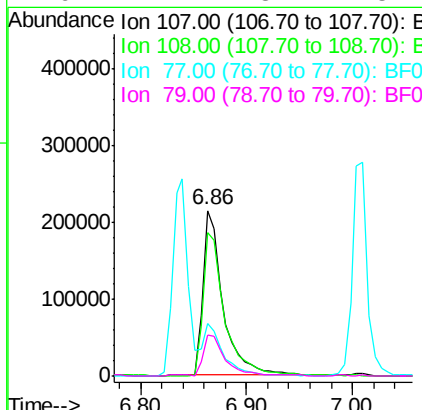
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

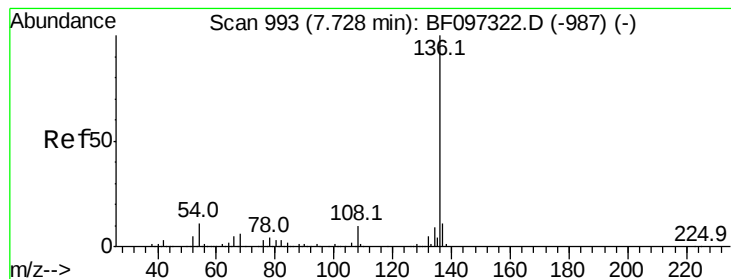
Tot Ion: 70 Resp: 185458
Ion Ratio Lower Upper
70 100
42 76.9 47.2 70.8#
101 9.8 7.2 10.8
130 21.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.625 ng
RT: 6.86 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Tgt Ion: 107 Resp: 282062
Ion Ratio Lower Upper
107 100
108 87.1 71.0 111.0
77 31.8 90.5 130.5#
79 24.4 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.70 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

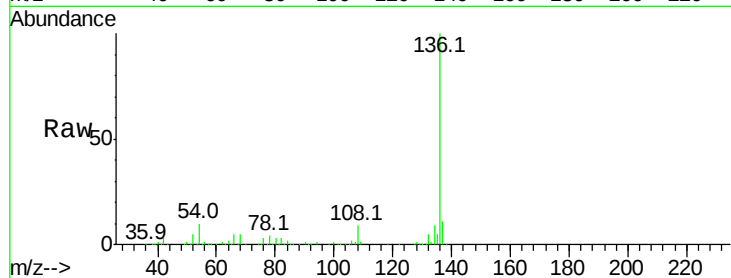
ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 366177

Ion Ratio Lower Upper

136	100		
137	10.8	8.5	12.7
54	10.3	4.9	7.3#
68	5.3	4.1	6.1

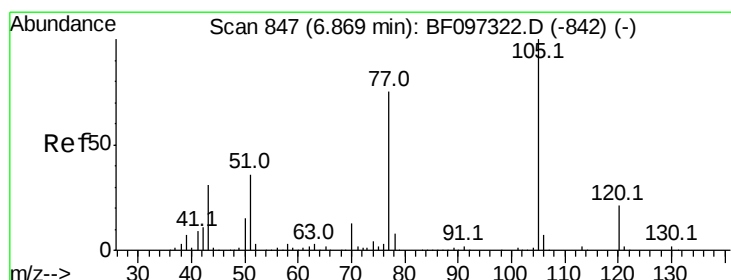
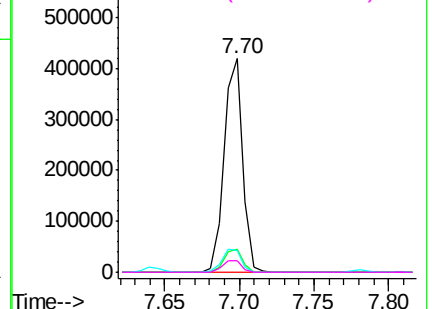
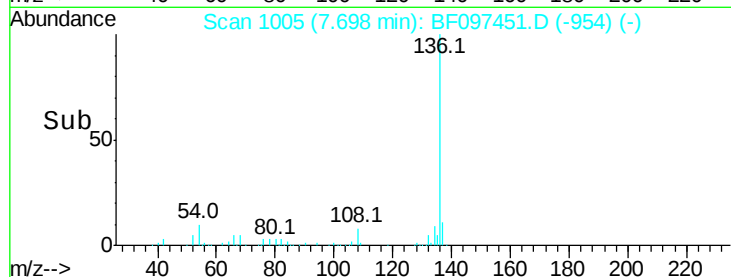


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.114 ng

RT: 6.84 min Scan# 859

Delta R.T. 0.00 min

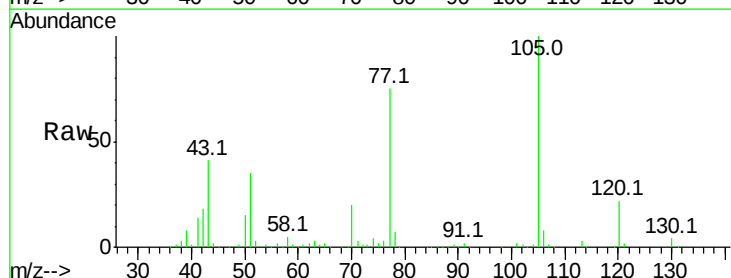
Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Tgt Ion:105 Resp: 361541

Ion Ratio Lower Upper

105	100		
71	3.2	2.8	4.2
51	35.1	30.7	46.1
120	22.2	17.4	26.0

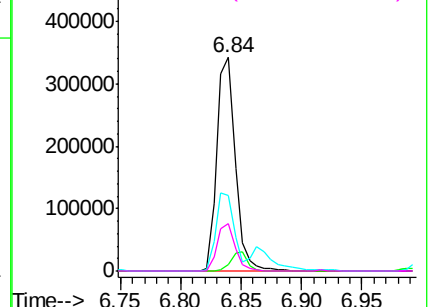
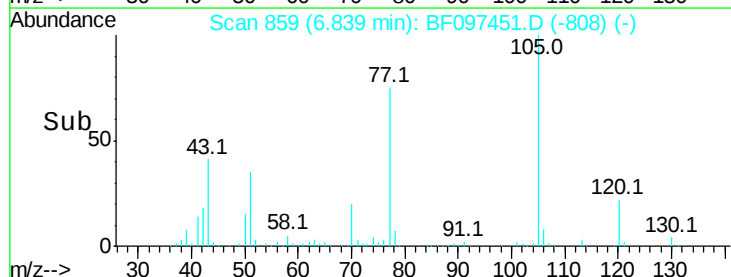


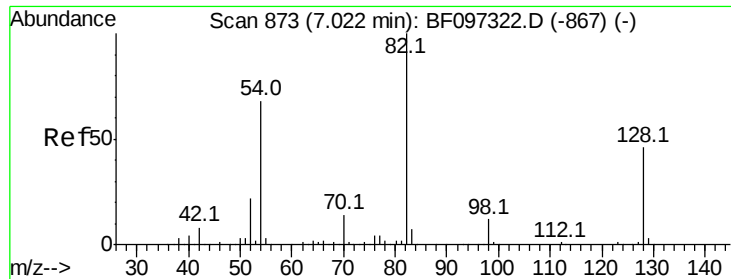
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

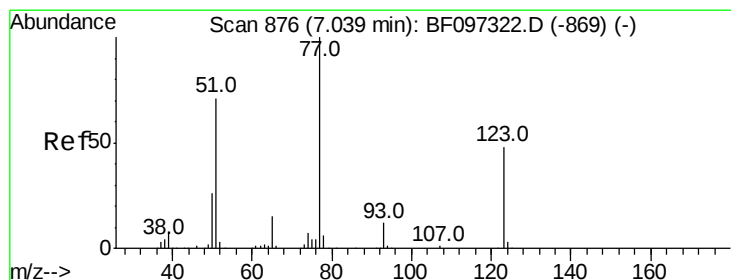
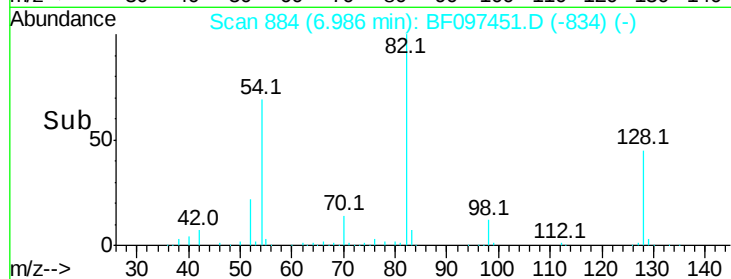
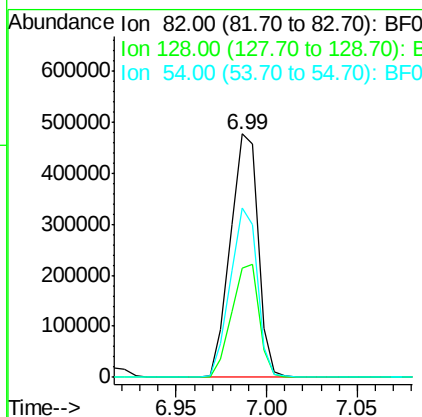
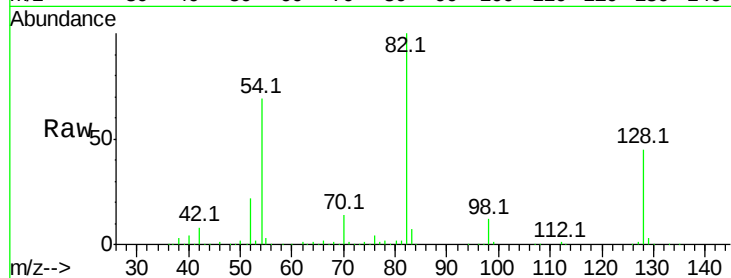




#23
 Nitrobenzene-d5
 Concen: 81.828 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

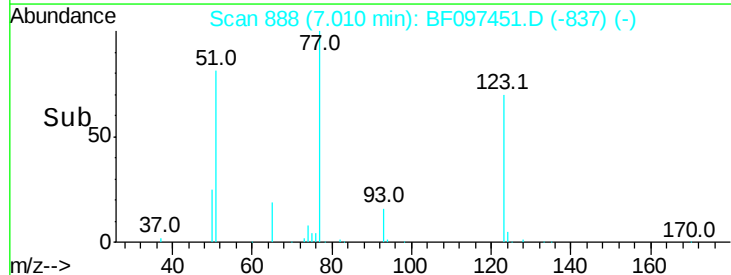
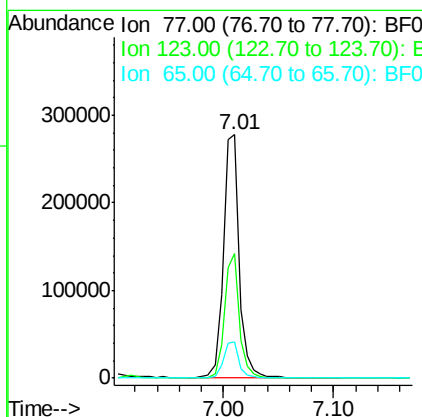
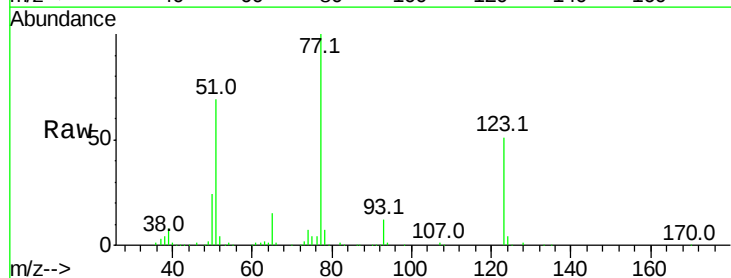
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

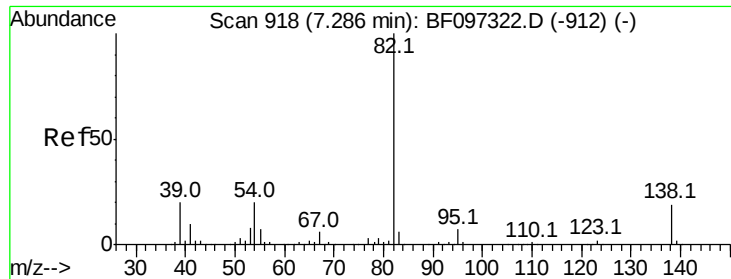
Tot Ion: 82 Resp: 510767
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.0 51.0
 54 69.4 42.2 63.2#



#24
 Nitrobenzene
 Concen: 42.689 ng
 RT: 7.01 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion: 77 Resp: 277514
 Ion Ratio Lower Upper
 77 100
 123 51.4 35.8 53.8
 65 14.8 10.6 15.8





#25

Isophorone

Concen: 38.546 ng

RT: 7.25 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

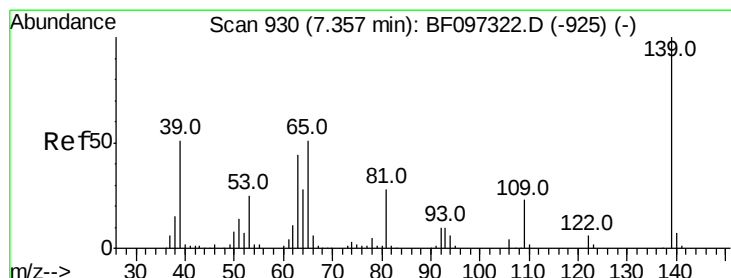
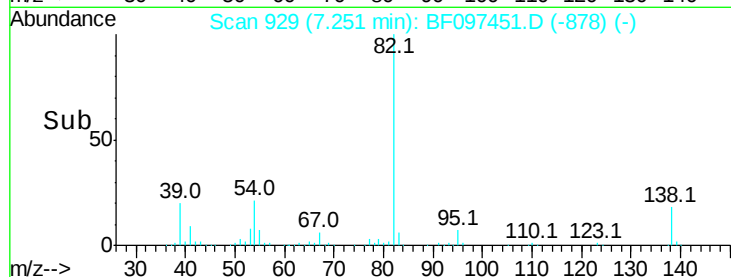
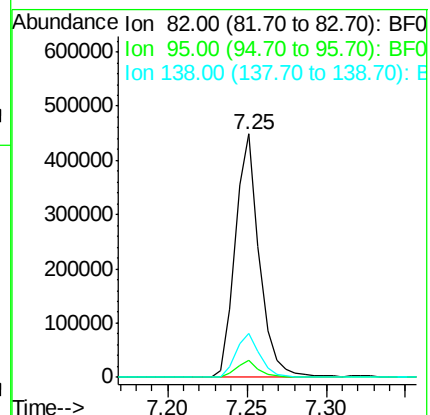
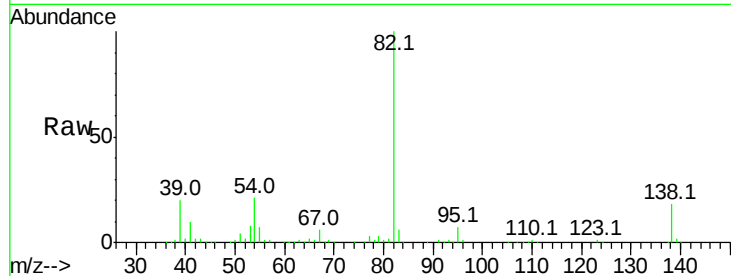
Tot Ion: 82 Resp: 471186

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 18.2 13.1 19.7



#26

2-Nitrophenol

Concen: 38.752 ng

RT: 7.32 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

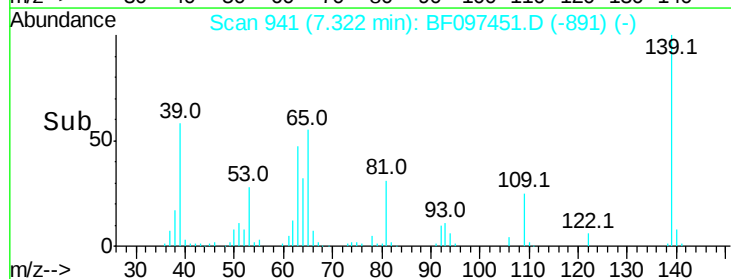
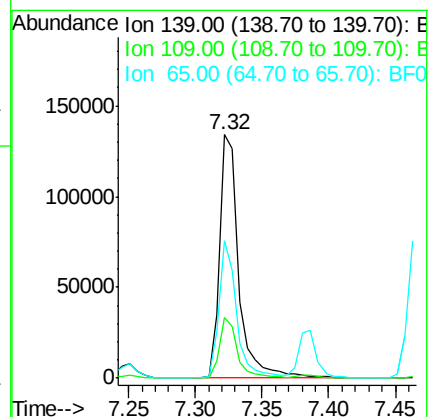
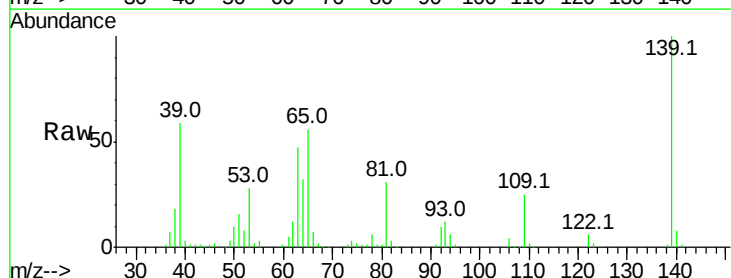
Tgt Ion:139 Resp: 136294

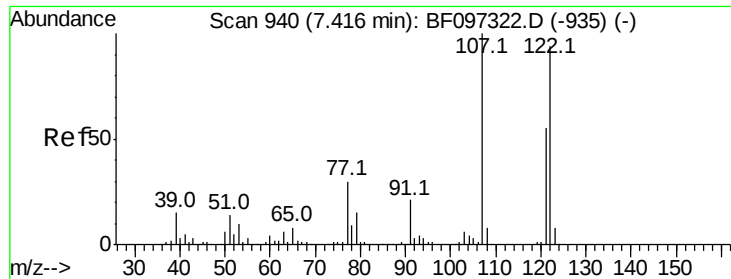
Ion Ratio Lower Upper

139 100

109 24.6 21.0 31.6

65 56.2 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 40.293 ng

RT: 7.39 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

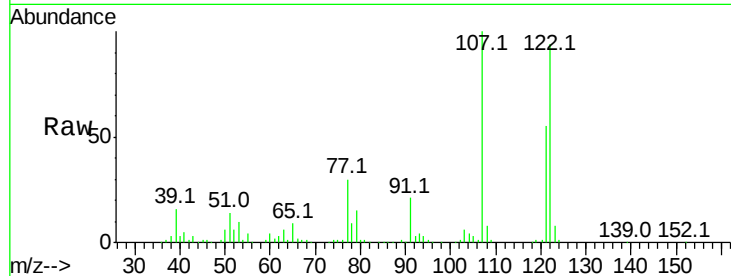
Tot Ion:122 Resp: 233769

Ion Ratio Lower Upper

122 100

107 106.2 89.2 133.8

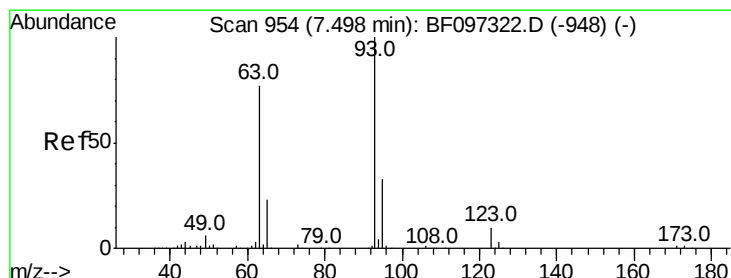
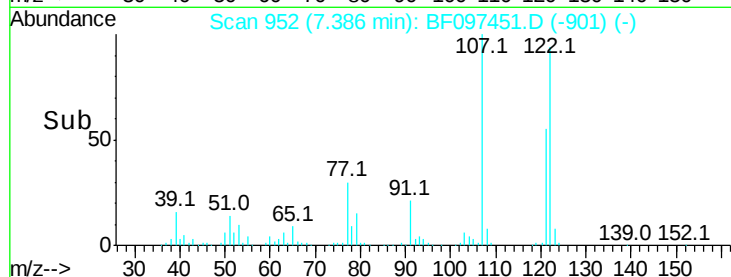
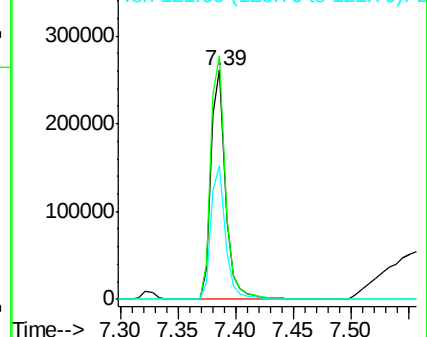
121 58.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.963 ng

RT: 7.47 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

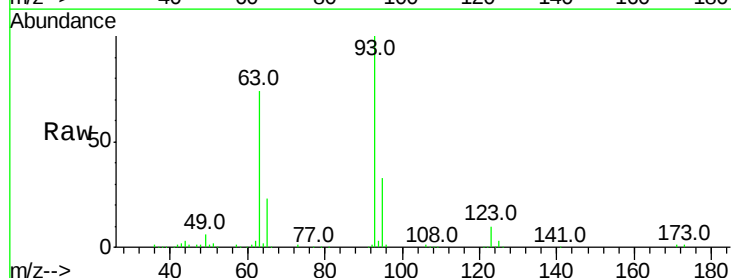
Tgt Ion: 93 Resp: 318794

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

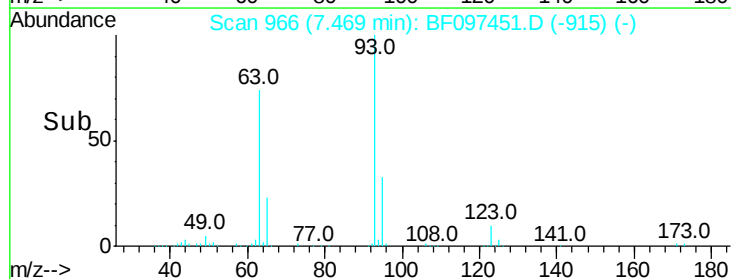
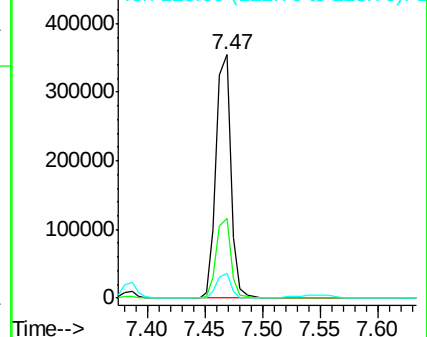
123 10.4 9.0 13.4

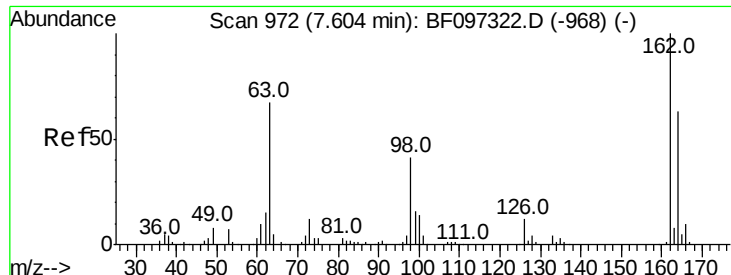


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

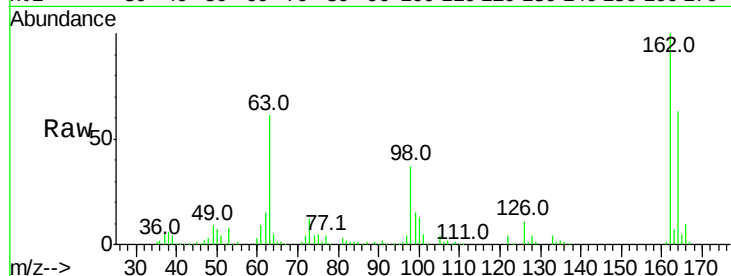




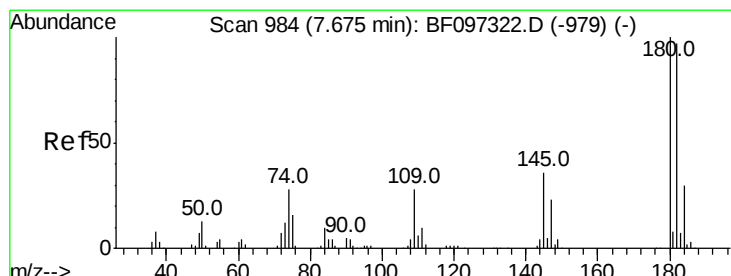
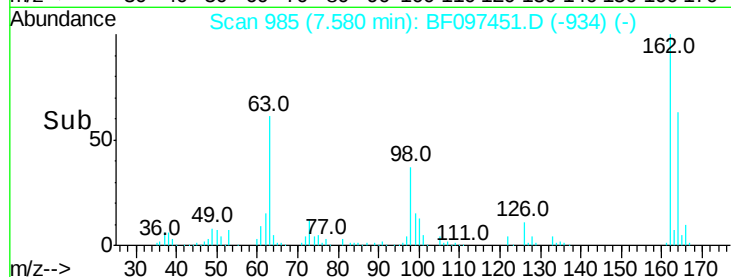
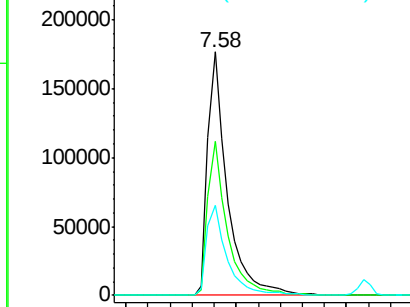
#29
2,4-Dichlorophenol
Concen: 42.545 ng
RT: 7.58 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 212644
Ion Ratio Lower Upper
162 100
164 63.2 44.6 84.6
98 37.0 14.8 54.8

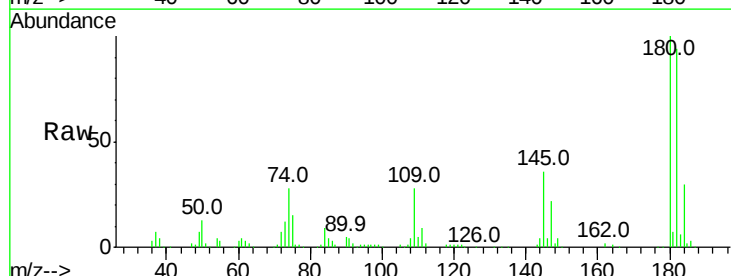


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

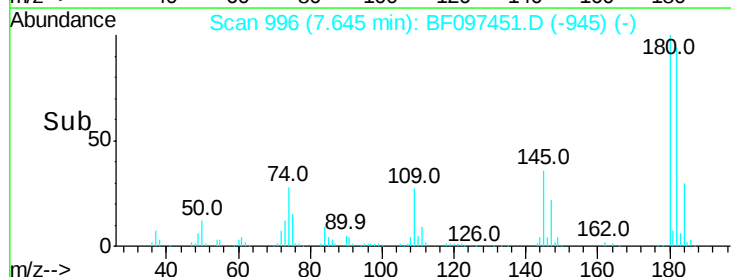
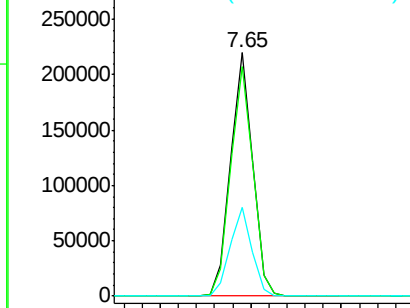


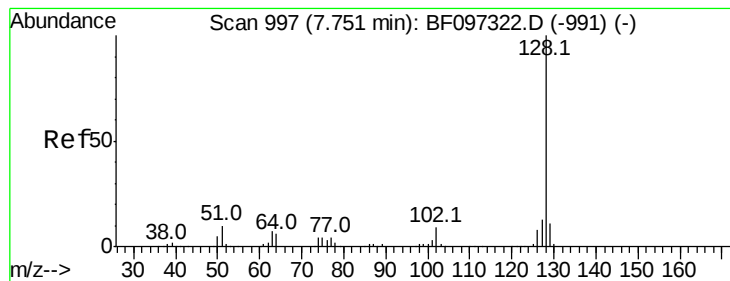
#30
1,2,4-Trichlorobenzene
Concen: 39.453 ng
RT: 7.65 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Tgt Ion:180 Resp: 187955
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.6
145 36.4 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: 40.901 ng

RT: 7.72 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

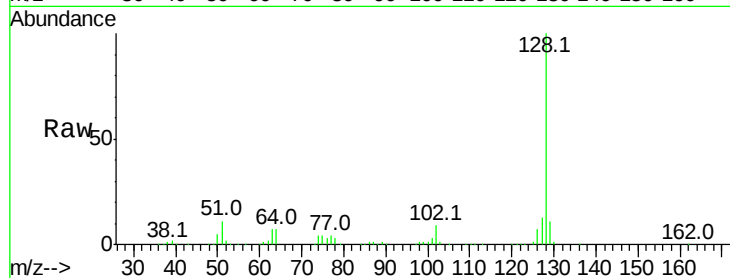
Tot Ion:128 Resp: 706000

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

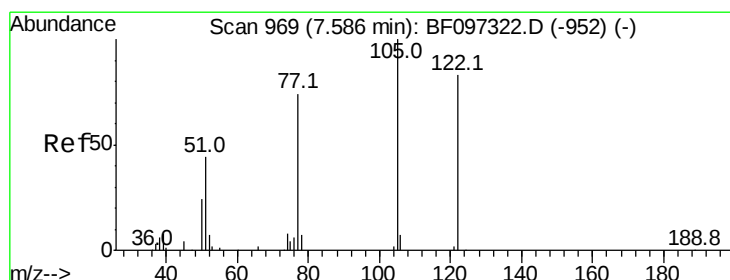
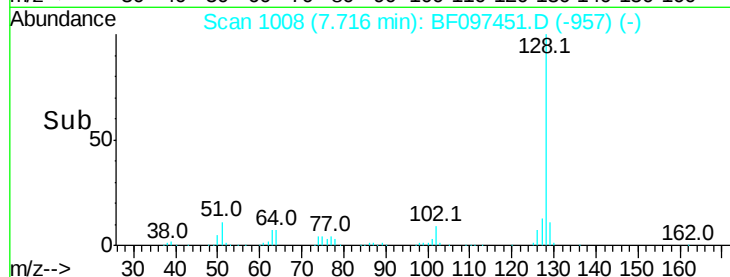
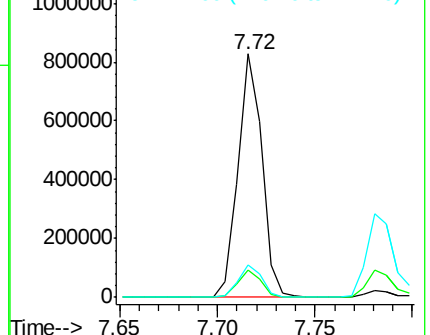
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.358 ng

RT: 7.56 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

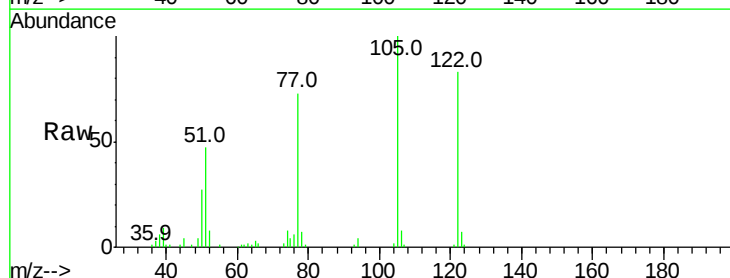
Tgt Ion:122 Resp: 144516

Ion Ratio Lower Upper

122 100

105 120.7 103.3 143.3

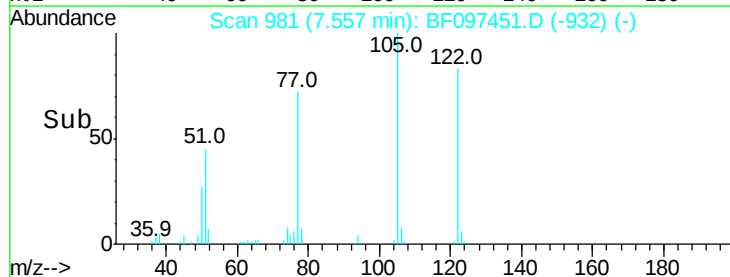
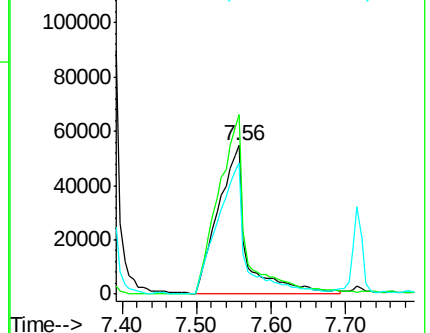
77 88.6 73.7 113.7

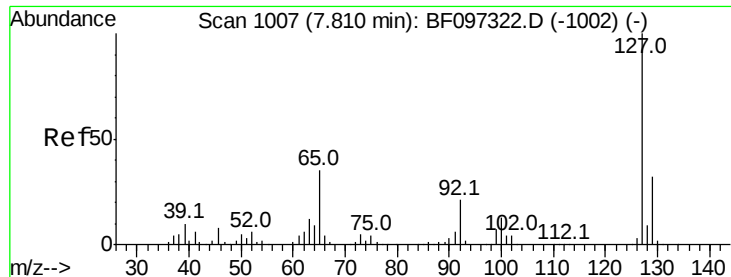


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

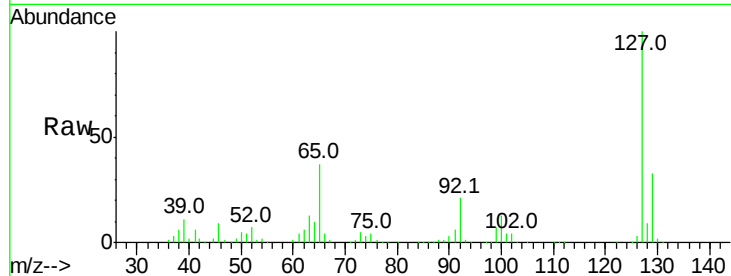




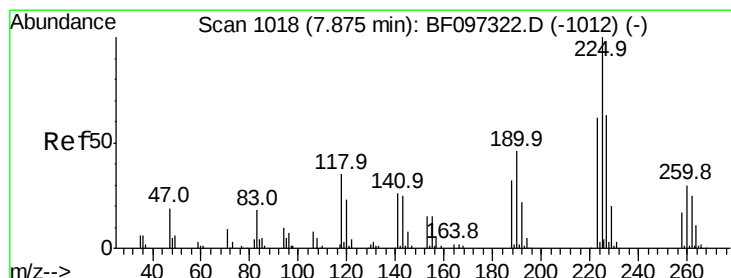
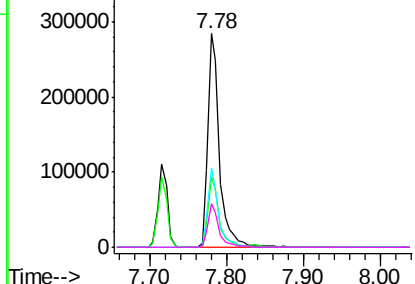
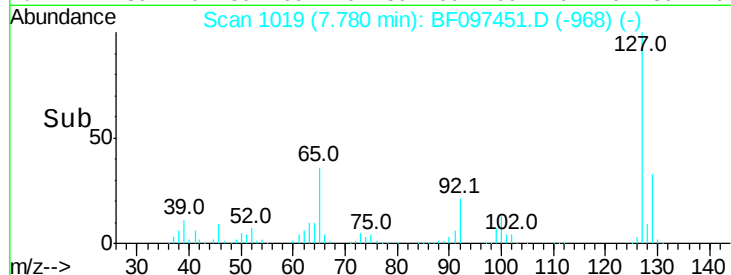
#33
 4-Chloroaniline
 Concen: 42.102 ng
 RT: 7.78 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	127	Resp:	295707
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	37.2	27.8	41.8
92	20.6	16.8	25.2

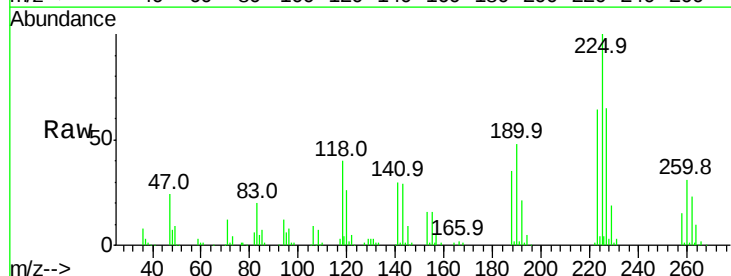


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

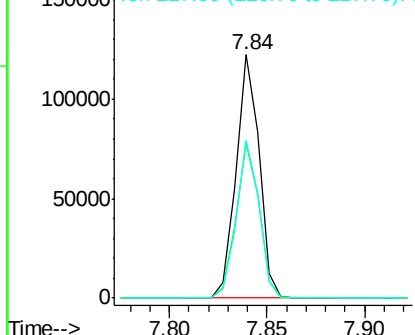
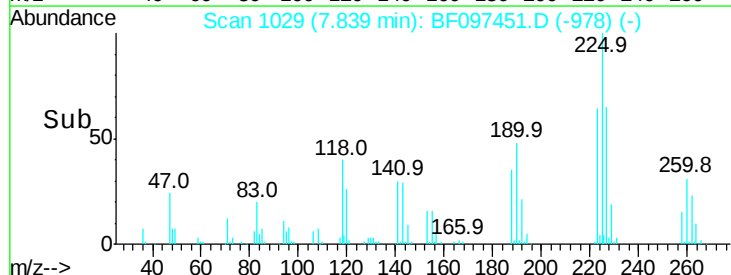


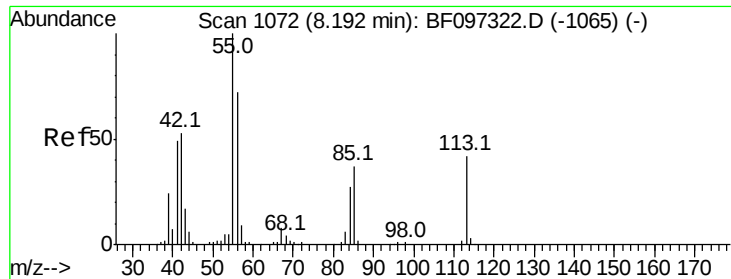
#34
 Hexachlorobutadiene
 Concen: 39.790 ng
 RT: 7.84 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion:	225	Resp:	100494
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	65.0	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

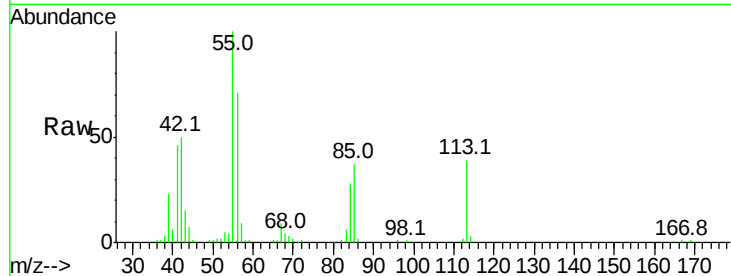




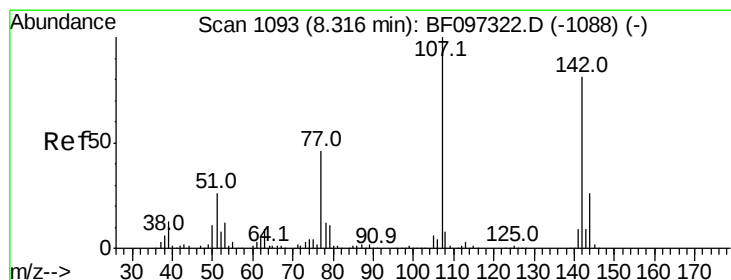
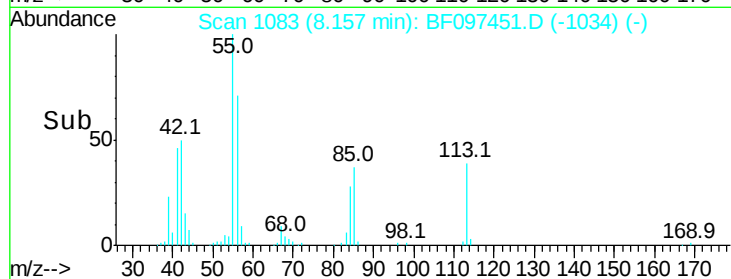
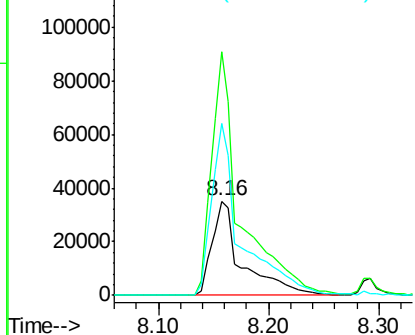
#35
 Caprolactam
 Concen: 41.225 ng
 RT: 8.16 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 66070
 Ion Ratio Lower Upper
 113 100
 55 258.4 150.2 190.2#
 56 182.9 107.8 147.8#

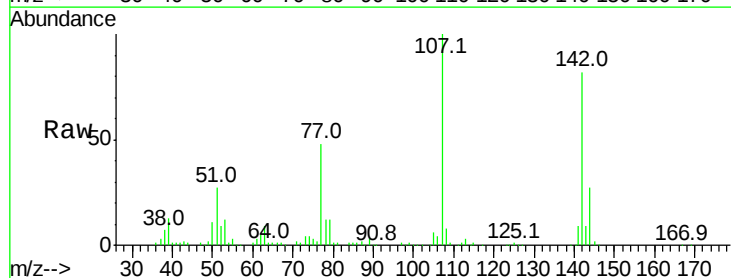


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

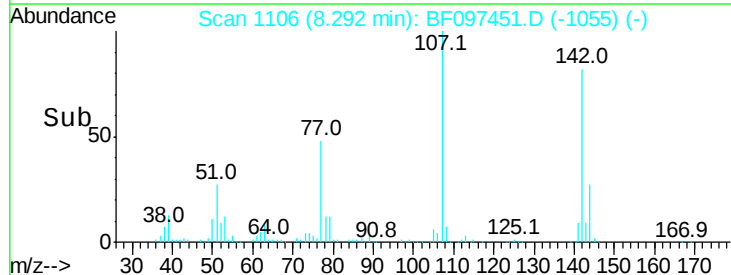
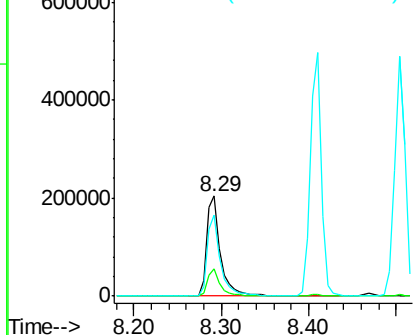


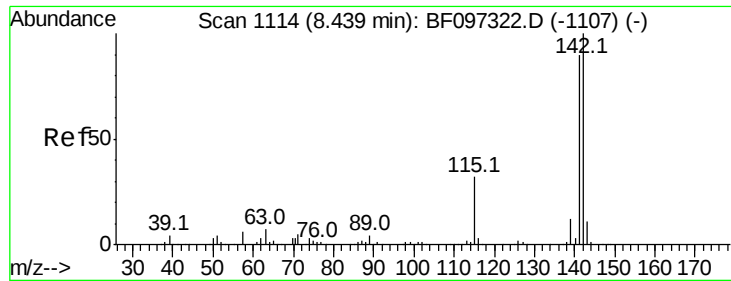
#36
 4-Chloro-3-methylphenol
 Concen: 40.866 ng
 RT: 8.29 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion:107 Resp: 222832
 Ion Ratio Lower Upper
 107 100
 144 27.1 24.2 36.4
 142 81.5 73.4 110.0



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

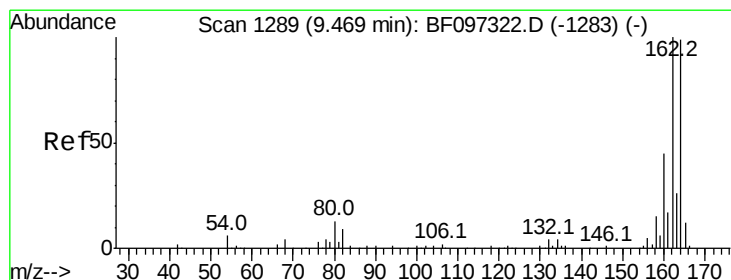
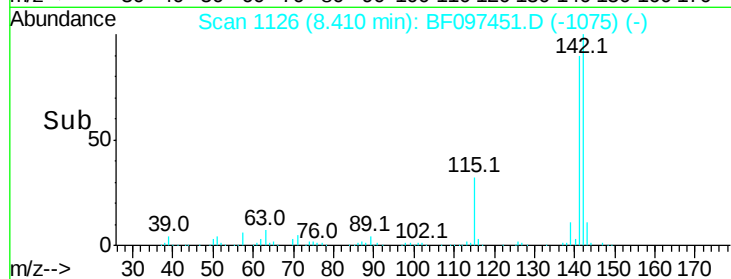
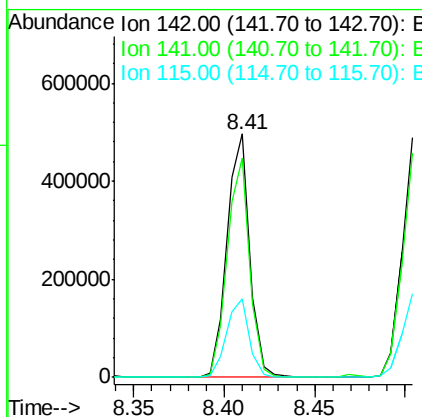
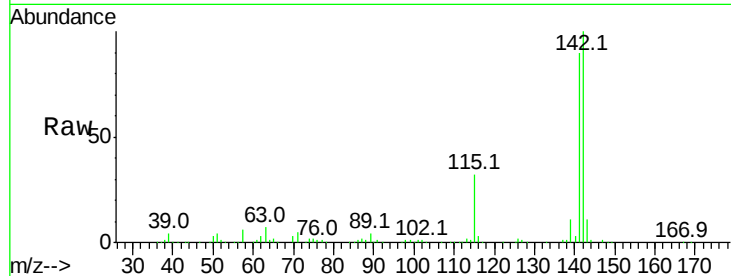




#37
2-Methylnaphthalene
Concen: 39.512 ng
RT: 8.41 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

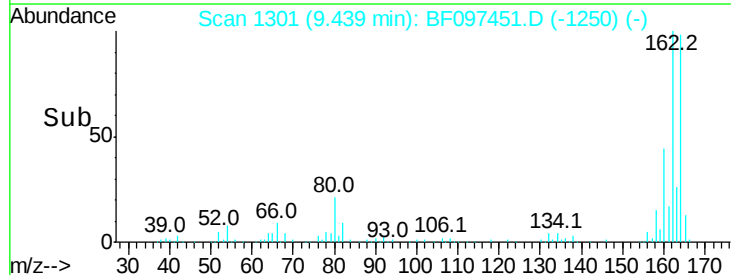
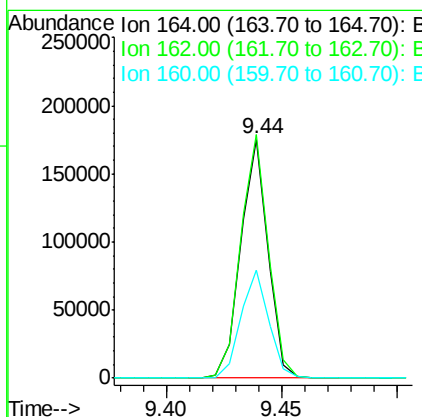
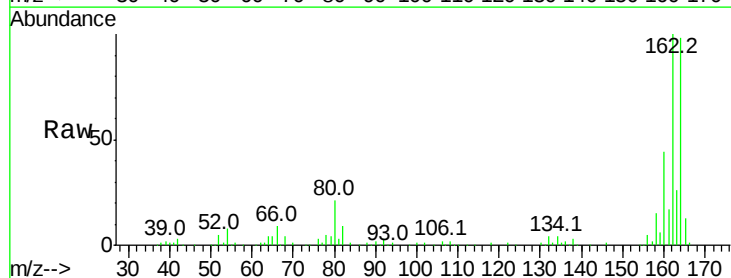
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

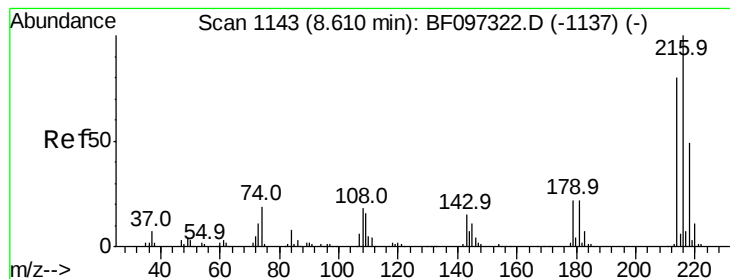
Tot Ion:142 Resp: 431829
Ion Ratio Lower Upper
142 100
141 90.1 71.3 106.9
115 32.0 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.44 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Tgt Ion:164 Resp: 144207
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 45.1 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.515 ng

RT: 8.58 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 171284

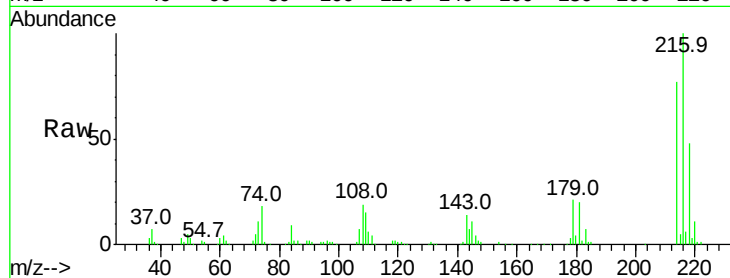
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 21.7 17.9 26.9

108 21.1 16.5 24.7

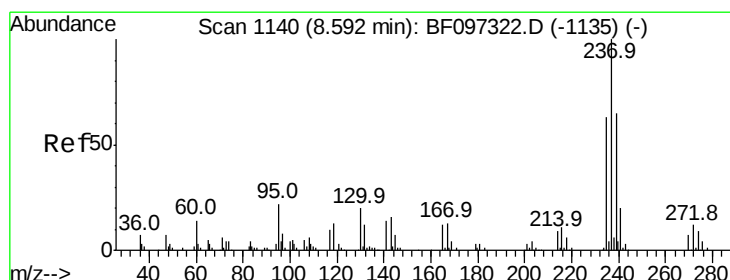
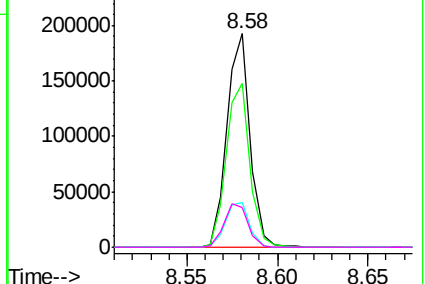
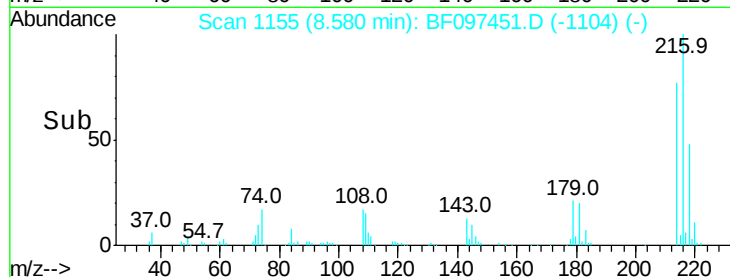


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.935 ng

RT: 8.56 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

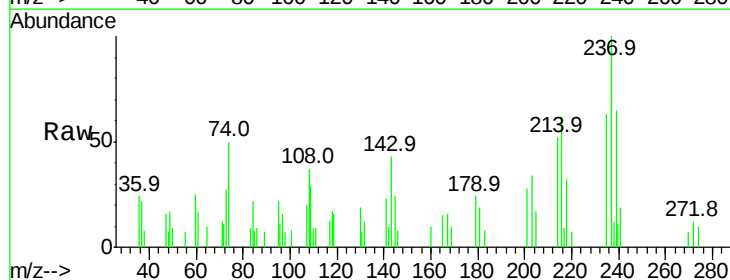
Tgt Ion:237 Resp: 3437

Ion Ratio Lower Upper

237 100

235 62.7 42.6 82.6

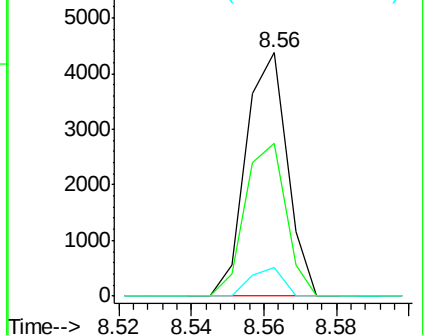
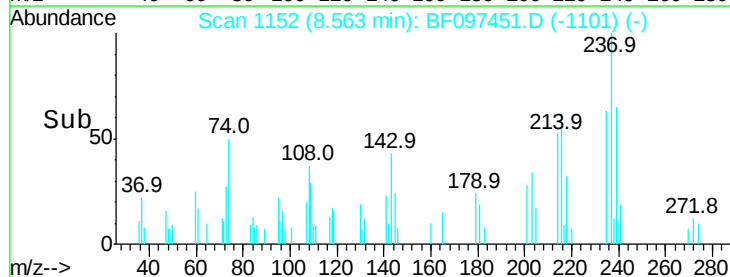
272 11.6 0.0 31.9

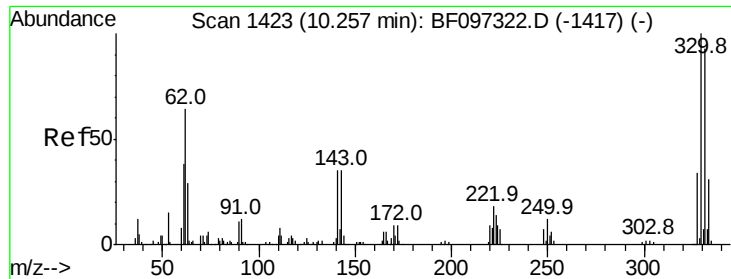


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

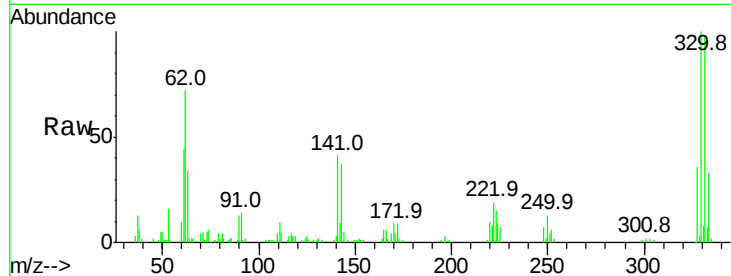




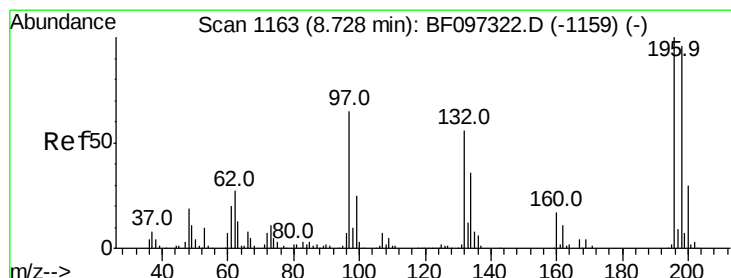
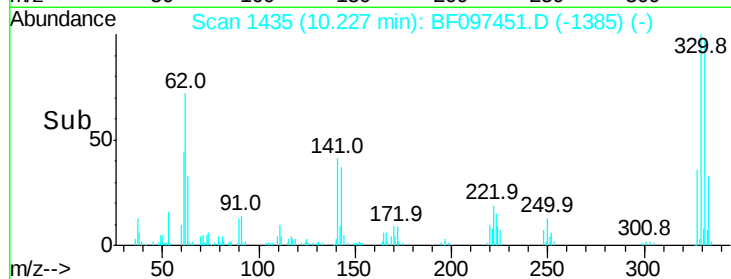
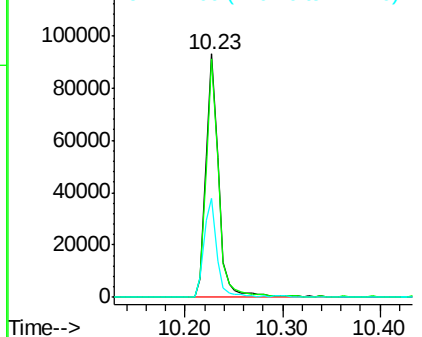
#41
 2,4,6-Tribromophenol
 Concen: 74.884 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 85321
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 41.2 31.4 47.2

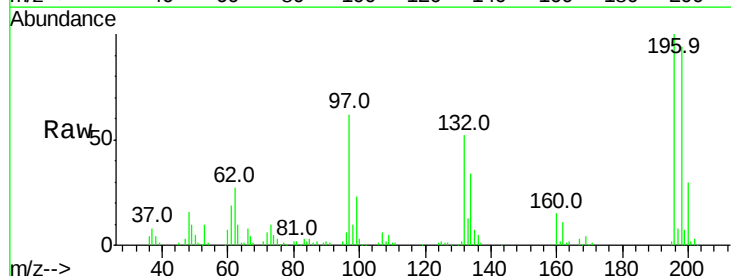


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

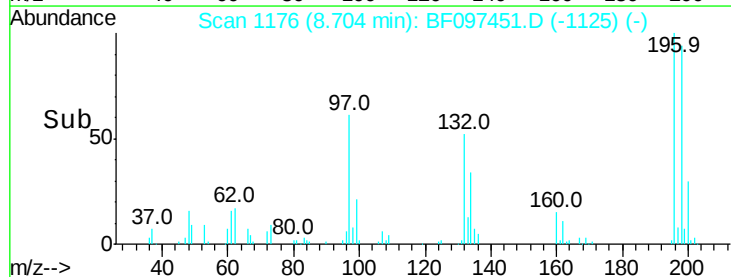
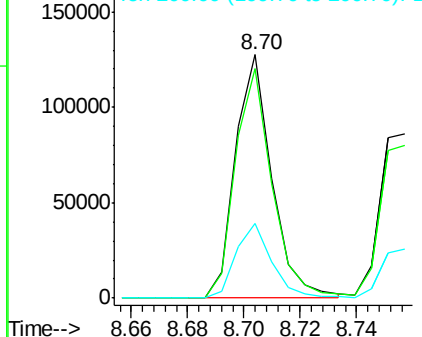


#42
 2,4,6-Trichlorophenol
 Concen: 41.172 ng
 RT: 8.70 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion:196 Resp: 114803
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.2 111.4
 200 30.4 24.0 36.0



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

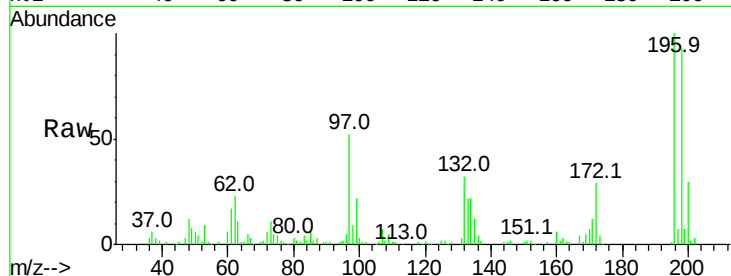




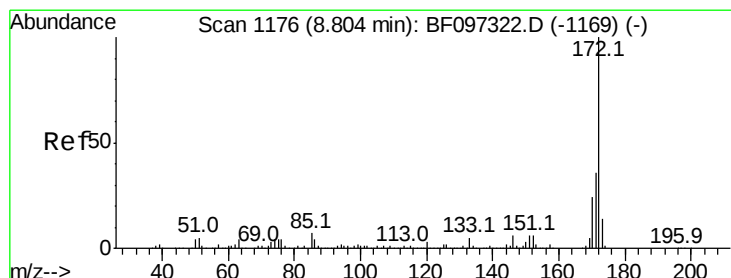
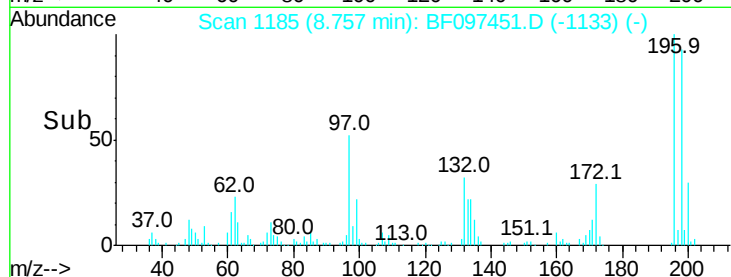
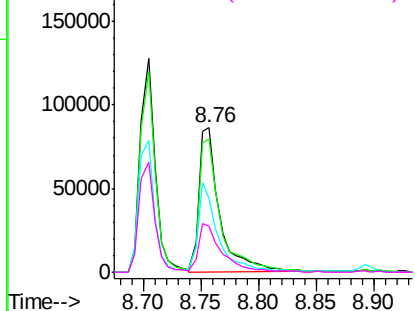
#43
2,4,5-Trichlorophenol
Concen: 39.576 ng
RT: 8.76 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.8	75.7	113.5
97	51.9	47.7	71.5
132	32.3	28.0	42.0

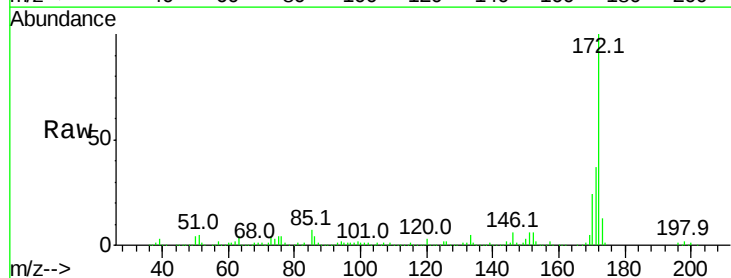


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

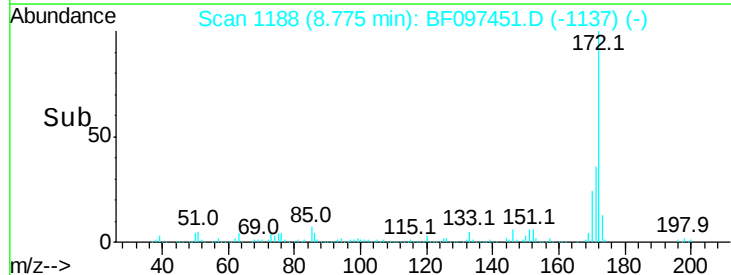
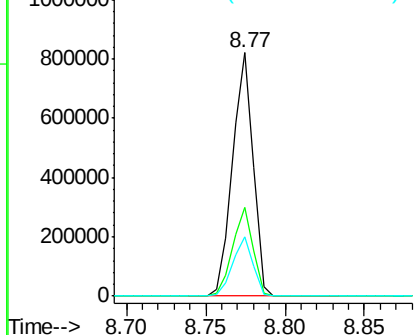


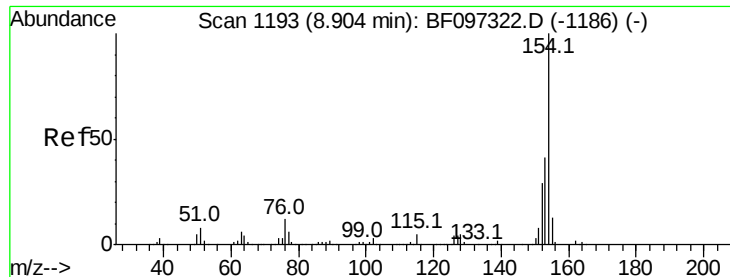
#44
2-Fluorobiphenyl
Concen: 87.210 ng
RT: 8.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.2	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: 43.405 ng

RT: 8.87 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

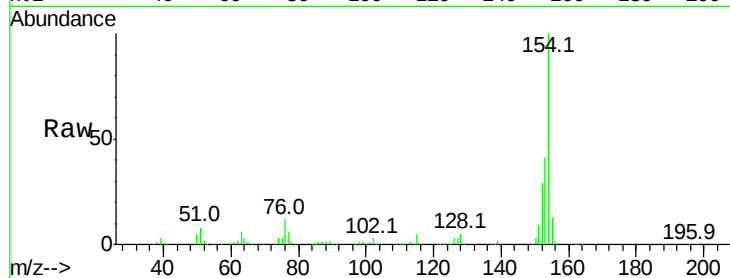
Tot Ion:154 Resp: 534637

Ion Ratio Lower Upper

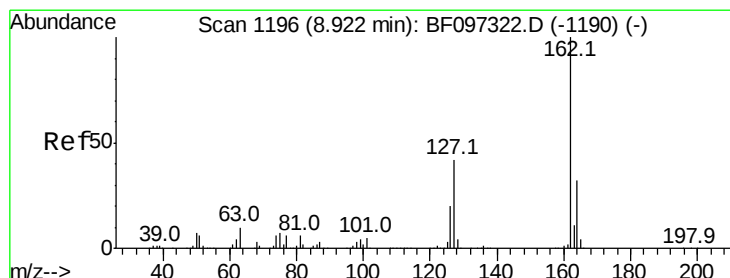
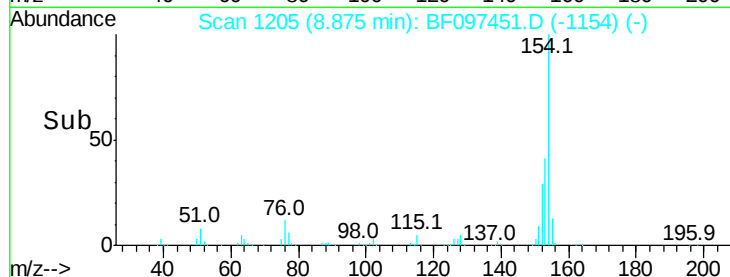
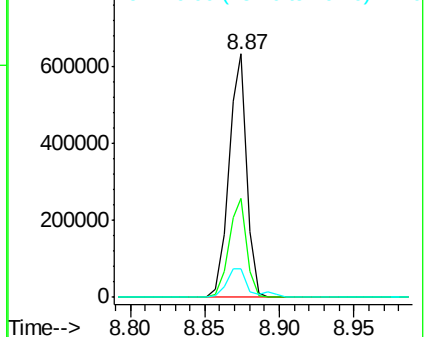
154 100

153 40.8 21.2 61.2

76 11.9 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 42.262 ng

RT: 8.89 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

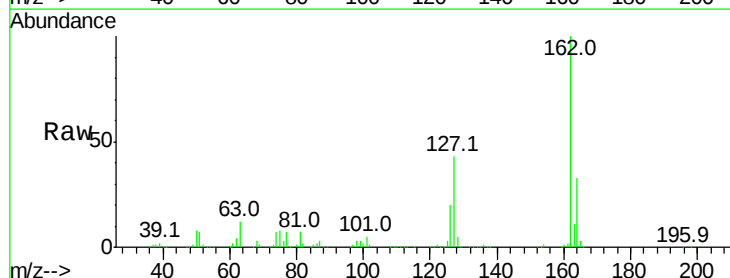
Tgt Ion:162 Resp: 383063

Ion Ratio Lower Upper

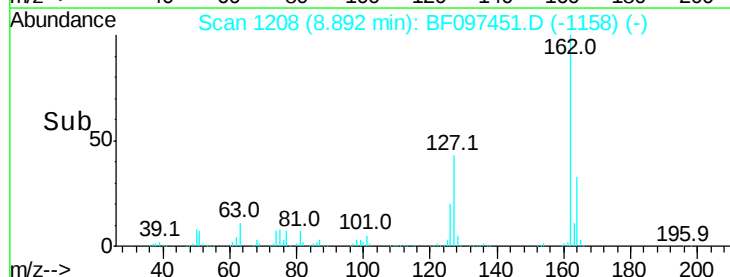
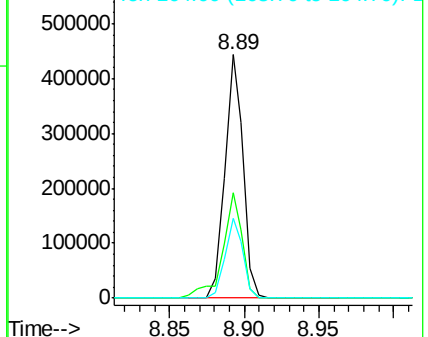
162 100

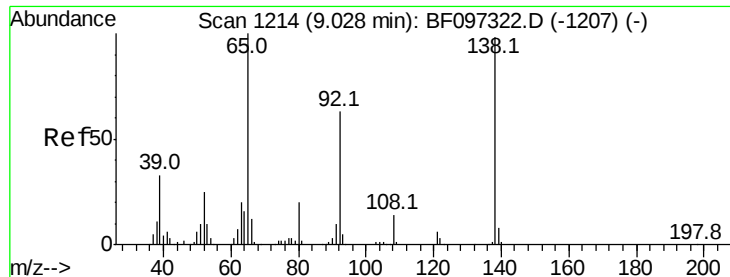
127 43.3 28.3 42.5#

164 32.8 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: 45.334 ng

RT: 9.00 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

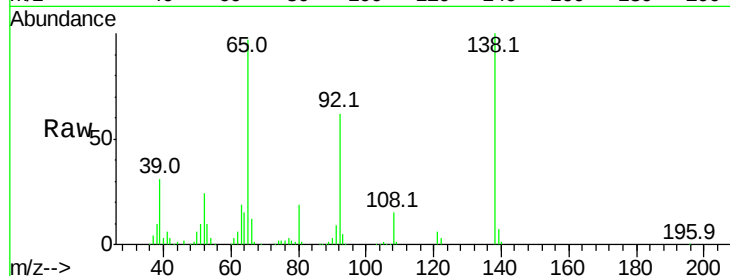
Tot Ion: 65 Resp: 149127

Ion Ratio Lower Upper

65 100

92 63.8 53.9 80.9

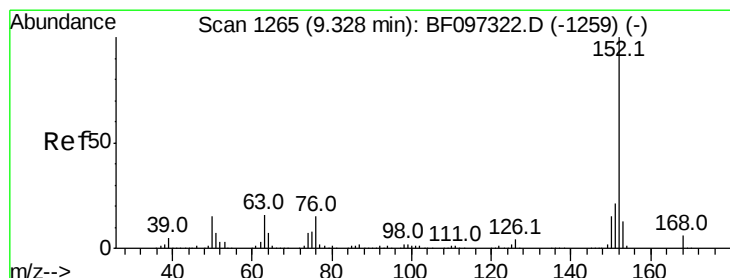
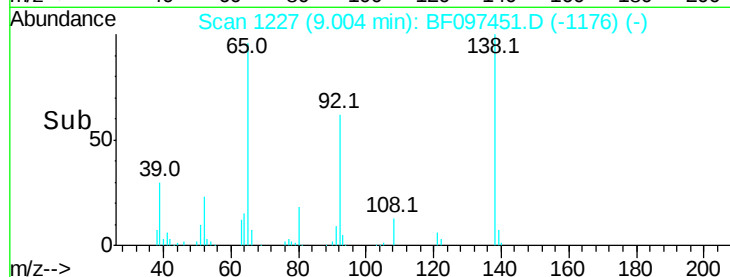
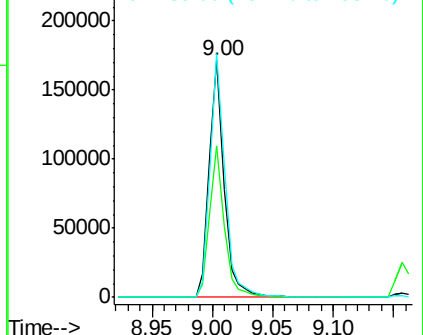
138 102.7 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.086 ng

RT: 9.30 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

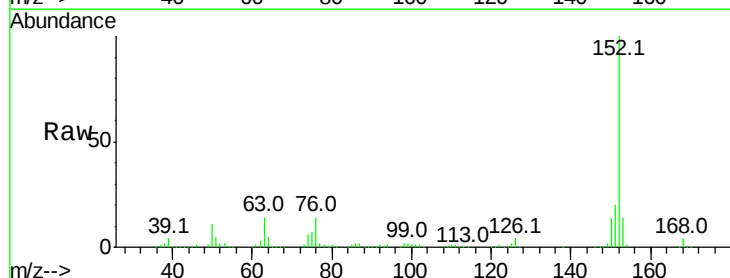
Tgt Ion: 152 Resp: 571621

Ion Ratio Lower Upper

152 100

151 20.2 16.8 25.2

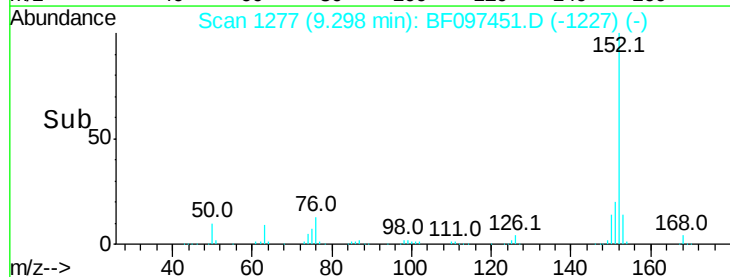
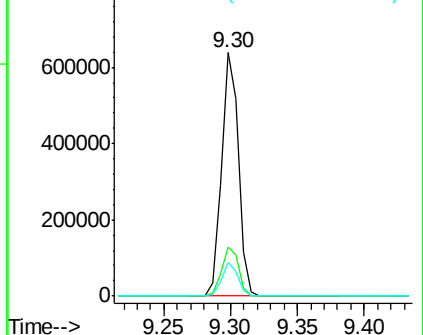
153 13.6 10.8 16.2

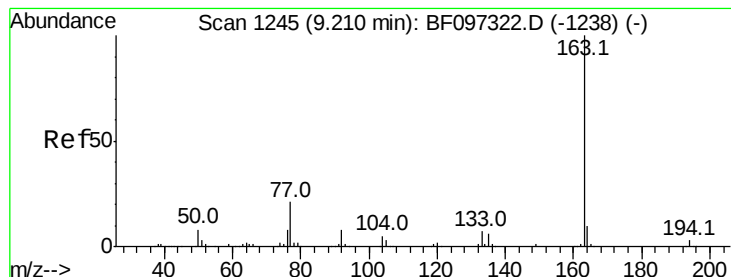


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.170 ng

RT: 9.18 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

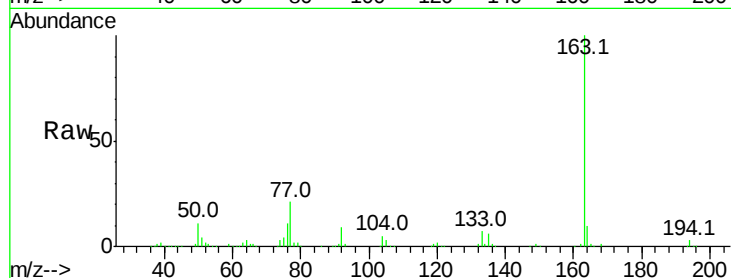
Tot Ion:163 Resp: 472746

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

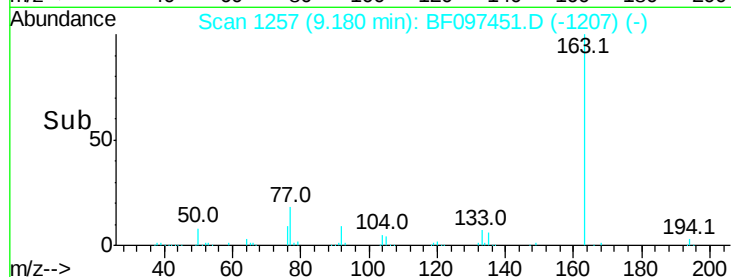
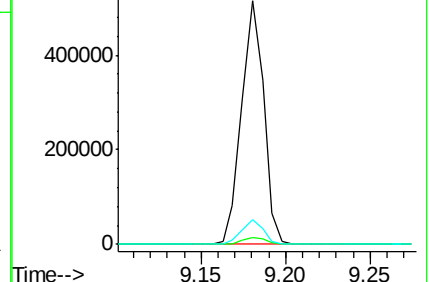
164 10.1 8.4 12.6



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: 40.968 ng

RT: 9.25 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

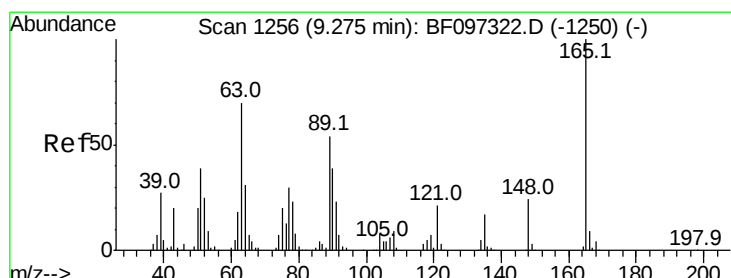
Tgt Ion:165 Resp: 95153

Ion Ratio Lower Upper

165 100

63 76.2 34.3 51.5#

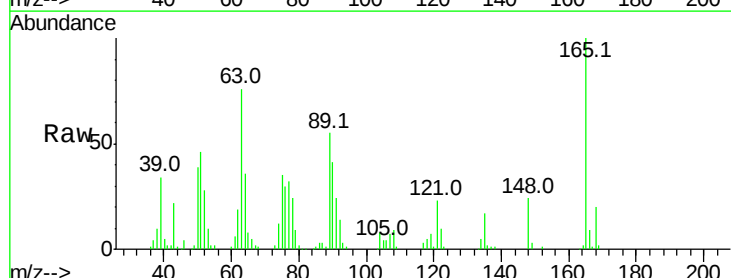
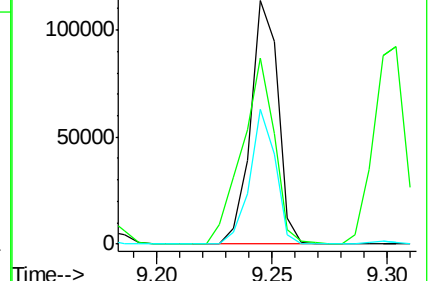
89 55.1 37.1 55.7

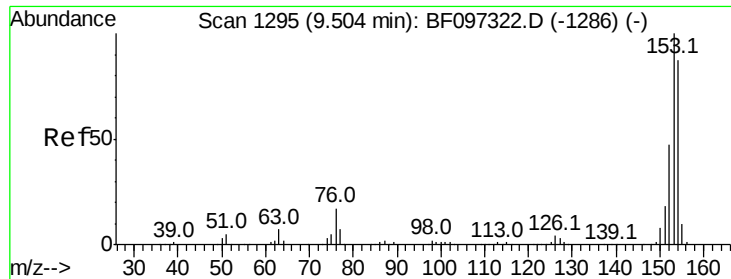


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.876 ng

RT: 9.47 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

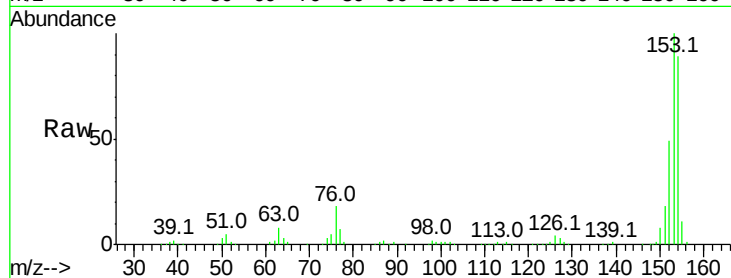
Tot Ion:154 Resp: 343175

Ion Ratio Lower Upper

154 100

153 112.2 90.5 135.7

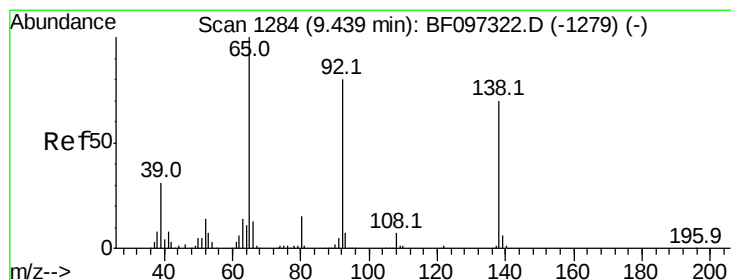
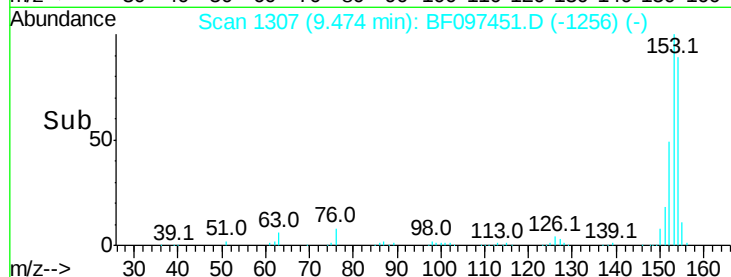
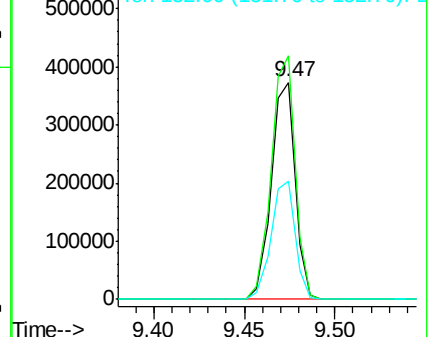
152 54.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.256 ng

RT: 9.42 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

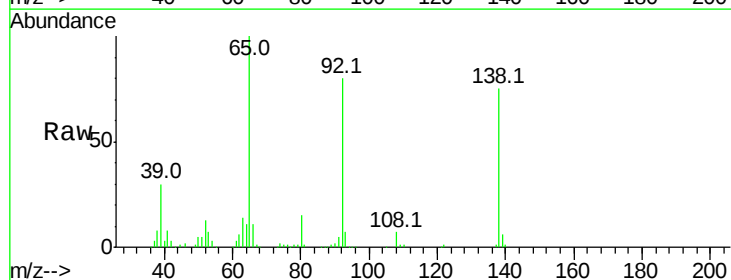
Tgt Ion:138 Resp: 124704

Ion Ratio Lower Upper

138 100

108 9.2 9.1 13.7

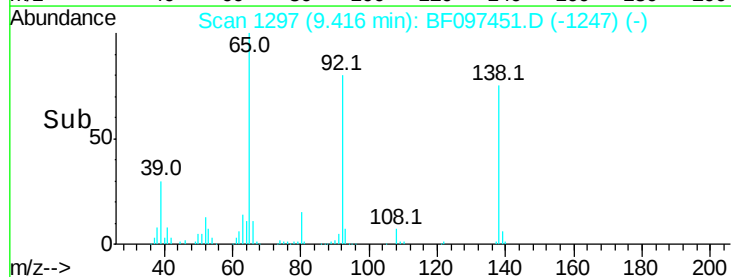
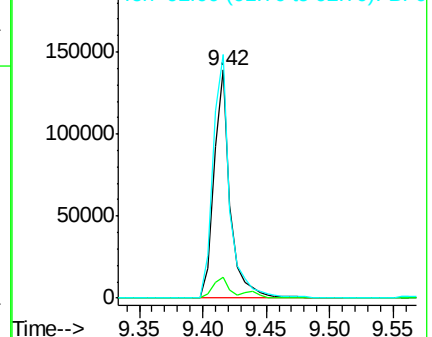
92 106.8 93.8 140.6

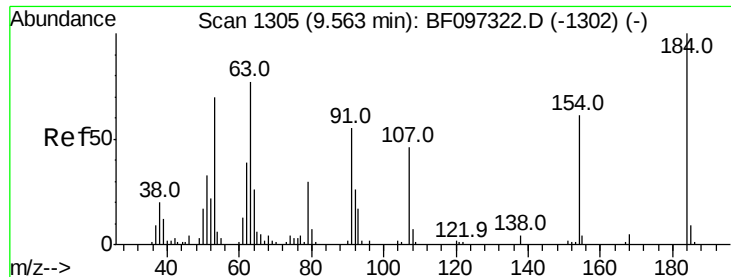


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

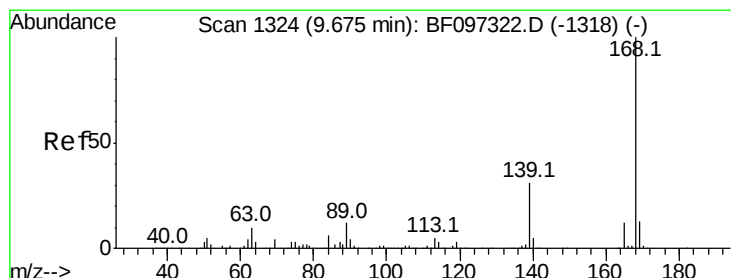
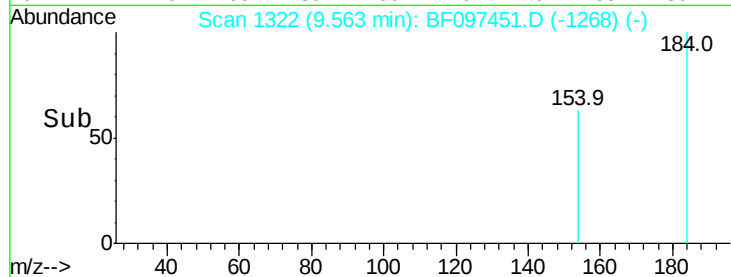
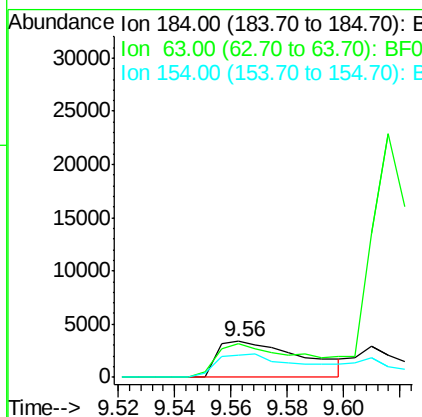
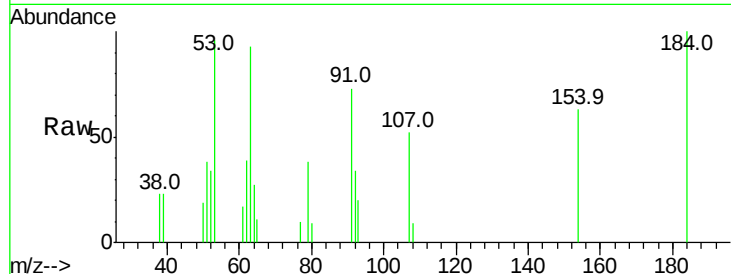




#53
 2,4-Dinitrophenol
 Concen: 6.694 ng
 RT: 9.56 min Scan# 1322
 Delta R.T. 0.02 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

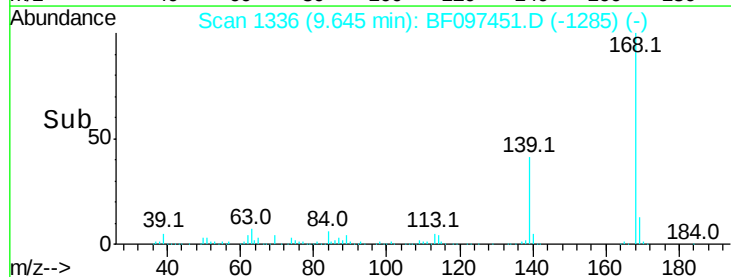
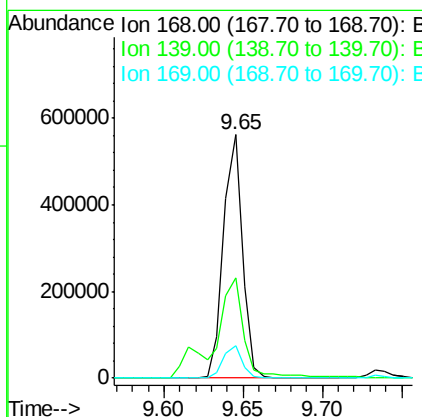
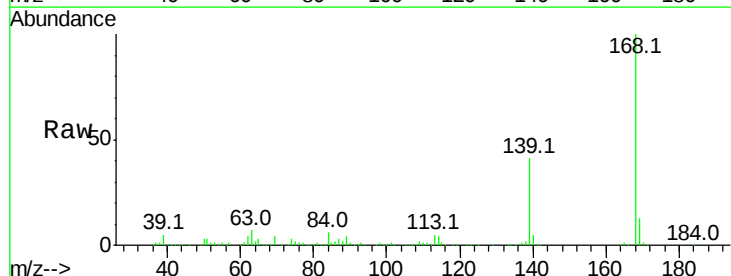
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

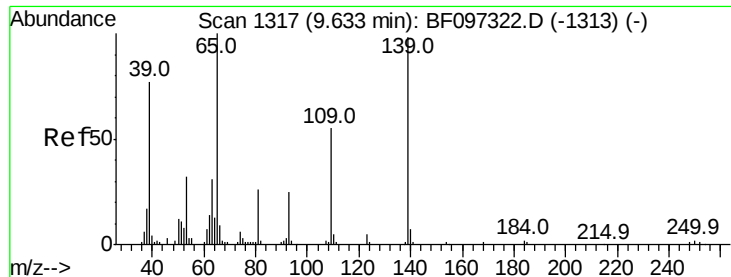
Tot Ion:184 Resp: 7069
 Ion Ratio Lower Upper
 184 100
 63 92.7 62.7 94.1
 154 62.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.808 ng
 RT: 9.65 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion:168 Resp: 467282
 Ion Ratio Lower Upper
 168 100
 139 41.4 30.6 45.8
 169 13.2 10.8 16.2





#55

4-Nitrophenol

Concen: 180.544 ng

RT: 9.65 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

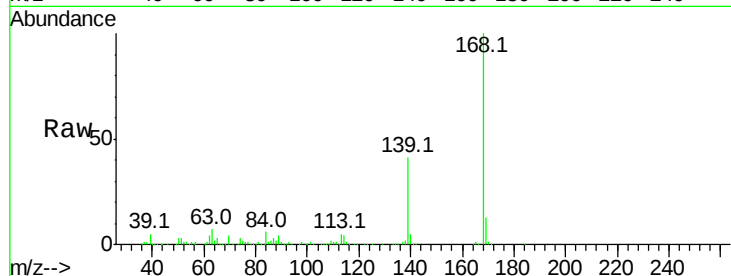
Tot Ion:139 Resp: 309529

Ion Ratio Lower Upper

139 100

109 3.8 34.1 74.1#

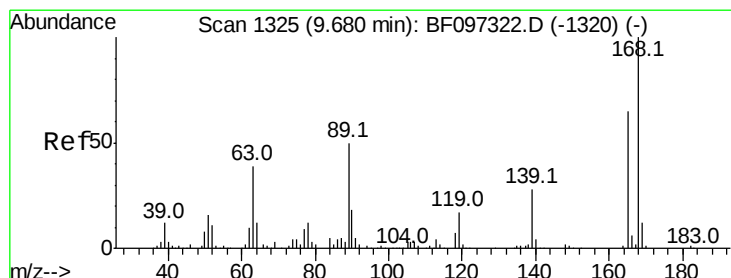
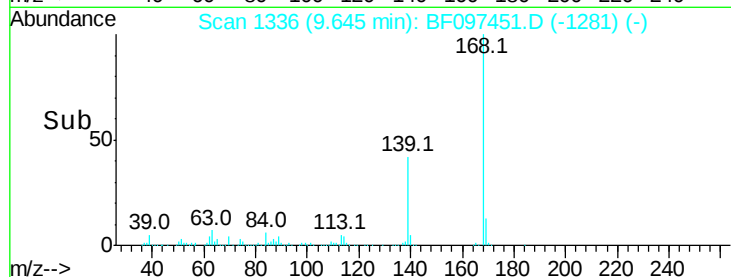
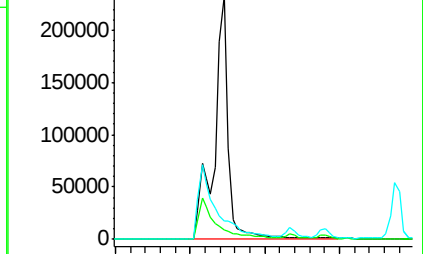
65 7.7 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.656 ng

RT: 9.66 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Tgt Ion:165 Resp: 119233

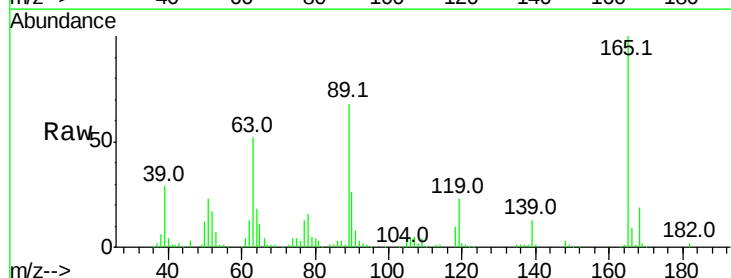
Ion Ratio Lower Upper

165 100

63 52.5 25.4 38.0#

89 68.3 46.4 69.6

182 2.5 1.8 2.6

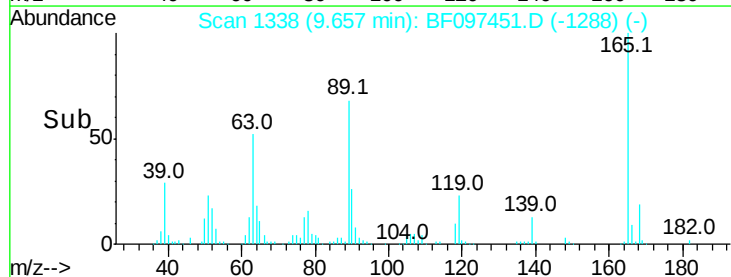
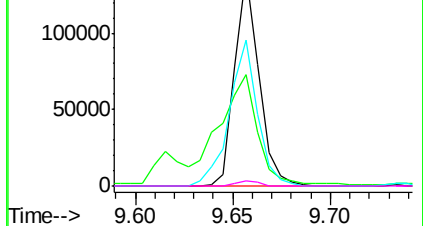


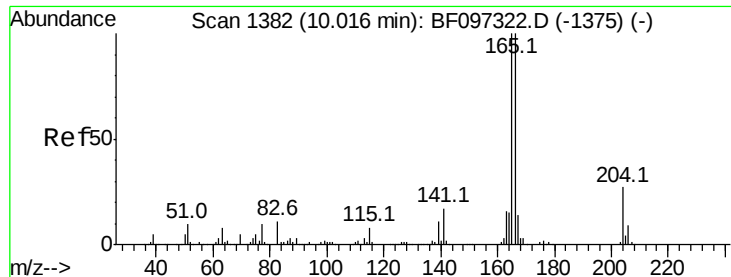
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

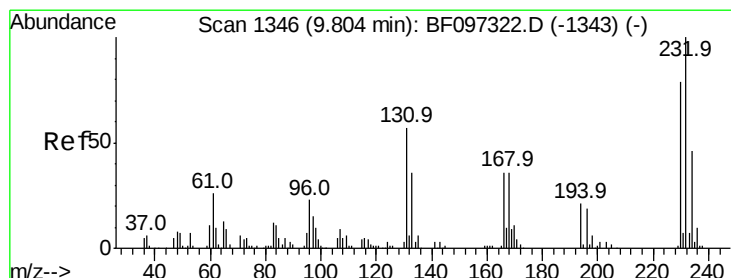
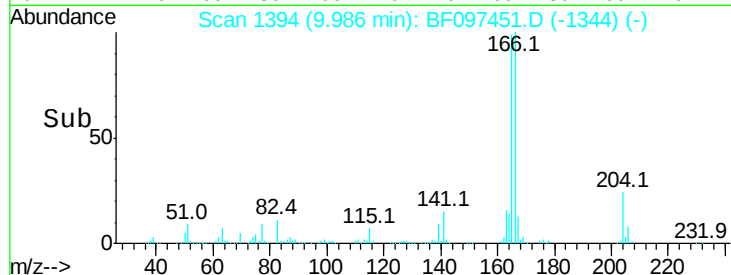
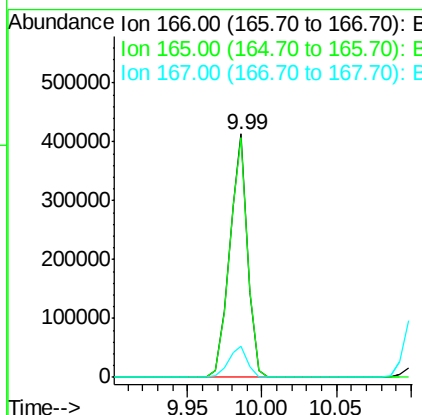
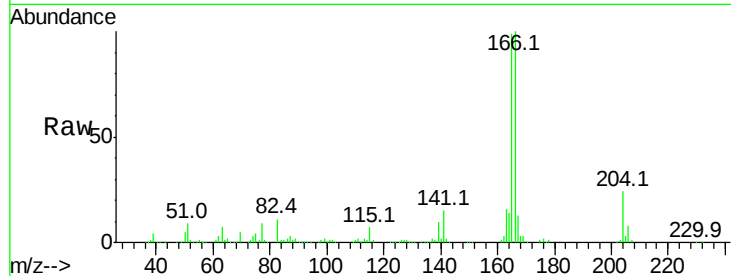




#57
Fluorene
 Concen: 42.611 ng
 RT: 9.99 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

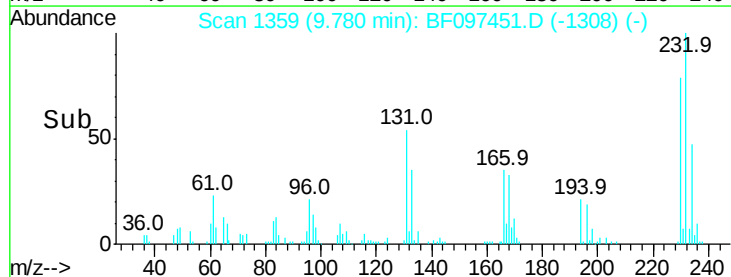
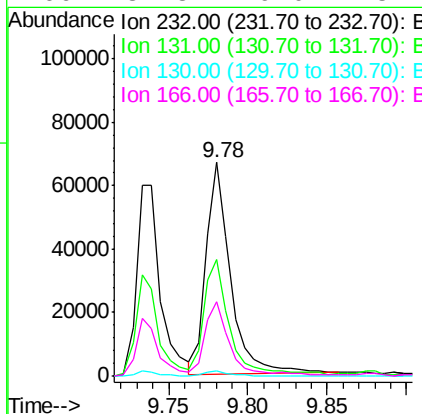
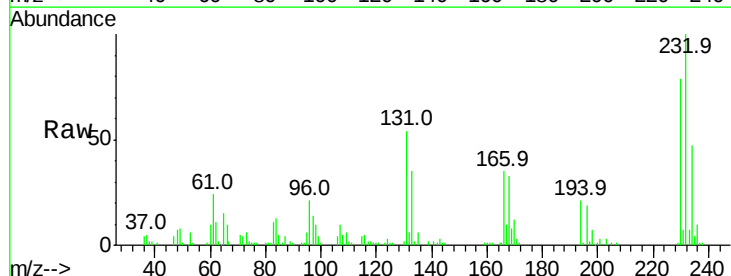
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

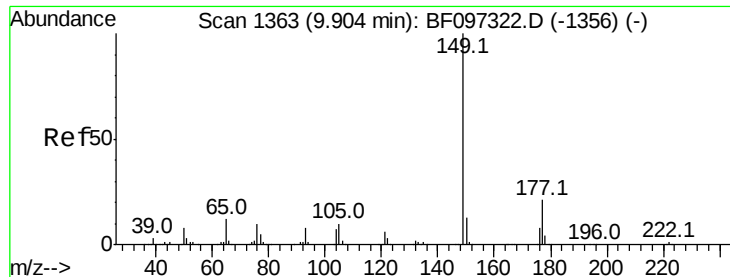
Tot Ion:166 Resp: 349591
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.8 118.2
 167 13.0 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.470 ng
 RT: 9.78 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion:232 Resp: 72207
 Ion Ratio Lower Upper
 232 100
 131 59.0 44.8 67.2
 130 2.5 2.3 3.5
 166 34.8 29.0 43.4

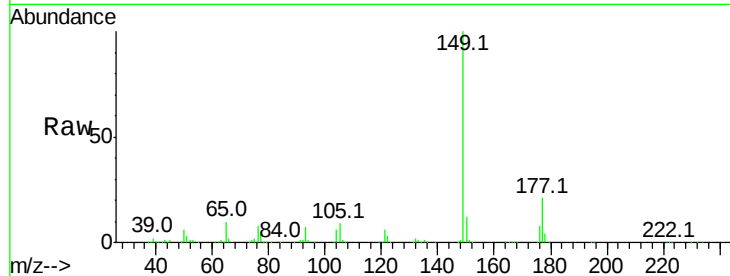




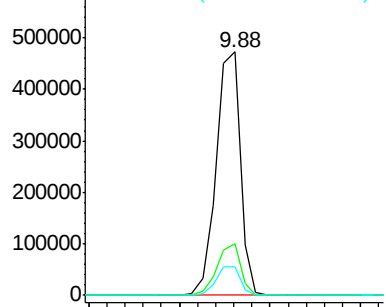
#59
Diethylphthalate
Concen: 43.620 ng
RT: 9.88 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

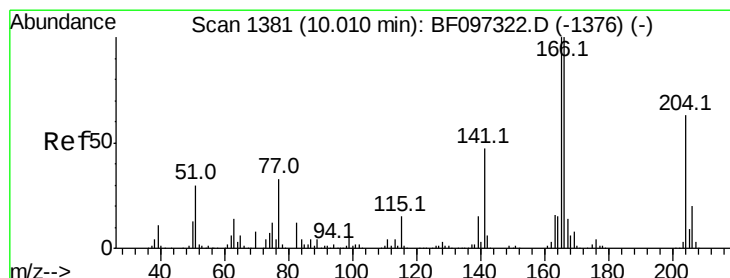
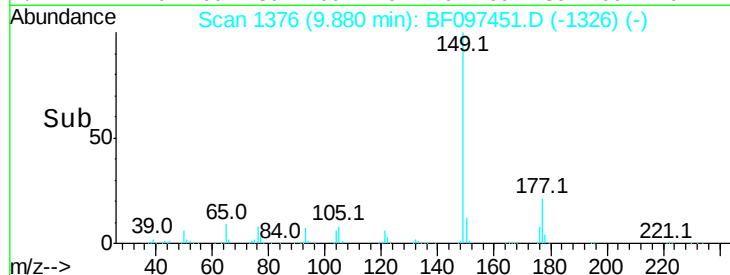
Tot Ion:149 Resp: 438238
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 11.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

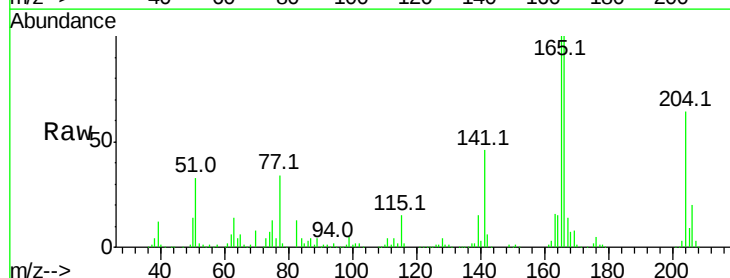


Time--> 9.80 9.85 9.90 9.95

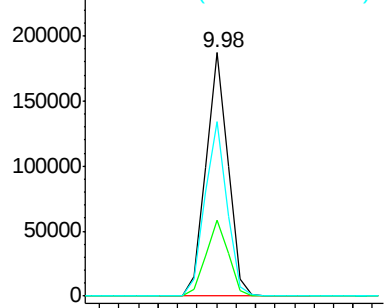


#60
4-Chlorophenyl-phenylether
Concen: 43.368 ng
RT: 9.98 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

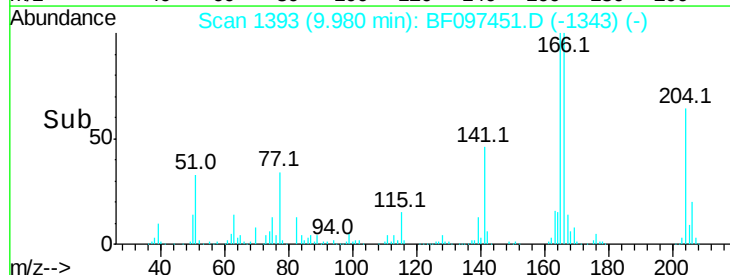
Tgt Ion:204 Resp: 146923
Ion Ratio Lower Upper
204 100
206 31.4 26.2 39.2
141 71.5 60.8 91.2

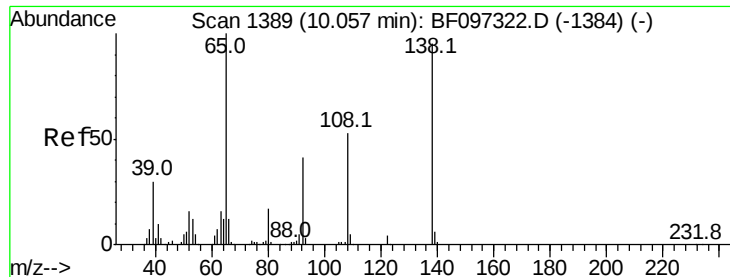


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 9.95 10.00 10.05

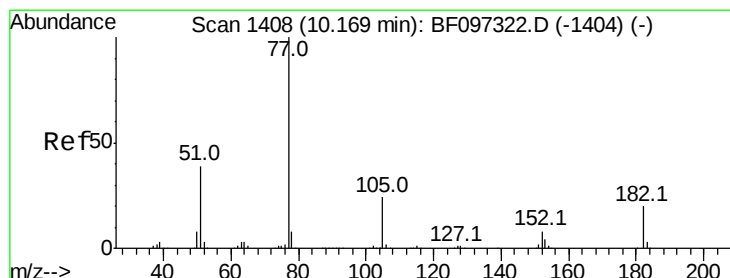
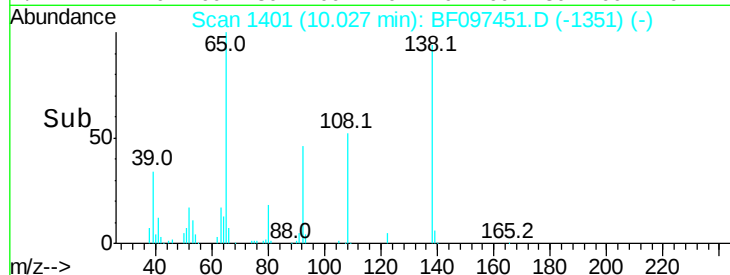
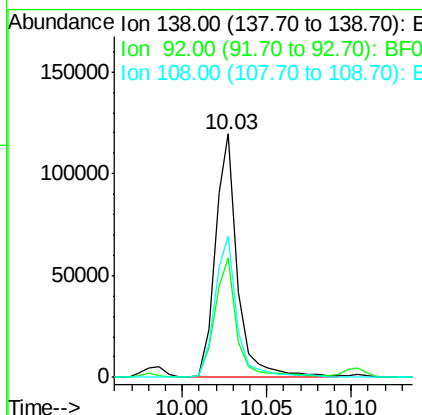
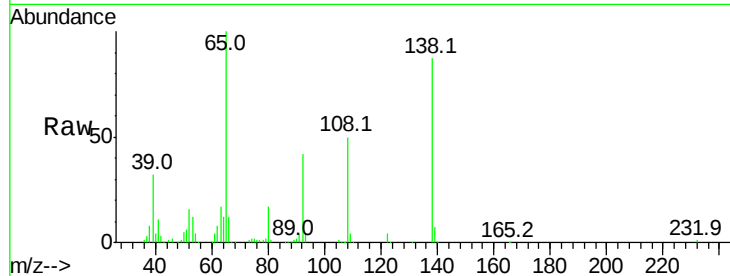




#61
4-Nitroaniline
Concen: 40.037 ng
RT: 10.03 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

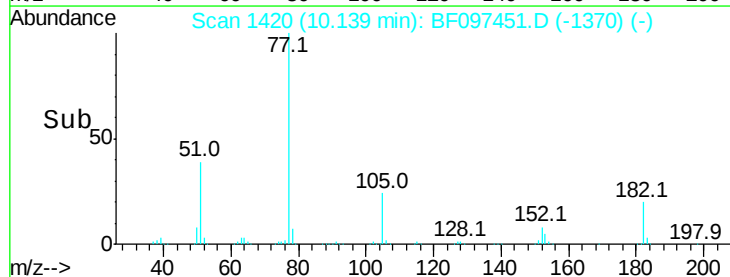
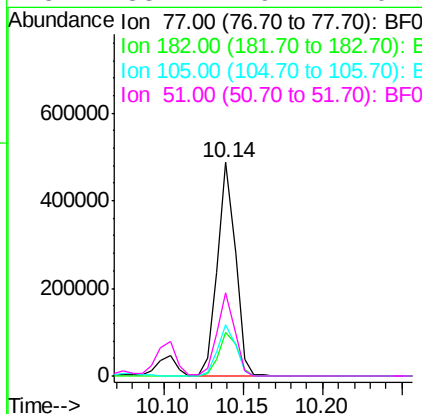
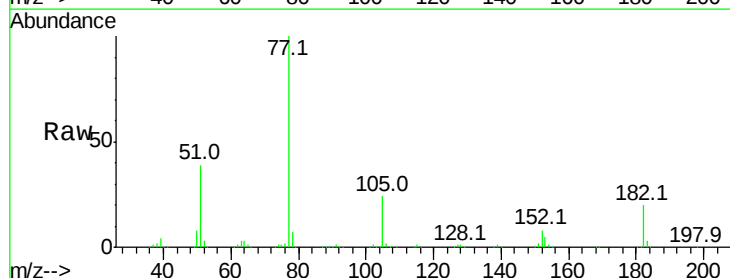
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

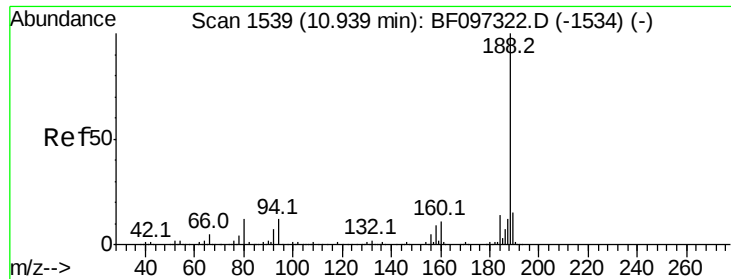
Tot Ion:138 Resp: 109674
Ion Ratio Lower Upper
138 100
92 48.8 21.8 61.8
108 57.9 42.3 82.3



#62
Azobenzene
Concen: 41.320 ng
RT: 10.14 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Tgt Ion: 77 Resp: 385113
Ion Ratio Lower Upper
77 100
182 20.2 0.1 40.1
105 24.1 3.6 43.6
51 38.7 9.4 49.4

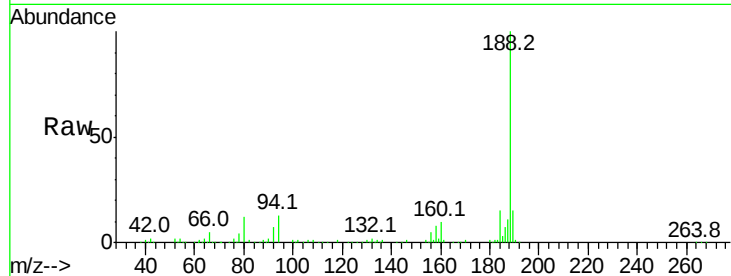




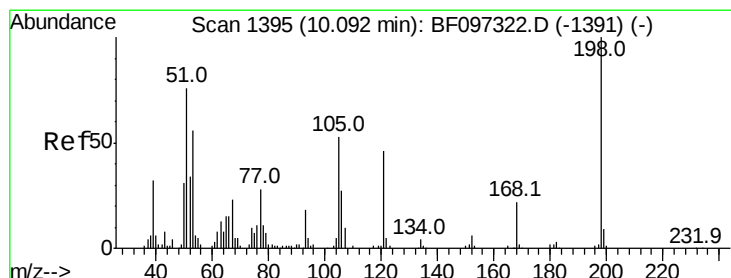
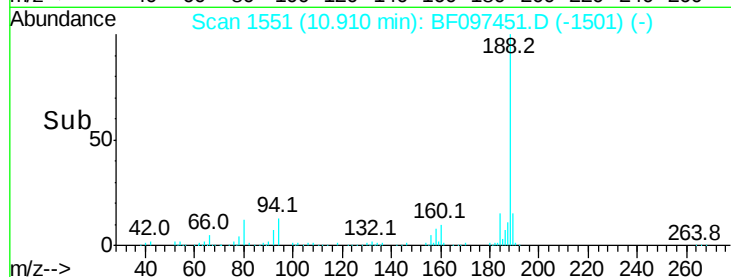
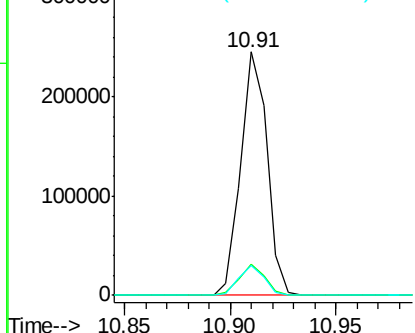
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 211713
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 12.4 10.2 15.2

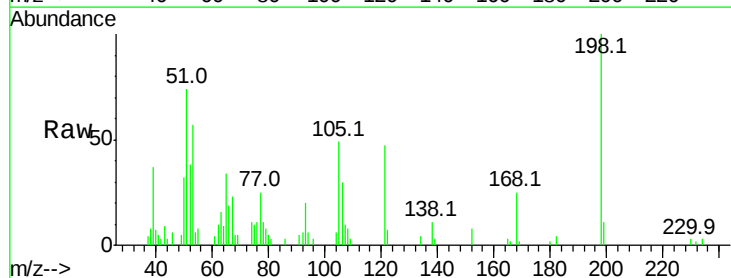


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

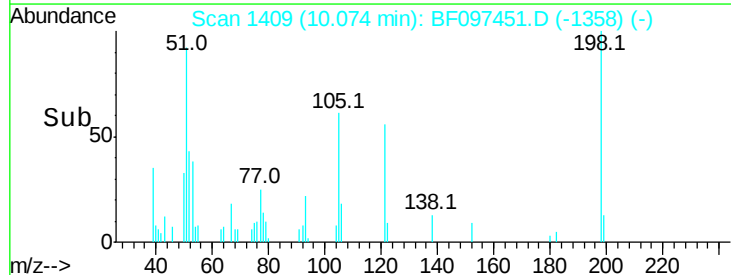
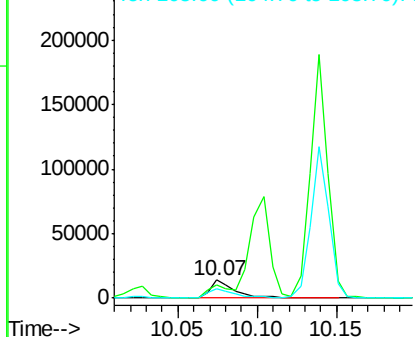


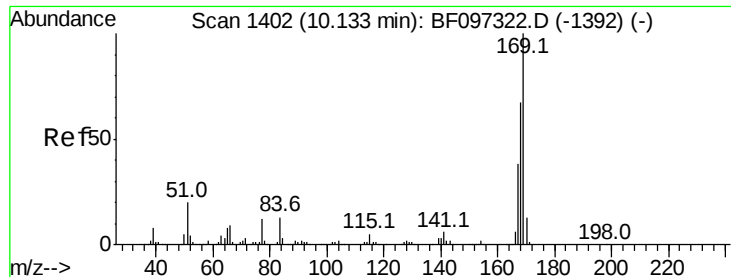
#64
4,6-Dinitro-2-methylphenol
Concen: 11.898 ng
RT: 10.07 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Tgt Ion:198 Resp: 15653
Ion Ratio Lower Upper
198 100
51 73.9 53.2 93.2
105 48.8 45.8 85.8



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

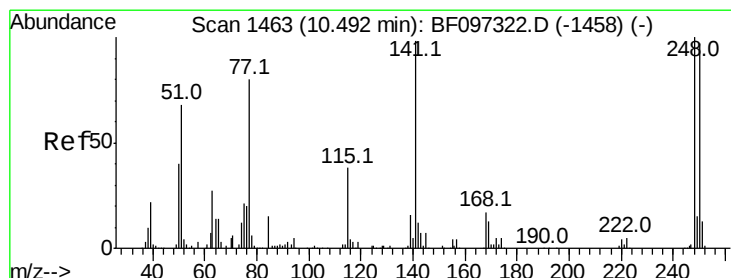
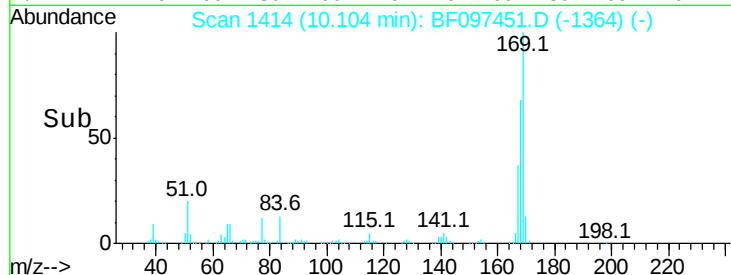
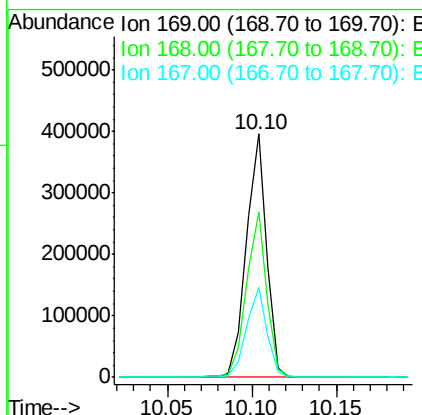
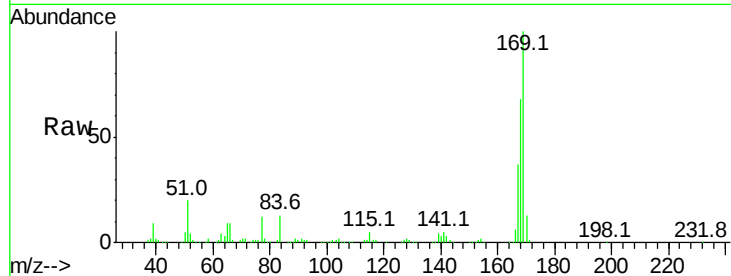




#65
n-Nitrosodiphenylamine
Concen: 44.844 ng
RT: 10.10 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

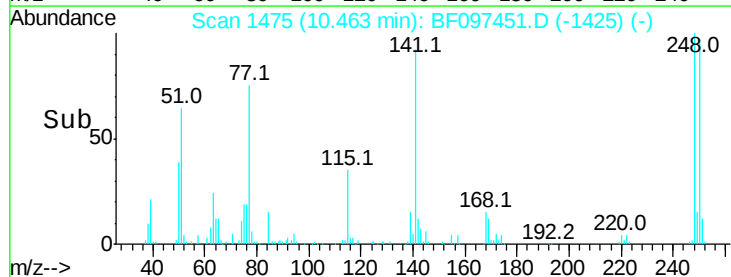
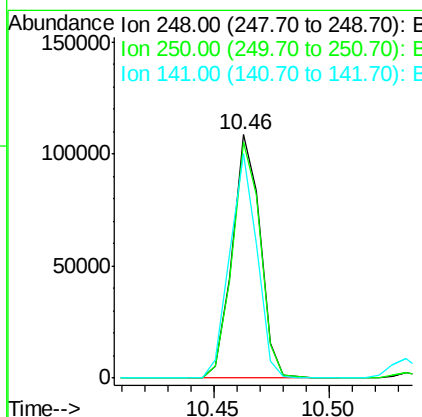
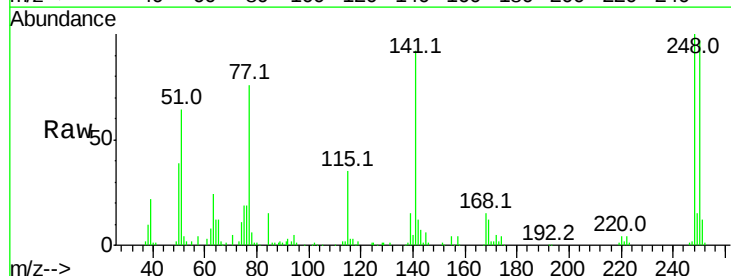
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

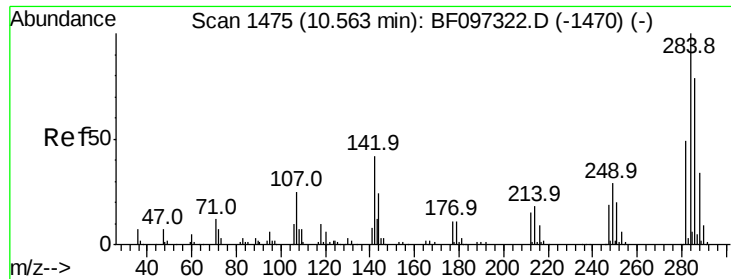
Tot Ion:169 Resp: 330337
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 37.0 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 43.454 ng
RT: 10.46 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Tgt Ion:248 Resp: 91810
Ion Ratio Lower Upper
248 100
250 97.1 76.8 115.2
141 92.2 68.6 103.0





#67

Hexachlorobenzene

Concen: 40.903 ng

RT: 10.53 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

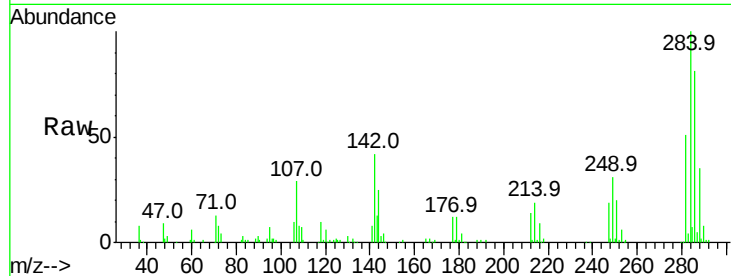
Tot Ion:284 Resp: 96912

Ion Ratio Lower Upper

284 100

142 42.5 22.8 34.2#

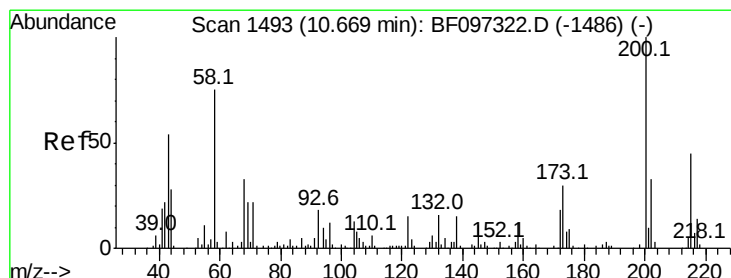
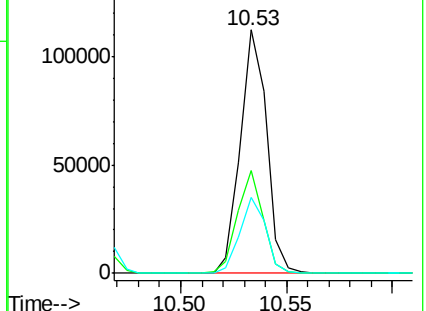
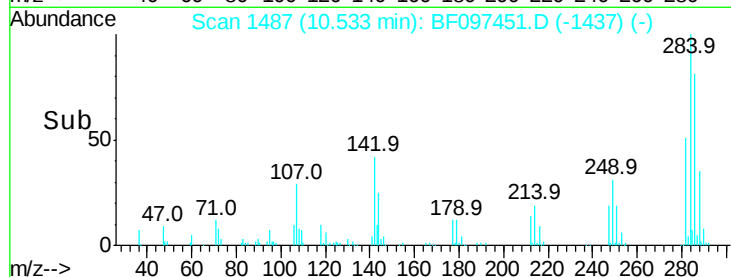
249 31.0 24.0 36.0



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: 37.823 ng

RT: 10.64 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

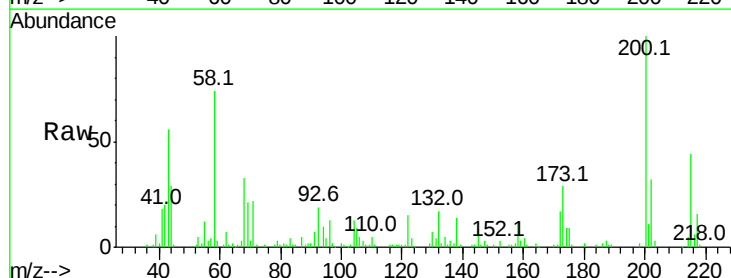
Tgt Ion:200 Resp: 79894

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

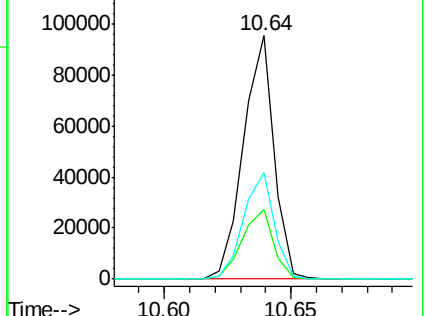
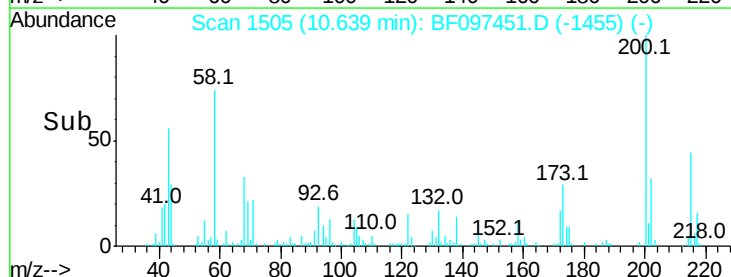
215 43.8 27.2 67.2

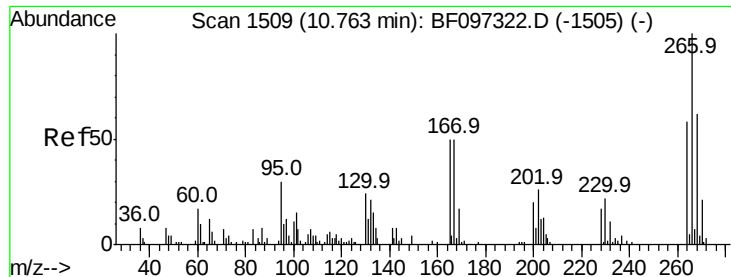


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

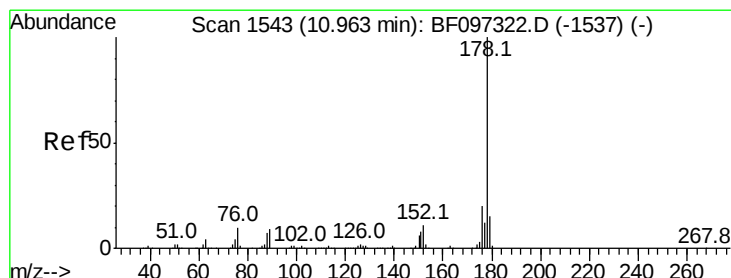
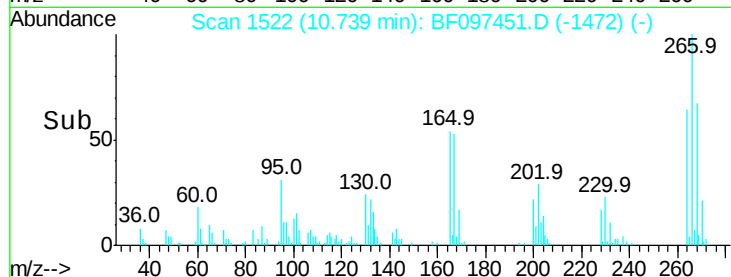
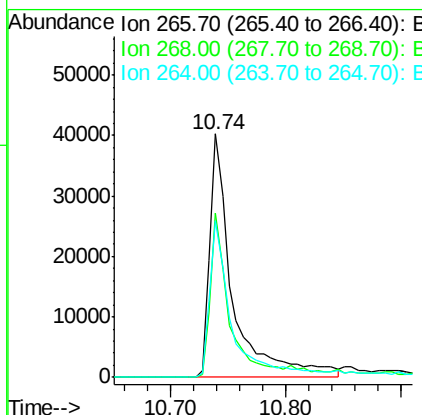
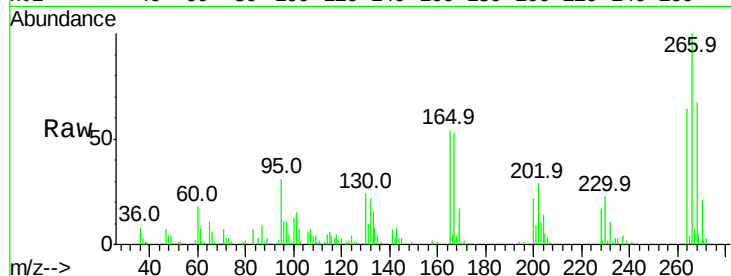




#69
 Pentachlorophenol
 Concen: 57.100 ng
 RT: 10.74 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

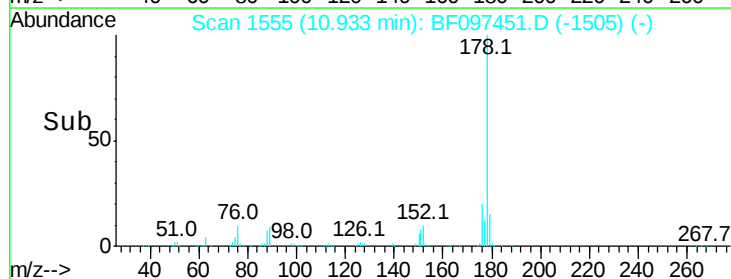
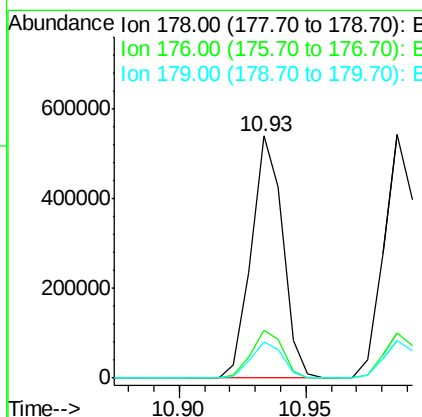
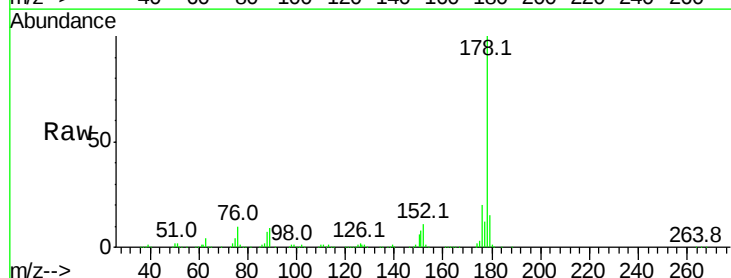
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

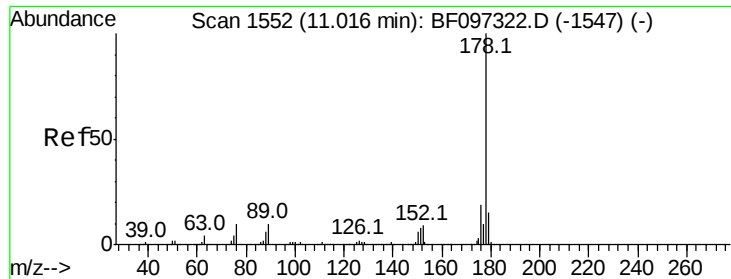
Tot Ion:266 Resp: 55976
 Ion Ratio Lower Upper
 266 100
 268 67.3 51.1 76.7
 264 64.2 51.7 77.5



#70
 Phenanthrene
 Concen: 41.310 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion:178 Resp: 468608
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 14.9 12.6 19.0

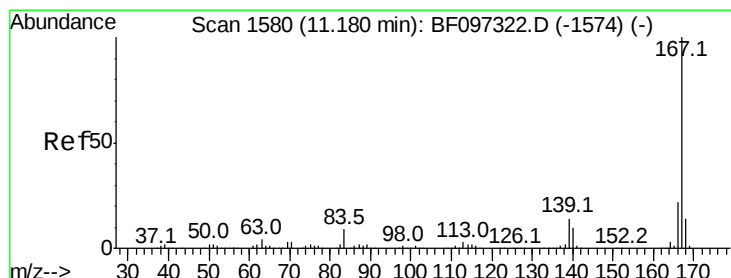
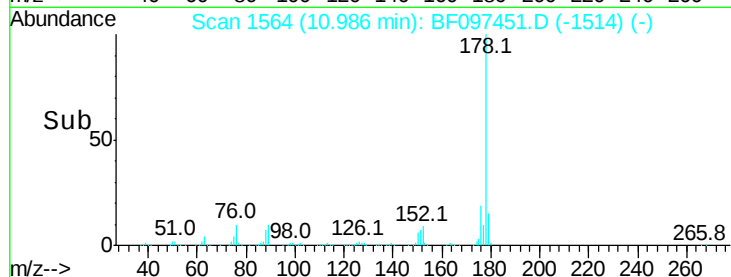
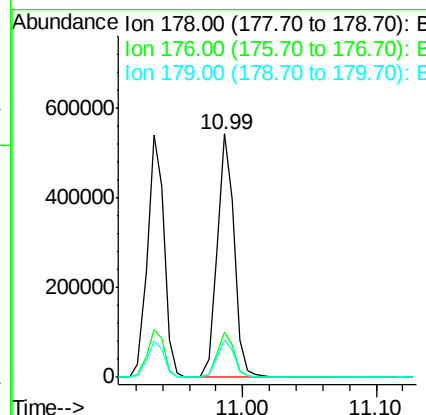
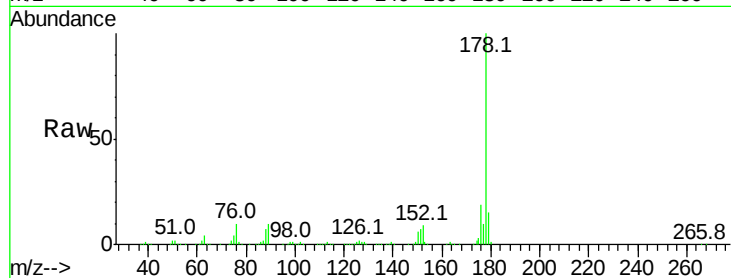




#71
 Anthracene
 Concen: 41.656 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

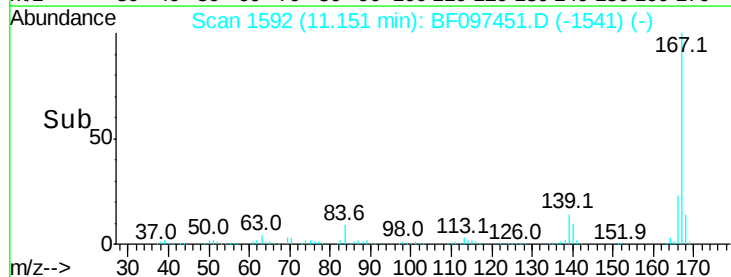
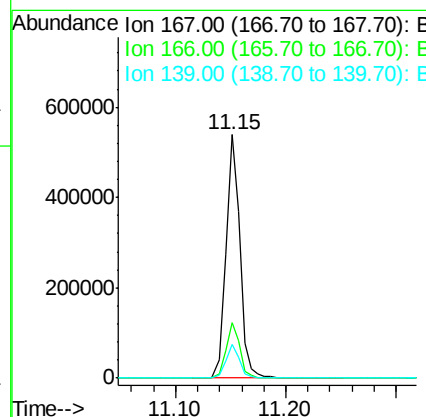
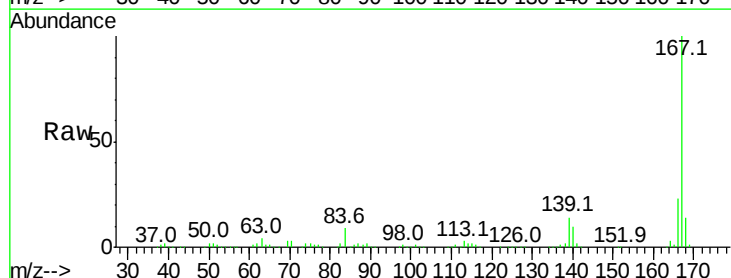
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

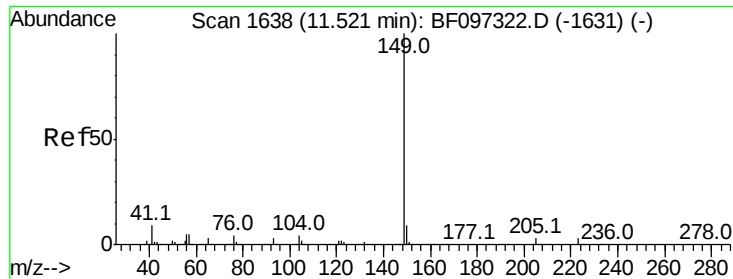
Tot Ion:178 Resp: 483978
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 41.622 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion:167 Resp: 475587
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.1 27.1
 139 13.6 11.7 17.5

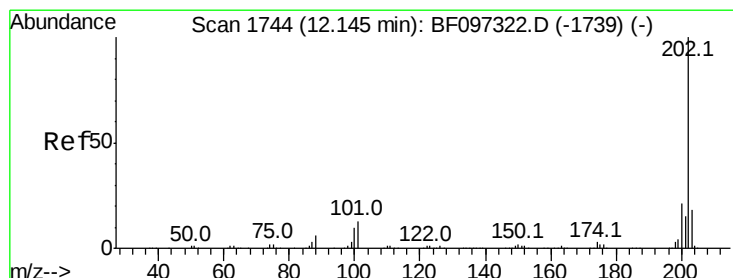
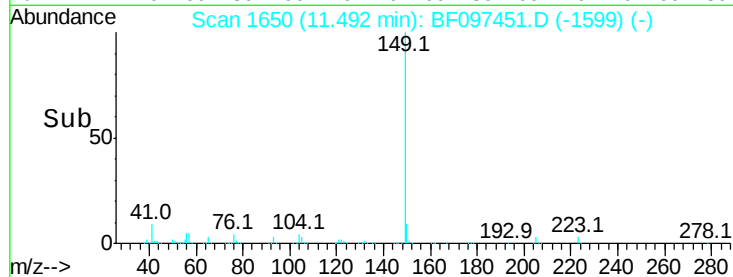
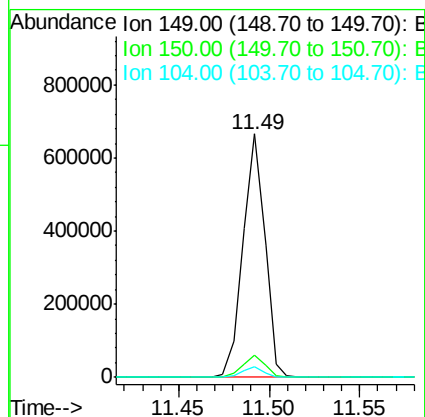
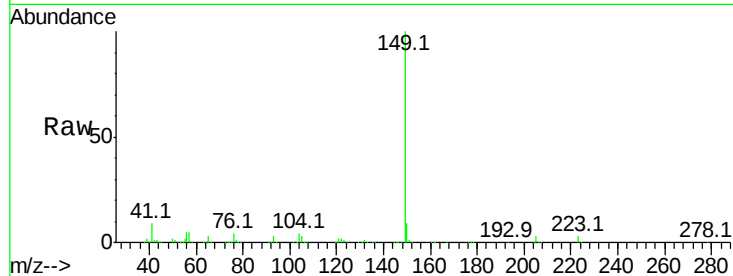




#73
Di-n-butylphthalate
Concen: 39.616 ng
RT: 11.49 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

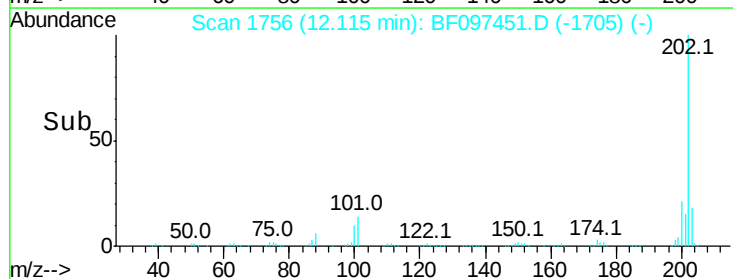
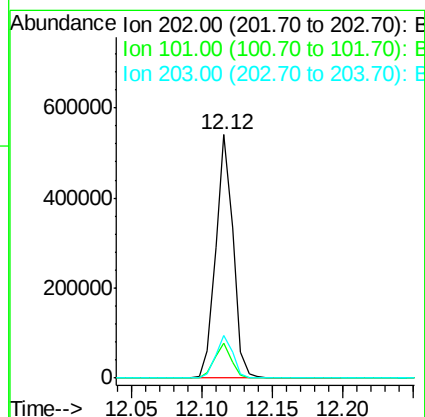
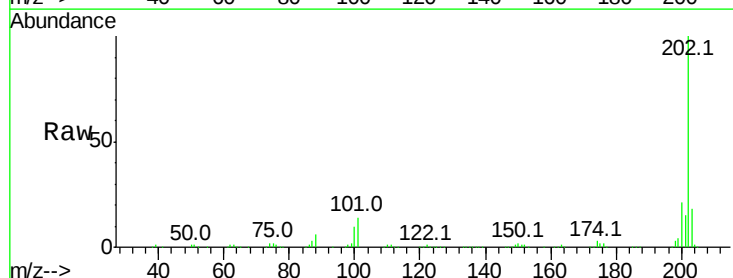
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

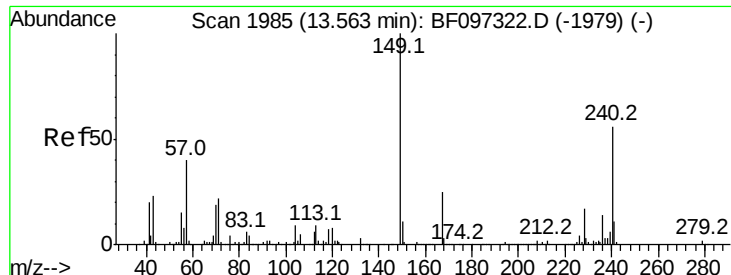
Tot Ion:149 Resp: 559543
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 41.440 ng
RT: 12.12 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Tgt Ion:202 Resp: 460518
Ion Ratio Lower Upper
202 100
101 14.1 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.54 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

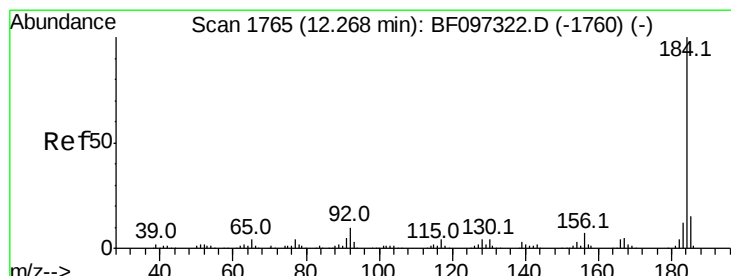
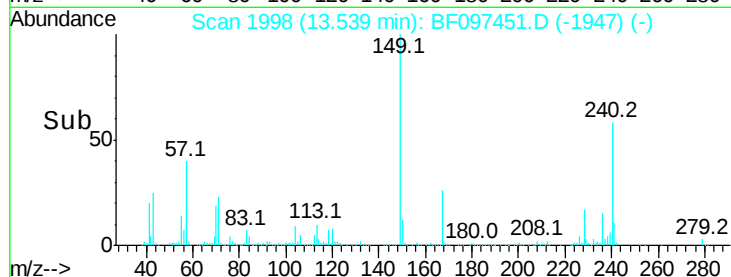
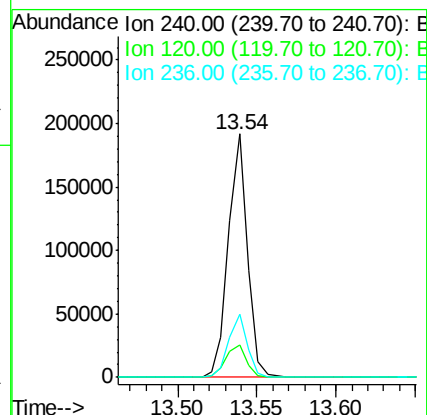
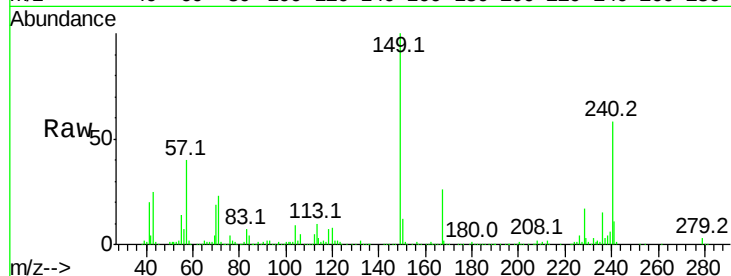
Tot Ion:240 Resp: 159934

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

236 26.1 20.5 30.7



#76

Benzidine

Concen: 37.551 ng

RT: 12.25 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

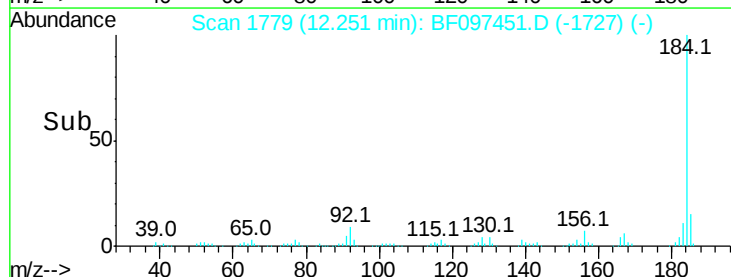
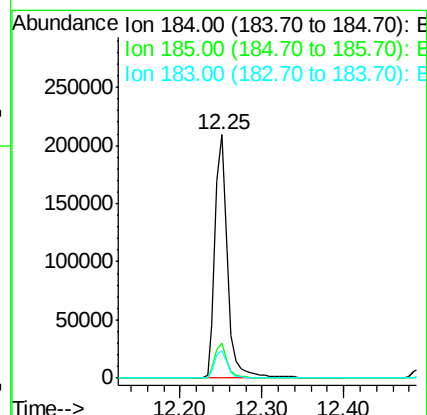
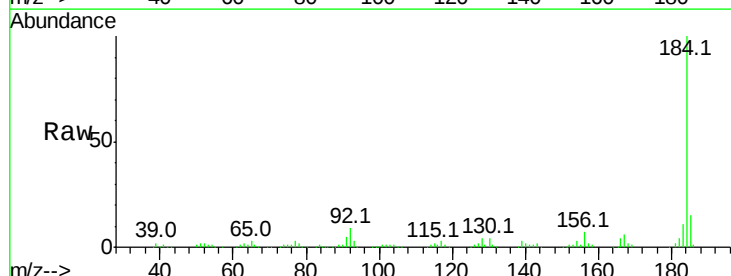
Tgt Ion:184 Resp: 222840

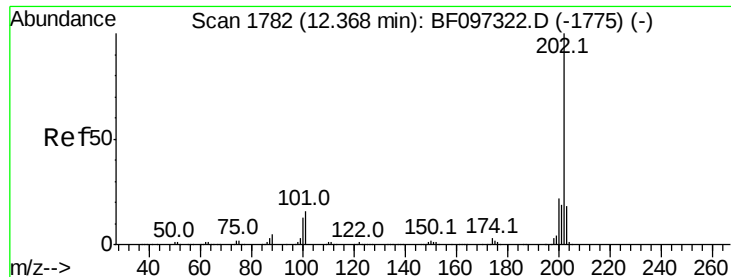
Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

183 11.3 9.8 14.6

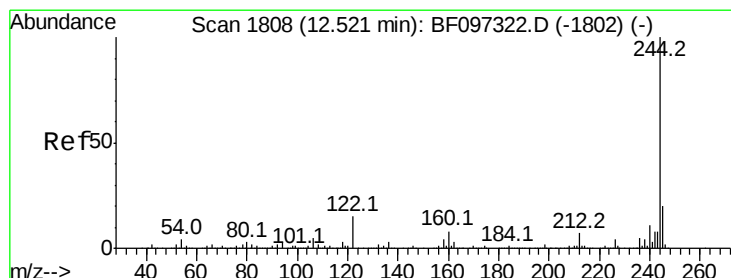
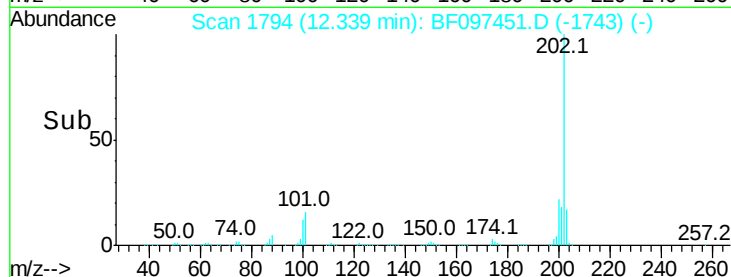
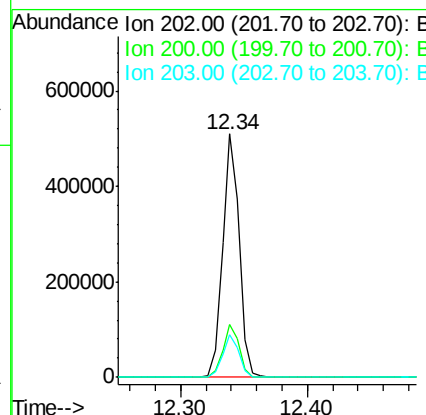
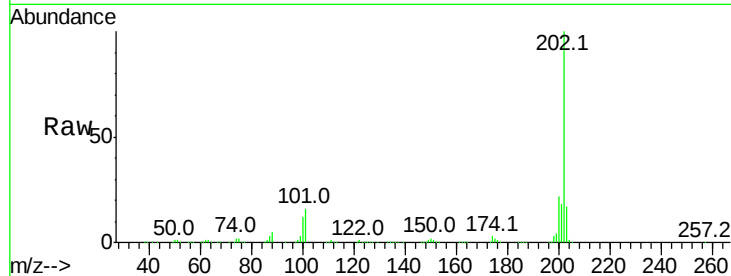




#77
Pvrene
Concen: 35.724 ng
RT: 12.34 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

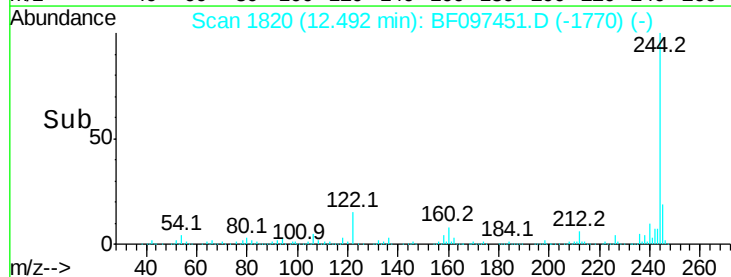
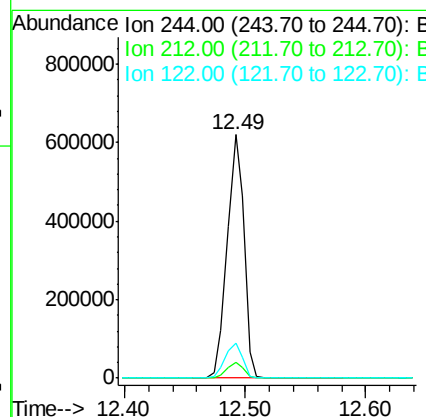
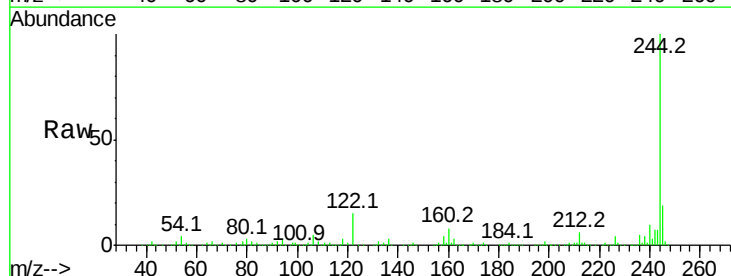
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

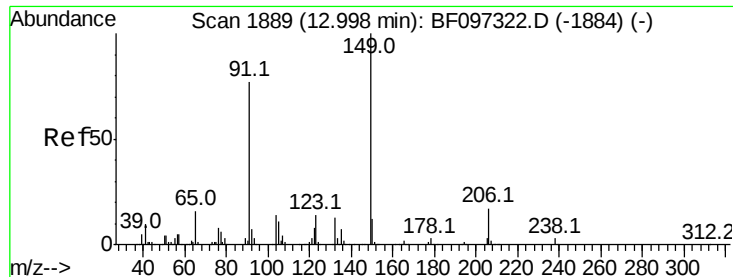
Tot Ion:202 Resp: 467749
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 75.960 ng
RT: 12.49 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF097451.D
Acq: 8 Aug 2017 2:17

Tgt Ion:244 Resp: 595853
Ion Ratio Lower Upper
244 100
212 6.4 6.0 9.0
122 14.6 10.3 15.5

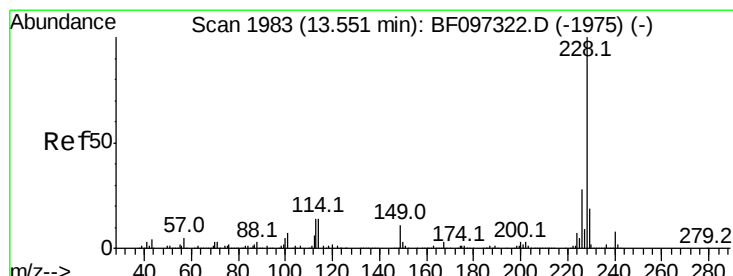
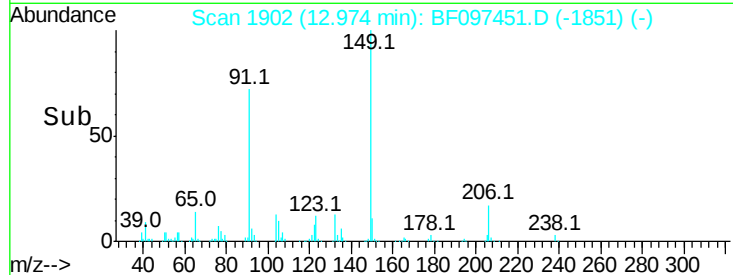
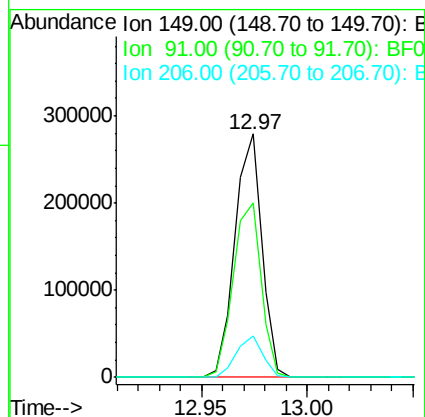
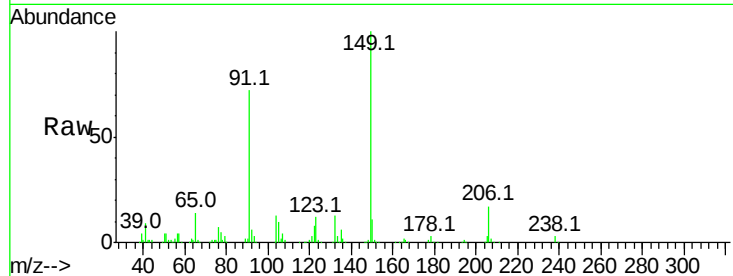




#79
 Butylbenzylphthalate
 Concen: 36.884 ng
 RT: 12.97 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

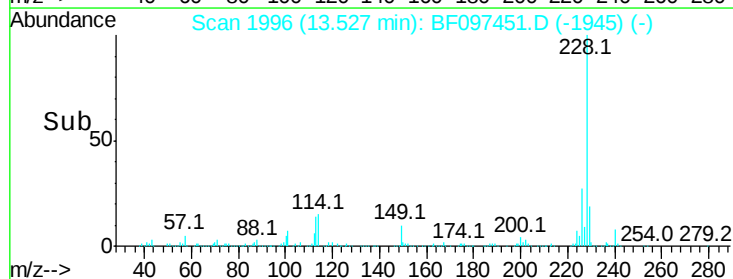
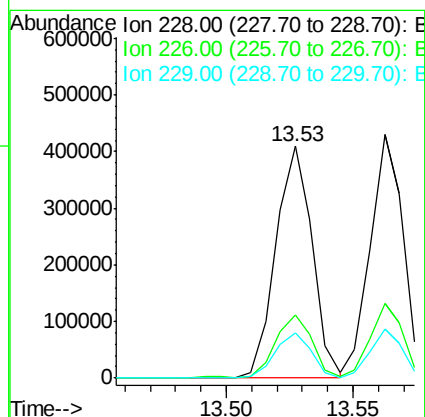
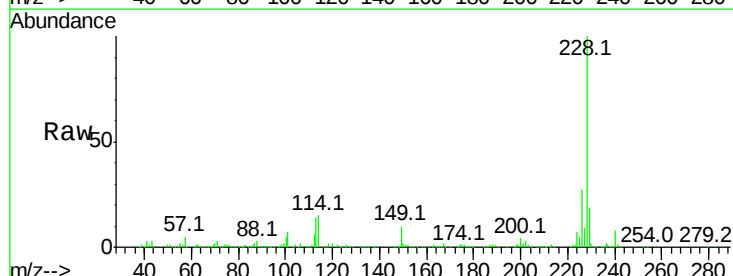
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

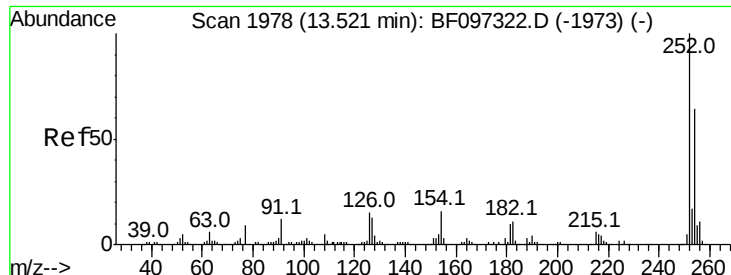
Tot Ion:	149	Resp:	245655
Ion Ratio	Lower	Upper	
149	100		
91	71.9	45.0	67.4#
206	17.2	17.0	25.6



#80
 Benzo(a)anthracene
 Concen: 39.757 ng
 RT: 13.53 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion:	228	Resp:	411425
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	19.2	16.3	24.5

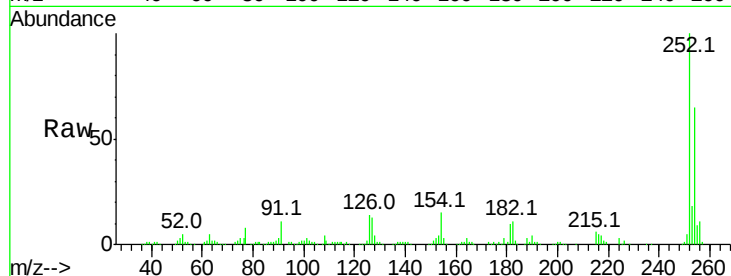




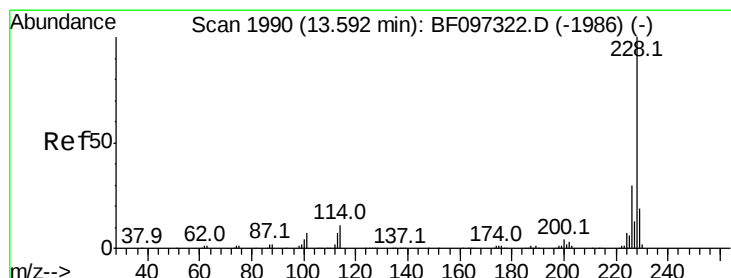
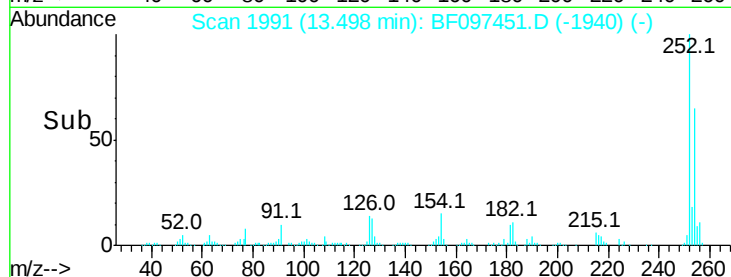
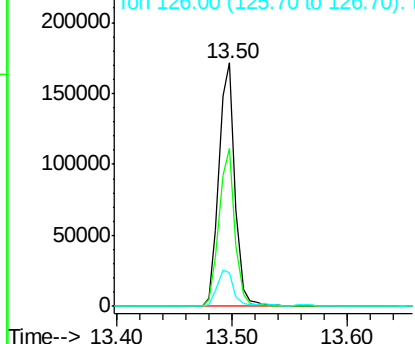
#81
 3,3'-Dichlorobenzidine
 Concen: 42.837 ng
 RT: 13.50 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 167170
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.5 77.3
 126 13.9 15.8 23.8#

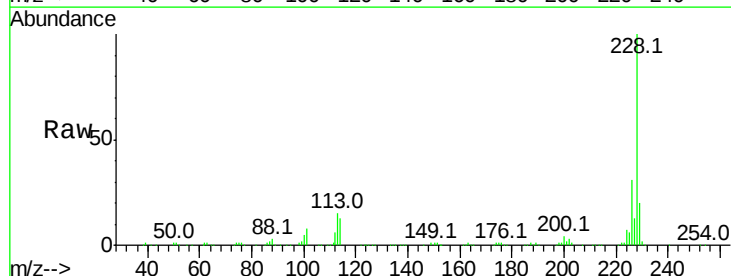


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

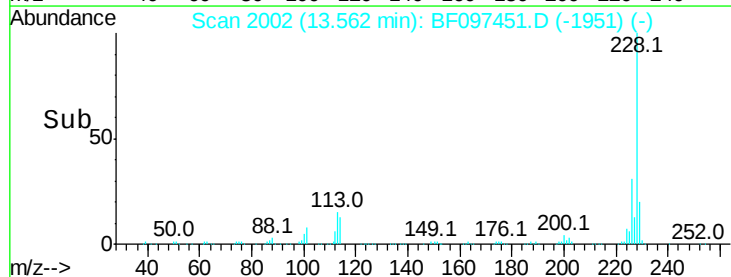
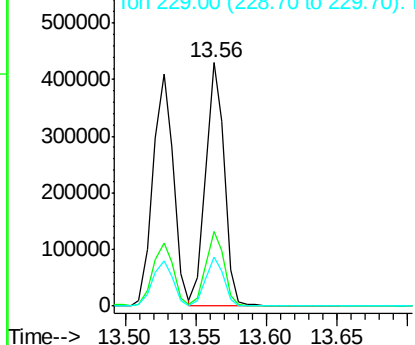


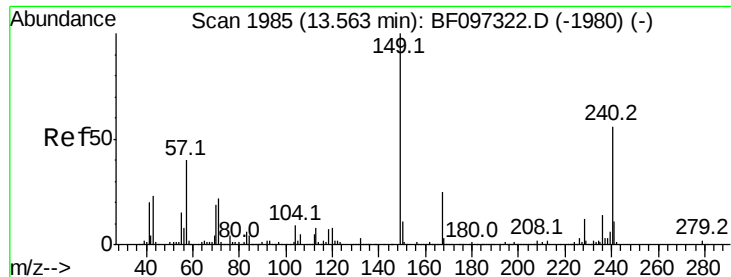
#82
 Chrysene
 Concen: 38.844 ng
 RT: 13.56 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion:228 Resp: 392513
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.794 ng

RT: 13.54 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

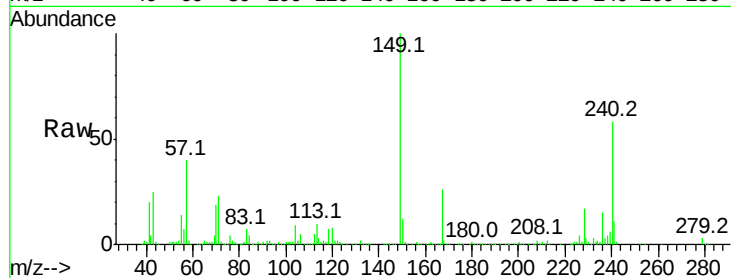
Tot Ion:149 Resp: 311266

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

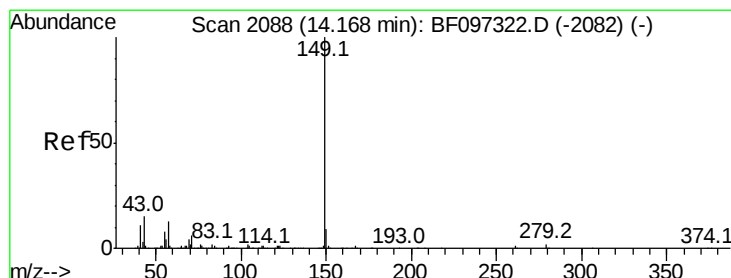
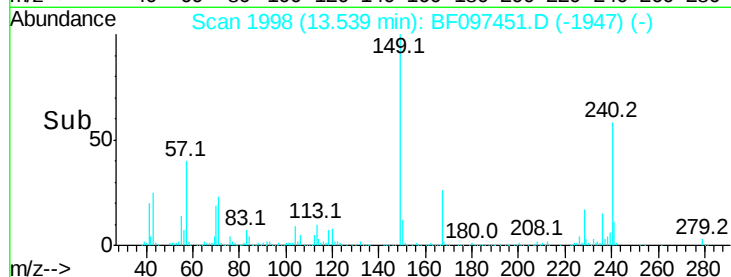
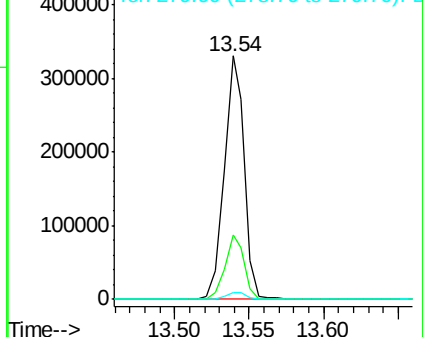
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.126 ng

RT: 14.14 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

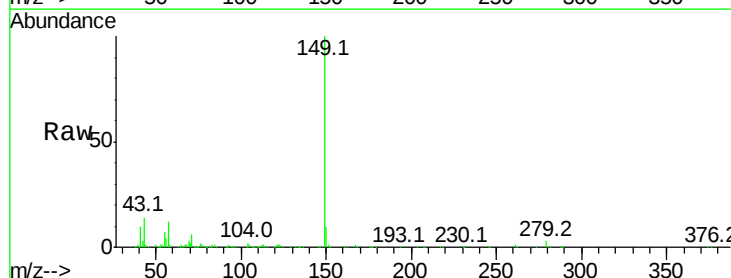
Tgt Ion:149 Resp: 592467

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

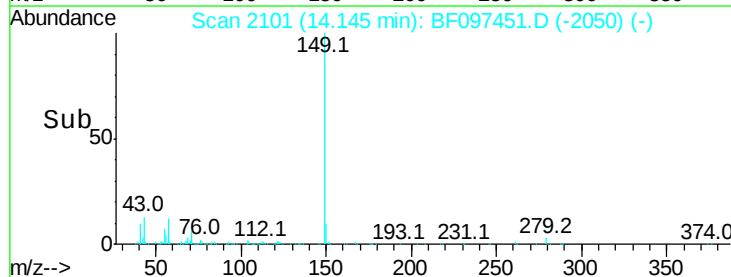
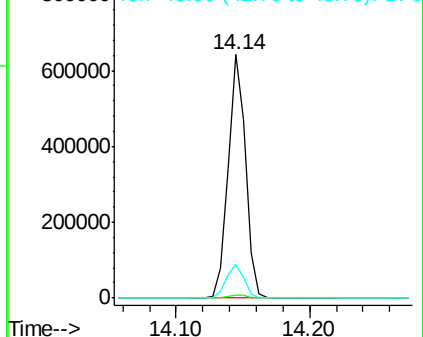
43 14.2 8.5 12.7#

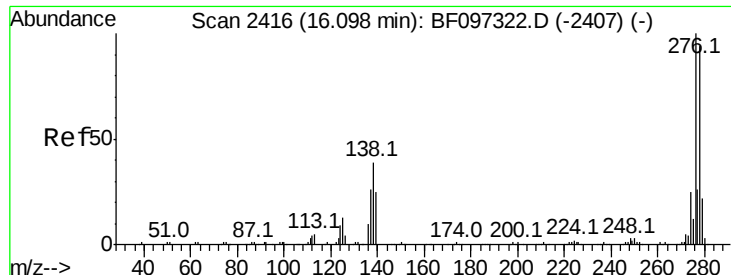


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

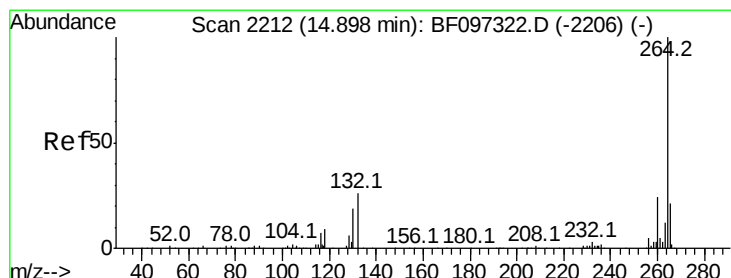
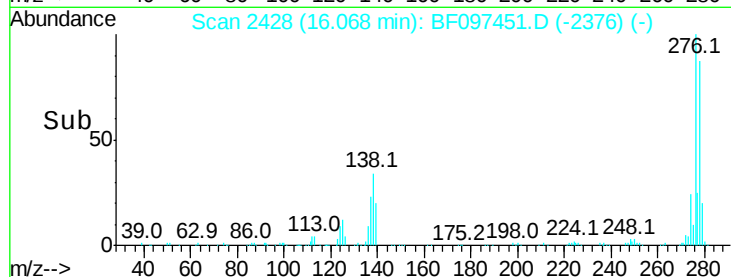
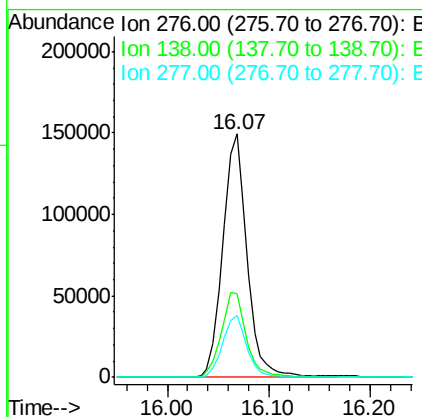
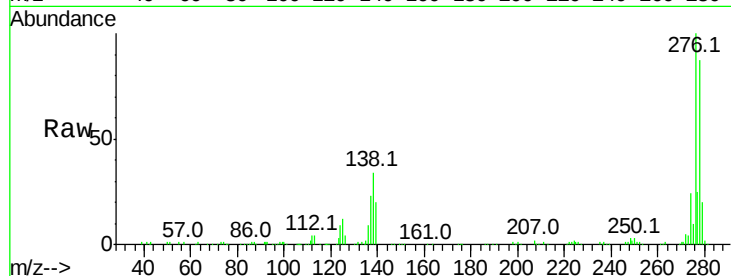




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.741 ng
 RT: 16.07 min Scan# 2428
 Delta R.T. 0.01 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

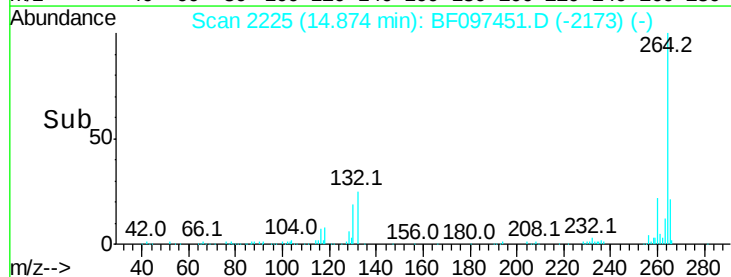
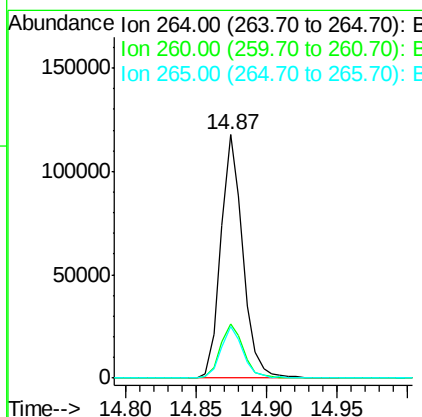
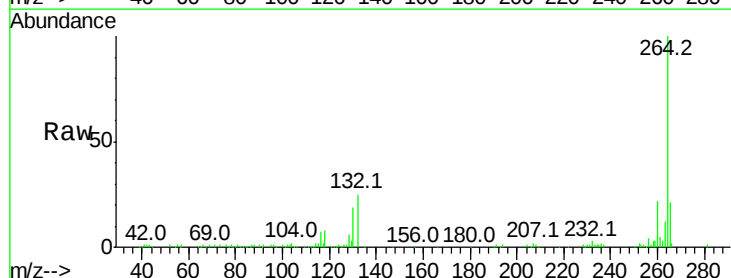
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

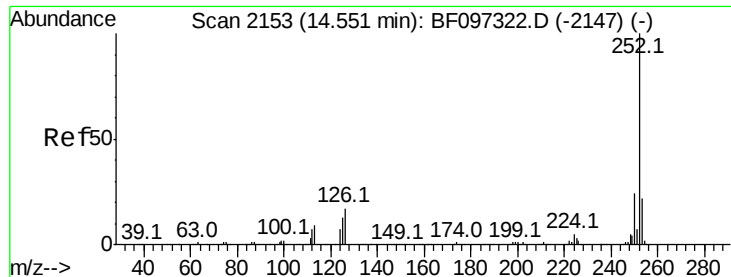
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: BF097451.D
 Acq: 8 Aug 2017 2:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.904 ng

RT: 14.53 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

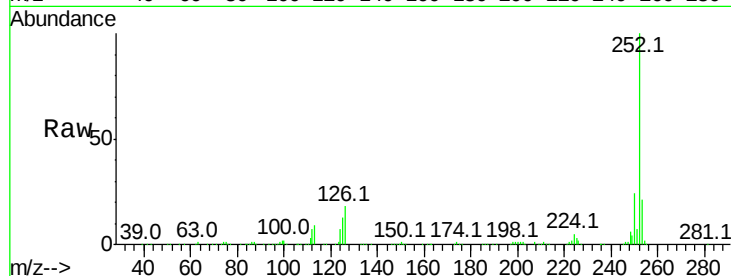
Tot Ion:252 Resp: 329363

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

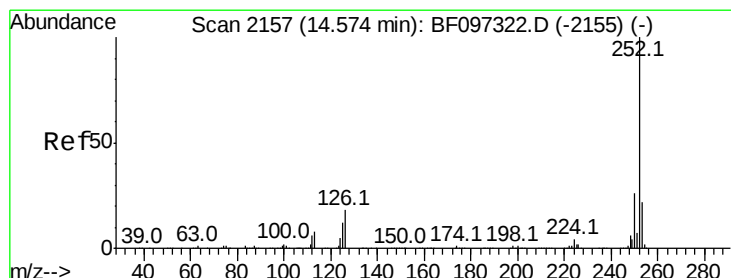
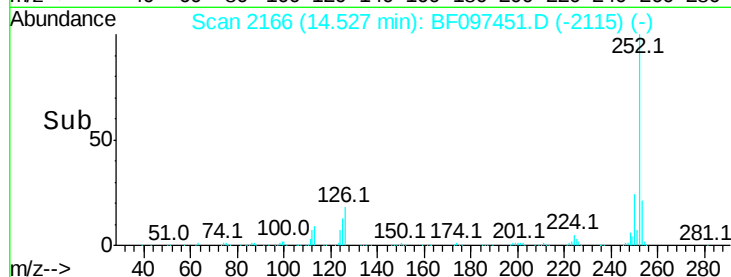
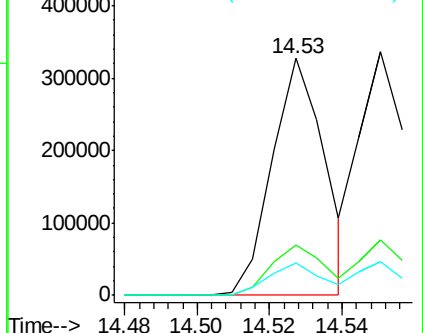
125 13.4 9.8 14.8



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: 42.440 ng

RT: 14.55 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

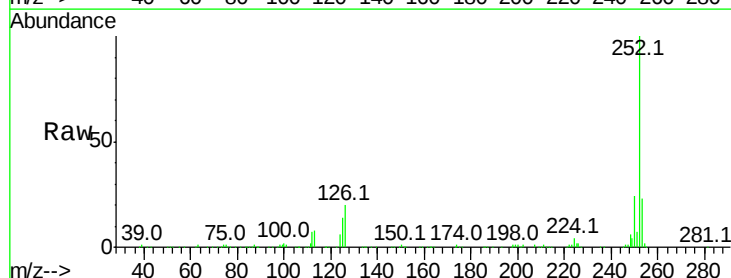
Tgt Ion:252 Resp: 310464

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

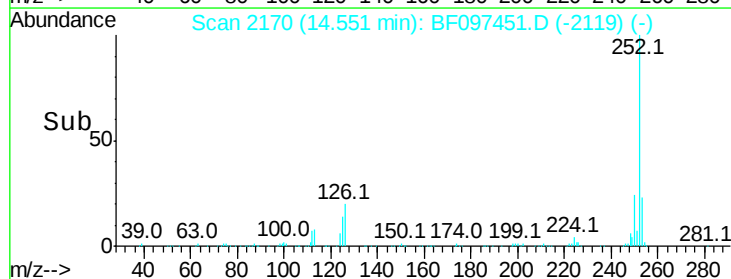
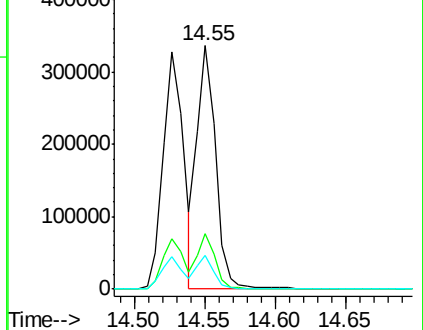
125 13.6 13.1 19.7

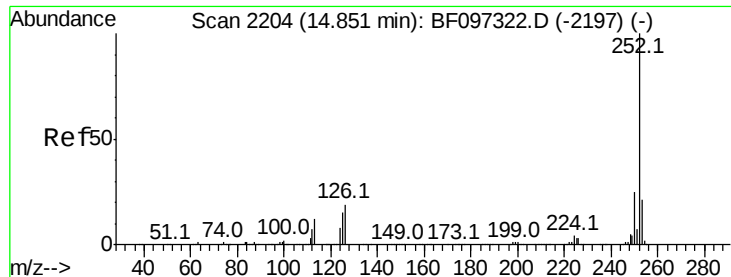


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.289 ng

RT: 14.83 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

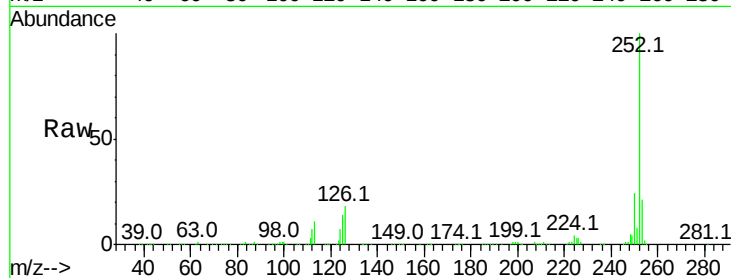
Tot Ion:252 Resp: 283073

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

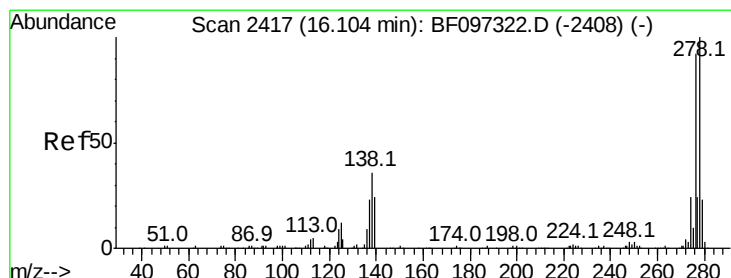
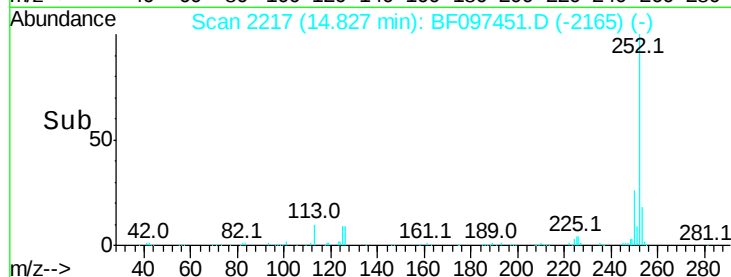
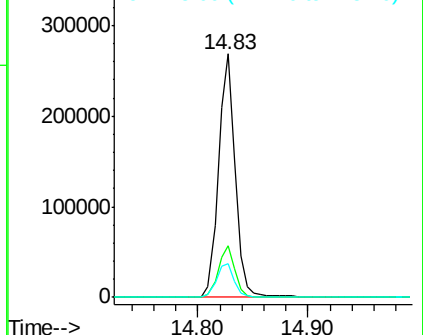
125 14.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.179 ng

RT: 16.07 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

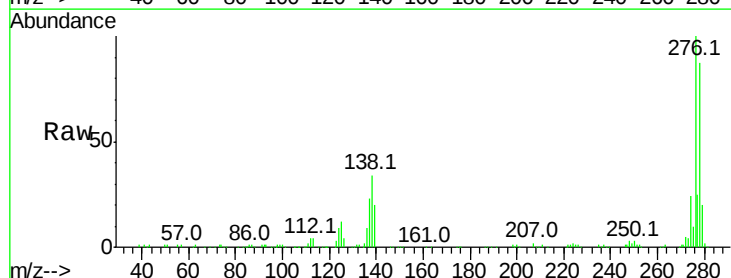
Tgt Ion:278 Resp: 208453

Ion Ratio Lower Upper

278 100

139 22.7 16.6 24.8

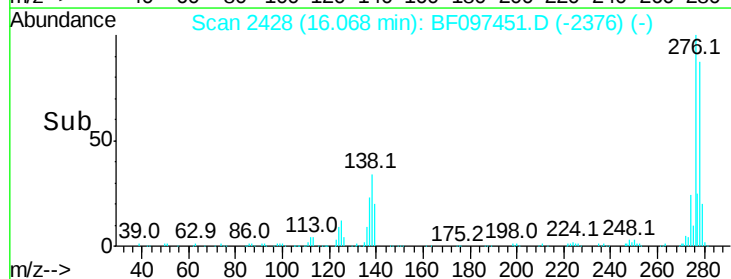
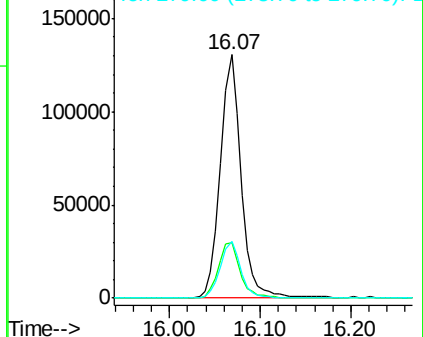
279 23.3 19.3 28.9

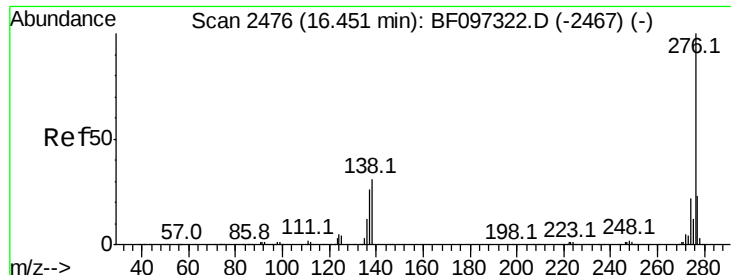


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.851 ng

RT: 16.42 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF097451.D

Acq: 8 Aug 2017 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

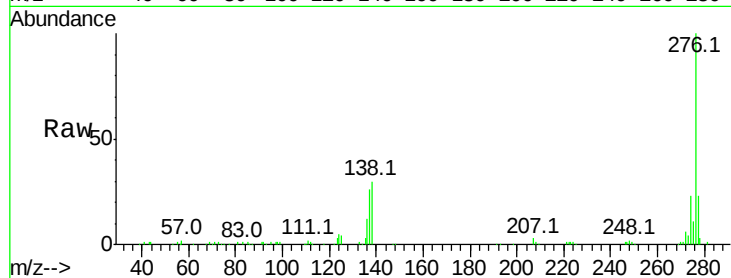
Tot Ion:276 Resp: 210572

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 30.4 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

