

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098134.D
 Acq On : 30 Aug 2017 2:37
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 30 07:45:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	144331	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	544616	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	217644	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	342343	20.00	ng	0.00
75) Chrysene-d12	13.89	240	291570	20.00	ng	0.00
86) Perylene-d12	15.31	264	234546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	751506	79.20	ng	-0.01
7) Phenol-d6	6.38	99	1024934	79.50	ng	0.00
23) Nitrobenzene-d5	7.31	82	894695	89.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	137327	72.72	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1227834	82.88	ng	-0.01
78) Terphenyl-d14	12.84	244	923231	66.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	205561	38.845	ng	87
3) Pyridine	3.09	79	570025	38.965	ng	86
4) n-Nitrosodimethylamine	3.06	42	206944	36.764	ng	# 70
6) Aniline	6.40	93	678771	37.478	ng	97
8) 2-Chlorophenol	6.52	128	405572	40.529	ng	96
9) Benzaldehyde	6.29	77	301861	36.965	ng	90
10) Phenol	6.39	94	576572	38.238	ng	89
11) bis(2-Chloroethyl)ether	6.48	93	453015	39.806	ng	94
12) 1,3-Dichlorobenzene	6.67	146	430527	39.997	ng	# 93
13) 1,4-Dichlorobenzene	6.76	146	433826	39.628	ng	96
14) 1,2-Dichlorobenzene	6.91	146	393166	38.950	ng	98
15) Benzyl Alcohol	6.89	79	352757	36.546	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	579491	37.845	ng	90
17) 2-Methylphenol	7.00	107	345312	39.158	ng	97
18) Hexachloroethane	7.25	117	158829	37.005	ng	# 78
19) n-Nitroso-di-n-propylamine	7.16	70	322336	36.523	ng	# 88
20) 3+4-Methylphenols	7.16	107	400168	37.153	ng	97
22) Acetophenone	7.15	105	547199	38.033	ng	# 90
24) Nitrobenzene	7.33	77	482970	43.267	ng	95
25) Isophorone	7.57	82	828071	39.723	ng	97
26) 2-Nitrophenol	7.64	139	186015	46.216	ng	# 82
27) 2,4-Dimethylphenol	7.68	122	345473	39.737	ng	93
28) bis(2-Chloroethoxy)methane	7.77	93	568533	41.484	ng	98
29) 2,4-Dichlorophenol	7.89	162	290122	40.201	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	327858	40.981	ng	99
31) Naphthalene	8.05	128	1099314	38.881	ng	99
32) Benzoic acid	7.81	122	145372	26.292	ng	85
33) 4-Chloroaniline	8.10	127	460915	38.654	ng	97
34) Hexachlorobutadiene	8.16	225	189873	40.648	ng	98
35) Caprolactam	8.48	113	91563	37.320	ng	95
36) 4-Chloro-3-methylphenol	8.58	107	346844	37.407	ng	# 78
37) 2-Methylnaphthalene	8.73	142	663953	38.303	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	286409	42.879	ng	98
40) Hexachlorocyclopentadiene	8.89	237	31171	9.714	ng	97

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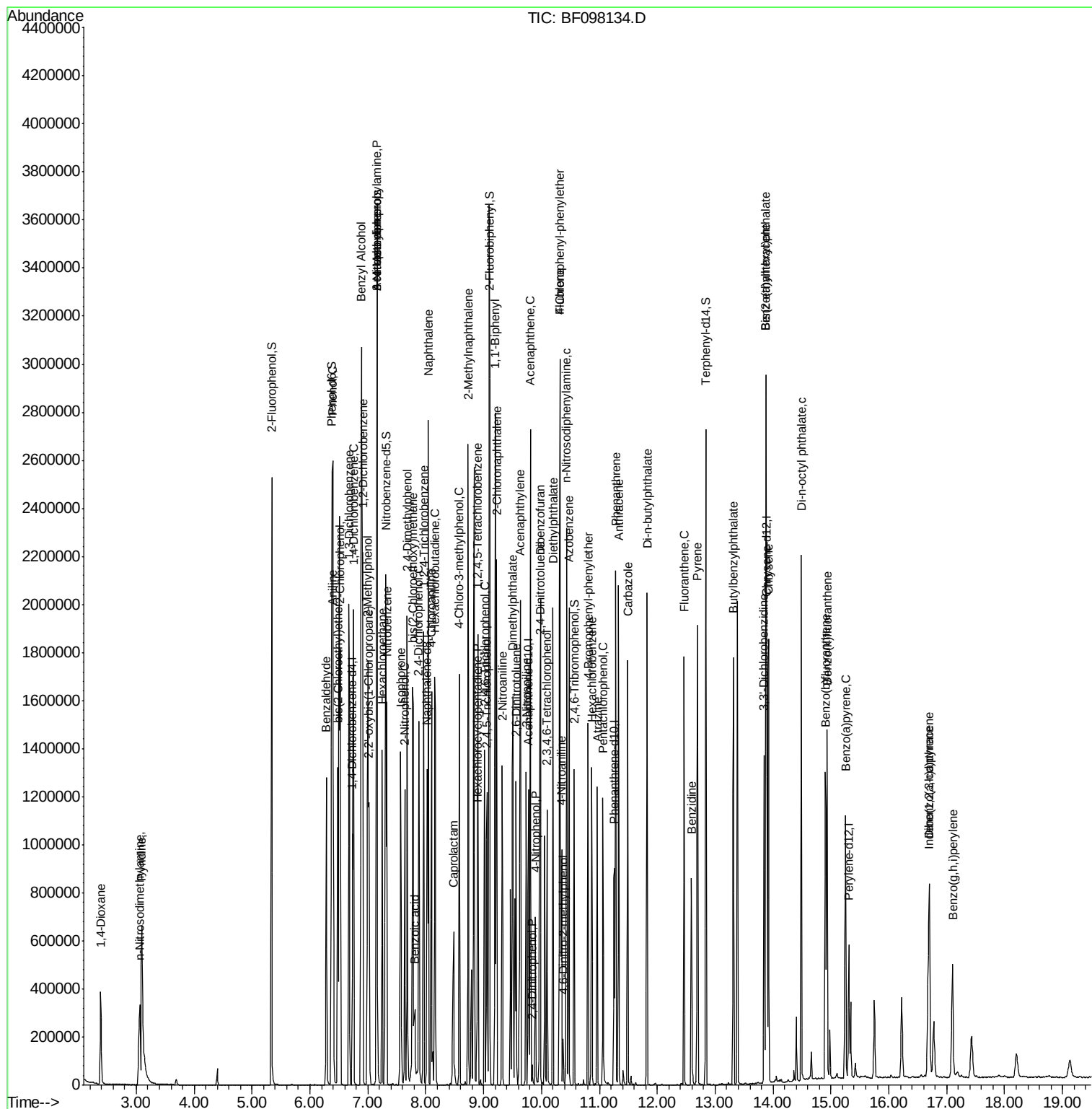
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	182580	40.715	nq	100
43) 2,4,5-Trichlorophenol	9.06	196	173206	38.933	nq	98
45) 1,1'-Biphenyl	9.20	154	837939	42.220	nq	96
46) 2-Chloronaphthalene	9.22	162	594334	40.529	nq	# 91
47) 2-Nitroaniline	9.32	65	228542	46.488	nq	97
48) Acenaphthylene	9.64	152	896859	38.946	nq	99
49) Dimethylphthalate	9.50	163	705019	44.315	nq	99
50) 2,6-Dinitrotoluene	9.56	165	139010	43.774	nq	# 55
51) Acenaphthene	9.81	154	532907	36.692	nq	99
52) 3-Nitroaniline	9.73	138	176600	43.103	nq	87
53) 2,4-Dinitrophenol	9.84	184	10055	15.954	nq	# 77
54) Dibenzofuran	9.98	168	734292	37.723	nq	99
55) 4-Nitrophenol	9.89	139	98598	30.167	nq	# 35
56) 2,4-Dinitrotoluene	9.97	165	162809	40.853	nq	# 62
57) Fluorene	10.32	166	559678	37.189	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	115875	33.641	nq	94
59) Diethylphthalate	10.20	149	683519	41.085	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	282345	40.384	nq	# 84
61) 4-Nitroaniline	10.35	138	158078	40.595	nq	78
62) Azobenzene	10.47	77	707052	35.778	nq	94
64) 4,6-Dinitro-2-methylphenol	10.37	198	19385	18.254	nq	# 78
65) n-Nitrosodiphenylamine	10.43	169	535697	45.952	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	164728	46.337	nq	93
67) Hexachlorobenzene	10.87	284	153123	42.258	nq	# 87
68) Atrazine	10.96	200	122965	39.773	nq	98
69) Pentachlorophenol	11.06	266	117025	55.391	nq	98
70) Phenanthrene	11.28	178	713280	39.100	nq	99
71) Anthracene	11.33	178	727889	39.339	nq	99
72) Carbazole	11.49	167	674404	38.399	nq	98
73) Di-n-butylphthalate	11.82	149	968030	47.851	nq	99
74) Fluoranthene	12.46	202	723728	38.009	nq	98
76) Benzidine	12.59	184	335389	35.083	nq	# 92
77) Pyrene	12.69	202	752880	31.571	nq	99
79) Butylbenzylphthalate	13.32	149	362236	39.619	nq	# 73
80) Benzo(a)anthracene	13.88	228	644187	36.863	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	262851	44.575	nq	# 97
82) Chrysene	13.92	228	648530	37.307	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	502036	49.552	nq	# 100
84) Di-n-octyl phthalate	14.49	149	973480	55.222	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	442090	34.571	nq	95
87) Benzo(b)fluoranthene	14.90	252	641904	43.418	nq	99
88) Benzo(k)fluoranthene	14.93	252	538626	38.779	nq	# 94
89) Benzo(a)pyrene	15.25	252	535400	40.908	nq	99
90) Dibenzo(a,h)anthracene	16.70	278	390989	36.695	nq	96
91) Benzo(g,h,i)perylene	17.10	276	368924	33.183	nq	93

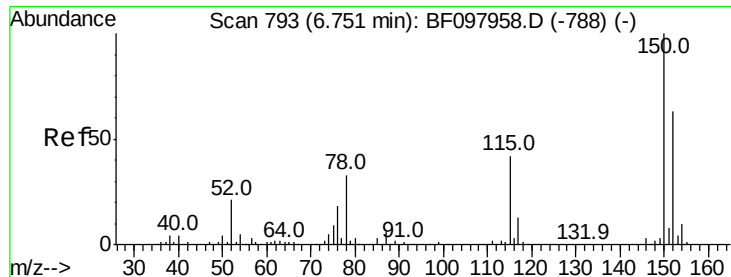
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :
ALS Vial  : 2    Sample Multiplier: 1
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ClientSampleId :
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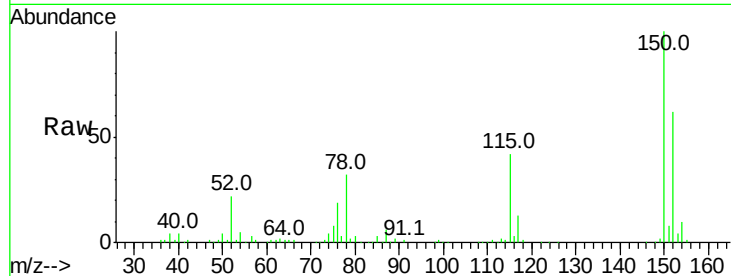


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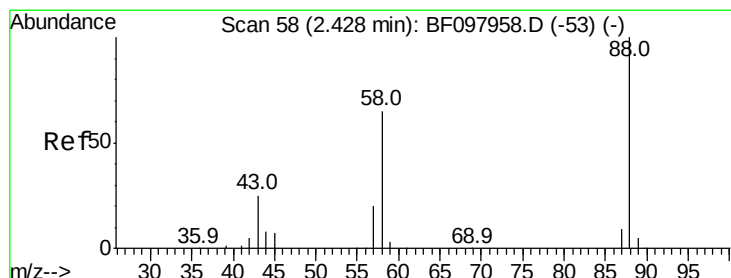
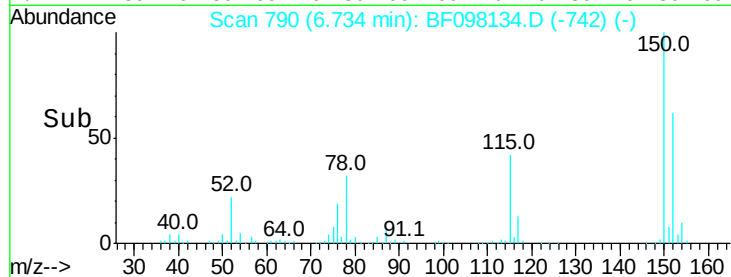
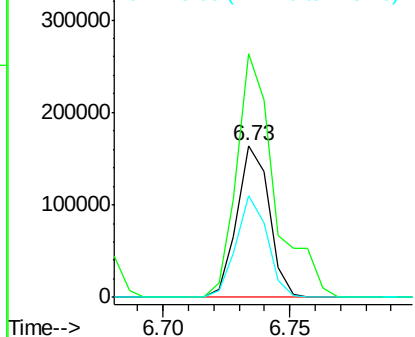
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 144331
Ion Ratio Lower Upper
152 100
150 160.4 126.2 189.2
115 66.9 52.2 78.2



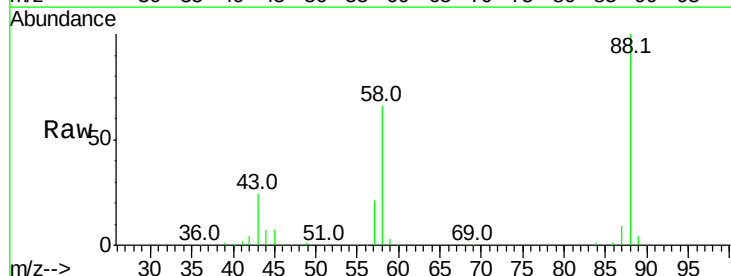
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



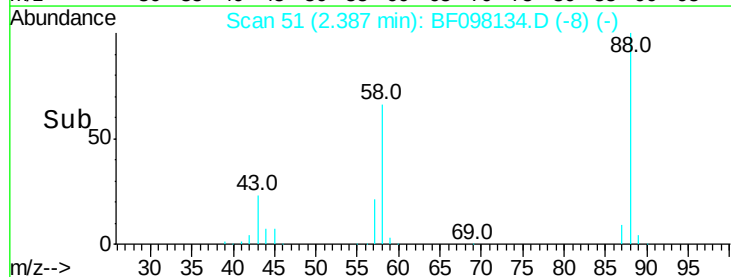
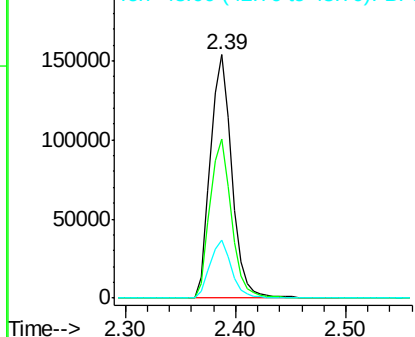
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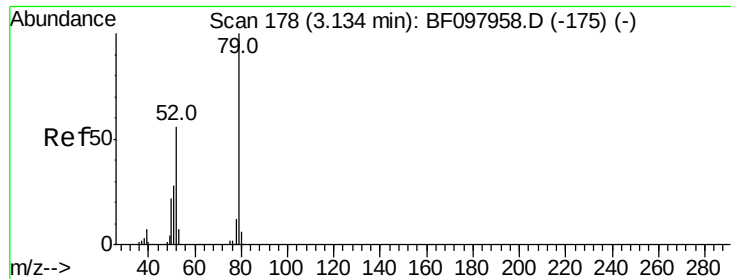
1,4-Dioxane
Concen: 38.845 ng
RT: 2.39 min Scan# 51
Delta R.T. -0.05 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion: 88 Resp: 205561
Ion Ratio Lower Upper
88 100
58 65.0 61.4 92.0
43 23.8 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.965 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.04 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

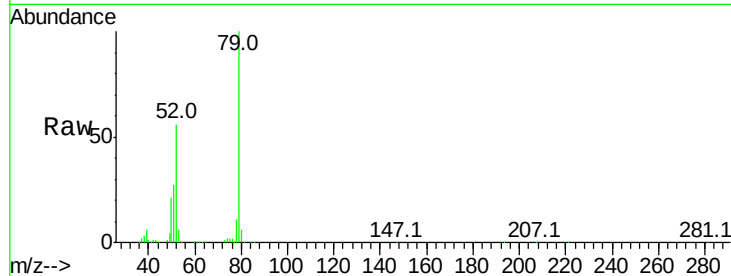
Tot Ion: 79 Resp: 570025

Ion Ratio Lower Upper

79 100

52 55.9 54.8 82.2

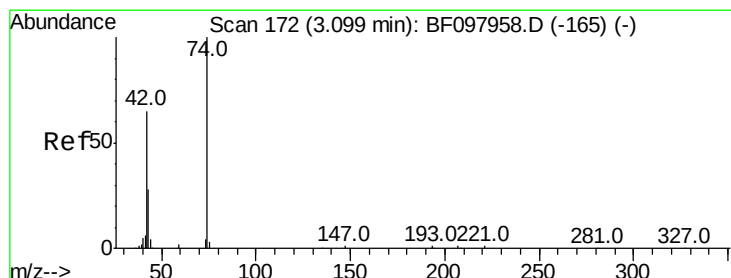
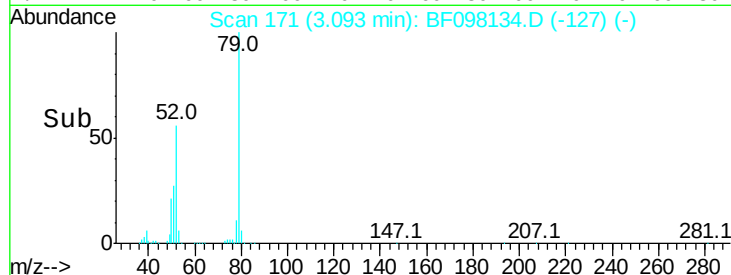
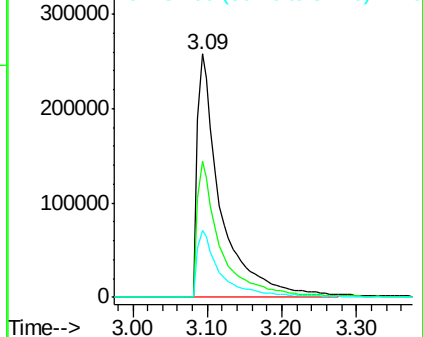
51 27.3 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.764 ng

RT: 3.06 min Scan# 166

Delta R.T. -0.04 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

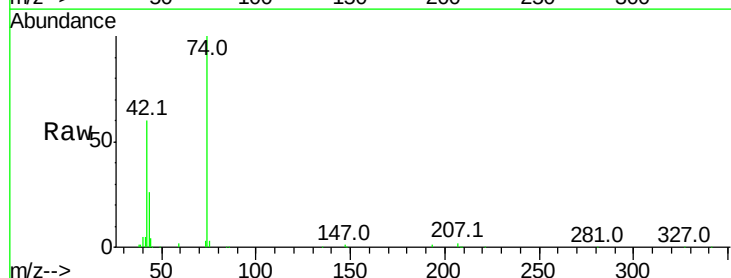
Tgt Ion: 42 Resp: 206944

Ion Ratio Lower Upper

42 100

74 166.2 103.9 155.9#

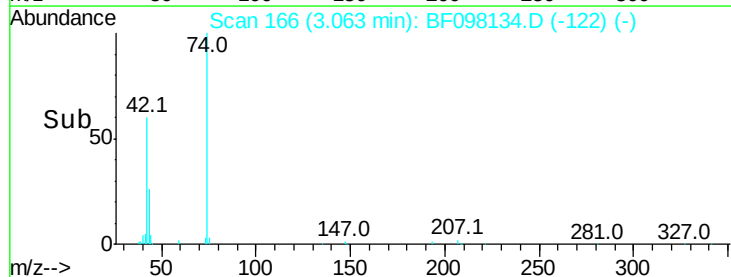
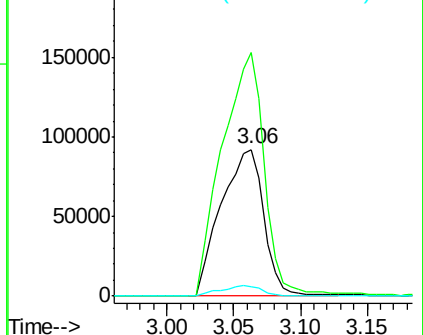
44 6.7 5.7 8.5

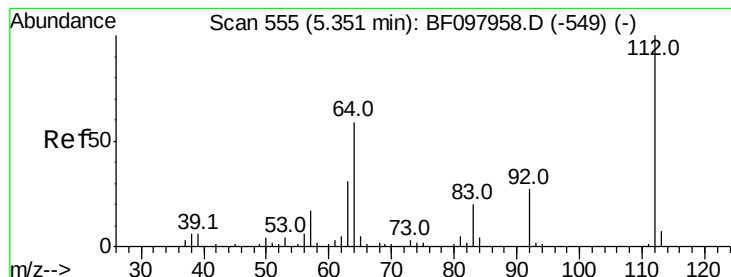


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

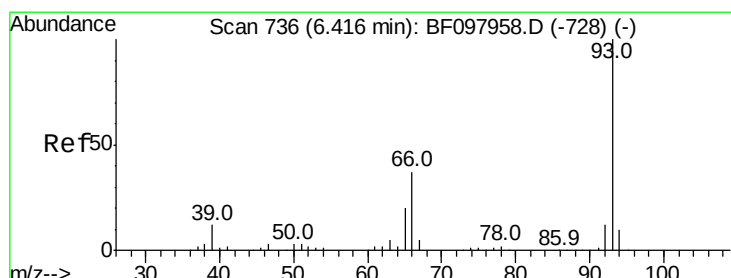
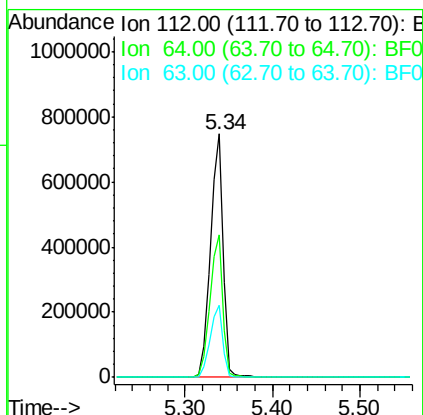
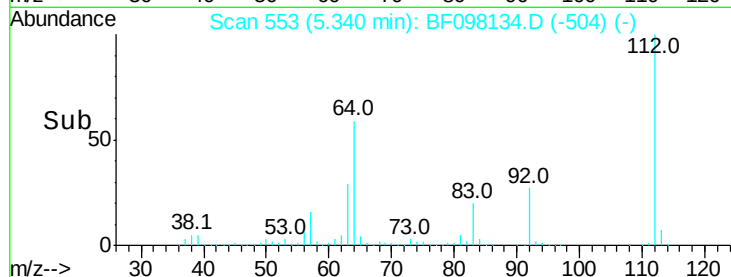
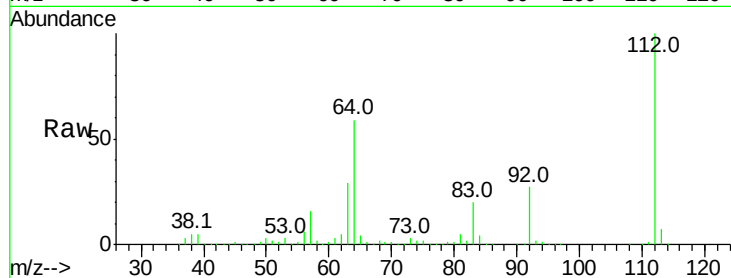




#5
 2-Fluorophenol
 Concen: 79.200 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

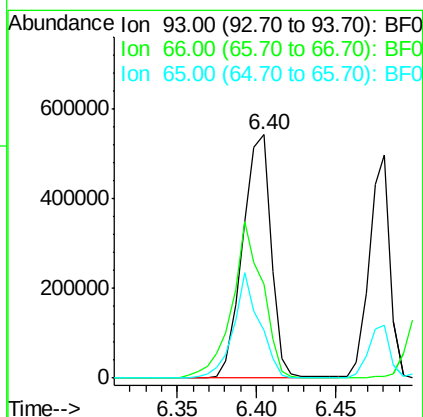
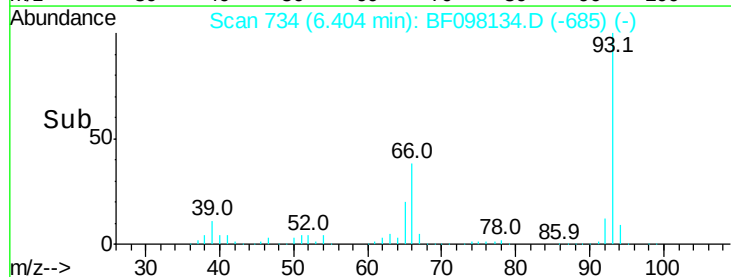
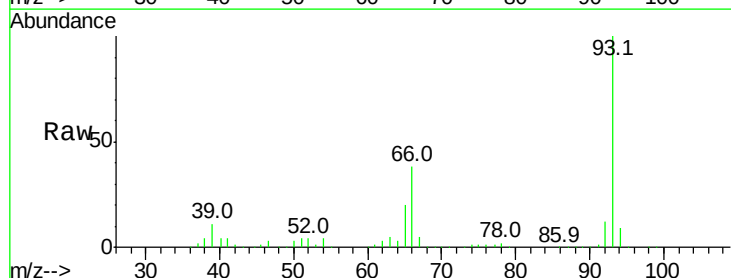
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

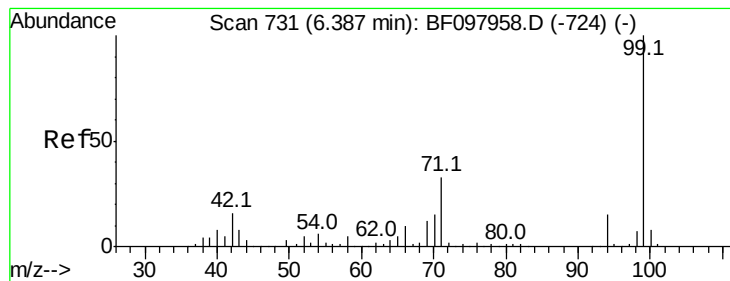
Tot Ion:	112	Resp:	751506
Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.0	69.0
63	29.4	23.4	35.0



#6
 Aniline
 Concen: 37.478 ng
 RT: 6.40 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion:	93	Resp:	678771
Ion	Ratio	Lower	Upper
93	100		
66	38.4	32.9	49.3
65	19.7	16.0	24.0





#7

Phenol-d6

Concen: 79.498 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

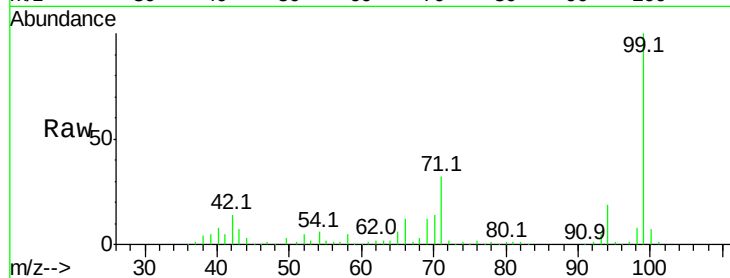
Tot Ion: 99 Resp: 1024934

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

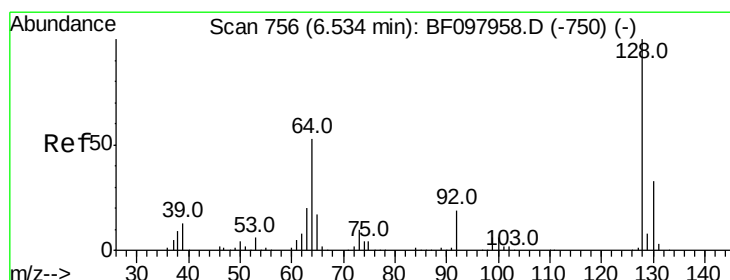
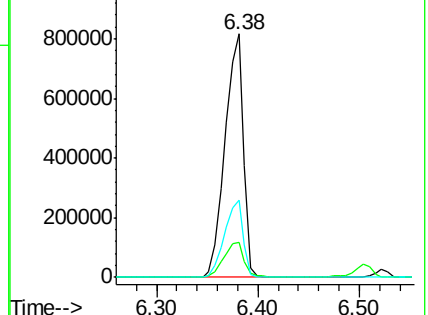
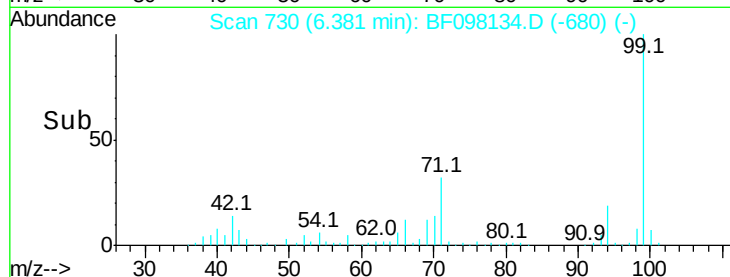
71 31.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.529 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

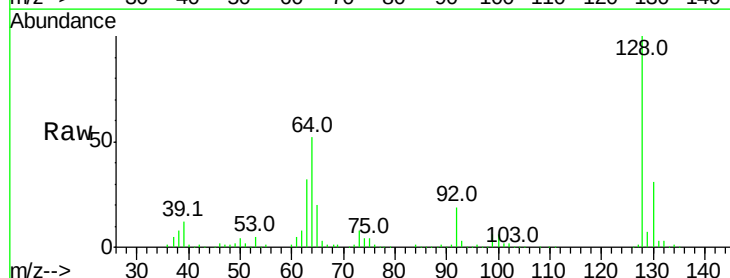
Tgt Ion:128 Resp: 405572

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

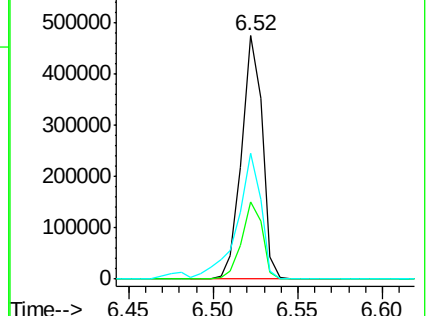
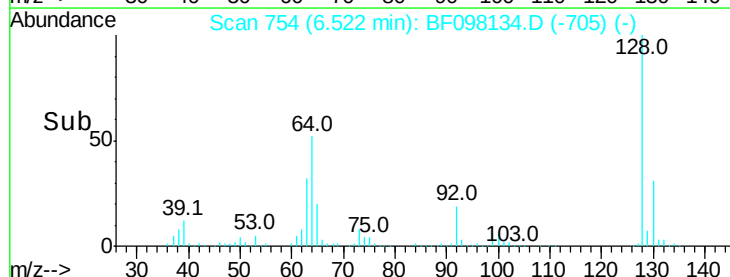
64 51.8 28.4 68.4

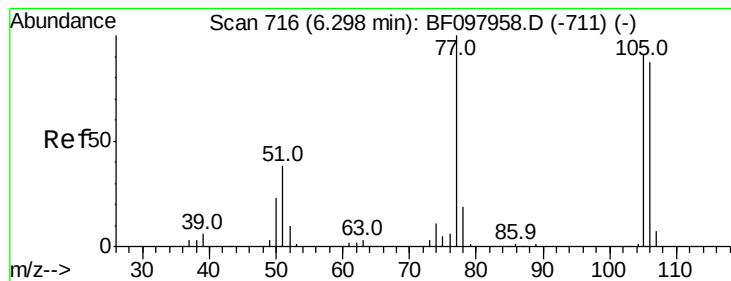


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.965 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

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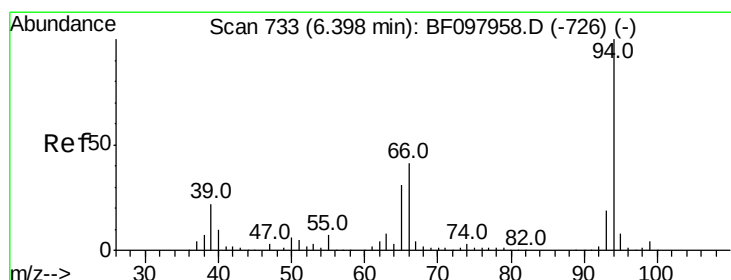
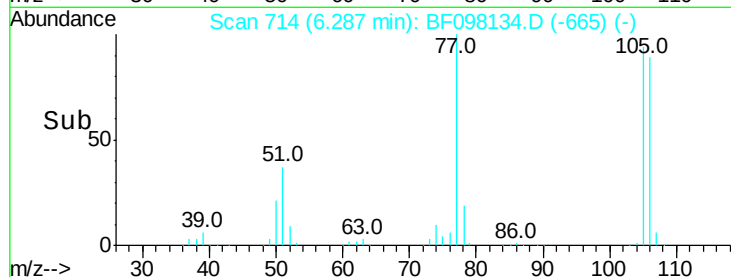
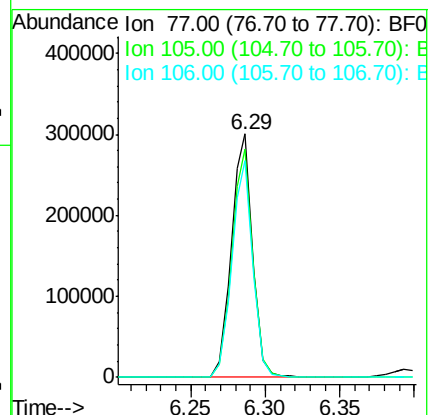
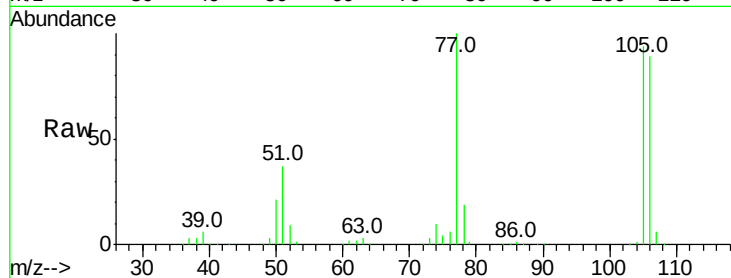
Tot Ion: 77 Resp: 301861

Ion Ratio Lower Upper

77 100

105 93.8 83.8 123.8

106 88.9 79.1 119.1



#10

Phenol

Concen: 38.238 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

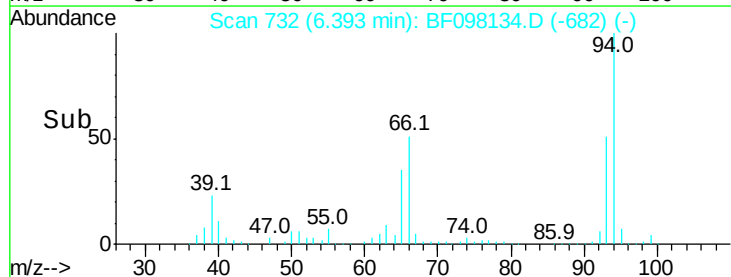
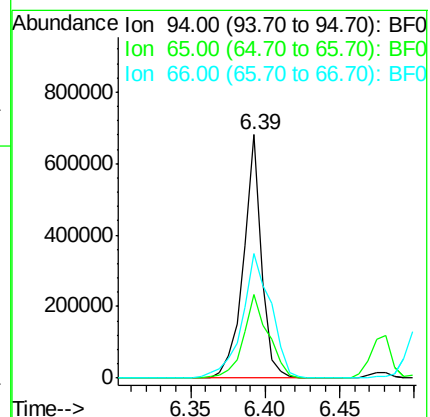
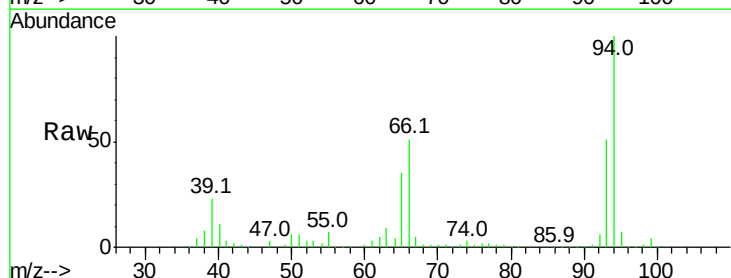
Tgt Ion: 94 Resp: 576572

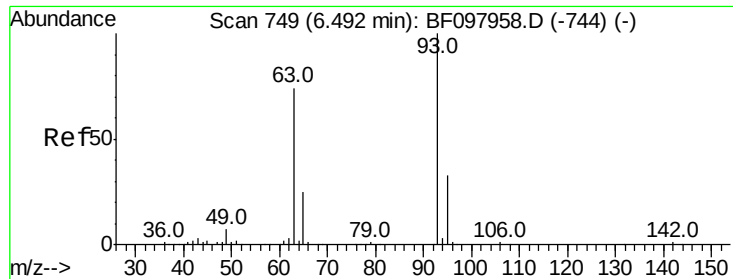
Ion Ratio Lower Upper

94 100

65 34.5 9.9 49.9

66 51.1 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.806 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

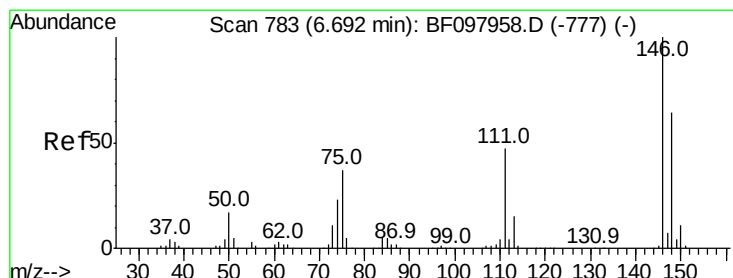
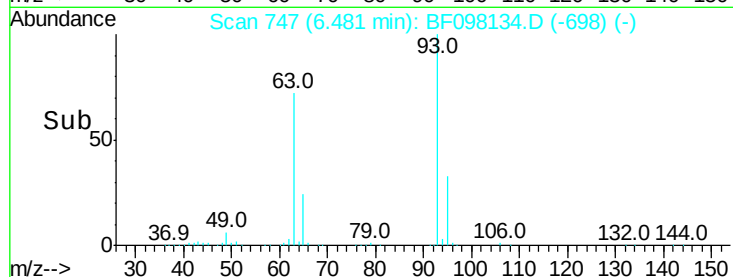
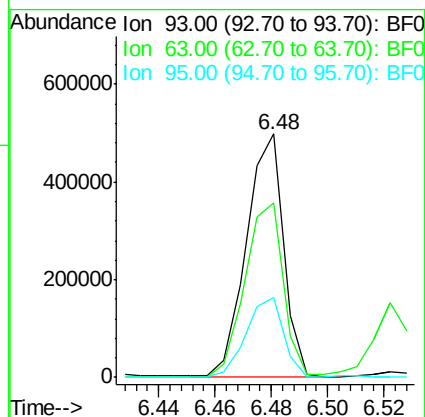
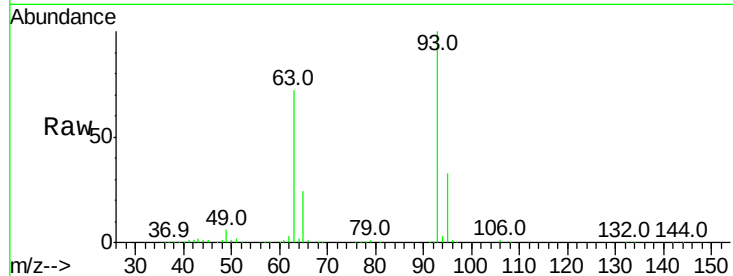
Tot Ion: 93 Resp: 453015

Ion Ratio Lower Upper

93 100

63 71.9 59.2 99.2

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.997 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

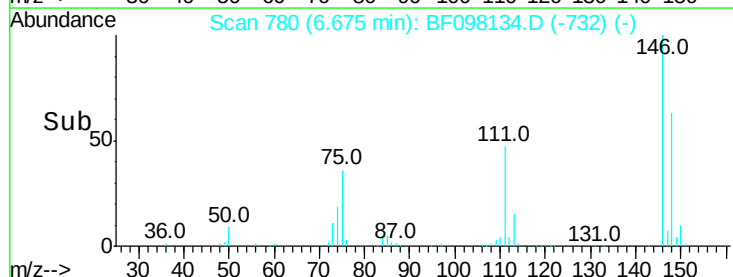
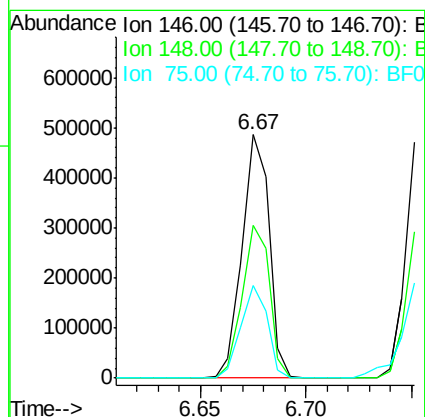
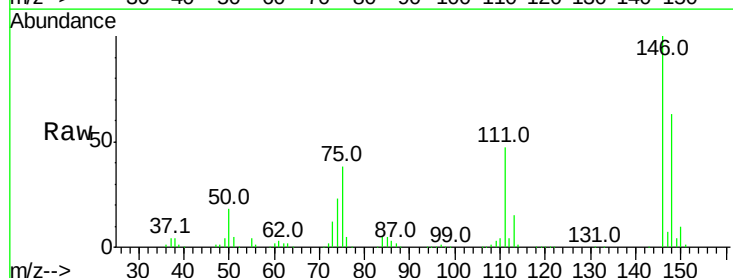
Tgt Ion: 146 Resp: 430527

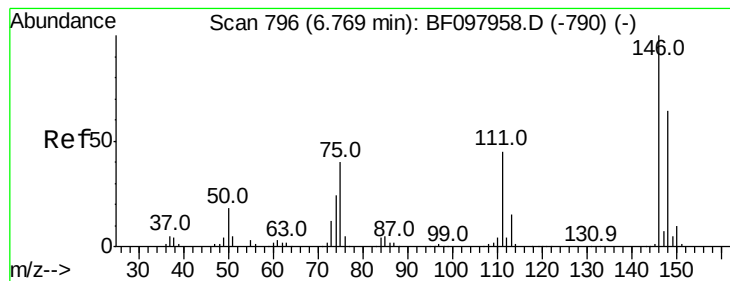
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.6

75 38.1 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 39.628 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

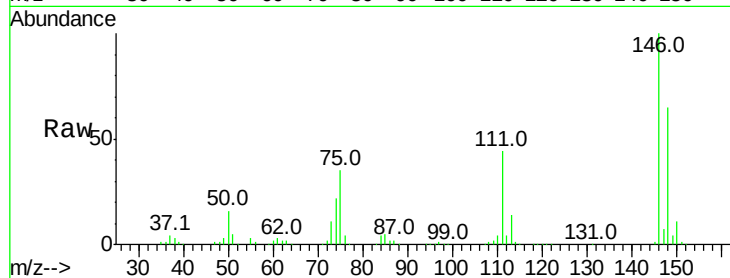
Tot Ion:146 Resp: 433826

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.2

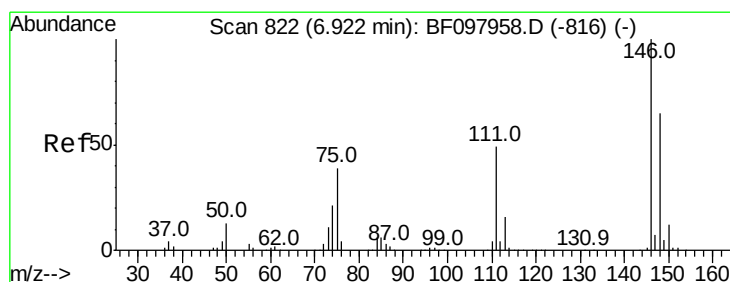
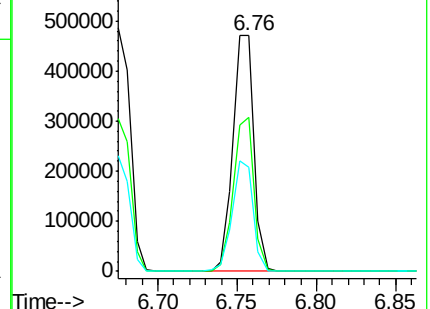
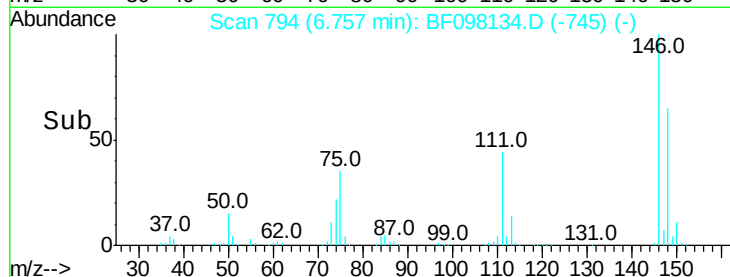
111 44.1 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.950 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

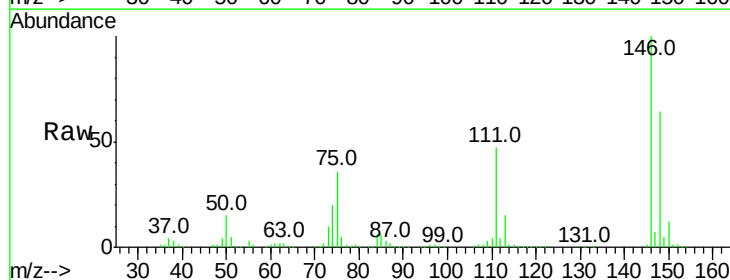
Tgt Ion:146 Resp: 393166

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

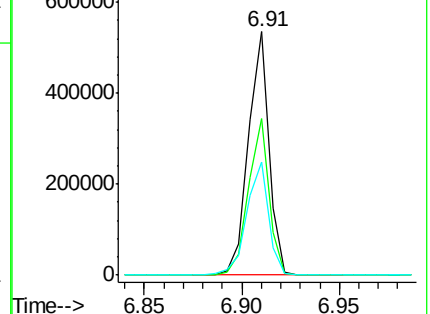
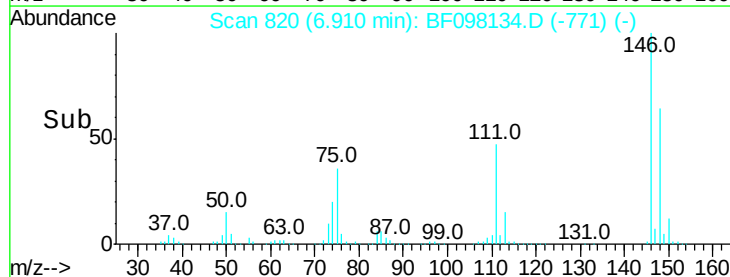
111 46.7 38.2 57.4

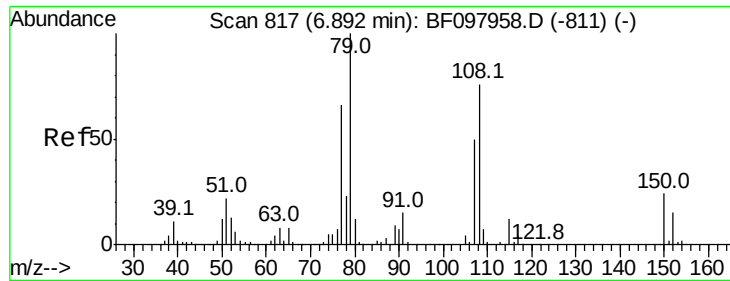


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

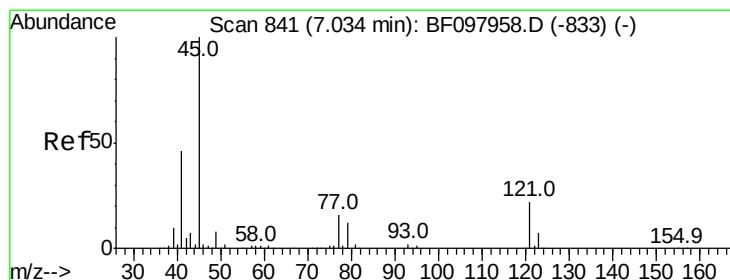
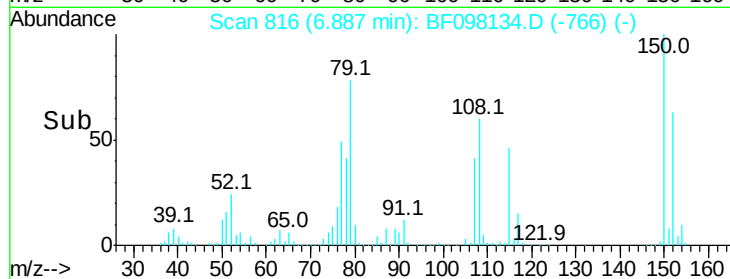
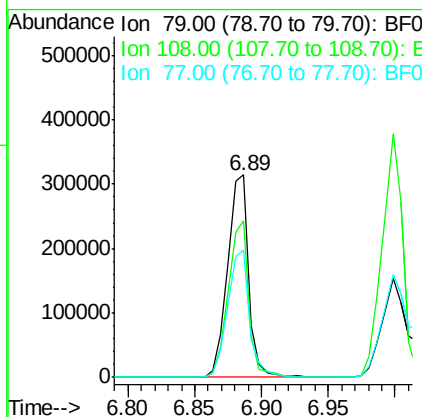
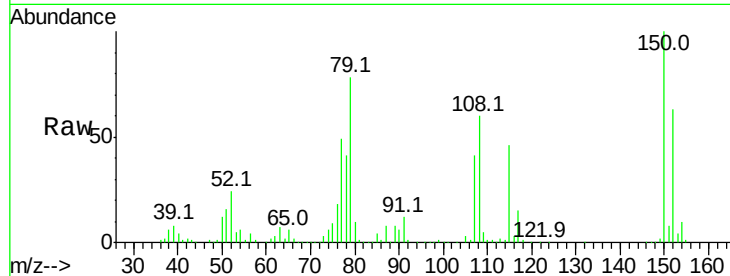




#15
Benzyl Alcohol
Concen: 36.546 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

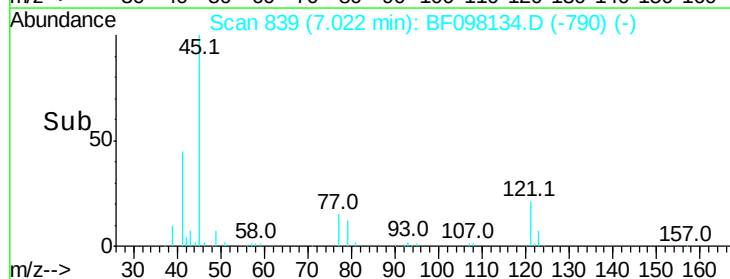
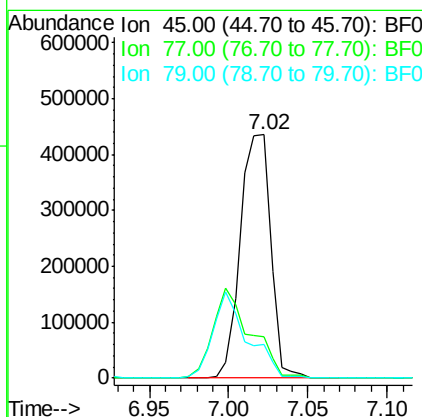
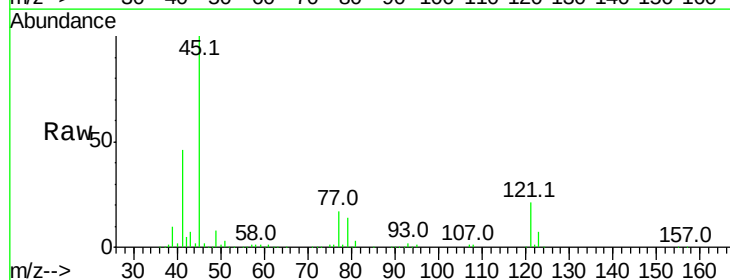
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

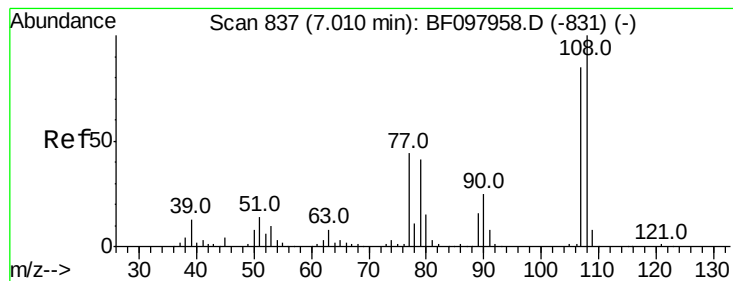
Tot Ion: 79 Resp: 352757
Ion Ratio Lower Upper
79 100
108 77.8 63.4 95.0
77 62.7 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.845 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion: 45 Resp: 579491
Ion Ratio Lower Upper
45 100
77 17.0 0.0 33.2
79 13.8 0.0 30.0





#17

2-Methylphenol

Concen: 39.158 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 345312

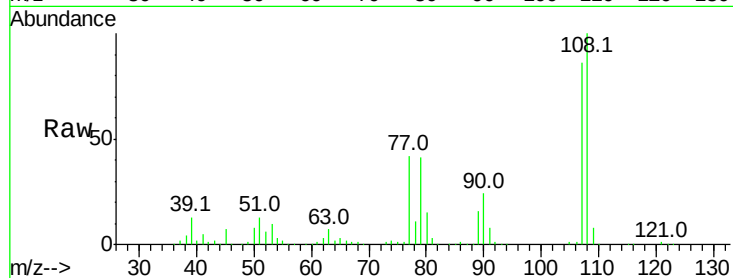
Ion Ratio Lower Upper

107 100

108 116.7 93.4 140.0

77 49.6 35.8 53.6

79 47.5 34.8 52.2

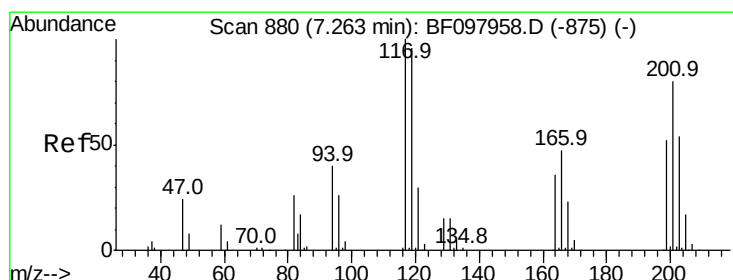
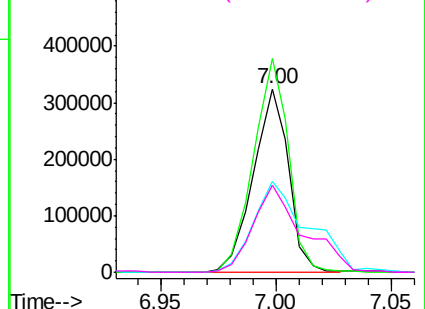
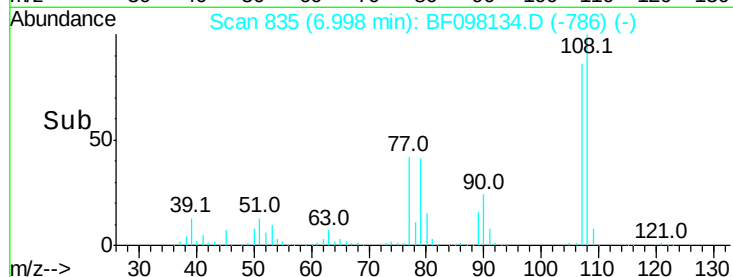


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.005 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

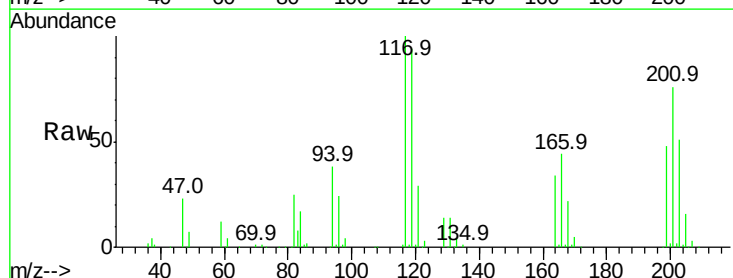
Tgt Ion:117 Resp: 158829

Ion Ratio Lower Upper

117 100

119 93.7 77.4 116.0

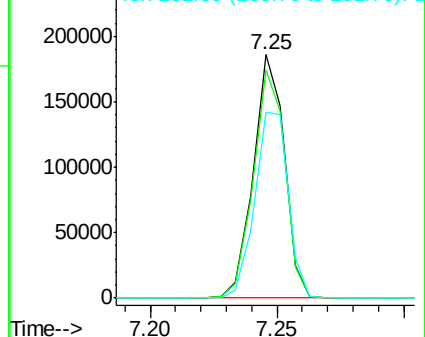
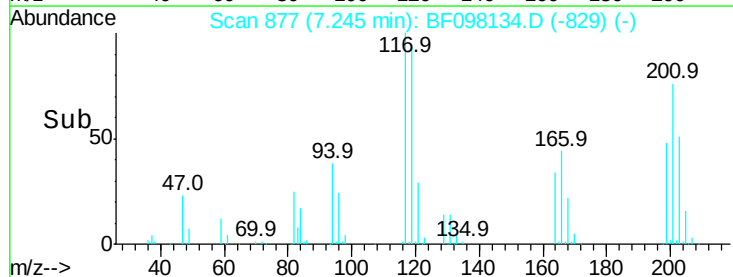
201 76.2 94.6 141.8#

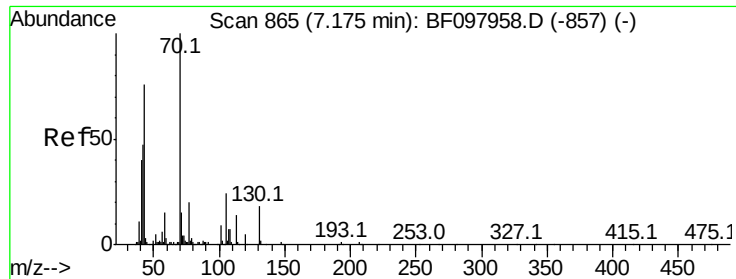


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

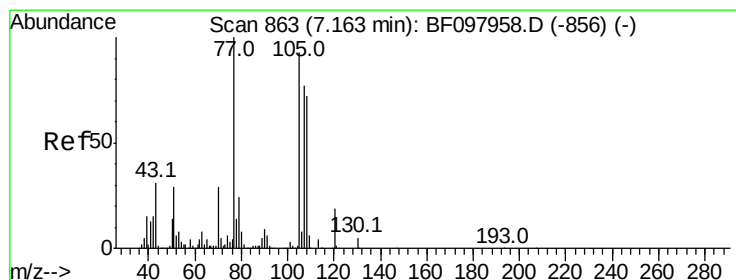
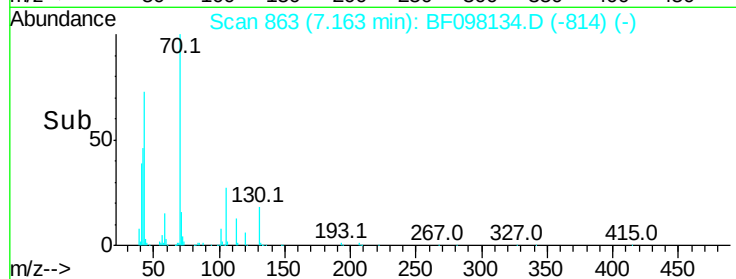
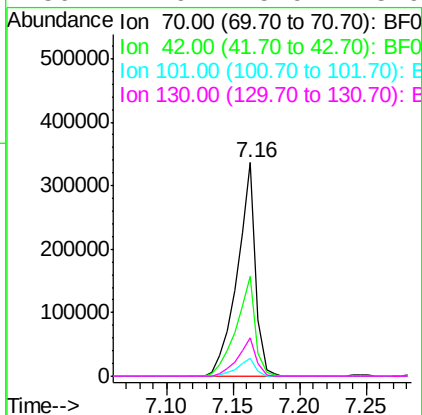
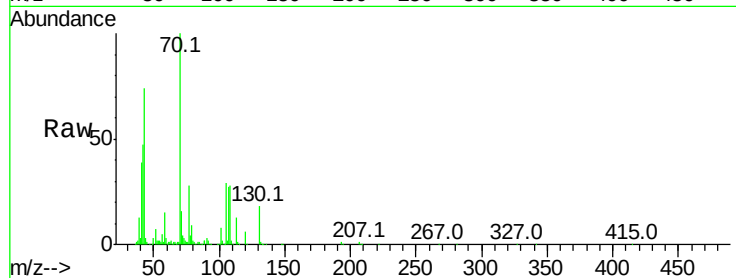




#19
n-Nitroso-di-n-propylamine
Concen: 36.523 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

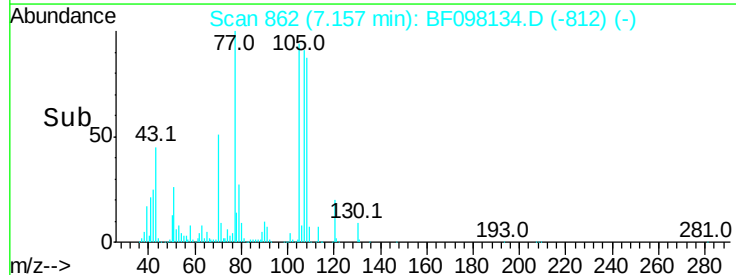
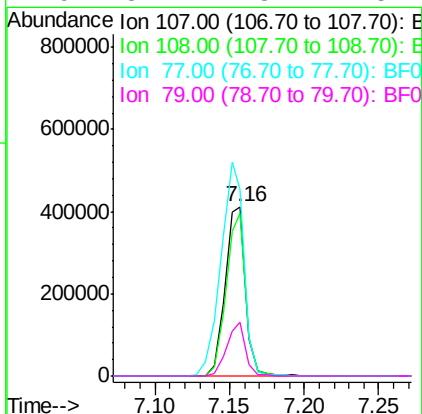
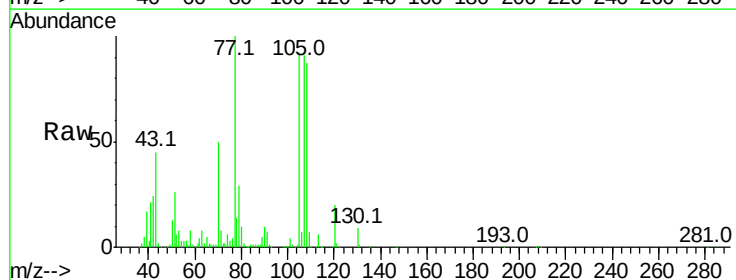
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

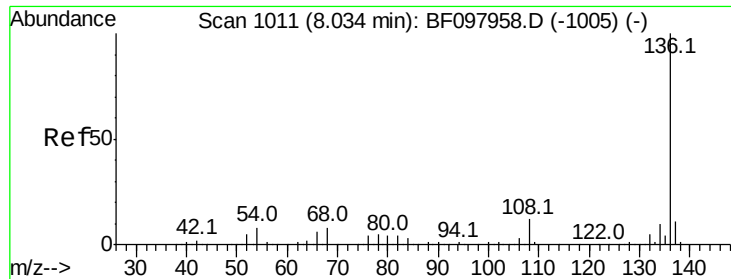
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.5	47.2	70.8#	
101	8.3	7.2	10.8	
130	17.9	15.9	23.9	



#20
3+4-Methylphenols
Concen: 37.153 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.2	71.0	111.0	
77	110.2	90.5	130.5	
79	31.7	8.4	48.4	

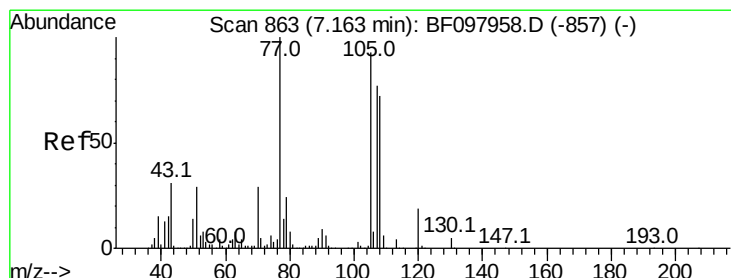
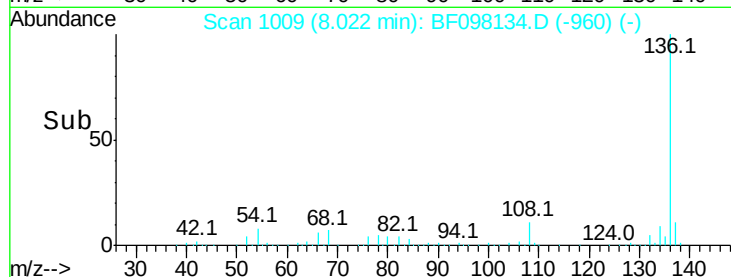
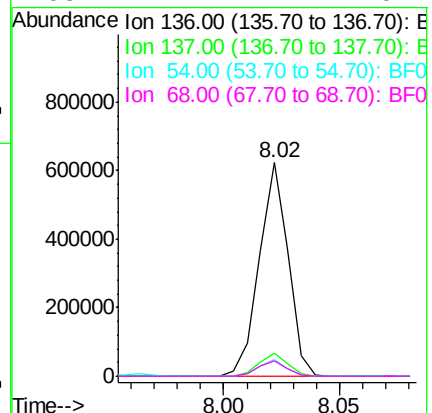
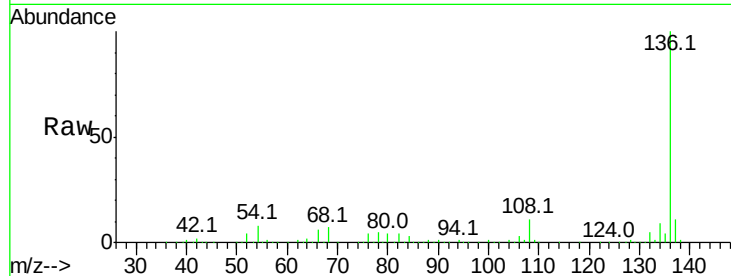




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

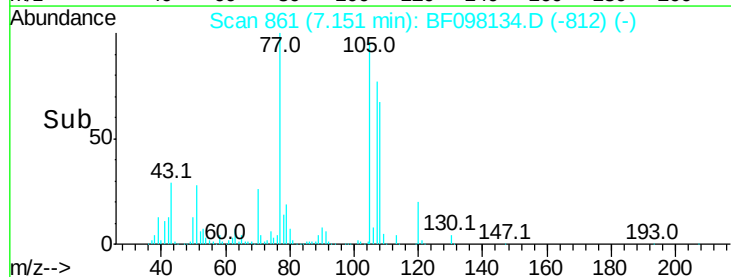
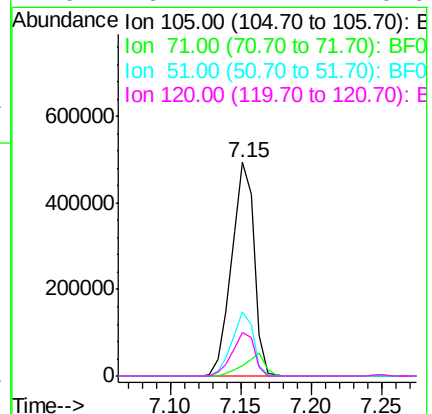
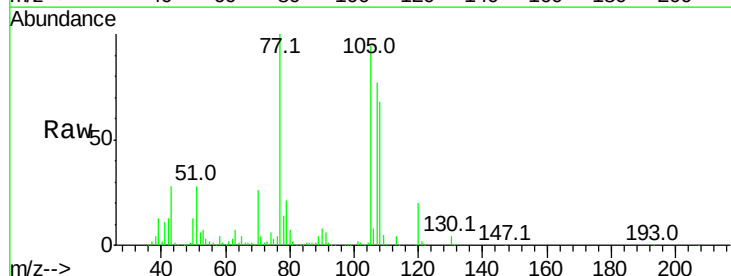
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

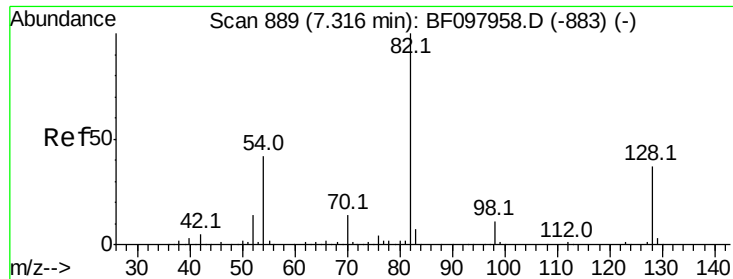
Tot Ion:136	Resp:	544616
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	7.6	4.9 7.3#
68	7.4	4.1 6.1#



#22
Acetophenone
Concen: 38.033 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion:105	Resp:	547199
Ion Ratio	Lower	Upper
105	100	
71	4.6	2.8 4.2#
51	29.7	30.7 46.1#
120	20.7	17.4 26.0

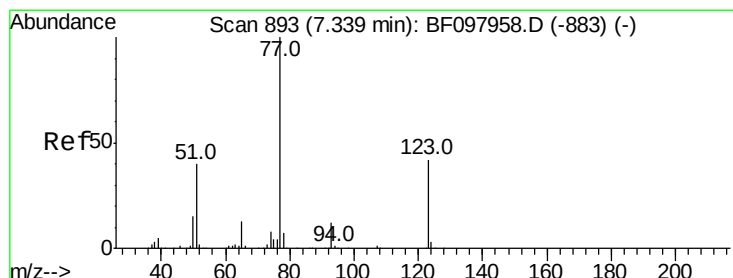
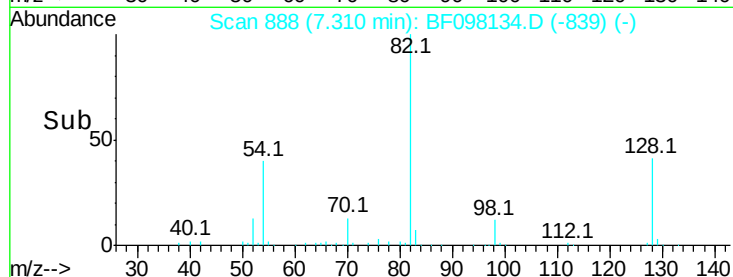
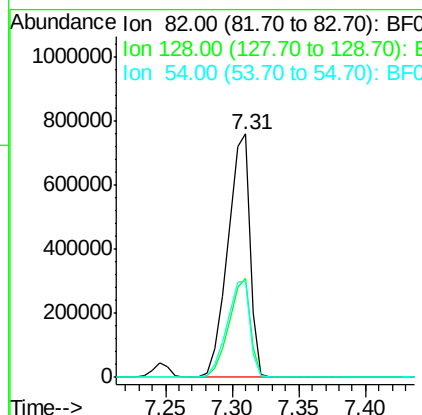
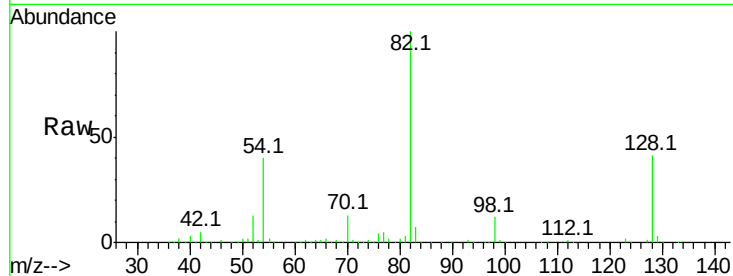




#23
Nitrobenzene-d5
Concen: 89.244 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

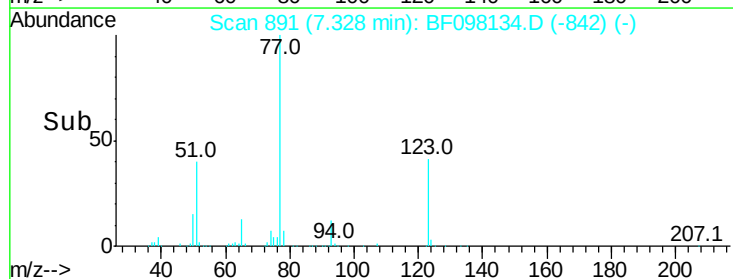
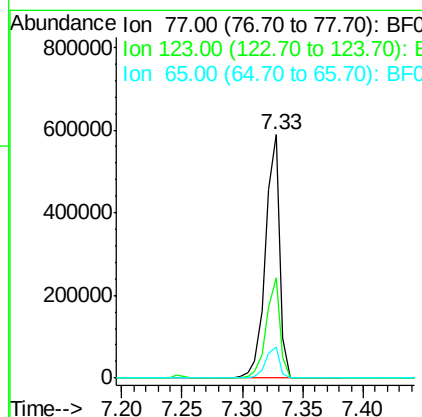
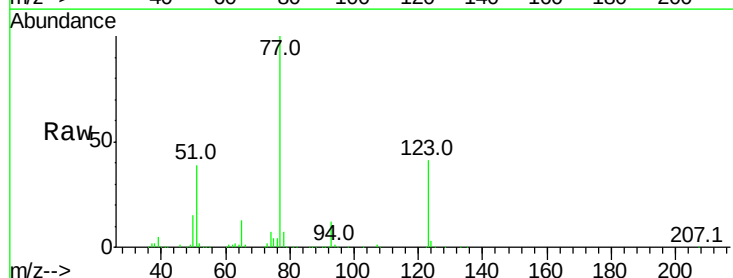
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

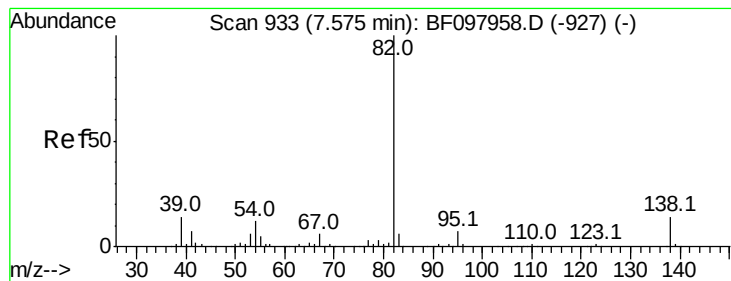
Tot Ion: 82 Resp: 894695
Ion Ratio Lower Upper
82 100
128 40.5 34.0 51.0
54 39.7 42.2 63.2#



#24
Nitrobenzene
Concen: 43.267 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion: 77 Resp: 482970
Ion Ratio Lower Upper
77 100
123 41.1 35.8 53.8
65 12.6 10.6 15.8





#25

Isophorone

Concen: 39.723 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

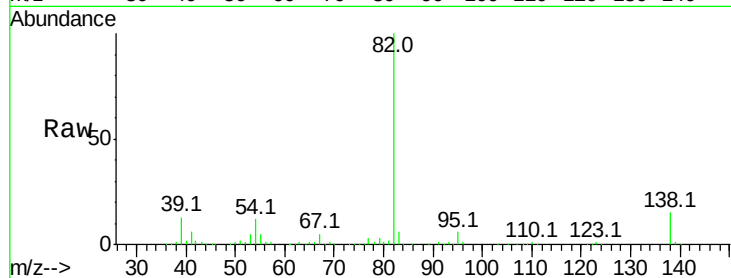
Tot Ion: 82 Resp: 828071

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

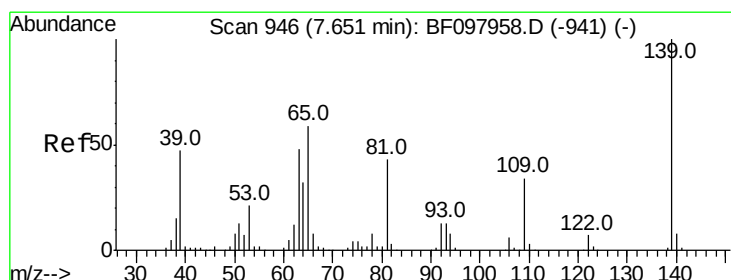
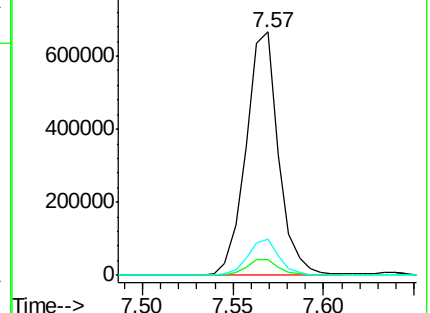
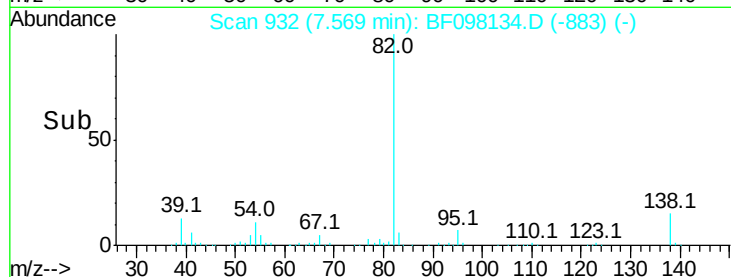
138 14.7 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.216 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

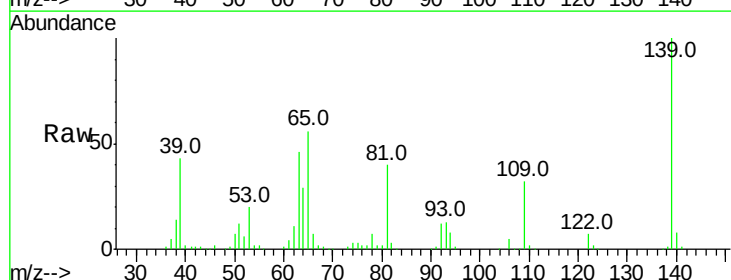
Tgt Ion: 139 Resp: 186015

Ion Ratio Lower Upper

139 100

109 31.6 21.0 31.6#

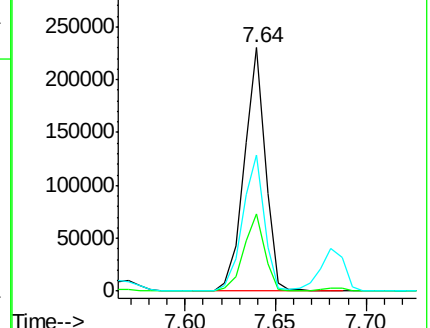
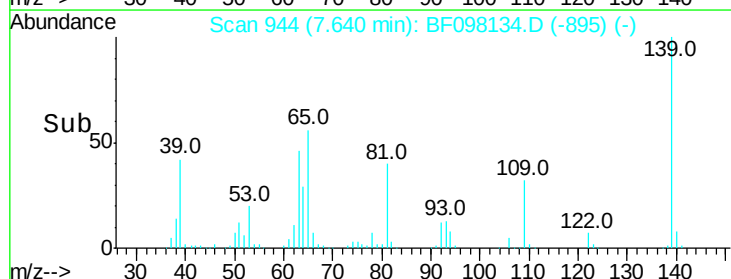
65 56.1 33.0 49.6#

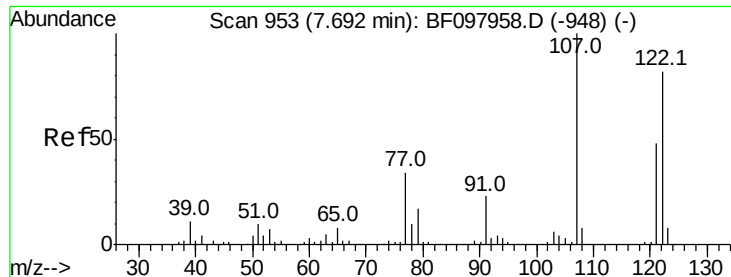


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

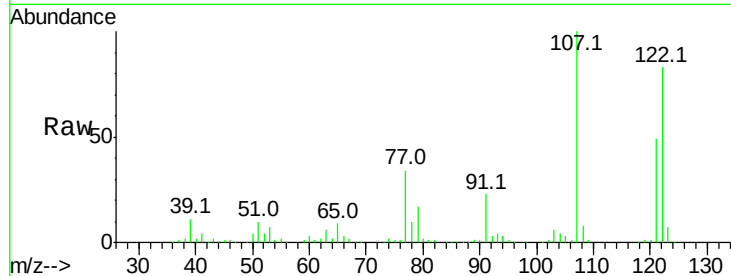




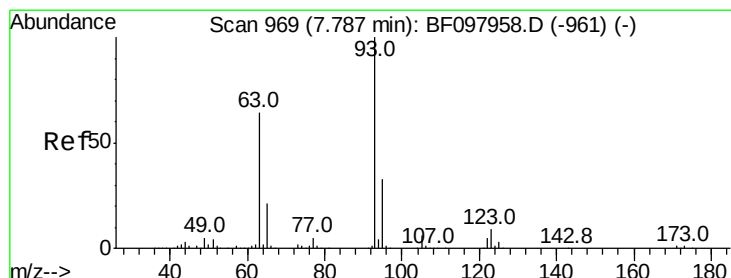
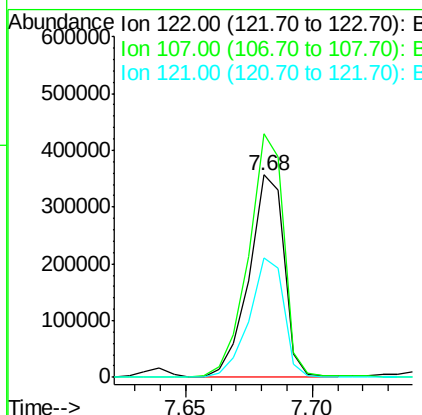
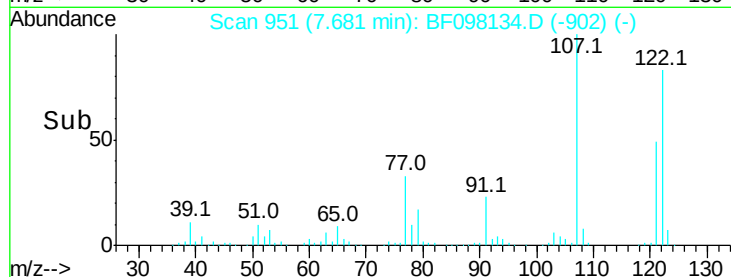
#27
 2,4-Dimethylphenol
 Concen: 39.737 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 345473
 Ion Ratio Lower Upper
 122 100
 107 120.3 89.2 133.8
 121 58.7 45.2 67.8

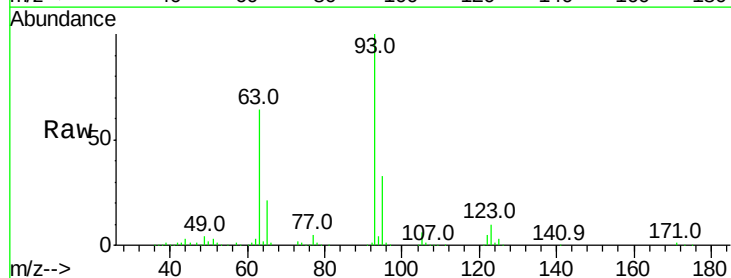


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

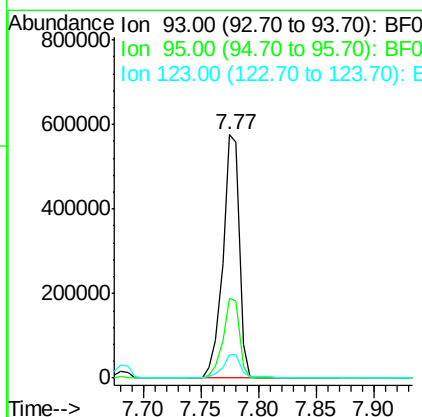
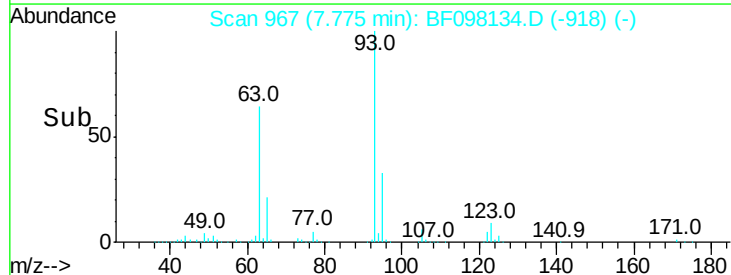


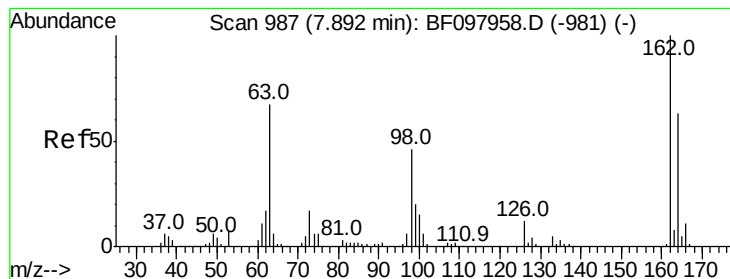
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.484 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion: 93 Resp: 568533
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 9.6 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: 40.201 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

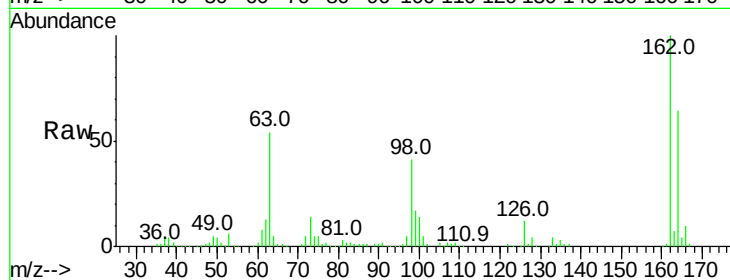
Tot Ion:162 Resp: 290122

Ion Ratio Lower Upper

162 100

164 64.4 44.6 84.6

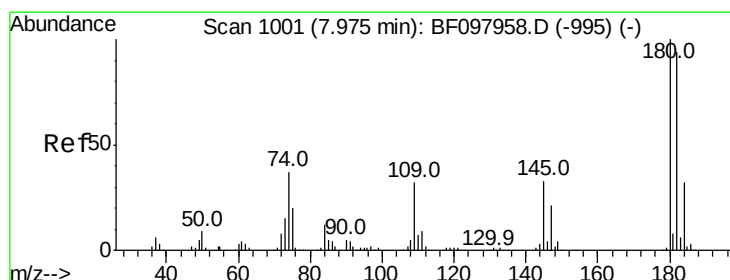
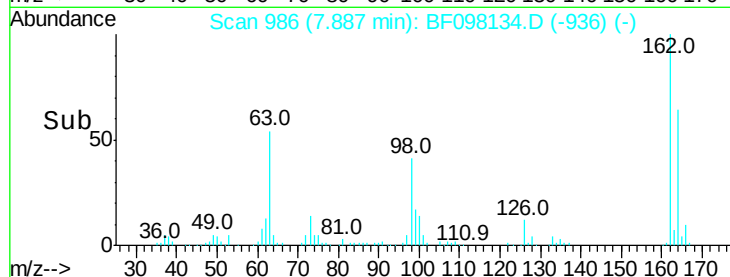
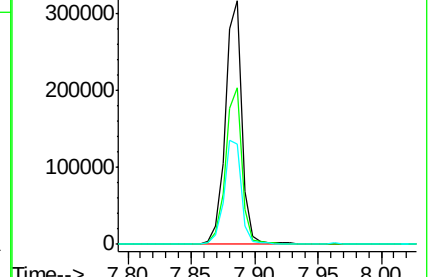
98 41.2 14.8 54.8



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: 40.981 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

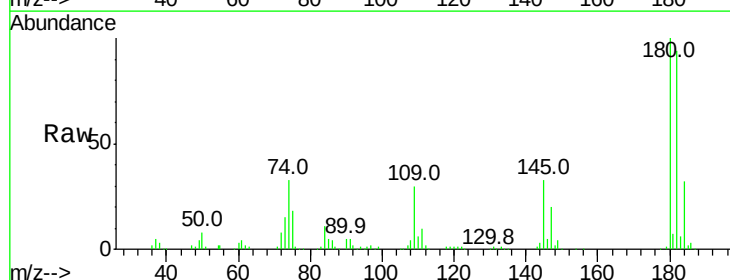
Tgt Ion:180 Resp: 327858

Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.6

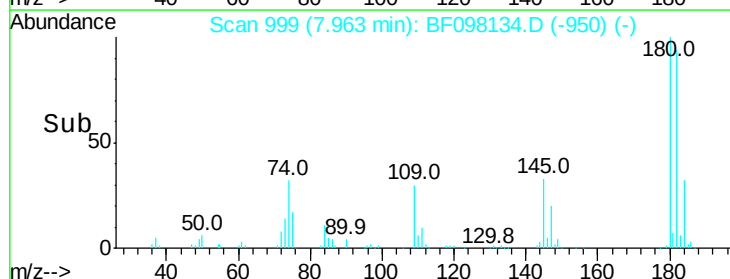
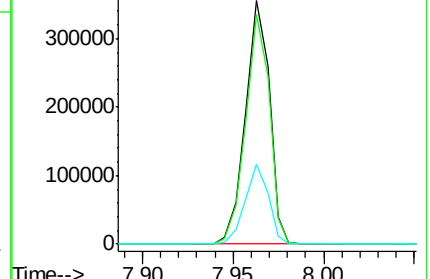
145 32.7 25.3 37.9

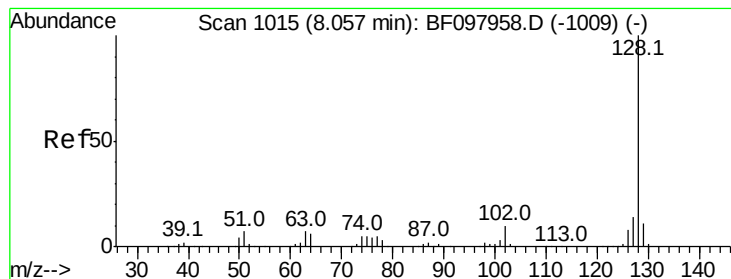


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.881 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

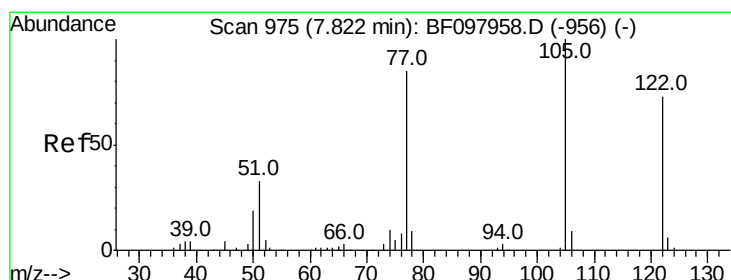
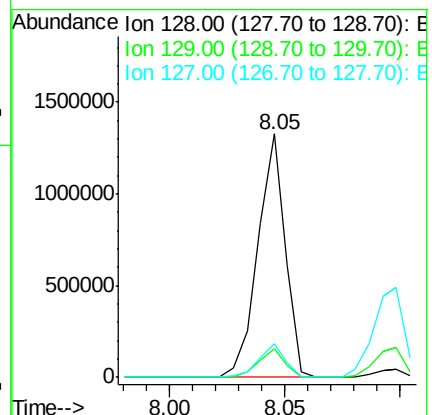
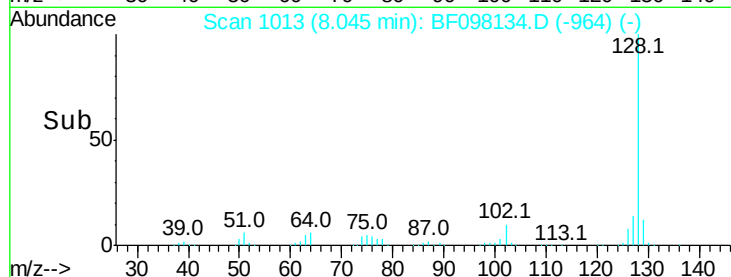
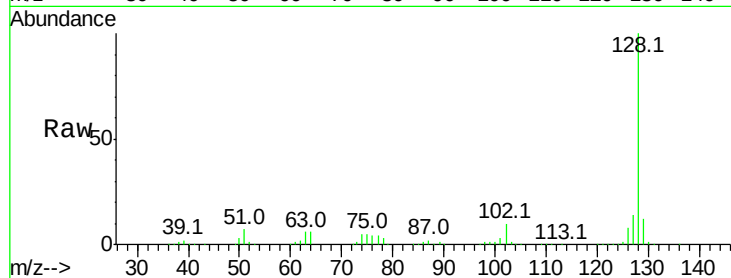
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1099314

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.8	10.8	16.2



#32

Benzoic acid

Concen: 26.292 ng

RT: 7.81 min Scan# 973

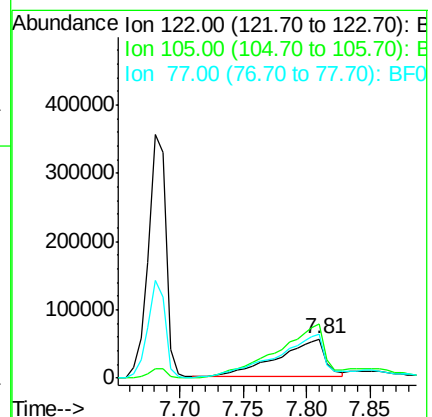
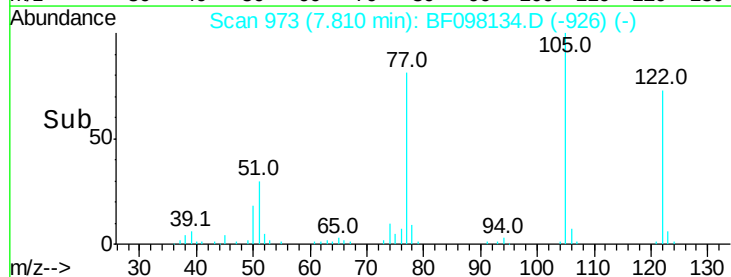
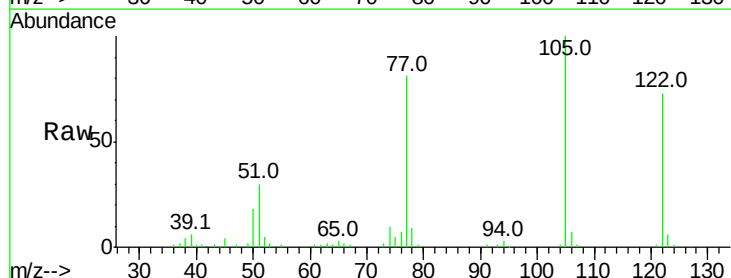
Delta R.T. -0.02 min

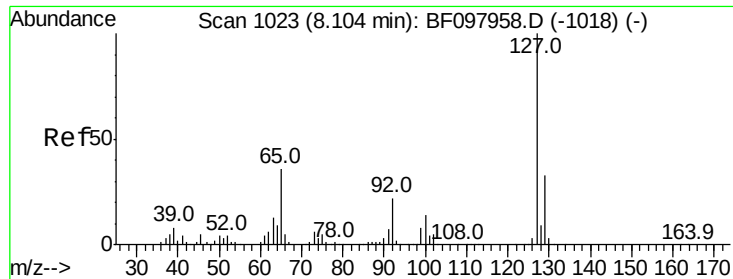
Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Tgt Ion:122 Resp: 145372

Ion	Ratio	Lower	Upper
122	100		
105	137.5	103.3	143.3
77	110.9	73.7	113.7

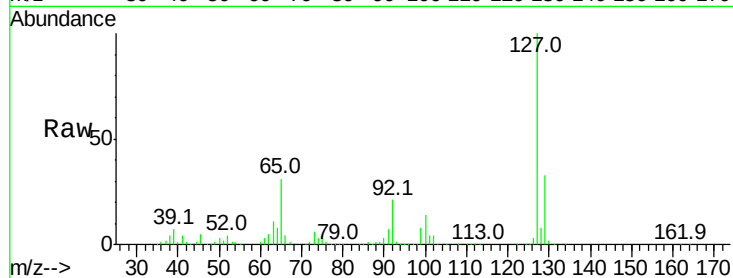




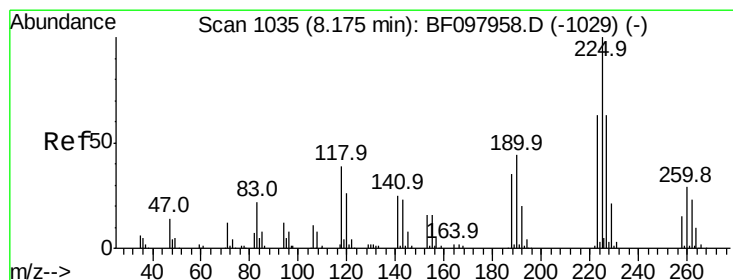
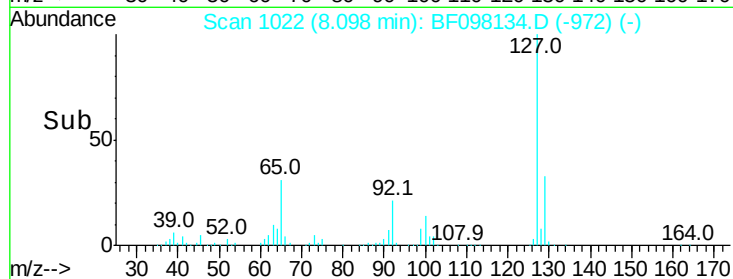
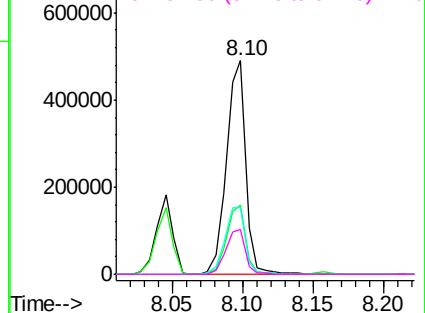
#33
4-Chloroaniline
Concen: 38.654 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	460915
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	31.3	27.8	41.8
92	20.9	16.8	25.2

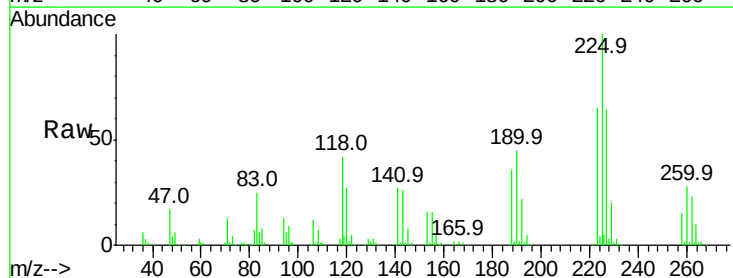


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

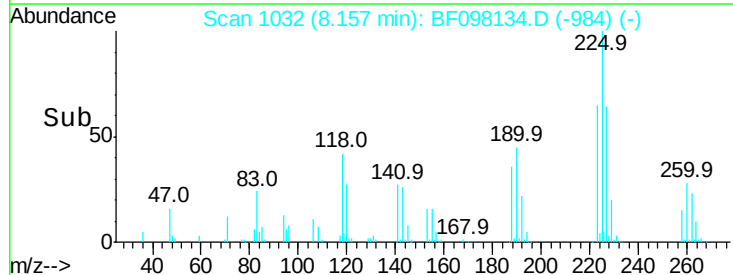
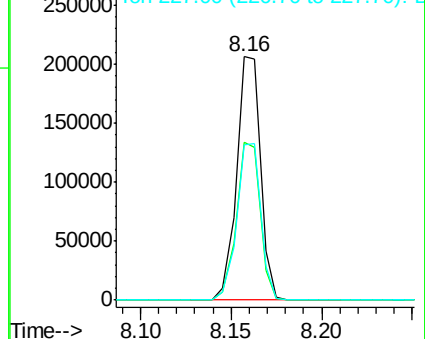


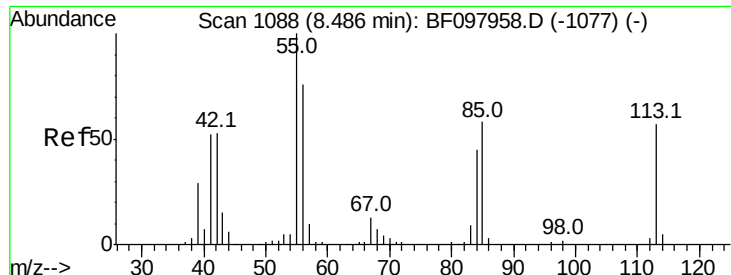
#34
Hexachlorobutadiene
Concen: 40.648 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion:	225	Resp:	189873
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	63.7	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

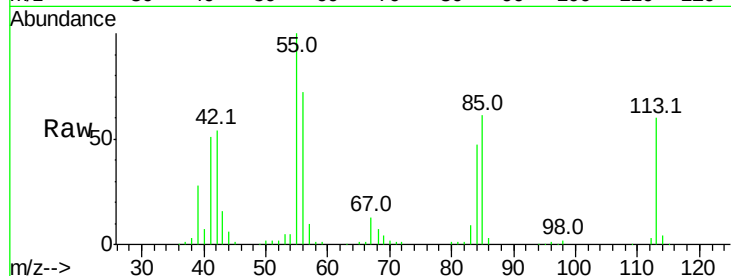




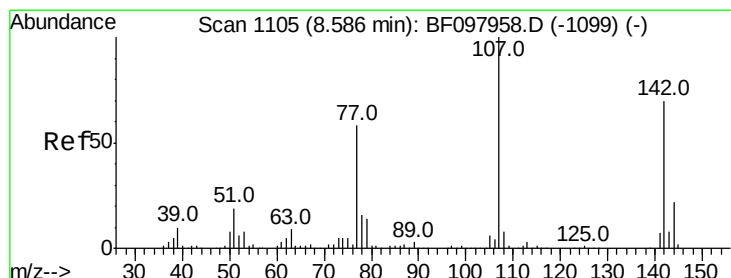
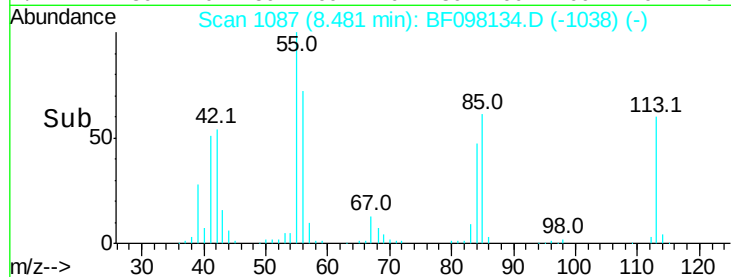
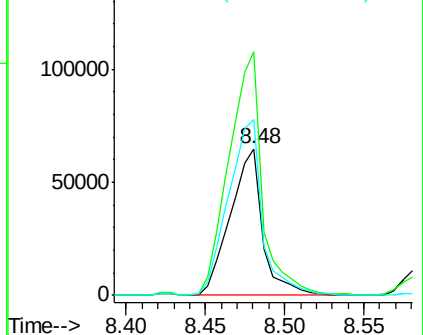
#35
Caprolactam
Concen: 37.320 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 91563
Ion Ratio Lower Upper
113 100
55 166.3 150.2 190.2
56 119.7 107.8 147.8

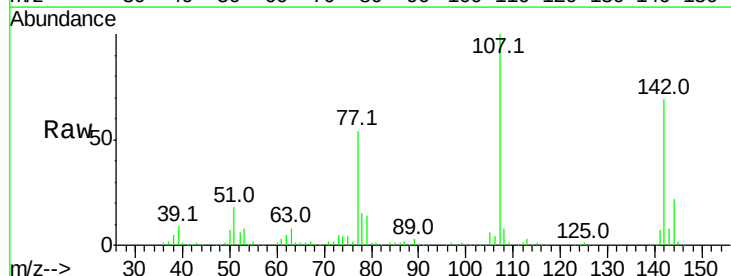


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

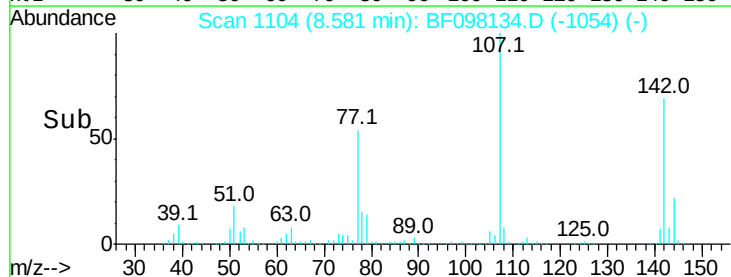
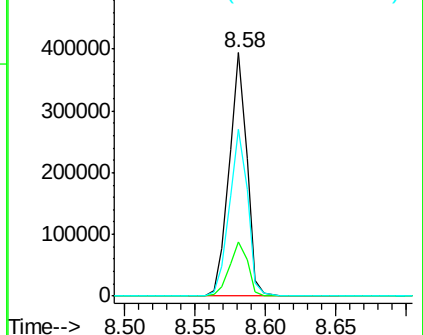


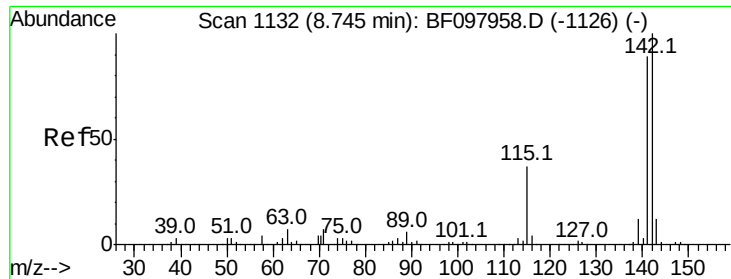
#36
4-Chloro-3-methylphenol
Concen: 37.407 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion:107 Resp: 346844
Ion Ratio Lower Upper
107 100
144 22.4 24.2 36.4#
142 68.7 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

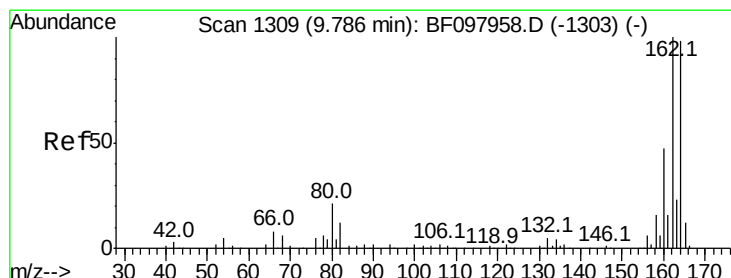
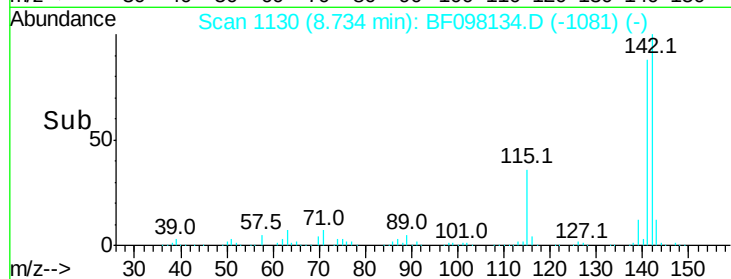
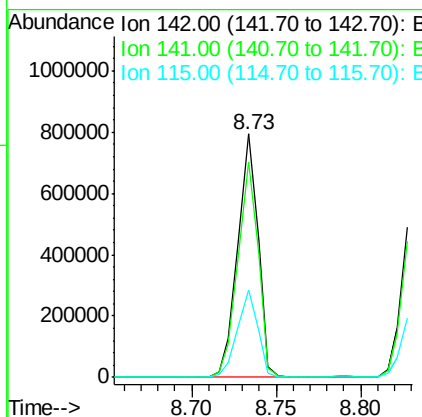
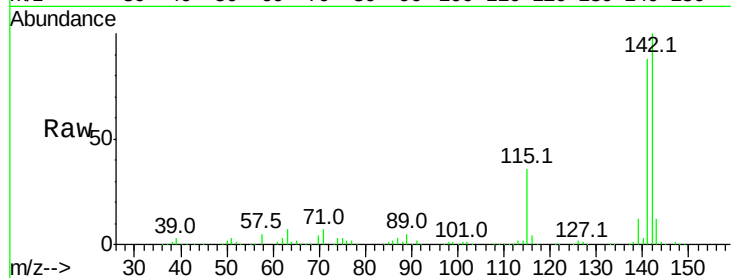




#37
 2-Methylnaphthalene
 Concen: 38.303 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

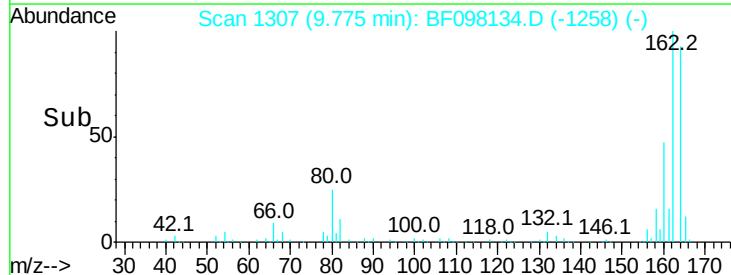
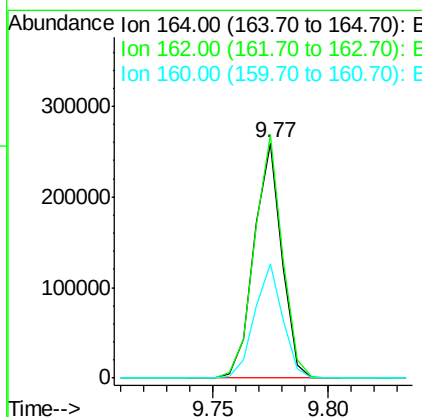
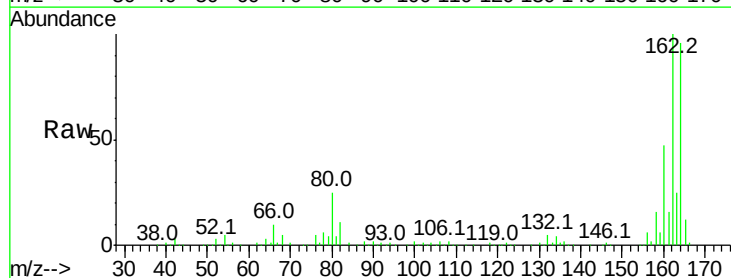
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

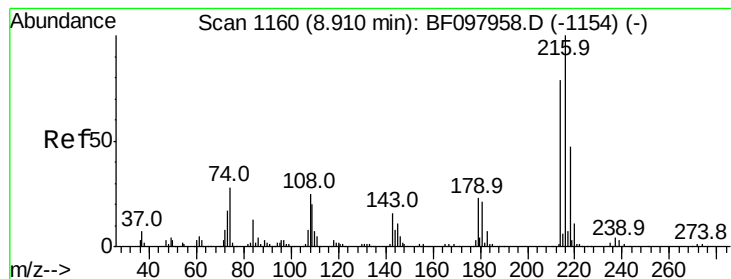
Tot Ion:142 Resp: 663953
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.3 106.9
 115 36.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion:164 Resp: 217644
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.6 123.8
 160 49.0 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.879 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 286409

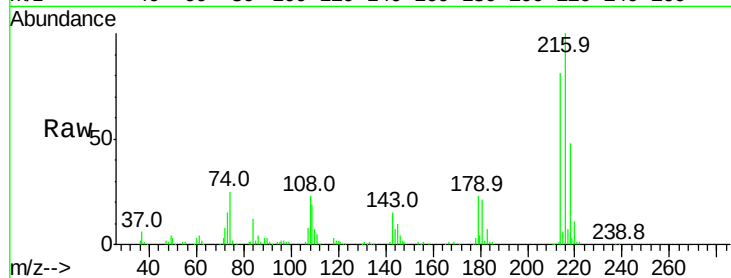
Ion Ratio Lower Upper

216 100

214 80.8 63.4 95.2

179 22.1 17.9 26.9

108 22.4 16.5 24.7

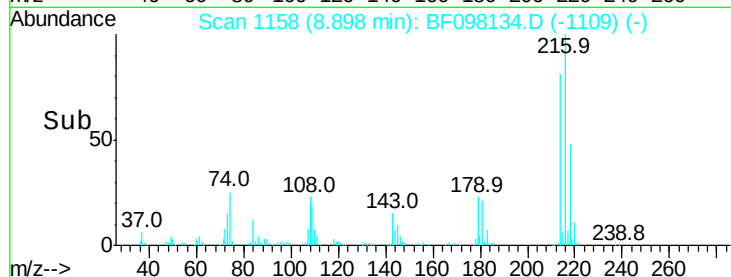


Abundance Ion 216.00 (215.70 to 216.70): E

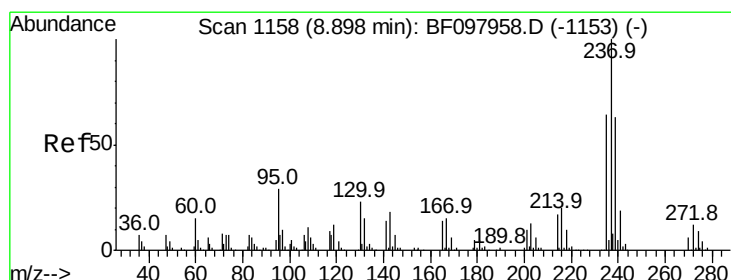
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 9.714 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

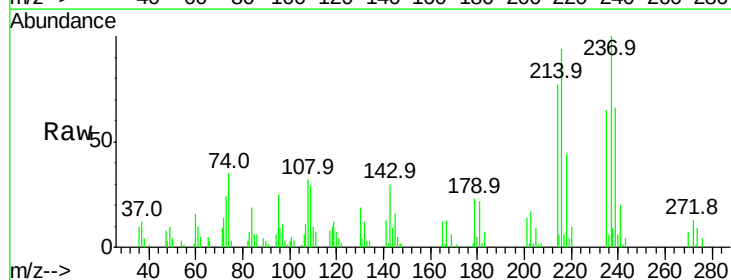
Tgt Ion:237 Resp: 31171

Ion Ratio Lower Upper

237 100

235 64.7 42.6 82.6

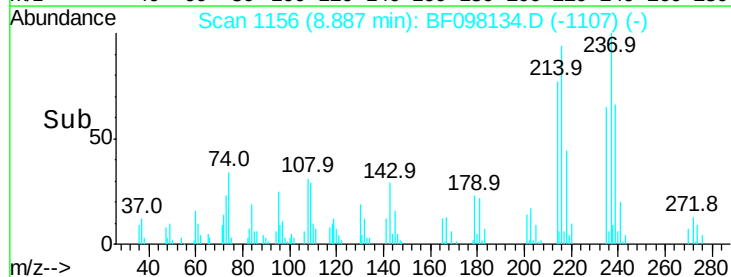
272 12.9 0.0 31.9



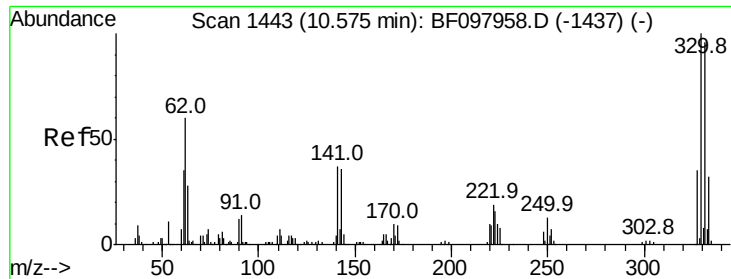
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



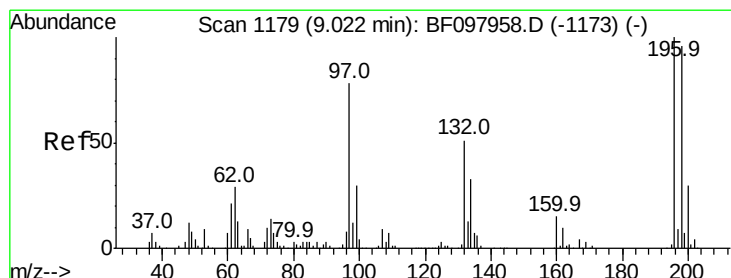
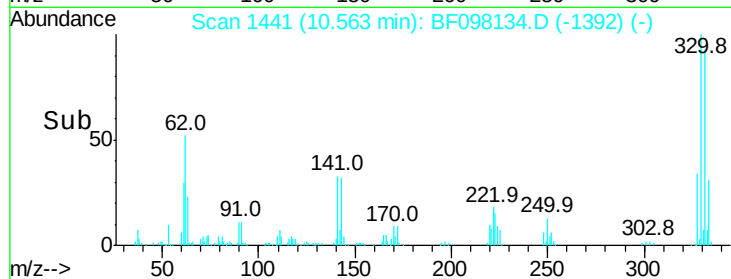
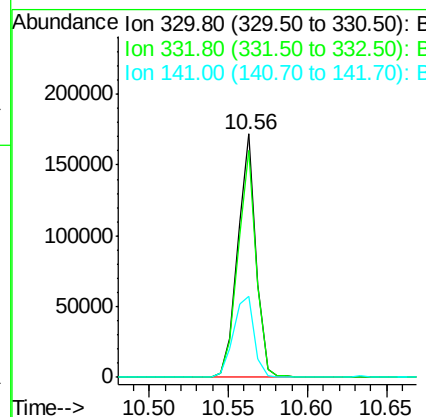
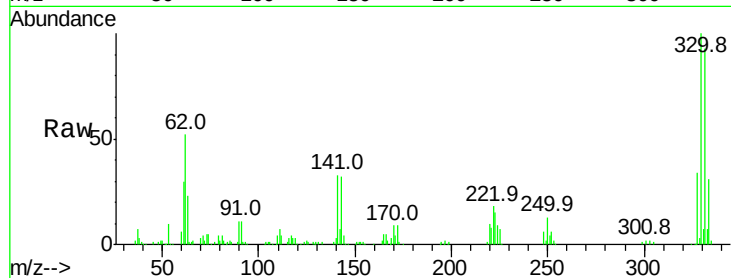
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 72.721 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

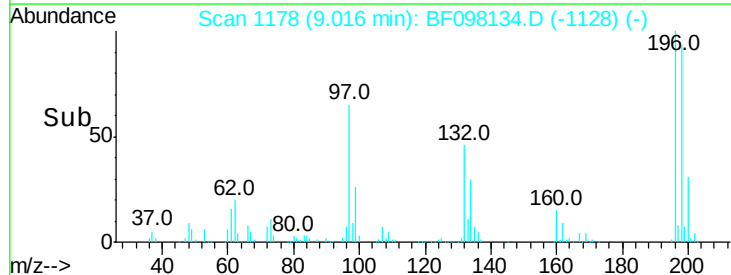
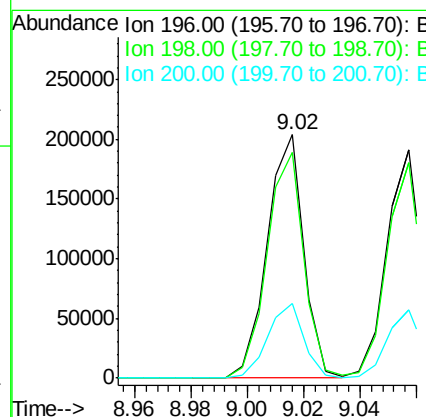
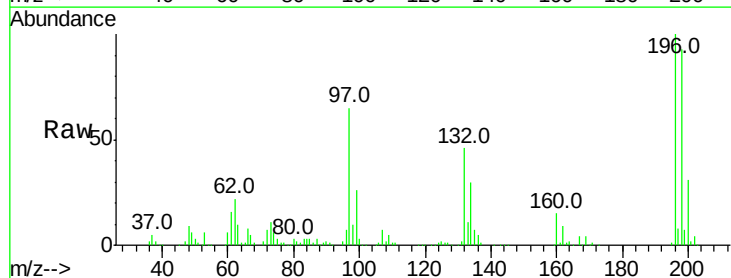
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

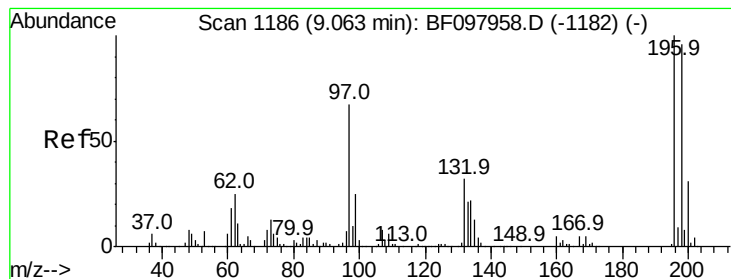
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	76.6	115.0
141	38.3	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.715 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.2	111.4
200	30.7	24.0	36.0





#43

2,4,5-Trichlorophenol

Concen: 38.933 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 173206

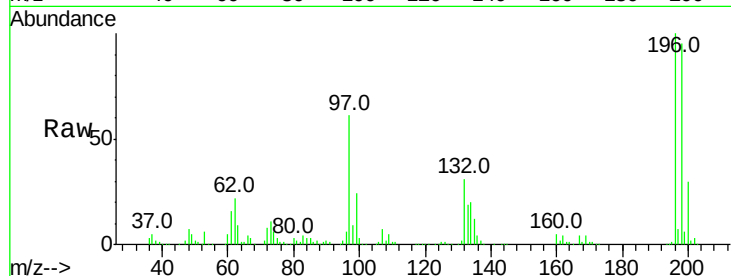
Ion Ratio Lower Upper

196 100

198 94.7 75.7 113.5

97 61.1 47.7 71.5

132 31.1 28.0 42.0

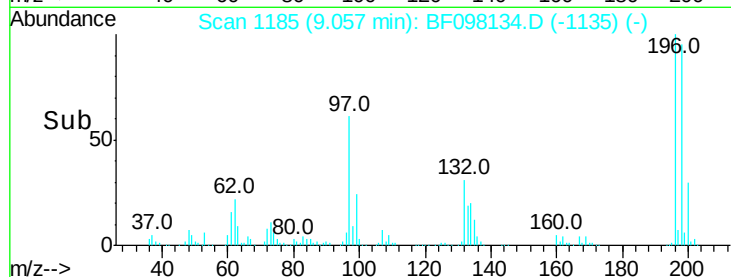


Abundance Ion 196.00 (195.70 to 196.70): E

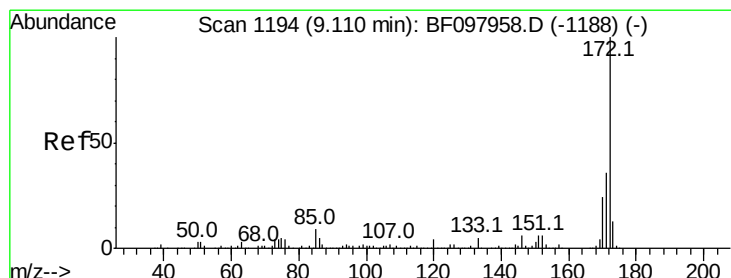
Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



Time-->



#44

2-Fluorobiphenyl

Concen: 82.885 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

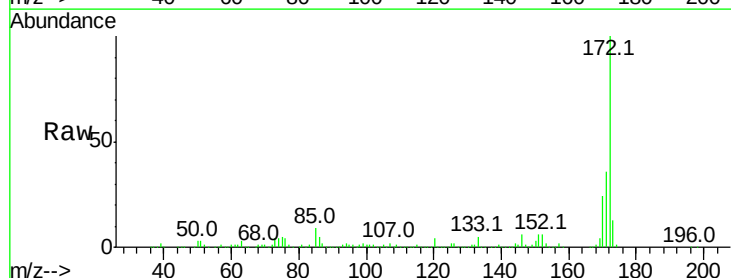
Tgt Ion:172 Resp: 1227834

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

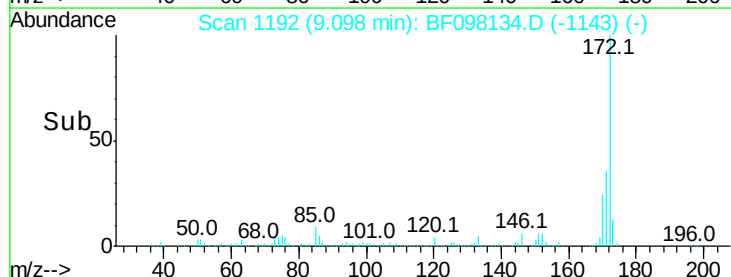
170 24.5 19.8 29.8



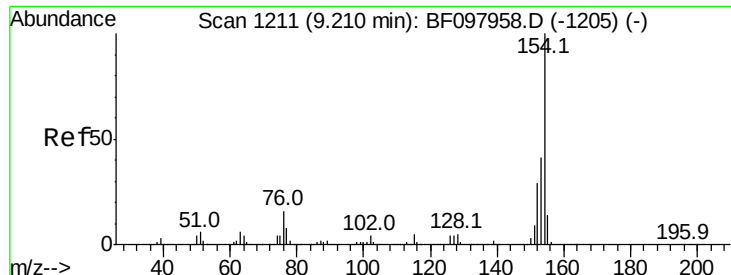
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



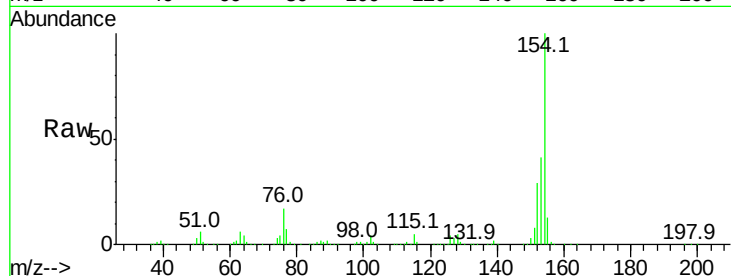
Time-->



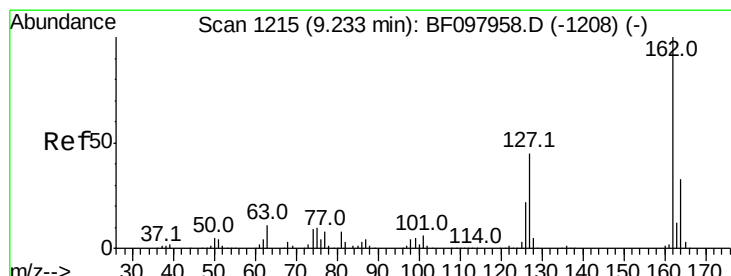
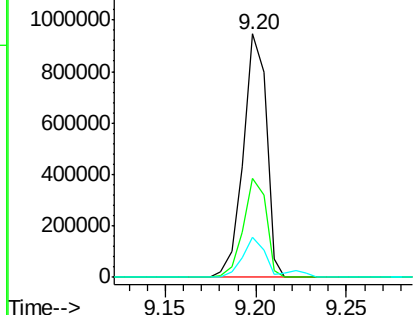
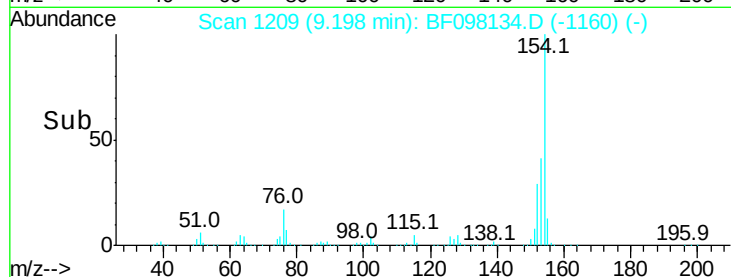
#45
 1,1'-Biphenyl
 Concen: 42.220 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	16.6	0.0	29.9

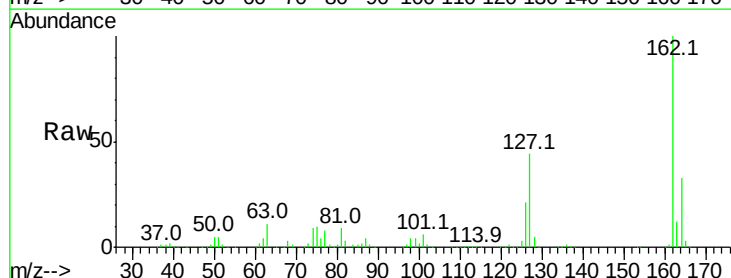


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

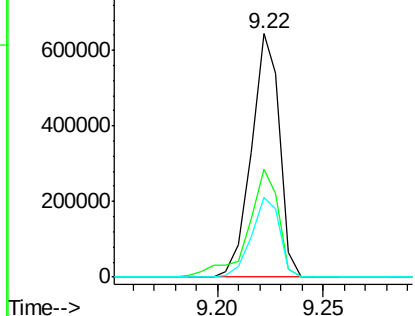
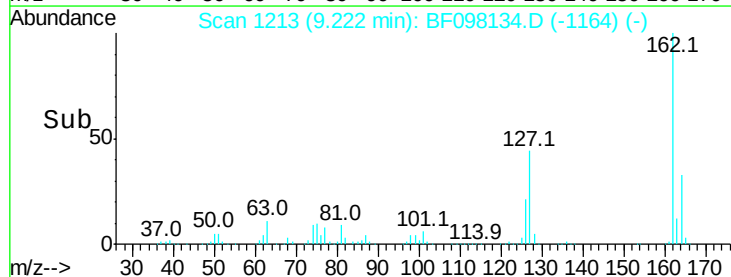


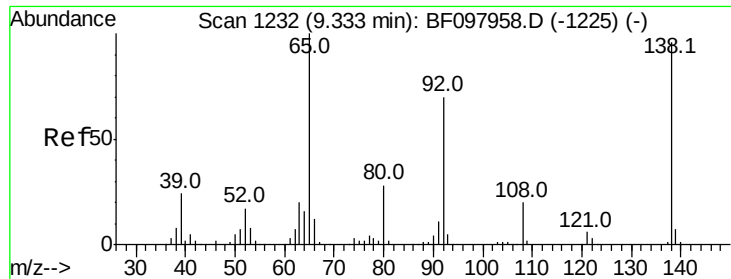
#46
 2-Chloronaphthalene
 Concen: 40.529 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.3	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

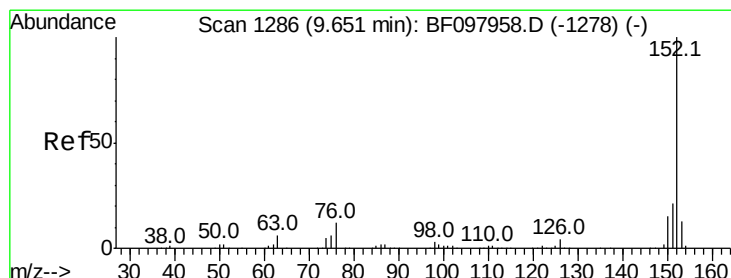
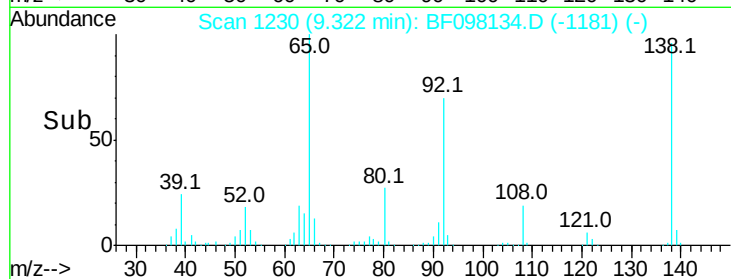
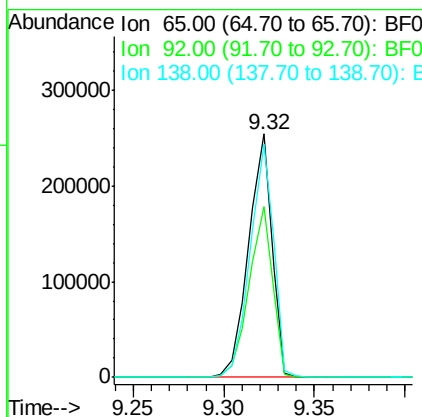
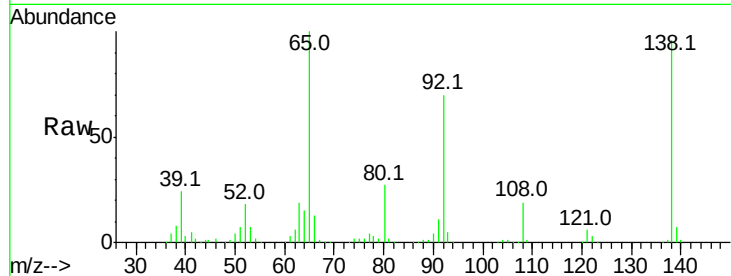




#47
 2-Nitroaniline
 Concen: 46.488 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

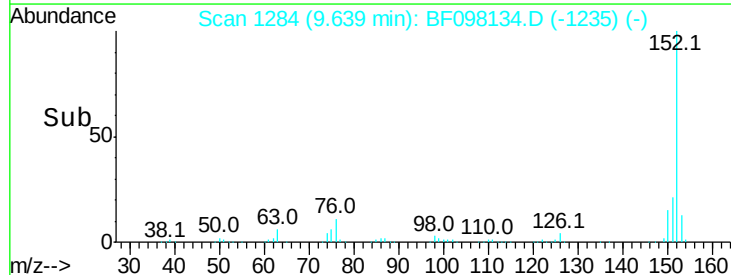
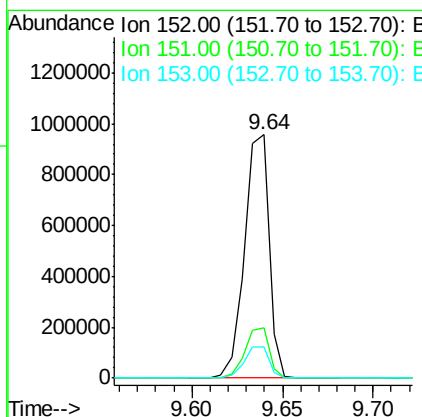
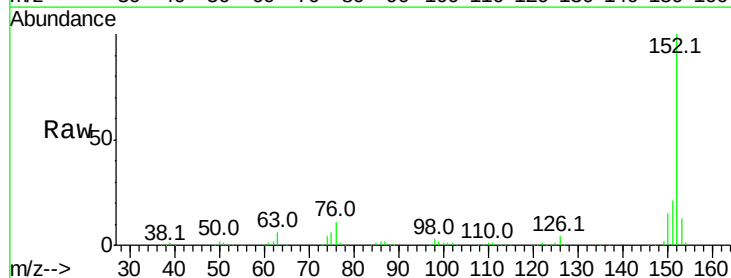
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

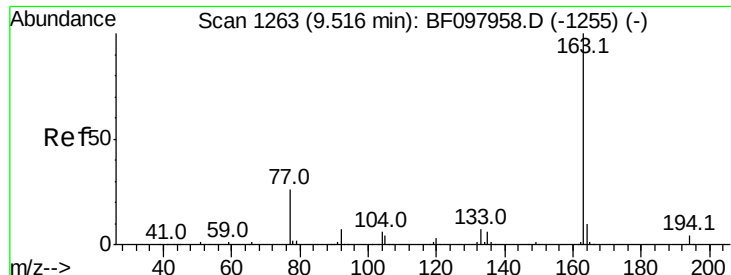
Tot Ion: 65 Resp: 228542
 Ion Ratio Lower Upper
 65 100
 92 70.2 53.9 80.9
 138 95.7 78.8 118.2



#48
 Acenaphthylene
 Concen: 38.946 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion:152 Resp: 896859
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 12.9 10.8 16.2

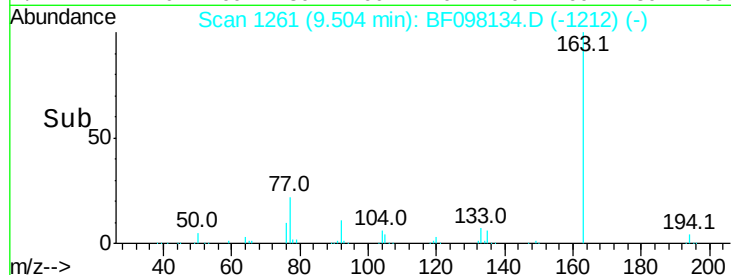
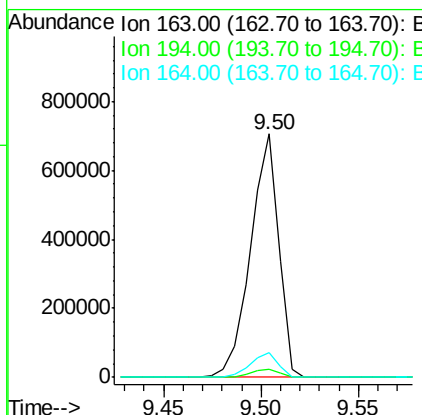
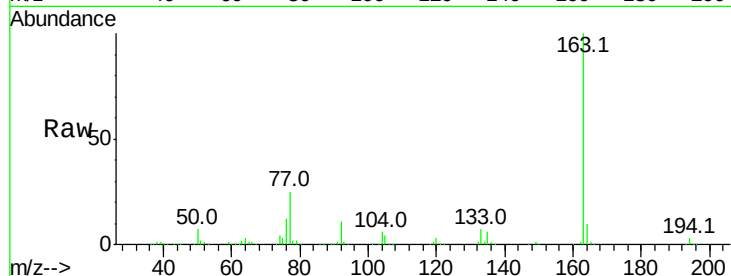




#49
Dimethylphthalate
Concen: 44.315 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

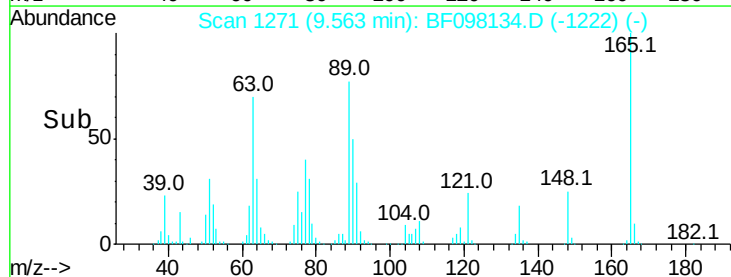
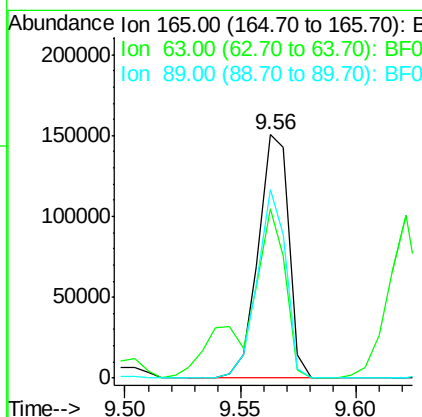
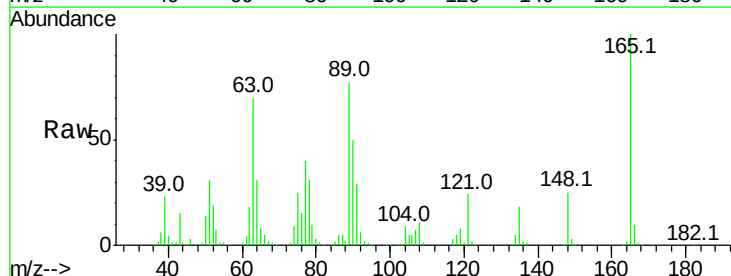
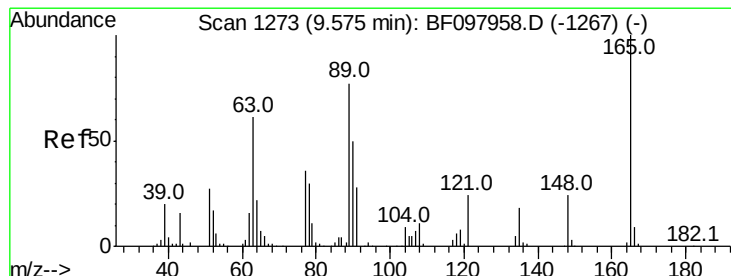
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

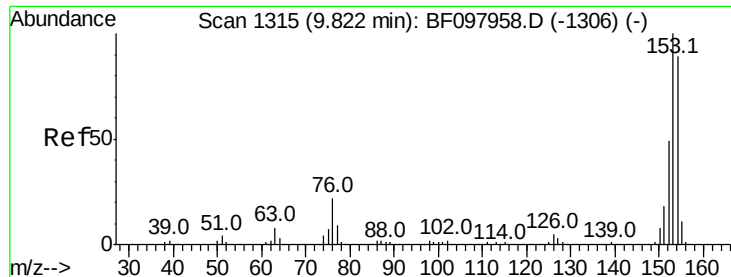
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 43.774 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.8	34.3	51.5#
89	77.4	37.1	55.7#





#51

Acenaphthene

Concen: 36.692 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

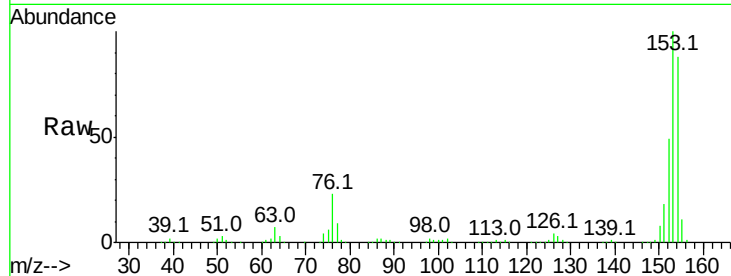
Tot Ion:154 Resp: 532907

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

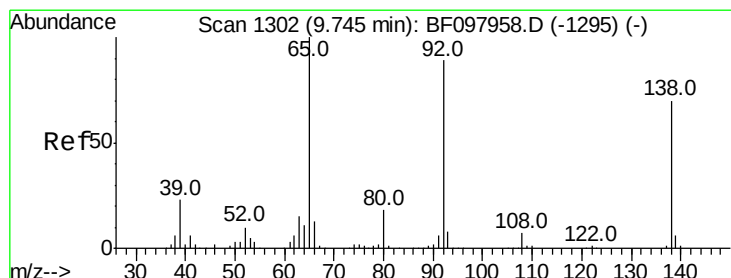
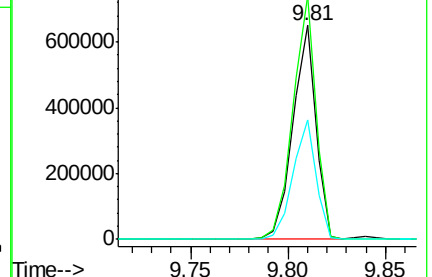
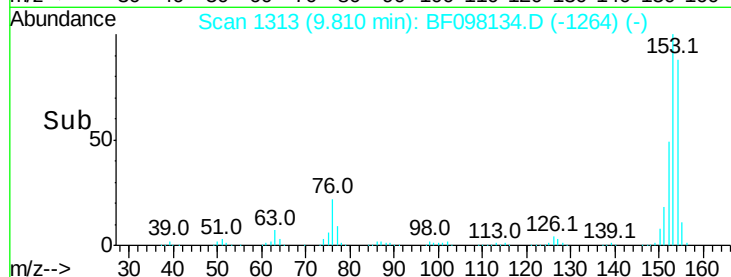
152 55.8 43.6 65.4



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: 43.103 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

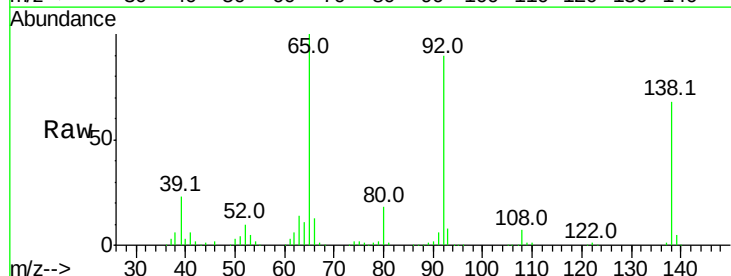
Tgt Ion:138 Resp: 176600

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

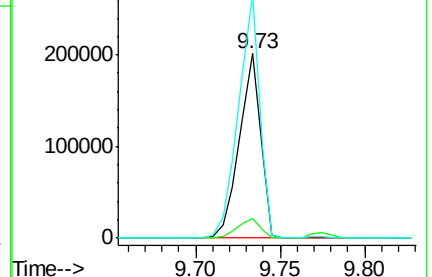
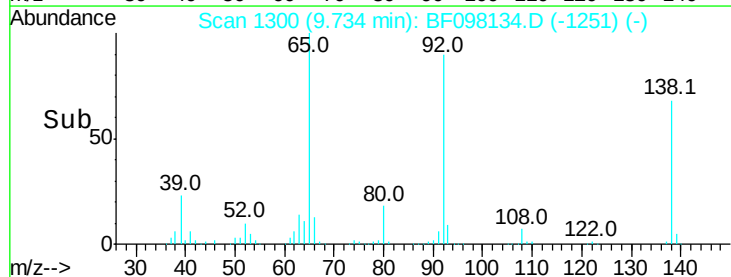
92 132.1 93.8 140.6

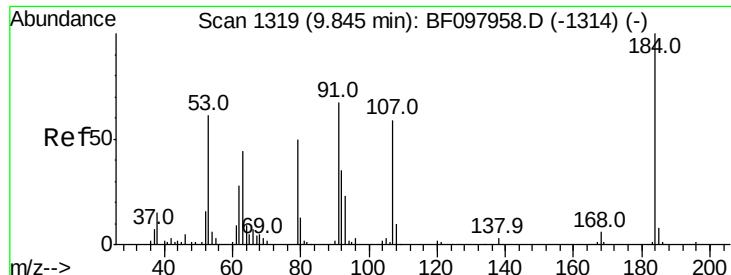


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

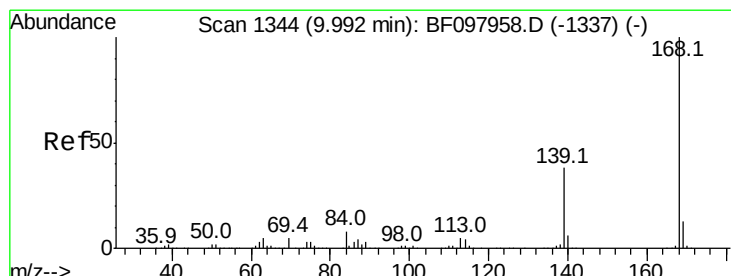
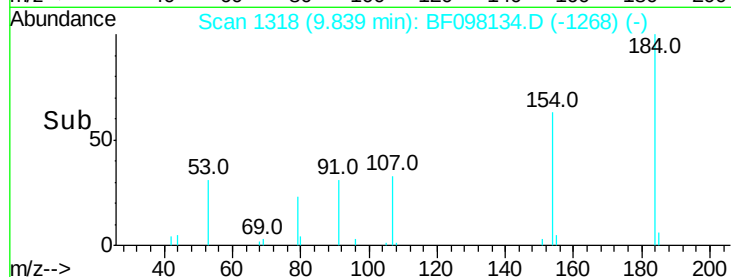
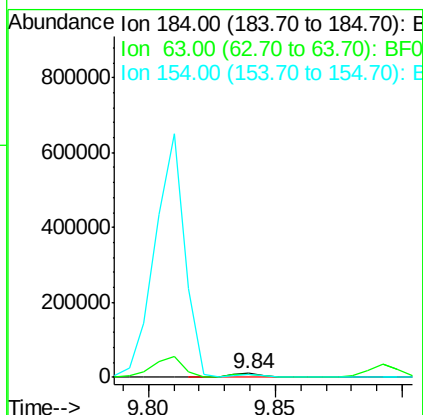
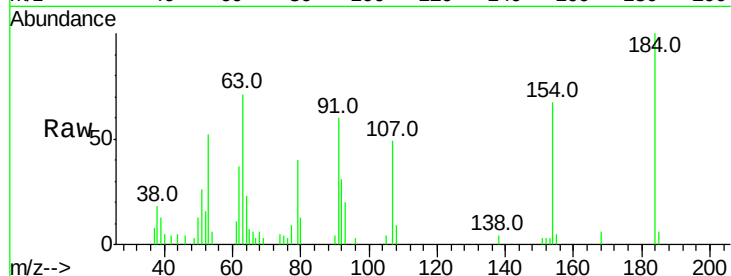




#53
 2,4-Dinitrophenol
 Concen: 15.954 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

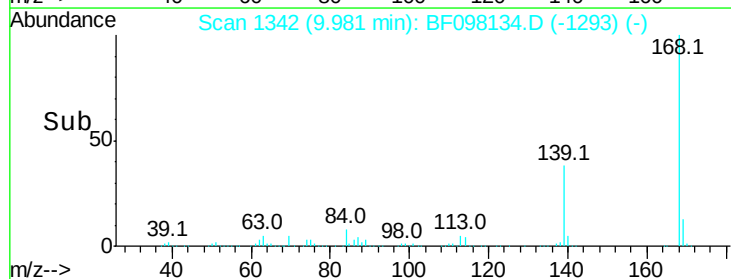
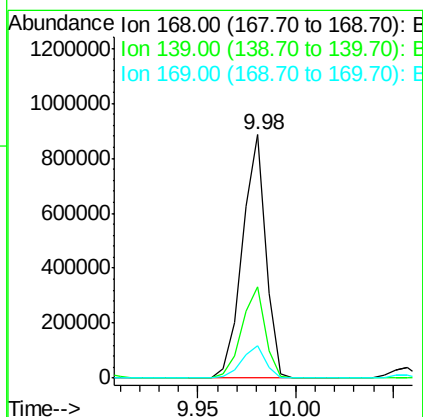
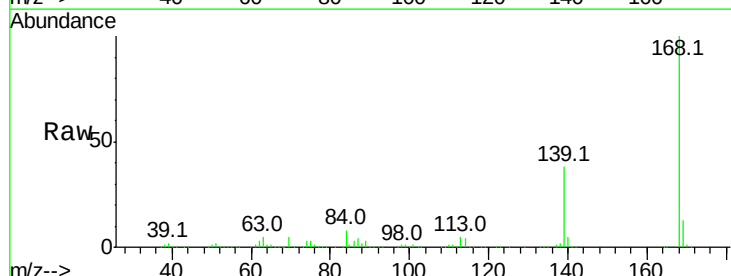
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

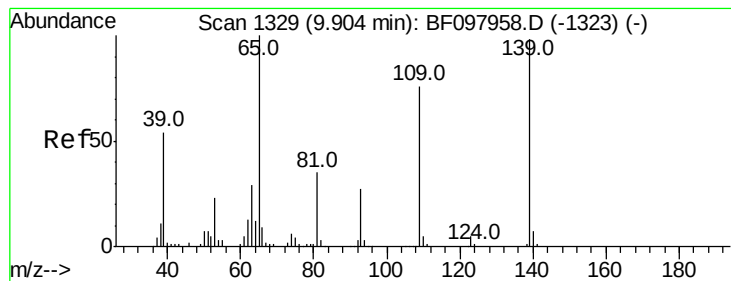
Tot Ion:184 Resp: 10055
 Ion Ratio Lower Upper
 184 100
 63 70.9 62.7 94.1
 154 67.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 37.723 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion:168 Resp: 734292
 Ion Ratio Lower Upper
 168 100
 139 37.8 30.6 45.8
 169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 30.167 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

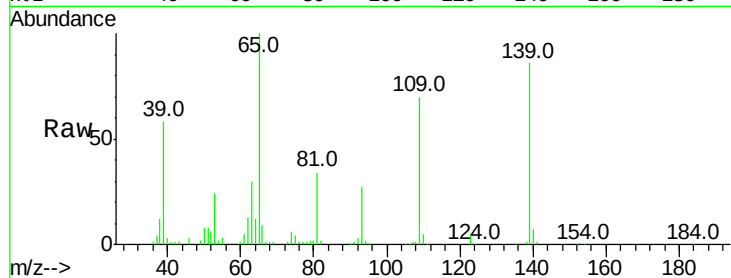
Tot Ion:139 Resp: 98598

Ion Ratio Lower Upper

139 100

109 81.4 34.1 74.1#

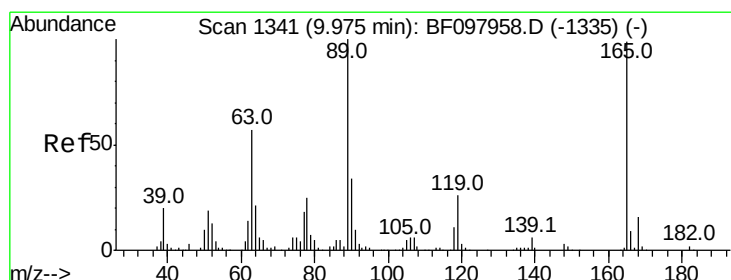
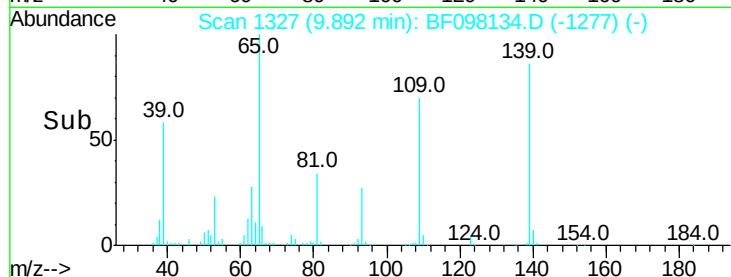
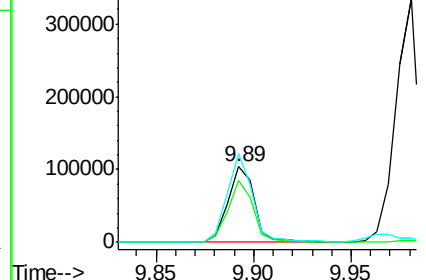
65 116.8 31.4 71.4#



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: 40.853 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Tgt Ion:165 Resp: 162809

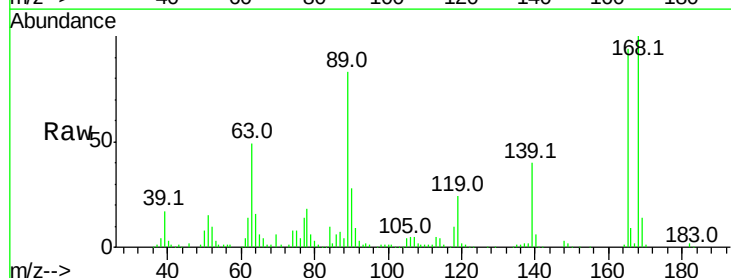
Ion Ratio Lower Upper

165 100

63 51.7 25.4 38.0#

89 88.2 46.4 69.6#

182 2.6 1.8 2.6

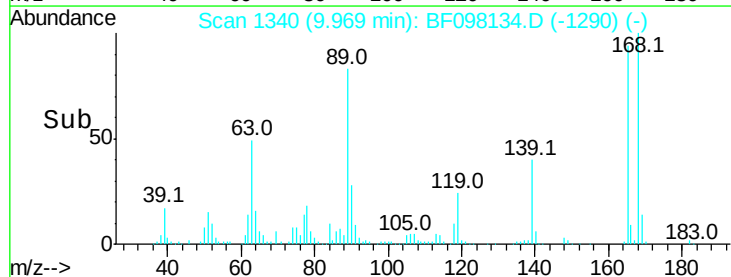
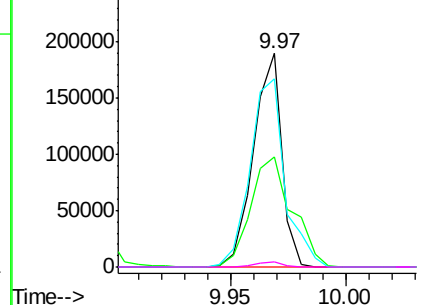


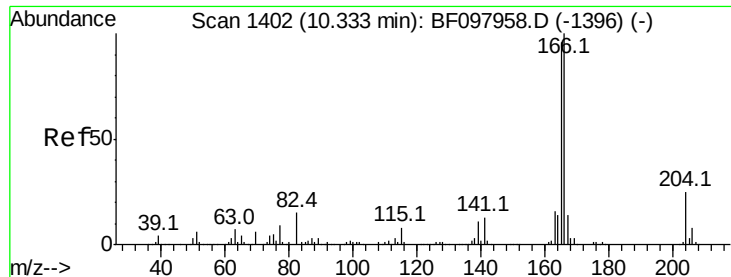
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.189 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

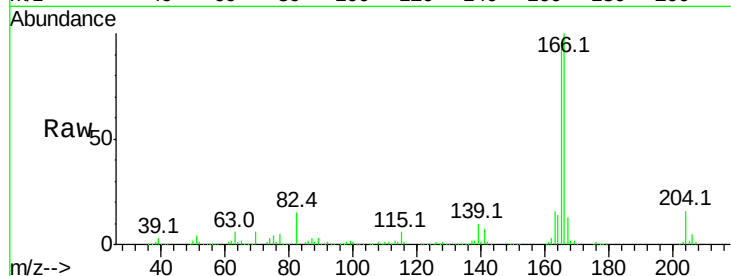
Tot Ion:166 Resp: 559678

Ion Ratio Lower Upper

166 100

165 95.6 78.8 118.2

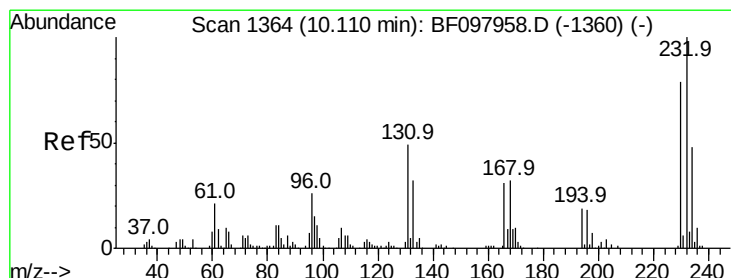
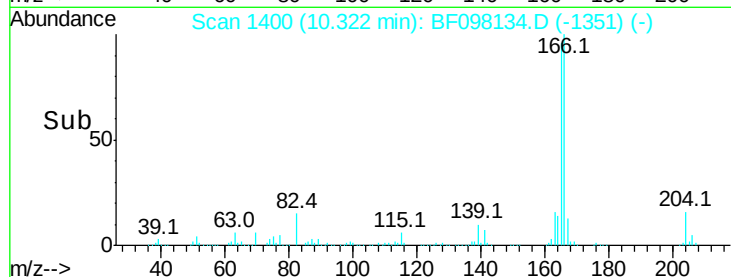
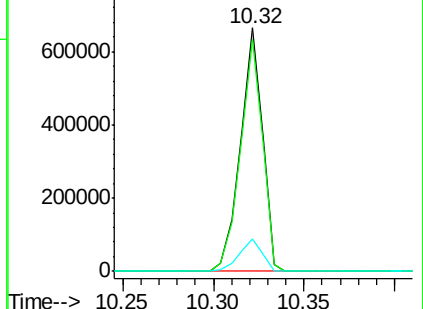
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.641 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Tgt Ion:232 Resp: 115875

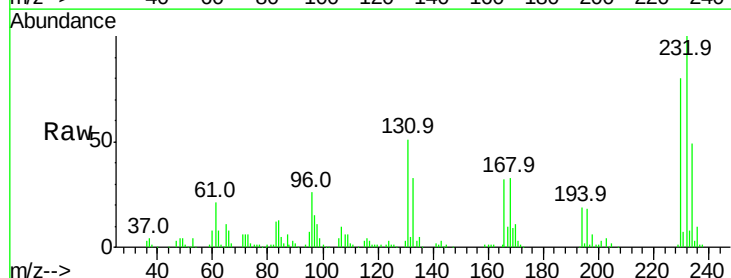
Ion Ratio Lower Upper

232 100

131 52.3 44.8 67.2

130 2.6 2.3 3.5

166 32.1 29.0 43.4

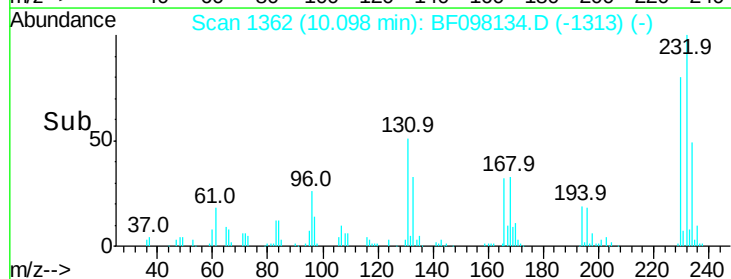
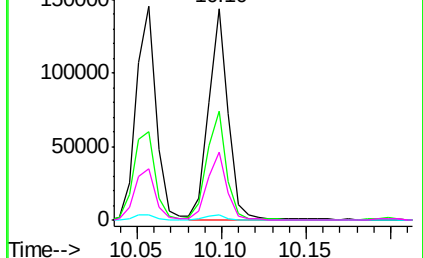


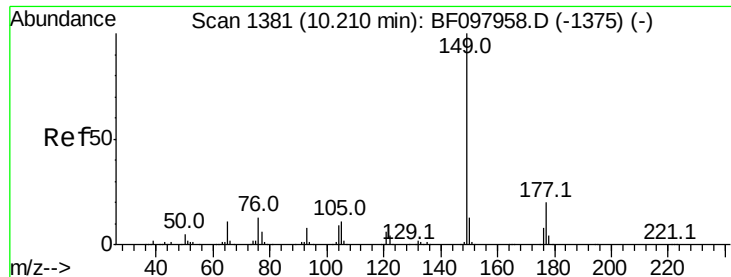
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

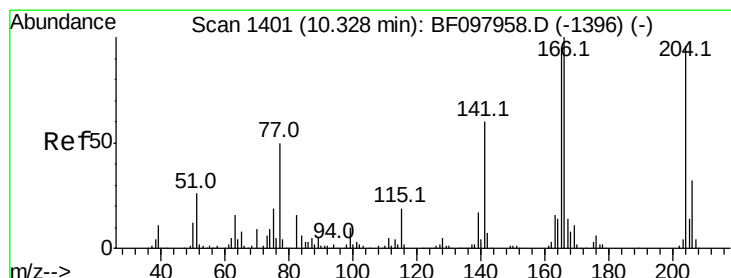
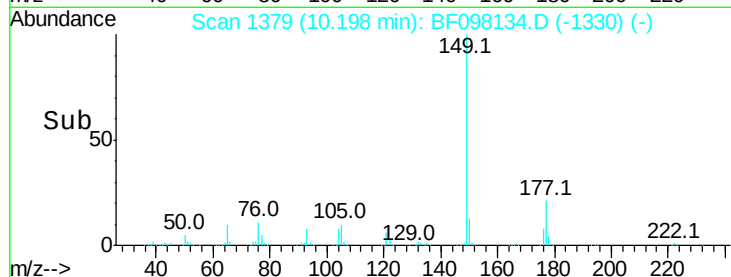
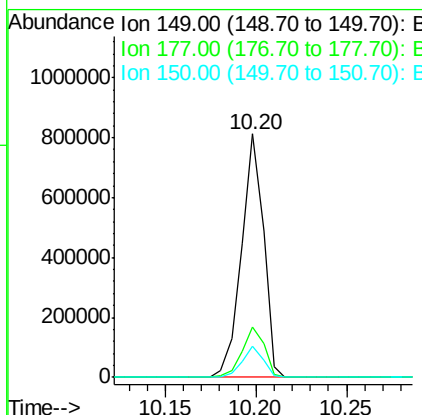
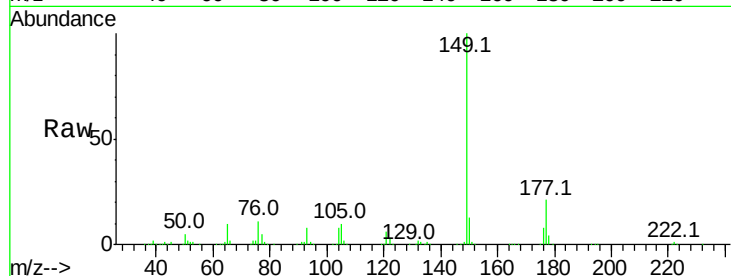




#59
Diethylphthalate
Concen: 41.085 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

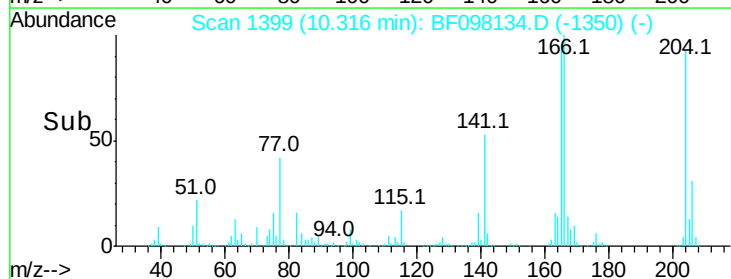
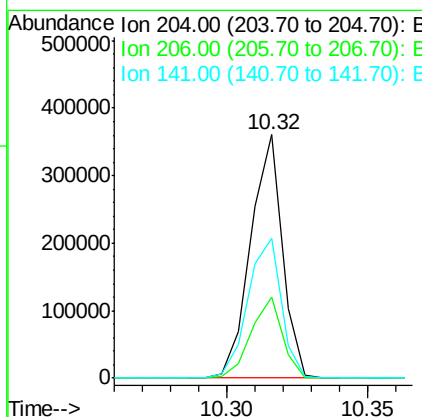
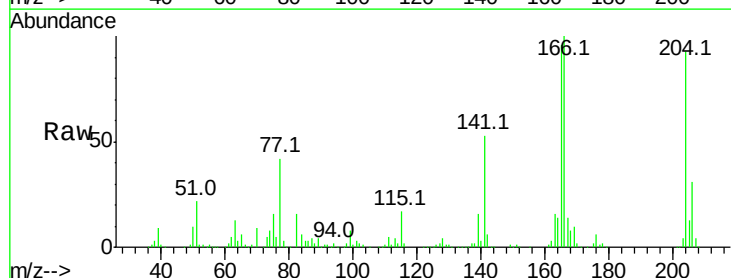
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

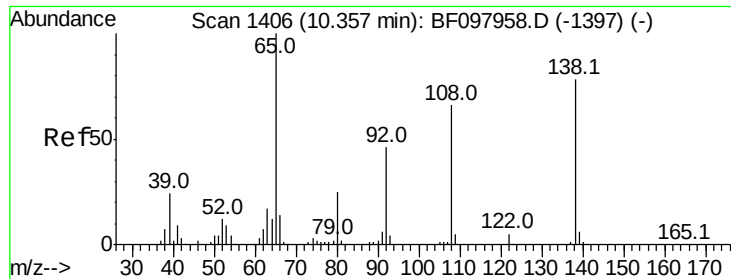
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.384 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	57.4	60.8	91.2#





#61

4-Nitroaniline

Concen: 40.595 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

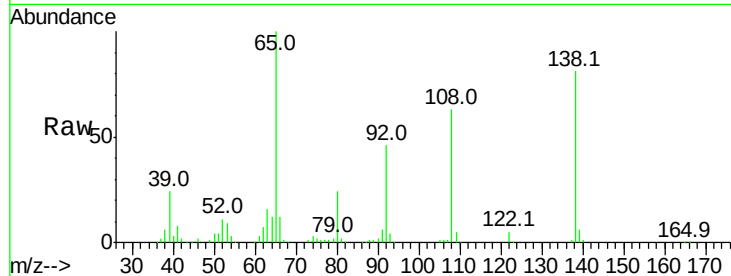
Tot Ion:138 Resp: 158078

Ion Ratio Lower Upper

138 100

92 56.9 21.8 61.8

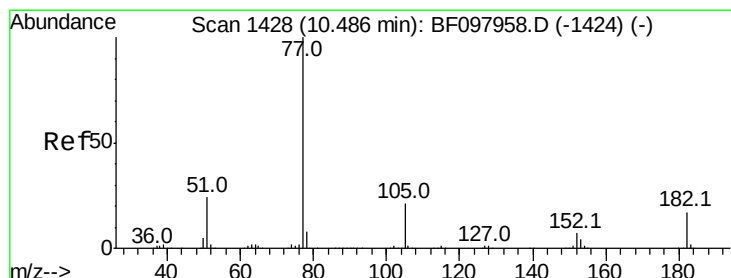
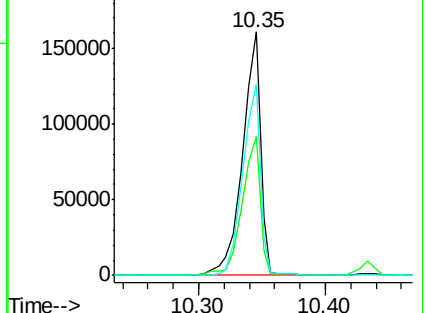
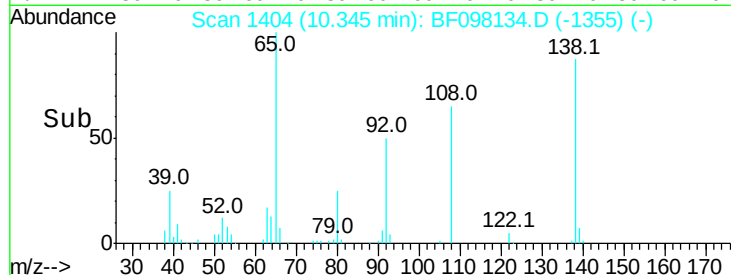
108 78.3 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.778 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Tgt Ion: 77 Resp: 707052

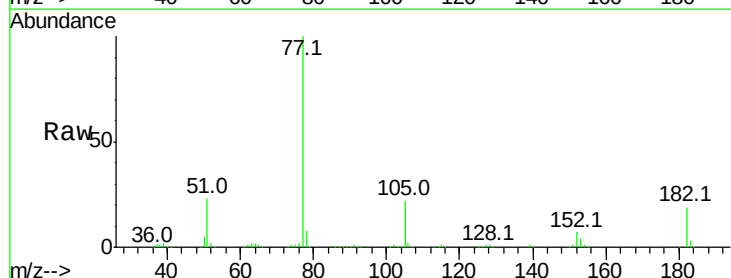
Ion Ratio Lower Upper

77 100

182 19.5 0.1 40.1

105 21.9 3.6 43.6

51 22.8 9.4 49.4

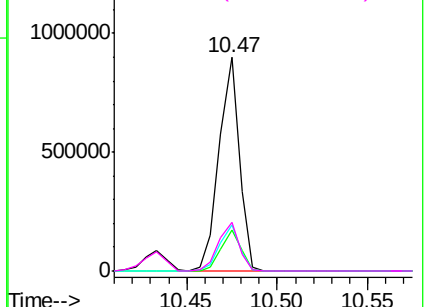
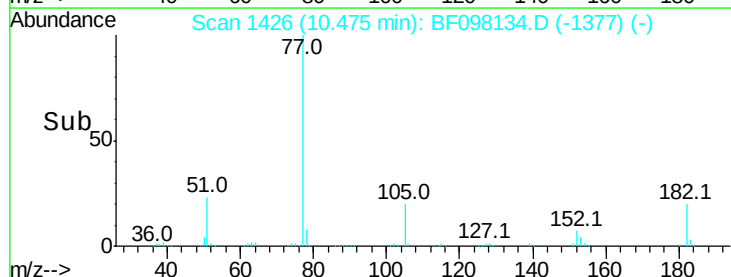


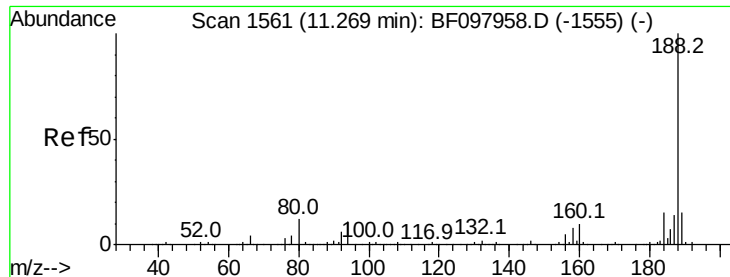
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

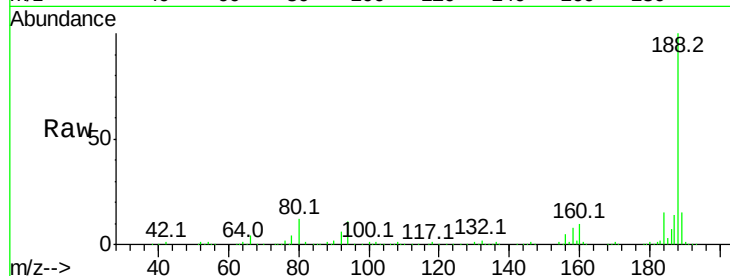
Tot Ion:188 Resp: 342343

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

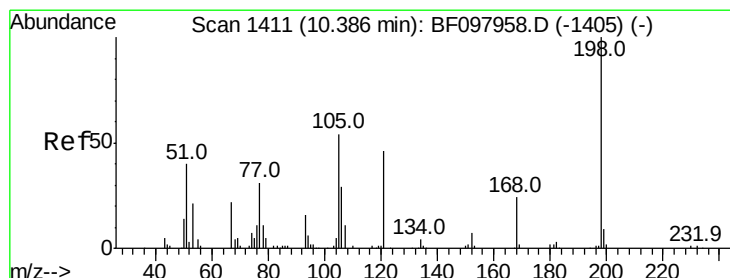
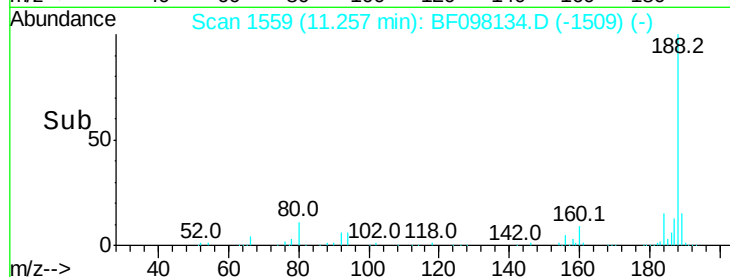
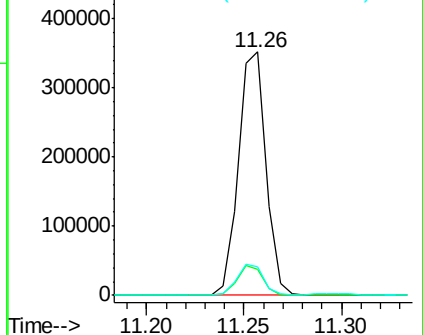
80 11.5 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 18.254 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

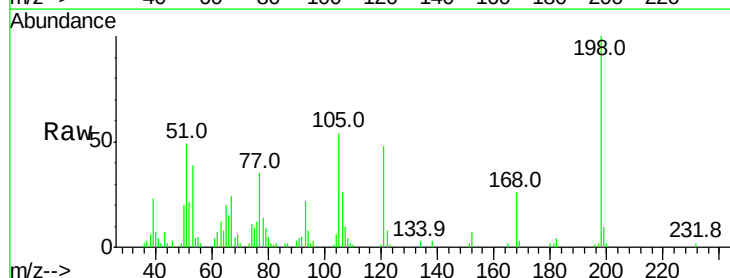
Tgt Ion:198 Resp: 19385

Ion Ratio Lower Upper

198 100

51 49.0 53.2 93.2#

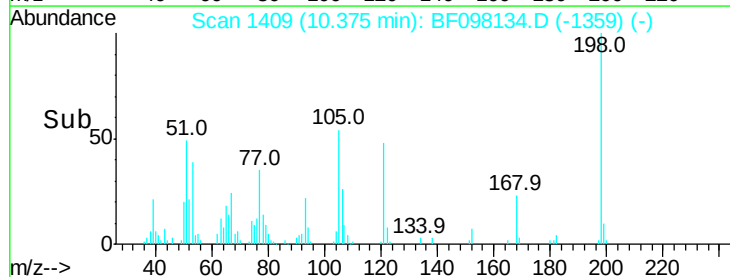
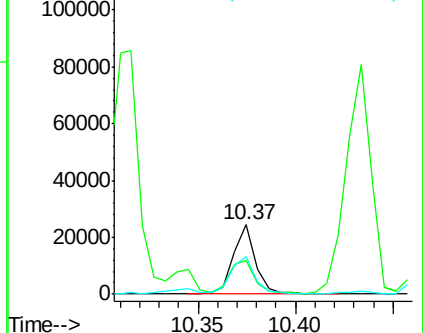
105 54.3 45.8 85.8

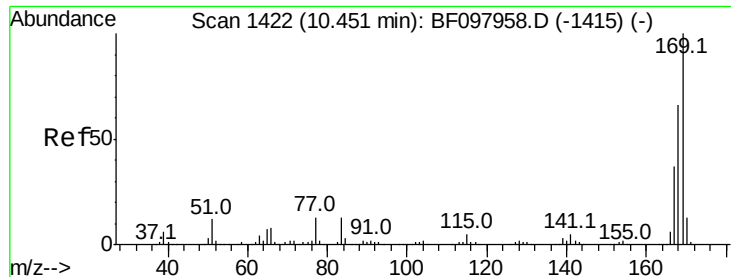


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

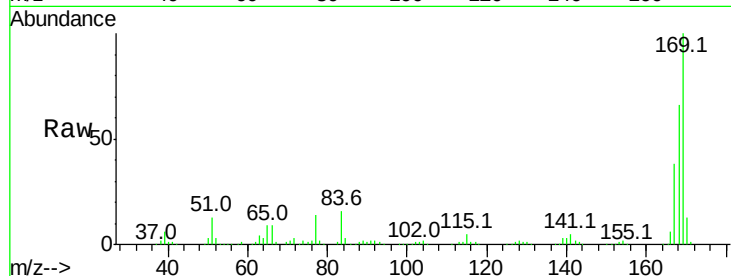




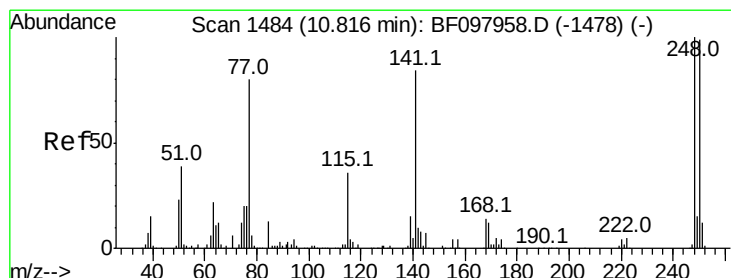
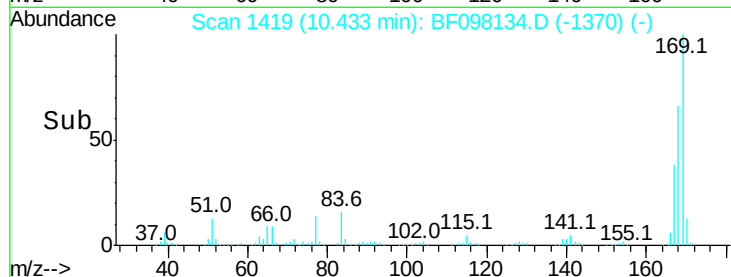
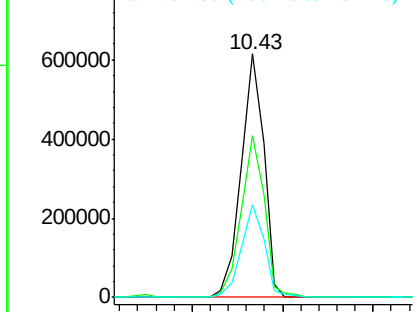
#65
 n-Nitrosodiphenylamine
 Concen: 45.952 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.2	79.8
167	37.9	29.5	44.3

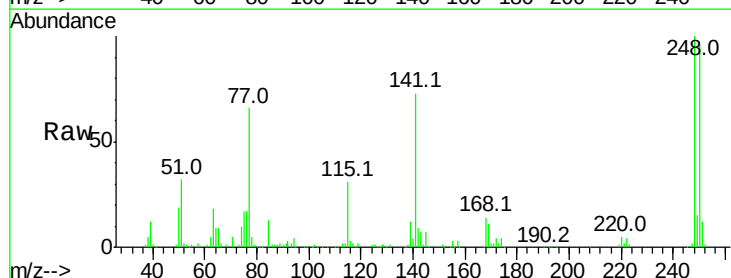


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

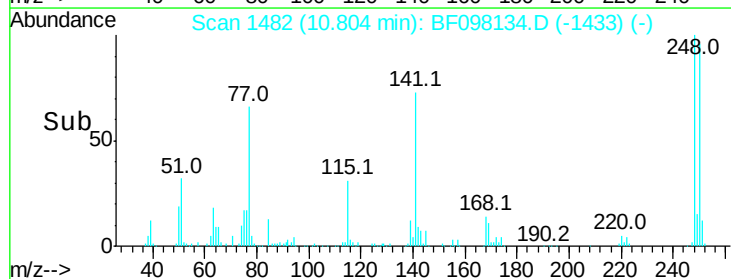
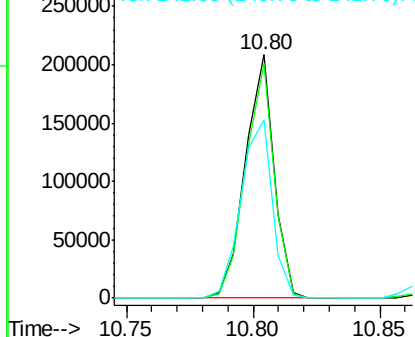


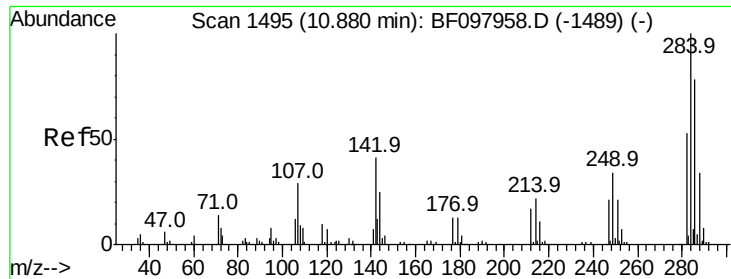
#66
 4-Bromophenyl-phenylether
 Concen: 46.337 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.8	115.2
141	73.1	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

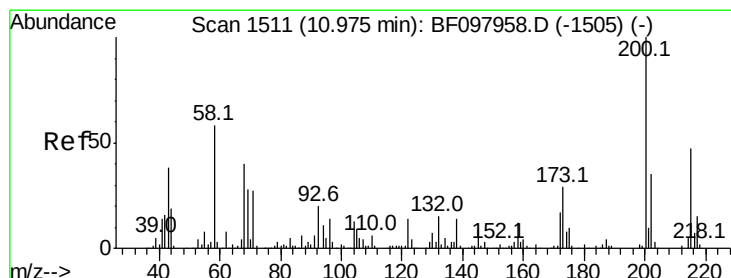
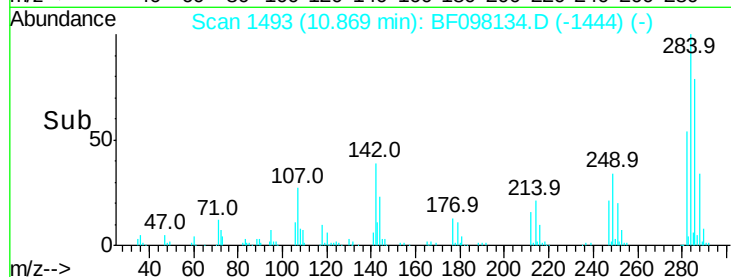
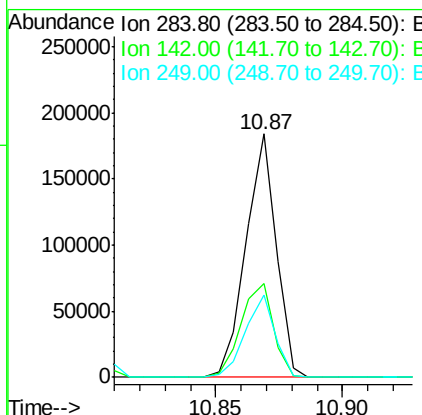
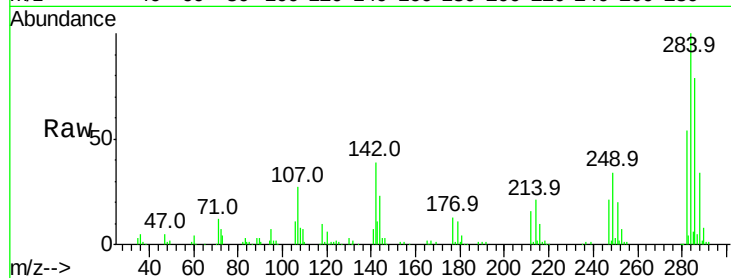




#67
Hexachlorobenzene
Concen: 42.258 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

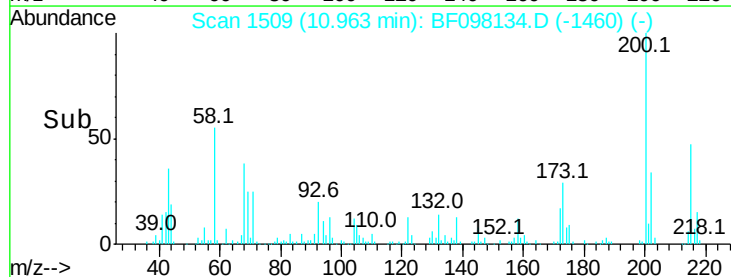
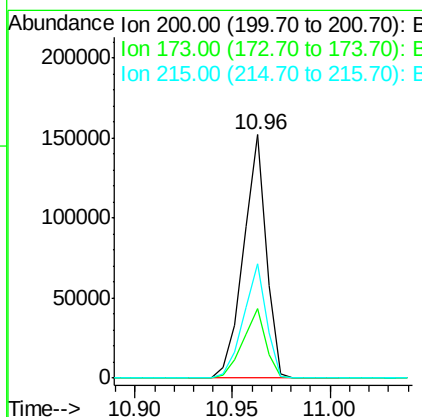
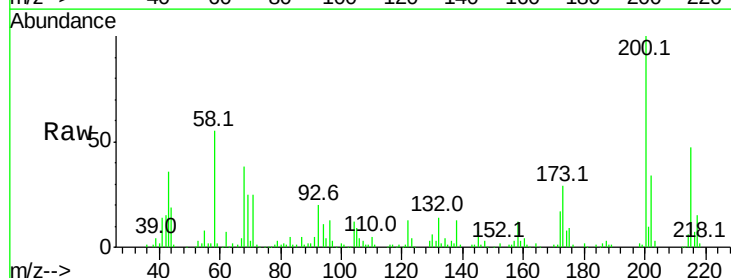
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

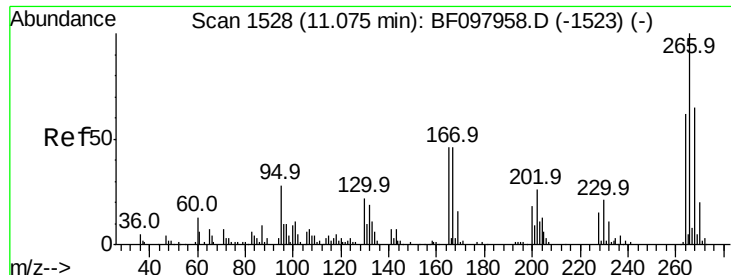
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.5	22.8	34.2#
249	33.6	24.0	36.0



#68
Atrazine
Concen: 39.773 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.6	6.3	46.3
215	47.1	27.2	67.2

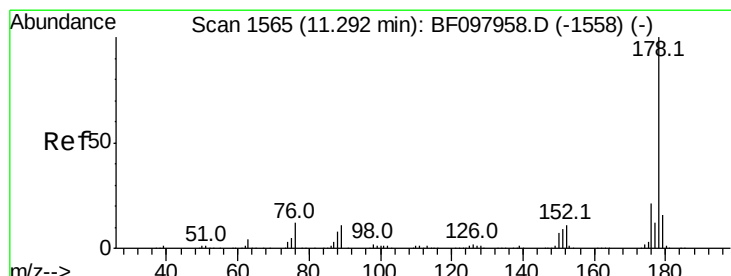
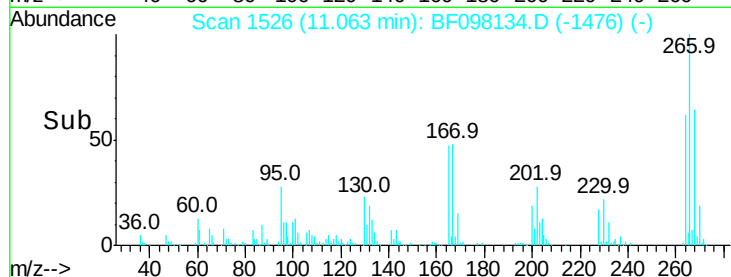
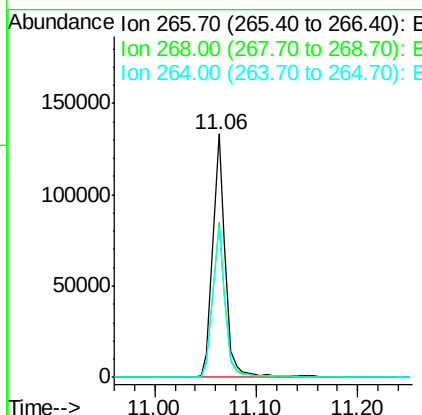
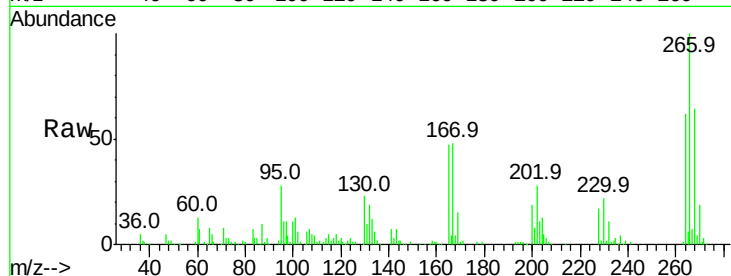




#69
 Pentachlorophenol
 Concen: 55.391 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

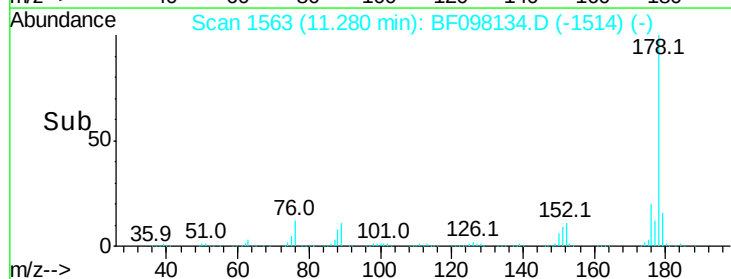
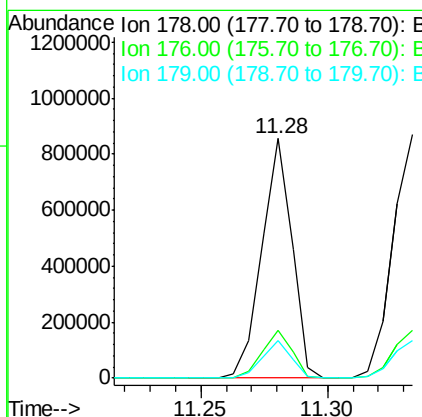
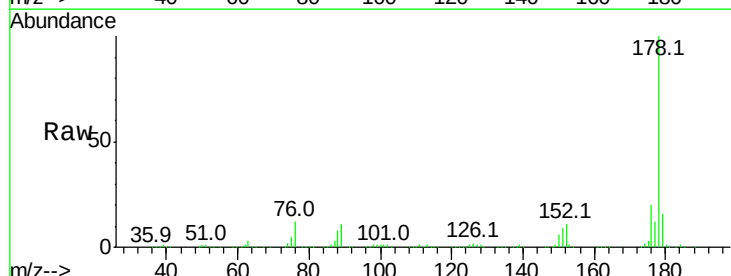
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

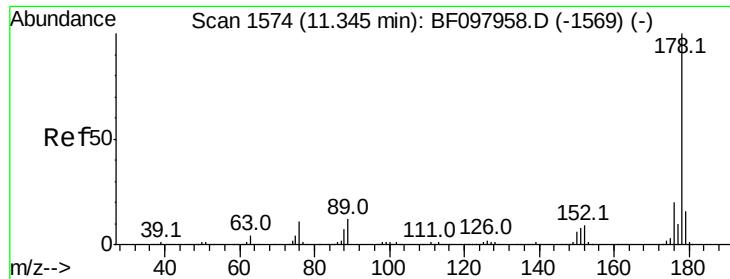
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	62.2	51.7	77.5



#70
 Phenanthrene
 Concen: 39.100 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.6	12.6	19.0

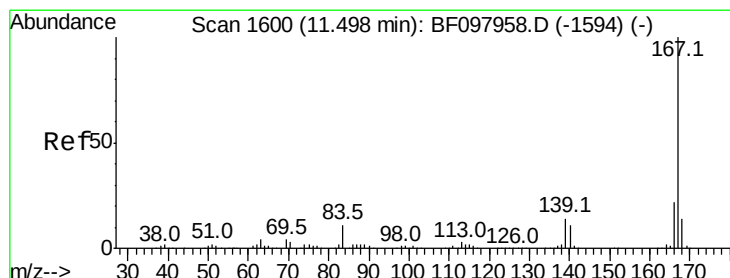
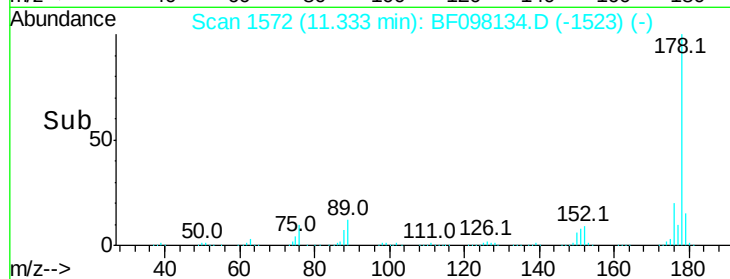
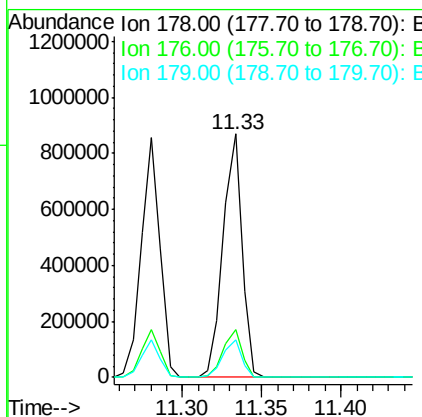
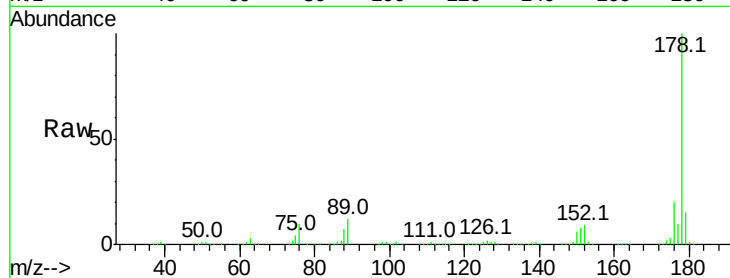




#71
 Anthracene
 Concen: 39.339 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

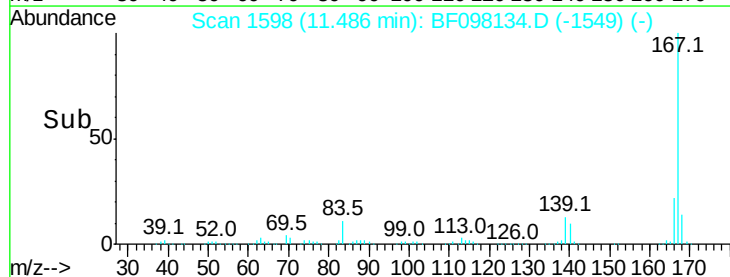
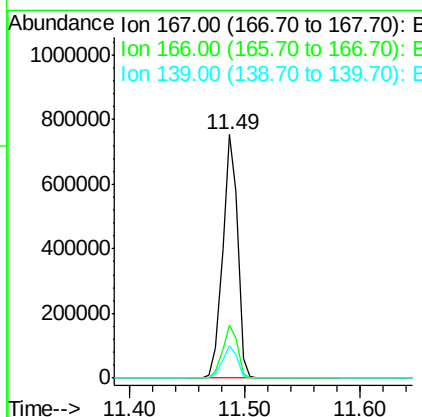
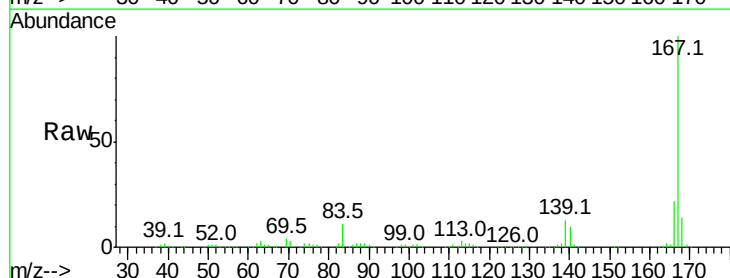
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

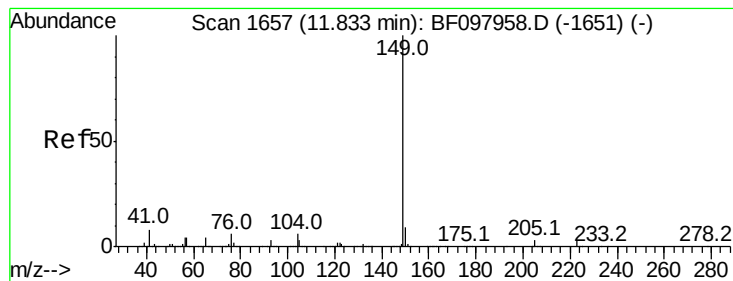
Tot Ion:178 Resp: 727889
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 38.399 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion:167 Resp: 674404
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 47.851 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

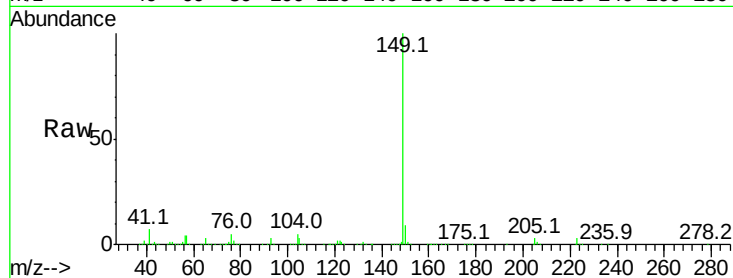
Tot Ion:149 Resp: 968030

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

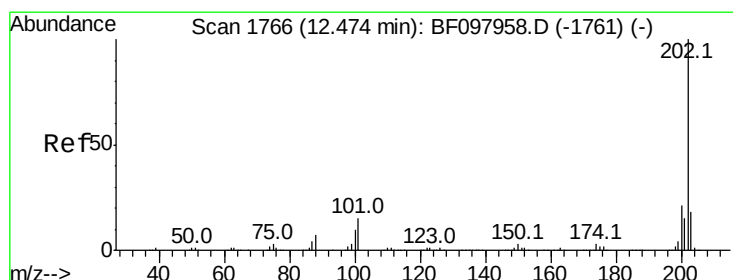
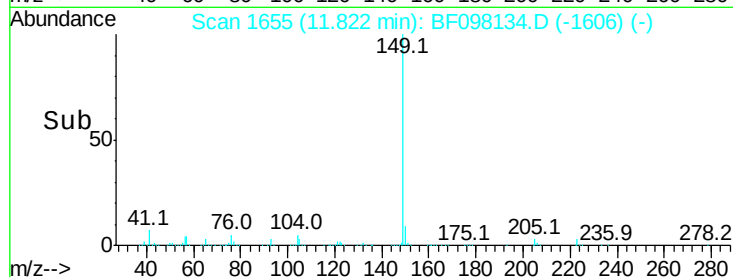
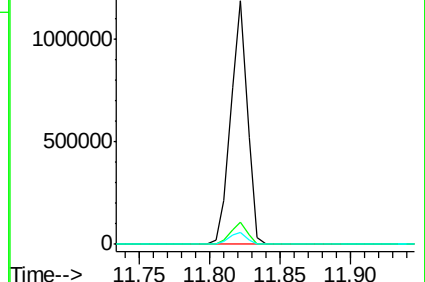
104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.009 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

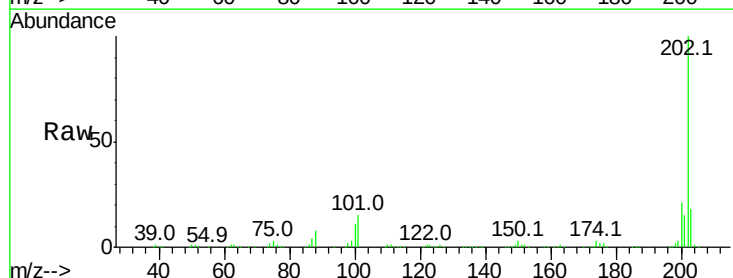
Tgt Ion:202 Resp: 723728

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.2

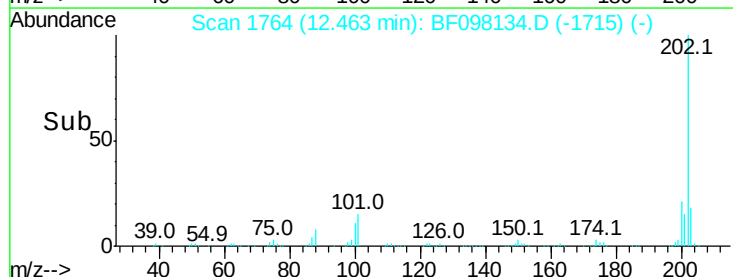
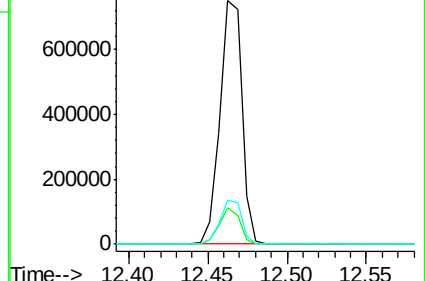
203 17.8 0.0 38.1

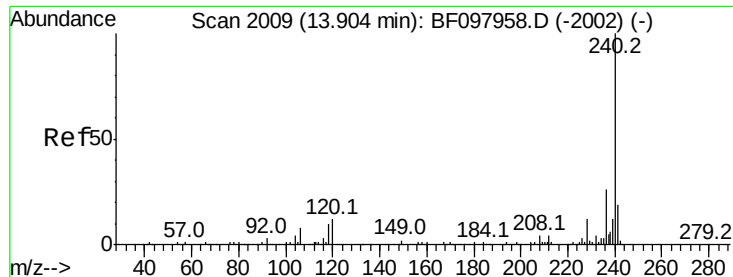


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

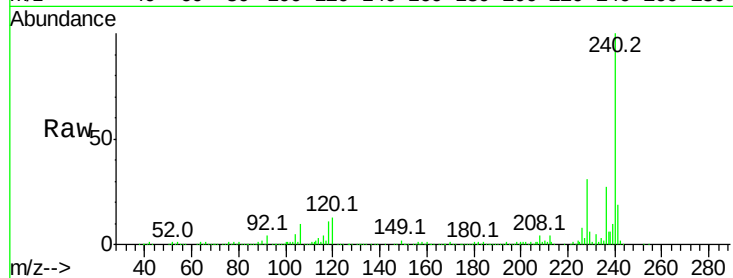
Tot Ion:240 Resp: 291570

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

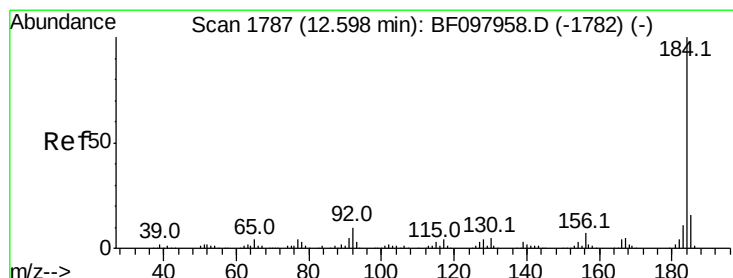
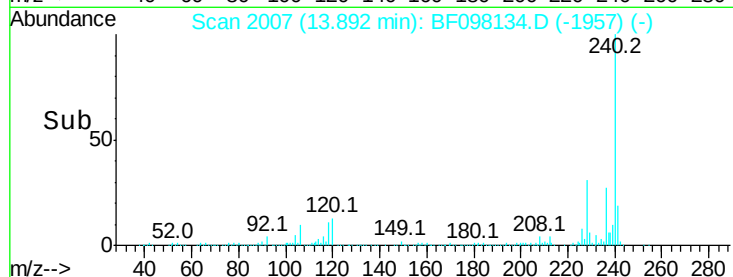
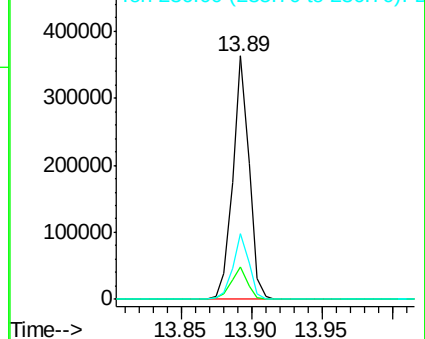
236 26.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.083 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

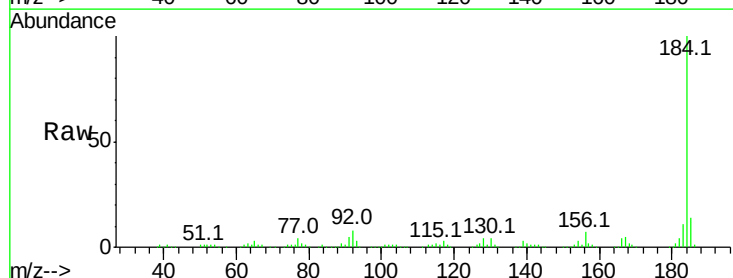
Tgt Ion:184 Resp: 335389

Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

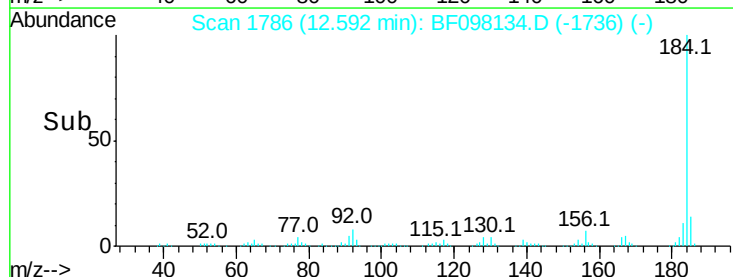
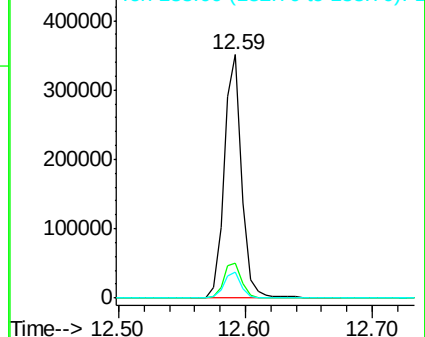
183 10.7 9.8 14.6

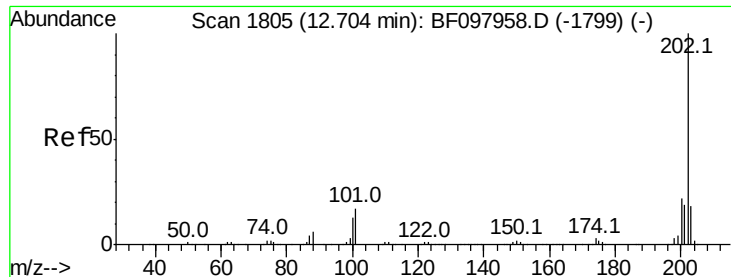


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

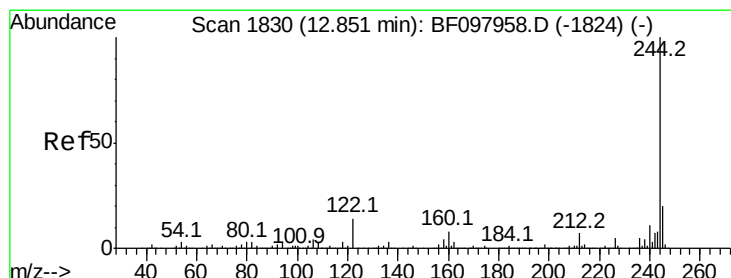
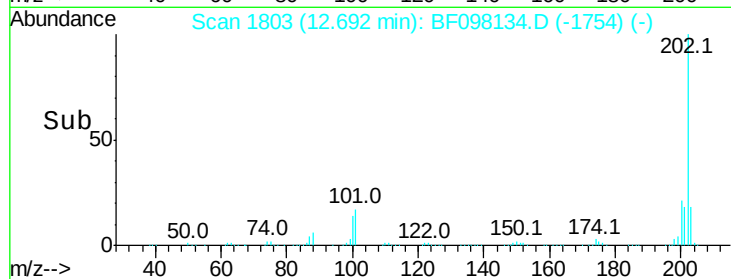
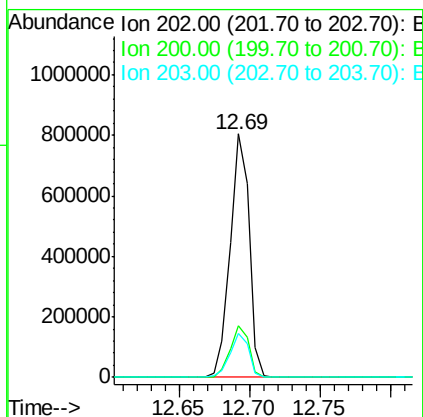
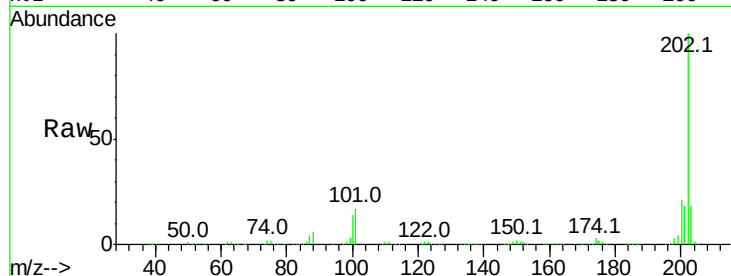




#77
Pvrene
Concen: 31.571 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

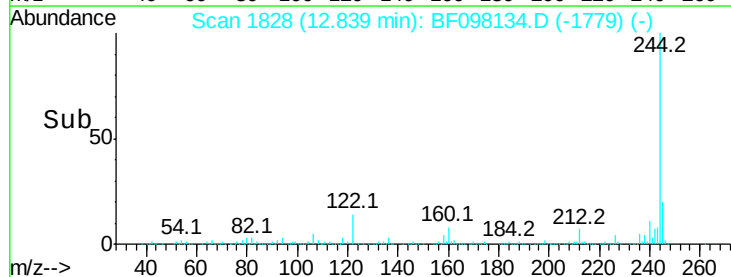
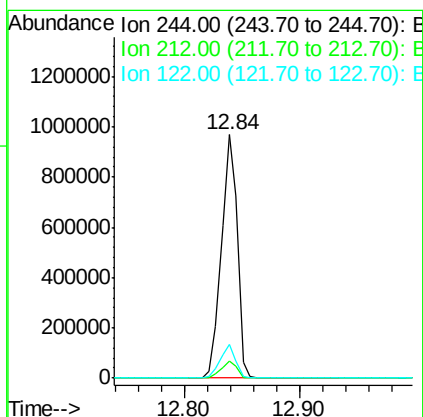
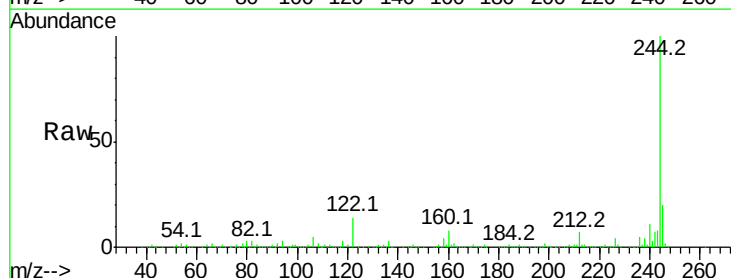
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

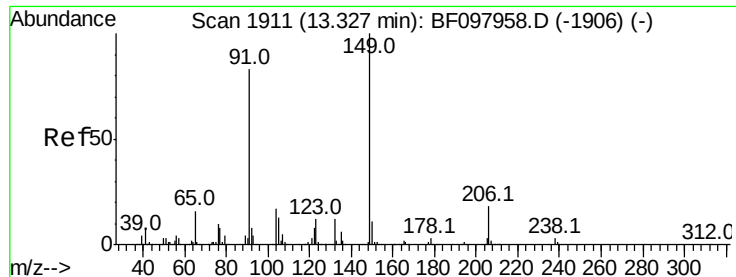
Tot Ion:202 Resp: 752880
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 18.1 14.4 21.6



#78
Terphenyl-d14
Concen: 66.030 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion:244 Resp: 923231
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.0 10.3 15.5





#79

Butylbenzylphthalate

Concen: 39.619 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

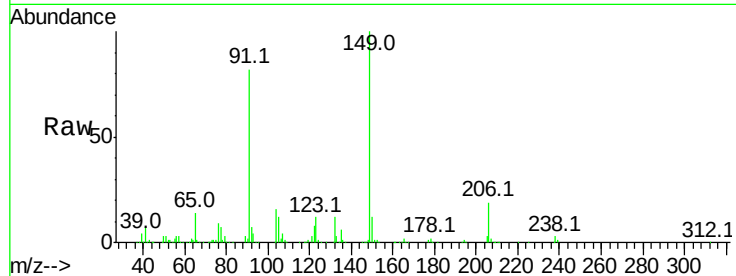
Tot Ion:149 Resp: 362236

Ion Ratio Lower Upper

149 100

91 82.1 45.0 67.4#

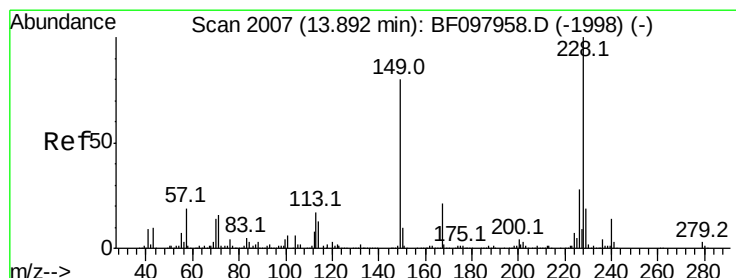
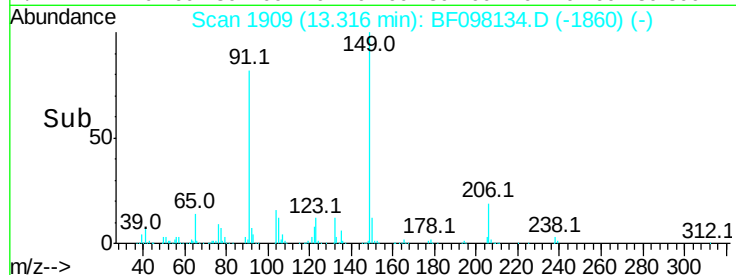
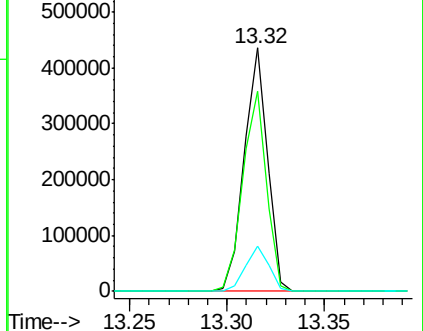
206 18.8 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.863 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

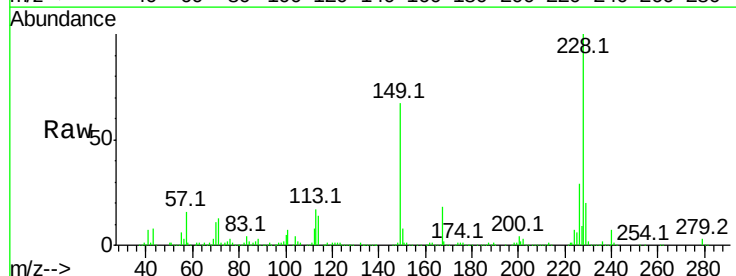
Tgt Ion:228 Resp: 644187

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

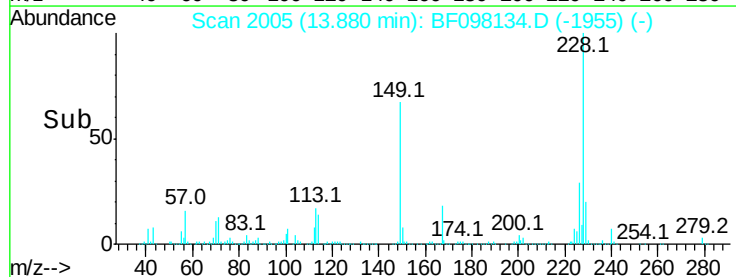
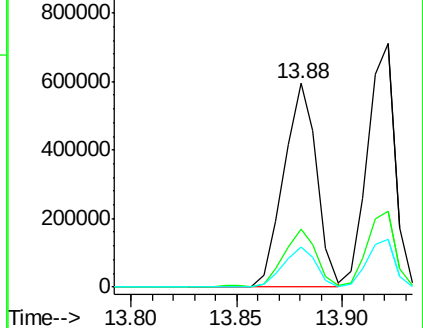
229 20.0 16.3 24.5

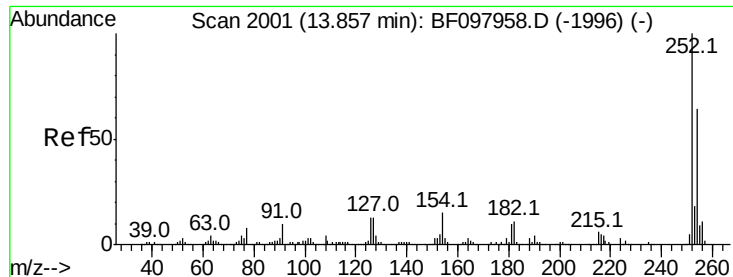


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

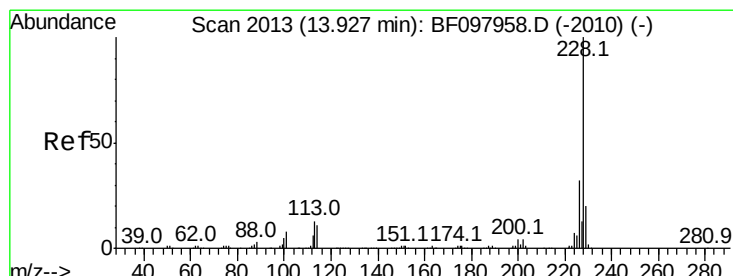
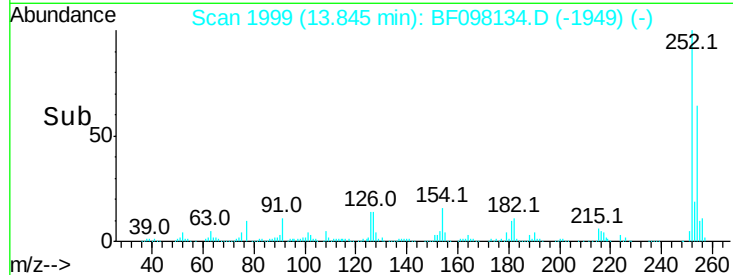
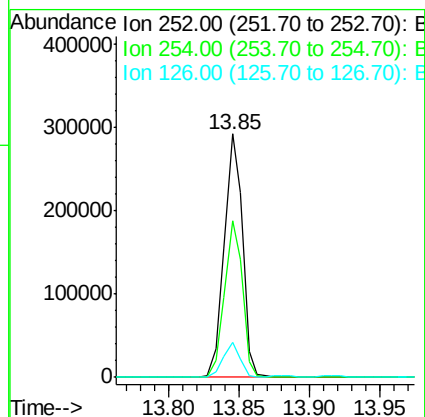
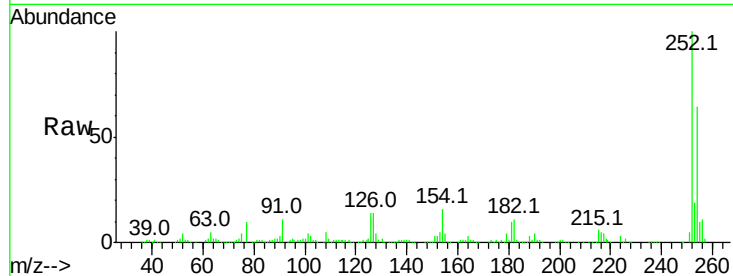




#81
 3,3'-Dichlorobenzidine
 Concen: 44.575 ng
 RT: 13.85 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

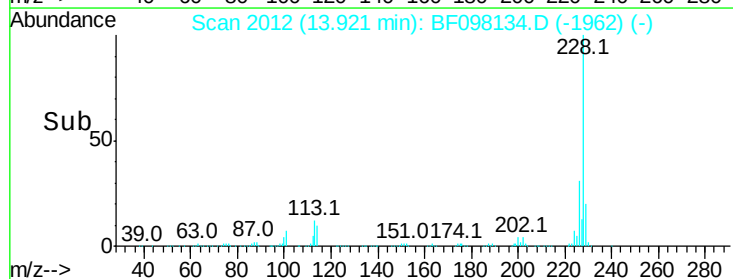
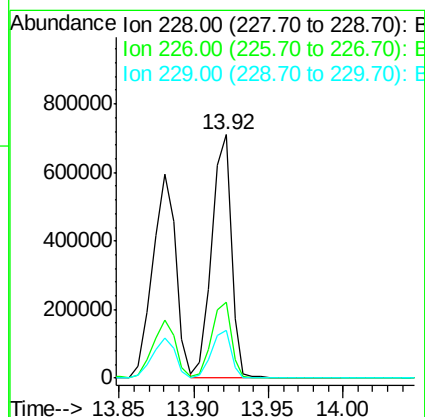
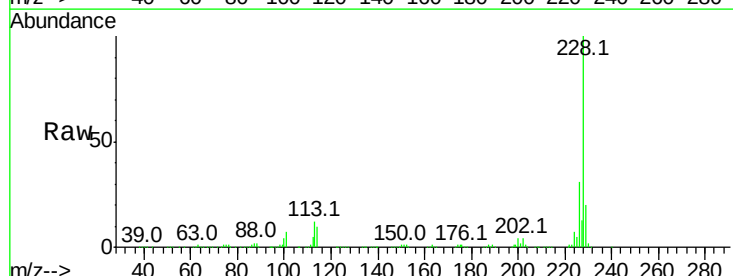
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

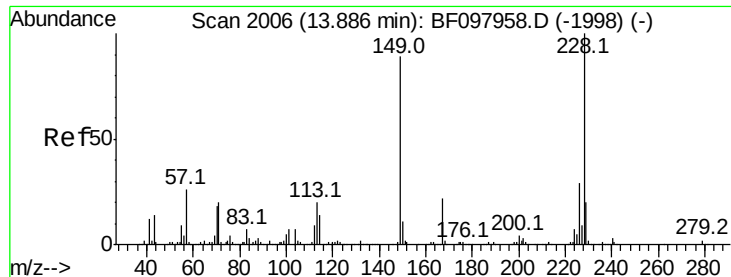
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	14.5	15.8	23.8#



#82
 Chrysene
 Concen: 37.307 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.552 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

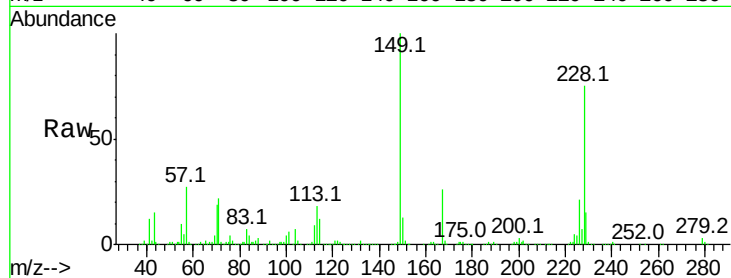
Tot Ion:149 Resp: 502036

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

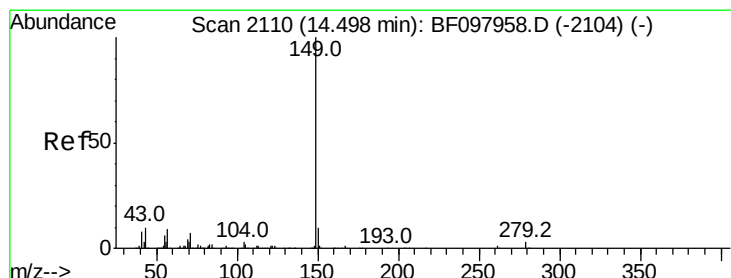
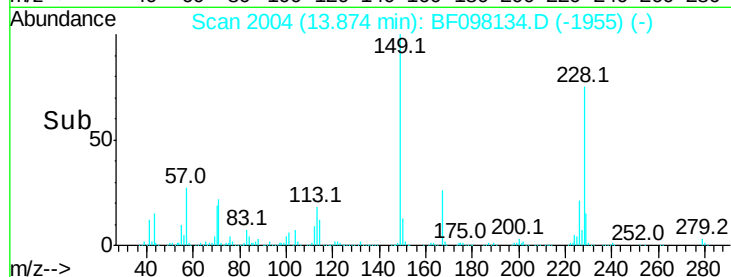
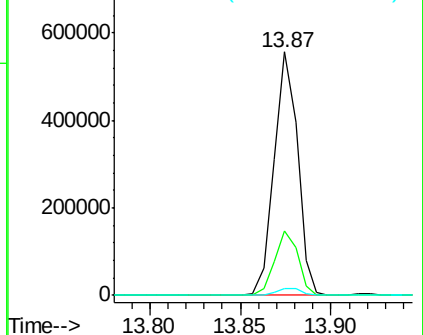
279 2.9 1.9 2.9#



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: 55.222 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

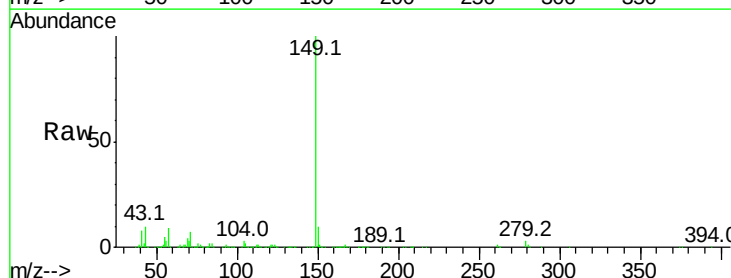
Tgt Ion:149 Resp: 973480

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

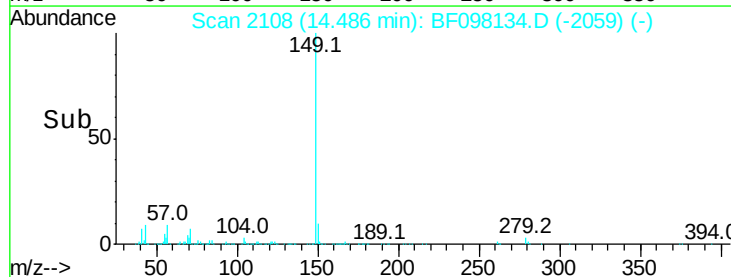
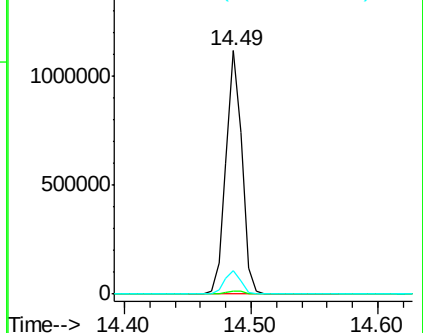
43 9.8 8.5 12.7

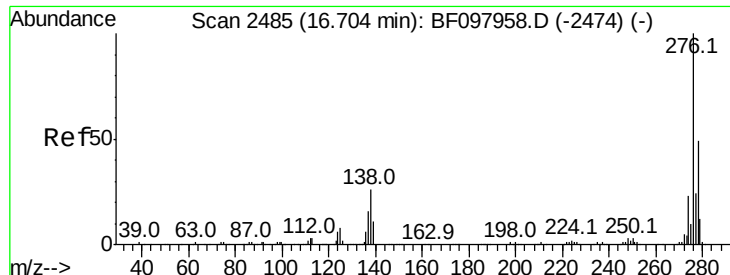


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

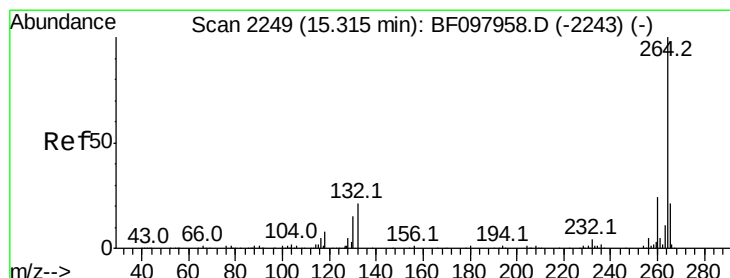
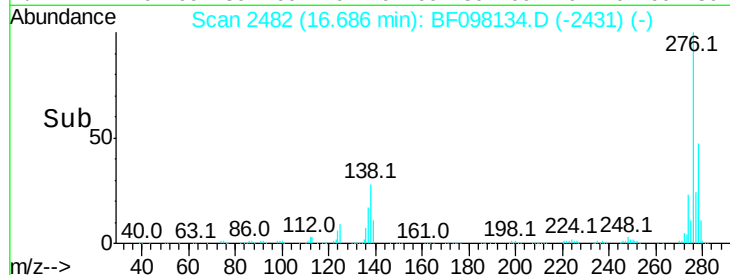
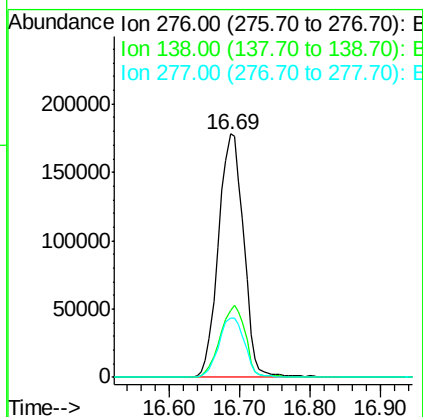
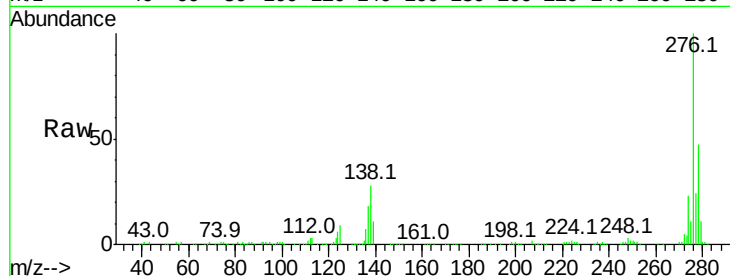




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.571 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

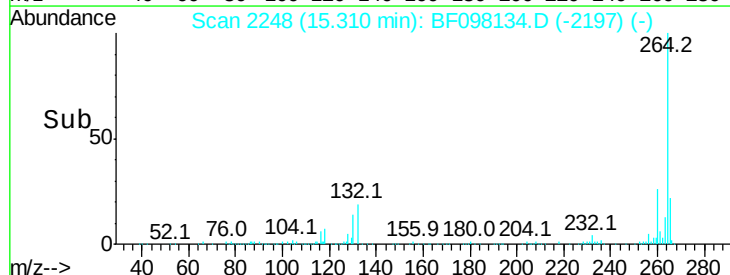
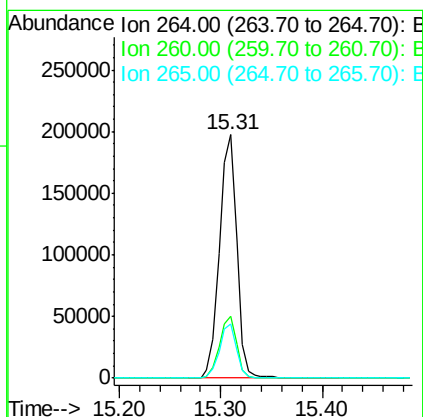
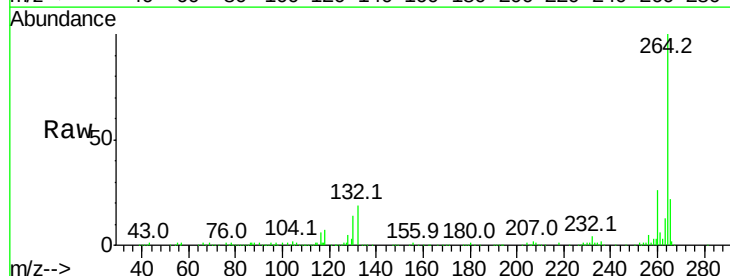
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

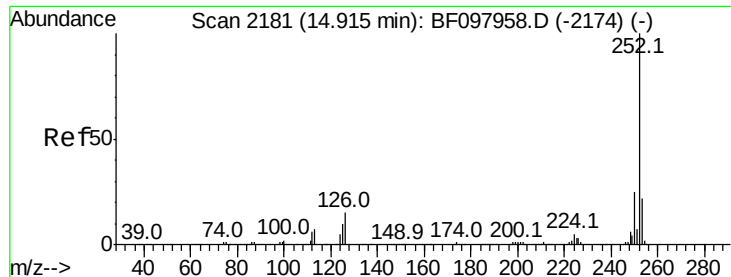
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	22.0	17.2	25.8

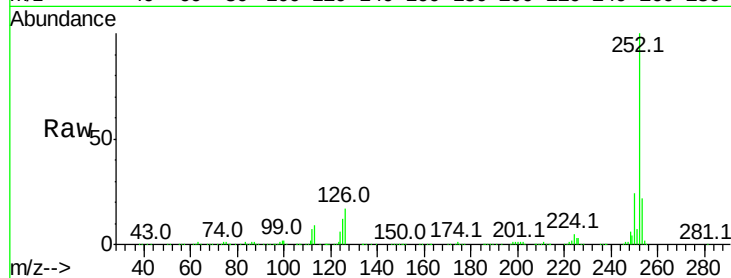




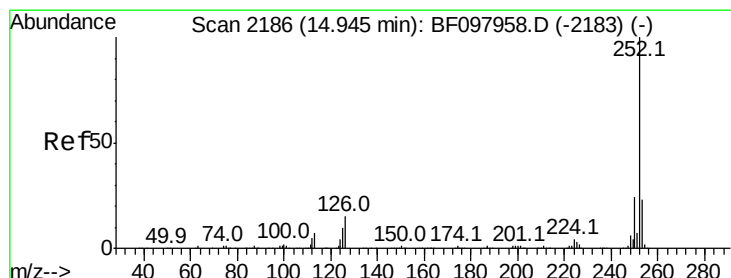
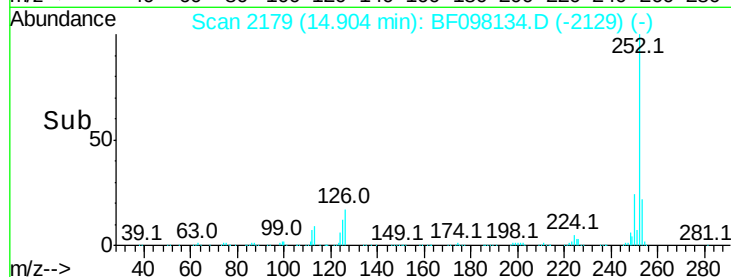
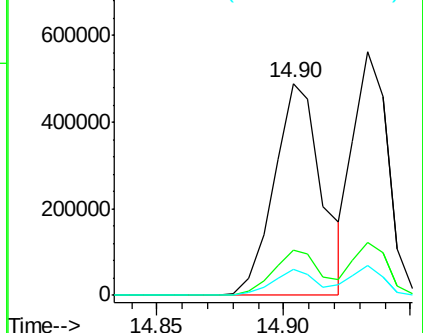
#87
Benzo(b)fluoranthene
Concen: 43.418 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 641904
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 12.4 9.8 14.8

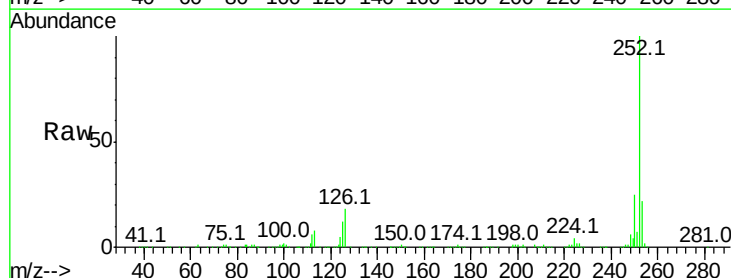


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

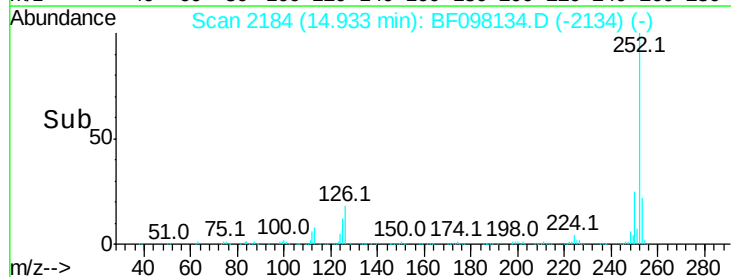
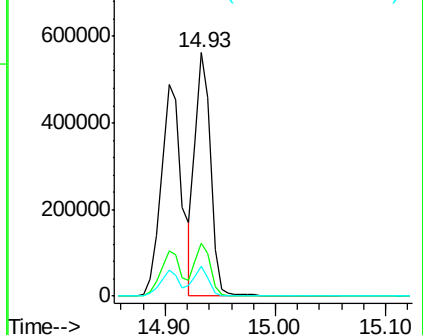


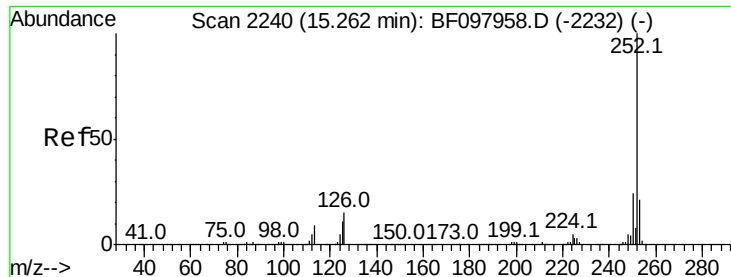
#88
Benzo(k)fluoranthene
Concen: 38.779 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion:252 Resp: 538626
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 12.3 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: 40.908 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

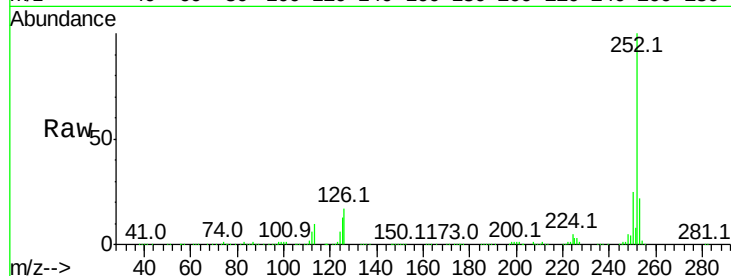
Tot Ion:252 Resp: 535400

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

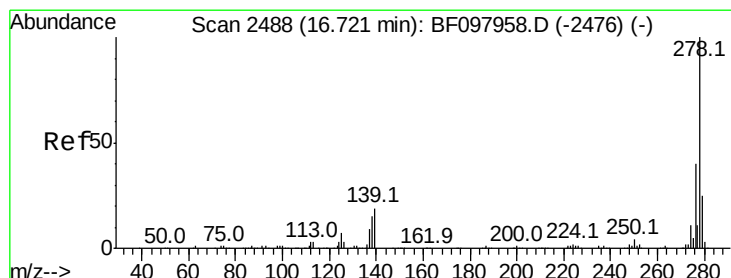
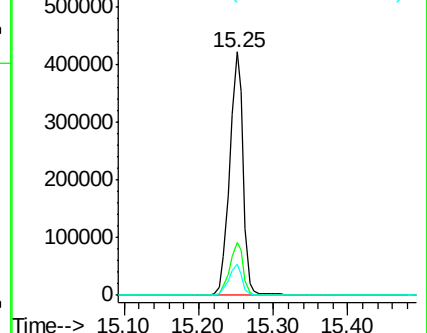
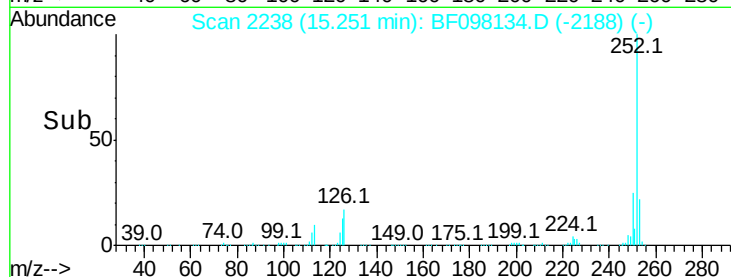
125 12.6 11.0 16.4



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: 36.695 ng

RT: 16.70 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

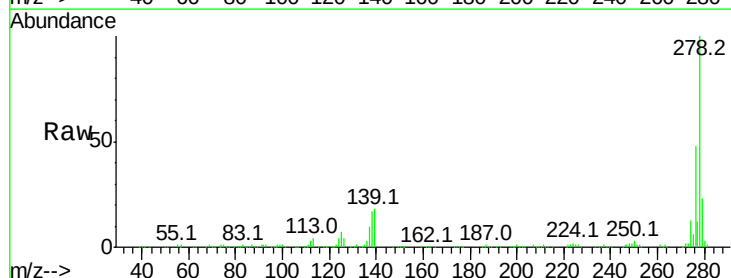
Tgt Ion:278 Resp: 390989

Ion Ratio Lower Upper

278 100

139 18.3 16.6 24.8

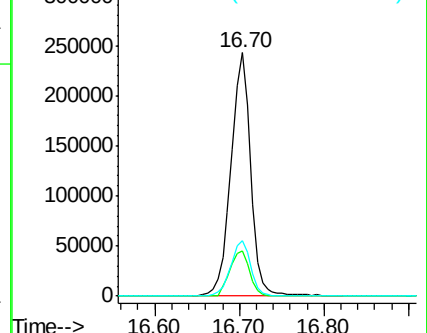
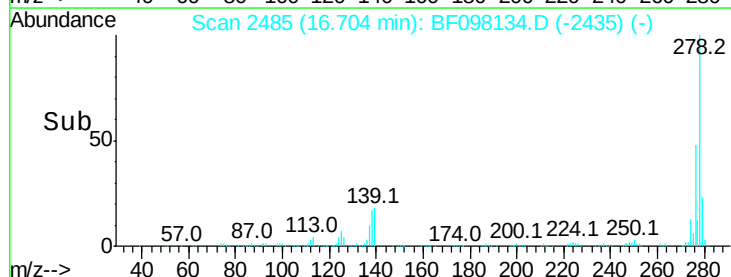
279 22.6 19.3 28.9

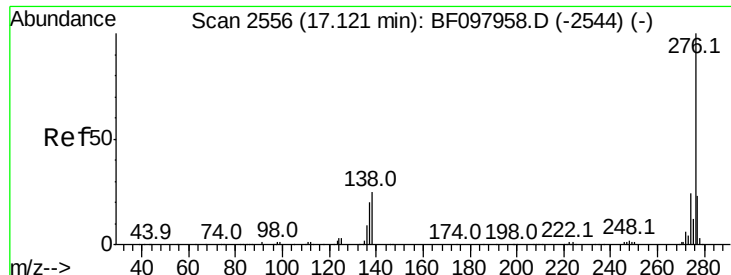


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.183 ng

RT: 17.10 min Scan# 2553

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

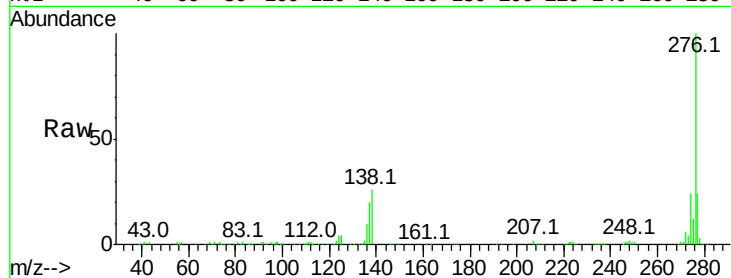
Tot Ion:276 Resp: 368924

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 25.7 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

