

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098134.D
 Acq On : 30 Aug 2017 2:37
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

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

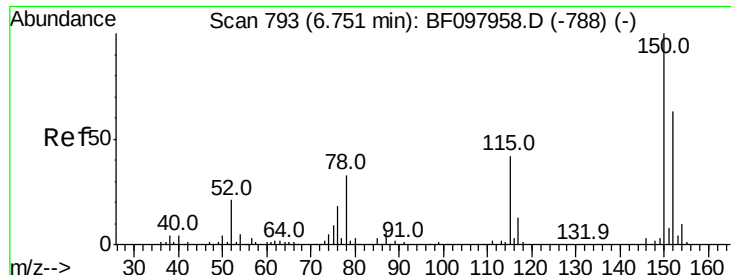
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098134.D
 Acq On : 30 Aug 2017 2:37
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

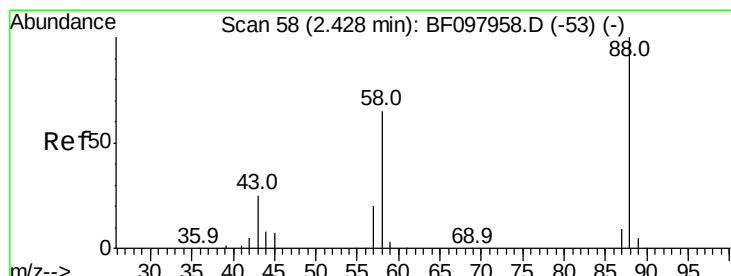
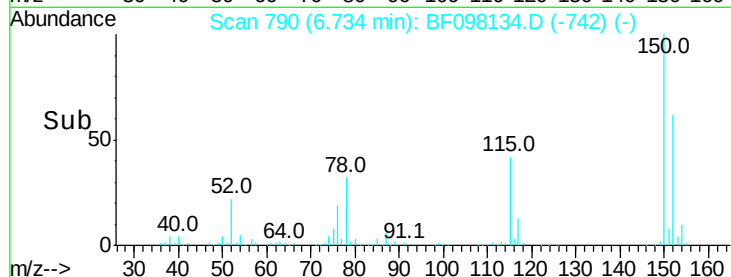
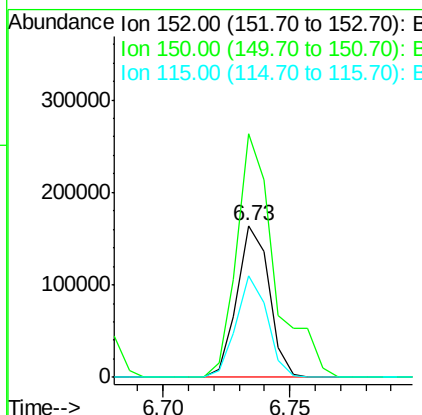
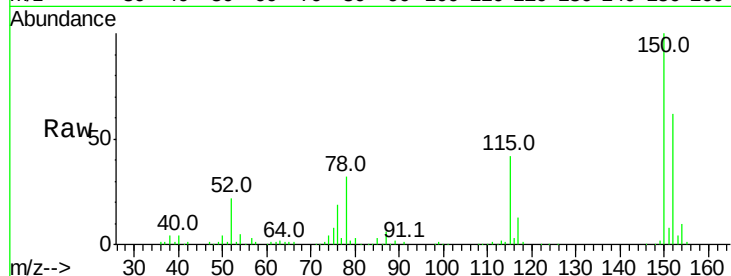


#1

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 :

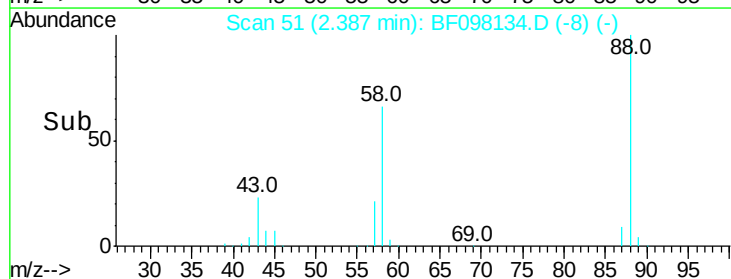
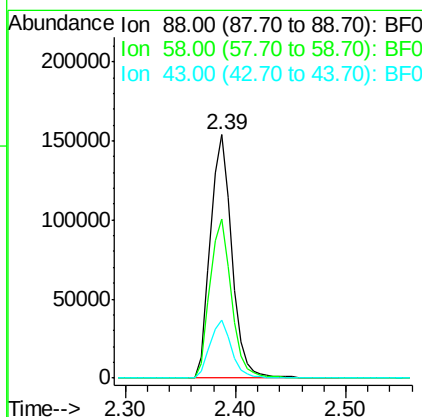
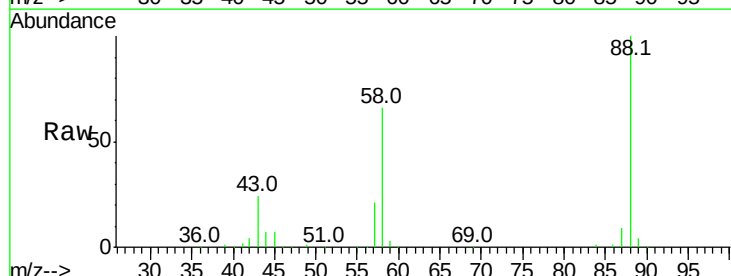
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.2	189.2
115	66.9	52.2	78.2

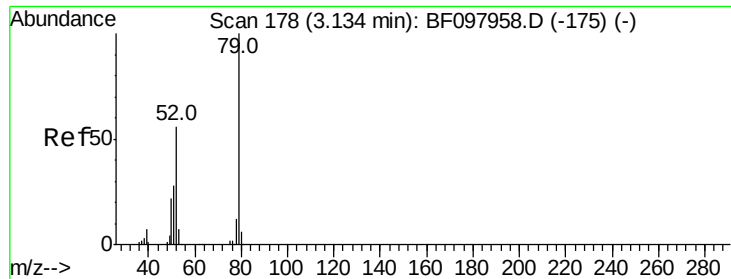


#2

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	Ratio	Lower	Upper
88	100		
58	65.0	61.4	92.0
43	23.8	23.4	35.0

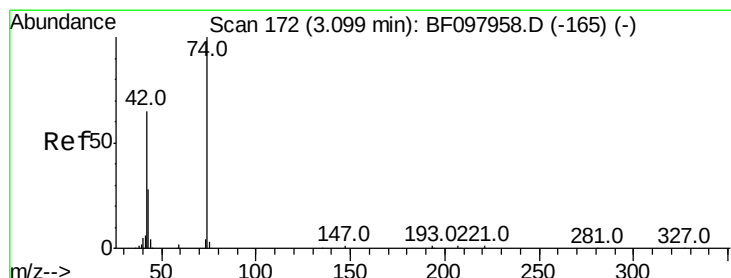
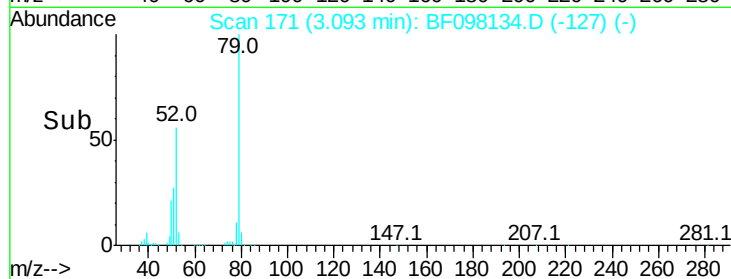
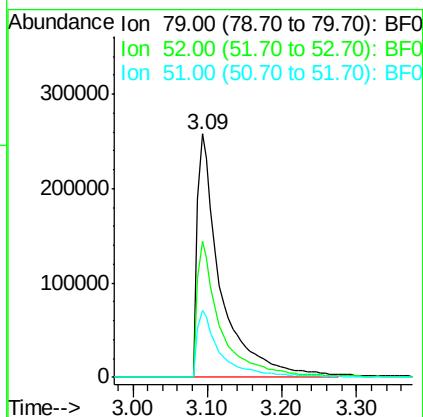
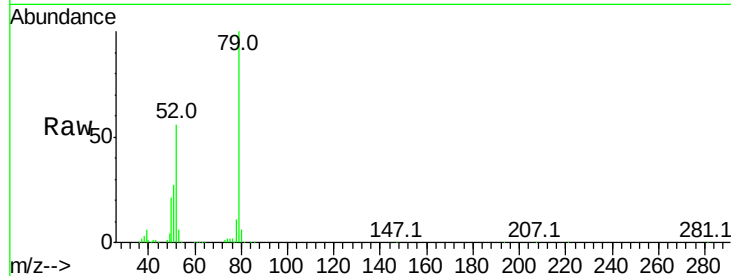




#3
 Pvridine
 Concen: 38.965 ng
 RT: 3.09 min Scan# 171
 Delta R.T. -0.04 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

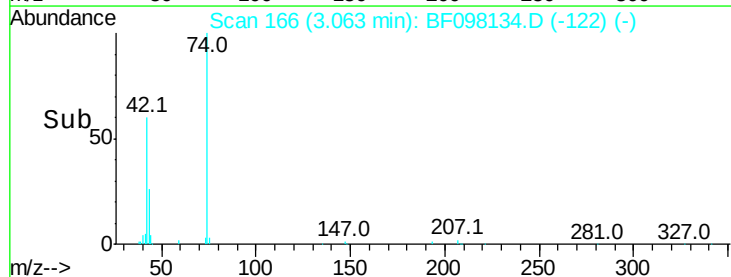
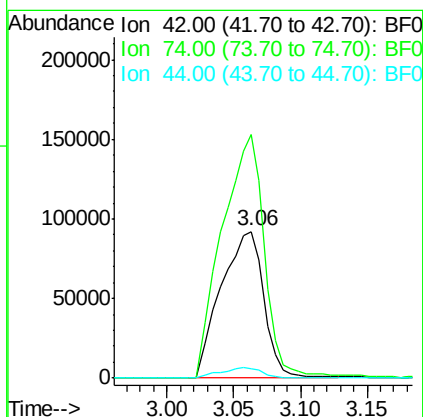
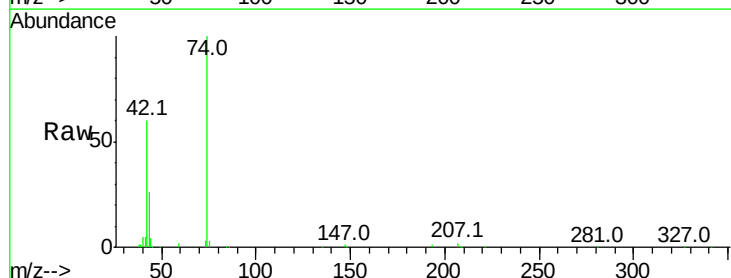
Instrument :
 BNA_F
 ClientSampleId :

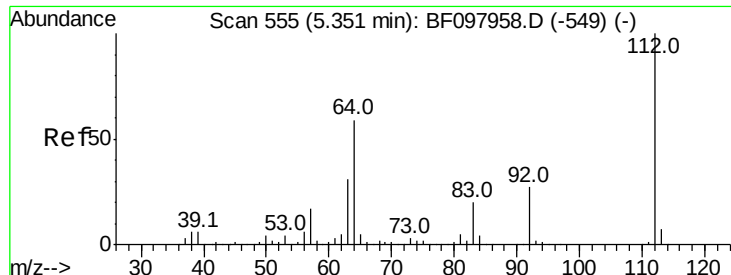
Tot Ion: 79 Resp: 570025
 Ion Ratio Lower Upper
 79 100
 52 55.9 54.8 82.2
 51 27.3 27.0 40.4



#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





#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 :

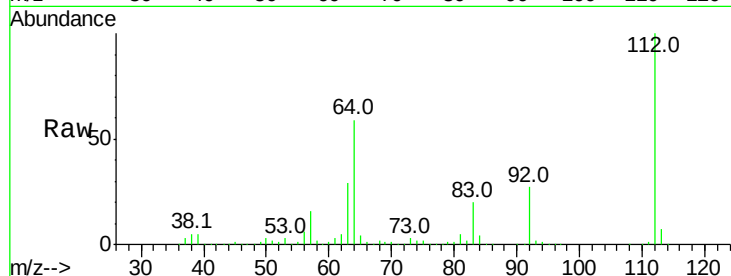
Tot Ion:112 Resp: 751506

Ion Ratio Lower Upper

112 100

64 58.7 46.0 69.0

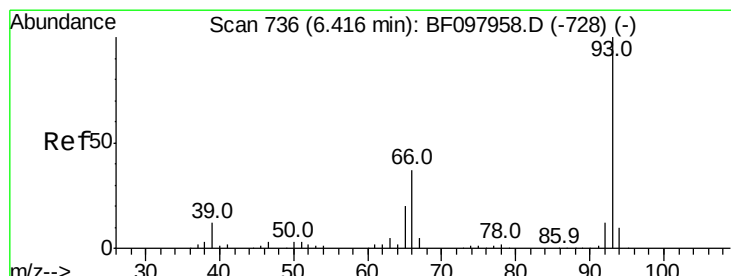
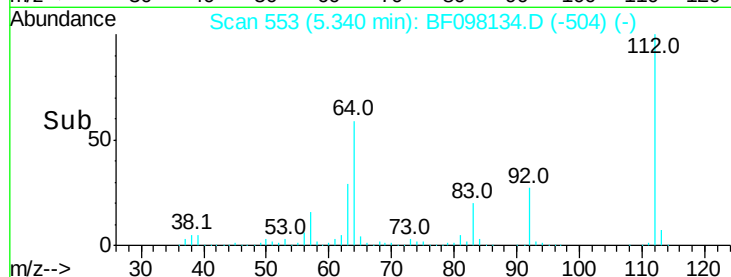
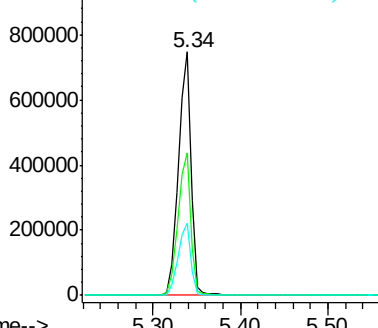
63 29.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 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

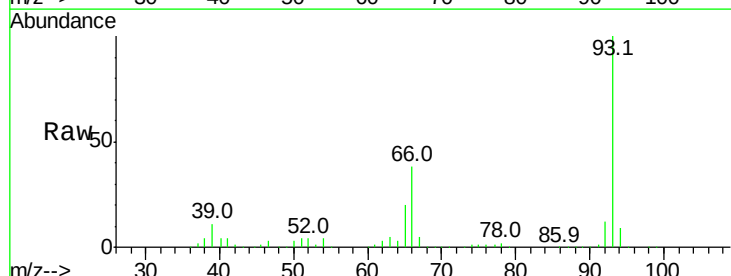
Tgt Ion: 93 Resp: 678771

Ion Ratio Lower Upper

93 100

66 38.4 32.9 49.3

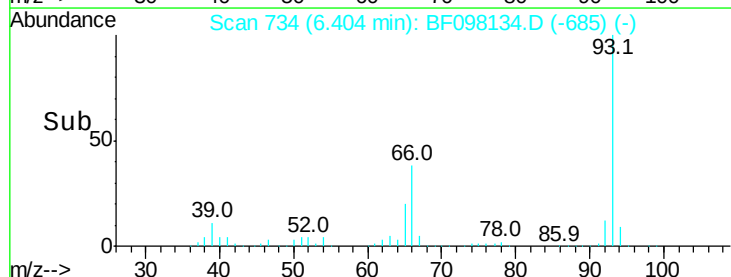
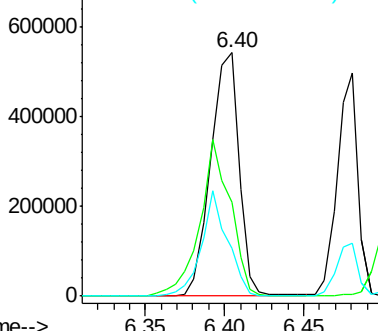
65 19.7 16.0 24.0

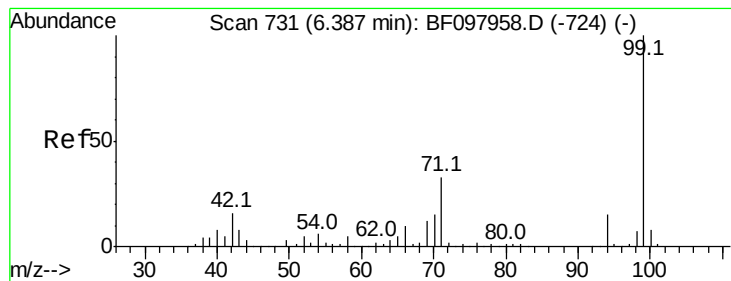


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 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

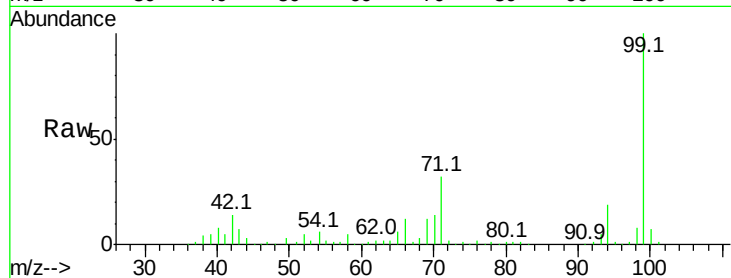
Instrument :

BNA_F

ClientSampleId :

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

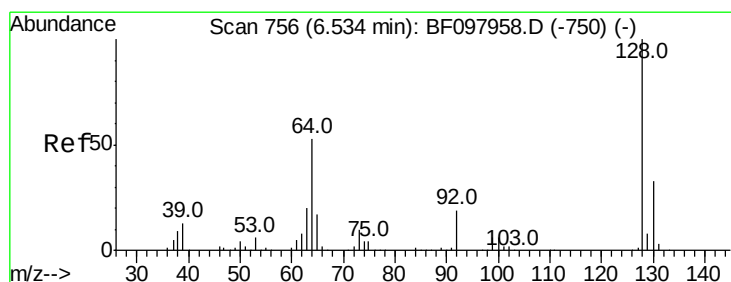
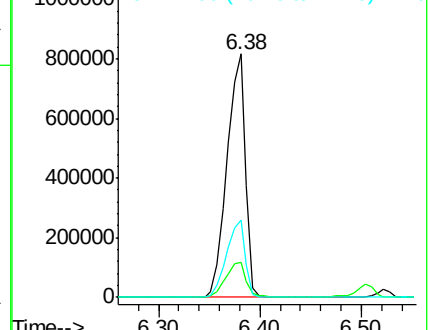
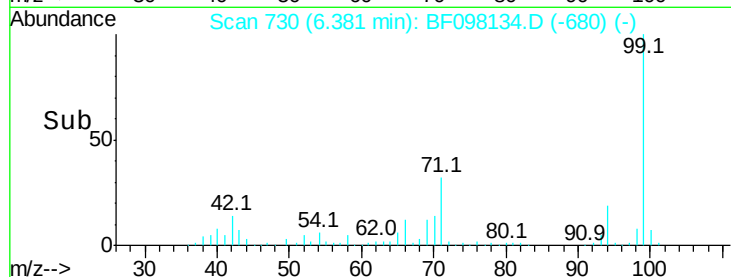


Abundance

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

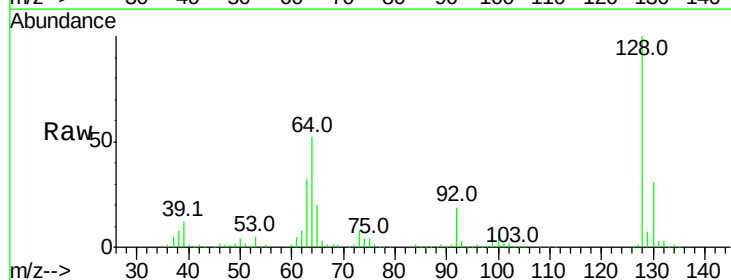
Delta R.T. -0.01 min

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

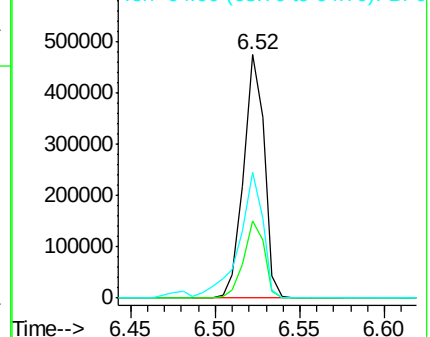
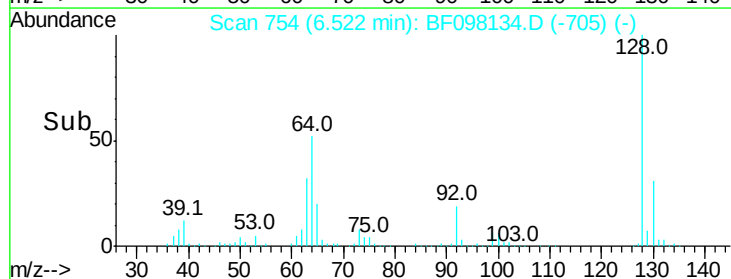


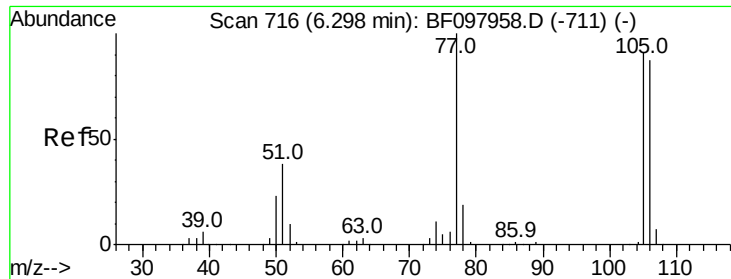
Abundance

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

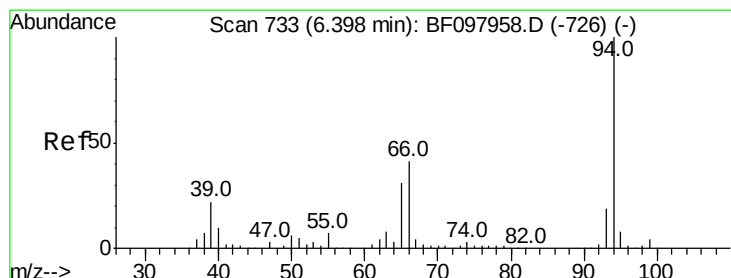
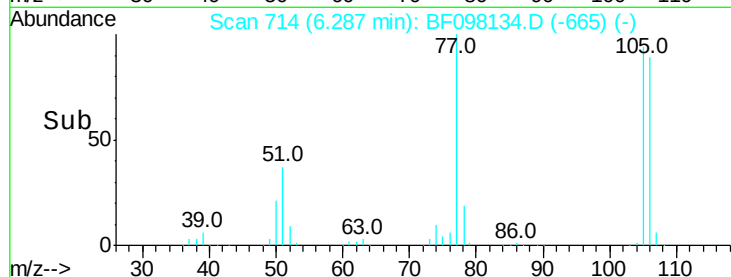
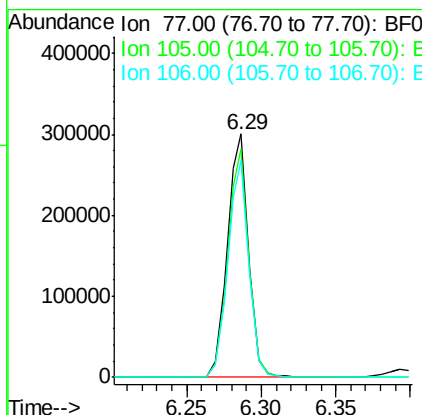
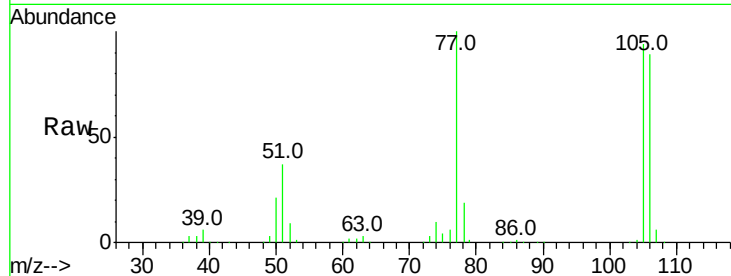




#9
Benzaldehyde
Concen: 36.965 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

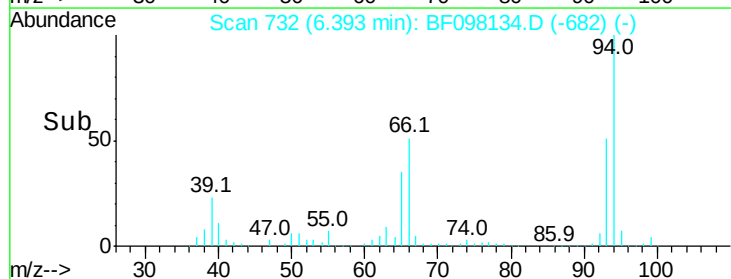
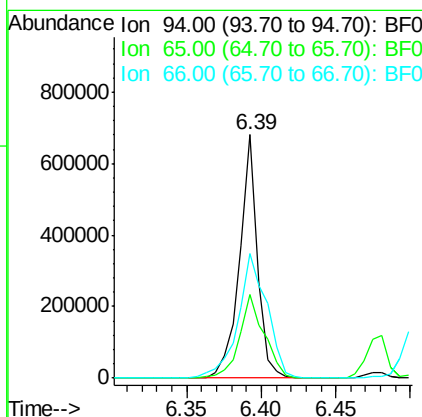
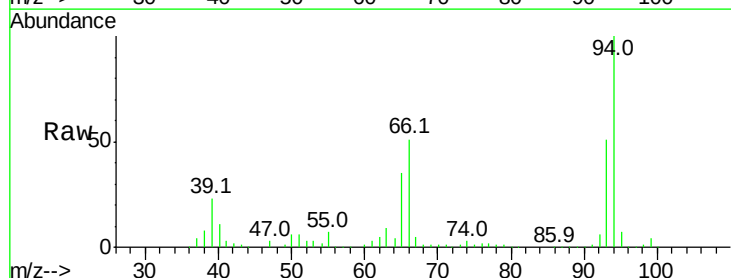
Instrument :
BNA_F
ClientSampled :

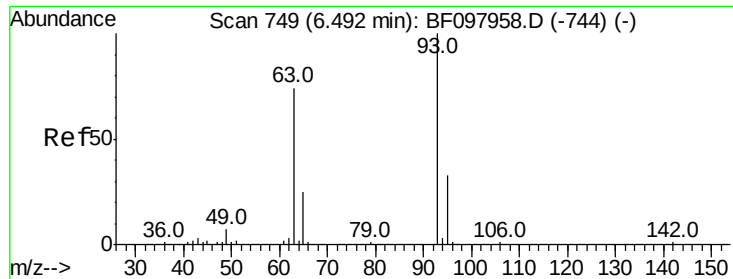
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Ion Ratio Lower Upper
77 100
105 93.8 83.8 123.8
106 88.9 79.1 119.1



#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

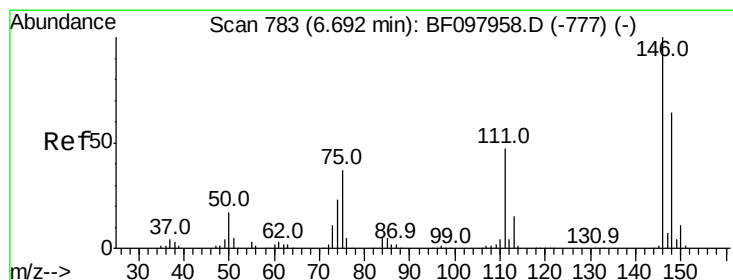
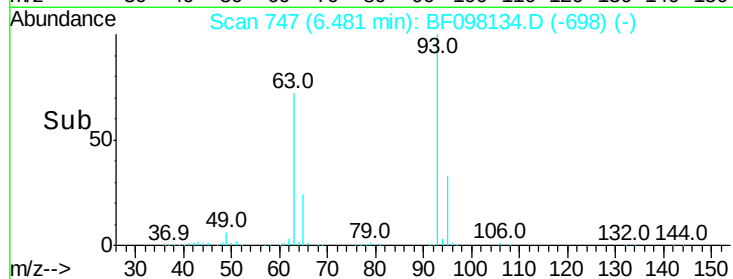
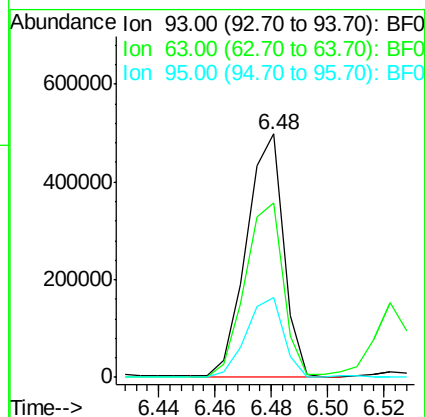
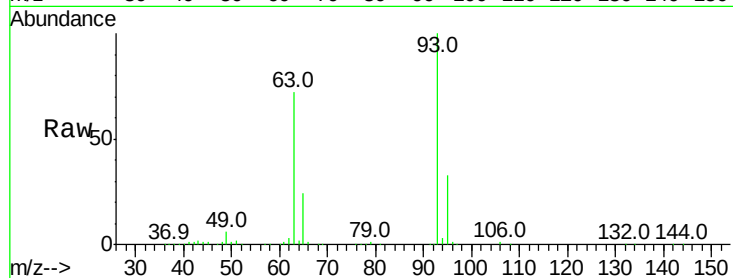




#11
 bis(2-Chloroethyl)ether
 Concen: 39.806 ng
 RT: 6.48 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

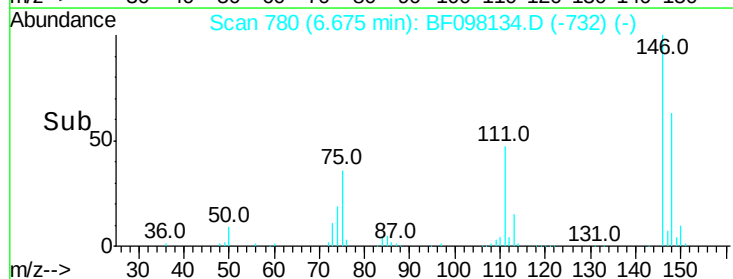
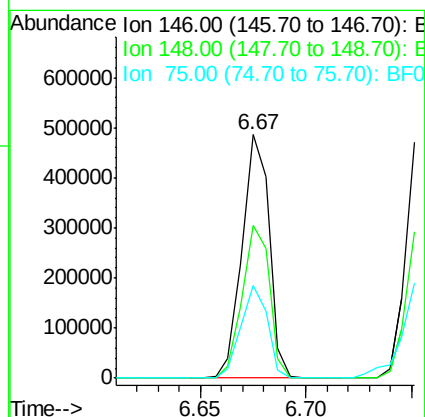
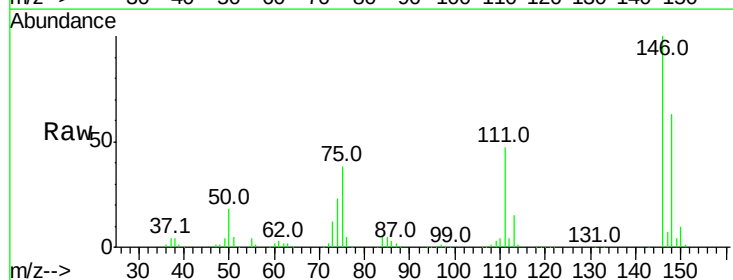
Instrument :
 BNA_F
 ClientSampleId :

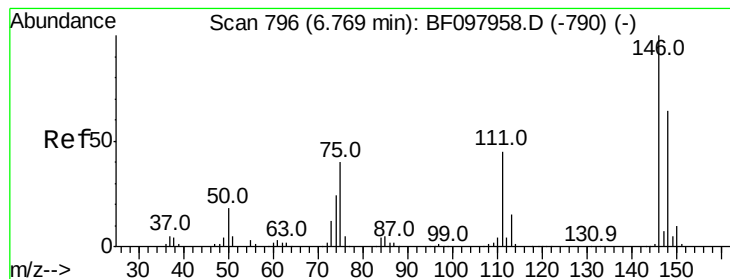
Tot Ion: 93 Resp: 453015
 Ion Ratio Lower Upper
 93 100
 63 71.9 59.2 99.2
 95 32.8 12.8 52.8



#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 :

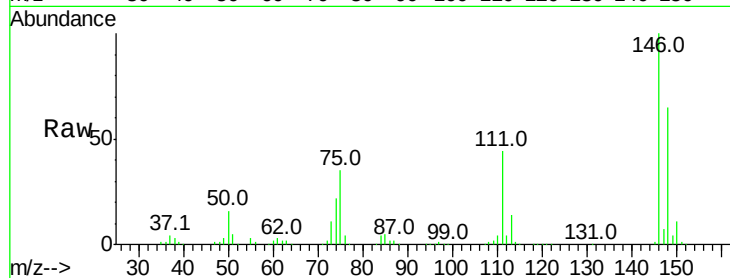
Tot Ion:146 Resp: 433826

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.2

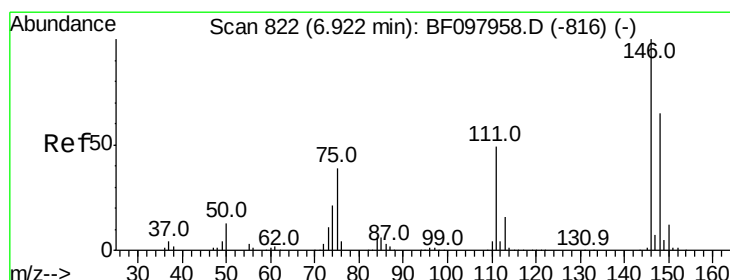
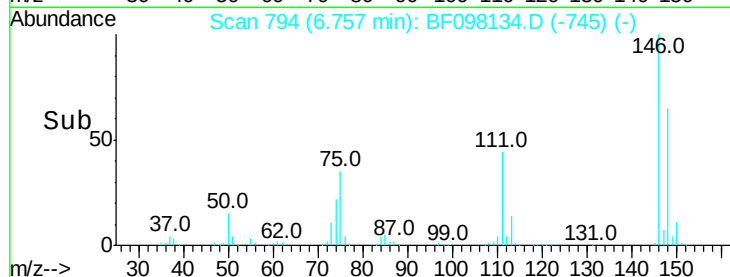
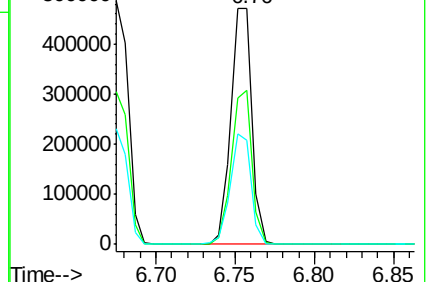
111 44.1 30.3 45.5



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

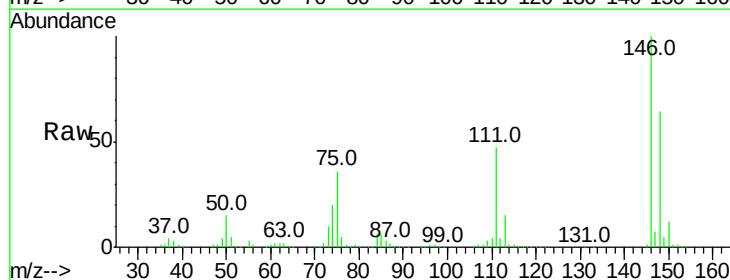
Tgt Ion:146 Resp: 393166

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

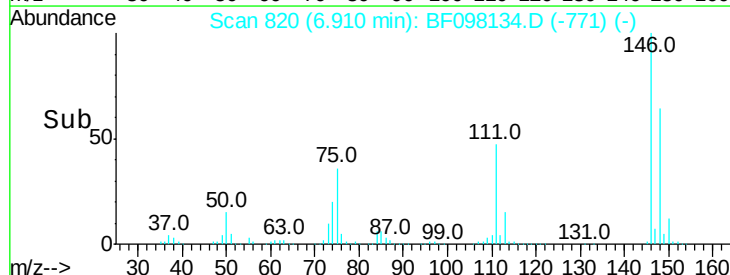
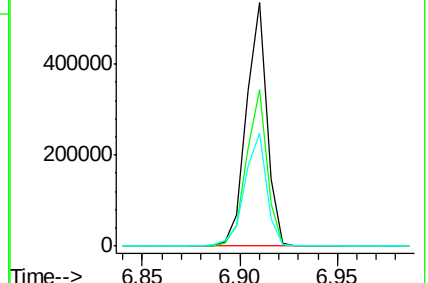
111 46.7 38.2 57.4

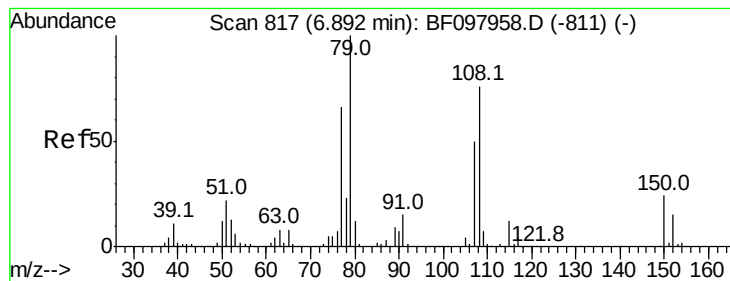


Abundance Ion 146.00 (145.70 to 146.70): E

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

ClientSampled :

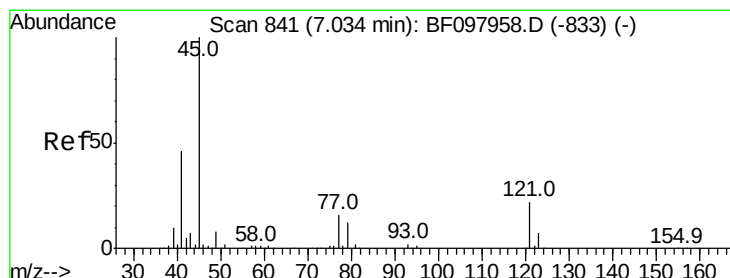
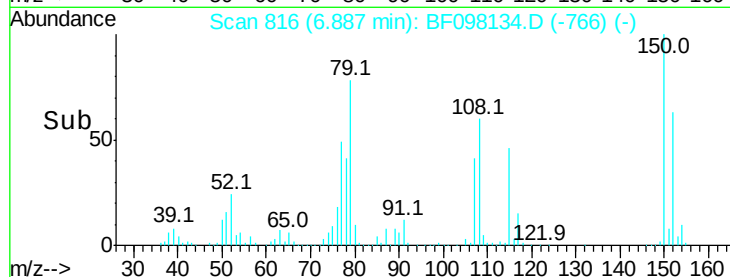
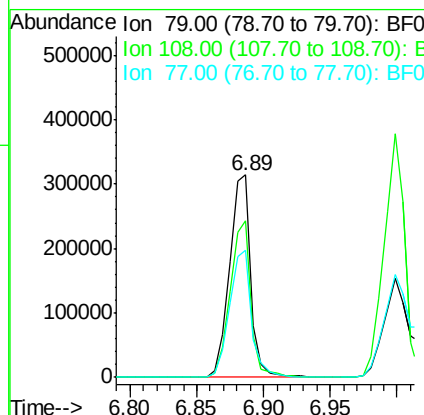
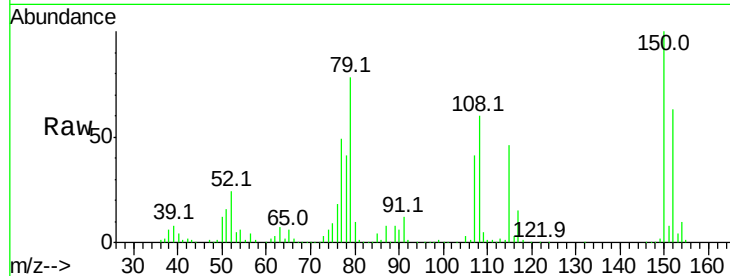
Tot Ion: 79 Resp: 352757

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

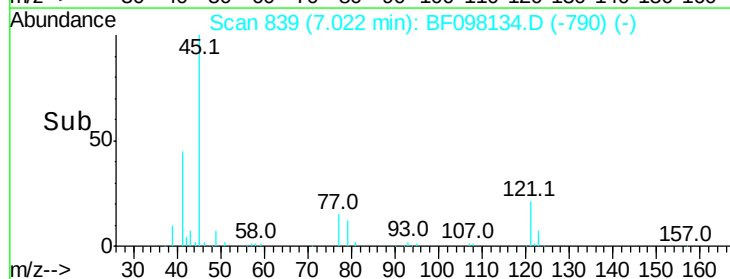
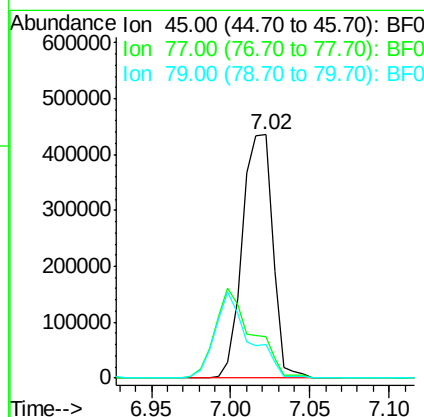
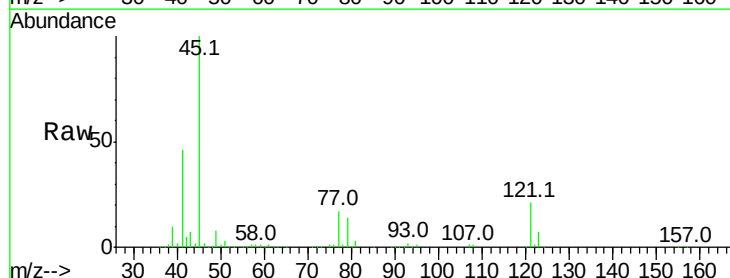
Tgt Ion: 45 Resp: 579491

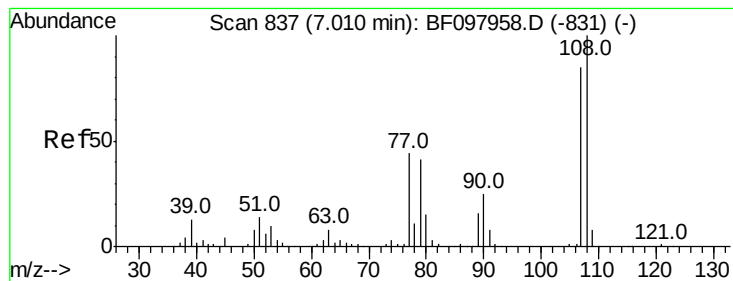
Ion Ratio Lower Upper

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 :

Tot Ion:107 Resp: 345312

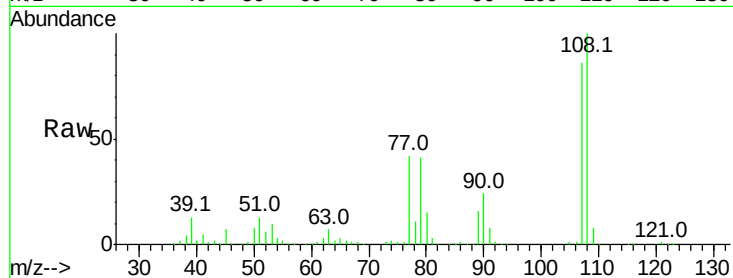
Ion Ratio Lower Upper

107 100

108 116.7 93.4 140.0

77 49.6 35.8 53.6

79 47.5 34.8 52.2

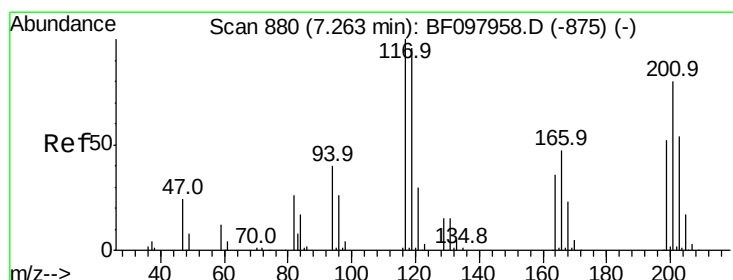
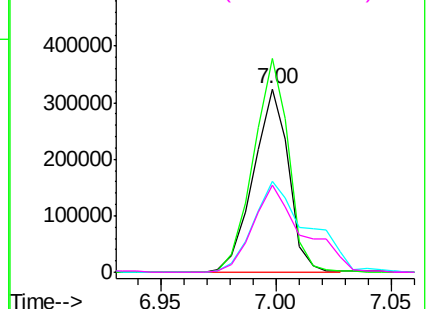
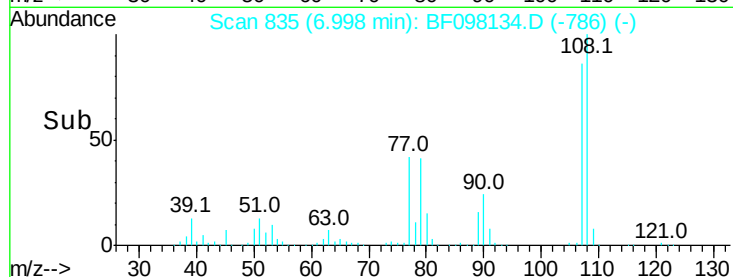


Abundance Ion 107.00 (106.70 to 107.70): E

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

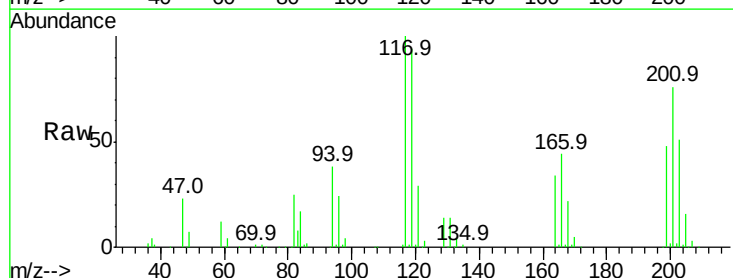
Tgt Ion:117 Resp: 158829

Ion Ratio Lower Upper

117 100

119 93.7 77.4 116.0

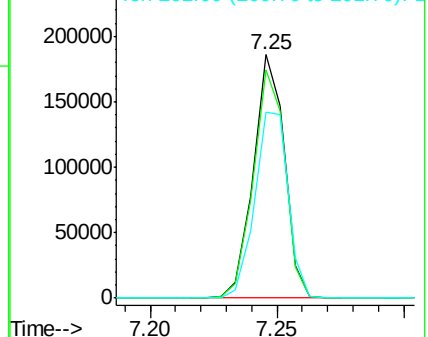
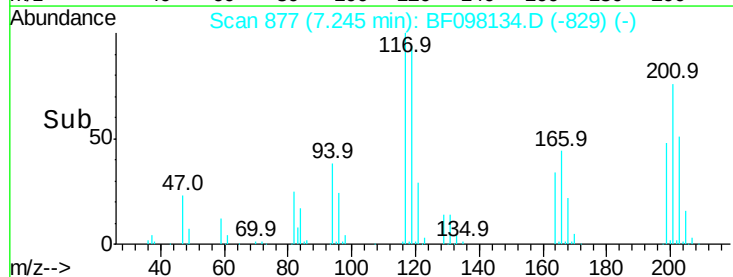
201 76.2 94.6 141.8#

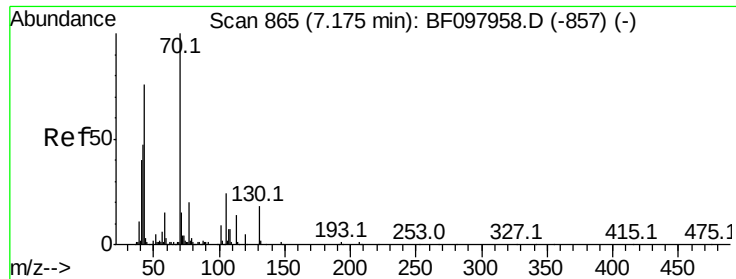


Abundance Ion 117.00 (116.70 to 117.70): E

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

ClientSampled :

Tot Ion: 70 Resp: 322336

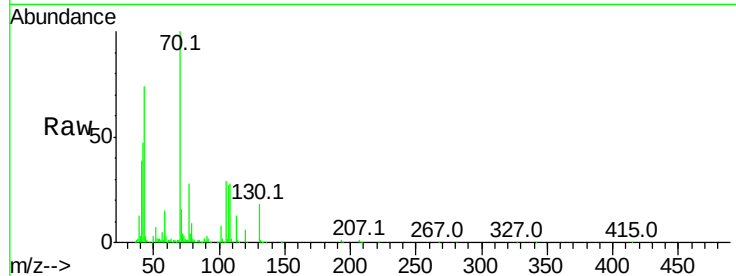
Ion Ratio Lower Upper

70 100

42 46.5 47.2 70.8#

101 8.3 7.2 10.8

130 17.9 15.9 23.9



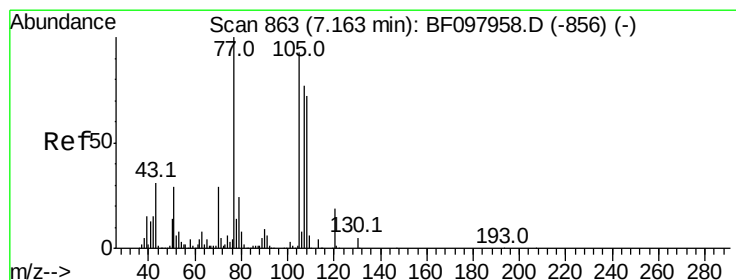
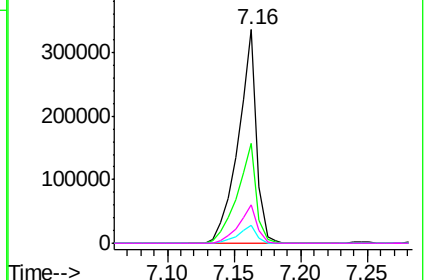
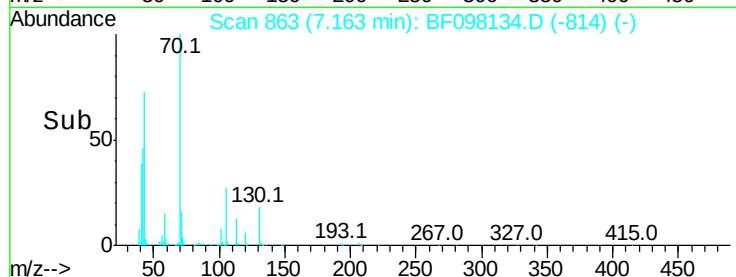
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#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:107 Resp: 400168

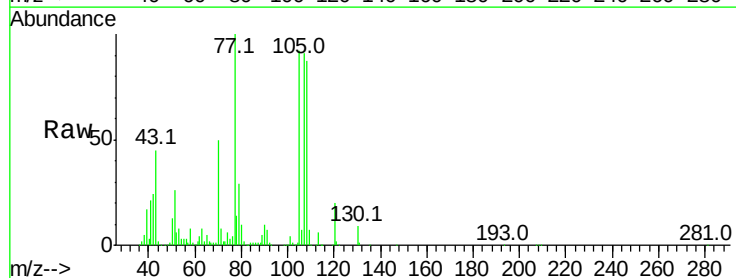
Ion Ratio Lower Upper

107 100

108 96.2 71.0 111.0

77 110.2 90.5 130.5

79 31.7 8.4 48.4



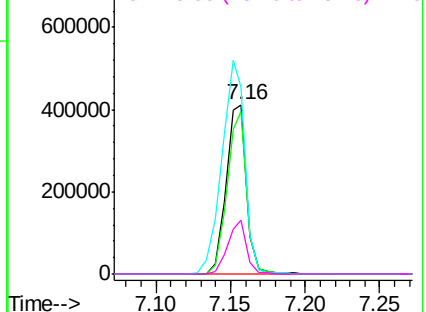
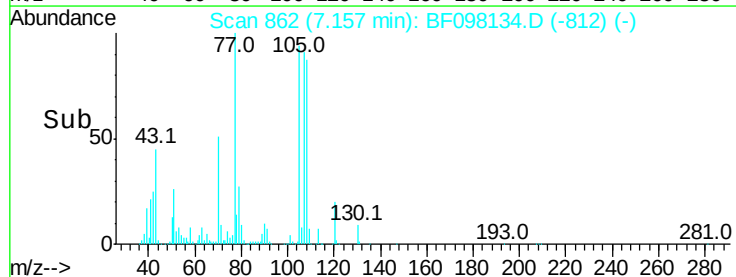
Abundance

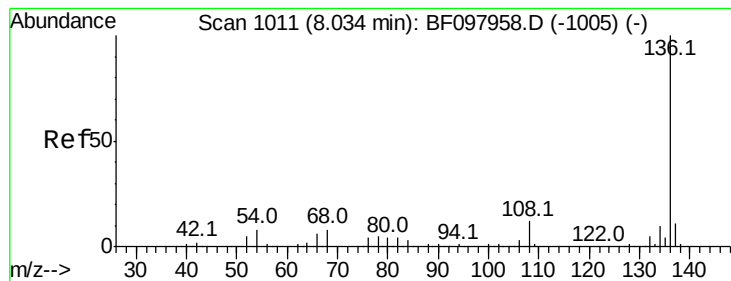
Ion 107.00 (106.70 to 107.70): E

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





#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

ClientSampled :

Tot Ion:136 Resp: 544616

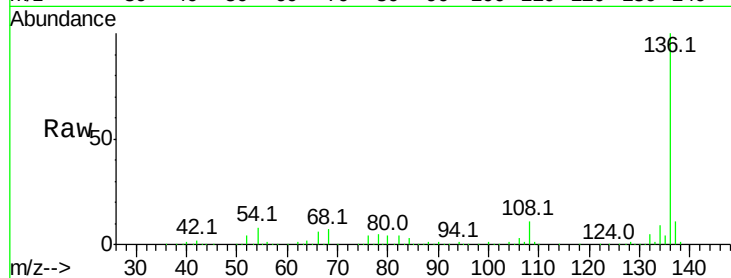
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.6 4.9 7.3#

68 7.4 4.1 6.1#

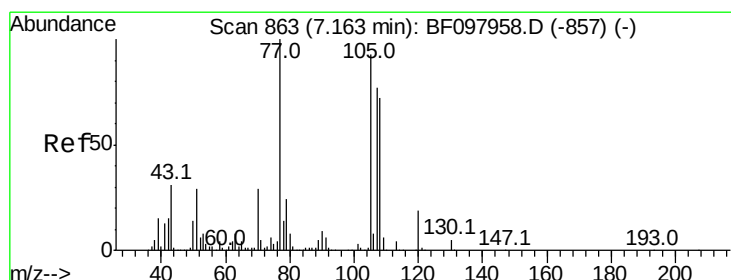
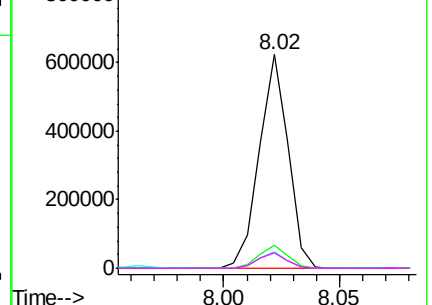
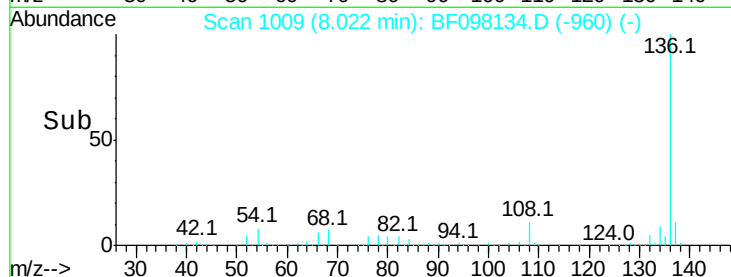


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 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

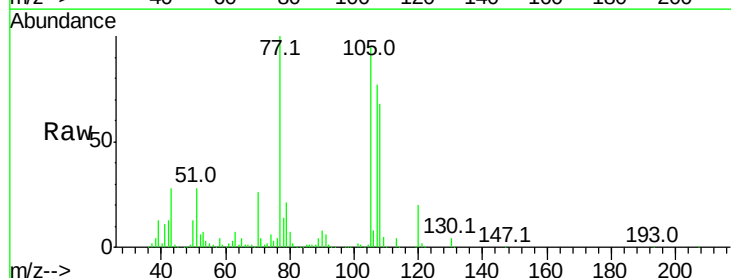
Ion Ratio Lower Upper

105 100

71 4.6 2.8 4.2#

51 29.7 30.7 46.1#

120 20.7 17.4 26.0

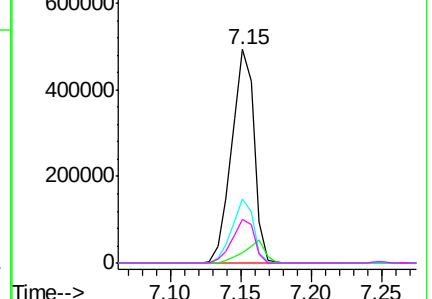
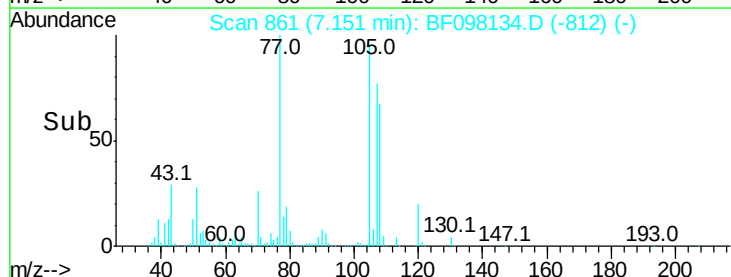


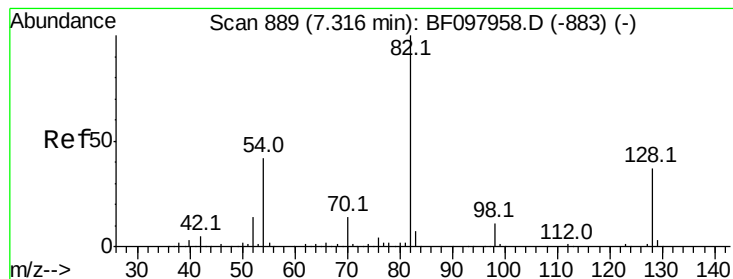
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 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

ClientSampleId :

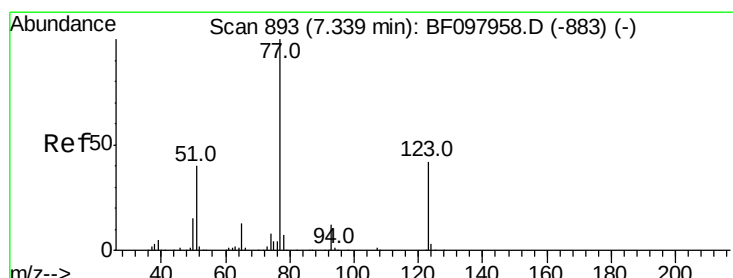
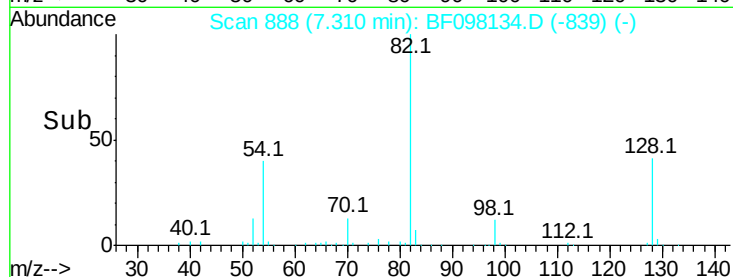
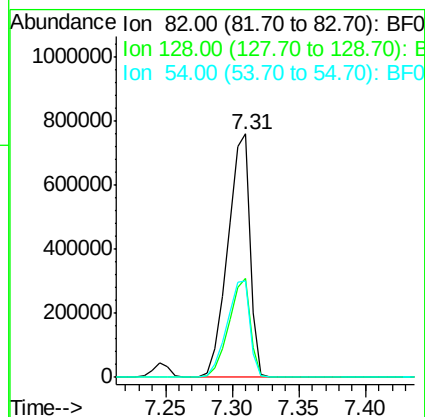
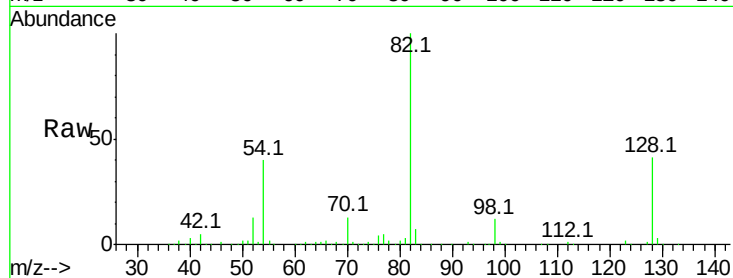
Tot Ion: 82 Resp: 894695

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

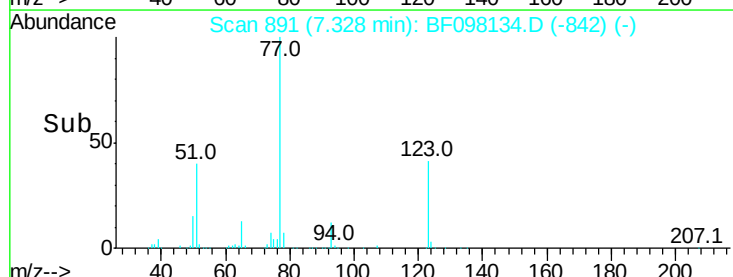
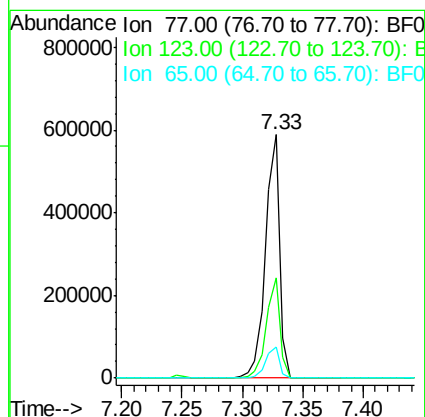
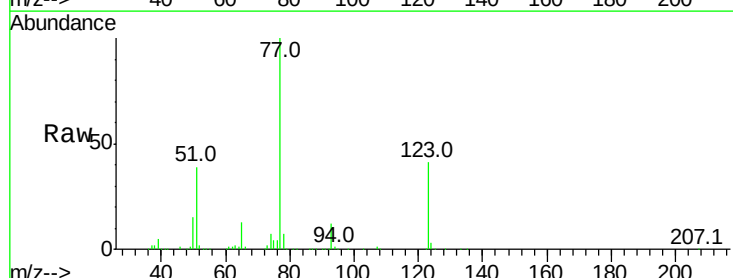
Tgt Ion: 77 Resp: 482970

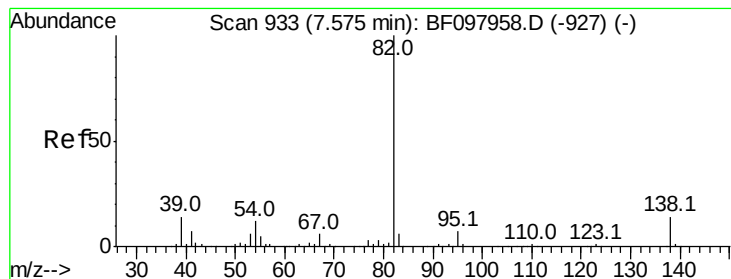
Ion Ratio Lower Upper

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 :

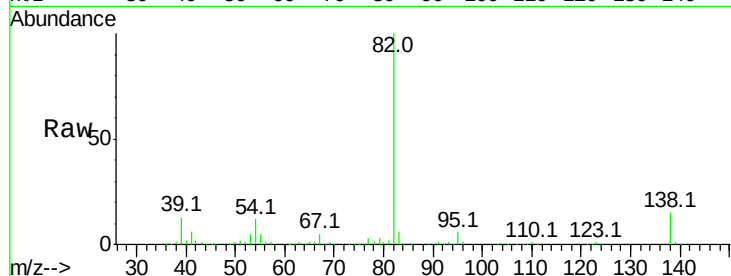
Tot Ion: 82 Resp: 828071

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

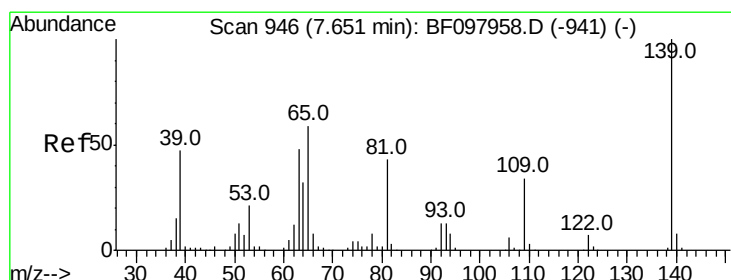
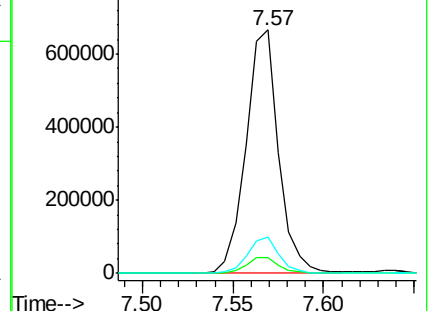
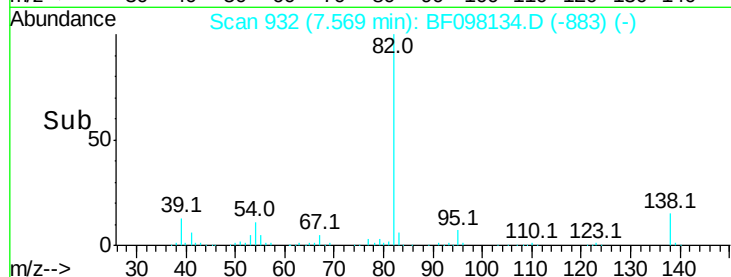
138 14.7 13.1 19.7



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

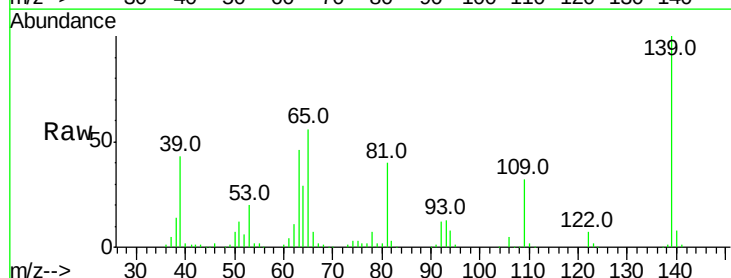
Tgt Ion: 139 Resp: 186015

Ion Ratio Lower Upper

139 100

109 31.6 21.0 31.6#

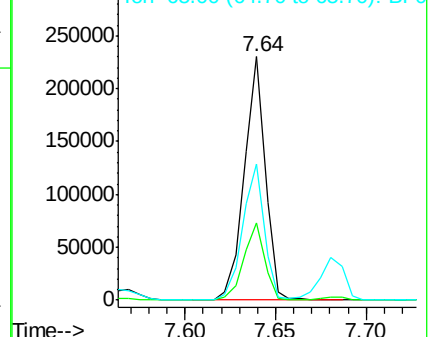
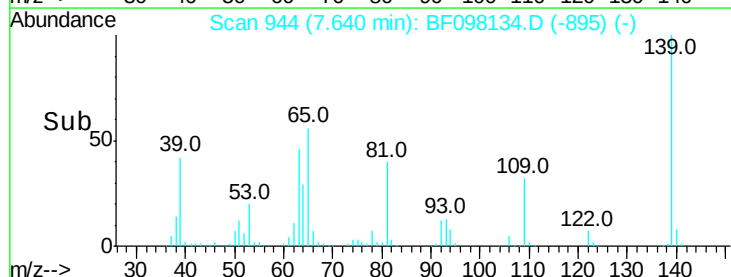
65 56.1 33.0 49.6#

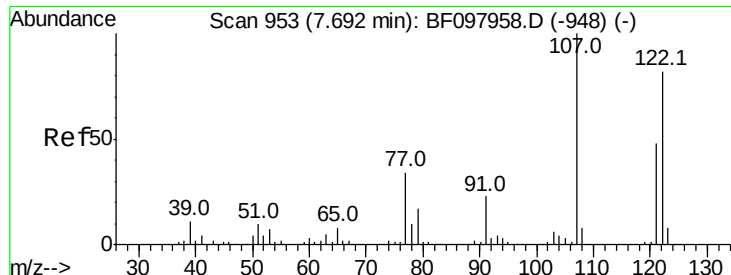


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

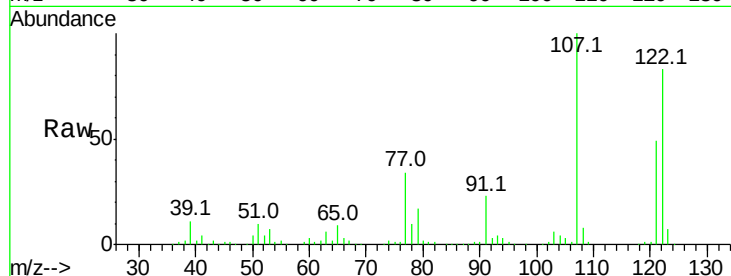




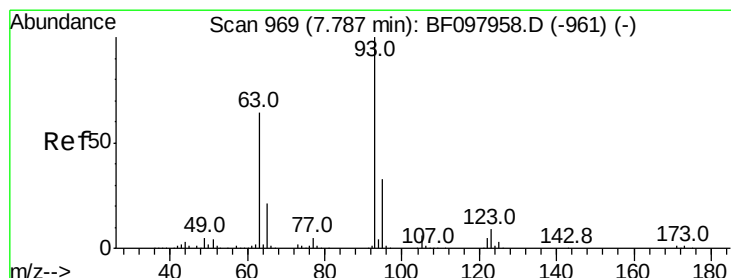
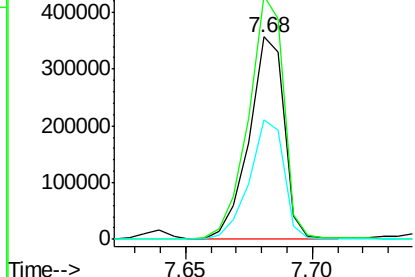
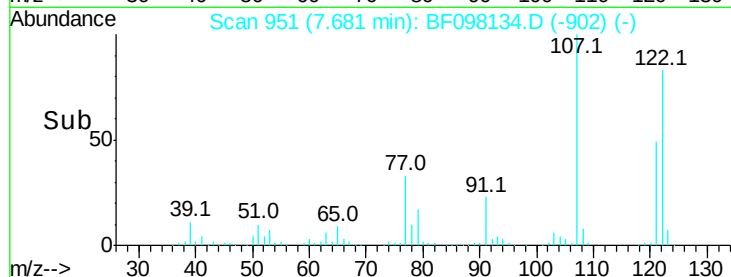
#27
 2,4-Dimethylphenol
 Concen: 39.737 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampled :

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

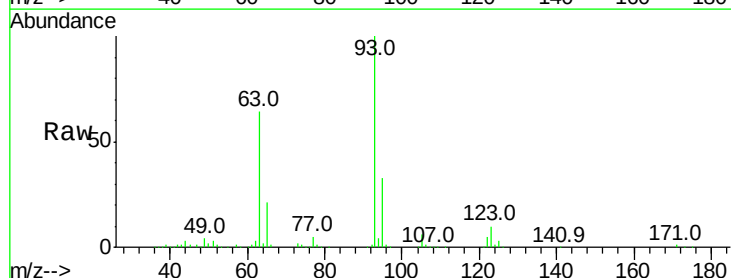


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

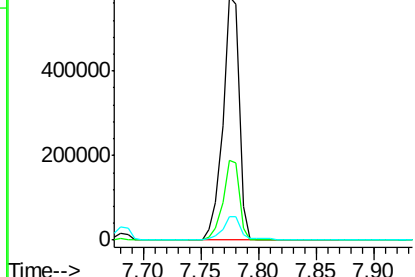
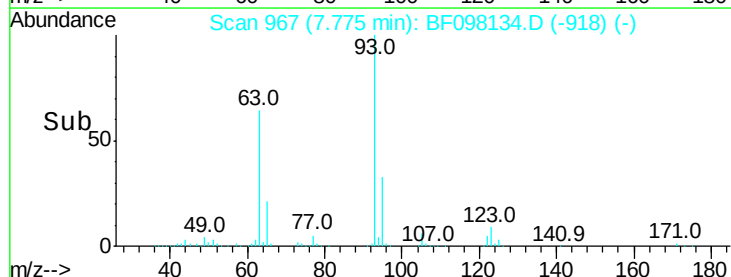


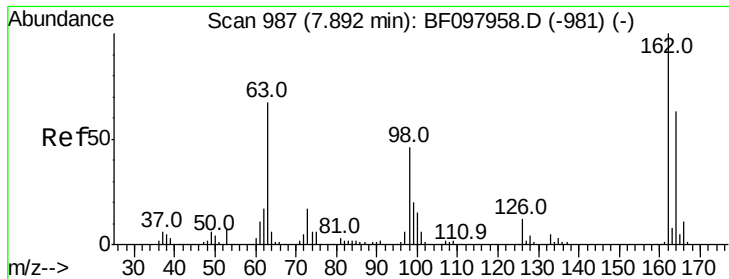
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.484 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

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

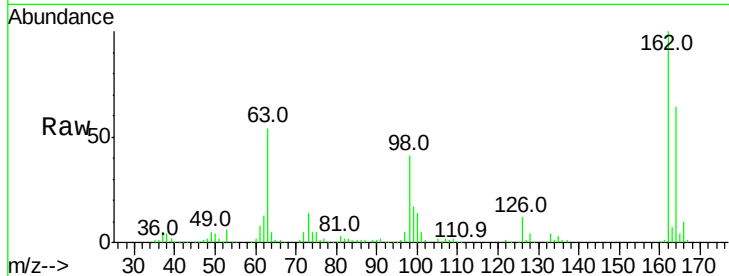




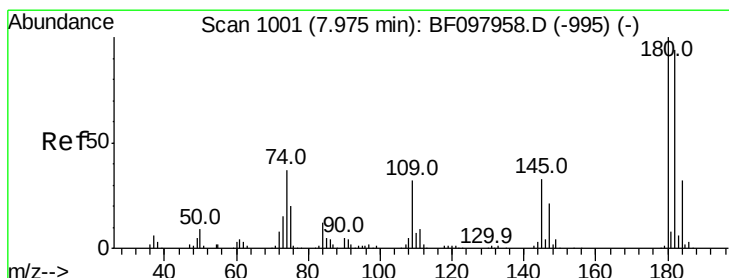
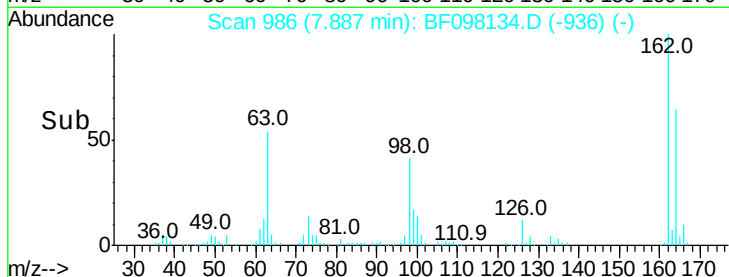
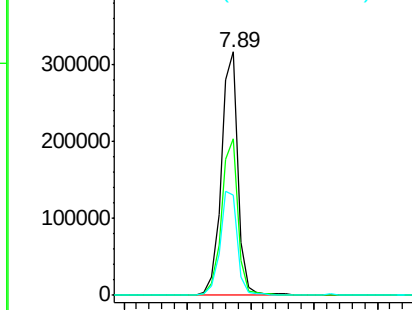
#29
2,4-Dichlorophenol
Concen: 40.201 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	41.2	14.8	54.8

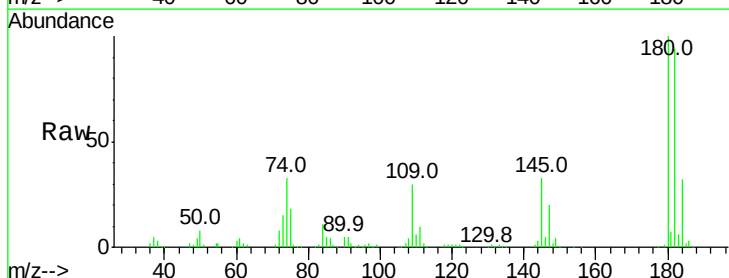


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

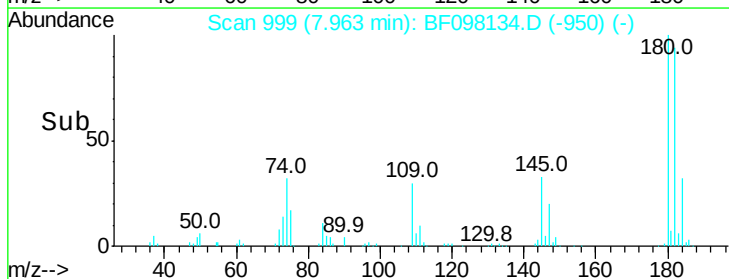
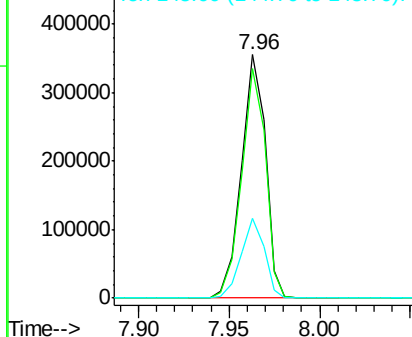


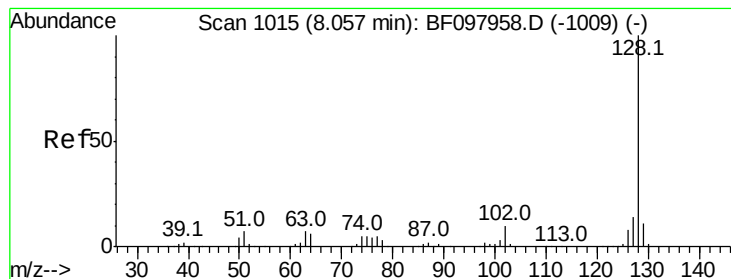
#30
1,2,4-Trichlorobenzene
Concen: 40.981 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Tgt Ion	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

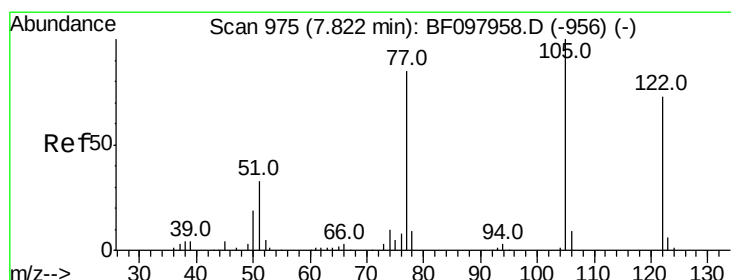
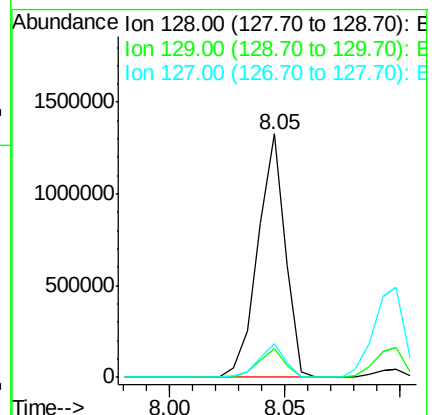
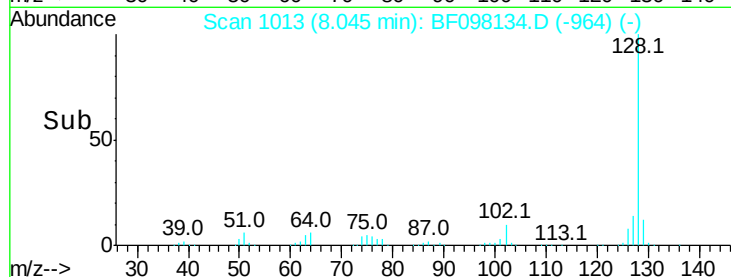
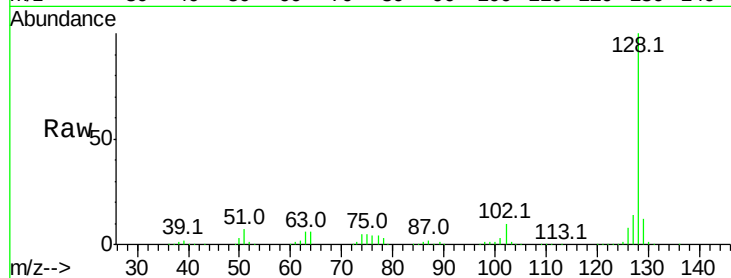
Instrument :

BNA_F

ClientSampleId :

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

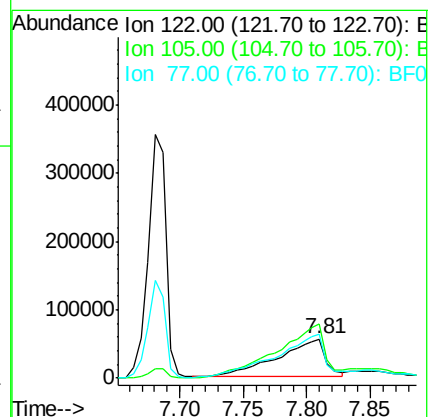
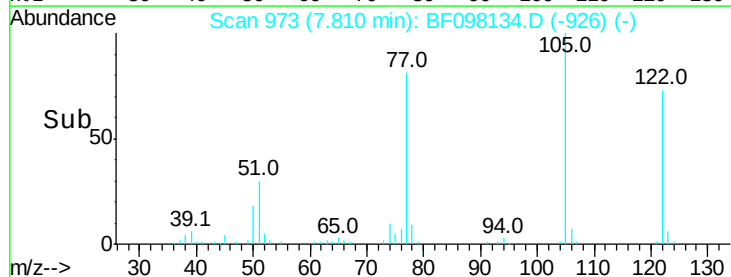
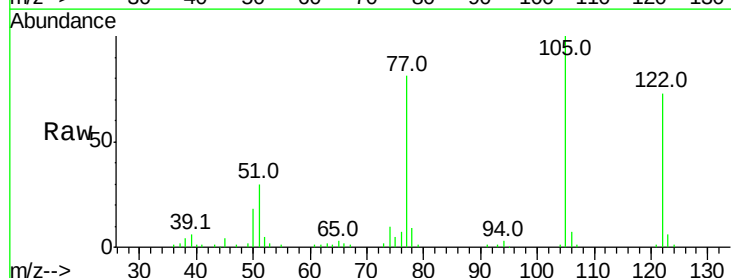
Delta R.T. -0.02 min

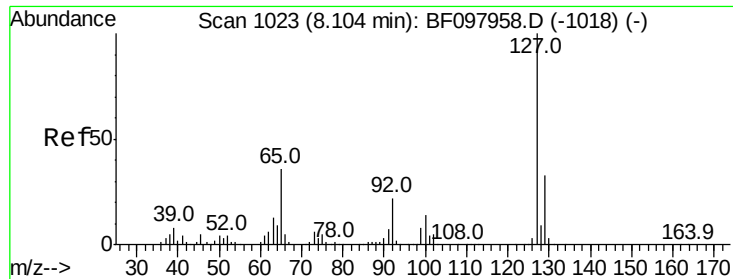
Lab File: BF098134.D

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

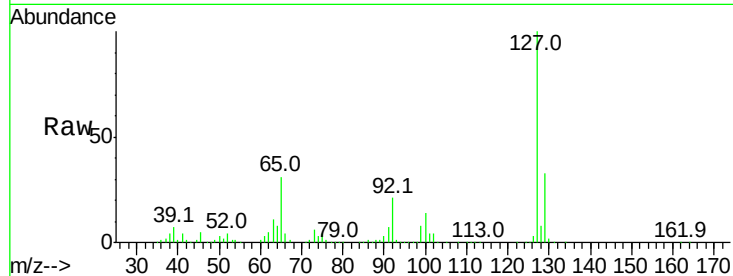




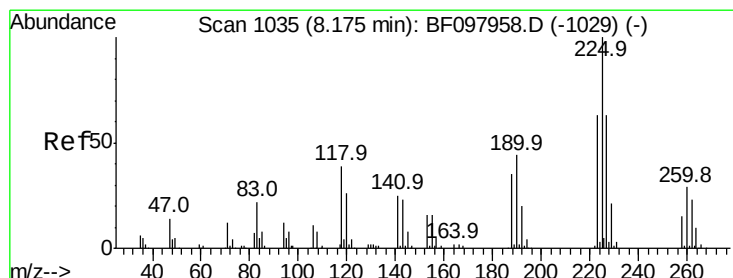
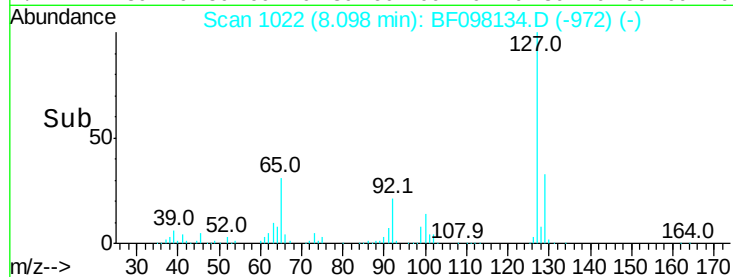
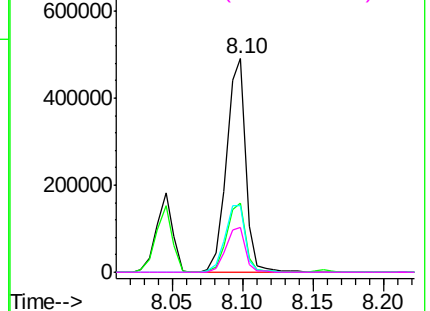
#33
4-Chloroaniline
Concen: 38.654 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Instrument :
BNA_F
ClientSampleId :

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

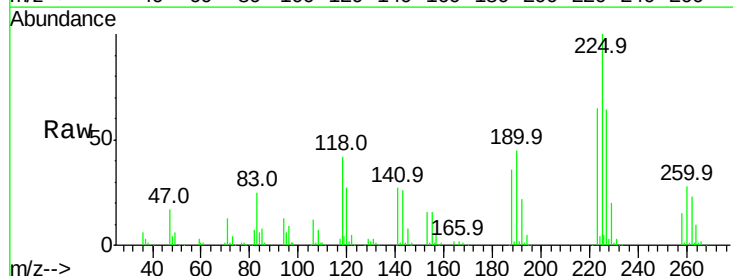


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

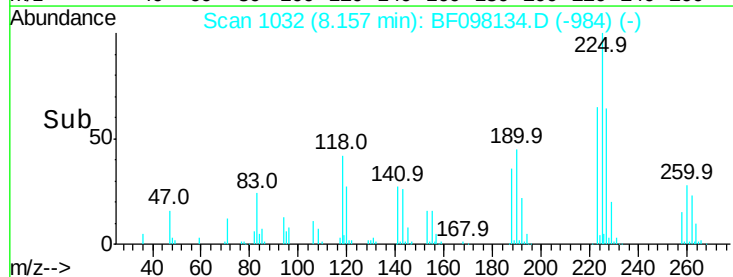
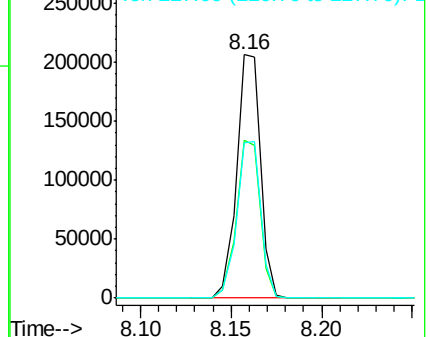


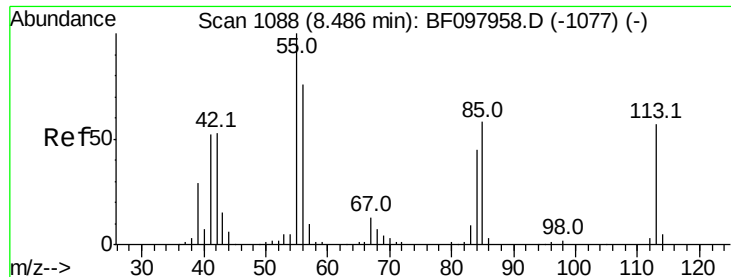
#34
Hexachlorobutadiene
Concen: 40.648 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

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

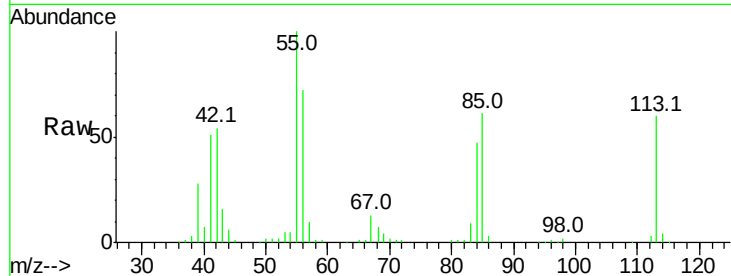




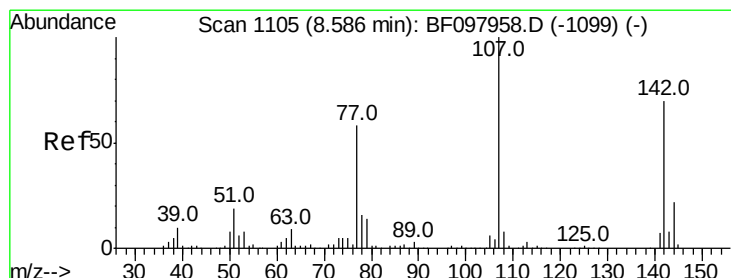
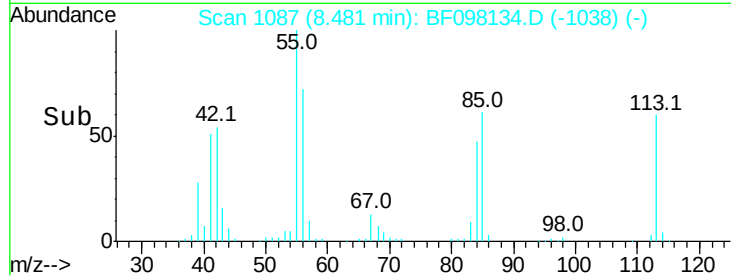
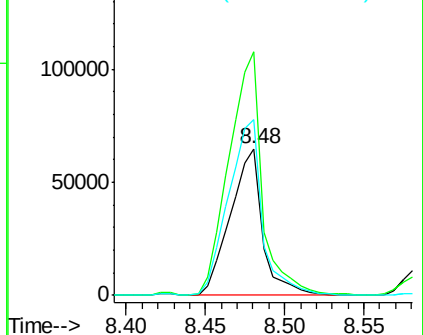
#35
 Caprolactam
 Concen: 37.320 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampled :

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

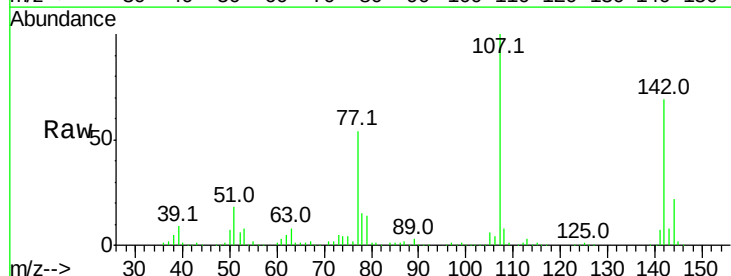


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

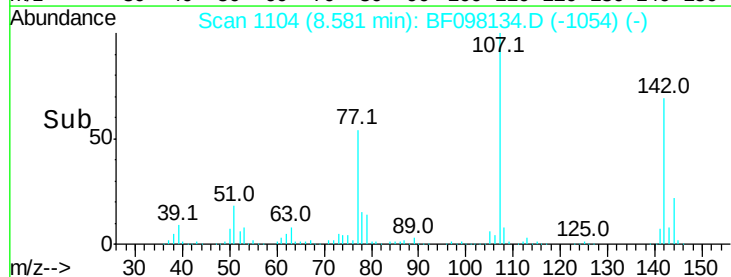
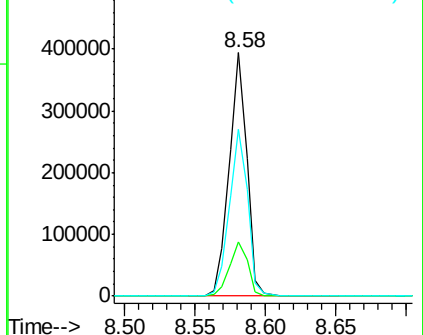


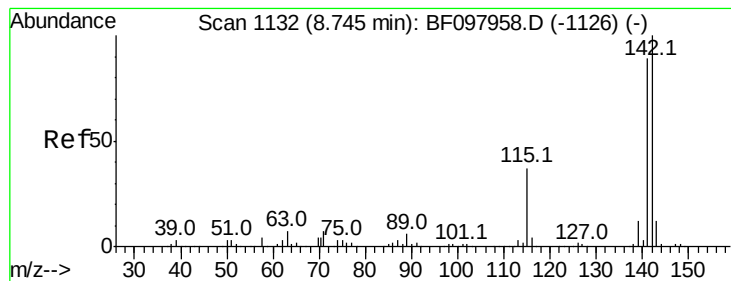
#36
 4-Chloro-3-methylphenol
 Concen: 37.407 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

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 :

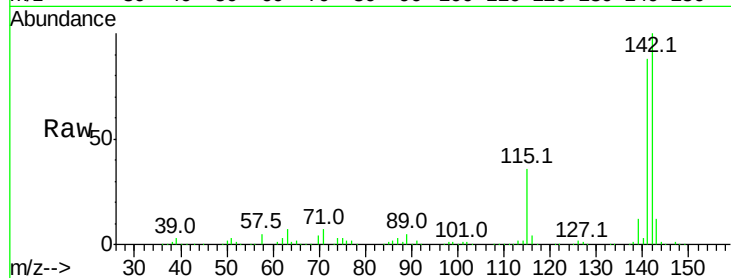
Tot Ion:142 Resp: 663953

Ion Ratio Lower Upper

142 100

141 88.4 71.3 106.9

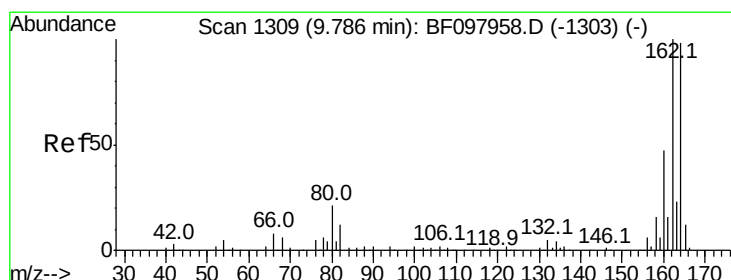
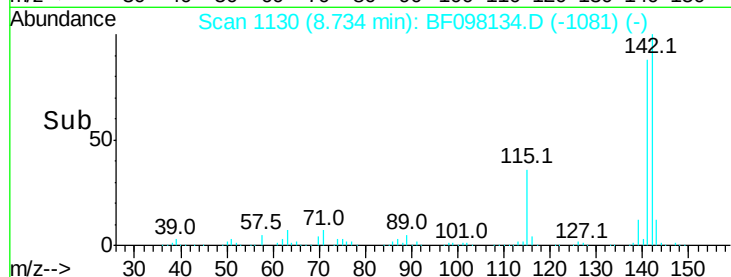
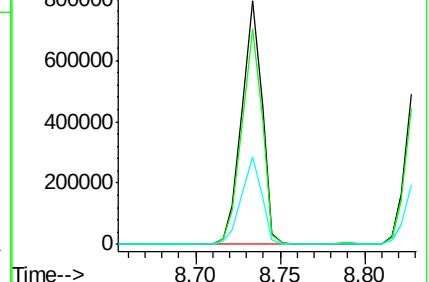
115 36.2 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

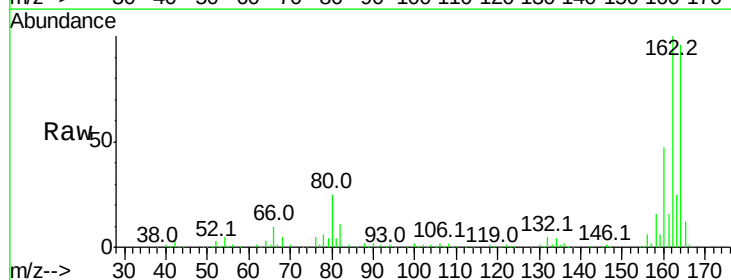
Tgt Ion:164 Resp: 217644

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

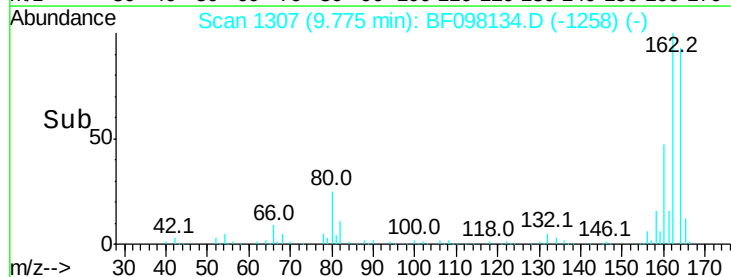
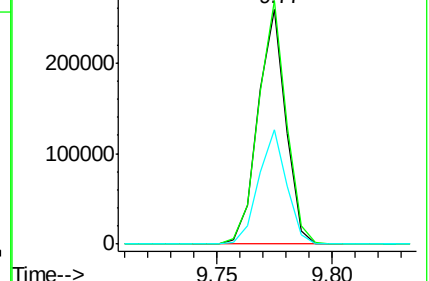
160 49.0 36.2 54.2

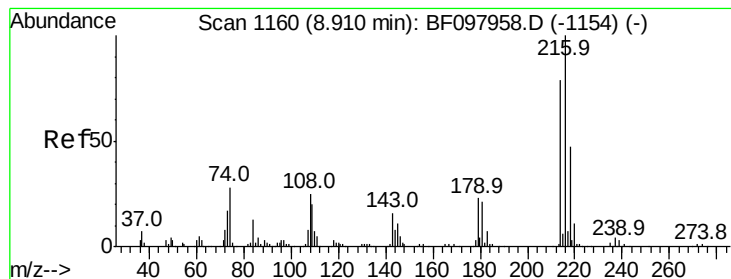


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 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

ClientSampled :

Tot Ion:216 Resp: 286409

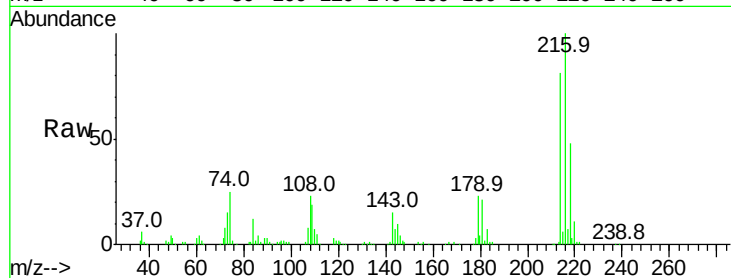
Ion Ratio Lower Upper

216 100

214 80.8 63.4 95.2

179 22.1 17.9 26.9

108 22.4 16.5 24.7

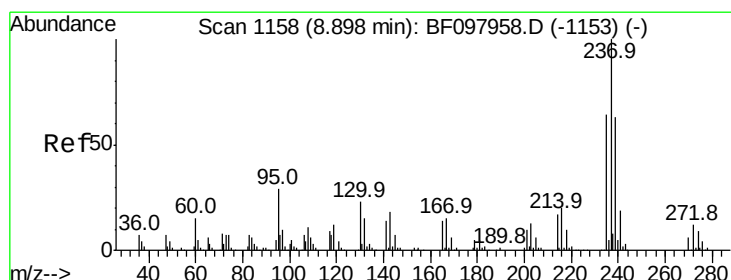
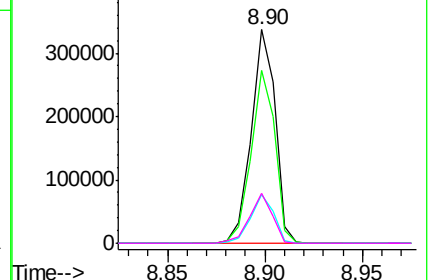
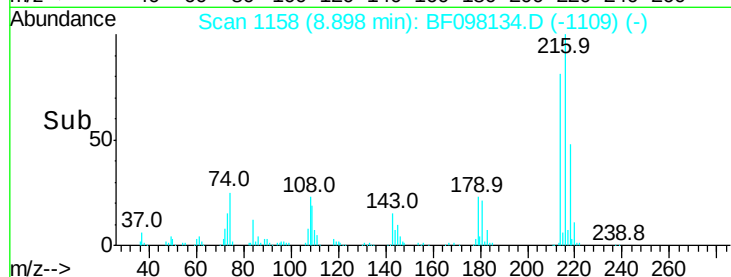


Abundance Ion 216.00 (215.70 to 216.70): E

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



#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

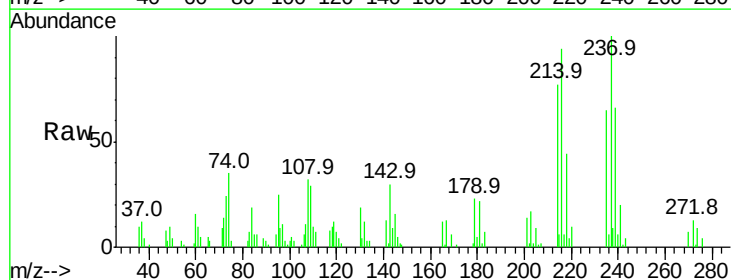
Tgt Ion:237 Resp: 31171

Ion Ratio Lower Upper

237 100

235 64.7 42.6 82.6

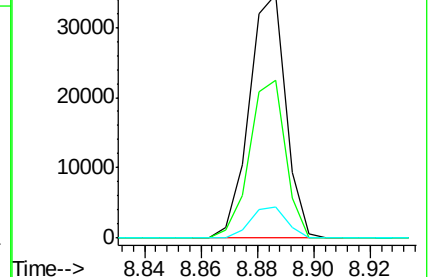
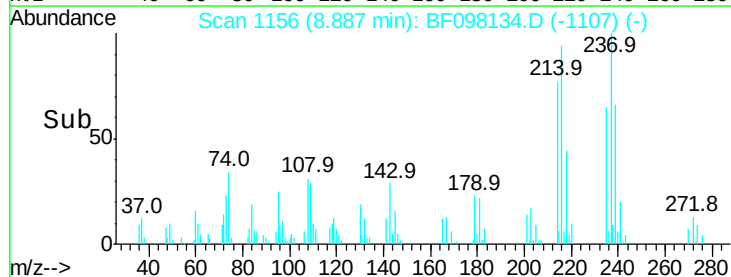
272 12.9 0.0 31.9

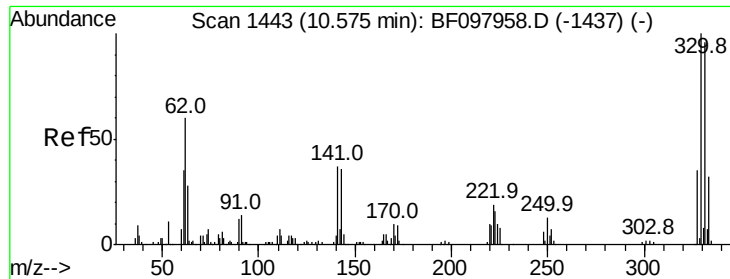


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

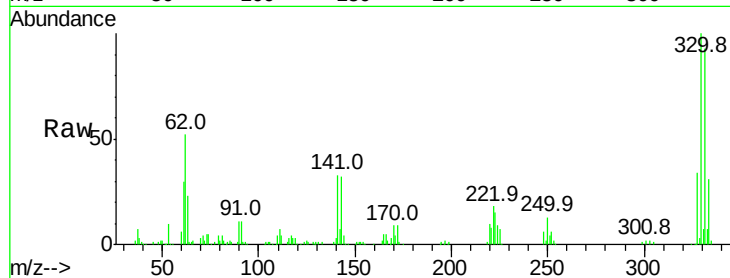




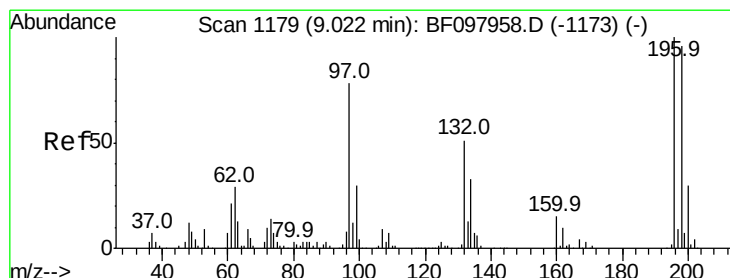
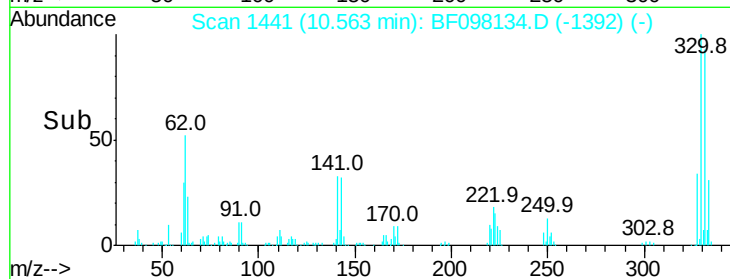
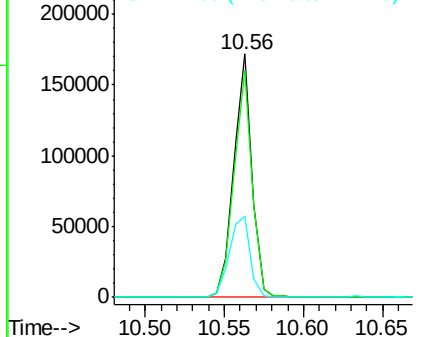
#41
 2,4,6-Tribromophenol
 Concen: 72.721 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampleId :

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

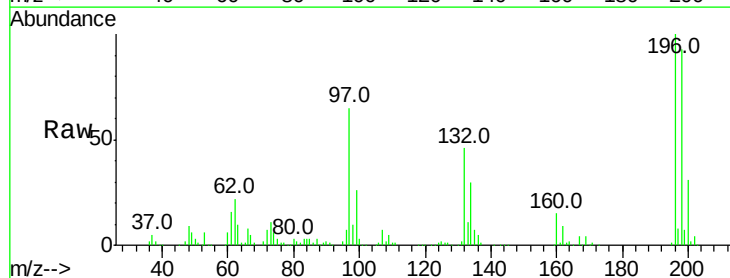


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

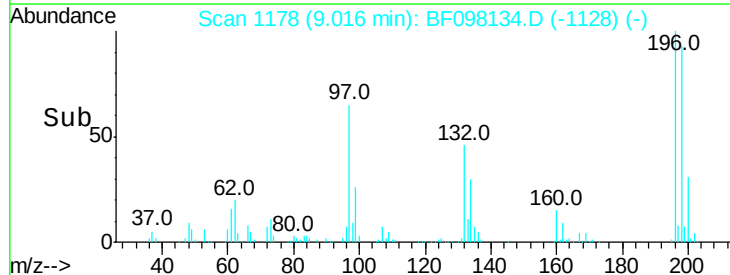
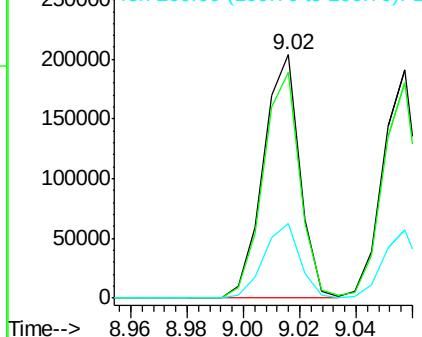


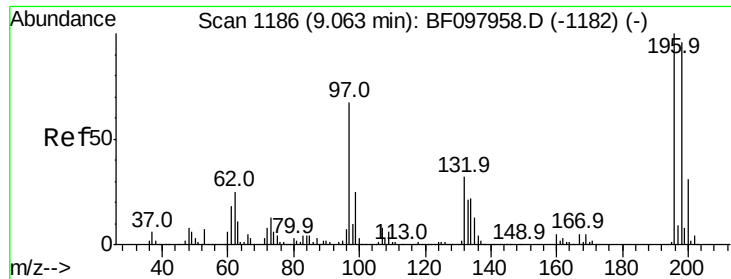
#42
 2,4,6-Trichlorophenol
 Concen: 40.715 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

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



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

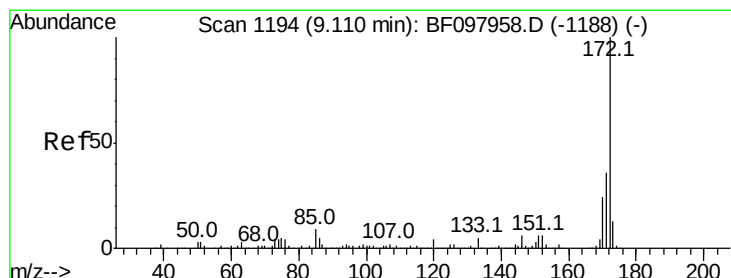
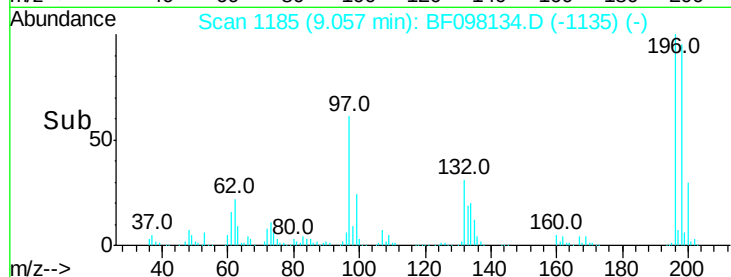
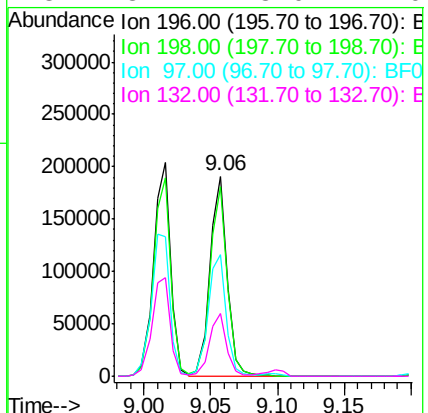
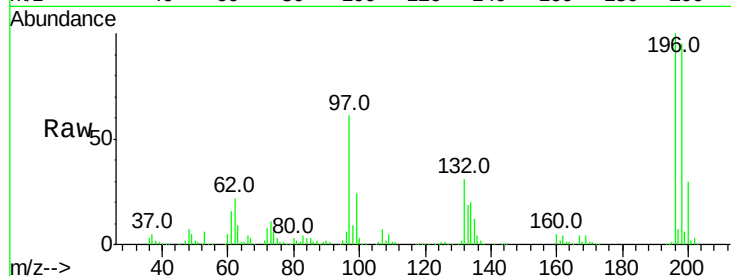




#43
 2,4,5-Trichlorophenol
 Concen: 38.933 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

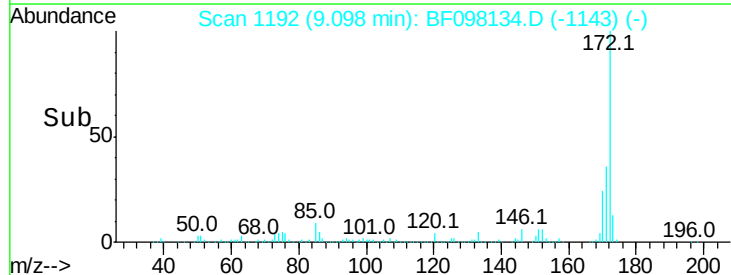
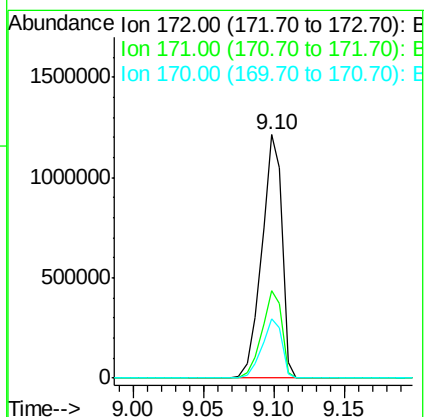
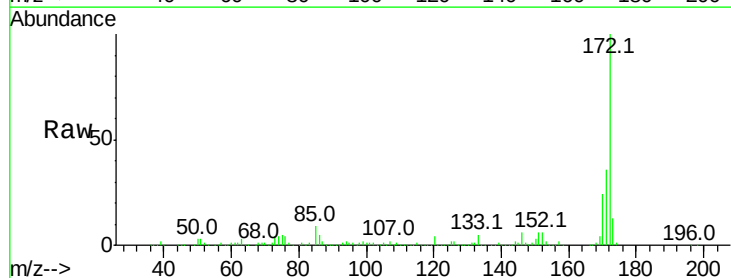
Instrument :
 BNA_F
 ClientSampleId :

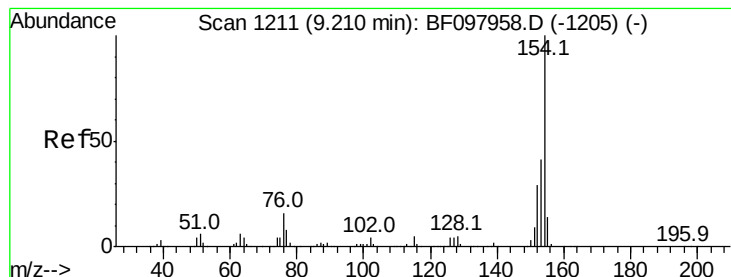
Tot Ion:	196	Resp:	173206
Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
97	61.1	47.7	71.5
132	31.1	28.0	42.0



#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





#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 :

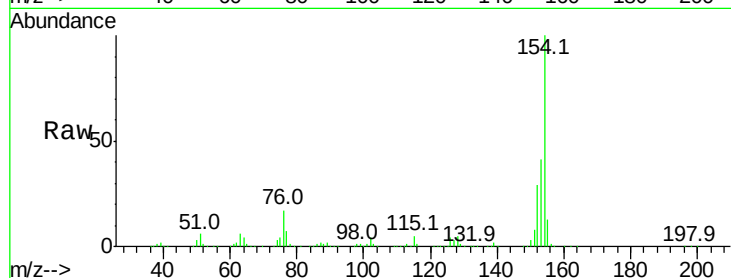
Tot Ion:154 Resp: 837939

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

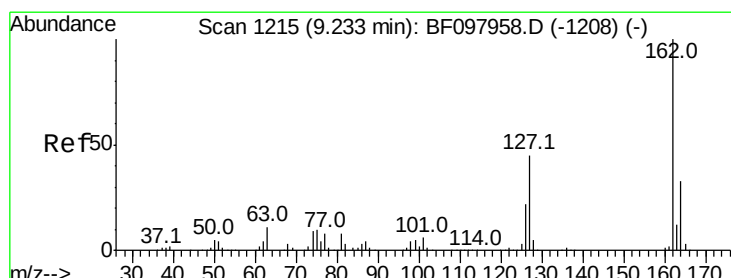
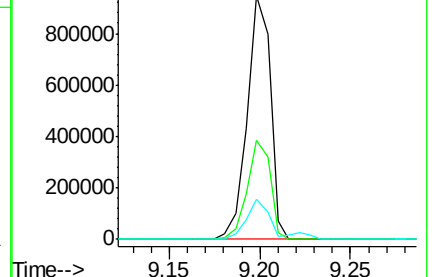
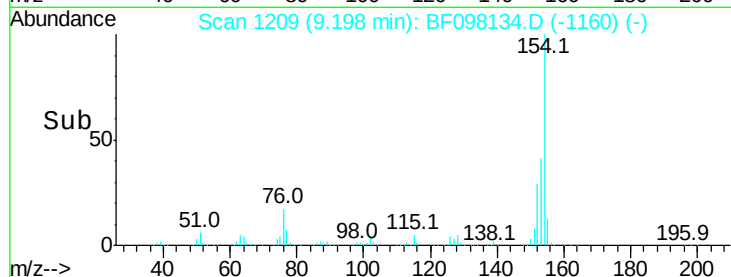
76 16.6 0.0 29.9



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

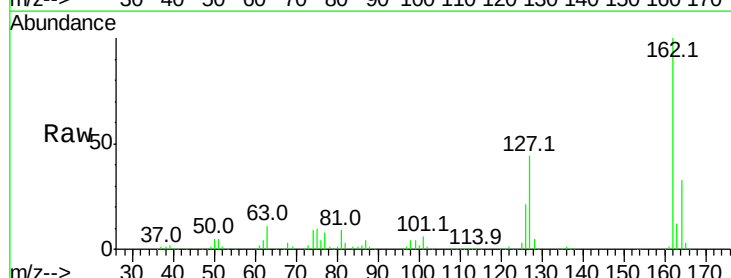
Tgt Ion:162 Resp: 594334

Ion Ratio Lower Upper

162 100

127 44.3 28.3 42.5#

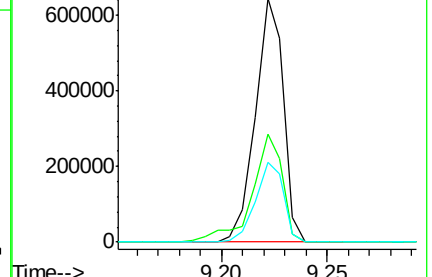
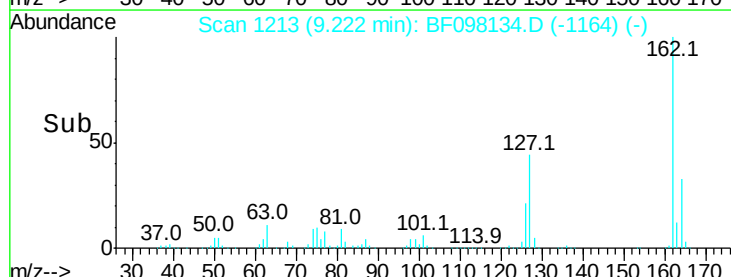
164 32.8 27.0 40.4

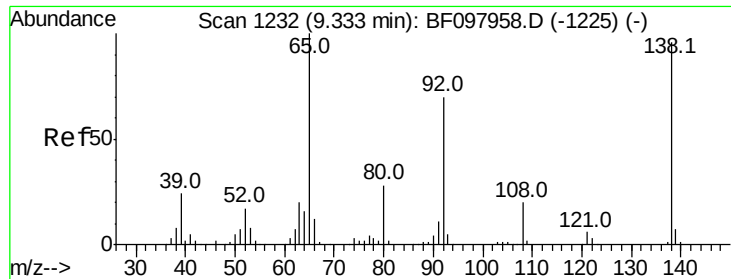


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

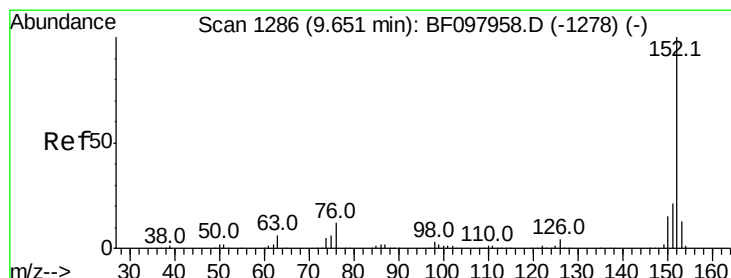
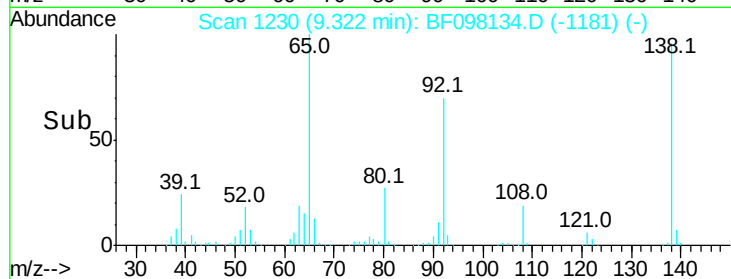
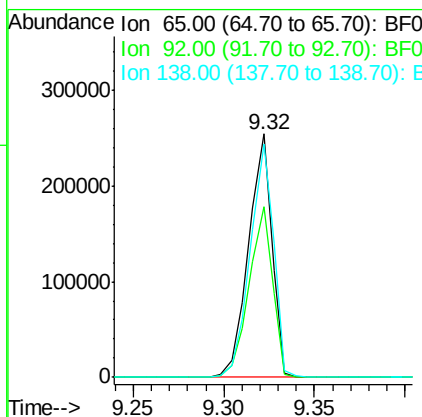
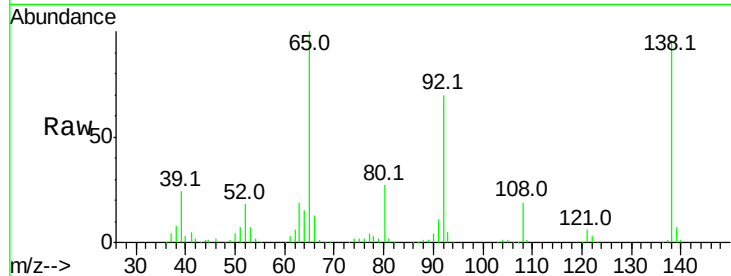




#47
 2-Nitroaniline
 Concen: 46.488 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

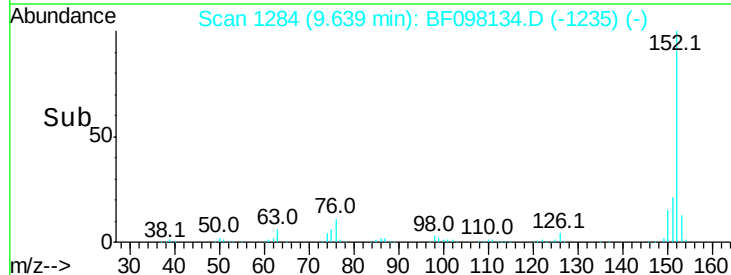
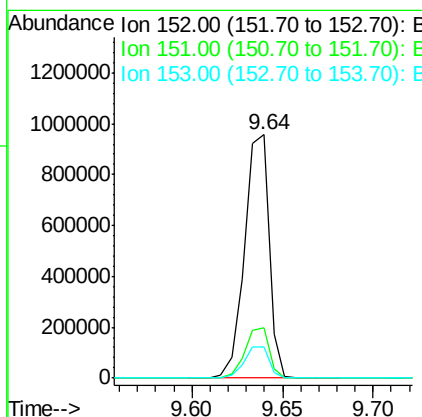
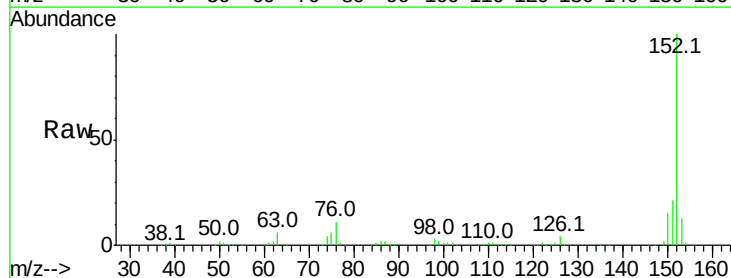
Instrument :
 BNA_F
 ClientSampleId :

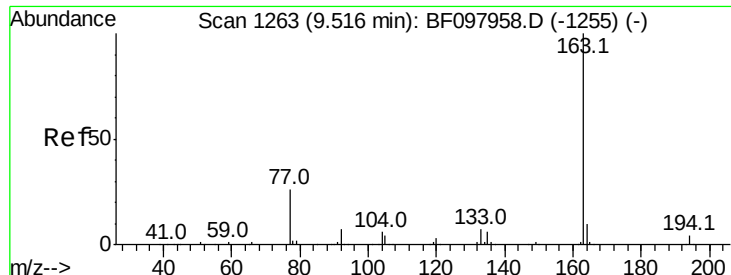
Tot Ion: 65 Resp: 228542
 Ion Ratio Lower Upper
 65 100
 92 70.2 53.9 80.9
 138 95.7 78.8 118.2



#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

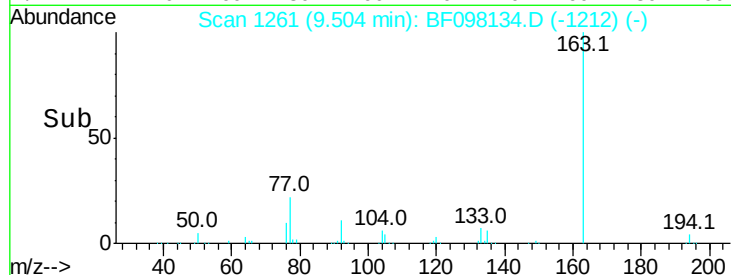
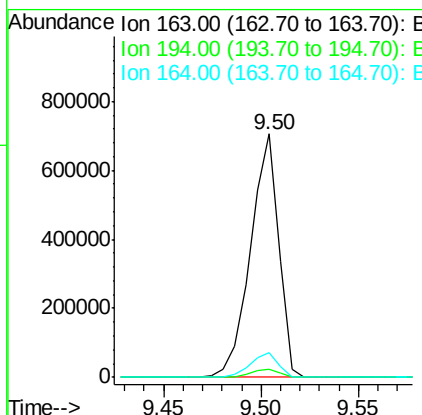
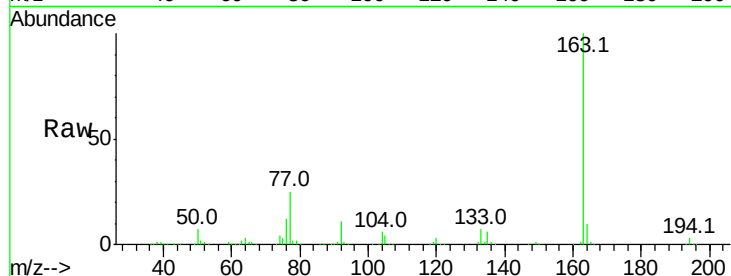




#49
Dimethylphthalate
Concen: 44.315 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

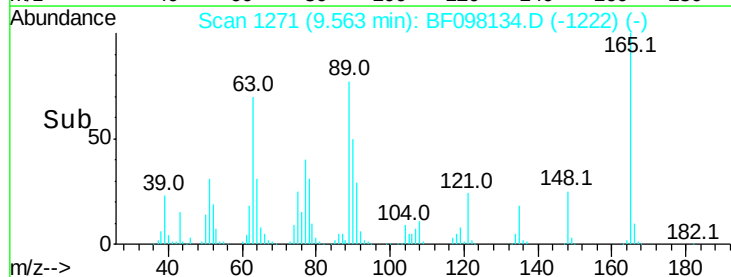
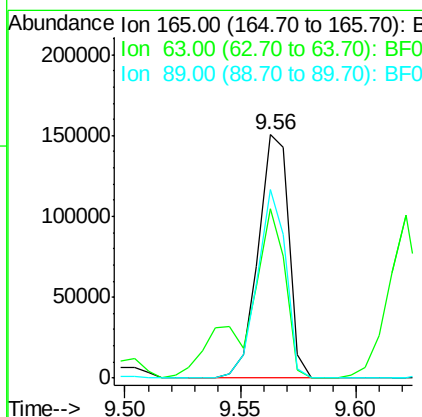
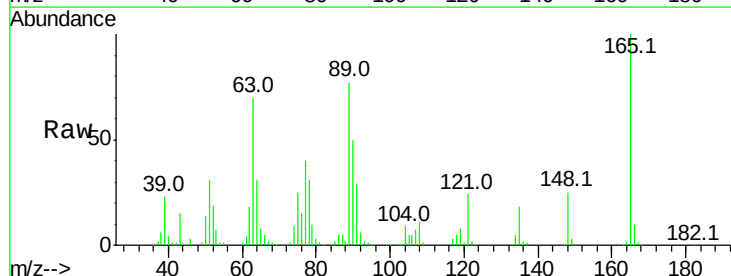
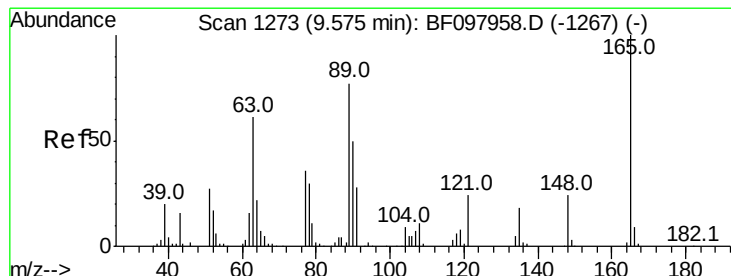
Instrument :
BNA_F
ClientSampleId :

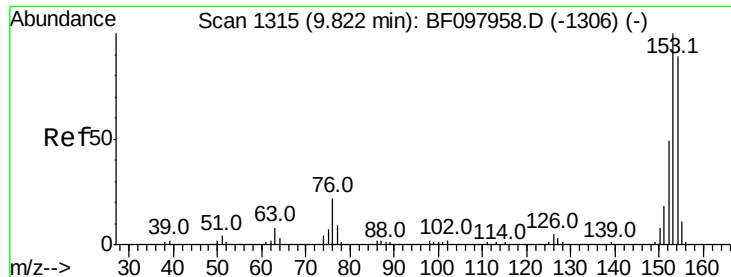
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.4	12.6



#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 :

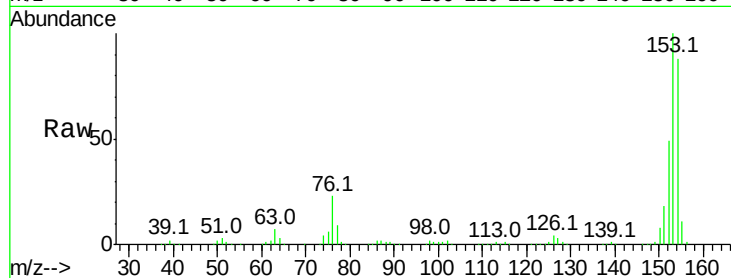
Tot Ion:154 Resp: 532907

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

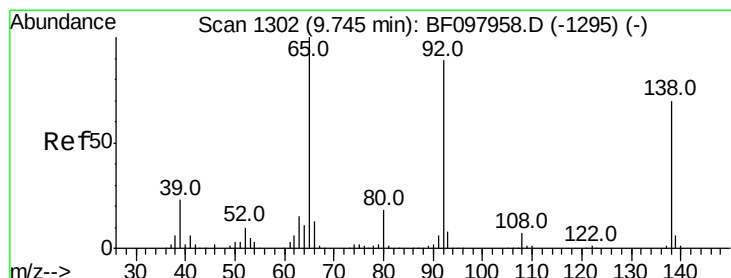
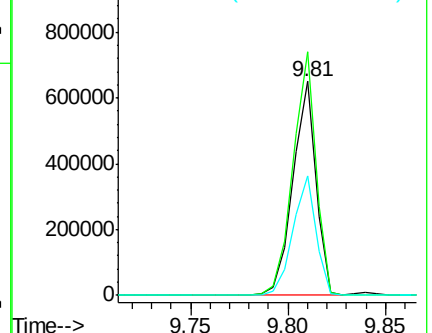
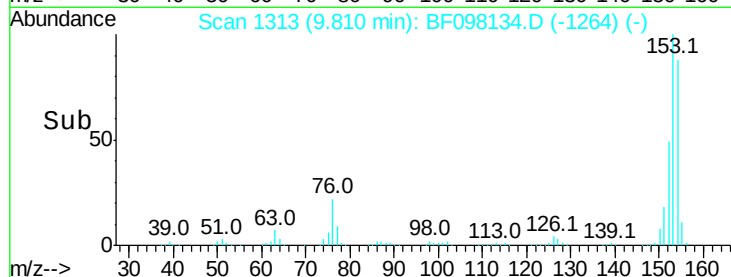
152 55.8 43.6 65.4



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

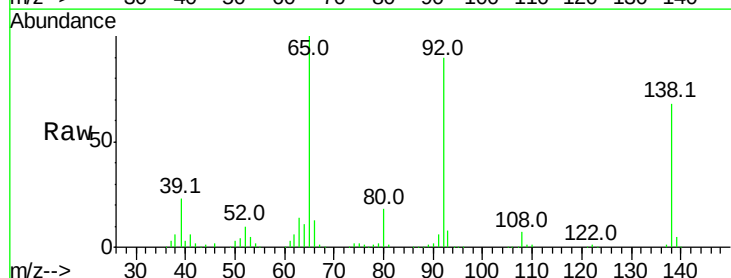
Tgt Ion:138 Resp: 176600

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

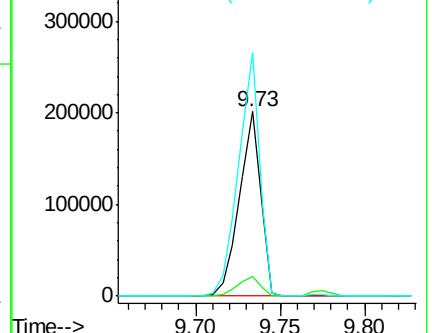
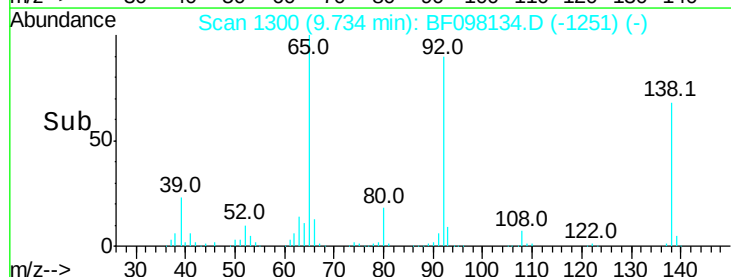
92 132.1 93.8 140.6

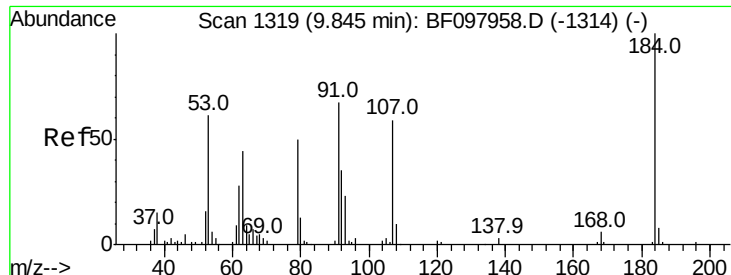


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

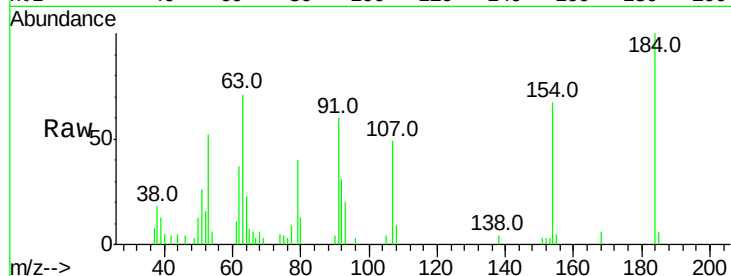




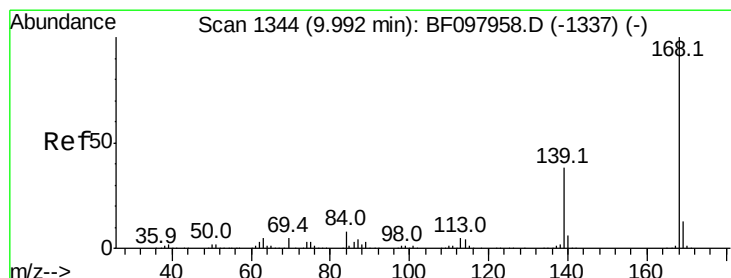
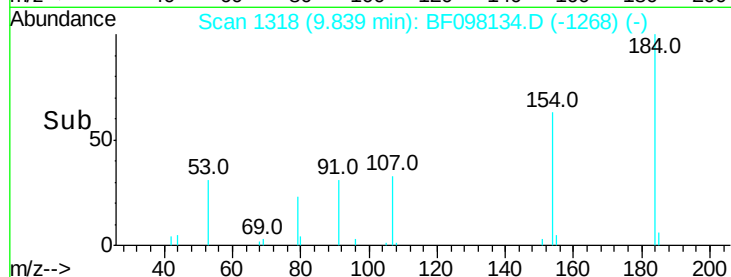
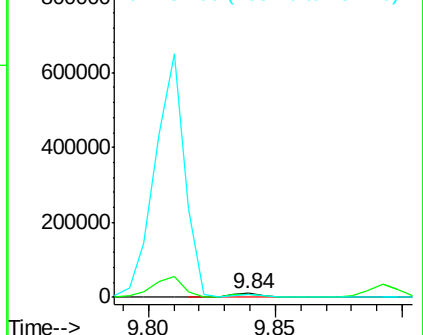
#53
2,4-Dinitrophenol
Concen: 15.954 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

Instrument :
BNA_F
ClientSampled :

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#

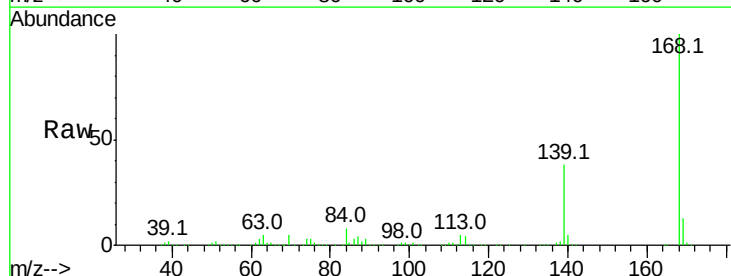


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

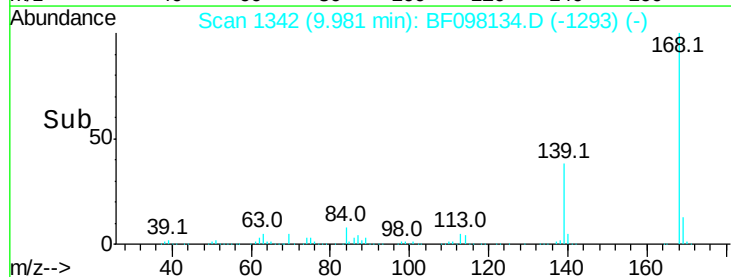
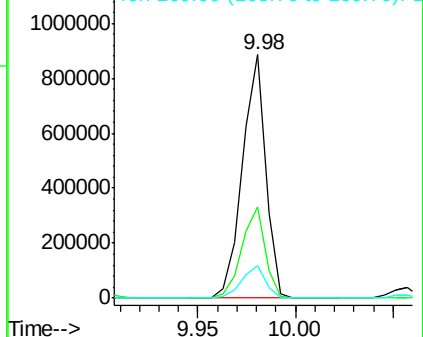


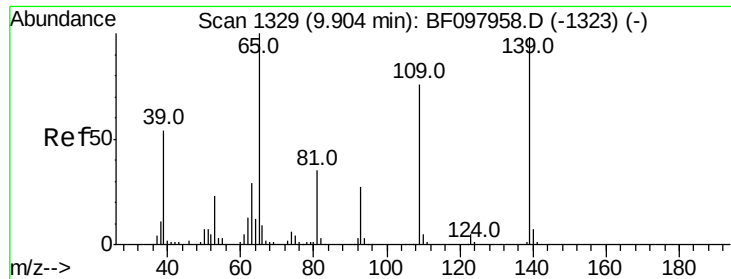
#54
Dibenzofuran
Concen: 37.723 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

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



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

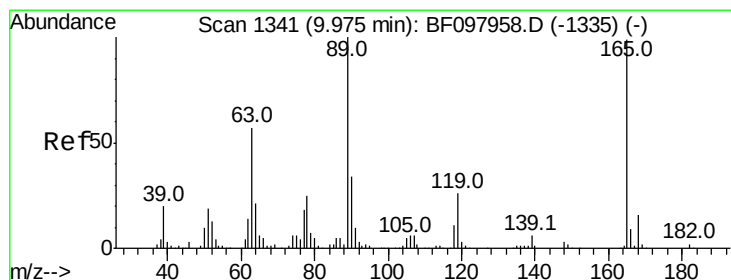
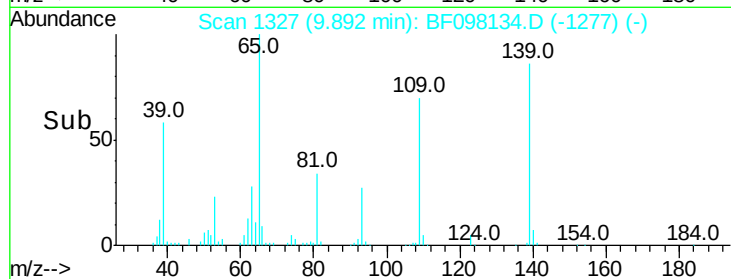
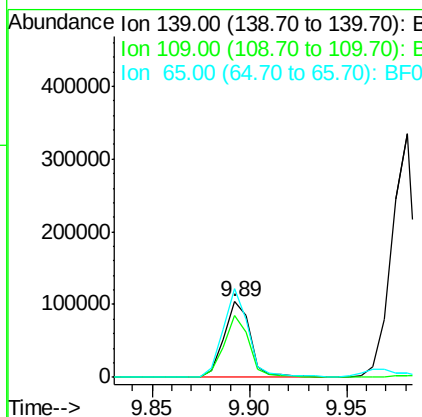
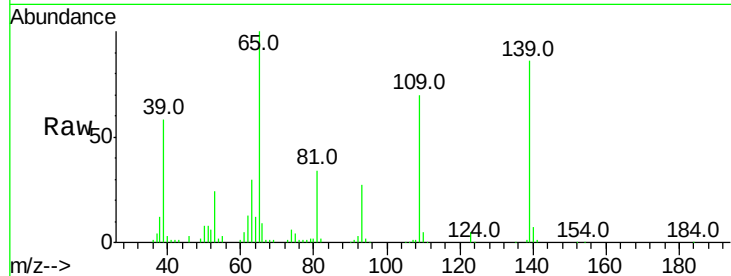




#55
4-Nitrophenol
Concen: 30.167 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

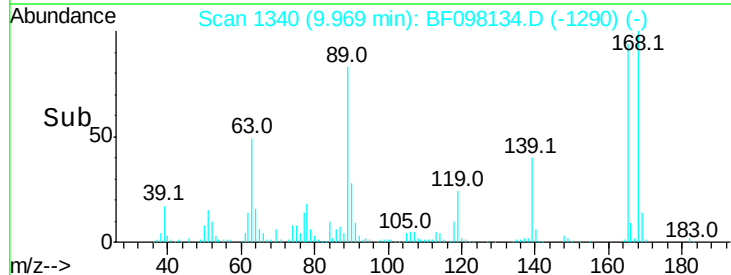
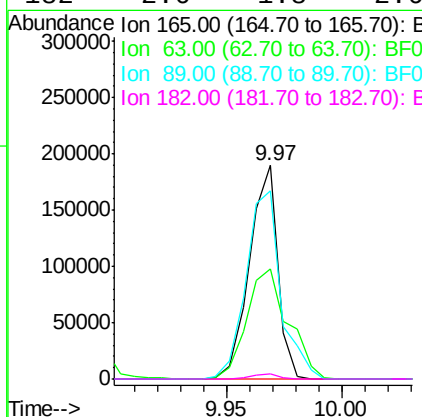
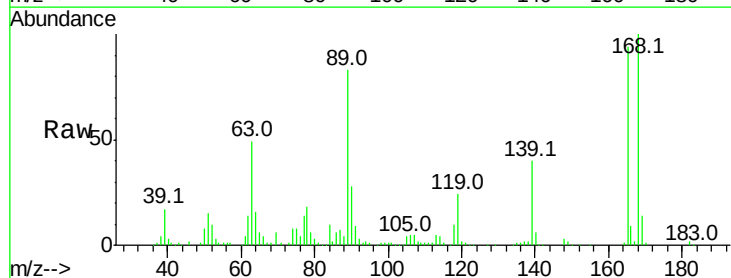
Instrument :
BNA_F
ClientSampled :

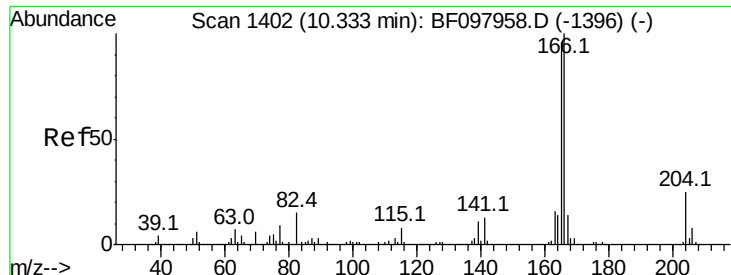
Tot Ion	Ratio	Lower	Upper
139	100		
109	81.4	34.1	74.1#
65	116.8	31.4	71.4#



#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	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

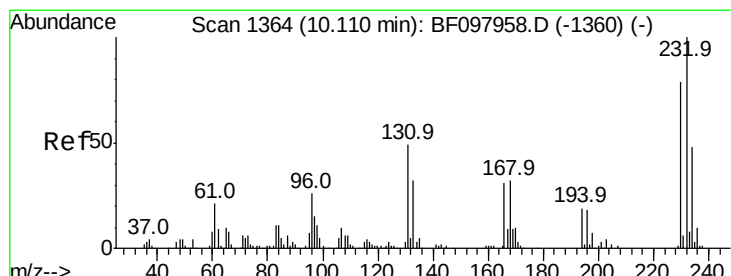
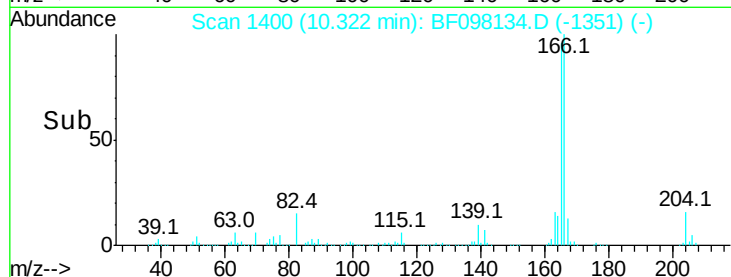
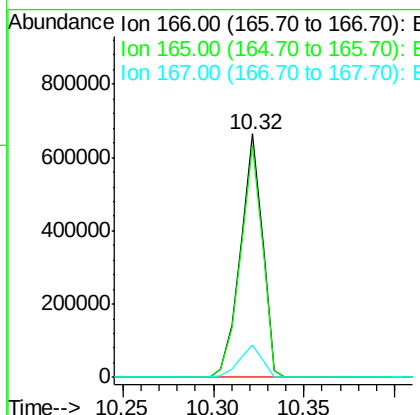
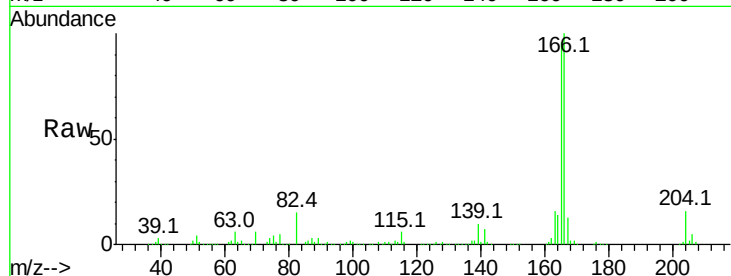




#57
 Fluorene
 Concen: 37.189 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

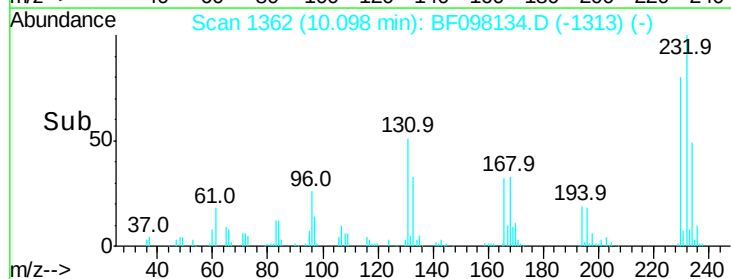
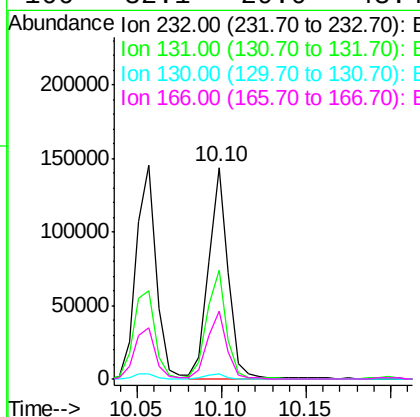
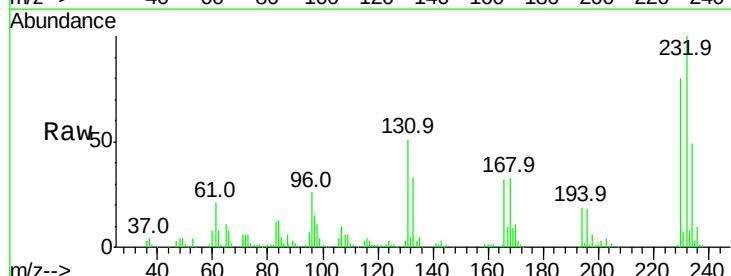
Instrument :
 BNA_F
 ClientSampleId :

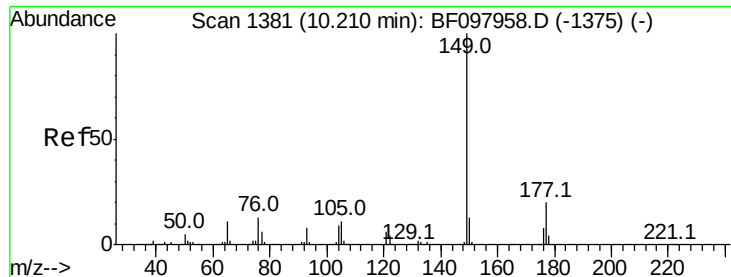
Tot Ion	Ratio	Lower	Upper
166	100		
165	95.6	78.8	118.2
167	13.4	10.6	16.0



#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	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

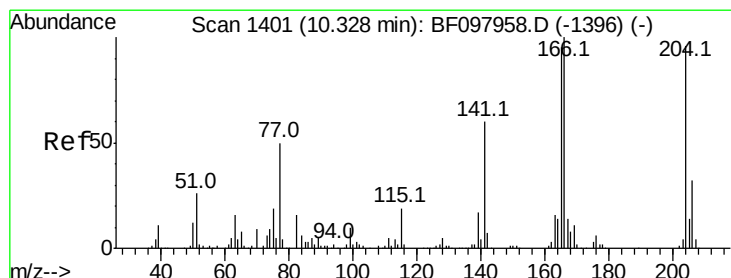
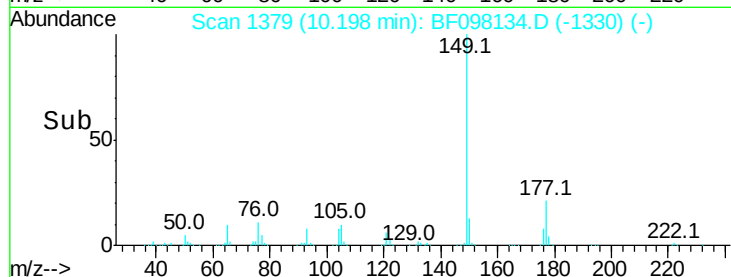
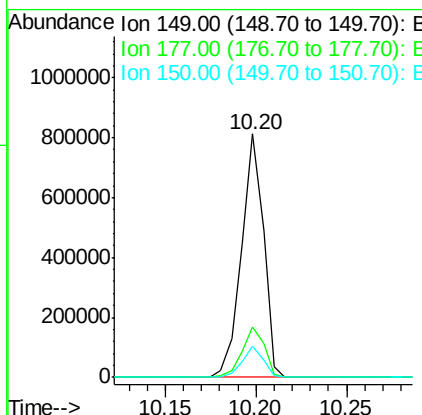
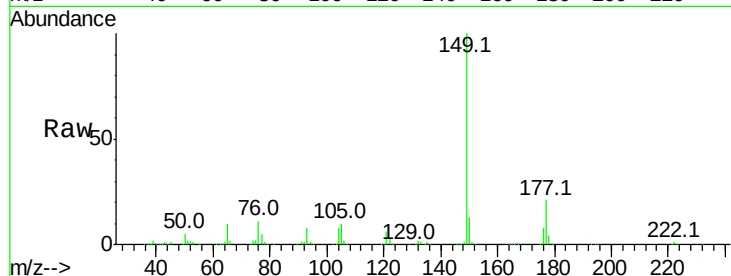




#59
Diethylphthalate
Concen: 41.085 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

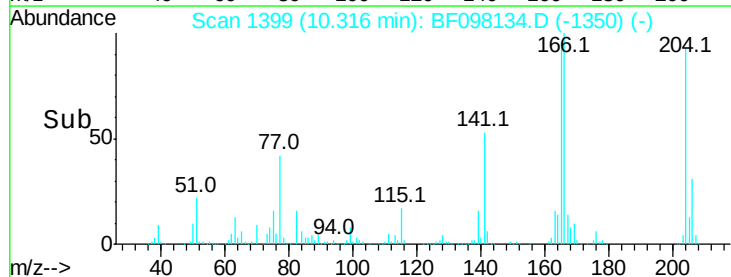
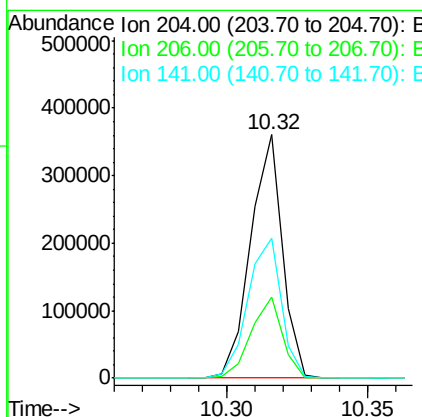
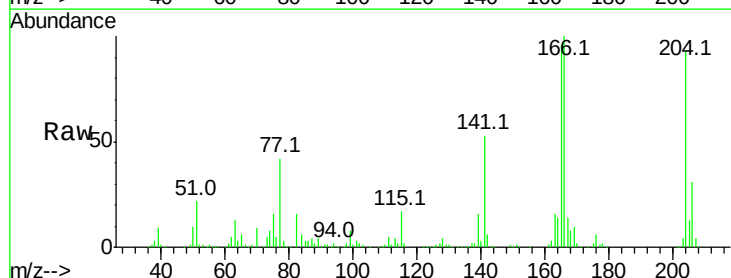
Instrument :
BNA_F
ClientSampled :

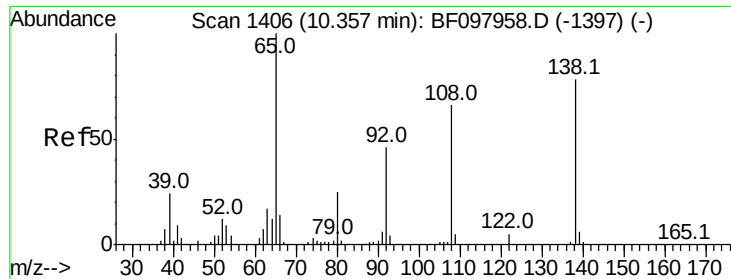
Tot Ion:149 Resp: 683519
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 13.0 10.2 15.2



#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:204 Resp: 282345
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

ClientSampled :

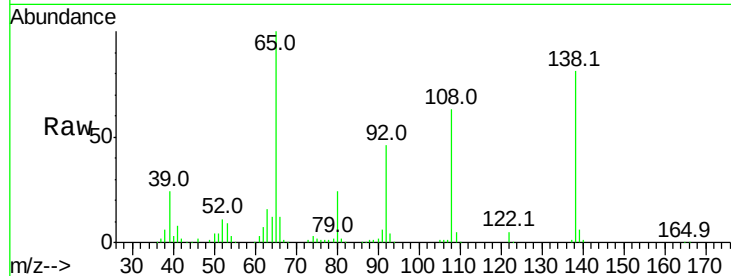
Tot Ion:138 Resp: 158078

Ion Ratio Lower Upper

138 100

92 56.9 21.8 61.8

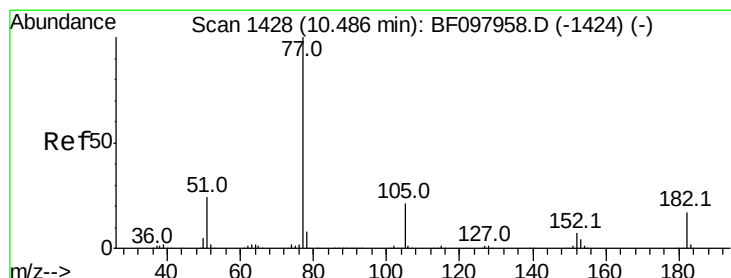
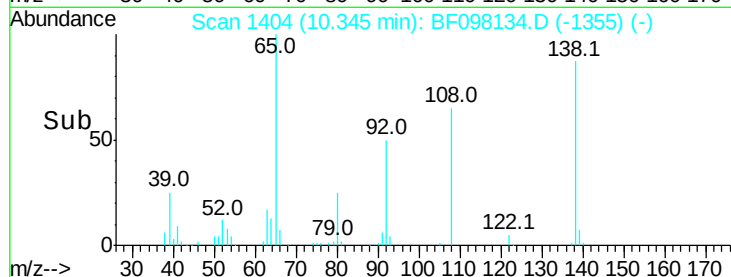
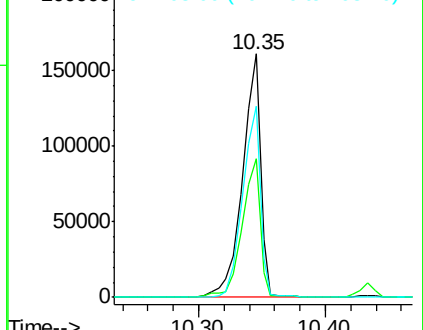
108 78.3 42.3 82.3



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

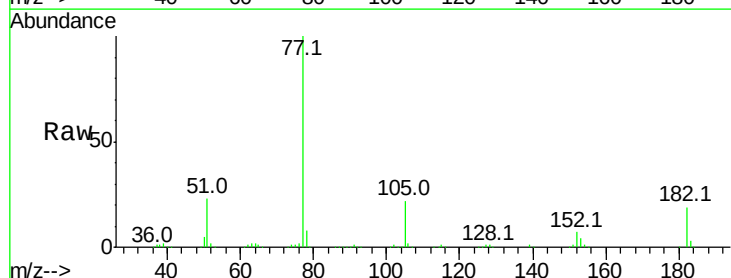
Ion Ratio Lower Upper

77 100

182 19.5 0.1 40.1

105 21.9 3.6 43.6

51 22.8 9.4 49.4

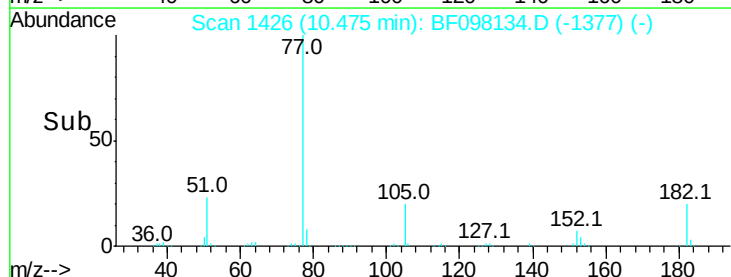
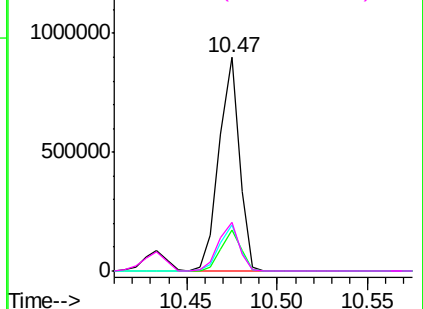


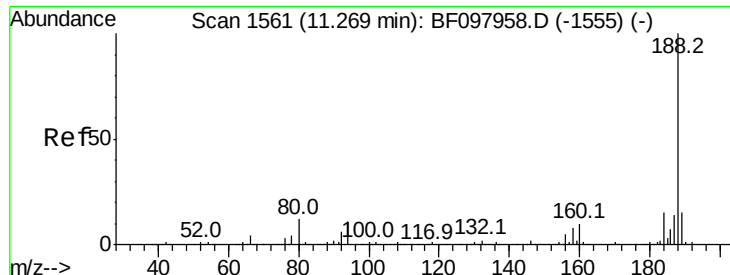
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

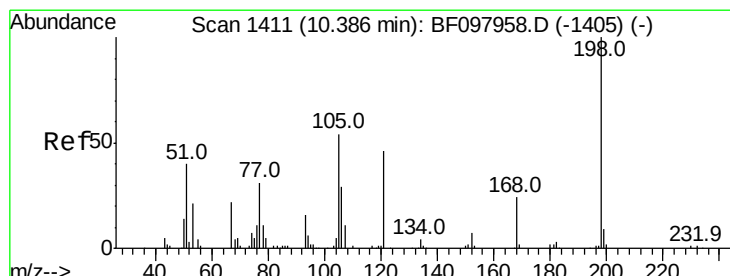
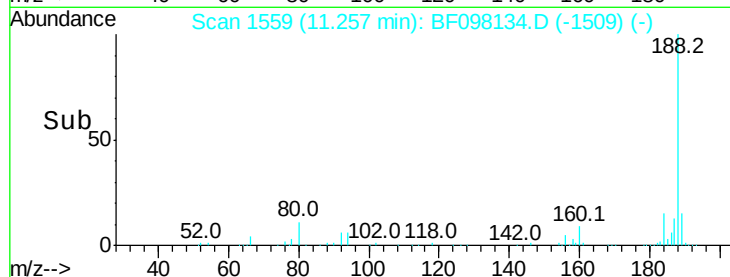
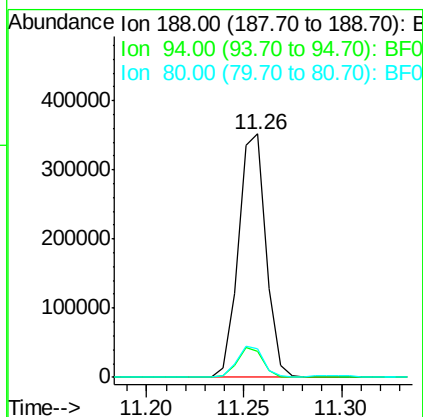
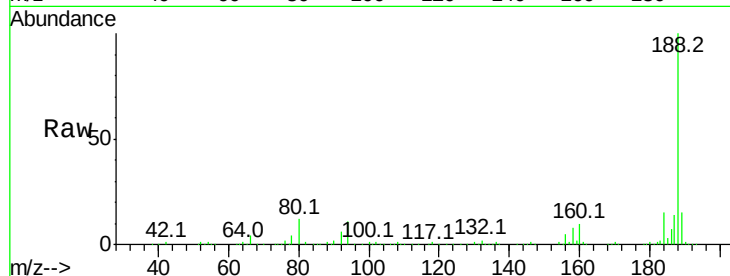




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

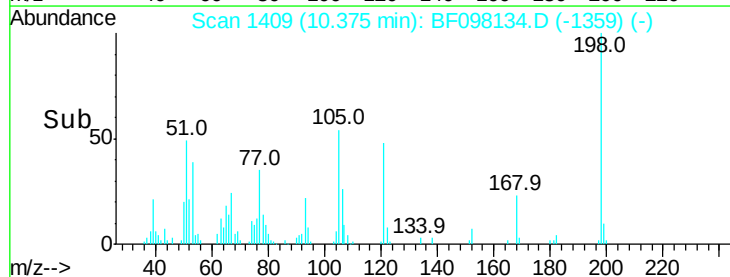
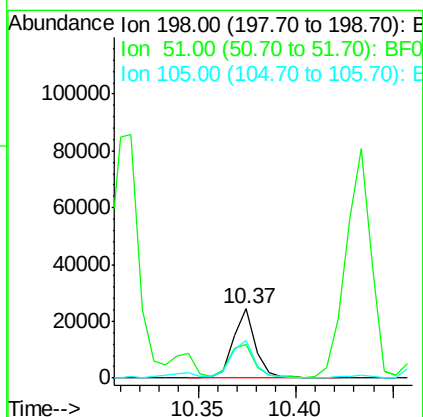
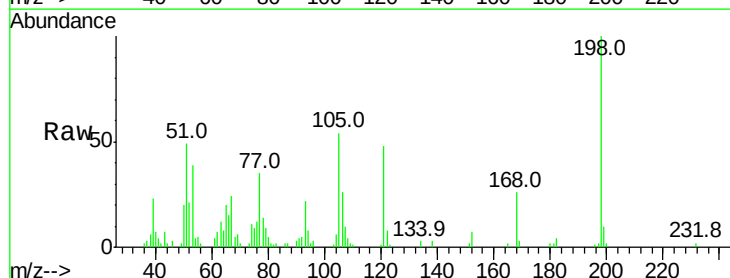
Instrument :
BNA_F
ClientSampleId :

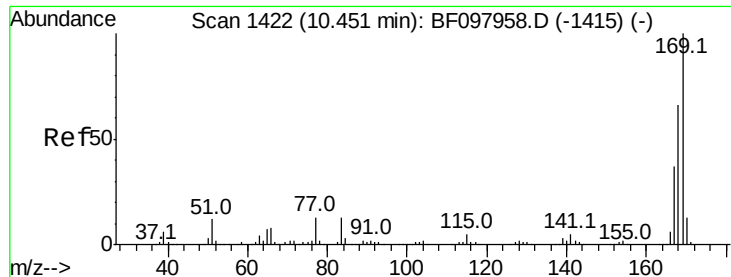
Tot Ion:188 Resp: 342343
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.5 10.2 15.2



#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

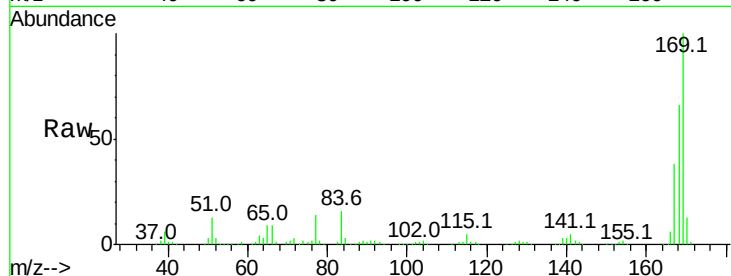




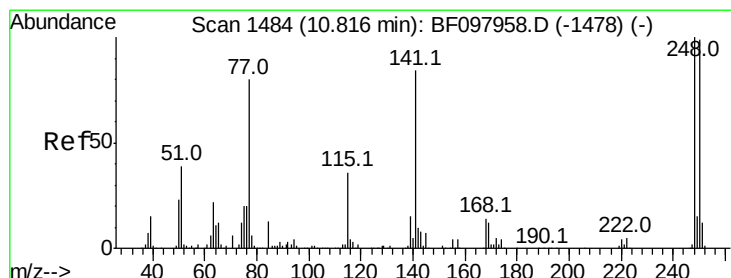
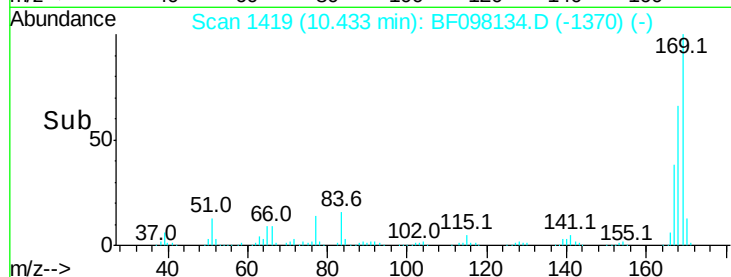
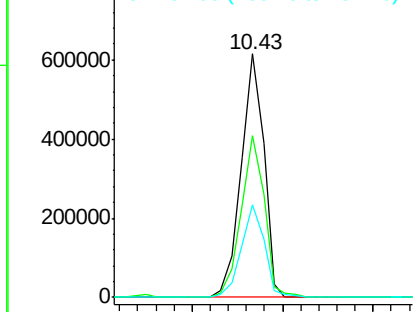
#65
 n-Nitrosodiphenylamine
 Concen: 45.952 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampleId :

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

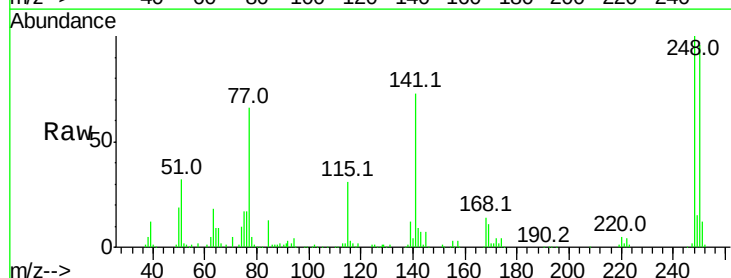


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

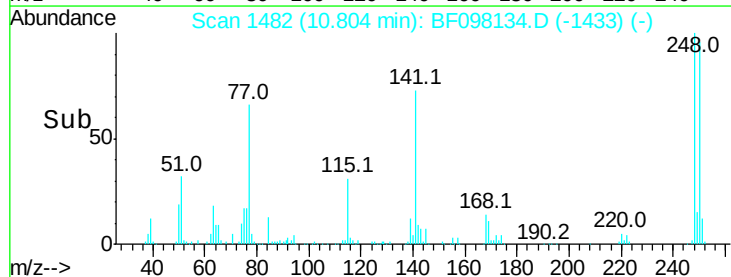
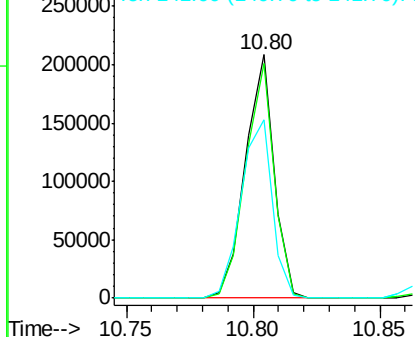


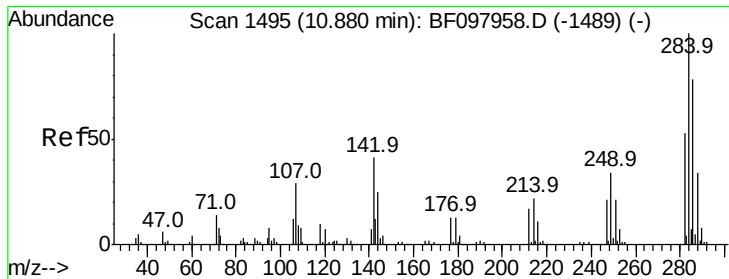
#66
 4-Bromophenyl-phenylether
 Concen: 46.337 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

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 :

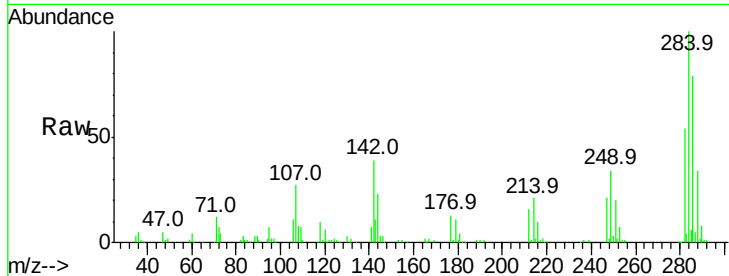
Tot Ion:284 Resp: 153123

Ion Ratio Lower Upper

284 100

142 38.5 22.8 34.2#

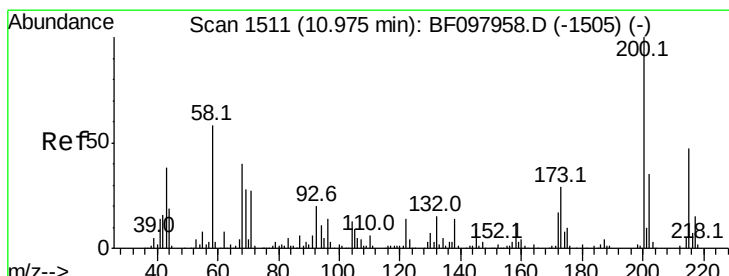
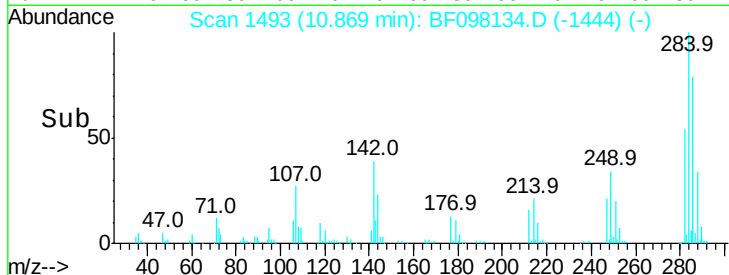
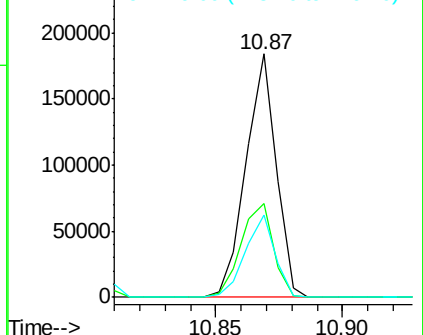
249 33.6 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 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

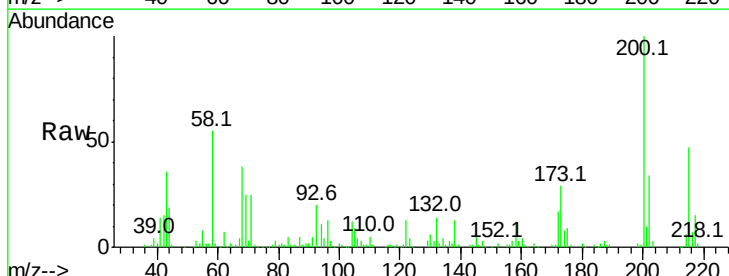
Tgt Ion:200 Resp: 122965

Ion Ratio Lower Upper

200 100

173 28.6 6.3 46.3

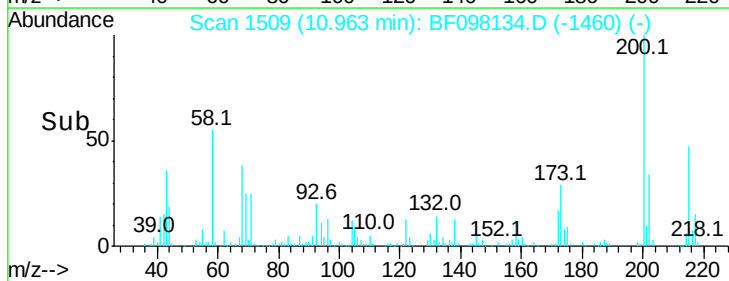
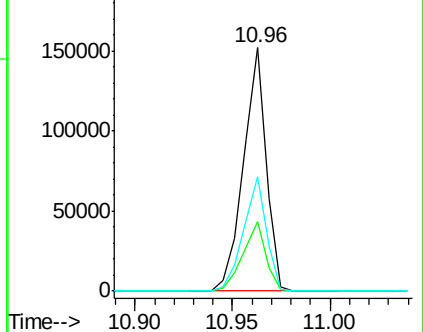
215 47.1 27.2 67.2

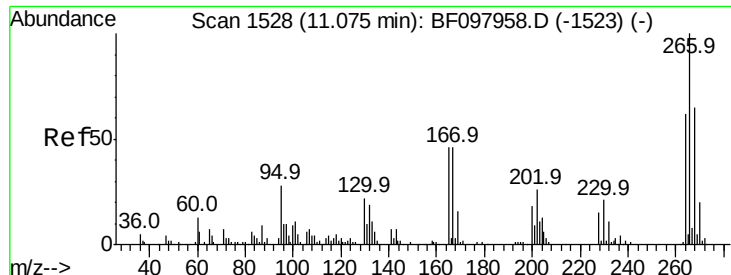


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

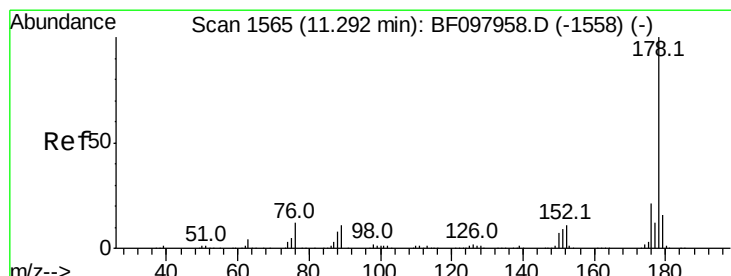
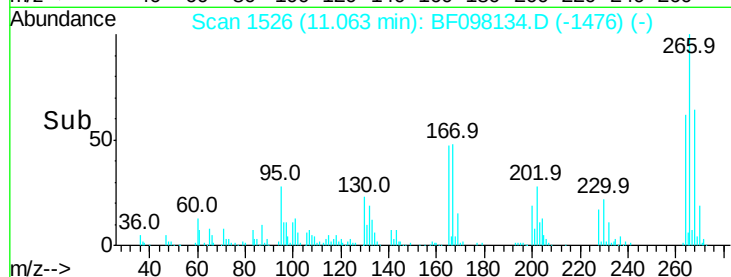
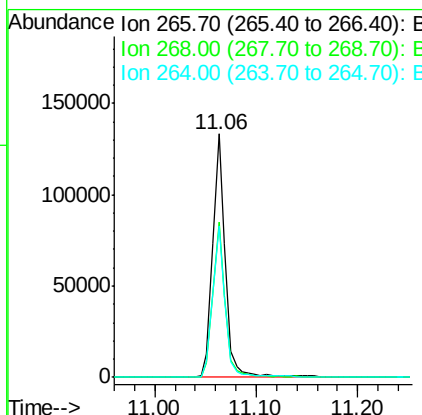
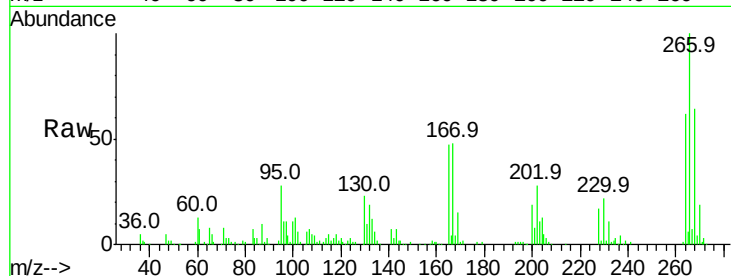




#69
 Pentachlorophenol
 Concen: 55.391 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

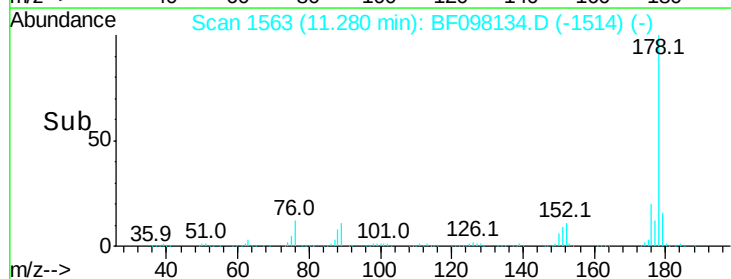
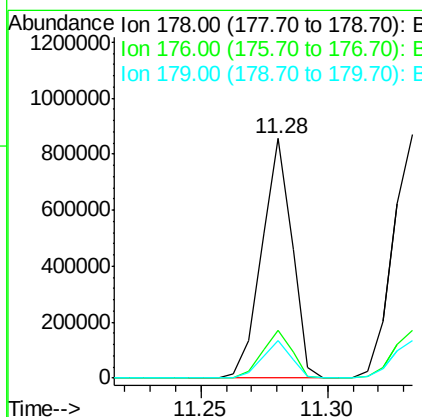
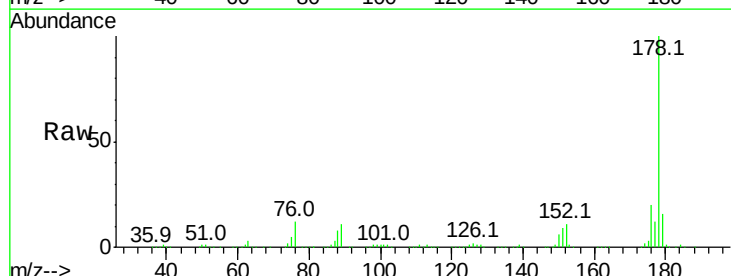
Instrument :
 BNA_F
 ClientSampleId :

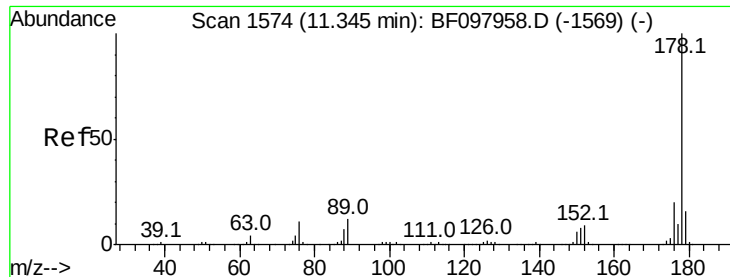
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	62.2	51.7	77.5



#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

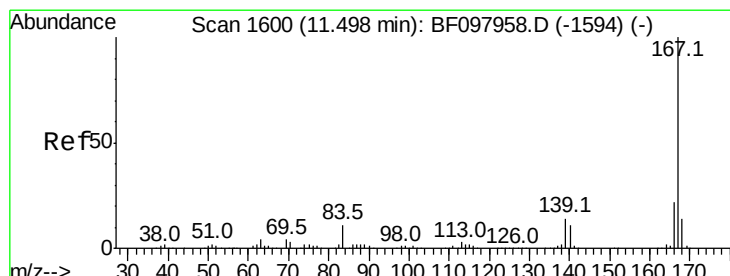
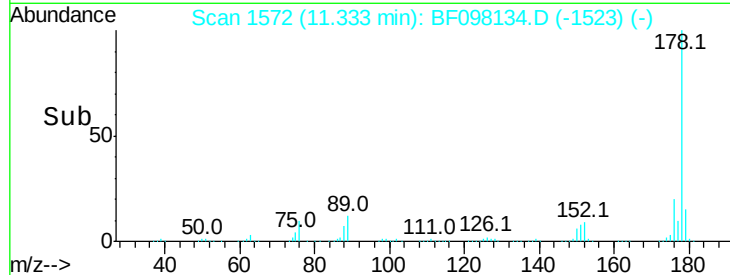
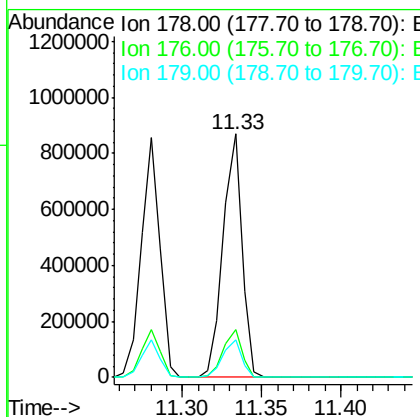
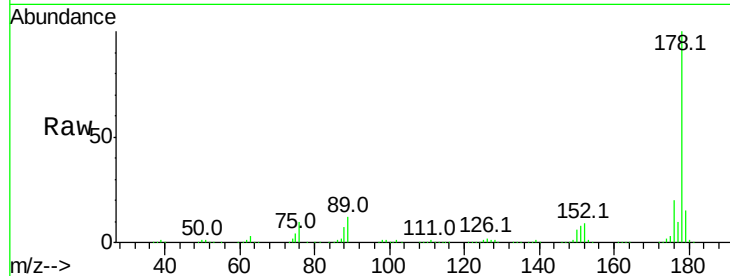




#71
 Anthracene
 Concen: 39.339 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

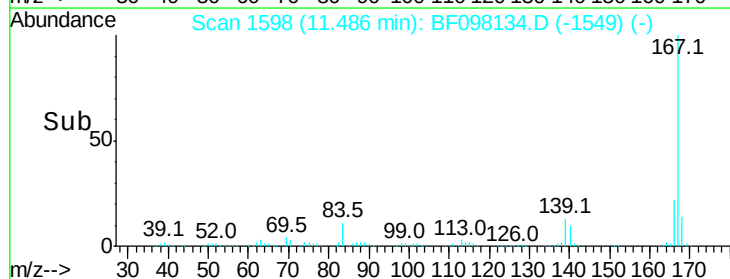
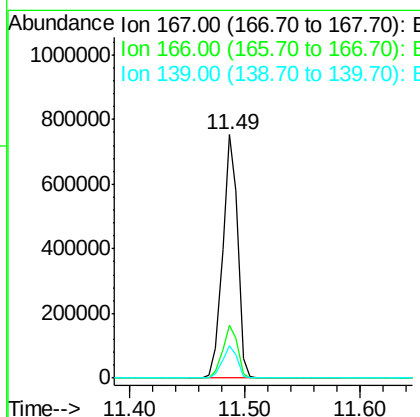
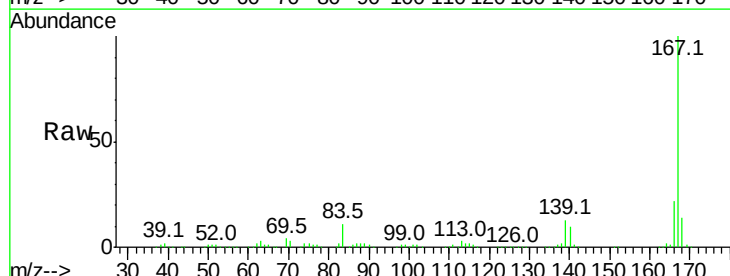
Instrument :
 BNA_F
 ClientSampleId :

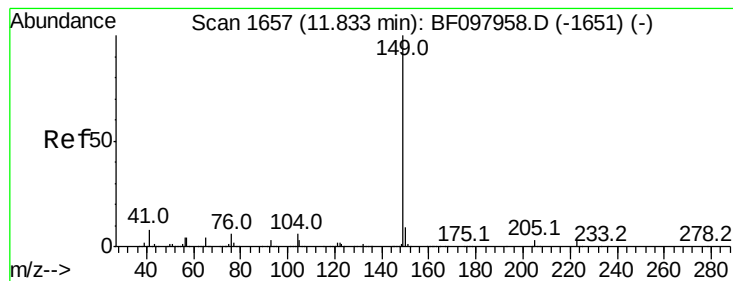
Tot Ion:178 Resp: 727889
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.4 12.7 19.1



#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 :

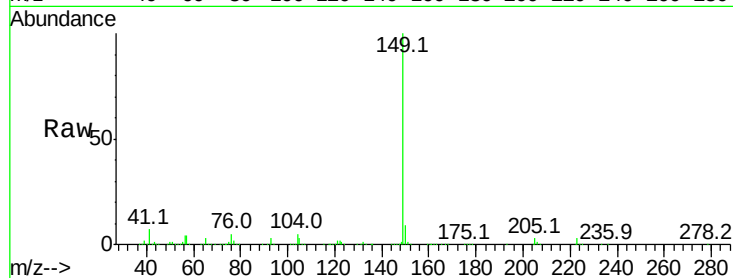
Tot Ion:149 Resp: 968030

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

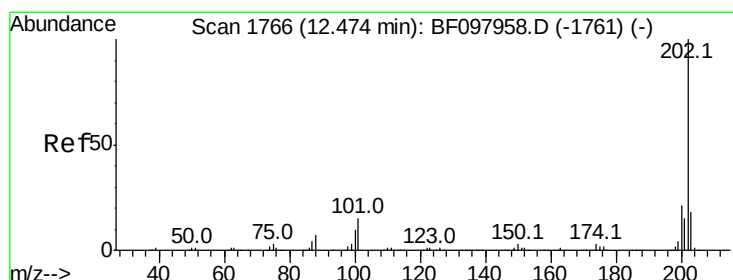
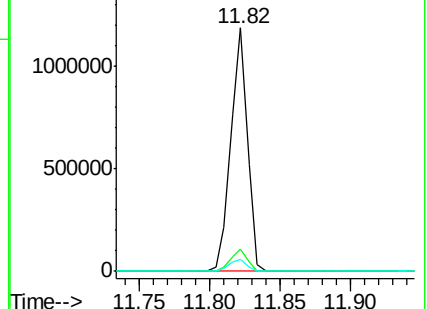
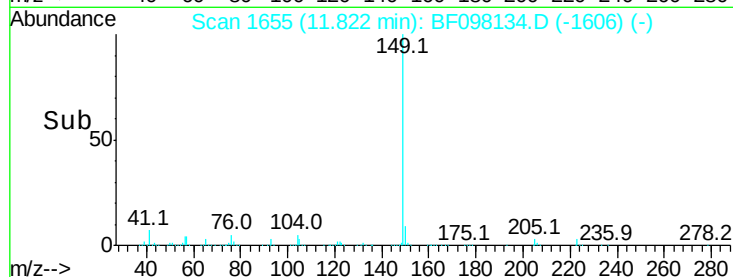
104 5.2 4.0 6.0



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

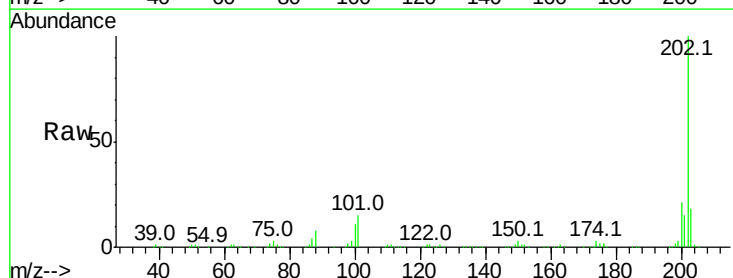
Tgt Ion:202 Resp: 723728

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.2

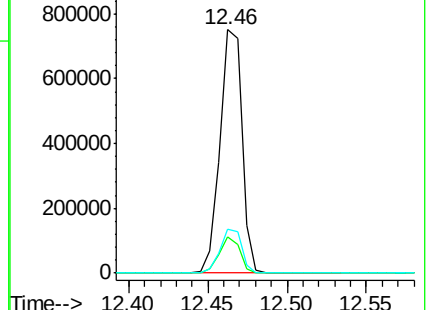
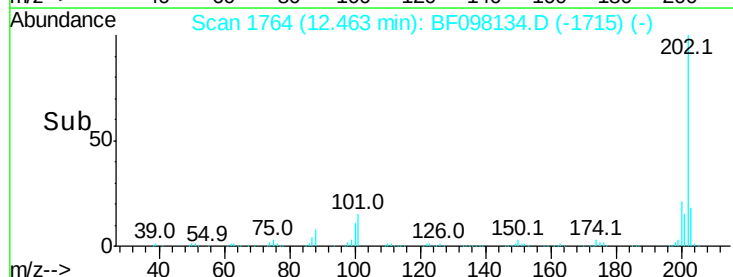
203 17.8 0.0 38.1

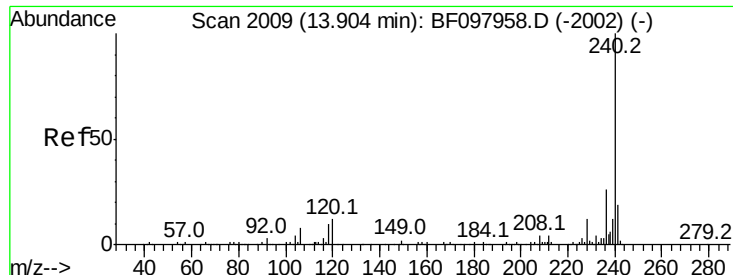


Abundance Ion 202.00 (201.70 to 202.70): E

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

ClientSampled :

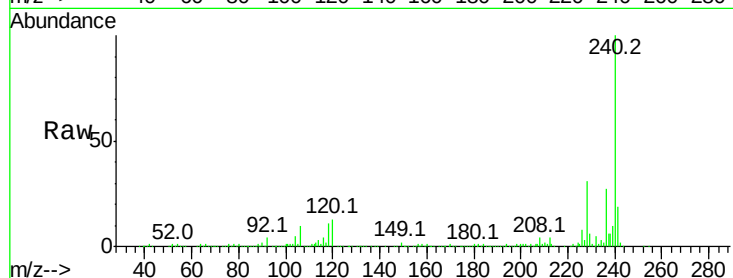
Tot Ion:240 Resp: 291570

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

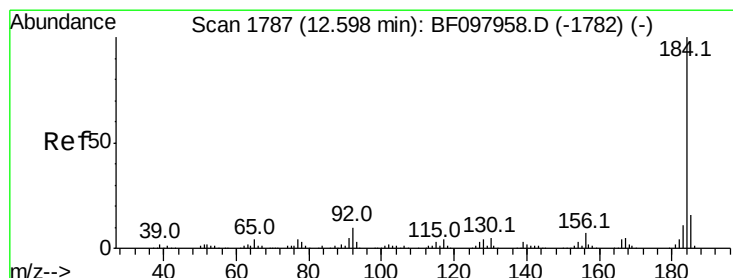
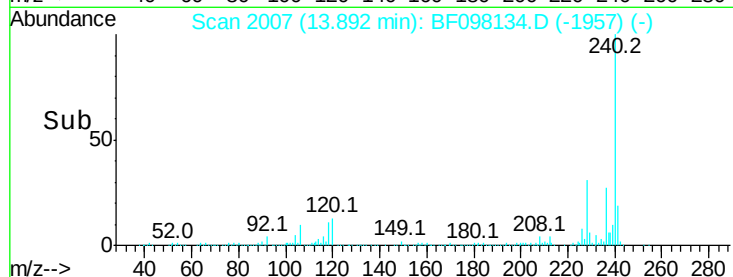
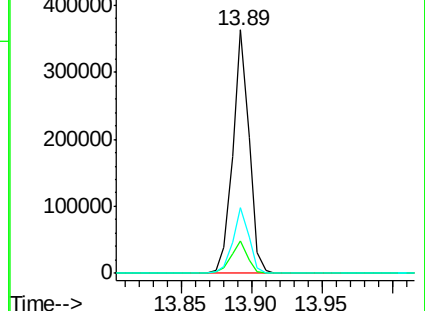
236 26.9 20.5 30.7



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

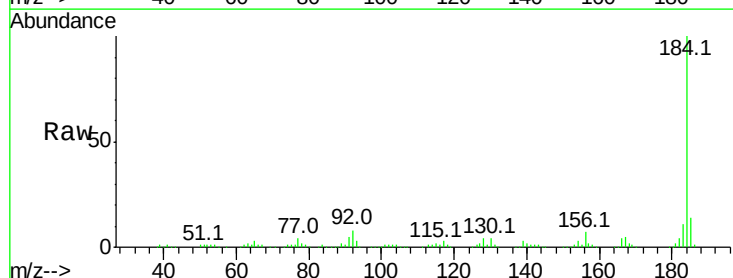
Tgt Ion:184 Resp: 335389

Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

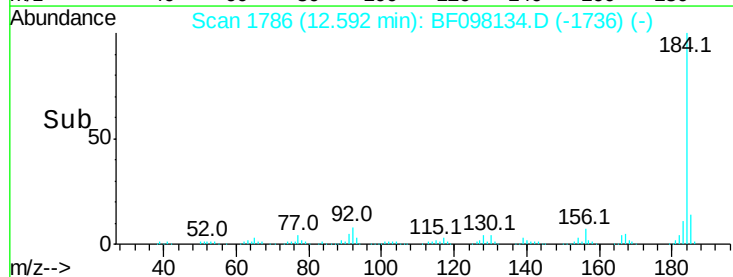
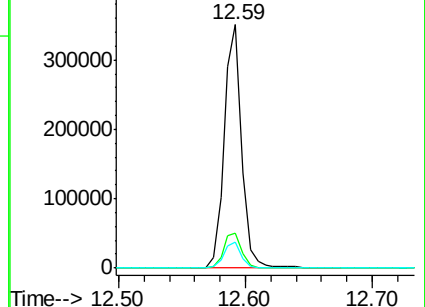
183 10.7 9.8 14.6

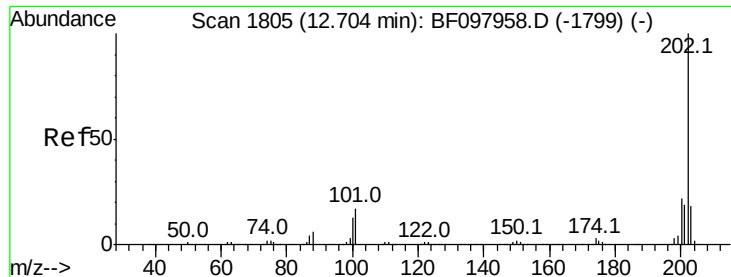


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

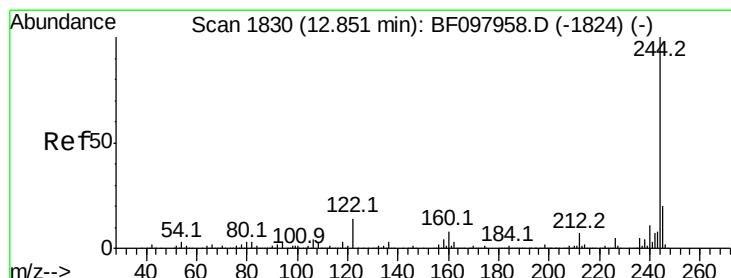
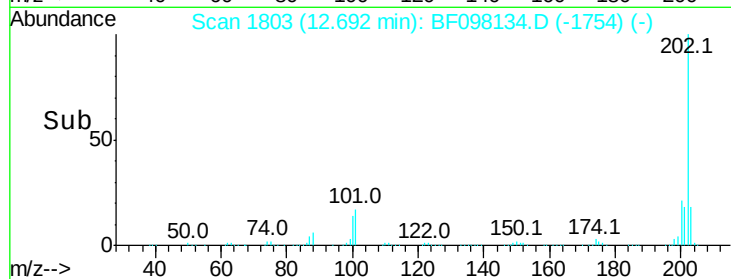
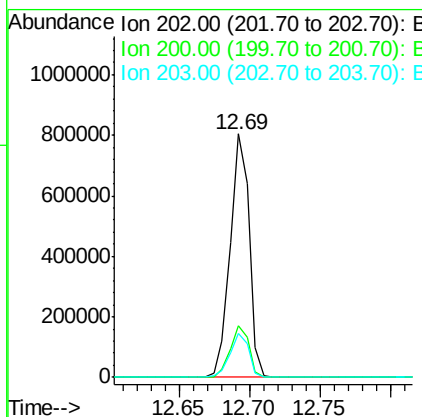
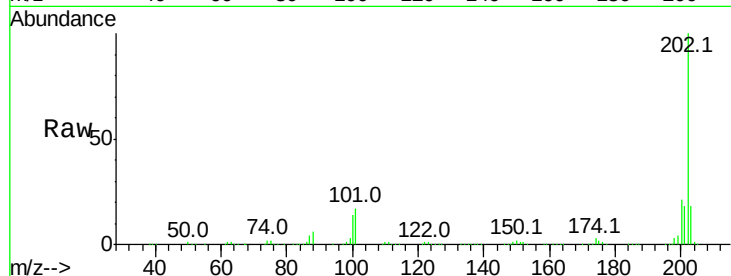




#77
 Pvrene
 Concen: 31.571 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

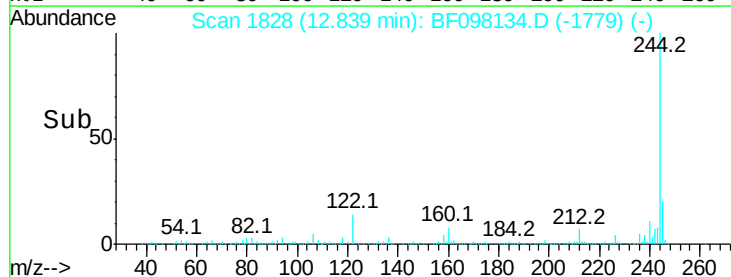
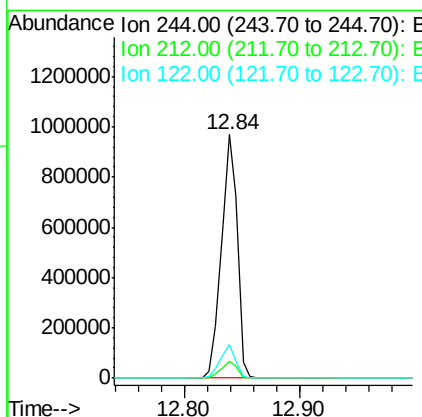
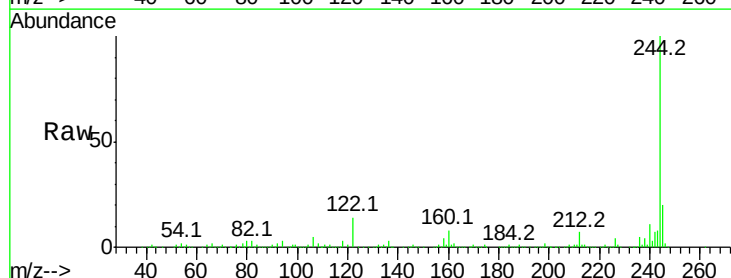
Instrument :
 BNA_F
 ClientSampled :

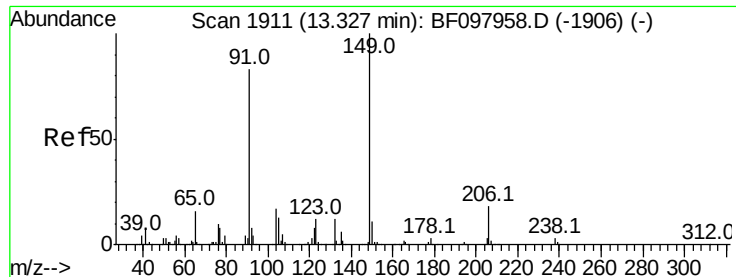
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.1	14.4	21.6



#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	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.0	10.3	15.5

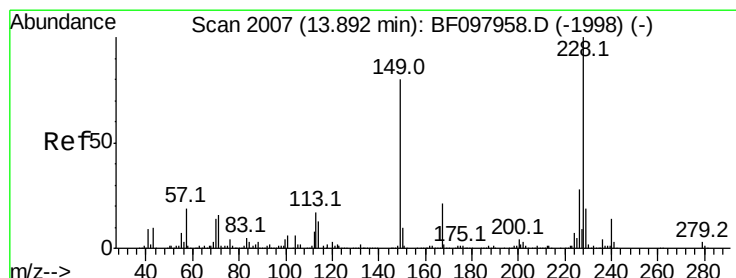
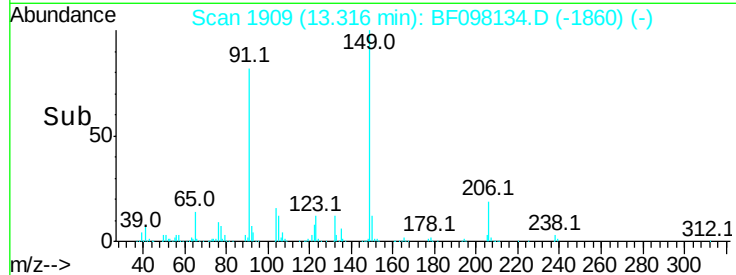
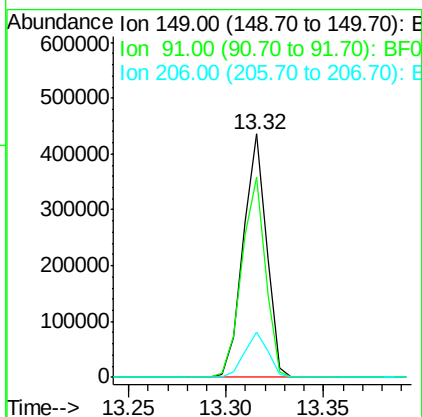
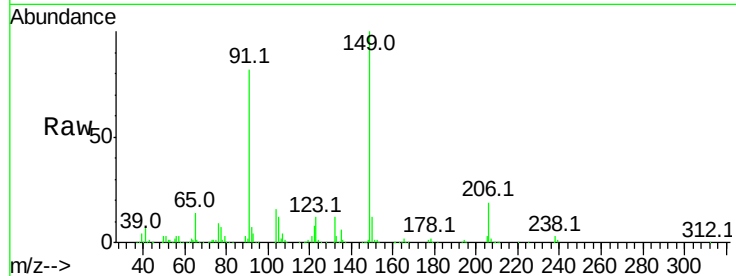




#79
Butylbenzylphthalate
Concen: 39.619 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF098134.D
Acq: 30 Aug 2017 2:37

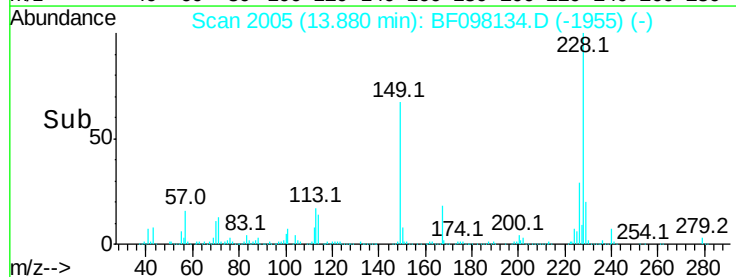
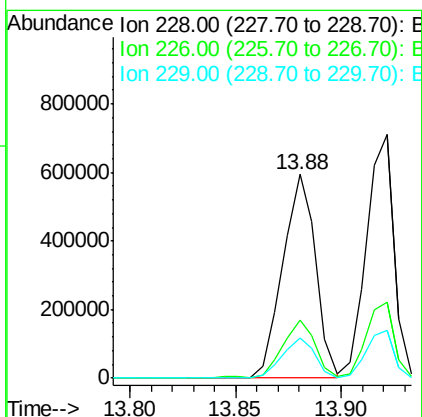
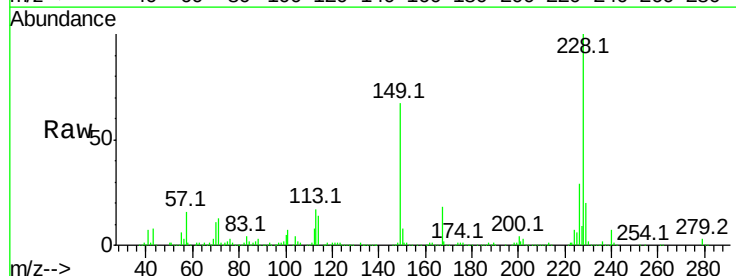
Instrument :
BNA_F
ClientSampled :

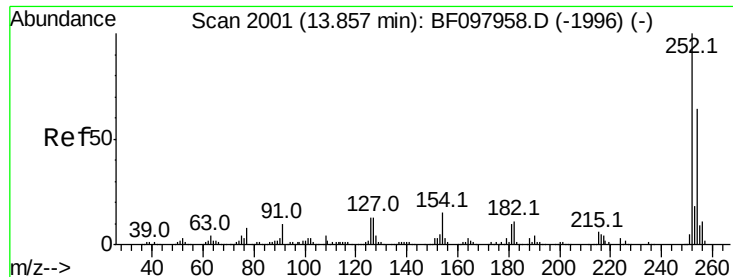
Tot Ion	Ratio	Lower	Upper
149	100		
91	82.1	45.0	67.4#
206	18.8	17.0	25.6



#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	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.0	16.3	24.5

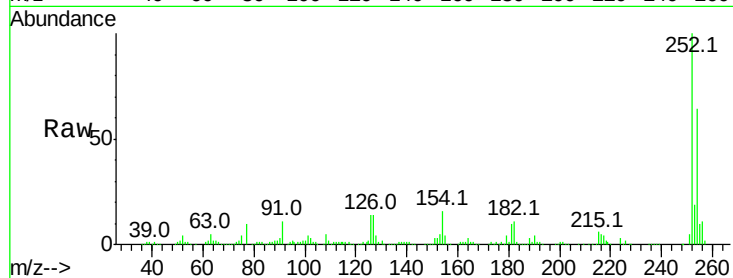




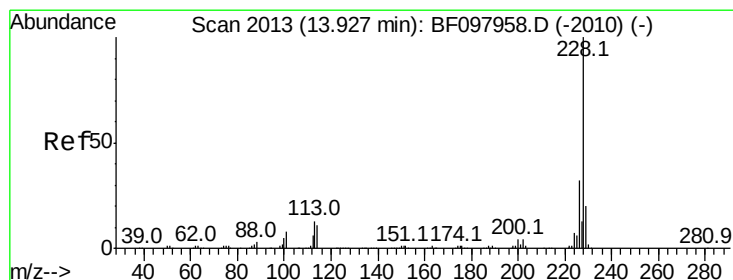
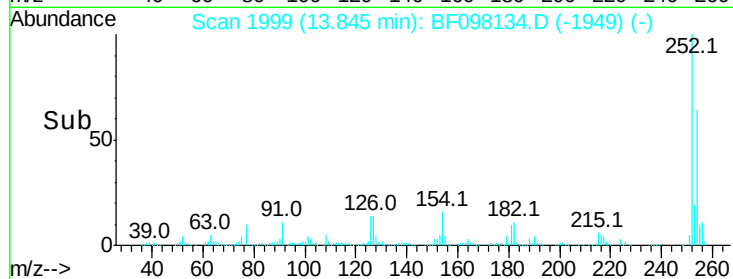
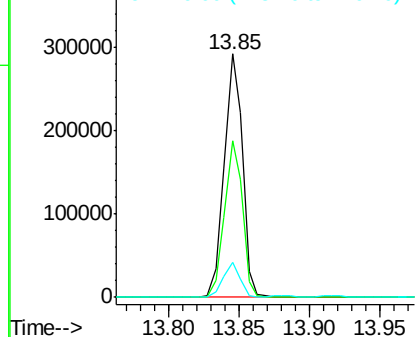
#81
 3,3'-Dichlorobenzidine
 Concen: 44.575 ng
 RT: 13.85 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampled :

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

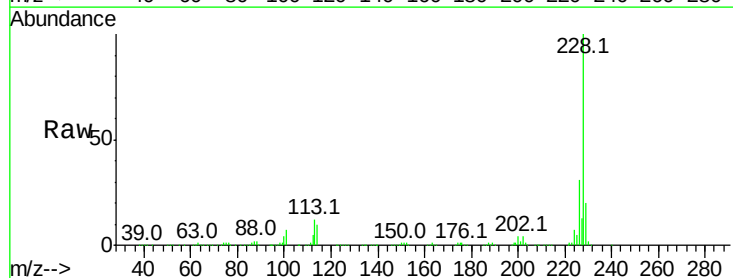


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

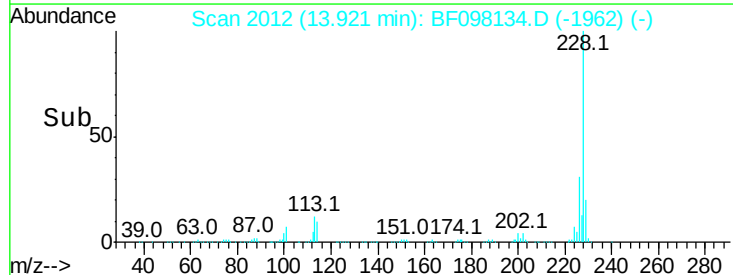
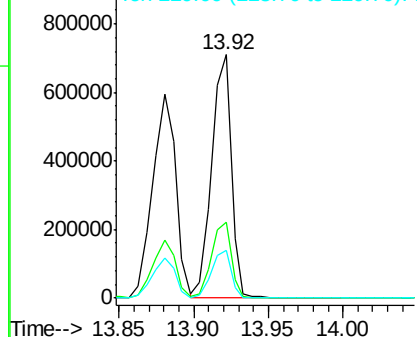


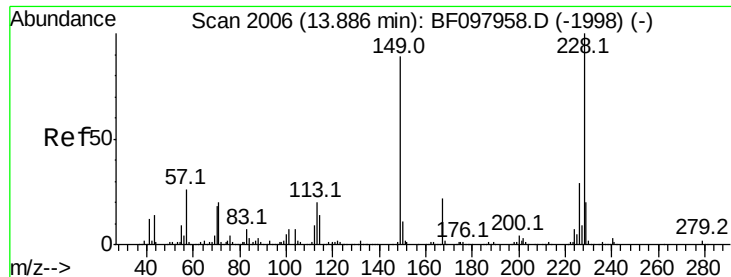
#82
 Chrysene
 Concen: 37.307 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

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



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 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 :

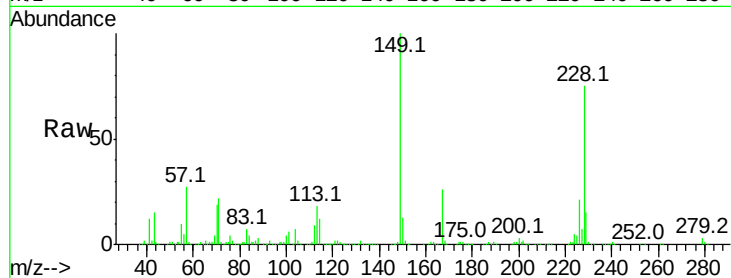
Tot Ion:149 Resp: 502036

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

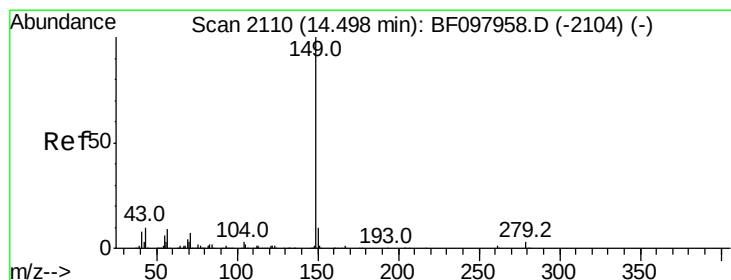
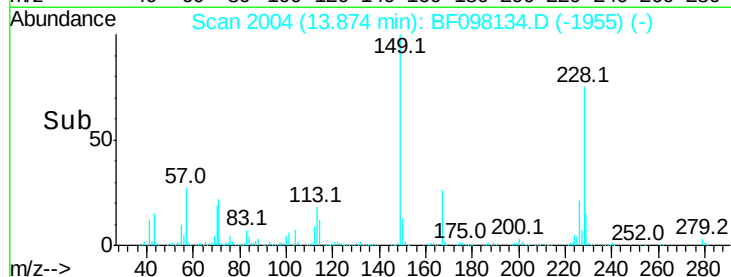
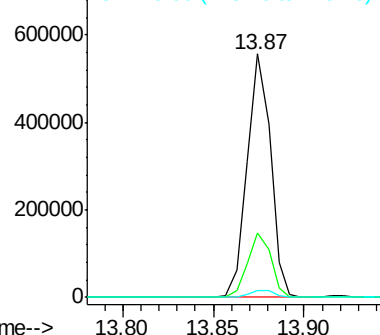
279 2.9 1.9 2.9#



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

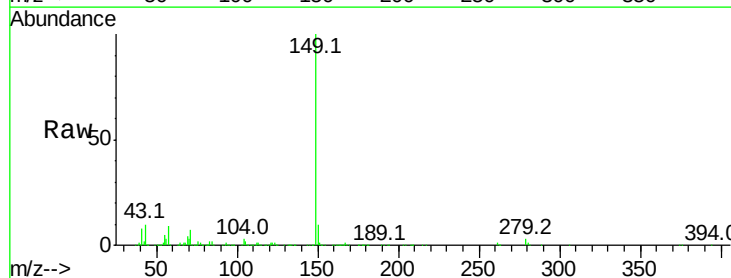
Tgt Ion:149 Resp: 973480

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

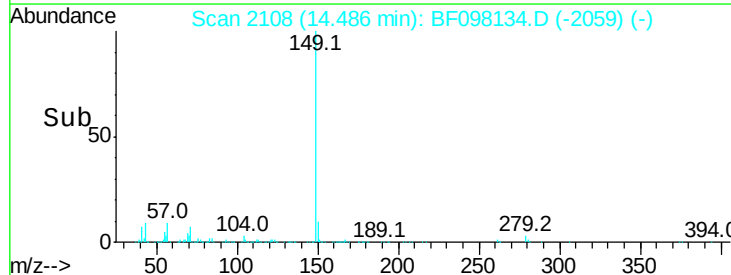
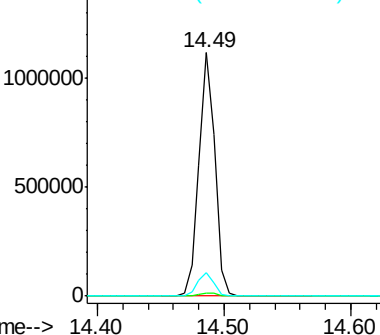
43 9.8 8.5 12.7

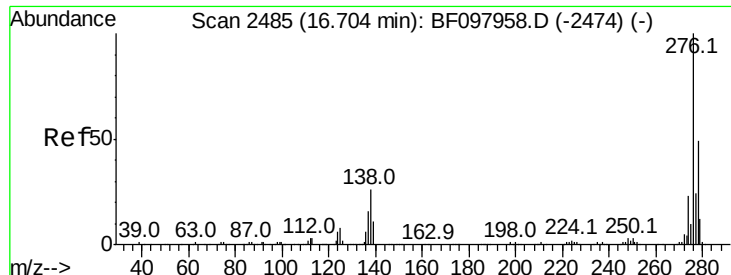


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

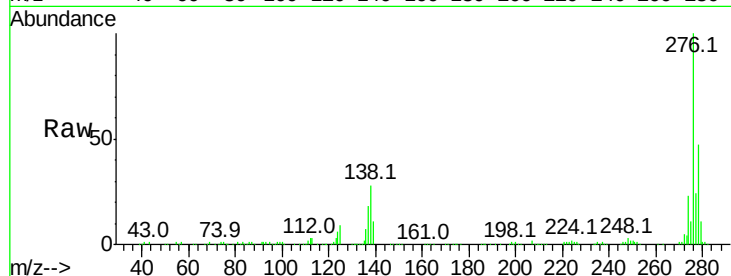




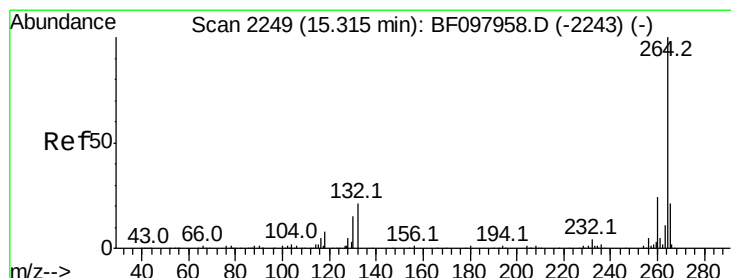
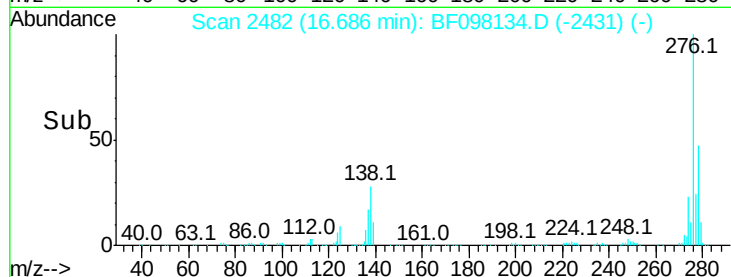
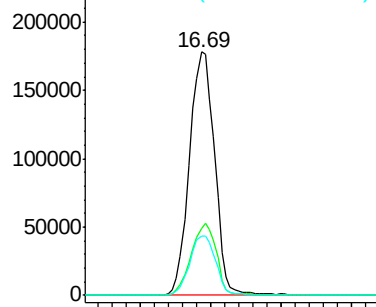
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.571 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. 0.00 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampleId :

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

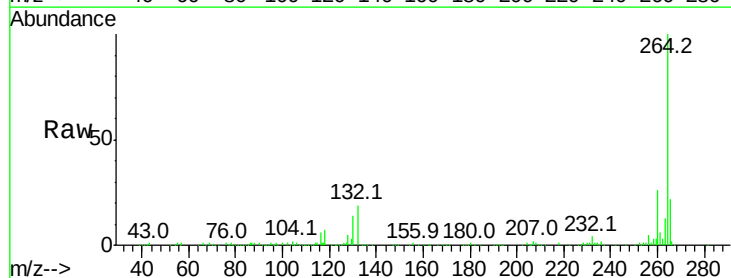


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

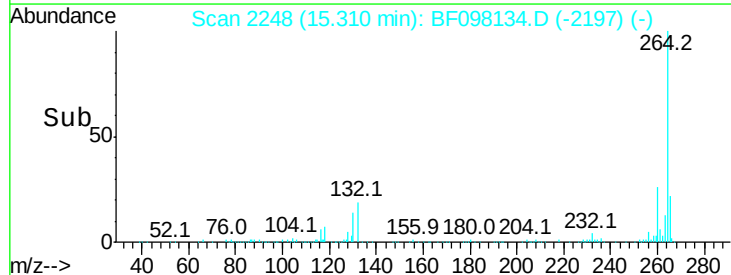
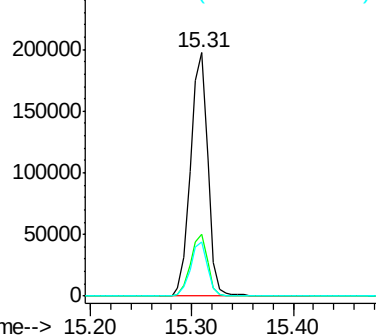


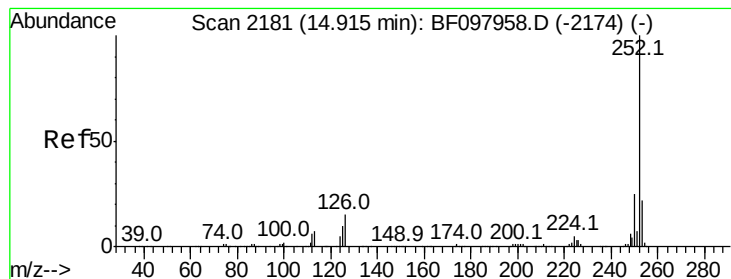
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF098134.D
 Acq: 30 Aug 2017 2:37

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



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





#87

Benzo(b)fluoranthene

Concen: 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 :

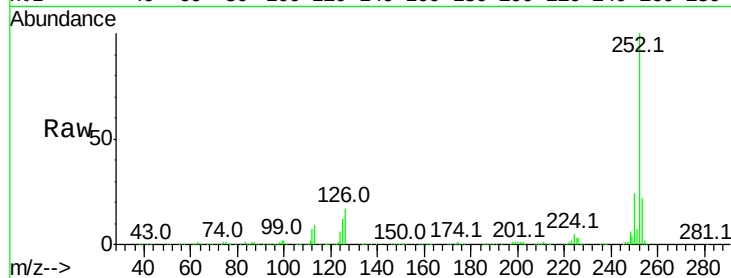
Tot Ion:252 Resp: 641904

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

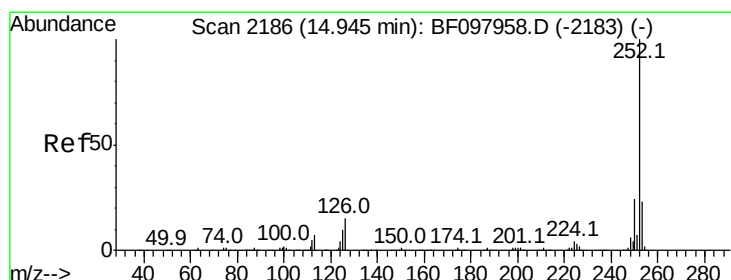
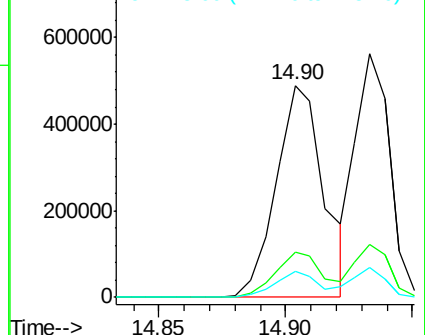
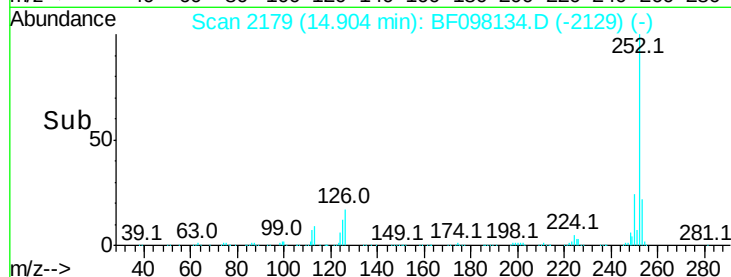
125 12.4 9.8 14.8



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

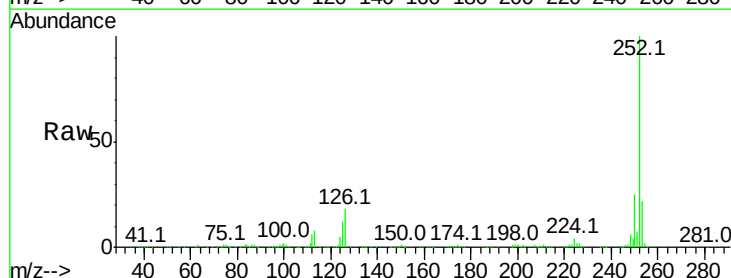
Tgt Ion:252 Resp: 538626

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

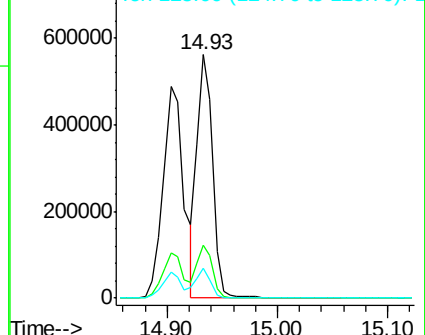
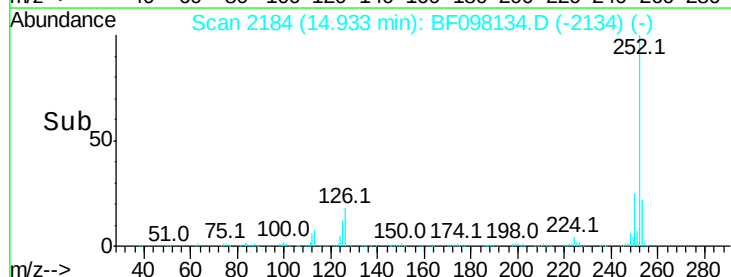
125 12.3 13.1 19.7#

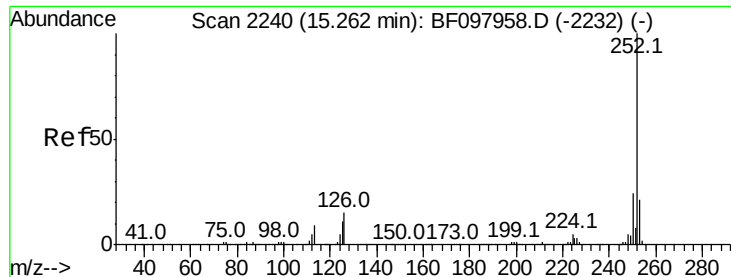


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

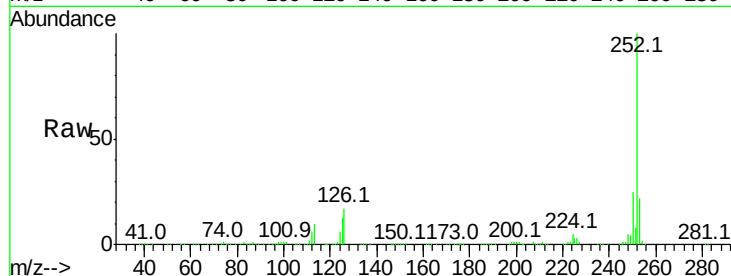
Tot Ion:252 Resp: 535400

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

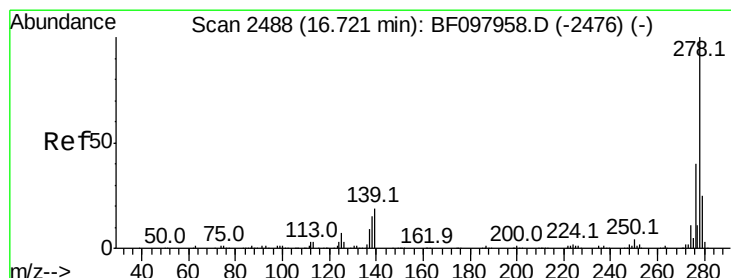
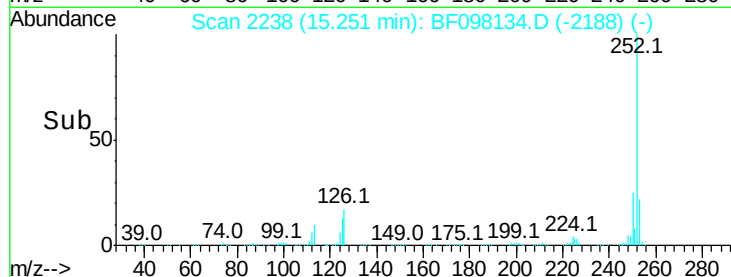
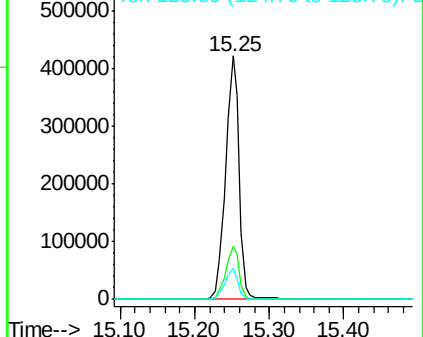
125 12.6 11.0 16.4



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

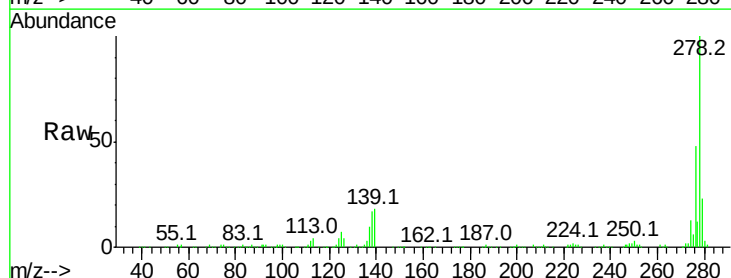
Tgt Ion:278 Resp: 390989

Ion Ratio Lower Upper

278 100

139 18.3 16.6 24.8

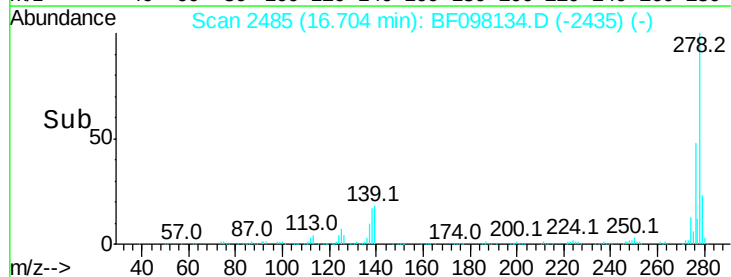
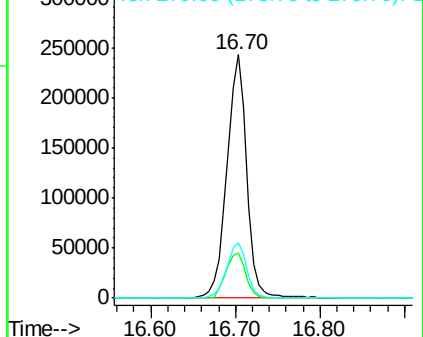
279 22.6 19.3 28.9

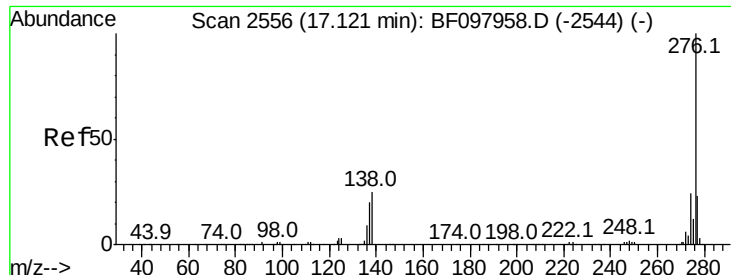


Abundance Ion 278.00 (277.70 to 278.70): E

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

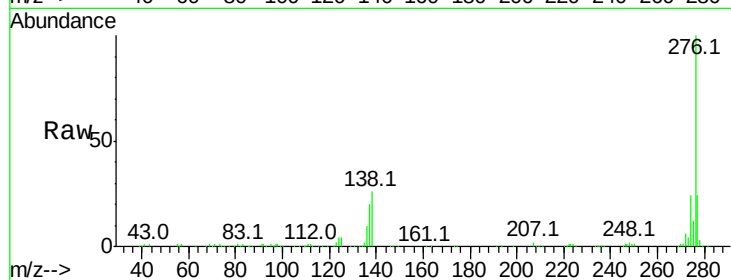
Lab File: BF098134.D

Acq: 30 Aug 2017 2:37

Instrument :

BNA_F

ClientSampleId :



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

