

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098109.D
 Acq On : 29 Aug 2017 14:27
 Operator : SJ/JU
 Sample : PB101845BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 02:56:56 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	117158	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	481694	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	225125	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	459086	20.00	ng	0.00
75) Chrysene-d12	13.89	240	355141	20.00	ng	0.00
86) Perylene-d12	15.31	264	276339	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	983618	127.70	ng	0.00
7) Phenol-d6	6.38	99	1339471	127.99	ng	0.00
23) Nitrobenzene-d5	7.30	82	830980	93.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	290781	148.86	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1291070	84.26	ng	-0.01
78) Terphenyl-d14	12.84	244	1239157	72.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	153602	35.759	ng	89
3) Pyridine	3.19	79	445726	37.535	ng	86
4) n-Nitrosodimethylamine	3.14	42	175162	38.335	ng	79
6) Aniline	6.40	93	423259	28.790	ng	# 73
8) 2-Chlorophenol	6.52	128	347080	42.728	ng	97
9) Benzaldehyde	6.28	77	155299	23.428	ng	88
10) Phenol	6.39	94	489971	40.032	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	384938	41.669	ng	97
12) 1,3-Dichlorobenzene	6.67	146	348465	39.882	ng	# 94
13) 1,4-Dichlorobenzene	6.75	146	351821	39.591	ng	# 94
14) 1,2-Dichlorobenzene	6.90	146	329703	40.238	ng	99
15) Benzyl Alcohol	6.88	79	337417	43.064	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	502529	40.431	ng	89
17) 2-Methylphenol	7.00	107	315043	44.011	ng	# 94
18) Hexachloroethane	7.25	117	143899	41.303	ng	# 83
19) n-Nitroso-di-n-propylamine	7.16	70	281686	39.319	ng	90
20) 3+4-Methylphenols	7.15	107	383504	43.864	ng	98
22) Acetophenone	7.15	105	507002	39.842	ng	# 91
24) Nitrobenzene	7.32	77	439777	44.544	ng	95
25) Isophorone	7.56	82	809103	43.883	ng	97
26) 2-Nitrophenol	7.63	139	184288	51.136	ng	# 78
27) 2,4-Dimethylphenol	7.68	122	332258	43.209	ng	96
28) bis(2-Chloroethoxy)methane	7.77	93	512526	42.282	ng	98
29) 2,4-Dichlorophenol	7.88	162	285541	44.735	ng	94
30) 1,2,4-Trichlorobenzene	7.96	180	287008	40.561	ng	100
31) Naphthalene	8.04	128	1015350	40.602	ng	100
32) Benzoic acid	7.82	122	241084	43.694	ng	88
33) 4-Chloroaniline	8.09	127	261649	24.809	ng	98
34) Hexachlorobutadiene	8.16	225	164155	39.733	ng	98
35) Caprolactam	8.47	113	54034	24.901	ng	98
36) 4-Chloro-3-methylphenol	8.58	107	358920	43.765	ng	# 78
37) 2-Methylnaphthalene	8.73	142	667924	43.565	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	266211	38.531	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	314430	94.732	ng	99

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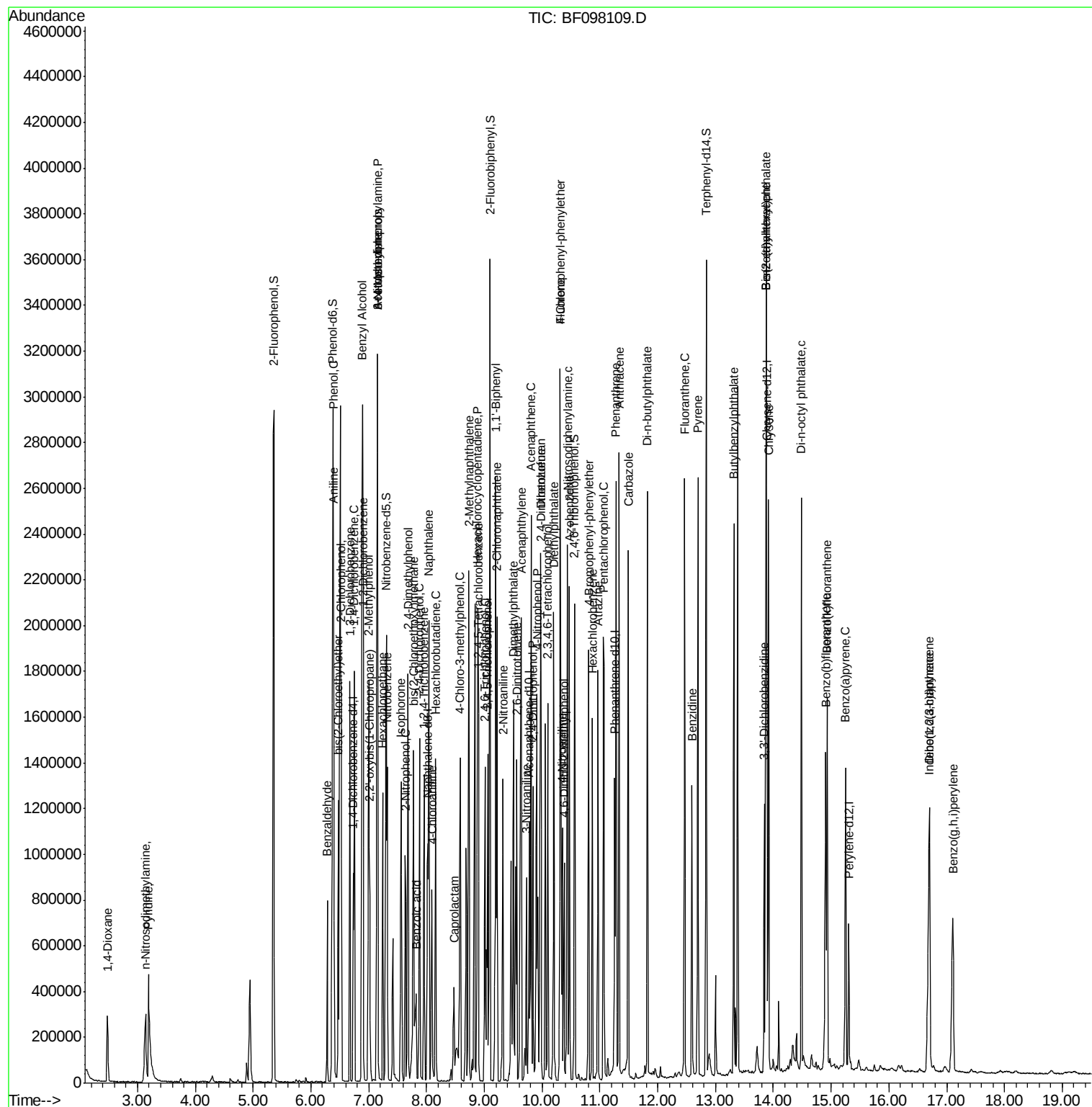
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	198744	42.846	nq	96
43) 2,4,5-Trichlorophenol	9.06	196	207032	44.990	nq	97
45) 1,1'-Biphenyl	9.20	154	796252	38.786	nq	96
46) 2-Chloronaphthalene	9.22	162	585263	38.584	nq	# 92
47) 2-Nitroaniline	9.32	65	237464	46.698	nq	98
48) Acenaphthylene	9.64	152	982468	41.245	nq	99
49) Dimethylphthalate	9.50	163	742577	45.125	nq	99
50) 2,6-Dinitrotoluene	9.56	165	160030	48.719	nq	# 55
51) Acenaphthene	9.81	154	580359	38.631	nq	99
52) 3-Nitroaniline	9.73	138	136359	32.176	nq	93
53) 2,4-Dinitrophenol	9.85	184	161867	100.603	nq	# 76
54) Dibenzofuran	9.98	168	865340	42.979	nq	99
55) 4-Nitrophenol	9.91	139	285079	84.326	nq	# 46
56) 2,4-Dinitrotoluene	9.97	165	209937	50.928	nq	# 51
57) Fluorene	10.32	166	663393	42.616	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	183603	51.533	nq	92
59) Diethylphthalate	10.20	149	771195	44.814	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	313251	43.316	nq	# 86
61) 4-Nitroaniline	10.35	138	190514	47.298	nq	74
62) Azobenzene	10.47	77	914012	44.714	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	110038	50.368	nq	# 74
65) n-Nitrosodiphenylamine	10.44	169	624607	39.954	nq	100
66) 4-Bromophenyl-phenylether	10.80	248	197586	41.446	nq	95
67) Hexachlorobenzene	10.87	284	193552	39.833	nq	# 88
68) Atrazine	10.97	200	195512	47.158	nq	97
69) Pentachlorophenol	11.07	266	230812	81.468	nq	98
70) Phenanthrene	11.28	178	1001880	40.954	nq	100
71) Anthracene	11.33	178	1030714	41.540	nq	99
72) Carbazole	11.49	167	981454	41.671	nq	98
73) Di-n-butylphthalate	11.82	149	1275455	47.015	nq	99
74) Fluoranthene	12.47	202	1089135	42.654	nq	99
76) Benzidine	12.59	184	483866	41.554	nq	# 91
77) Pyrene	12.70	202	1109084	38.183	nq	99
79) Butylbenzylphthalate	13.32	149	547871	49.196	nq	# 70
80) Benzo(a)anthracene	13.89	228	813110	38.201	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	228622	31.831	nq	# 96
82) Chrysene	13.92	228	823429	38.889	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	670389	54.324	nq	# 97
84) Di-n-octyl phthalate	14.49	149	1218132	56.731	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	672512	43.176	nq	95
87) Benzo(b)fluoranthene	14.90	252	753128	43.237	nq	98
88) Benzo(k)fluoranthene	14.93	252	637240	38.940	nq	# 96
89) Benzo(a)pyrene	15.25	252	663600	43.035	nq	99
90) Dibenzo(a,h)anthracene	16.70	278	553845	44.118	nq	99
91) Benzo(g,h,i)perylene	17.11	276	575915	43.967	nq	# 92

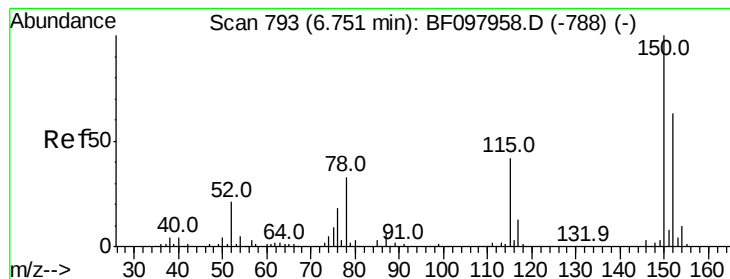
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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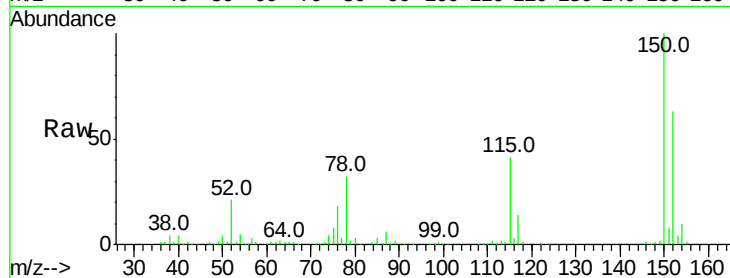


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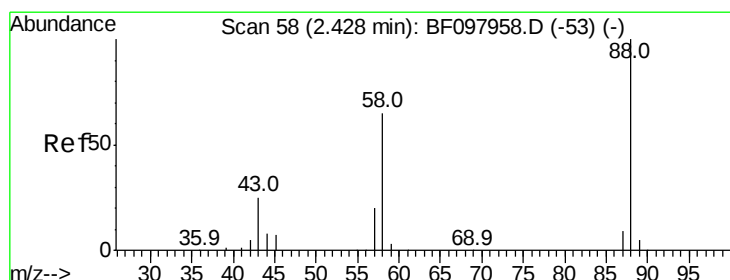
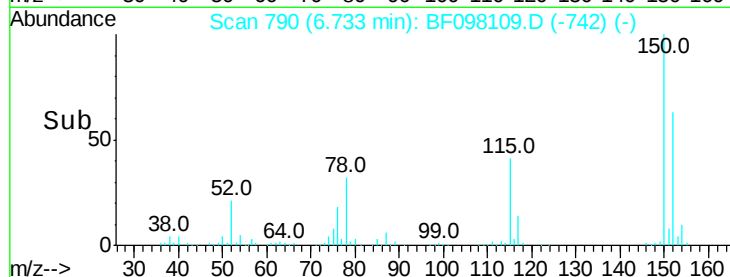
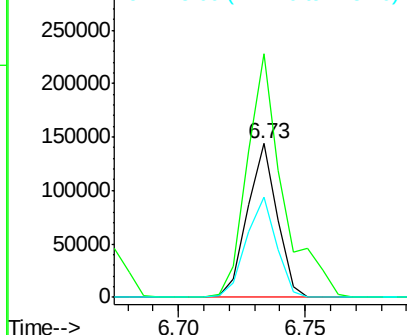
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117158
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 65.5 52.2 78.2



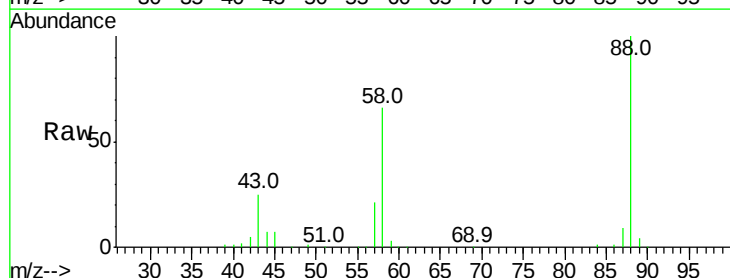
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



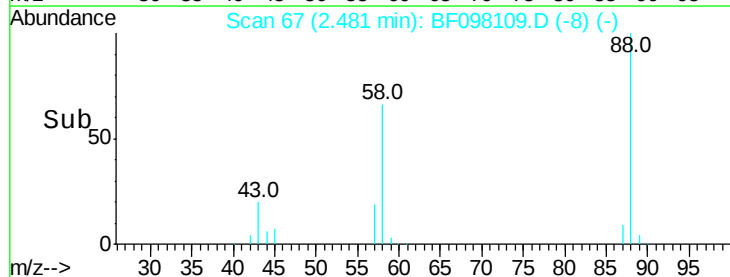
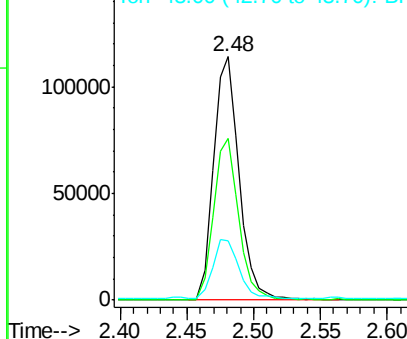
#2

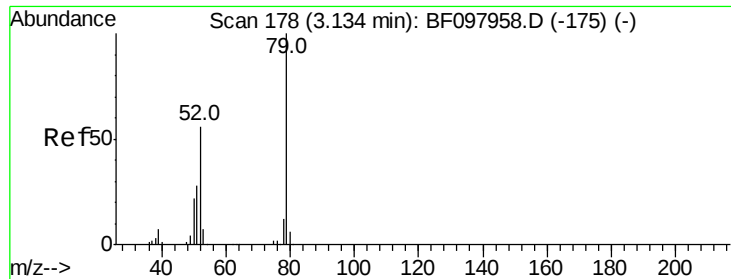
1,4-Dioxane
Concen: 35.759 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.05 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion: 88 Resp: 153602
Ion Ratio Lower Upper
88 100
58 65.5 61.4 92.0
43 25.2 23.4 35.0



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





#3

Pvridine

Concen: 37.535 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.05 min

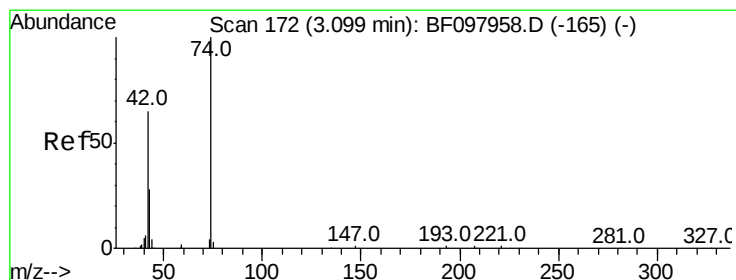
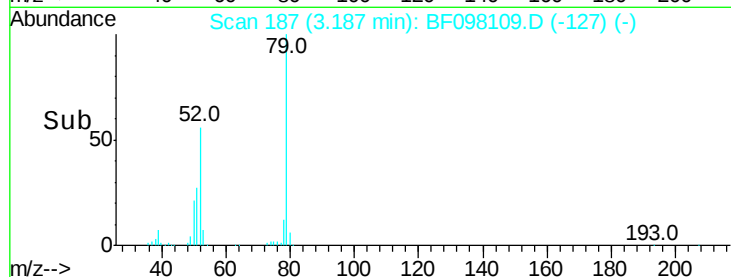
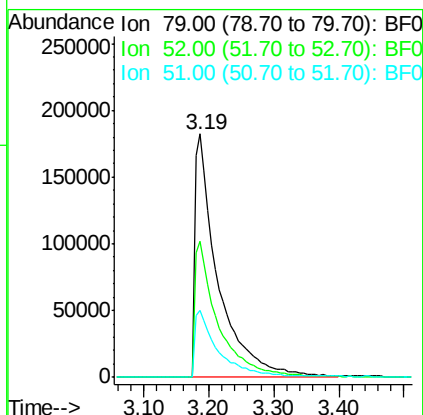
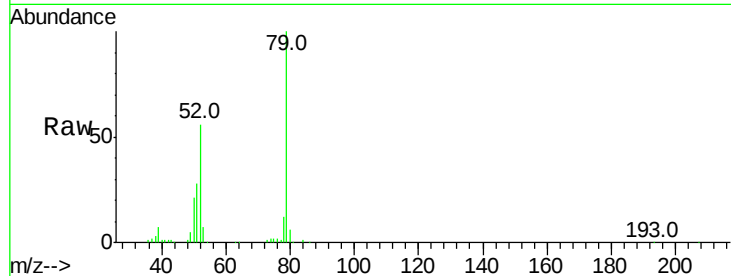
Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 445726

Ion	Ratio	Lower	Upper
79	100		
52	55.9	54.8	82.2
51	27.7	27.0	40.4



#4

n-Nitrosodimethylamine

Concen: 38.335 ng

RT: 3.14 min Scan# 179

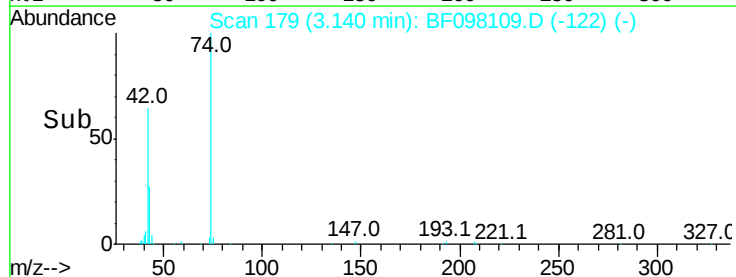
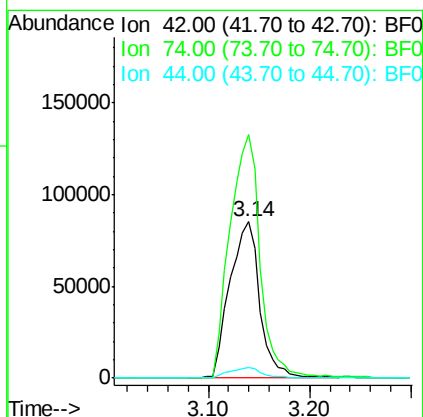
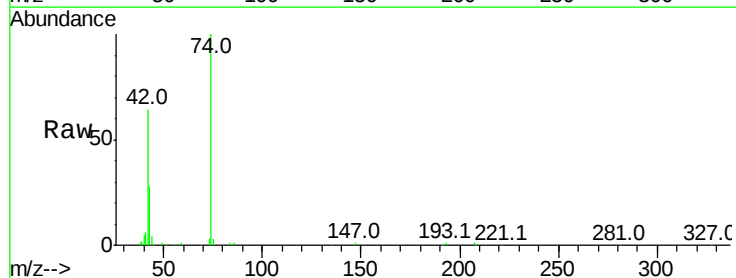
Delta R.T. 0.04 min

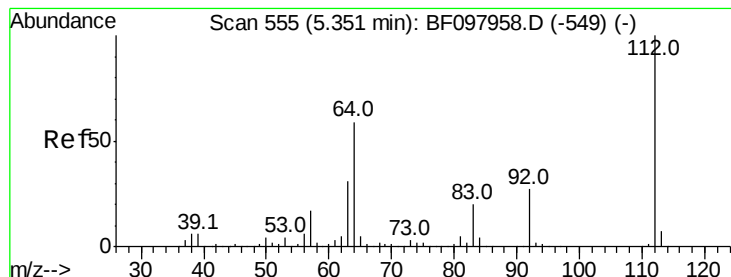
Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion: 42 Resp: 175162

Ion	Ratio	Lower	Upper
42	100		
74	155.6	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 127.704 ng

RT: 5.36 min Scan# 556

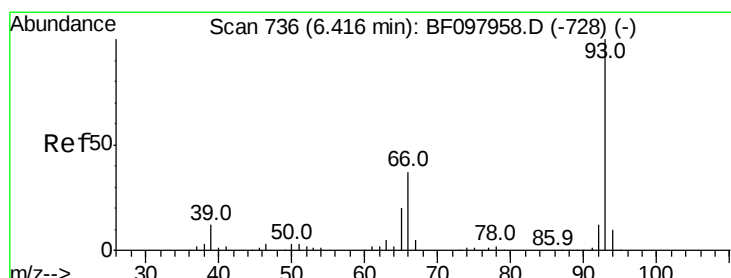
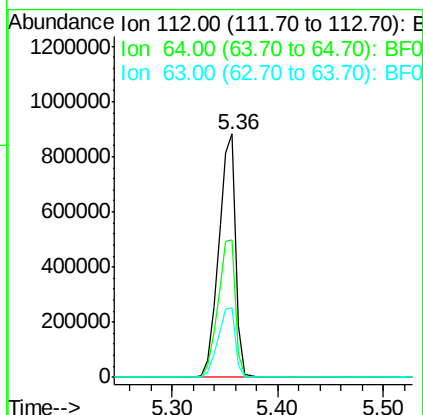
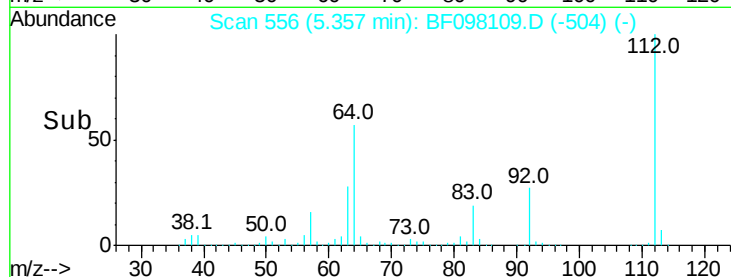
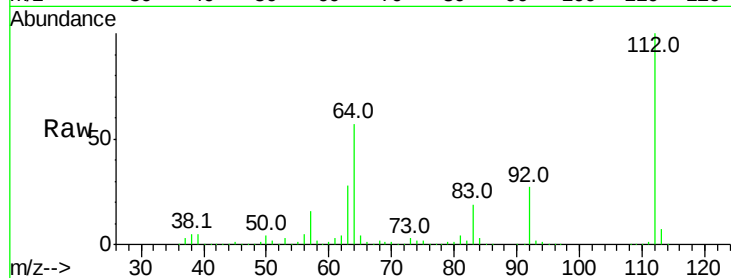
Delta R.T. 0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	983618
Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.0	69.0
63	28.4	23.4	35.0



#6

Aniline

Concen: 28.790 ng

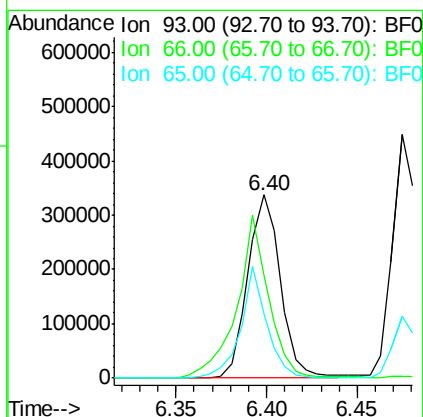
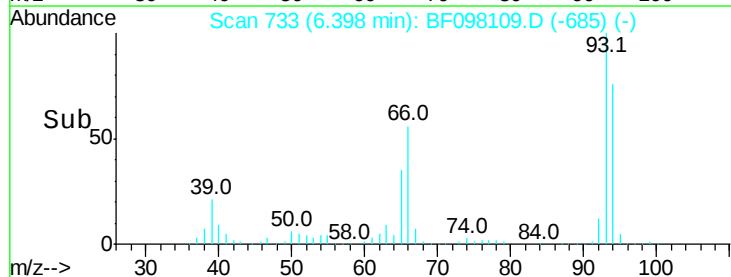
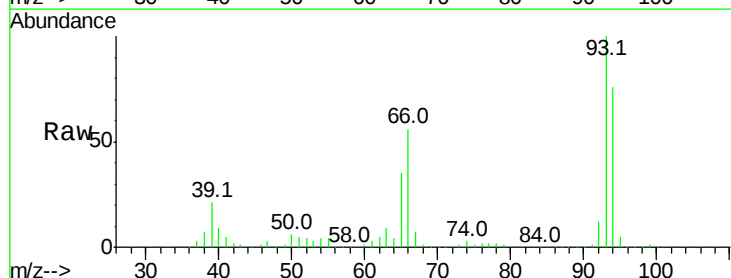
RT: 6.40 min Scan# 733

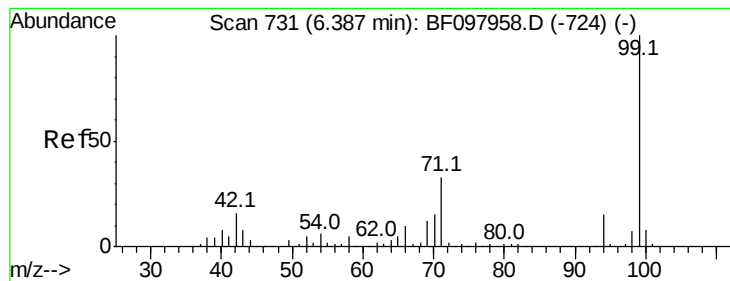
Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	93	Resp:	423259
Ion	Ratio	Lower	Upper
93	100		
66	56.3	32.9	49.3#
65	34.9	16.0	24.0#





#7

Phenol-d6

Concen: 127.992 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

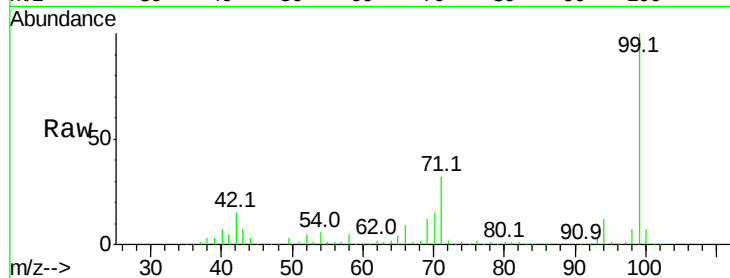
Tot Ion: 99 Resp: 1339471

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

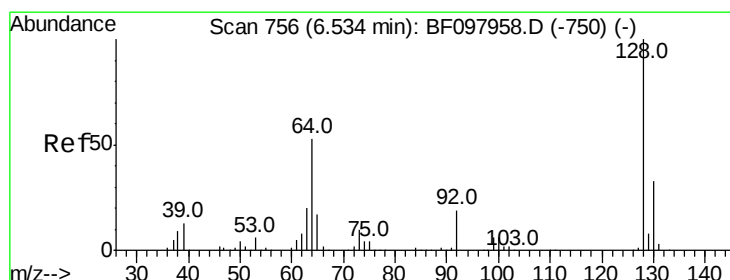
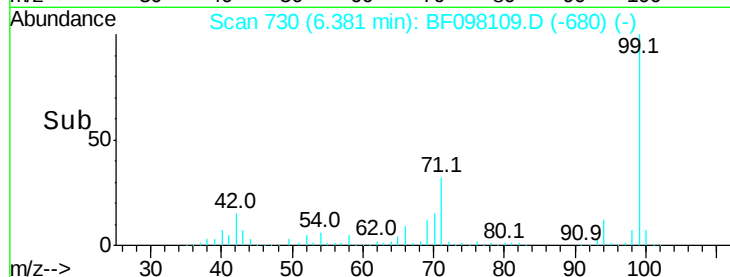
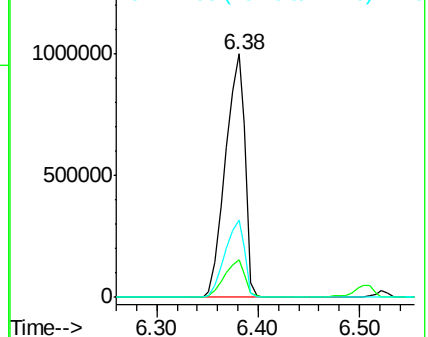
71 32.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.728 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

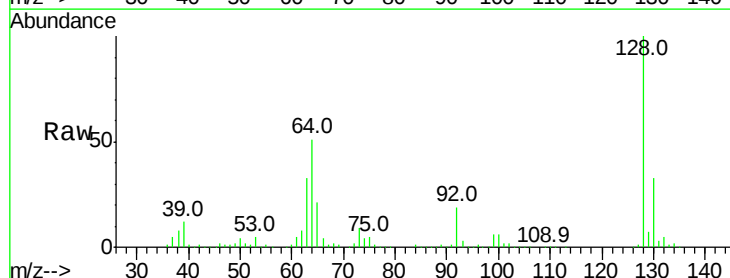
Tgt Ion:128 Resp: 347080

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

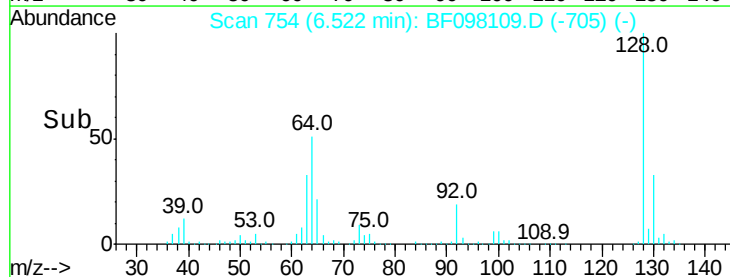
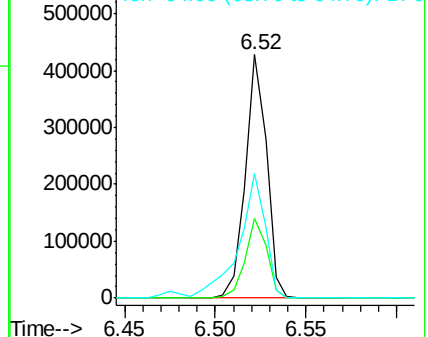
64 51.4 28.4 68.4

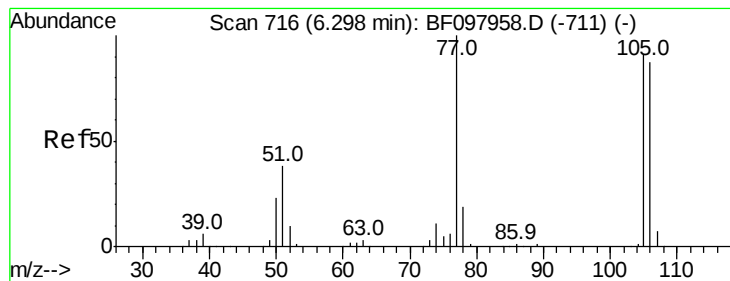


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.428 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF098109.D

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Instrument :

BNA_F

ClientSampled :

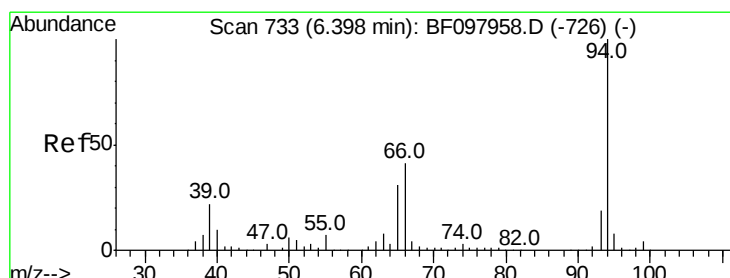
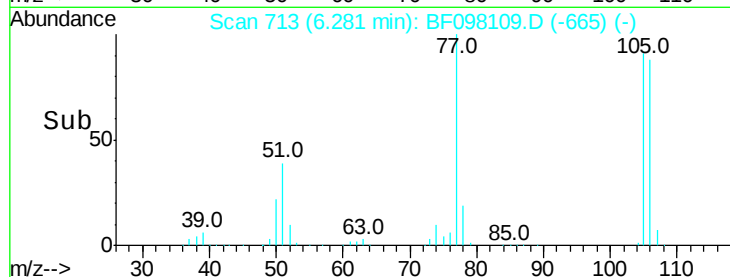
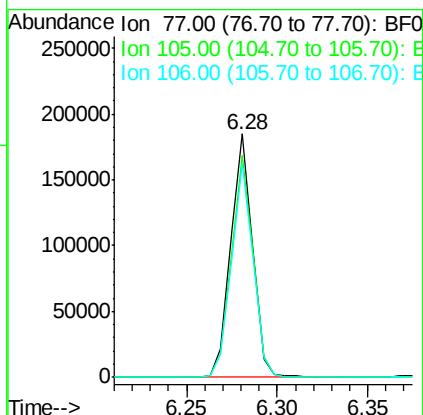
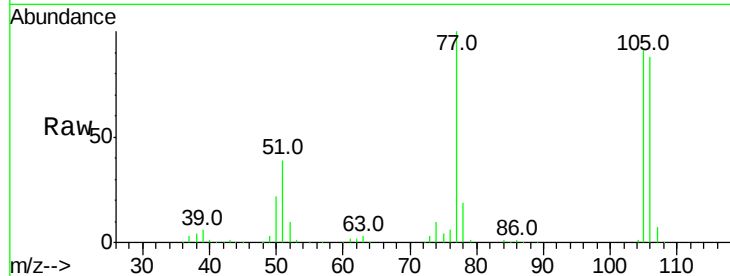
Tot Ion: 77 Resp: 155299

Ion Ratio Lower Upper

77 100

105 91.3 83.8 123.8

106 88.0 79.1 119.1



#10

Phenol

Concen: 40.032 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF098109.D

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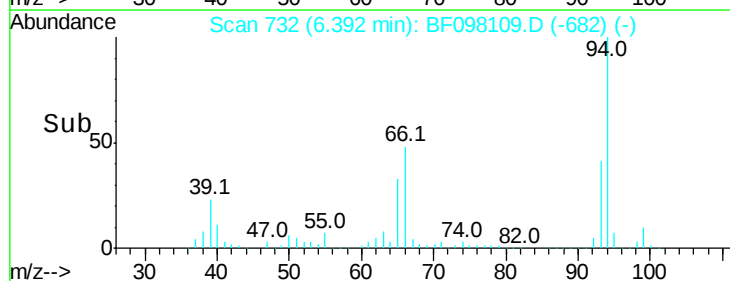
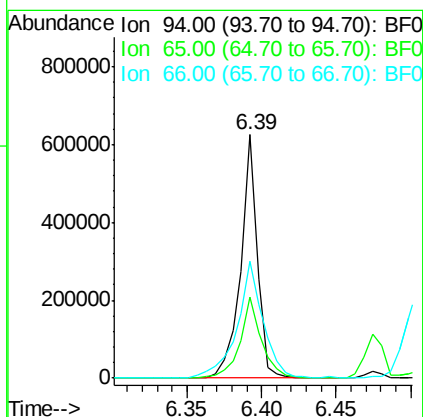
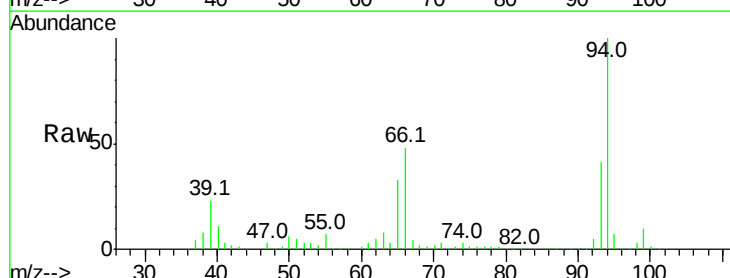
Tgt Ion: 94 Resp: 489971

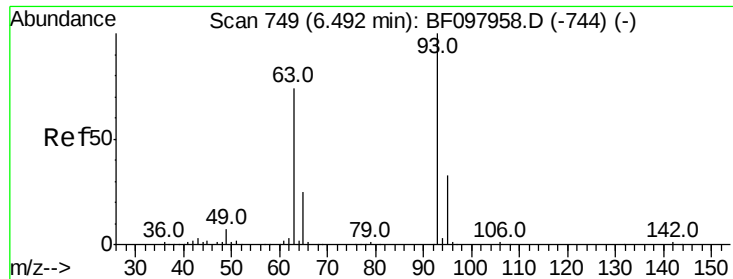
Ion Ratio Lower Upper

94 100

65 33.0 9.9 49.9

66 47.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.669 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

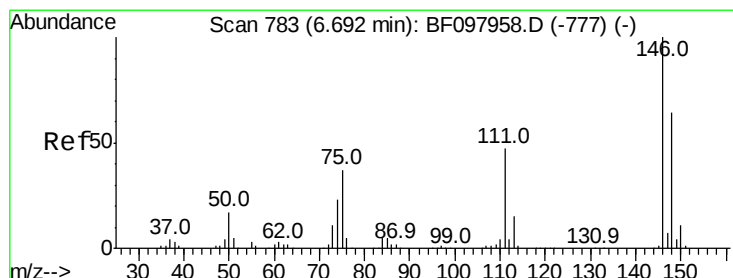
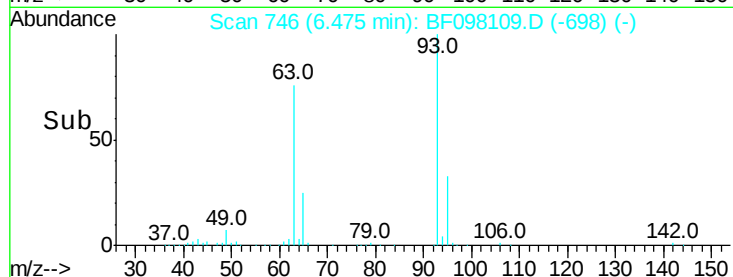
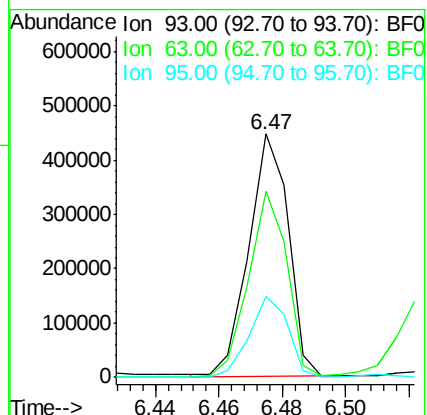
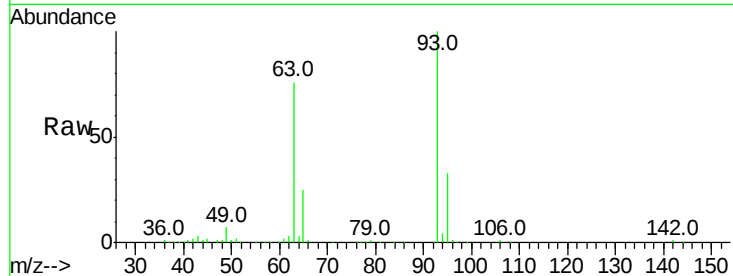
Tot Ion: 93 Resp: 384938

Ion Ratio Lower Upper

93 100

63 76.2 59.2 99.2

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.882 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

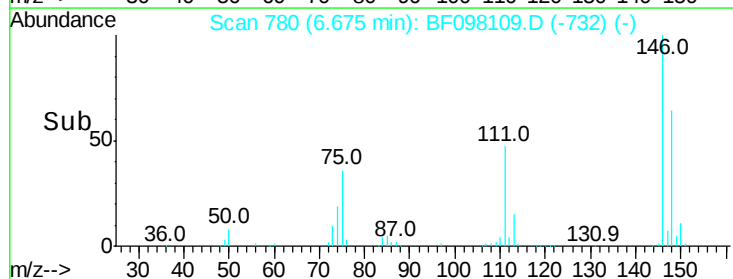
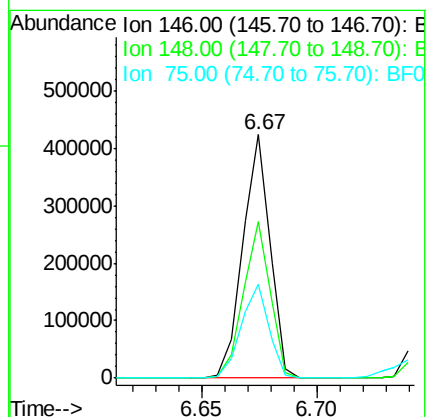
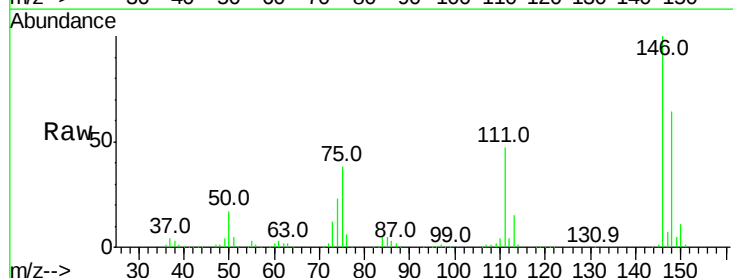
Tgt Ion: 146 Resp: 348465

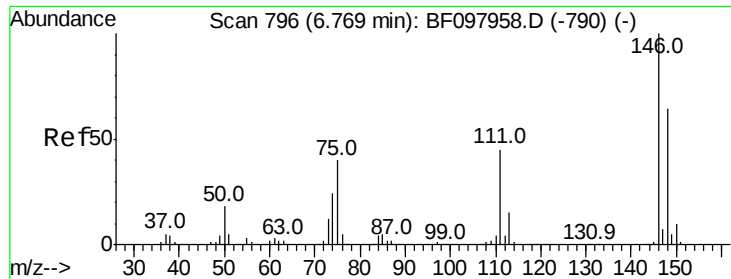
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

75 38.5 23.1 34.7#

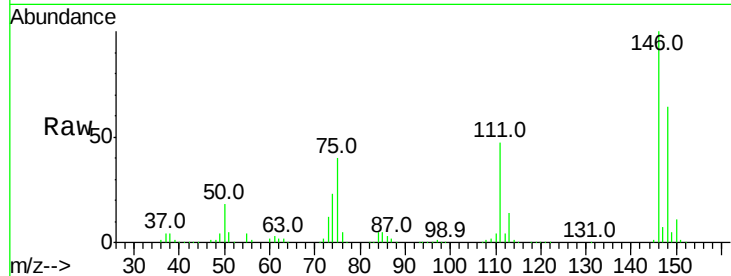




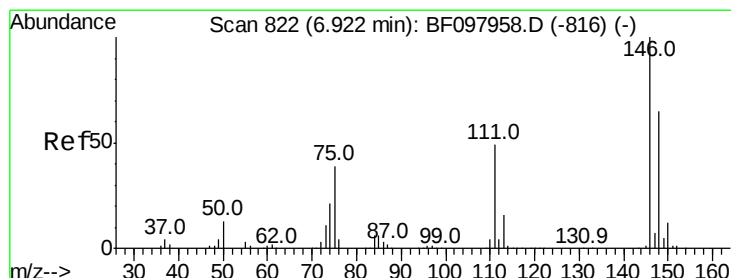
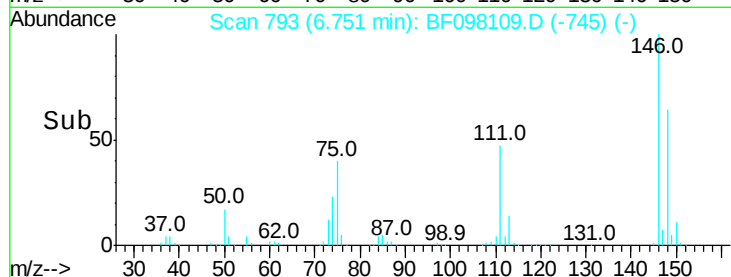
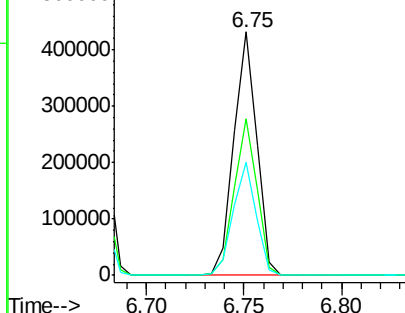
#13
 1,4-Dichlorobenzene
 Concen: 39.591 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 351821
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 46.6 30.3 45.5#

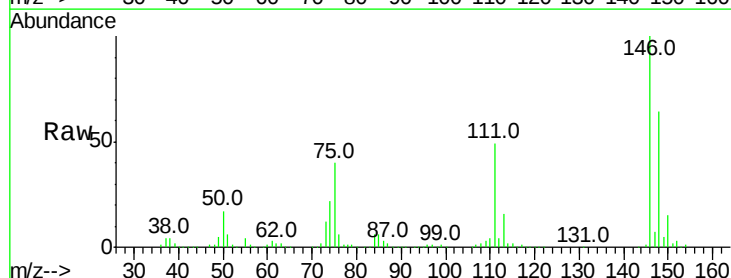


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

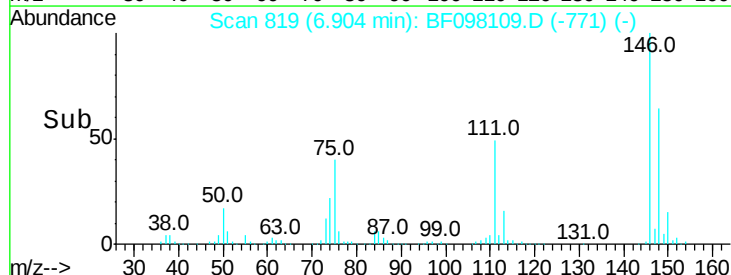
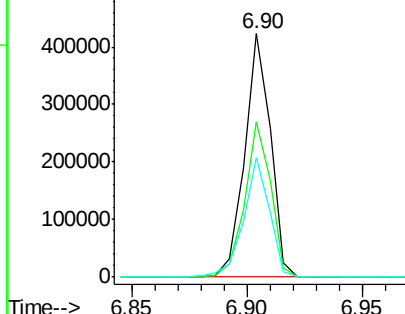


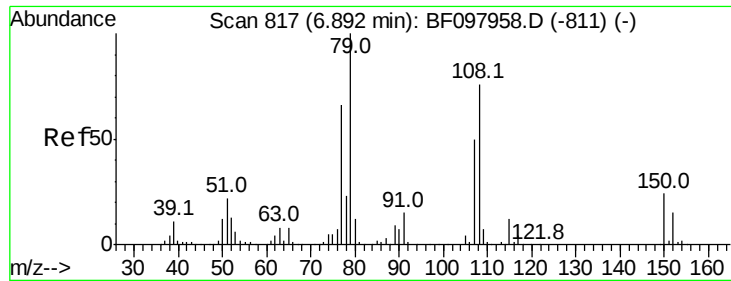
#14
 1,2-Dichlorobenzene
 Concen: 40.238 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion:146 Resp: 329703
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 48.9 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

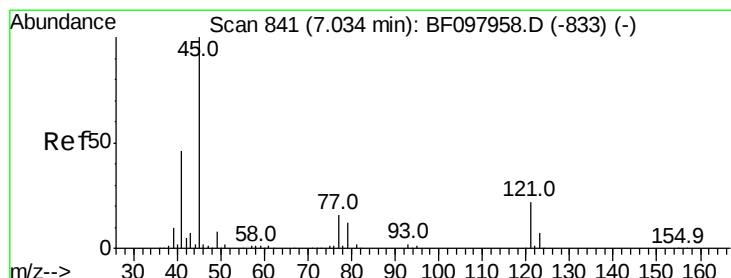
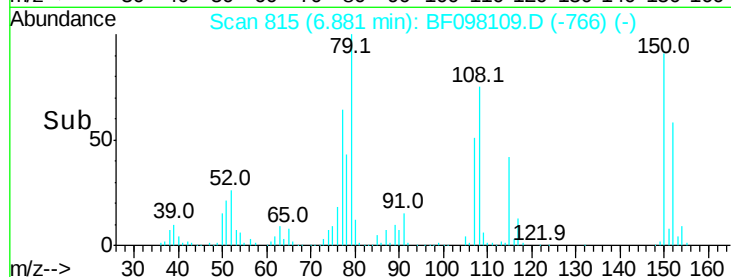
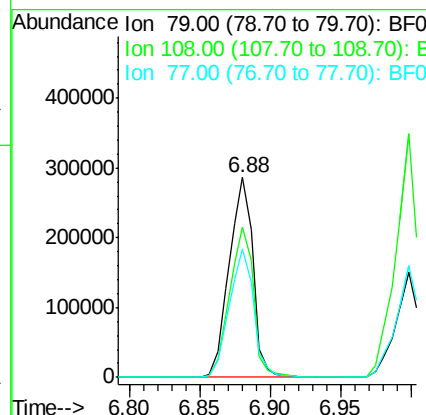
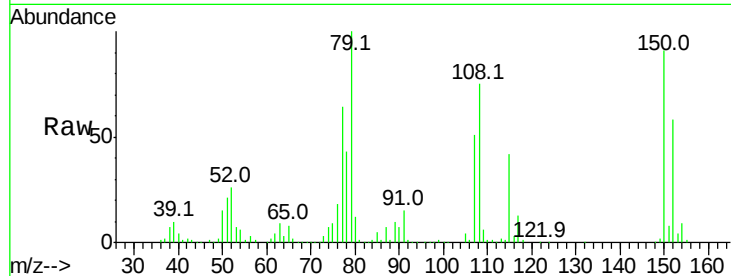




#15
Benzyl Alcohol
Concen: 43.064 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

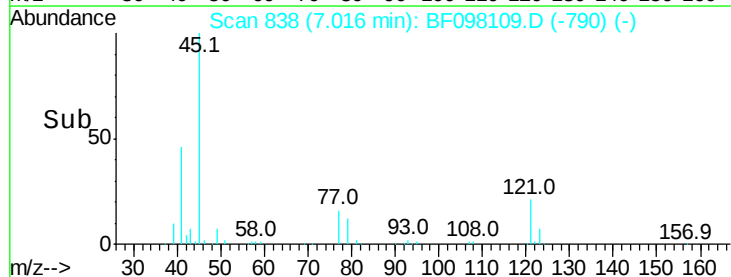
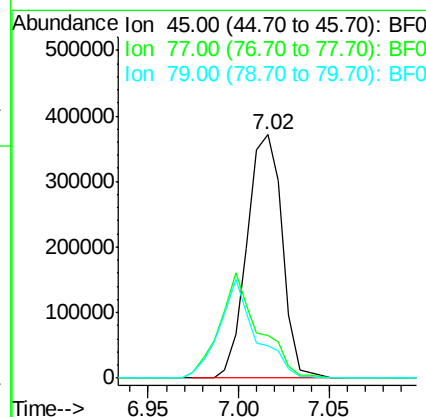
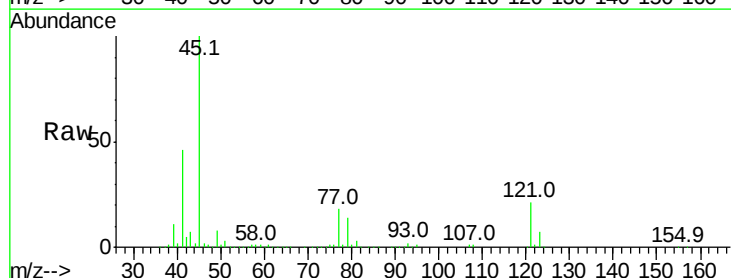
Instrument :
BNA_F
ClientSampled :

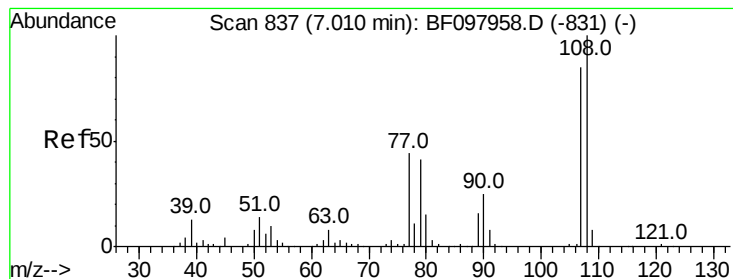
Tot Ion: 79 Resp: 337417
Ion Ratio Lower Upper
79 100
108 75.2 63.4 95.0
77 64.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.431 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion: 45 Resp: 502529
Ion Ratio Lower Upper
45 100
77 17.7 0.0 33.2
79 13.6 0.0 30.0





#17

2-Methylphenol

Concen: 44.011 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 315043

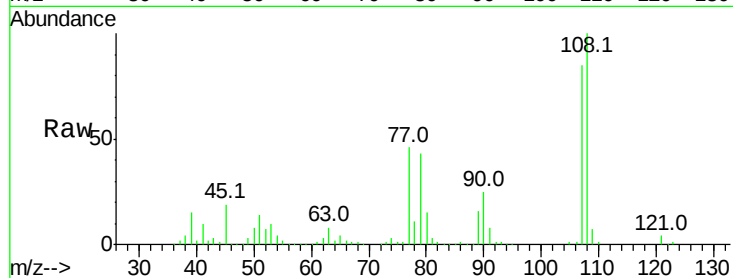
Ion Ratio Lower Upper

107 100

108 117.0 93.4 140.0

77 53.7 35.8 53.6#

79 50.5 34.8 52.2

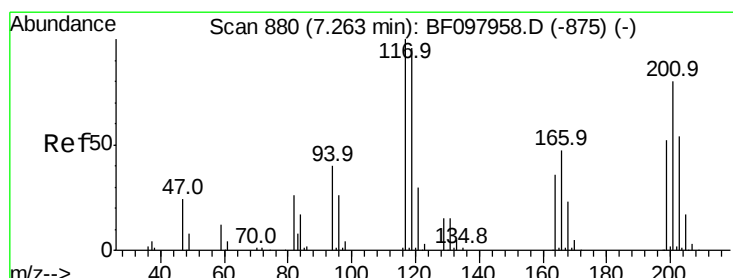
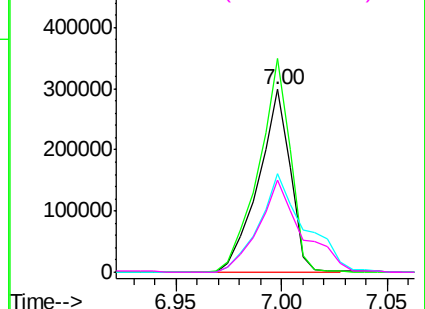
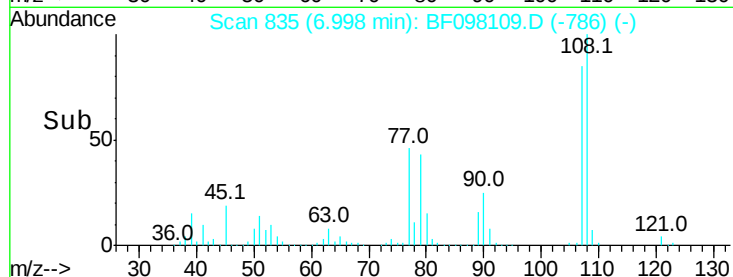


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.303 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

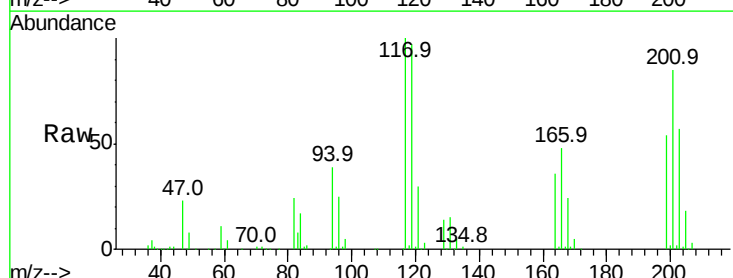
Tgt Ion:117 Resp: 143899

Ion Ratio Lower Upper

117 100

119 97.1 77.4 116.0

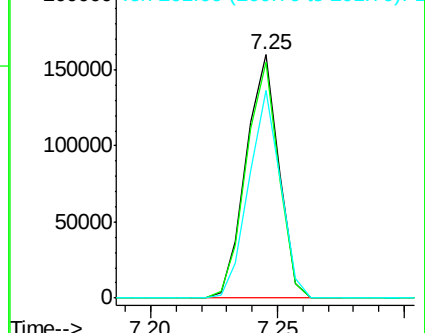
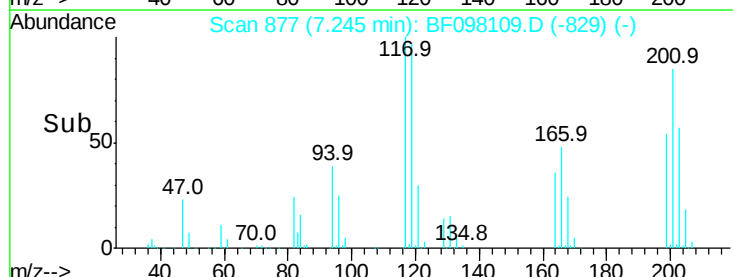
201 85.5 94.6 141.8#

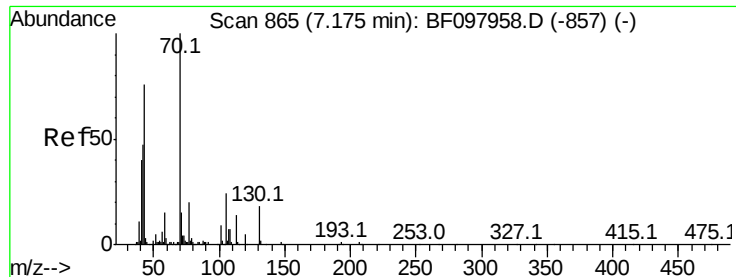


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

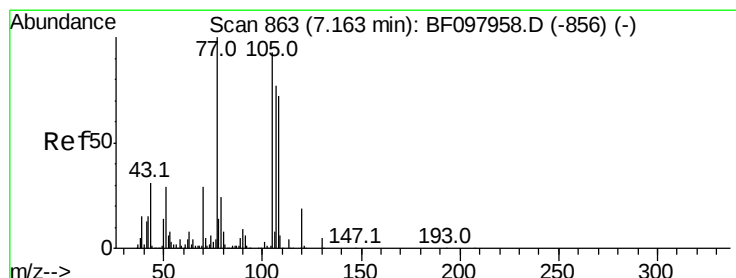
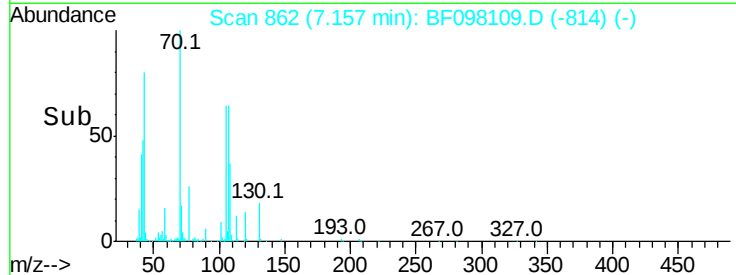
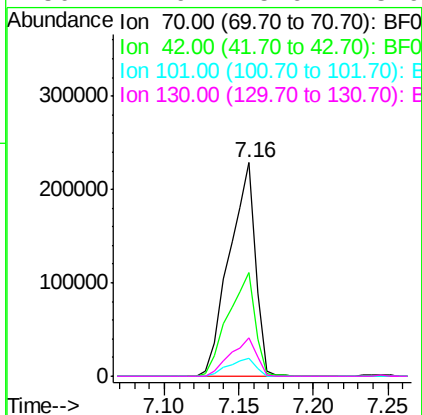
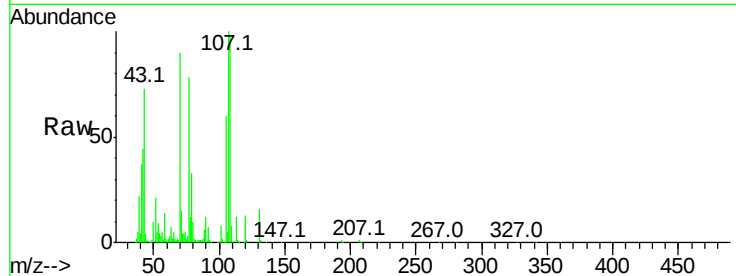




#19
n-Nitroso-di-n-propylamine
Concen: 39.319 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

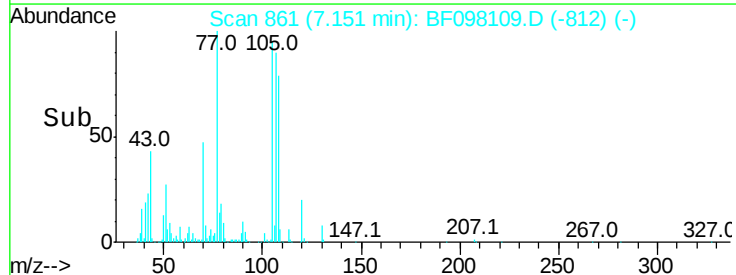
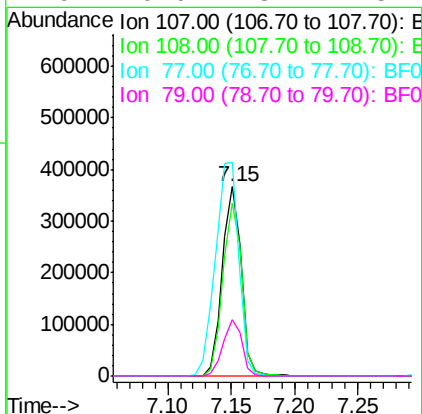
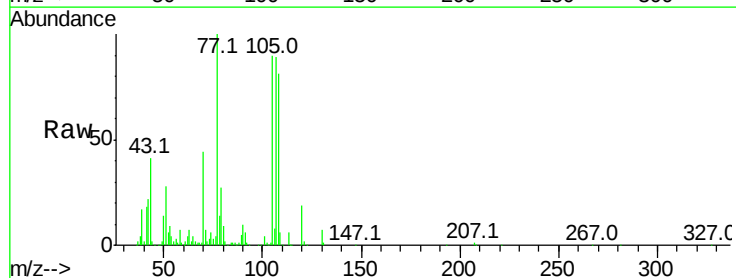
Instrument :
BNA_F
ClientSampleId :

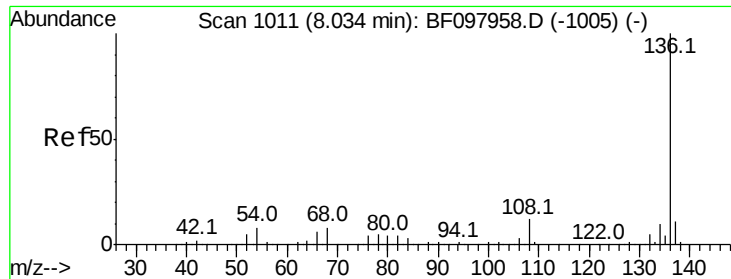
Tot Ion: 70 Resp: 281686
Ion Ratio Lower Upper
70 100
42 48.6 47.2 70.8
101 8.7 7.2 10.8
130 17.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 43.864 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion: 107 Resp: 383504
Ion Ratio Lower Upper
107 100
108 91.4 71.0 111.0
77 112.9 90.5 130.5
79 29.9 8.4 48.4

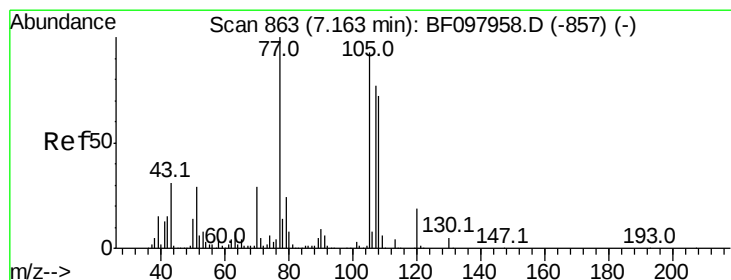
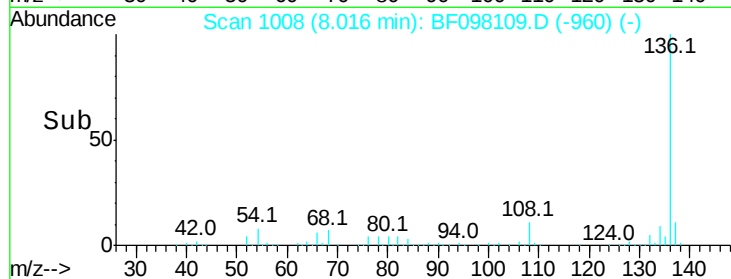
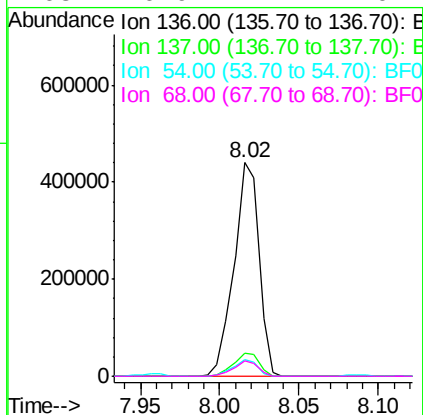
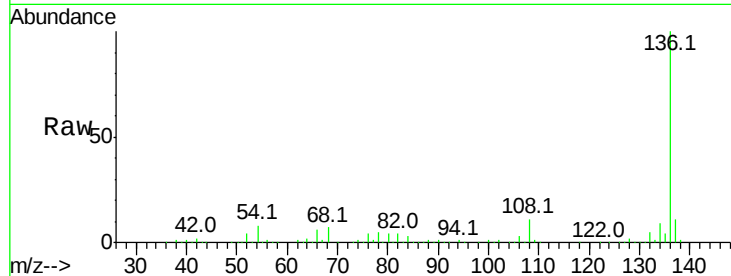




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

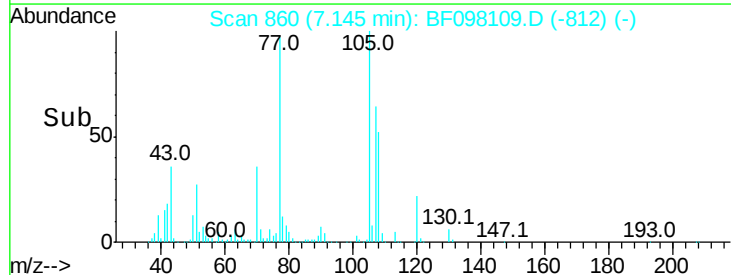
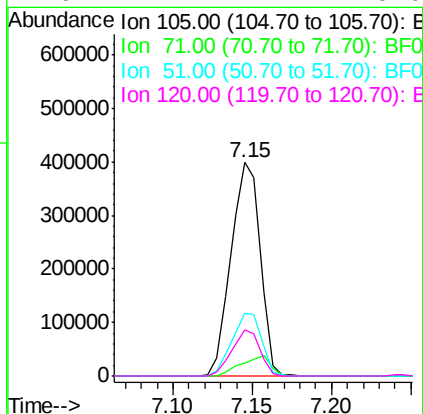
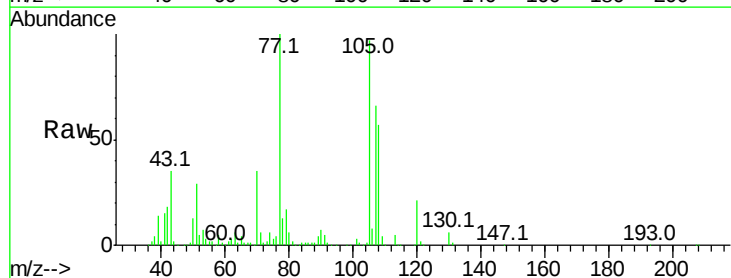
Instrument :
BNA_F
ClientSampleId :

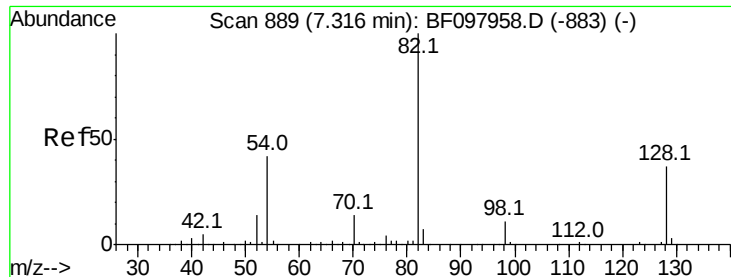
Tot Ion:	136	Resp:	481694
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.9	4.9	7.3#
68	6.9	4.1	6.1#



#22
Acetophenone
Concen: 39.842 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion:	105	Resp:	507002
Ion	Ratio	Lower	Upper
105	100		
71	6.1	2.8	4.2#
51	29.6	30.7	46.1#
120	21.7	17.4	26.0

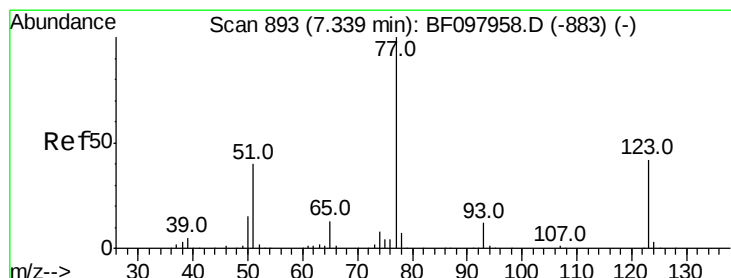
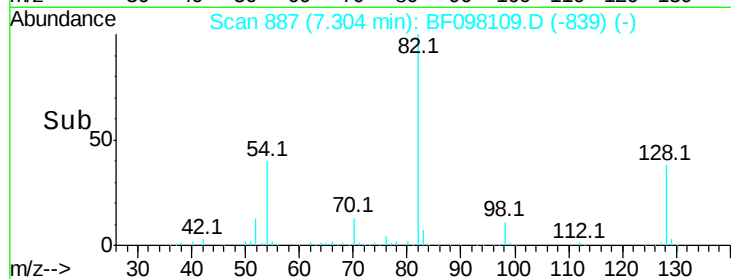
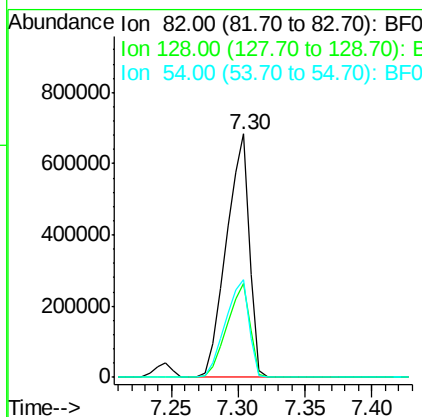
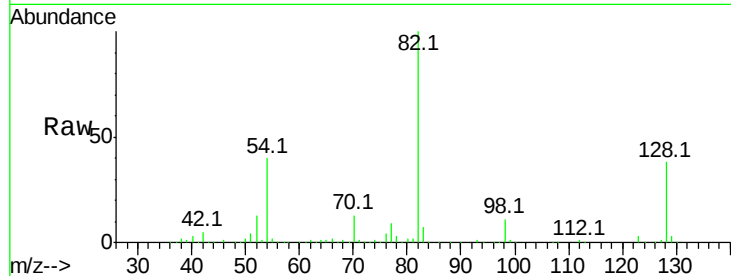




#23
Nitrobenzene-d5
Concen: 93.716 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

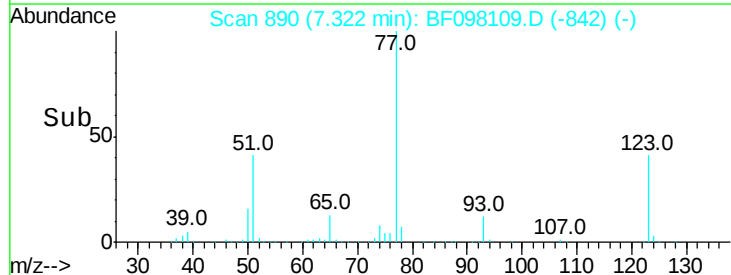
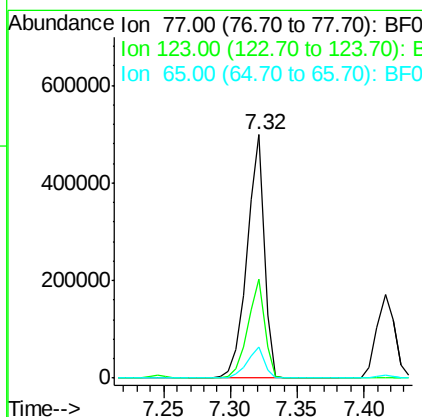
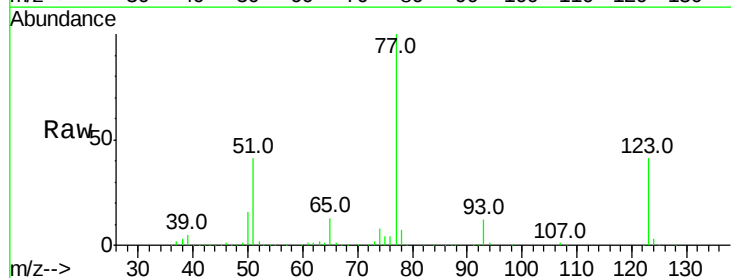
Instrument :
BNA_F
ClientSampleId :

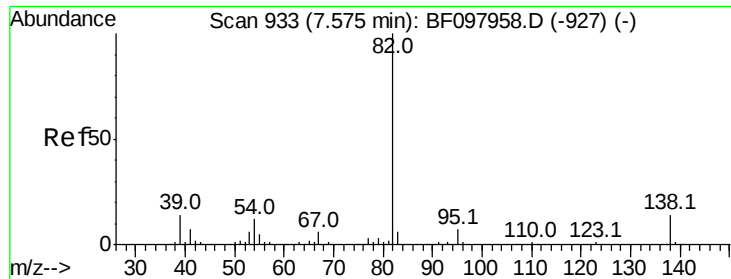
Tot Ion: 82 Resp: 830980
Ion Ratio Lower Upper
82 100
128 38.4 34.0 51.0
54 40.4 42.2 63.2#



#24
Nitrobenzene
Concen: 44.544 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion: 77 Resp: 439777
Ion Ratio Lower Upper
77 100
123 40.9 35.8 53.8
65 12.8 10.6 15.8





#25

Isophorone

Concen: 43.883 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

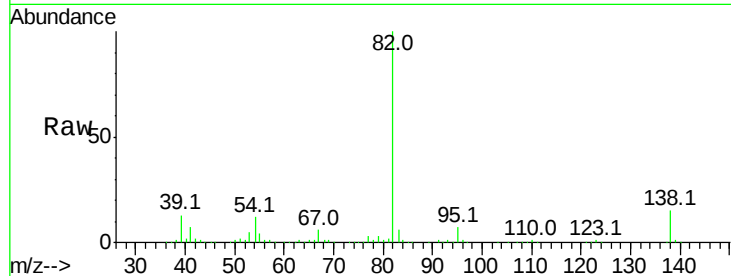
Tot Ion: 82 Resp: 809103

Ion Ratio Lower Upper

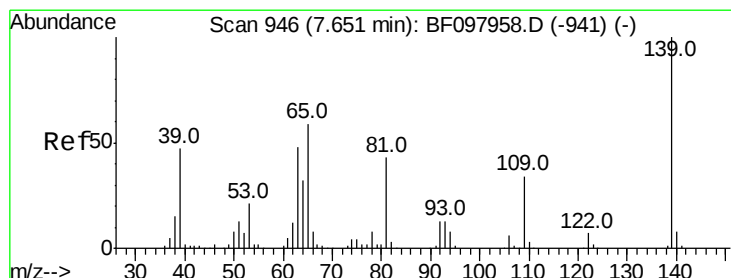
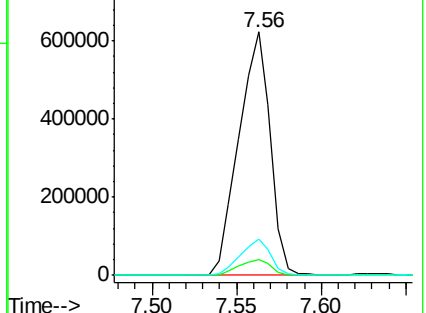
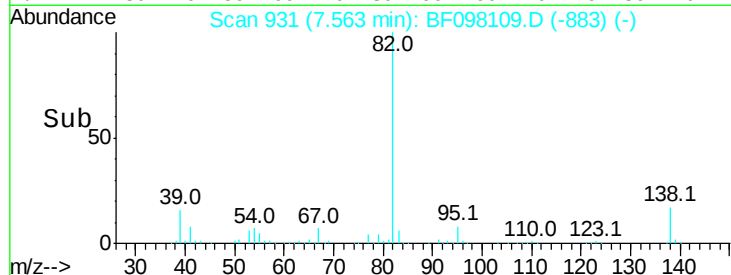
82 100

95 6.7 5.3 7.9

138 14.8 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: 51.136 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

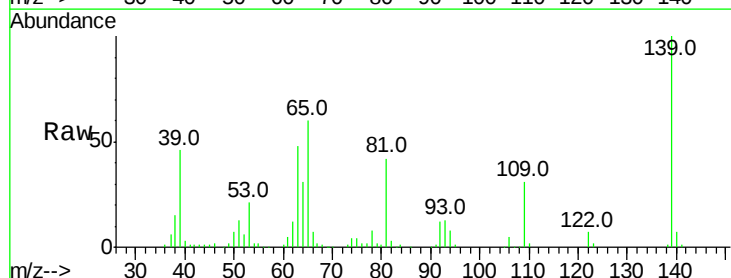
Tgt Ion:139 Resp: 184288

Ion Ratio Lower Upper

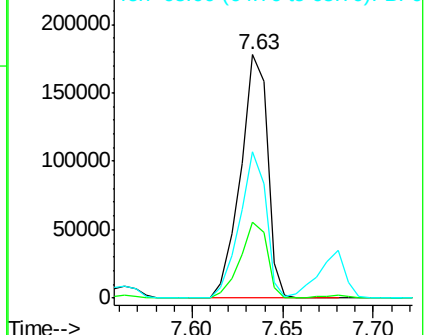
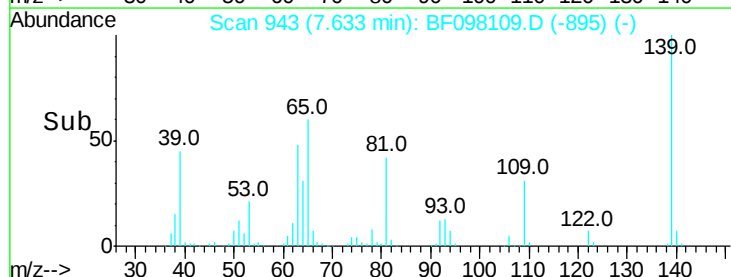
139 100

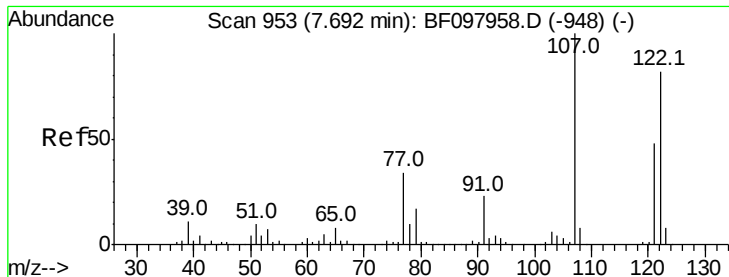
109 31.3 21.0 31.6

65 60.2 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

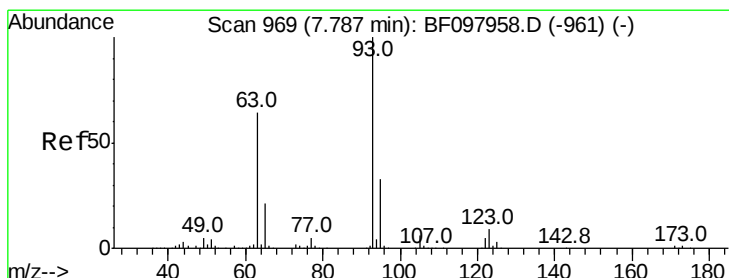
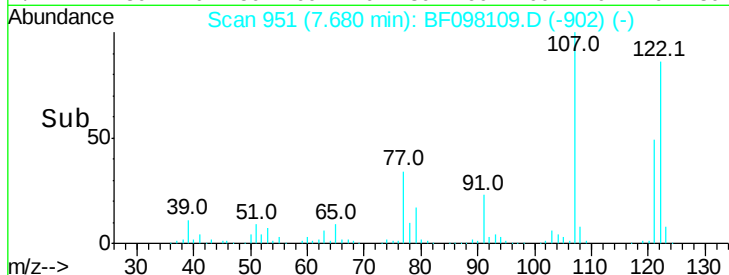
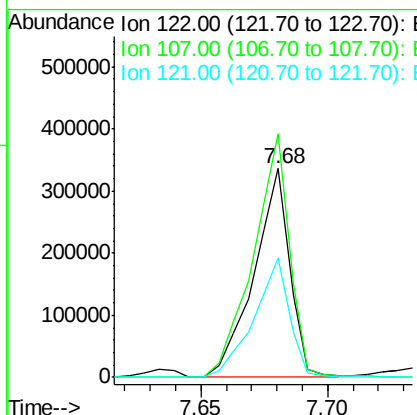
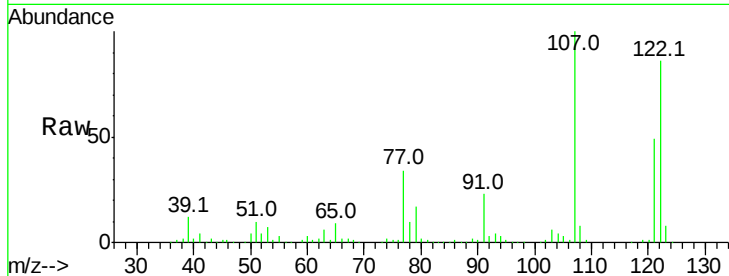




#27
 2,4-Dimethylphenol
 Concen: 43.209 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

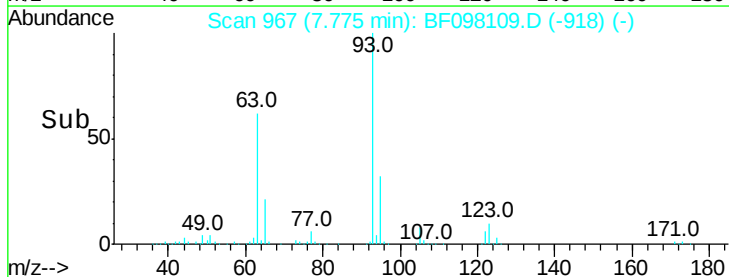
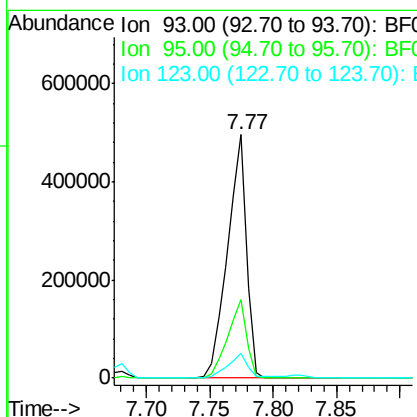
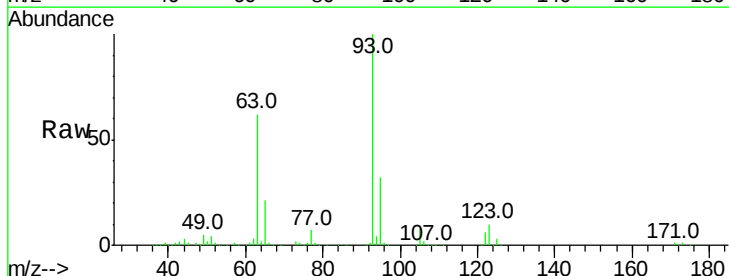
Instrument :
 BNA_F
 ClientSampleId :

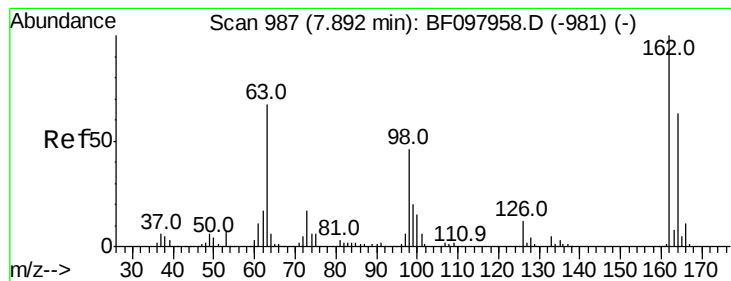
Tot Ion:122 Resp: 332258
 Ion Ratio Lower Upper
 122 100
 107 116.7 89.2 133.8
 121 57.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.282 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion: 93 Resp: 512526
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 9.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 44.735 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampled :

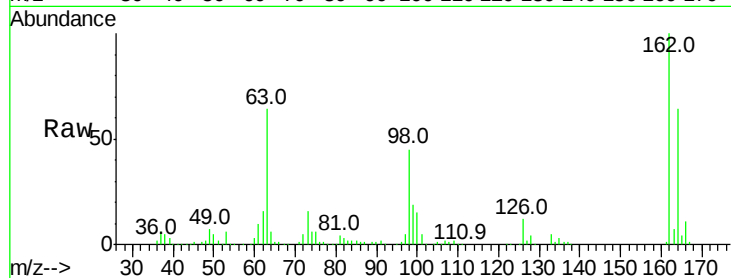
Tot Ion:162 Resp: 285541

Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

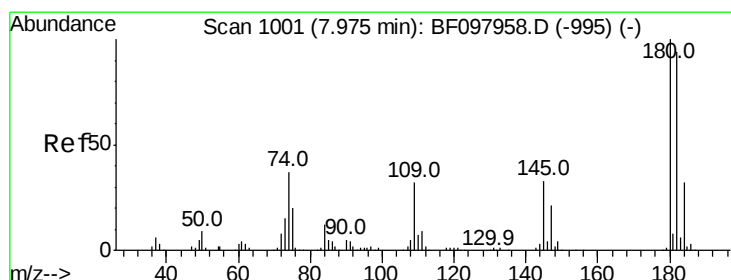
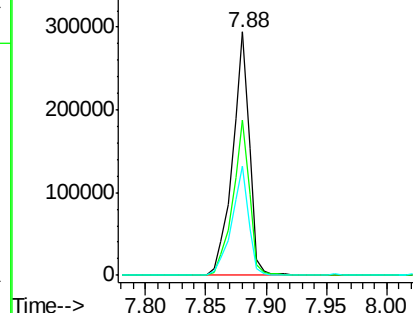
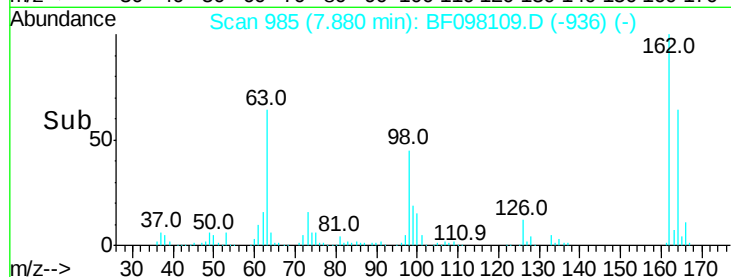
98 44.7 14.8 54.8



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: 40.561 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

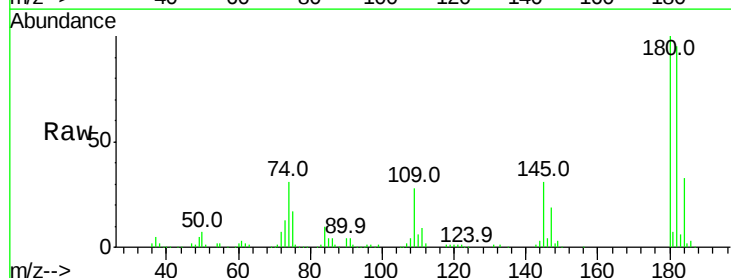
Tgt Ion:180 Resp: 287008

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

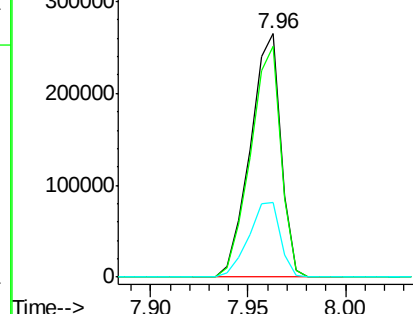
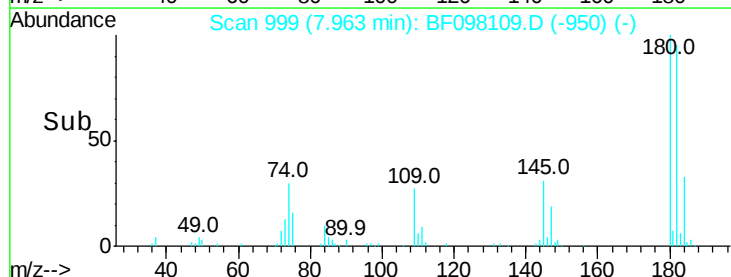
145 30.8 25.3 37.9

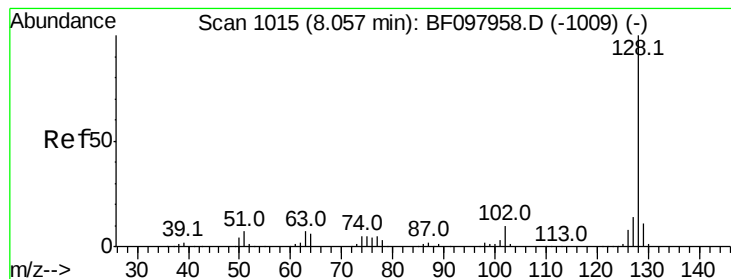


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.602 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

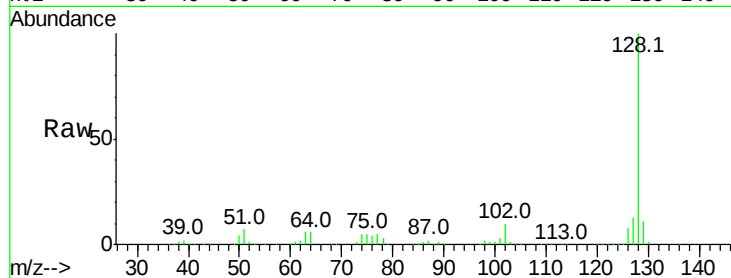
Tot Ion:128 Resp: 1015350

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

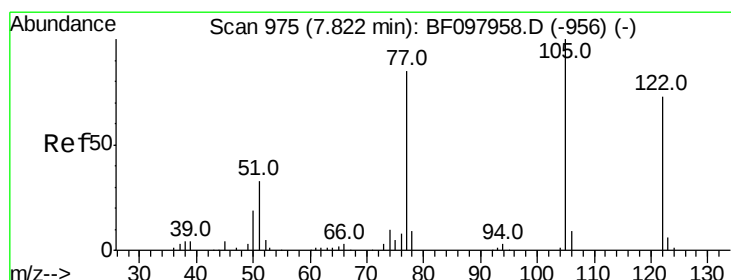
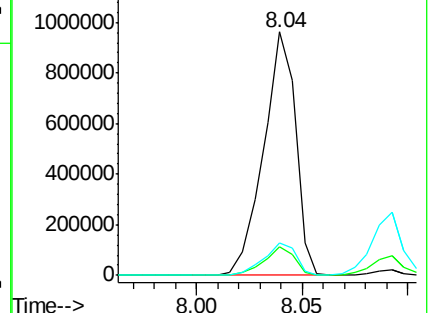
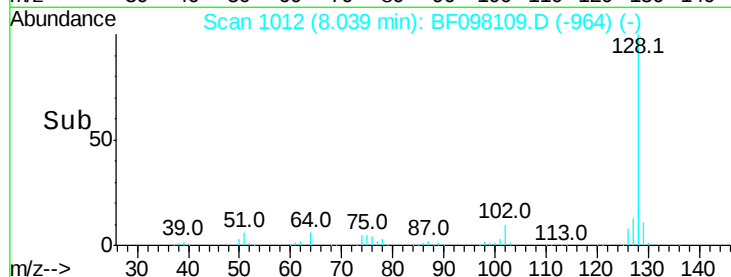
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.694 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

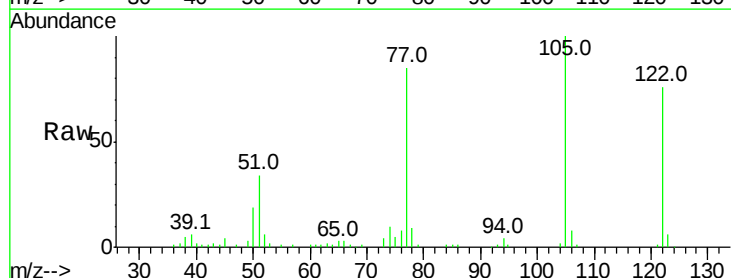
Tgt Ion:122 Resp: 241084

Ion Ratio Lower Upper

122 100

105 131.7 103.3 143.3

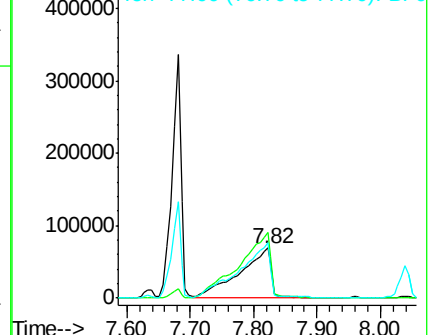
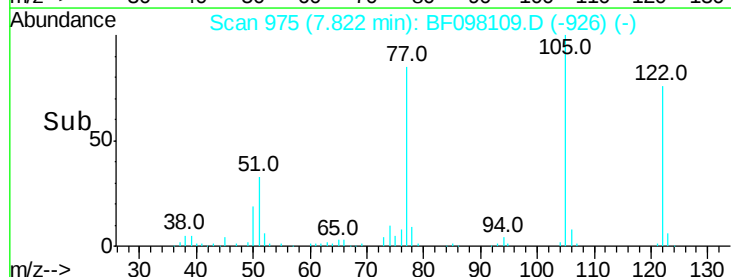
77 112.2 73.7 113.7

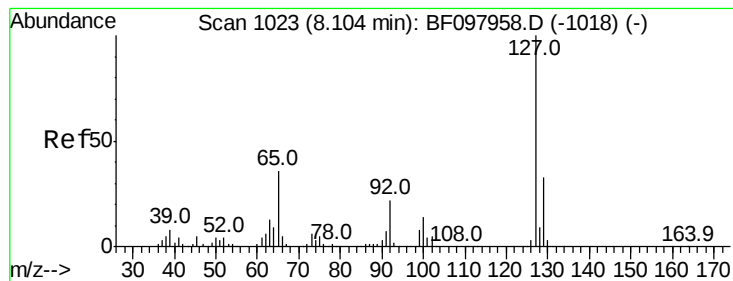


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 24.809 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 261649

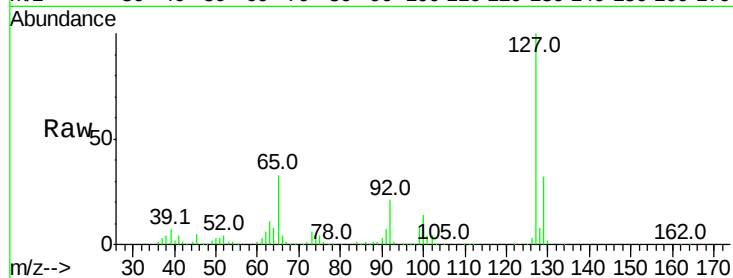
Ion Ratio Lower Upper

127 100

129 31.7 26.2 39.2

65 33.1 27.8 41.8

92 20.7 16.8 25.2

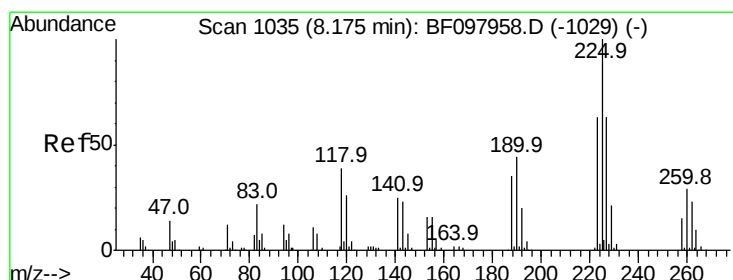
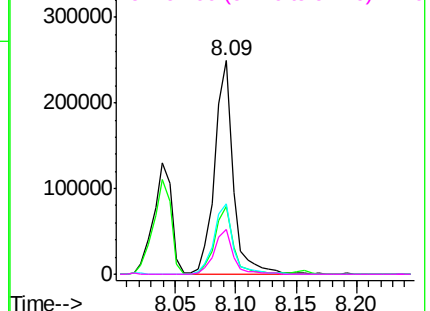
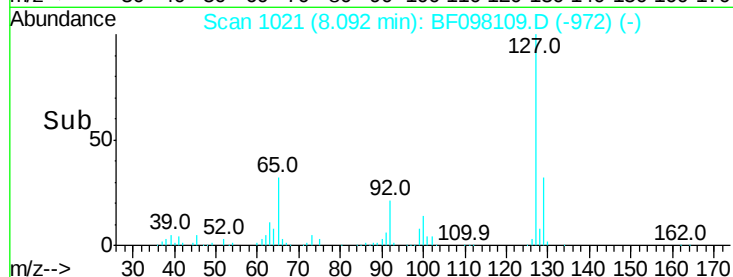


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.733 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

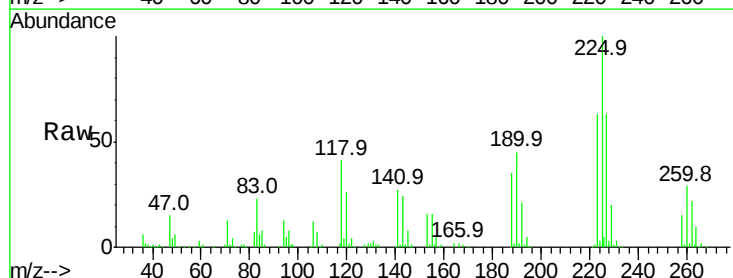
Tgt Ion:225 Resp: 164155

Ion Ratio Lower Upper

225 100

223 63.3 48.8 73.2

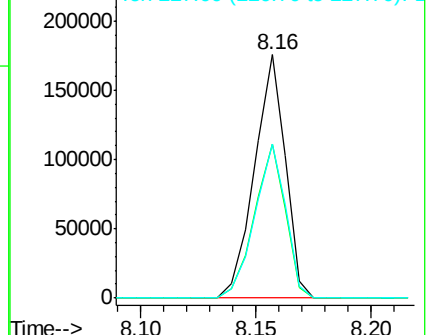
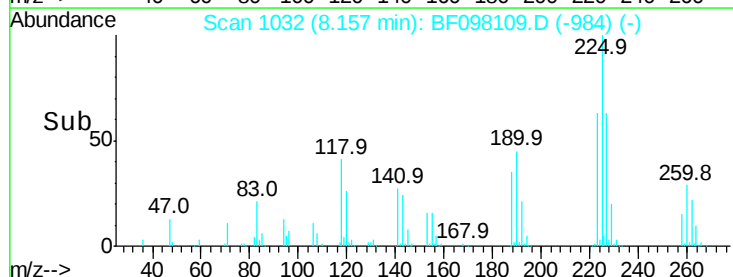
227 63.4 51.1 76.7

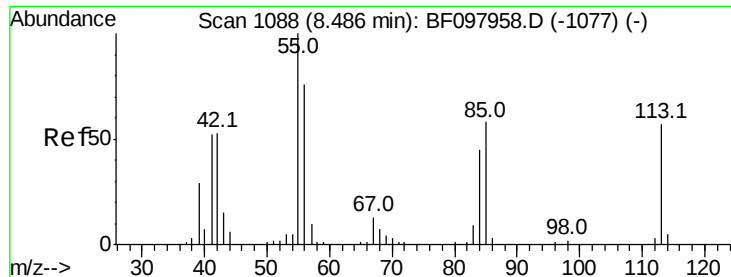


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.901 ng

RT: 8.47 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampled :

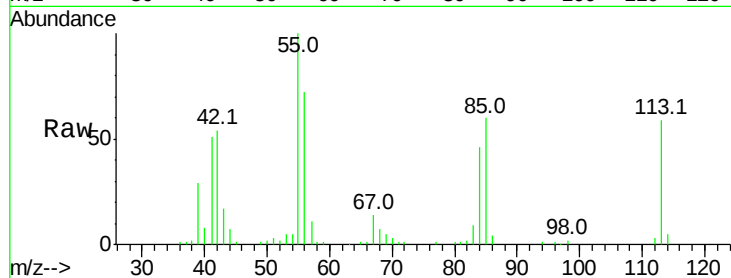
Tot Ion:113 Resp: 54034

Ion Ratio Lower Upper

113 100

55 170.1 150.2 190.2

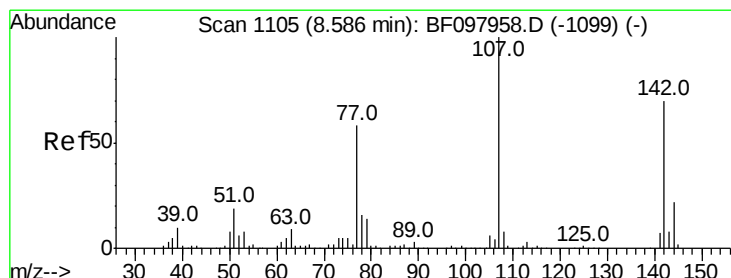
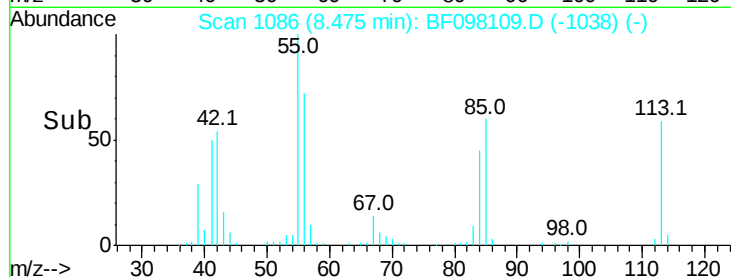
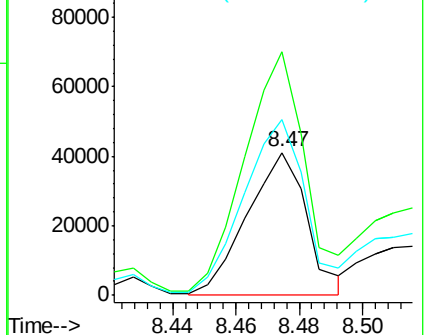
56 122.6 107.8 147.8



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: 43.765 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

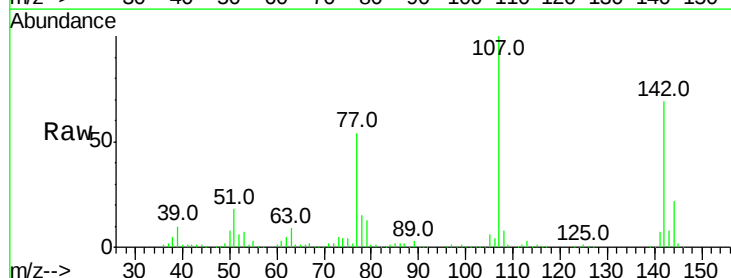
Tgt Ion:107 Resp: 358920

Ion Ratio Lower Upper

107 100

144 22.0 24.2 36.4#

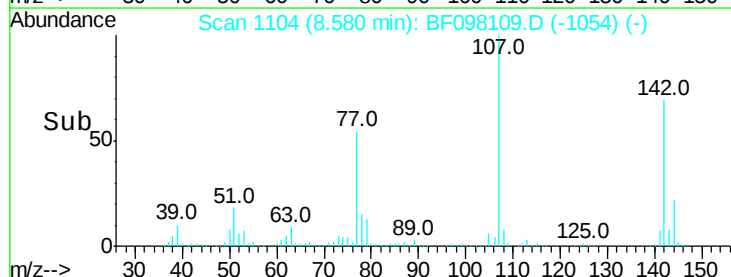
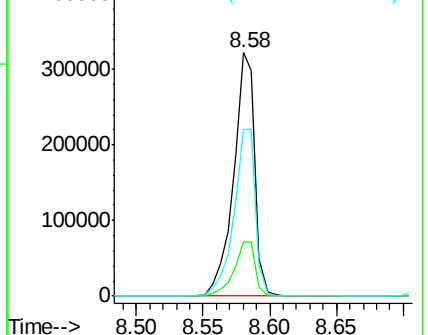
142 68.5 73.4 110.0#

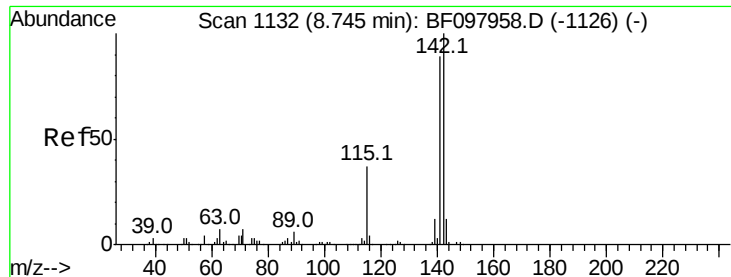


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

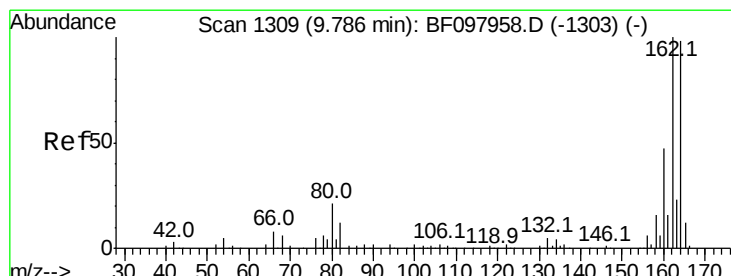
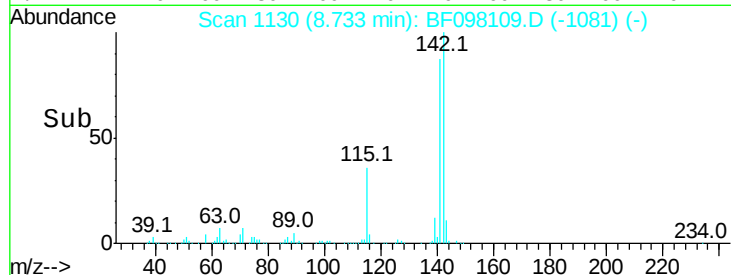
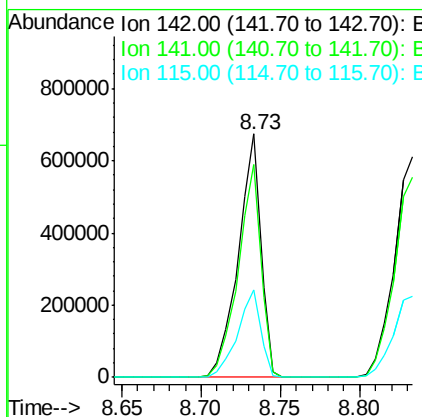
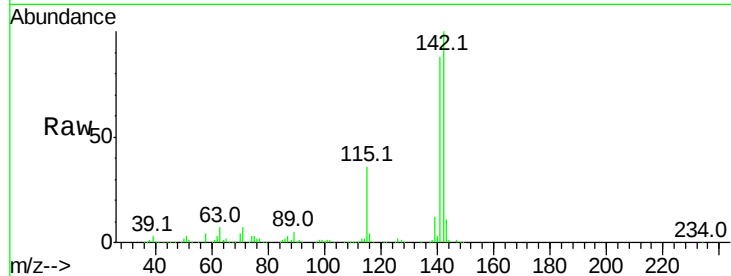




#37
 2-Methylnaphthalene
 Concen: 43.565 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

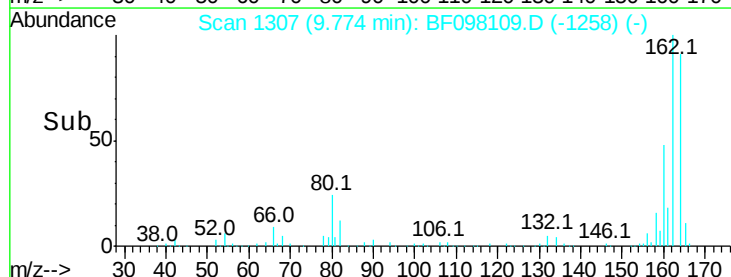
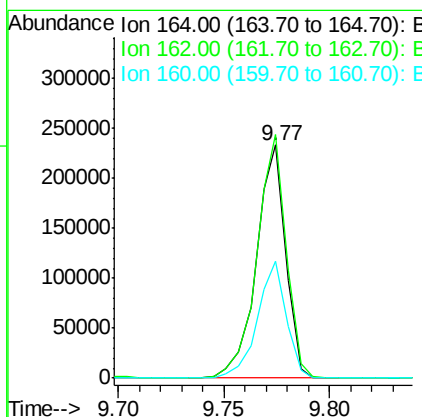
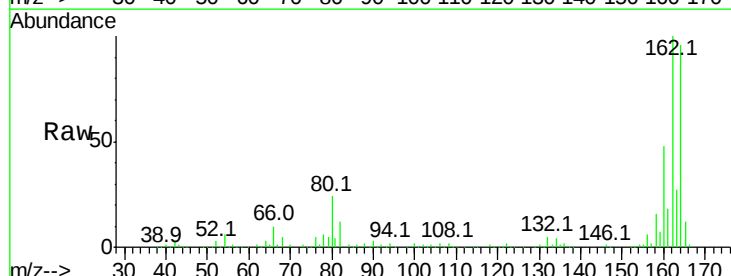
Instrument :
 BNA_F
 ClientSampleId :

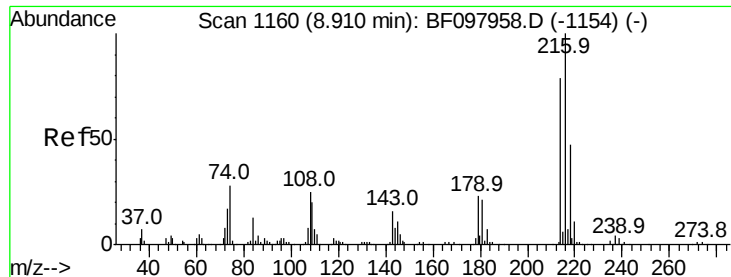
Tot Ion:142 Resp: 667924
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.3 106.9
 115 35.8 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion:164 Resp: 225125
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 123.8
 160 49.9 36.2 54.2

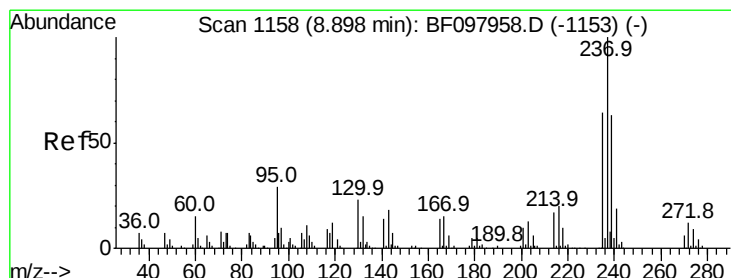
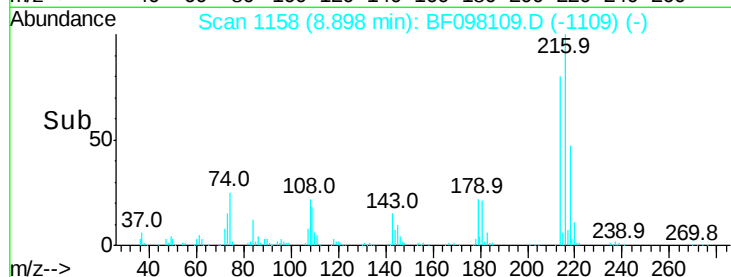
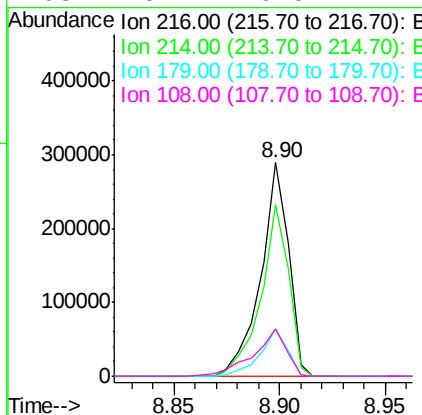
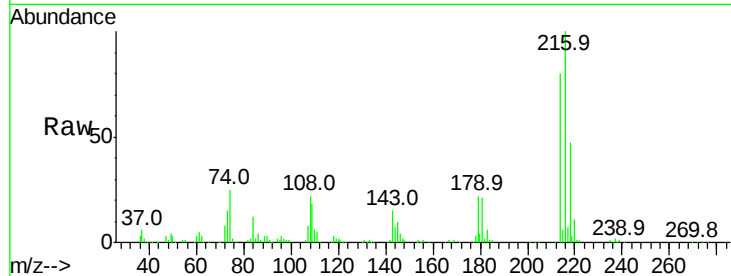




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.531 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

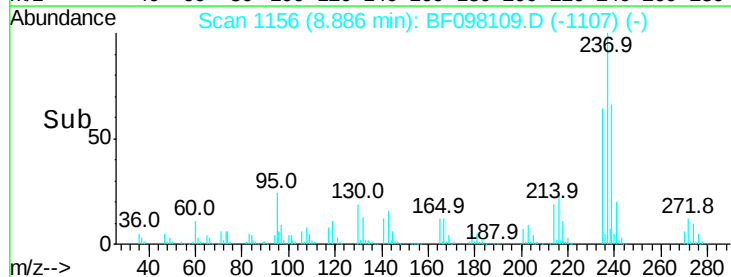
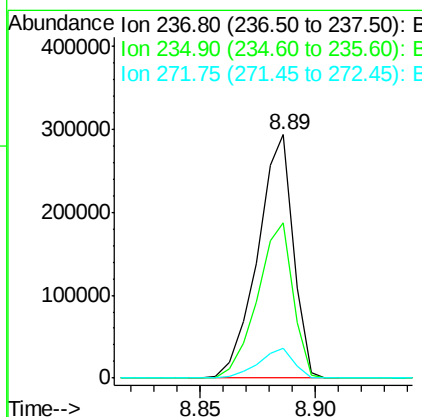
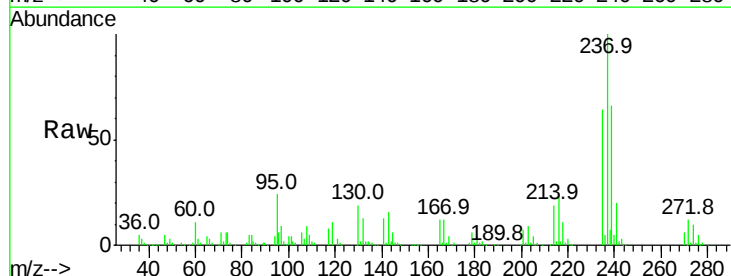
Instrument :
 BNA_F
 ClientSampled :

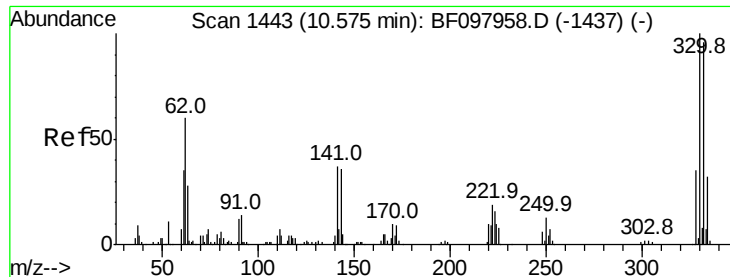
Tot Ion:	216	Resp:	266211
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.2
179	21.9	17.9	26.9
108	26.4	16.5	24.7#



#40
 Hexachlorocyclopentadiene
 Concen: 94.732 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion:	237	Resp:	314430
Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.6	82.6
272	12.2	0.0	31.9

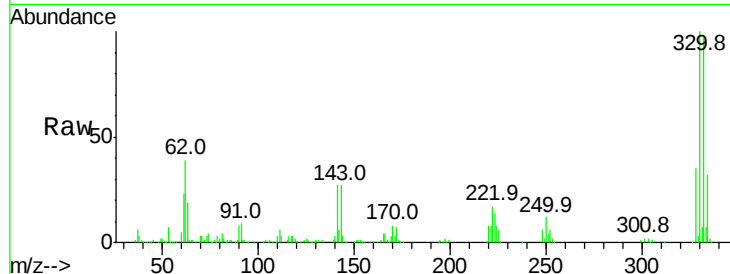




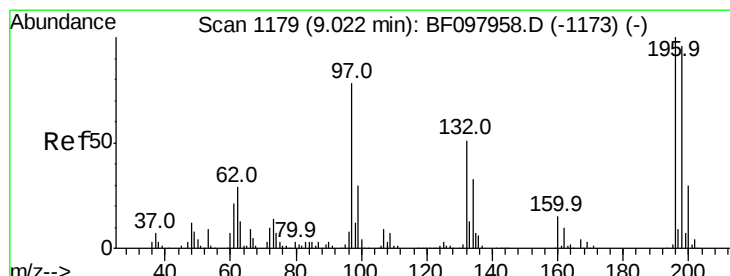
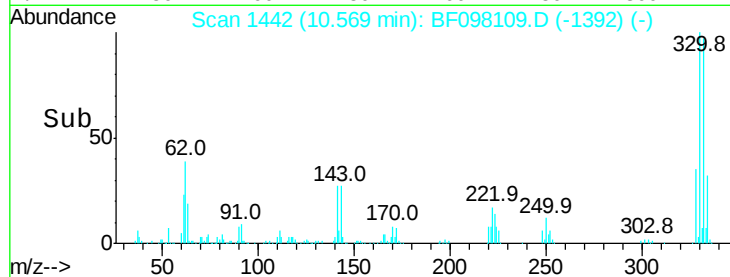
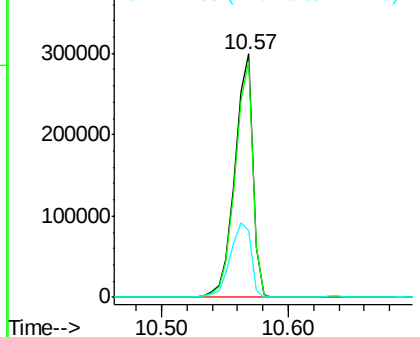
#41
 2,4,6-Tribromophenol
 Concen: 148.865 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	35.4	31.4	47.2

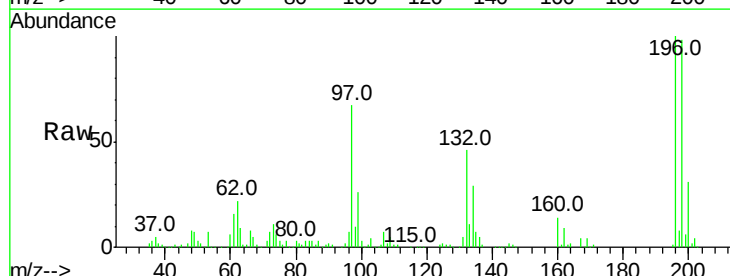


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

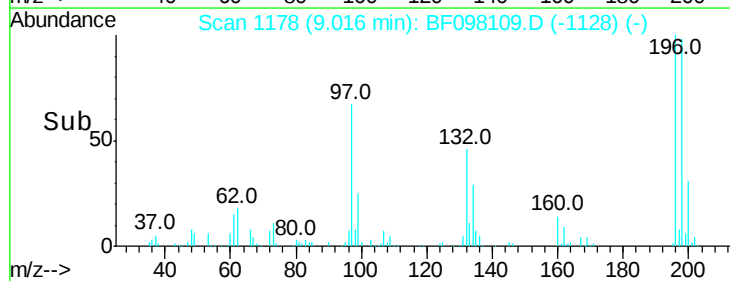
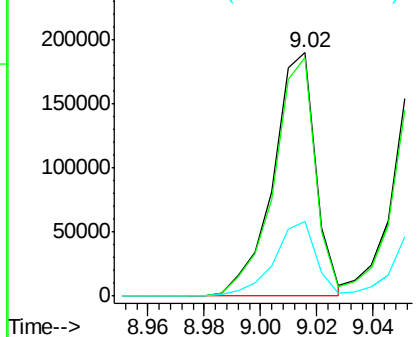


#42
 2,4,6-Trichlorophenol
 Concen: 42.846 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	74.2	111.4
200	30.6	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

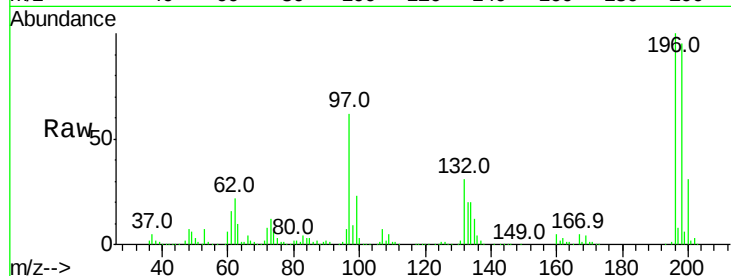




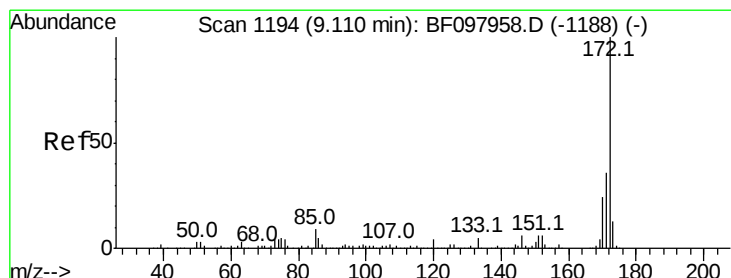
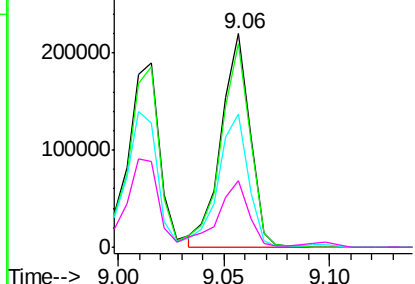
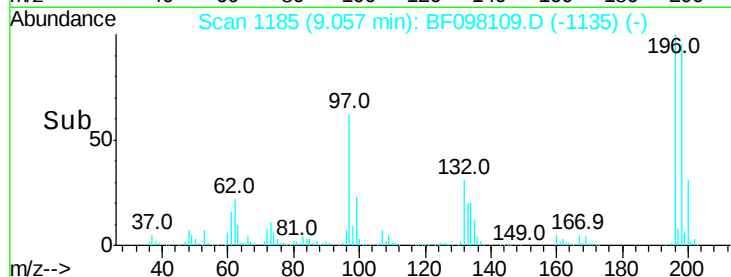
#43
 2,4,5-Trichlorophenol
 Concen: 44.990 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 207032
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 97 62.4 47.7 71.5
 132 31.0 28.0 42.0

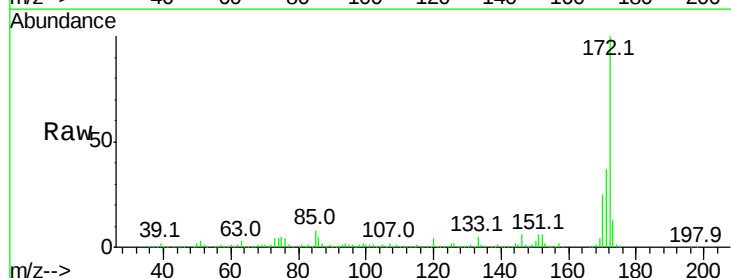


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

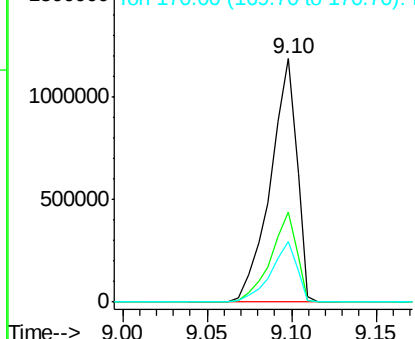
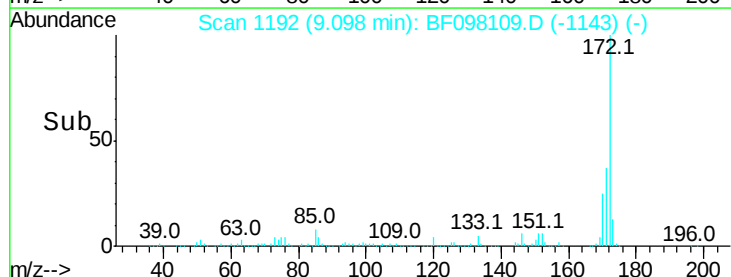


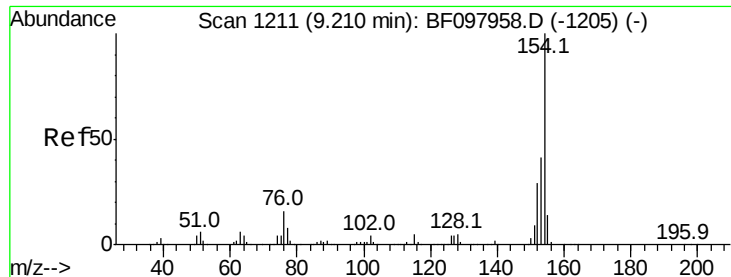
#44
 2-Fluorobiphenyl
 Concen: 84.257 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion:172 Resp: 1291070
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.6 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 38.786 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampled :

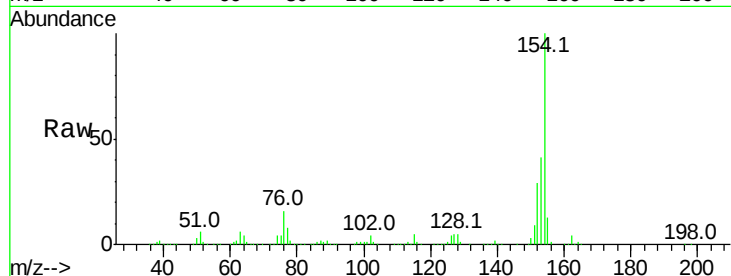
Tot Ion:154 Resp: 796252

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

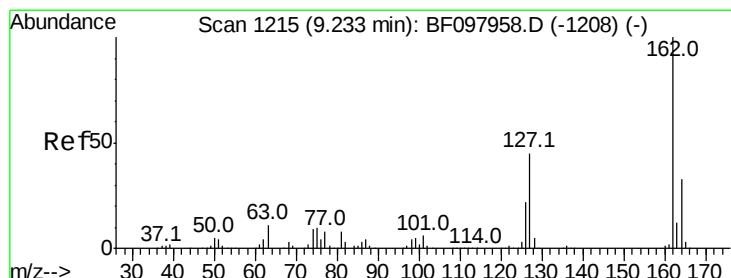
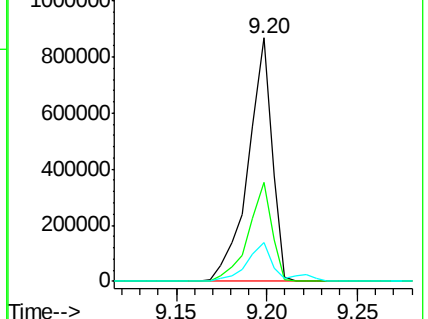
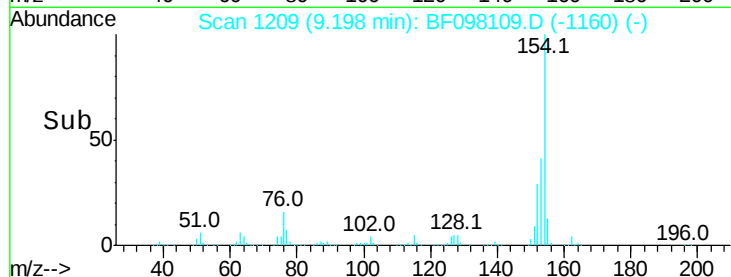
76 15.7 0.0 29.9



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: 38.584 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

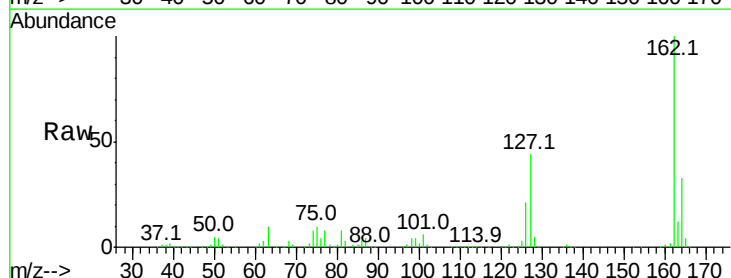
Tgt Ion:162 Resp: 585263

Ion Ratio Lower Upper

162 100

127 43.8 28.3 42.5#

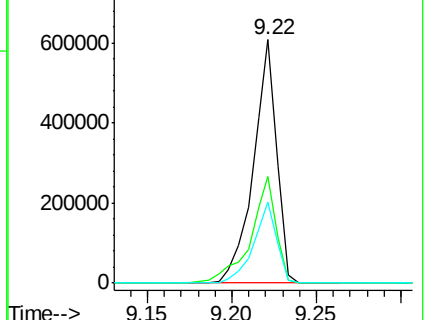
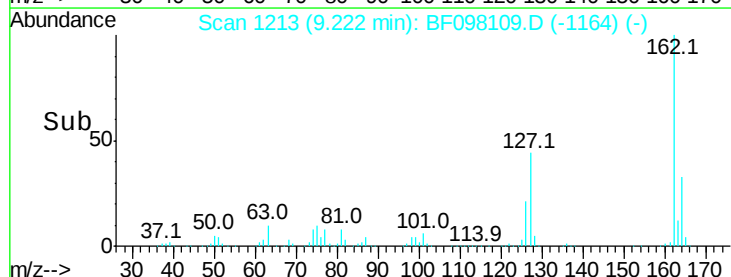
164 33.5 27.0 40.4

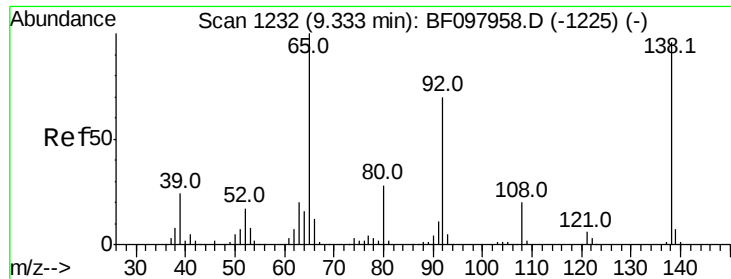


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

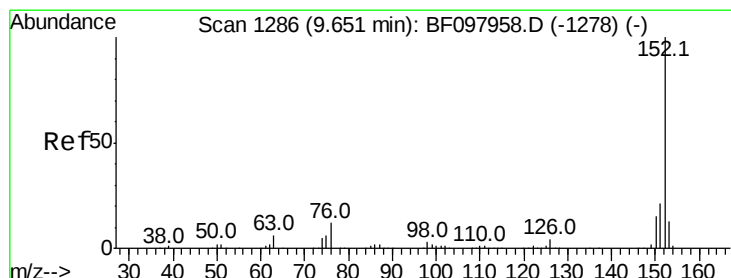
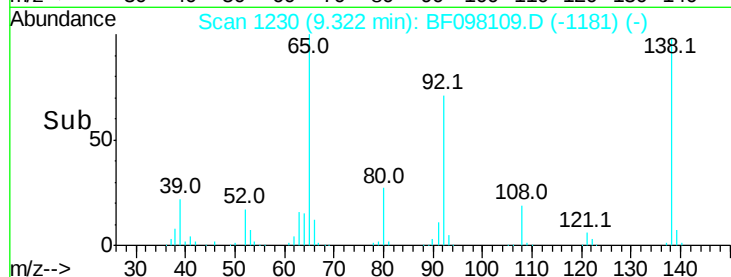
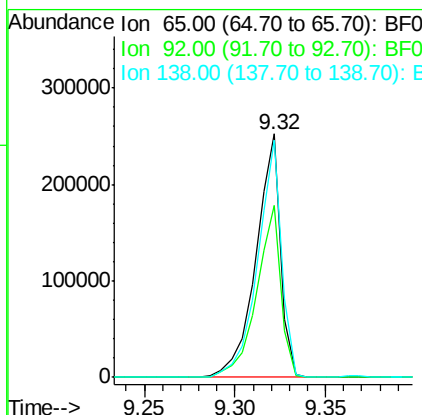
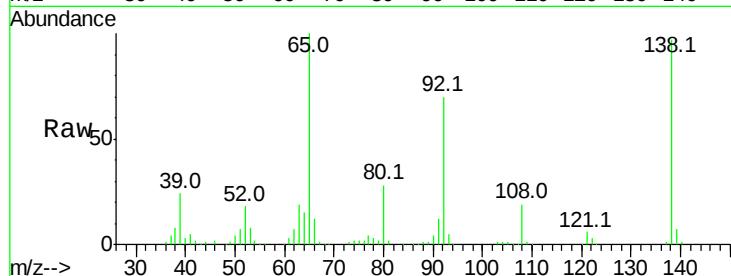




#47
 2-Nitroaniline
 Concen: 46.698 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

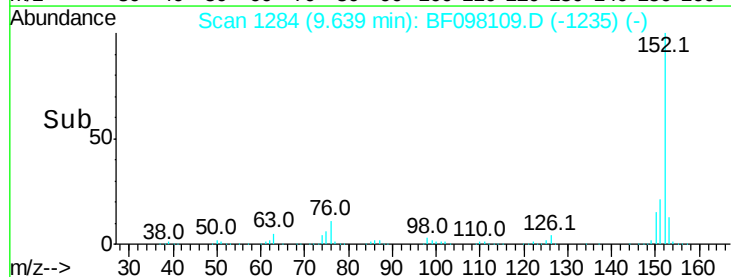
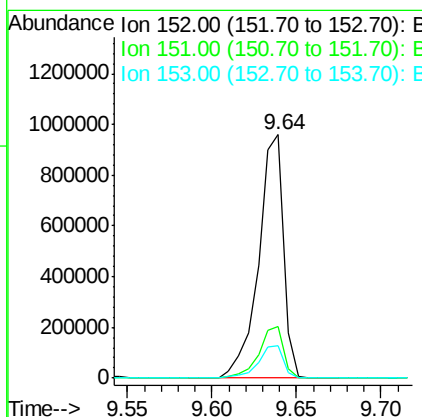
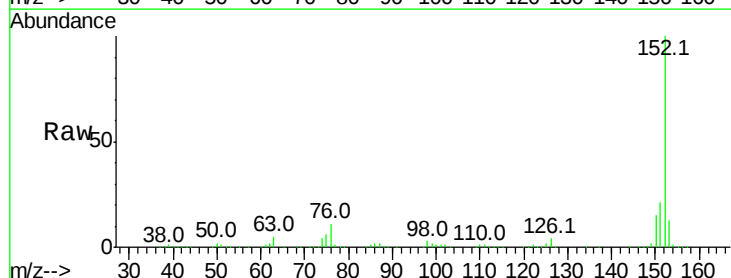
Instrument :
 BNA_F
 ClientSampleId :

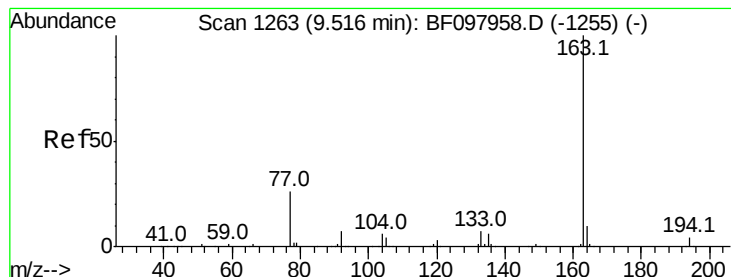
Tot Ion: 65 Resp: 237464
 Ion Ratio Lower Upper
 65 100
 92 70.4 53.9 80.9
 138 97.2 78.8 118.2



#48
 Acenaphthylene
 Concen: 41.245 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion: 152 Resp: 982468
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 45.125 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

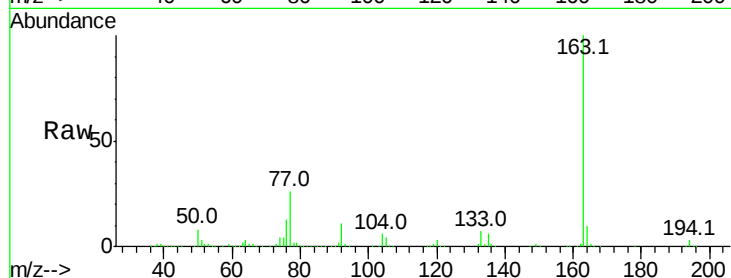
Tot Ion:163 Resp: 742577

Ion Ratio Lower Upper

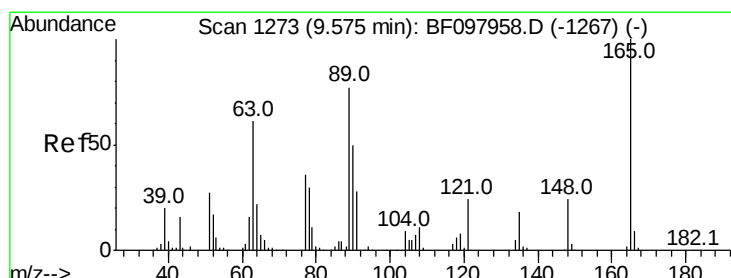
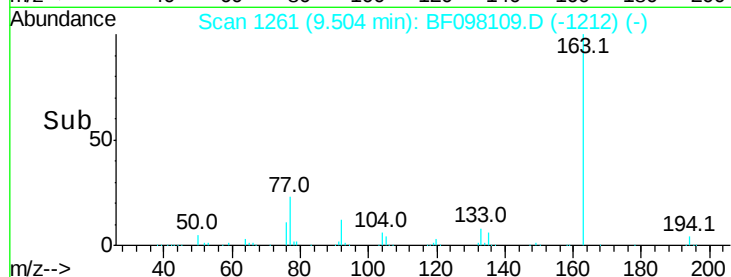
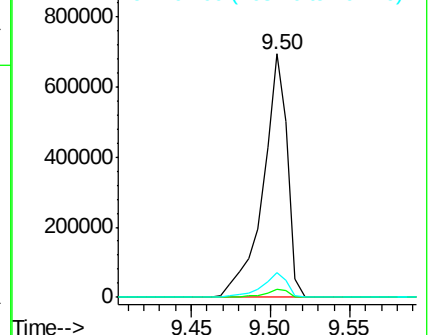
163 100

194 3.4 2.6 4.0

164 10.1 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 48.719 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

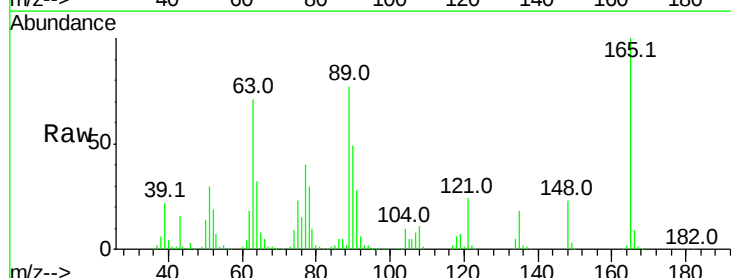
Tgt Ion:165 Resp: 160030

Ion Ratio Lower Upper

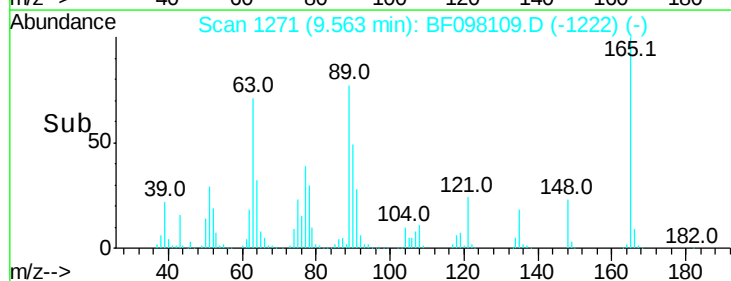
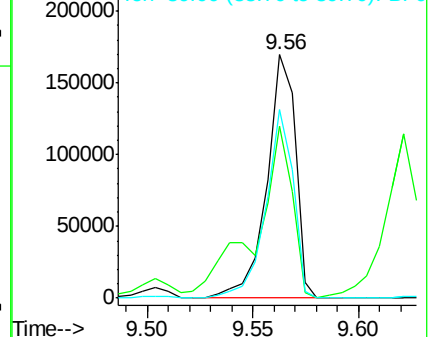
165 100

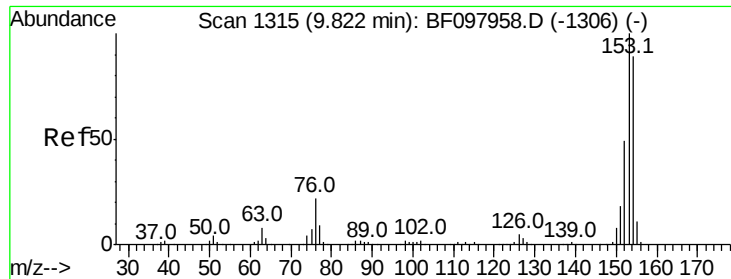
63 70.6 34.3 51.5#

89 77.3 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.631 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

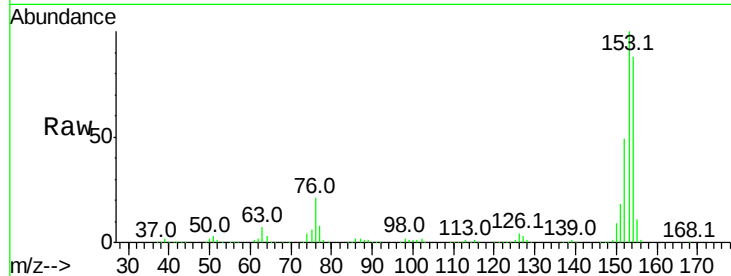
Tot Ion:154 Resp: 580359

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

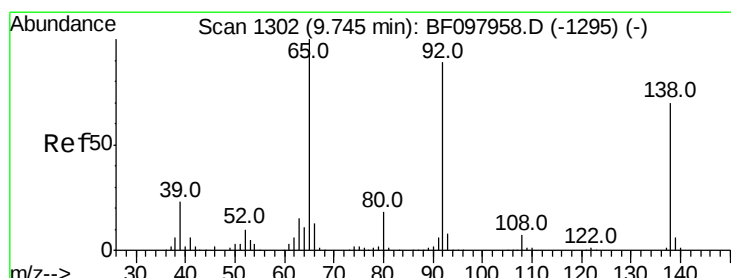
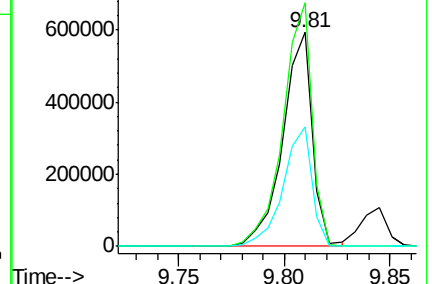
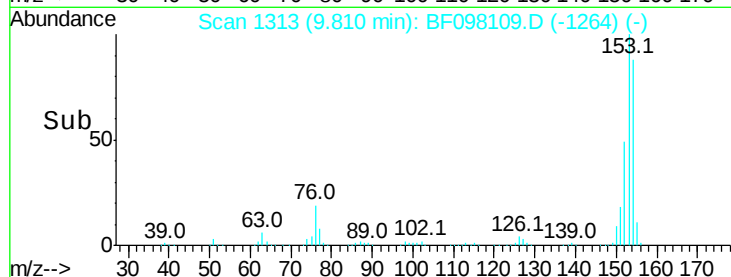
152 55.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.176 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

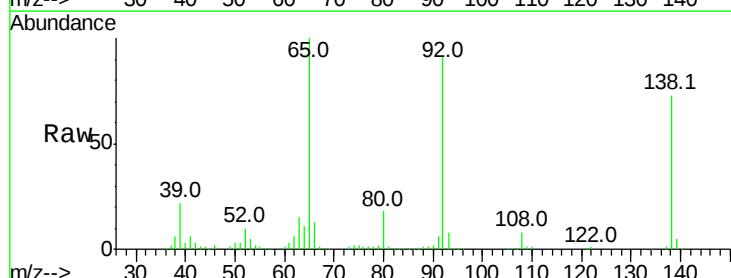
Tgt Ion:138 Resp: 136359

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

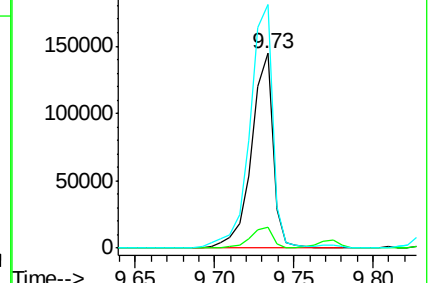
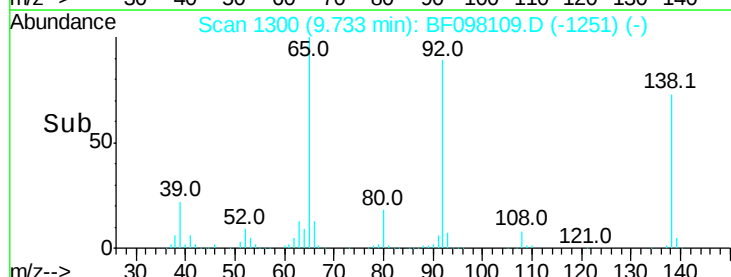
92 125.1 93.8 140.6



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

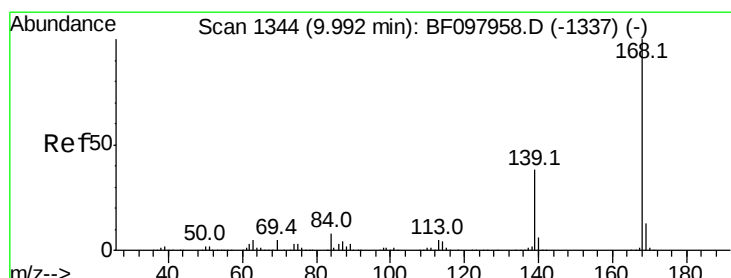
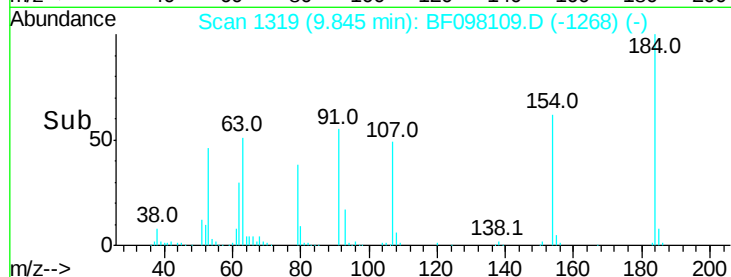
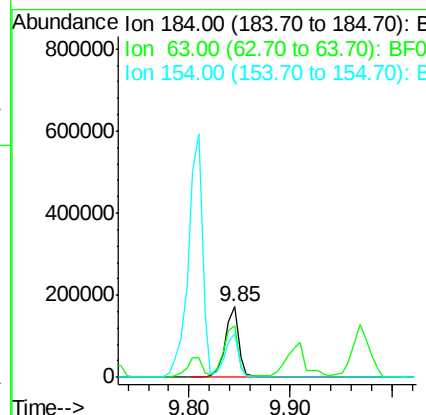
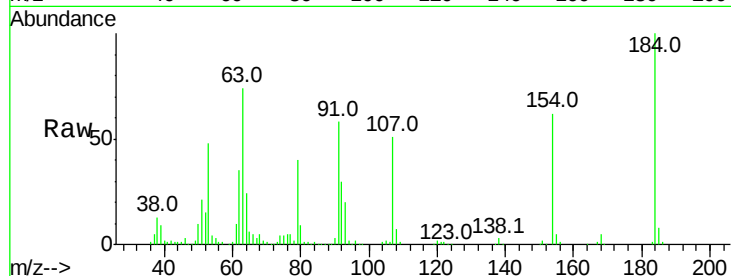




#53
2,4-Dinitrophenol
Concen: 100.603 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

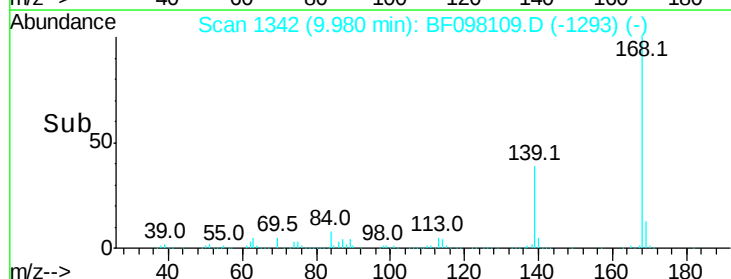
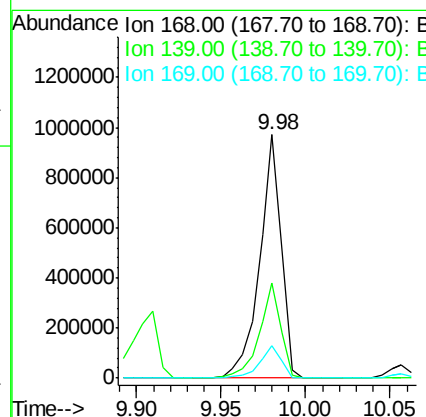
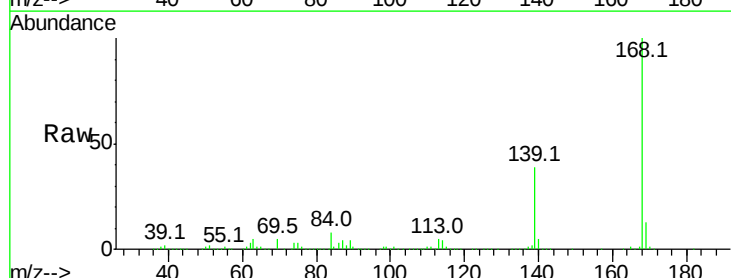
Instrument :
BNA_F
ClientSampleId :

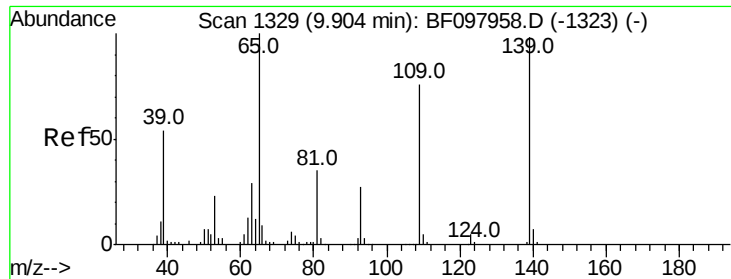
Tot Ion:184 Resp: 161867
Ion Ratio Lower Upper
184 100
63 73.6 62.7 94.1
154 62.1 81.1 121.7#



#54
Dibenzofuran
Concen: 42.979 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion:168 Resp: 865340
Ion Ratio Lower Upper
168 100
139 38.8 30.6 45.8
169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 84.326 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

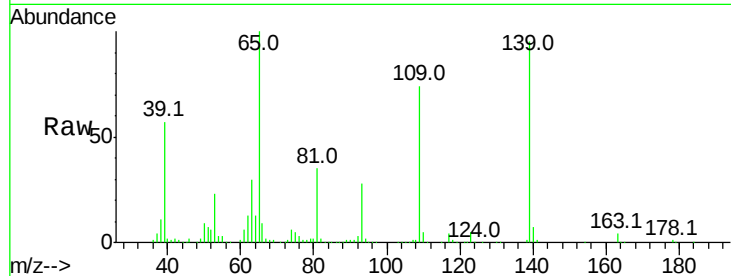
Tot Ion:139 Resp: 285079

Ion Ratio Lower Upper

139 100

109 77.7 34.1 74.1#

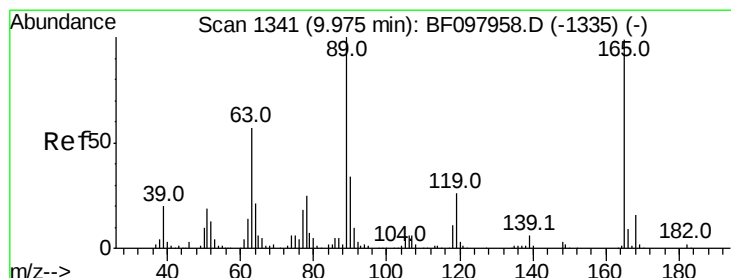
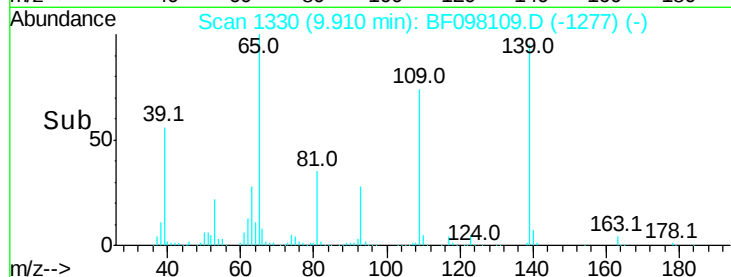
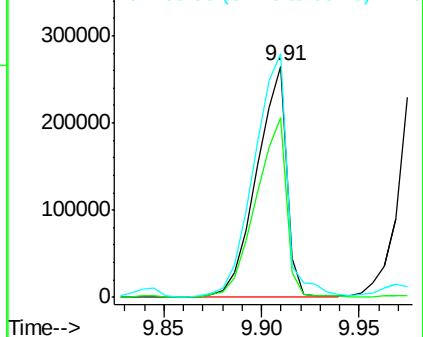
65 105.3 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 50.928 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:165 Resp: 209937

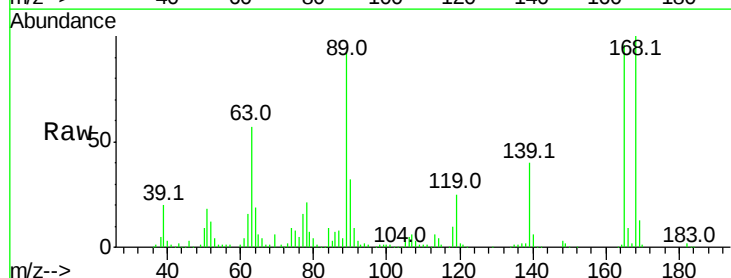
Ion Ratio Lower Upper

165 100

63 59.3 25.4 38.0#

89 95.6 46.4 69.6#

182 2.1 1.8 2.6

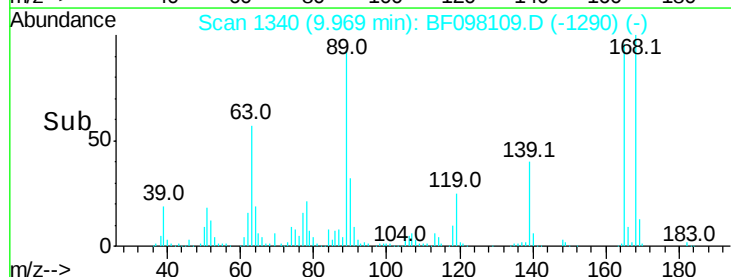
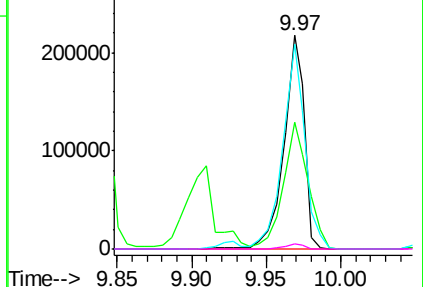


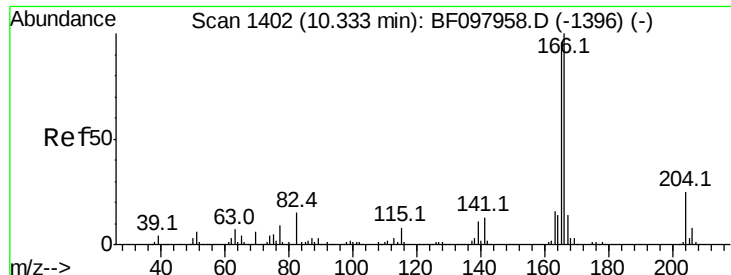
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.616 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

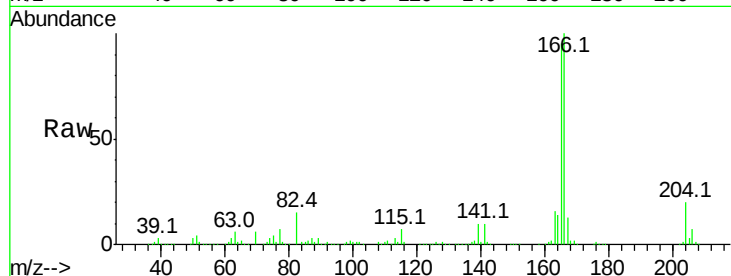
Tot Ion:166 Resp: 663393

Ion Ratio Lower Upper

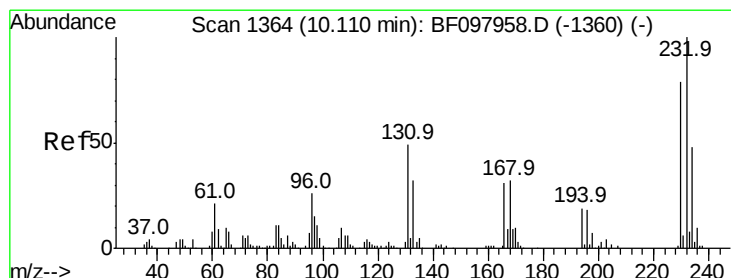
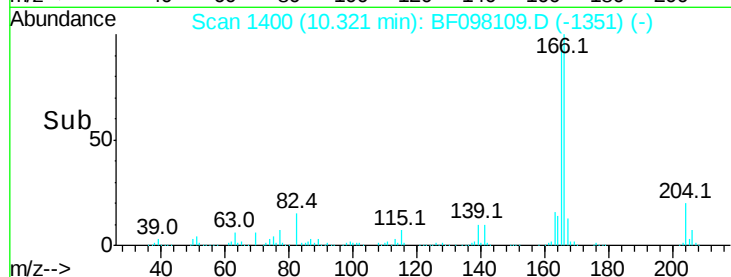
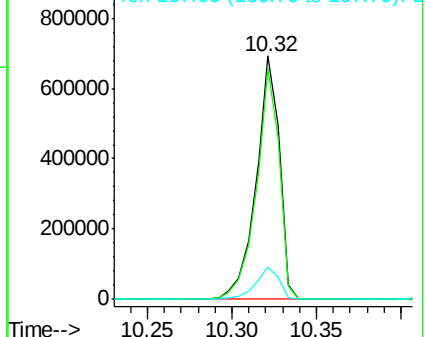
166 100

165 94.7 78.8 118.2

167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.533 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:232 Resp: 183603

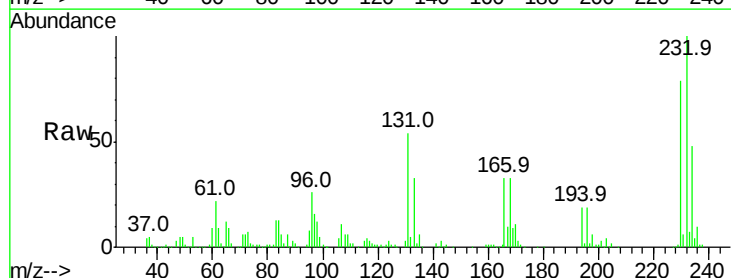
Ion Ratio Lower Upper

232 100

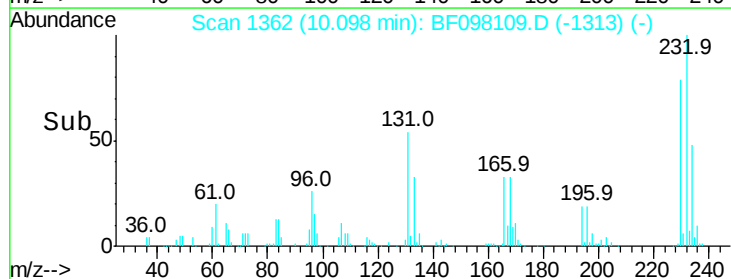
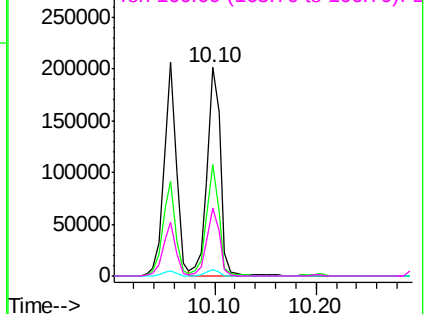
131 50.2 44.8 67.2

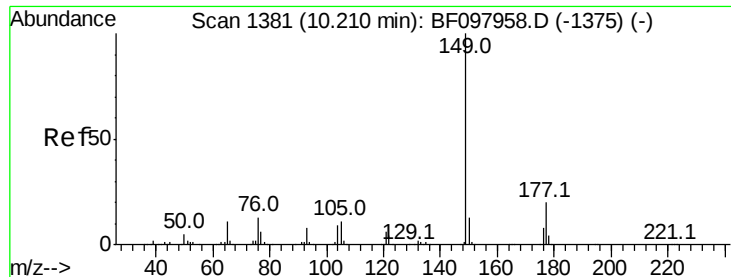
130 2.7 2.3 3.5

166 31.4 29.0 43.4



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

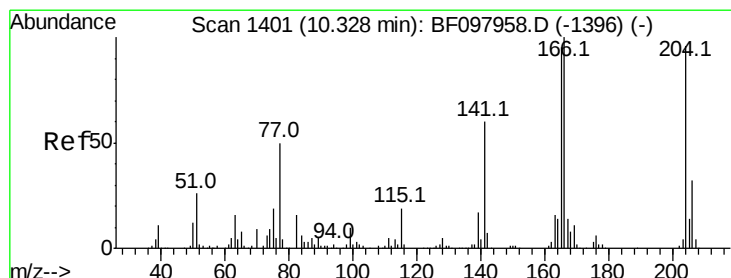
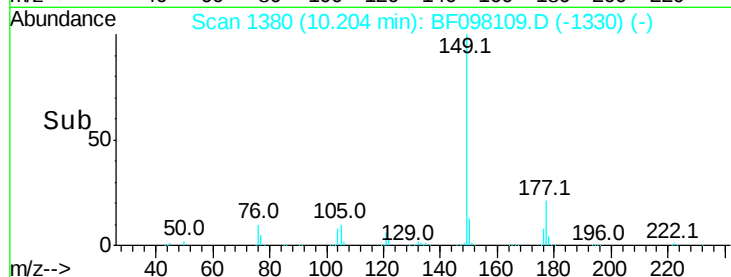
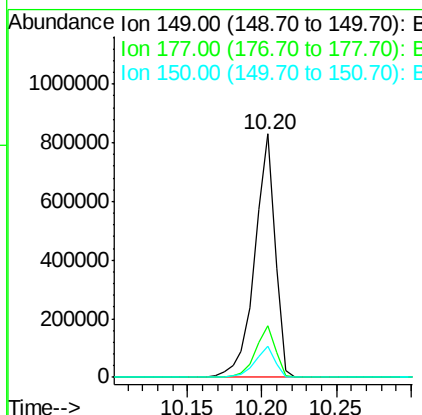
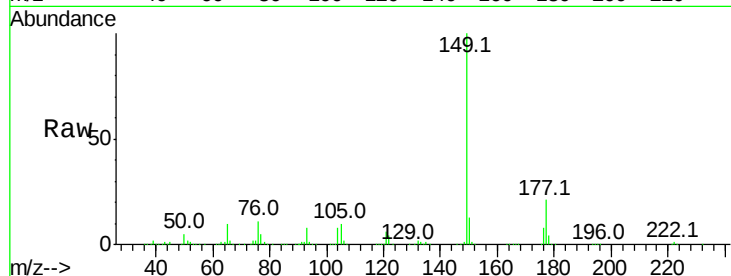




#59
Diethylphthalate
Concen: 44.814 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

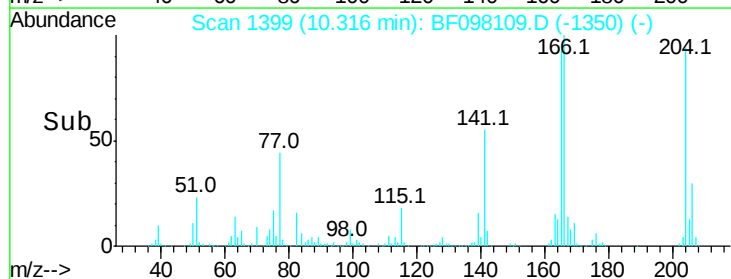
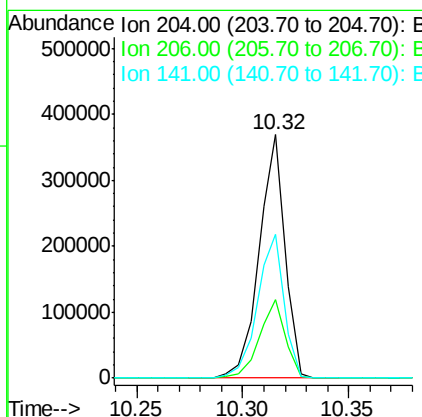
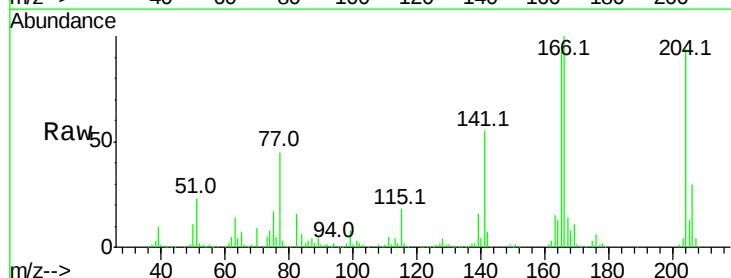
Instrument :
BNA_F
ClientSampled :

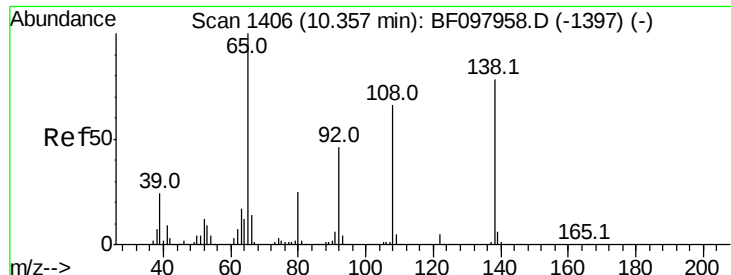
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.8	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.316 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	58.9	60.8	91.2#





#61

4-Nitroaniline

Concen: 47.298 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampled :

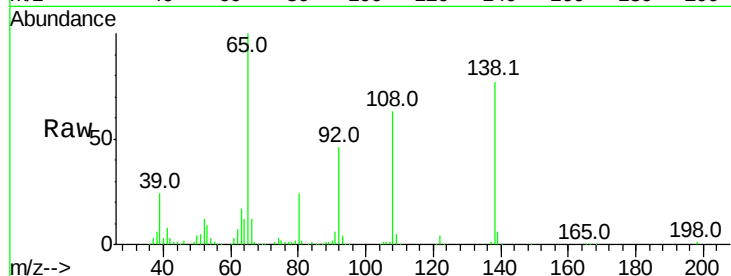
Tot Ion:138 Resp: 190514

Ion Ratio Lower Upper

138 100

92 59.5 21.8 61.8

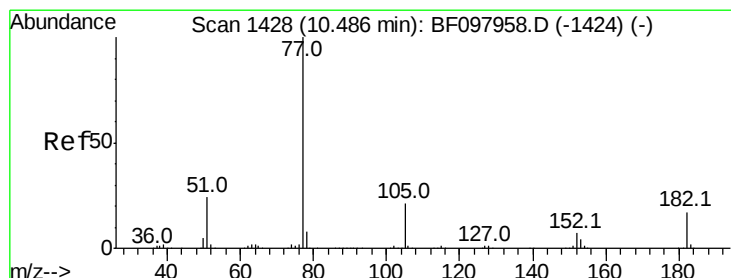
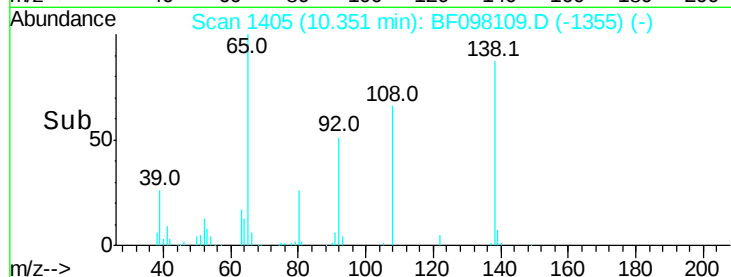
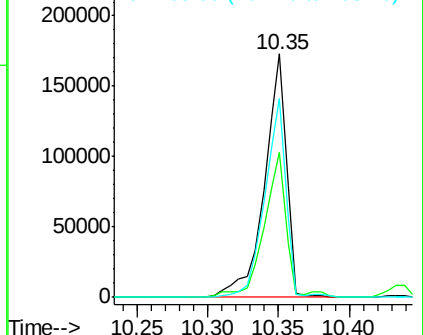
108 81.8 42.3 82.3



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: 44.714 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion: 77 Resp: 914012

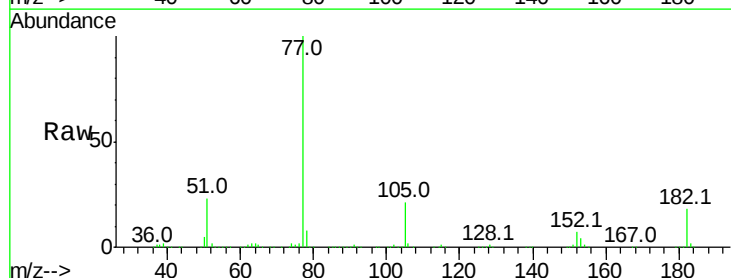
Ion Ratio Lower Upper

77 100

182 18.2 0.1 40.1

105 21.5 3.6 43.6

51 23.4 9.4 49.4

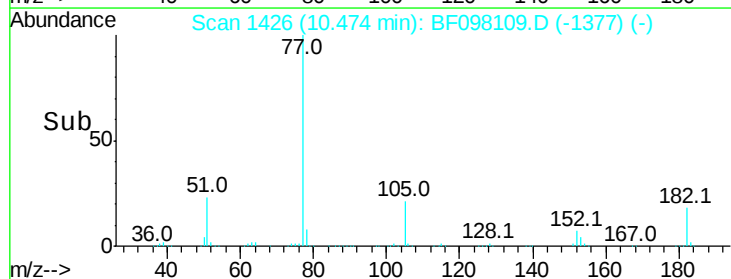
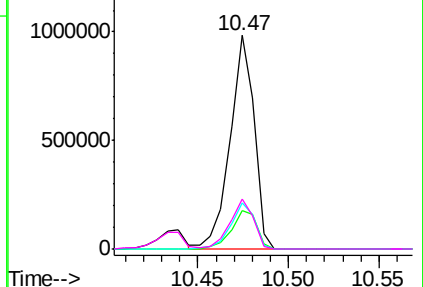


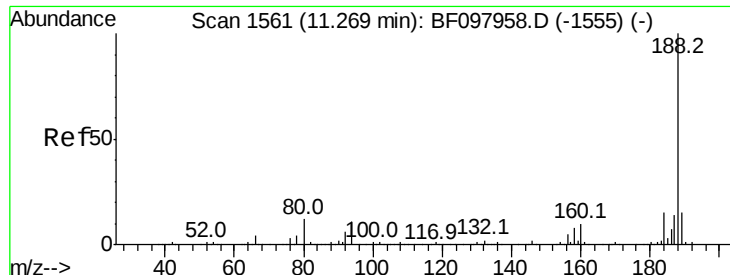
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

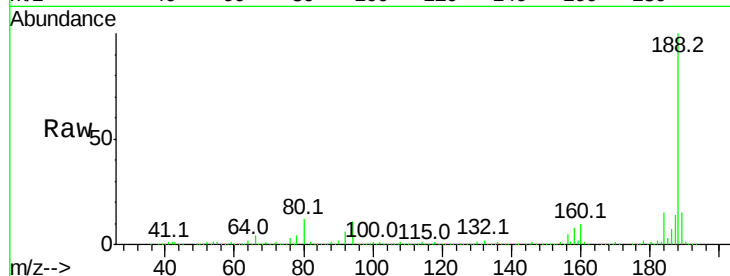
Tot Ion:188 Resp: 459086

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

80 11.6 10.2 15.2

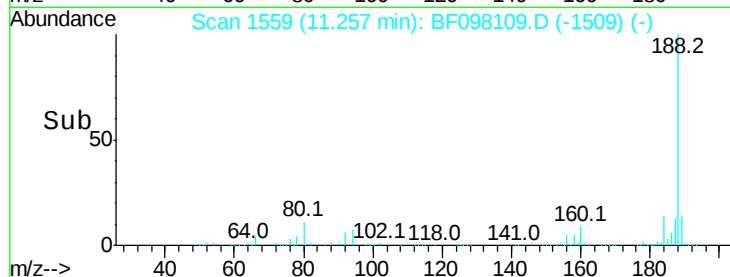


Abundance Ion 188.00 (187.70 to 188.70): E

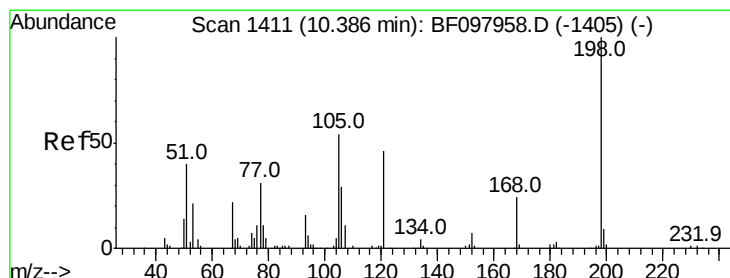
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.26



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 50.368 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

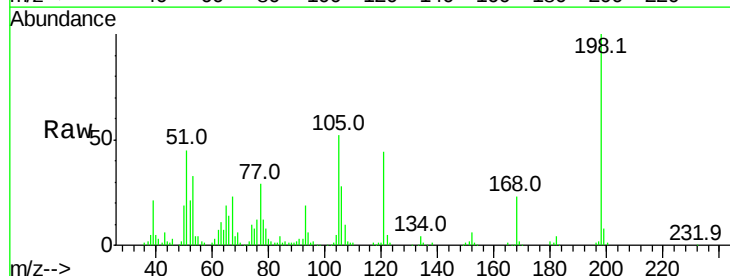
Tgt Ion:198 Resp: 110038

Ion Ratio Lower Upper

198 100

51 44.6 53.2 93.2#

105 52.3 45.8 85.8

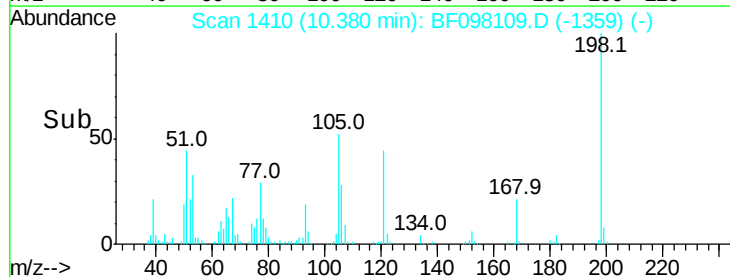


Abundance Ion 198.00 (197.70 to 198.70): E

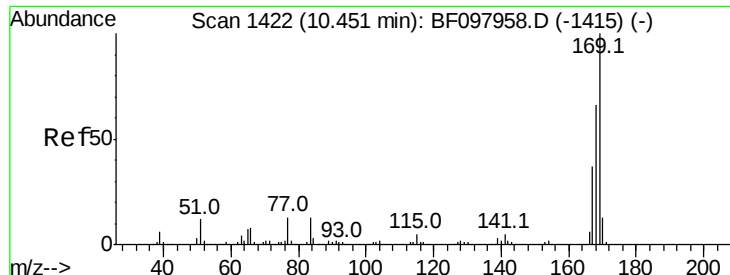
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.38



Time-->



#65

n-Nitrosodiphenylamine

Concen: 39.954 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

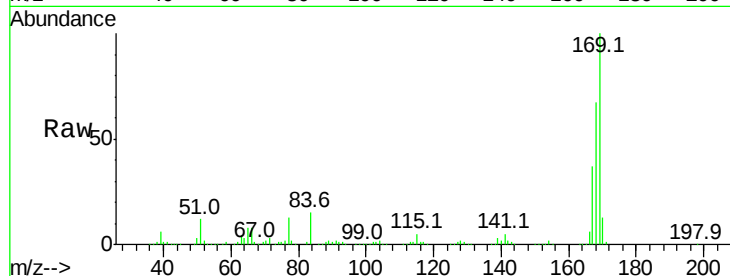
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 624607

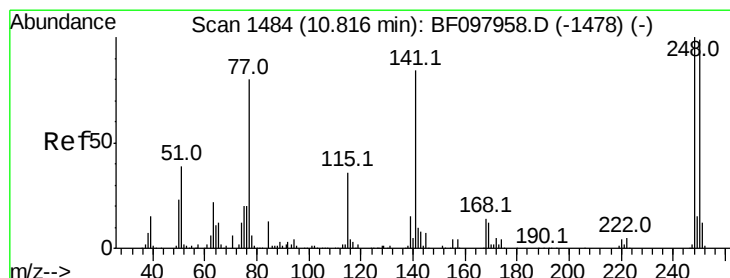
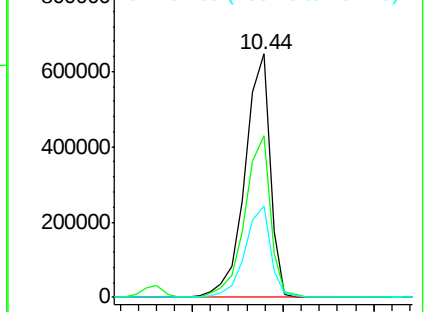
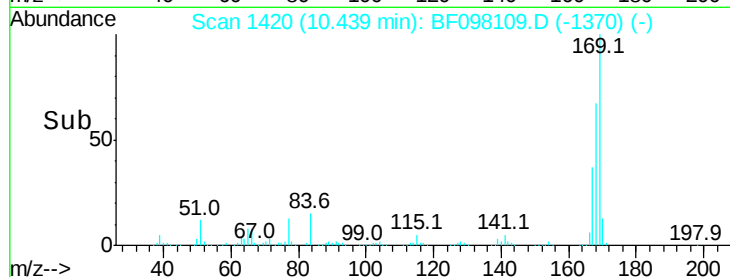
Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.2	79.8
167	37.4	29.5	44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.446 ng

RT: 10.80 min Scan# 1482

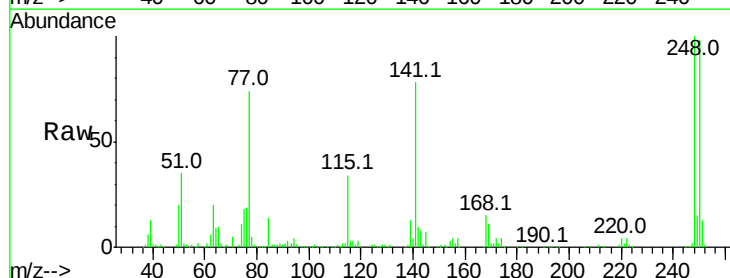
Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:248 Resp: 197586

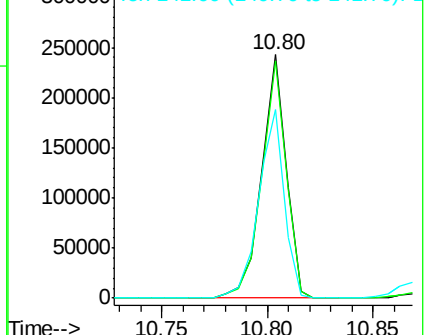
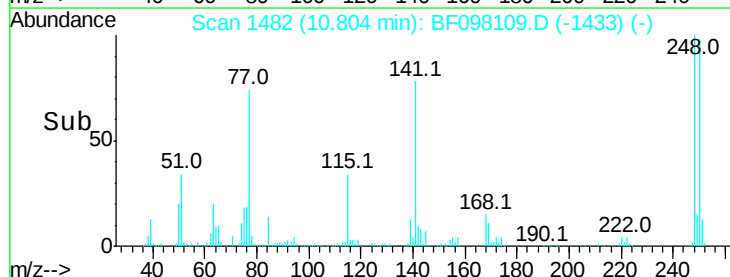
Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.8	115.2
141	77.7	68.6	103.0



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: 39.833 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

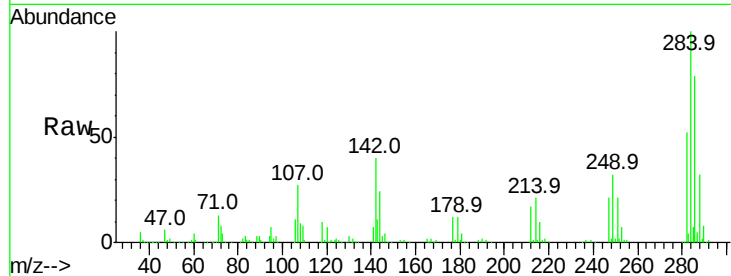
Tot Ion:284 Resp: 193552

Ion Ratio Lower Upper

284 100

142 39.6 22.8 34.2#

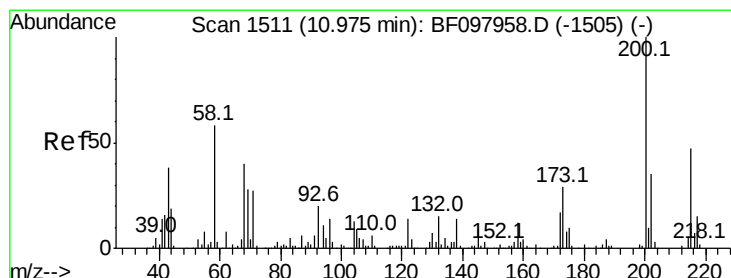
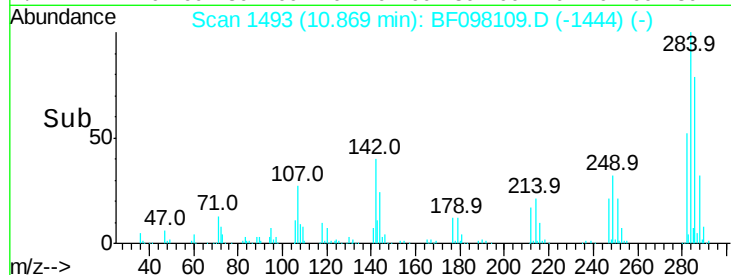
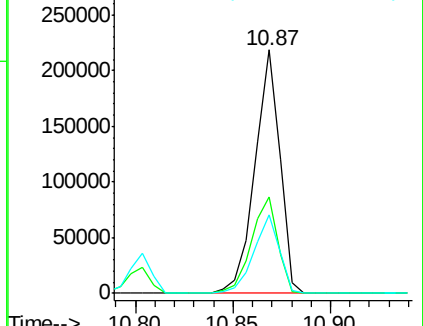
249 32.1 24.0 36.0



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: 47.158 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

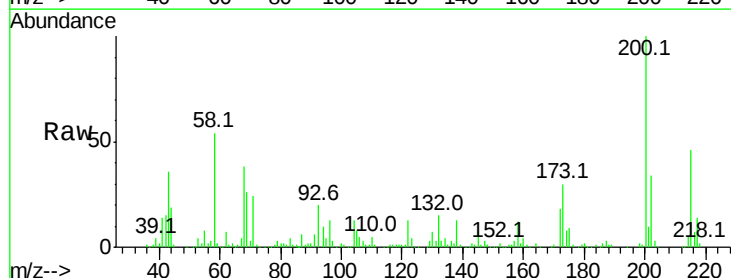
Tgt Ion:200 Resp: 195512

Ion Ratio Lower Upper

200 100

173 29.5 6.3 46.3

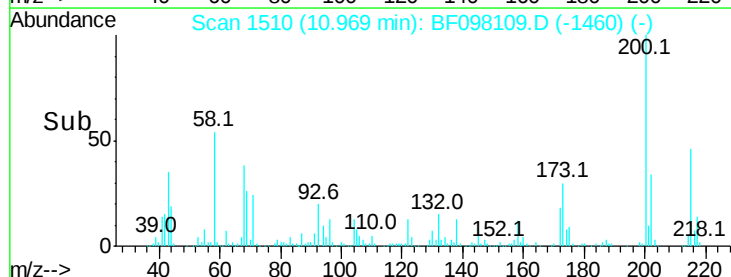
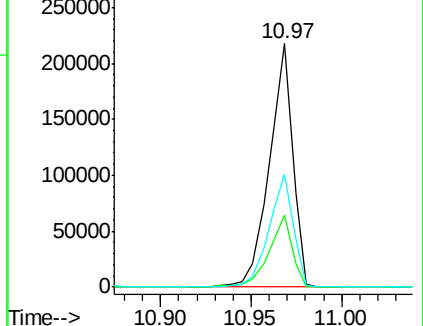
215 46.3 27.2 67.2

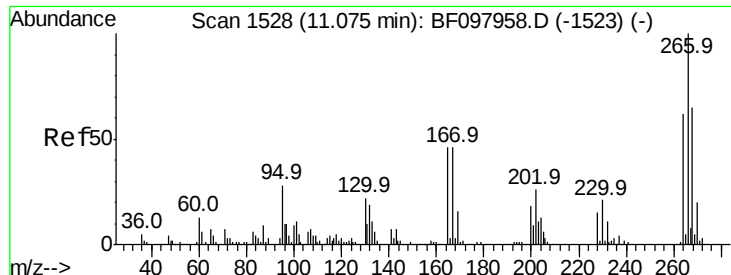


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

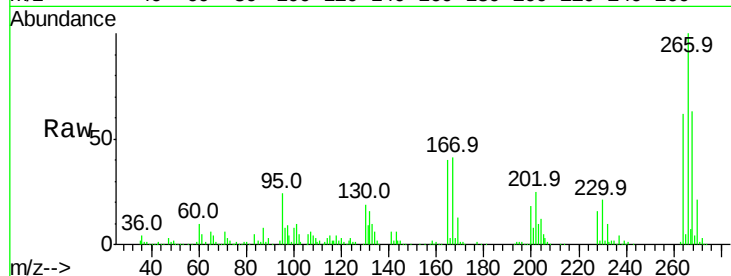




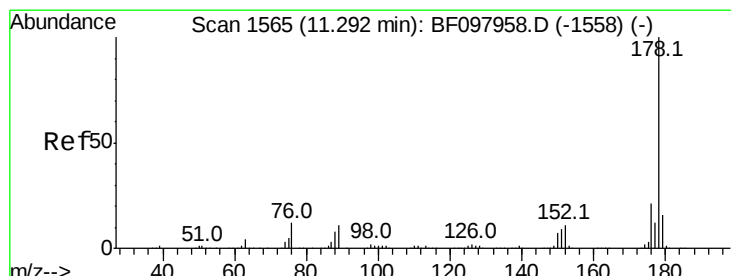
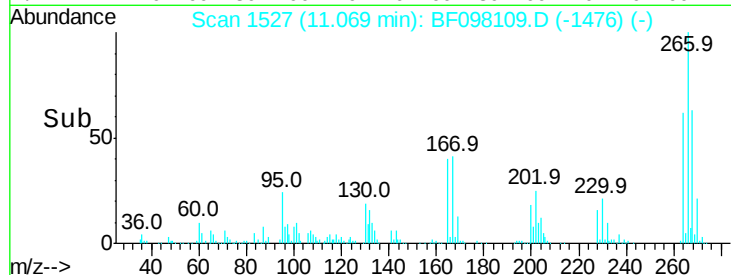
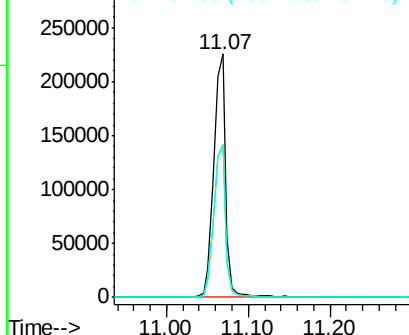
#69
 Pentachlorophenol
 Concen: 81.468 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 230812
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 62.3 51.7 77.5

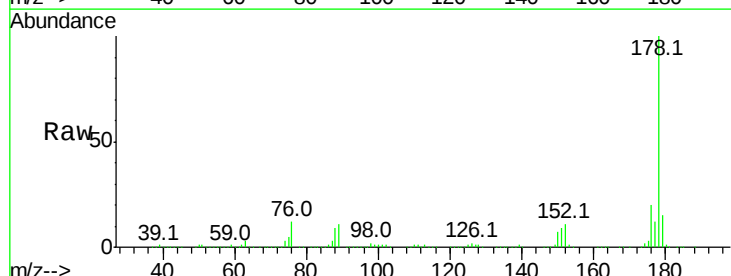


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

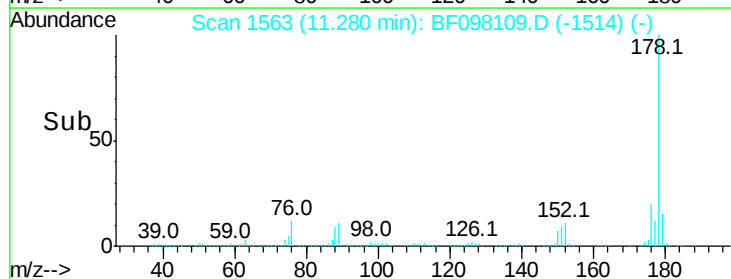
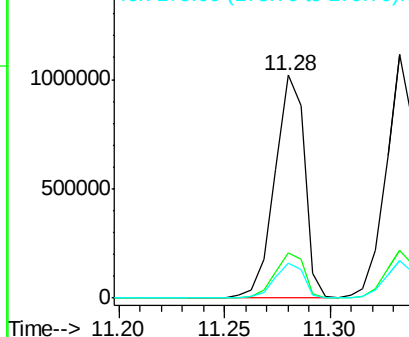


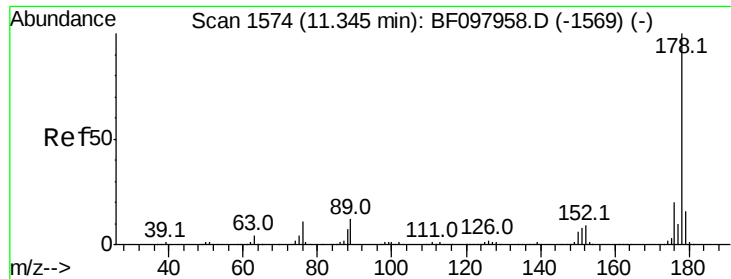
#70
 Phenanthrene
 Concen: 40.954 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion:178 Resp: 1001880
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 15.5 12.6 19.0



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

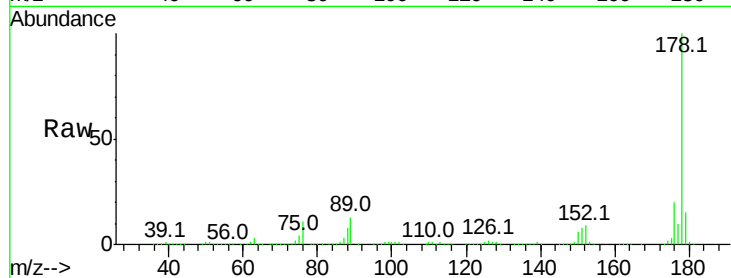




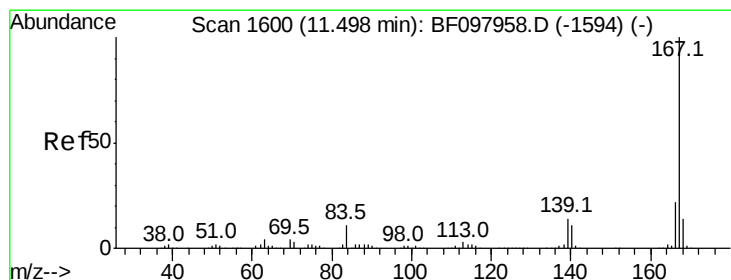
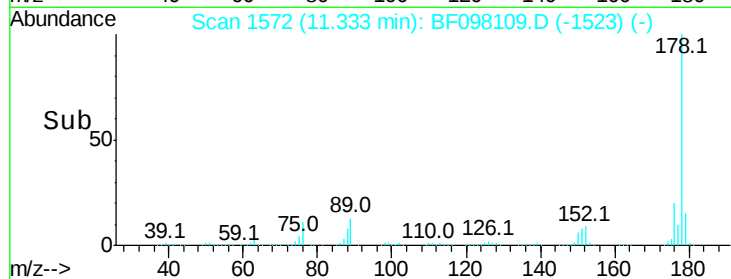
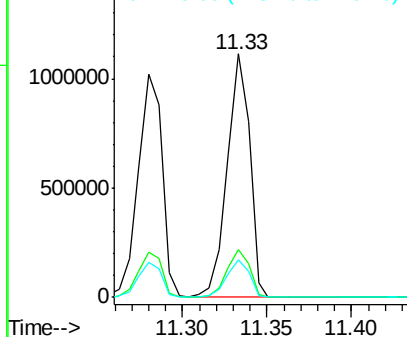
#71
 Anthracene
 Concen: 41.540 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1030714
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.4 12.7 19.1

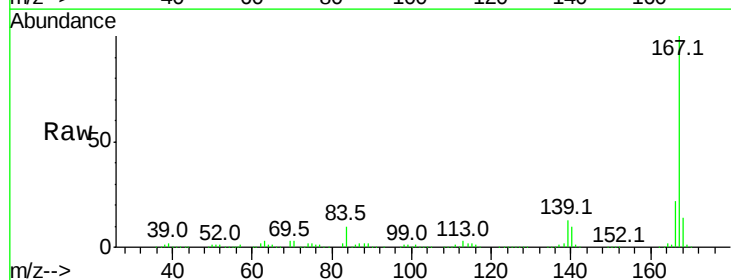


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

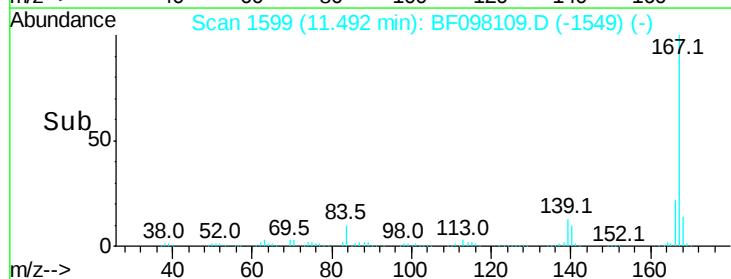
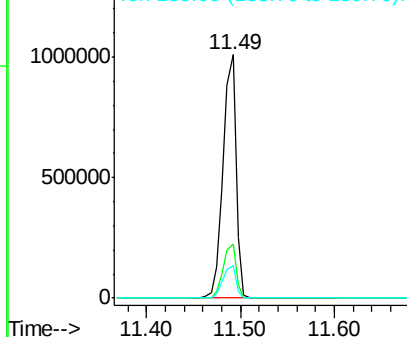


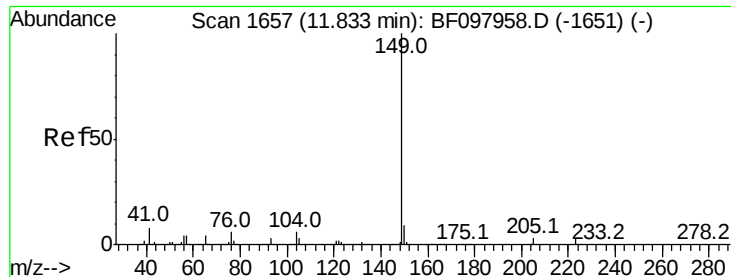
#72
 Carbazole
 Concen: 41.671 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion:167 Resp: 981454
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.4 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

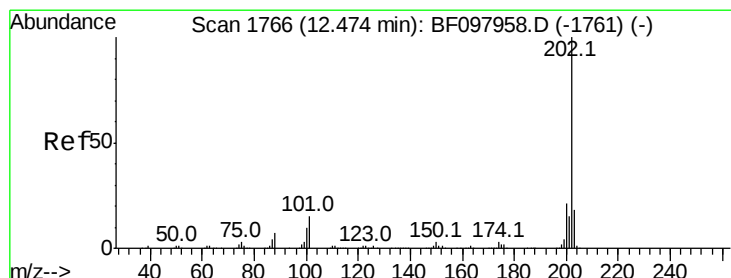
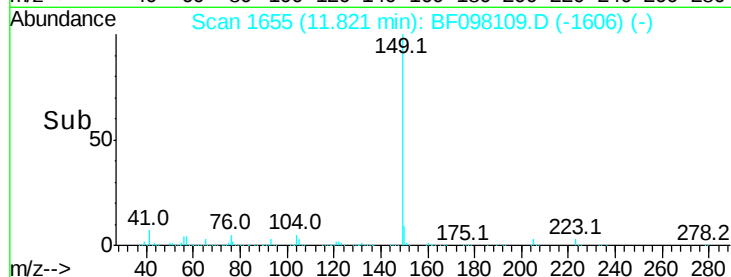
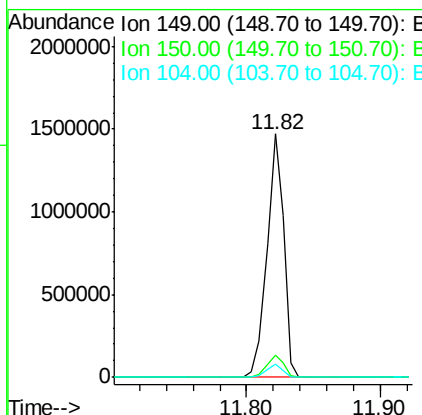
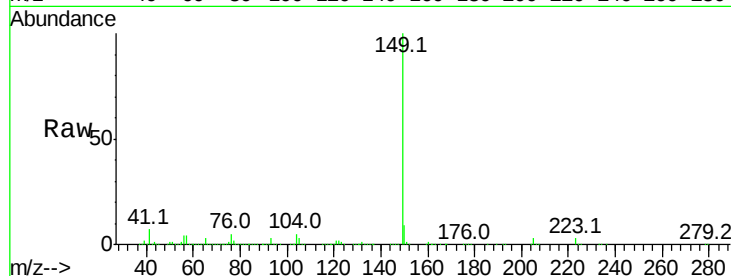




#73
Di-n-butylphthalate
Concen: 47.015 ng
RT: 11.82 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

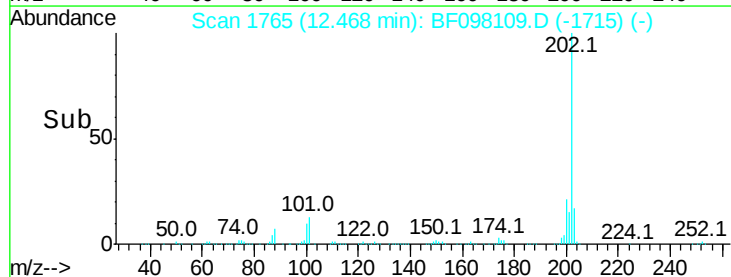
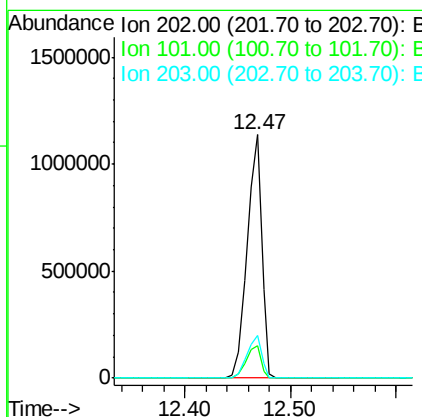
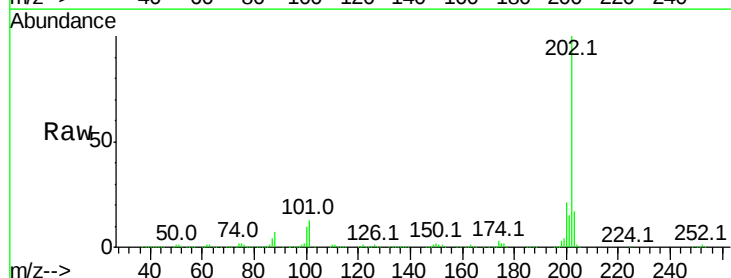
Instrument :
BNA_F
ClientSampleId :

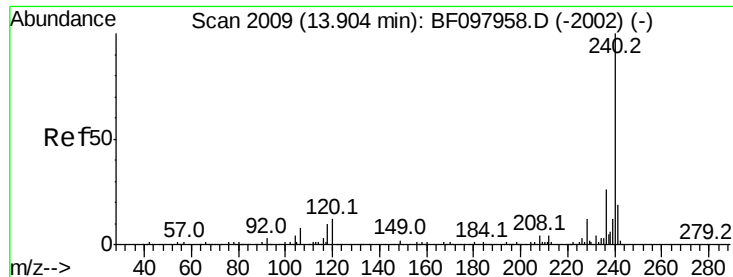
Tot Ion:149 Resp: 1275455
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.3 4.0 6.0



#74
Fluoranthene
Concen: 42.654 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion:202 Resp: 1089135
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampled :

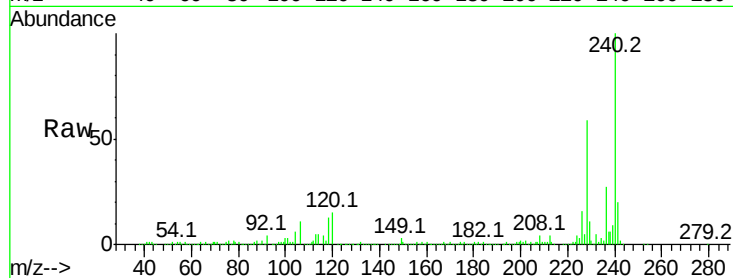
Tot Ion:240 Resp: 355141

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

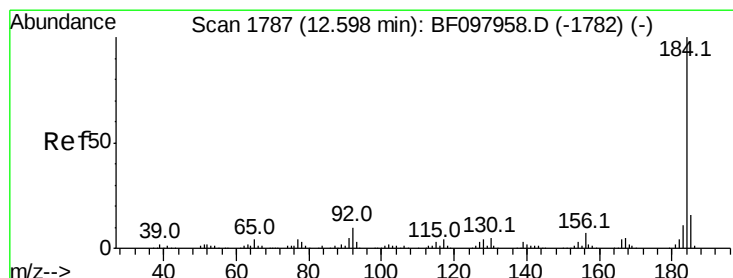
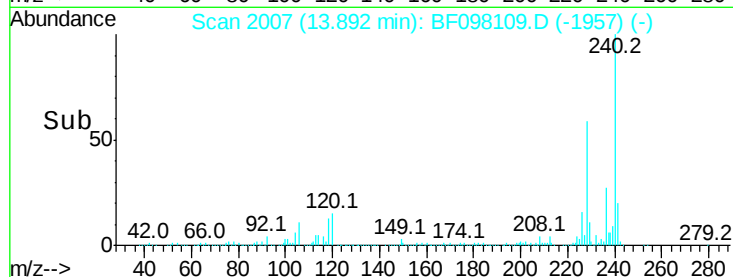
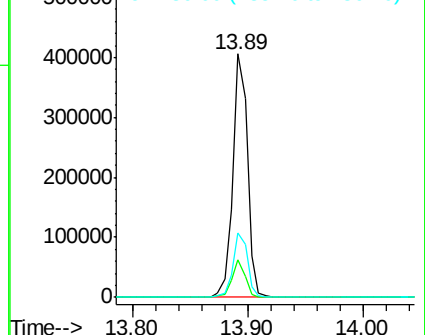
236 26.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.554 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

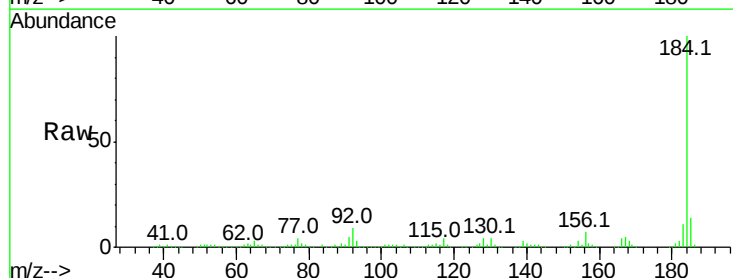
Tgt Ion:184 Resp: 483866

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

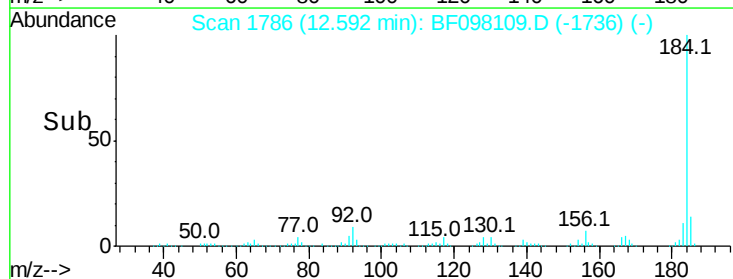
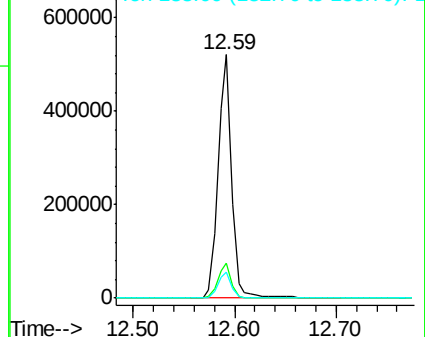
183 10.6 9.8 14.6

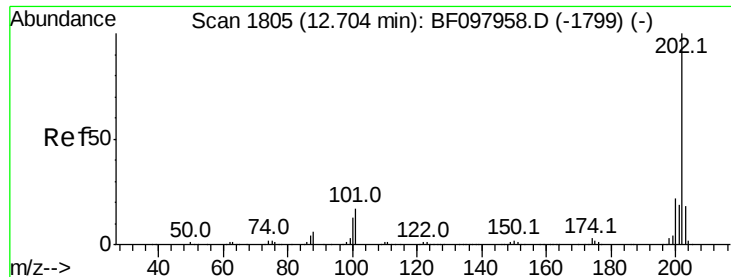


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

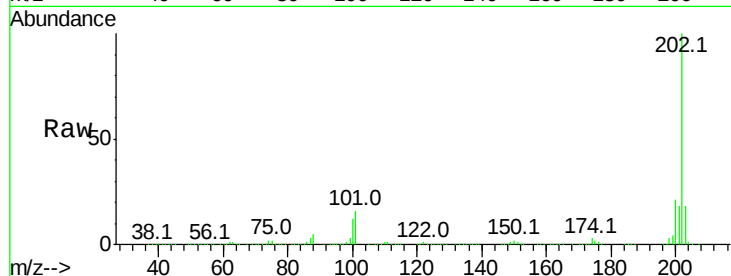




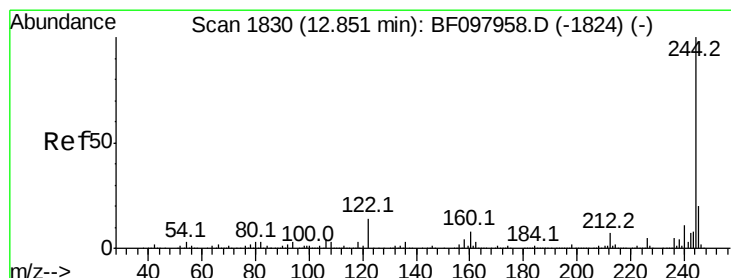
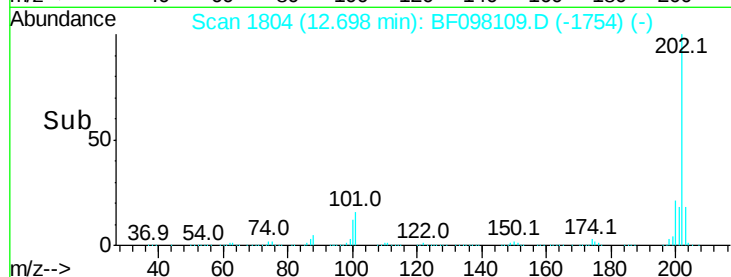
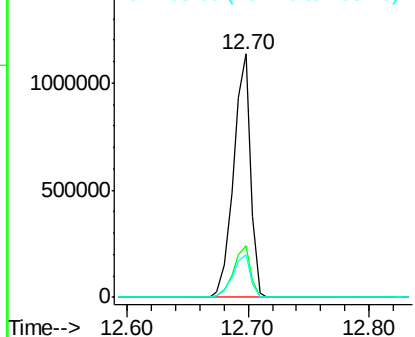
#77
Pvrene
Concen: 38.183 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1109084
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 17.7 14.4 21.6

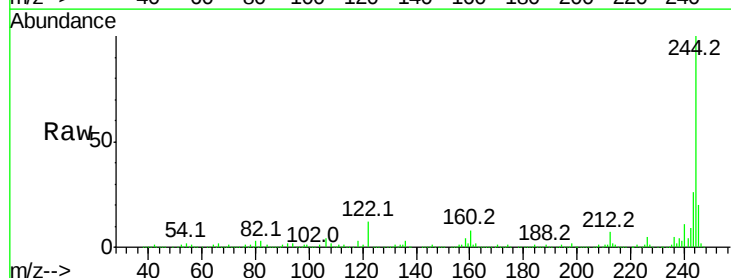


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

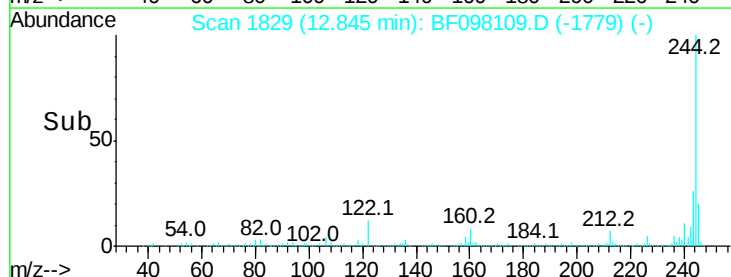
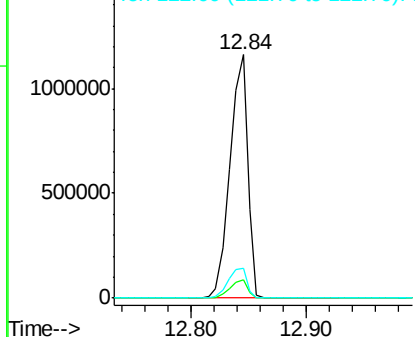


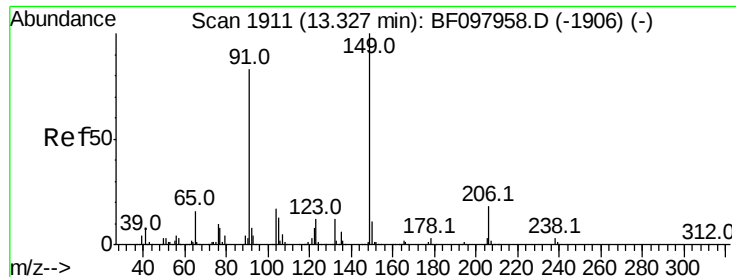
#78
Terphenyl-d14
Concen: 72.761 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion:244 Resp: 1239157
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 12.2 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

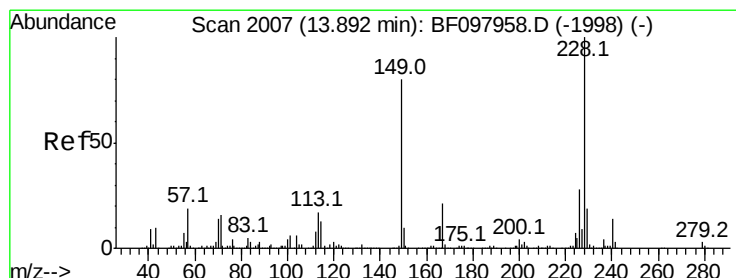
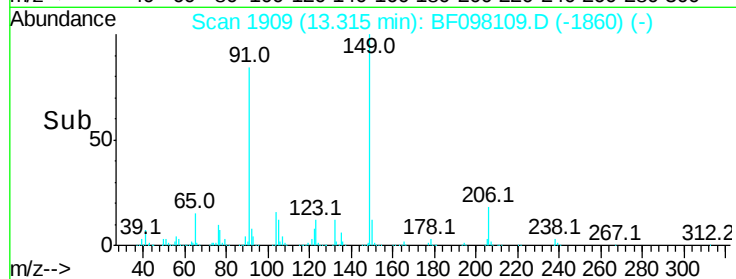
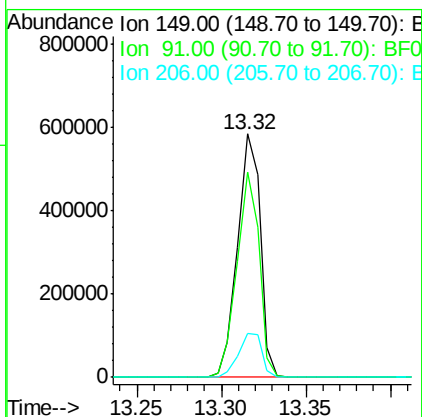
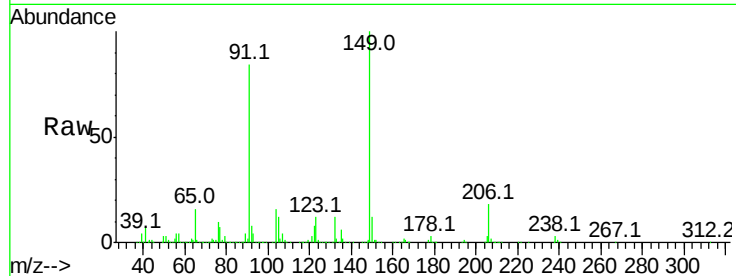




#79
Butylbenzylphthalate
Concen: 49.196 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

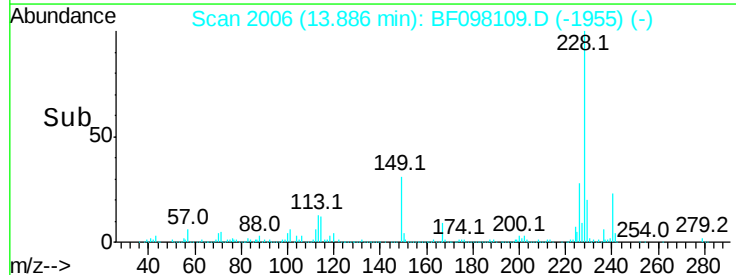
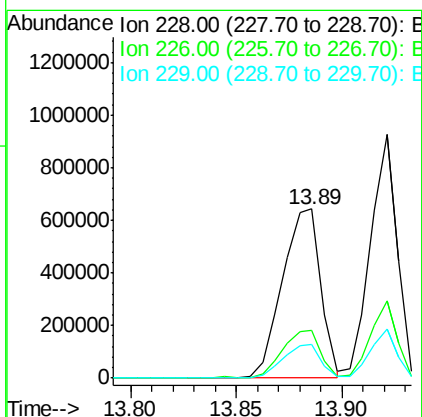
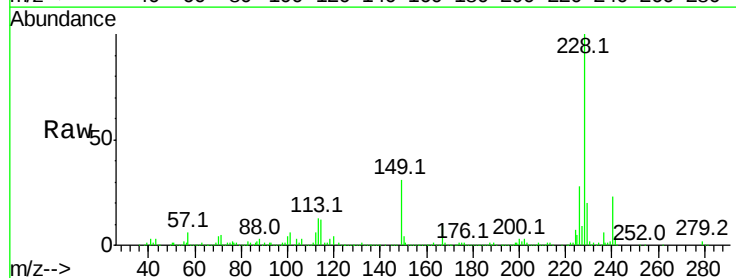
Instrument :
BNA_F
ClientSampleId :

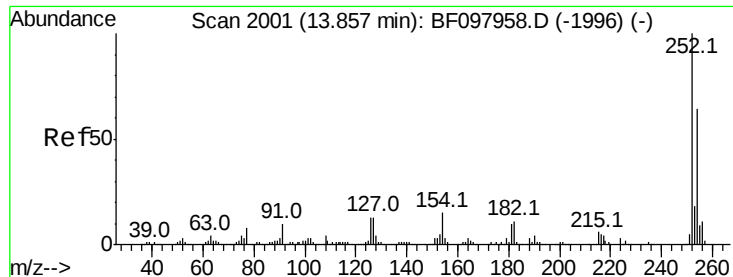
Tot Ion:149 Resp: 547871
Ion Ratio Lower Upper
149 100
91 84.5 45.0 67.4#
206 18.0 17.0 25.6



#80
Benzo(a)anthracene
Concen: 38.201 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion:228 Resp: 813110
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.7 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 31.831 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF098109.D

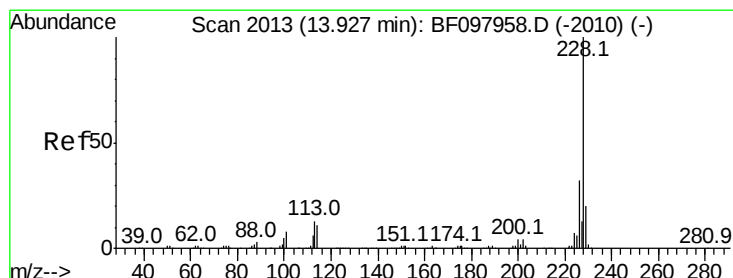
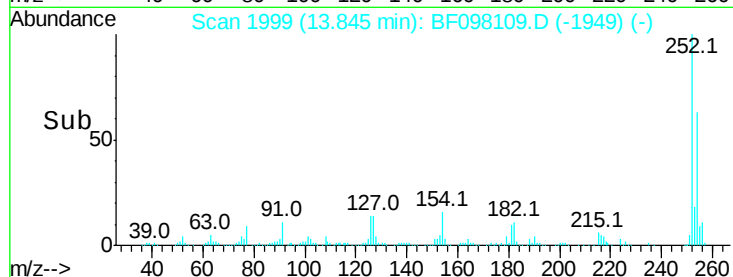
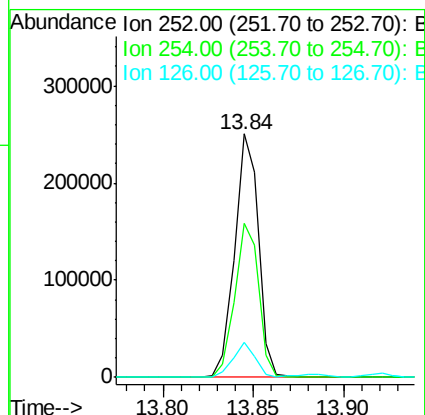
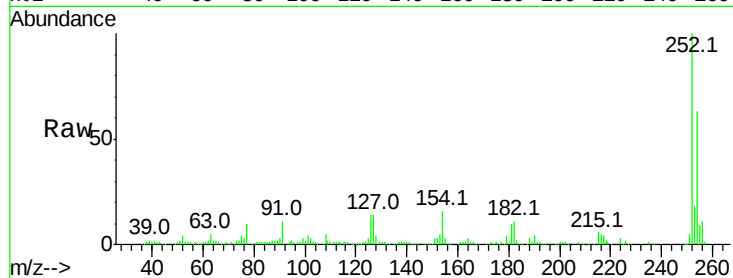
Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	228622
Ion Ratio	Lower	Upper	
252	100		
254	63.5	51.5	77.3
126	14.3	15.8	23.8#



#82

Chrysene

Concen: 38.889 ng

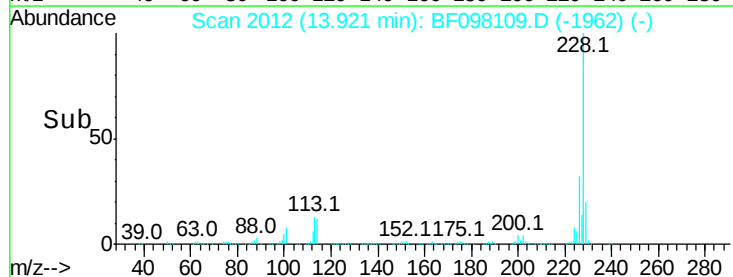
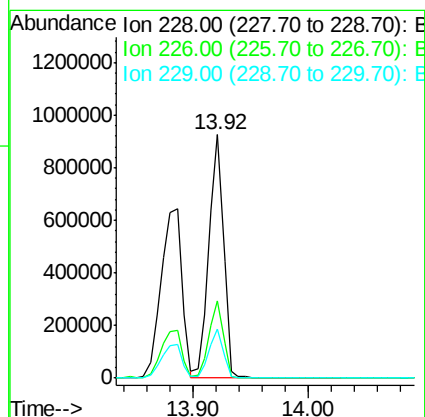
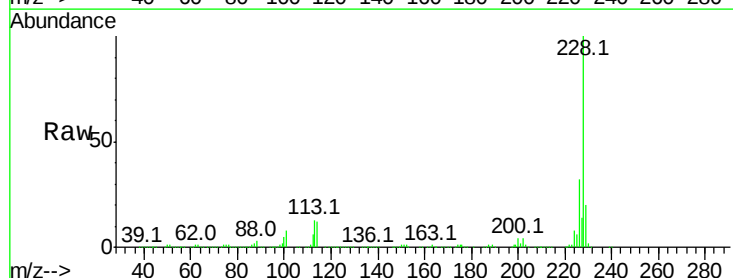
RT: 13.92 min Scan# 2012

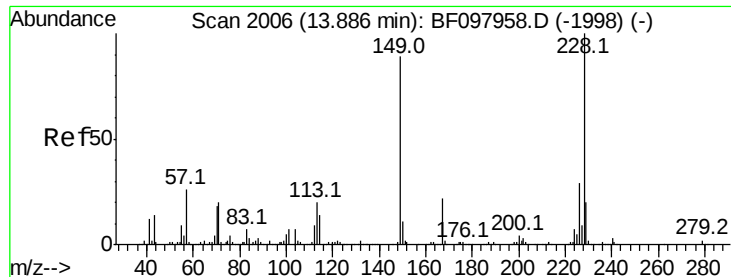
Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Tgt Ion:	228	Resp:	823429
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.9	37.3
229	20.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.324 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

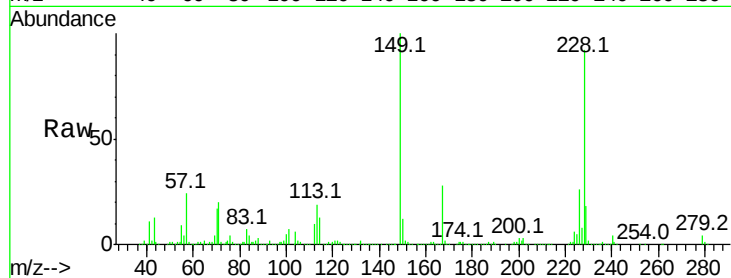
Tot Ion:149 Resp: 670389

Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.4

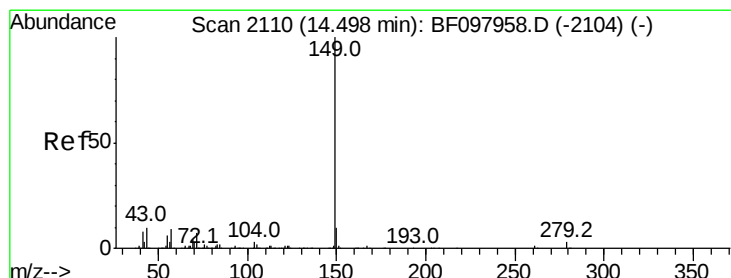
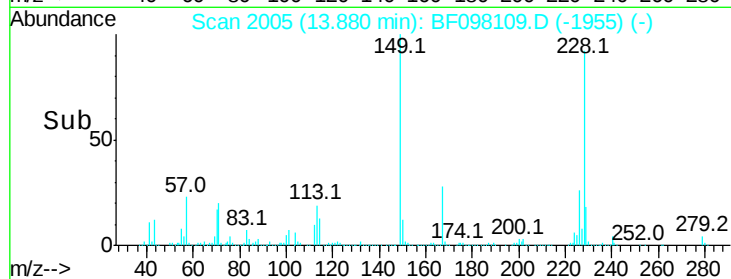
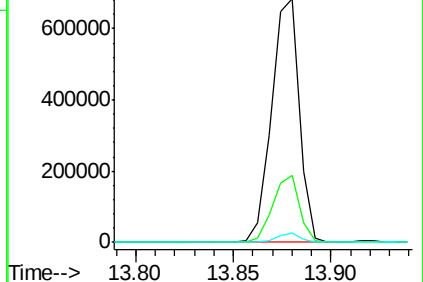
279 3.7 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 56.731 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

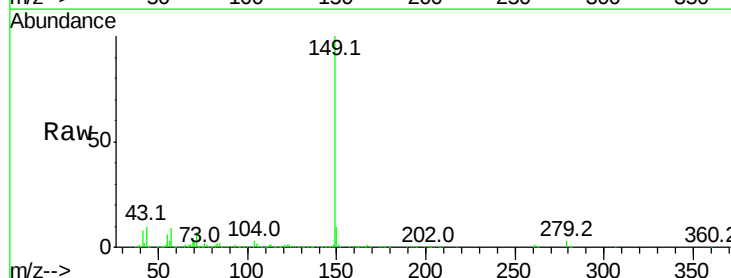
Tgt Ion:149 Resp: 1218132

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

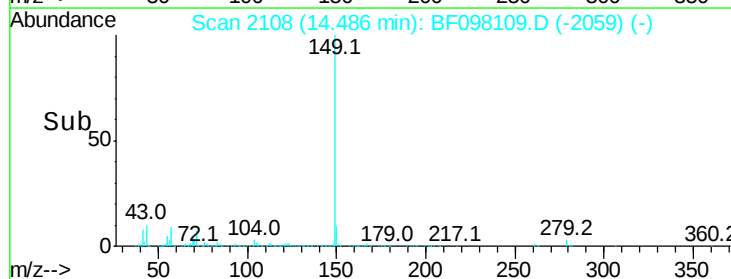
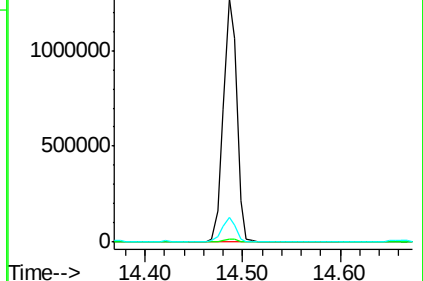
43 9.6 8.5 12.7

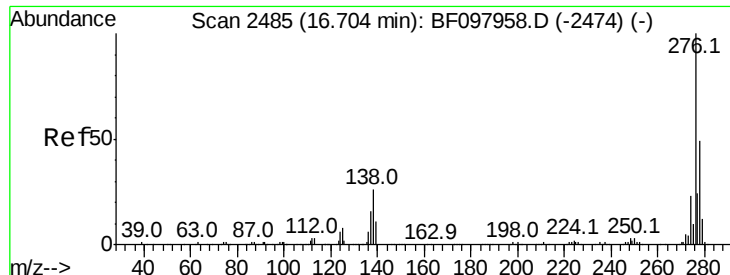


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

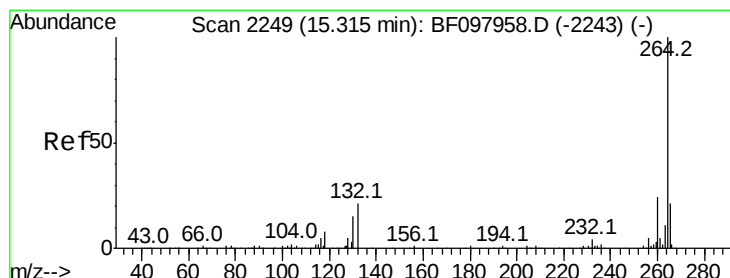
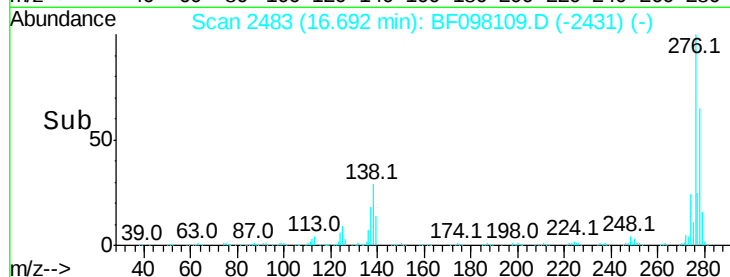
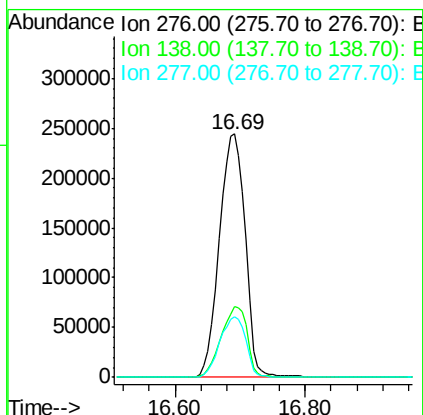
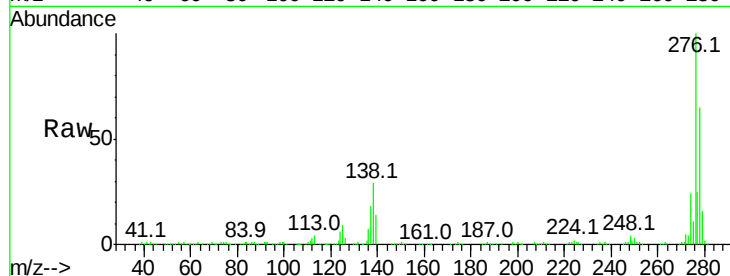




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.176 ng
 RT: 16.69 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

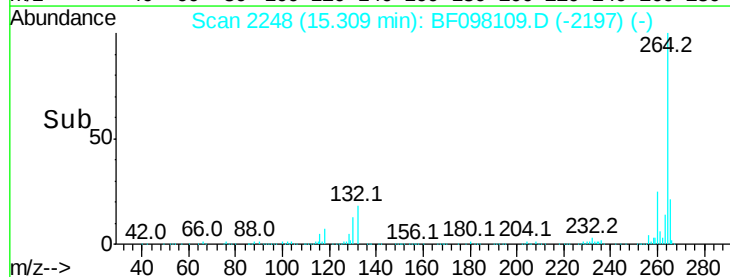
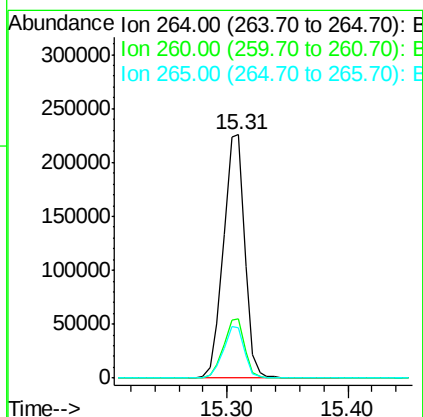
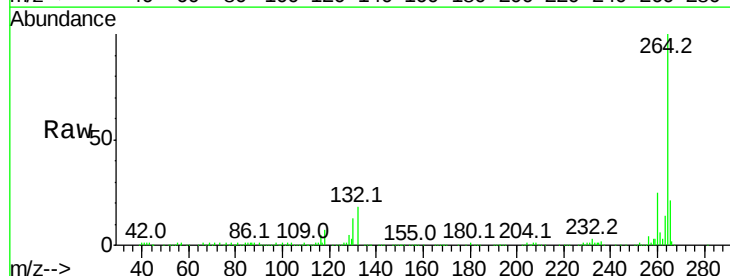
Instrument :
 BNA_F
 ClientSampleId :

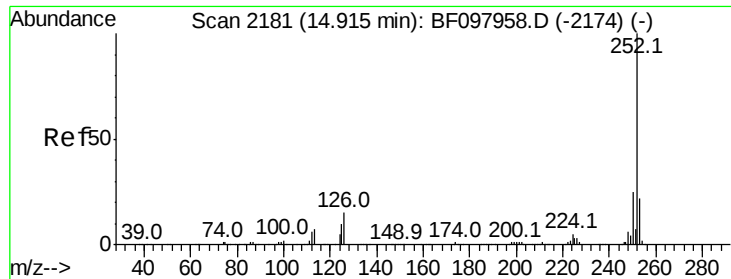
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.8	17.2	25.8

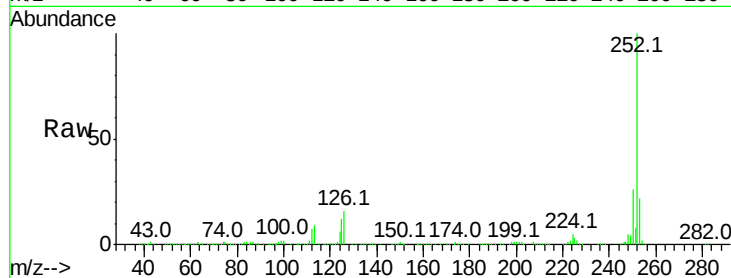




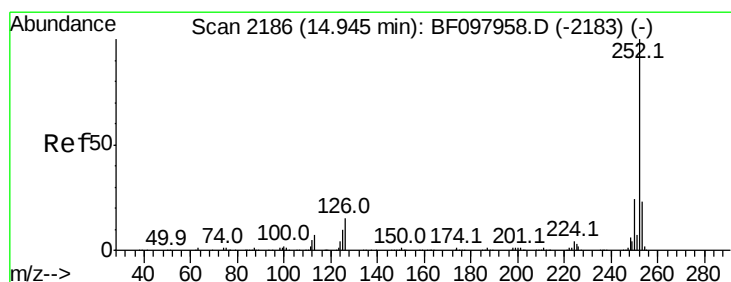
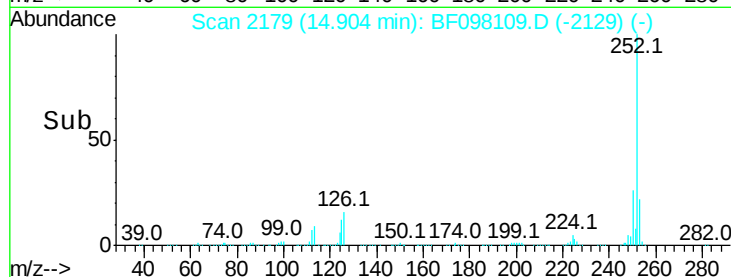
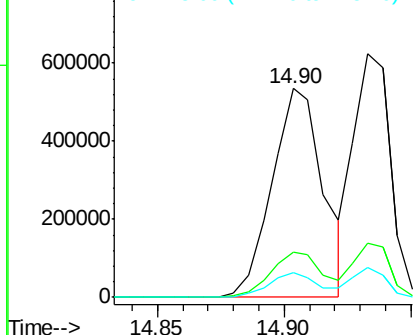
#87
Benzo(b)fluoranthene
Concen: 43.237 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 753128
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 12.1 9.8 14.8

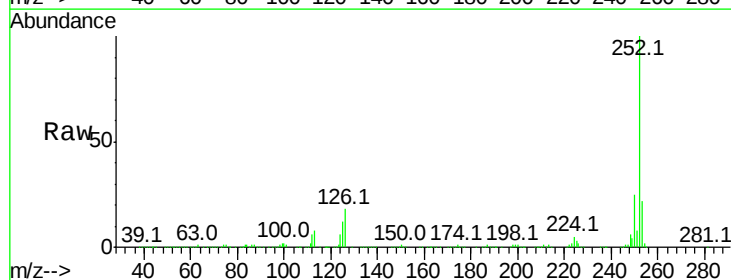


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

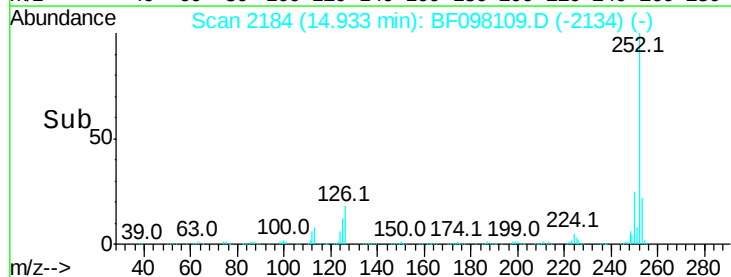
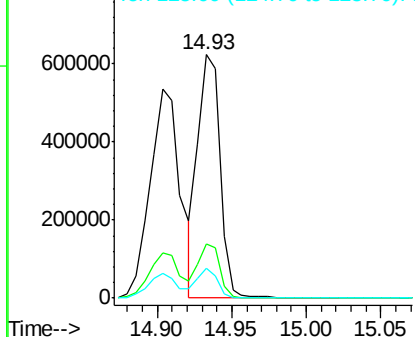


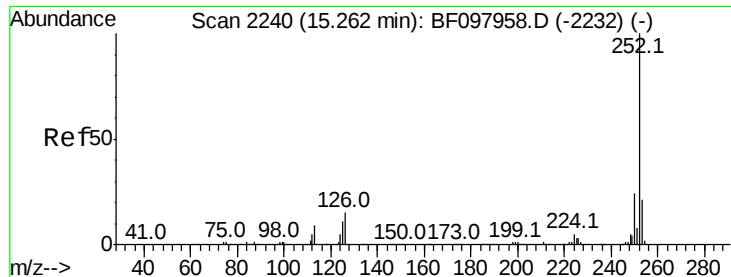
#88
Benzo(k)fluoranthene
Concen: 38.940 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BF098109.D
Acq: 29 Aug 2017 14:27

Tgt Ion:252 Resp: 637240
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 12.5 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: 43.035 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

Instrument :

BNA_F

ClientSampleId :

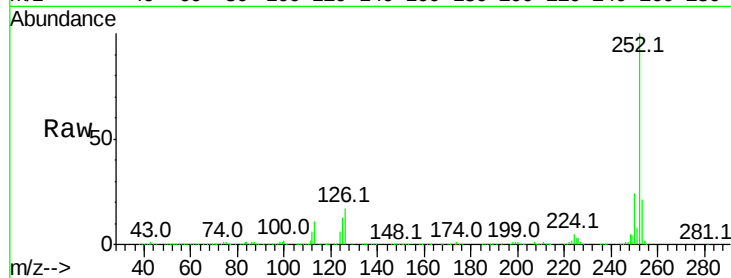
Tot Ion:252 Resp: 663600

Ion Ratio Lower Upper

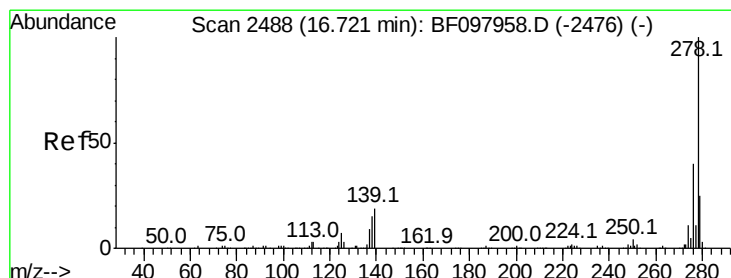
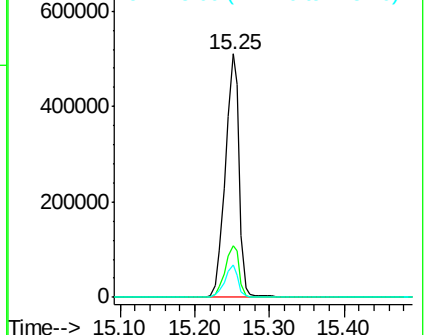
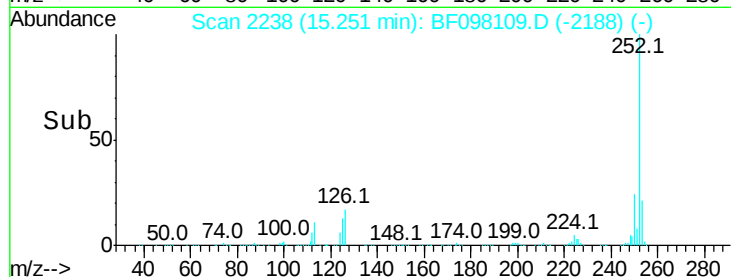
252 100

253 21.3 17.5 26.3

125 13.2 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: 44.118 ng

RT: 16.70 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BF098109.D

Acq: 29 Aug 2017 14:27

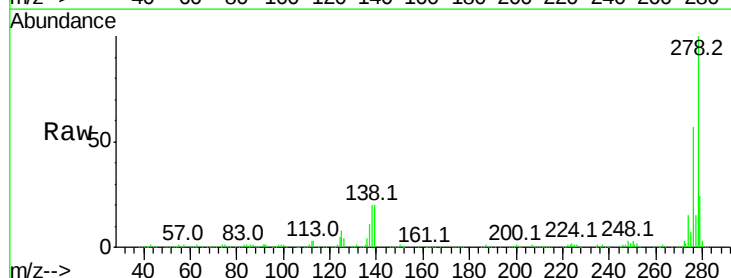
Tgt Ion:278 Resp: 553845

Ion Ratio Lower Upper

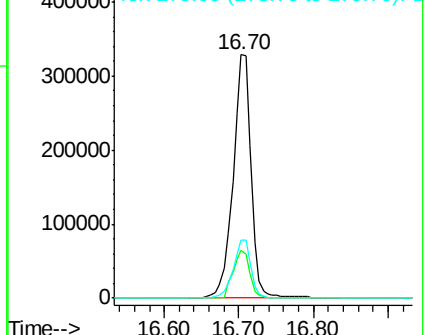
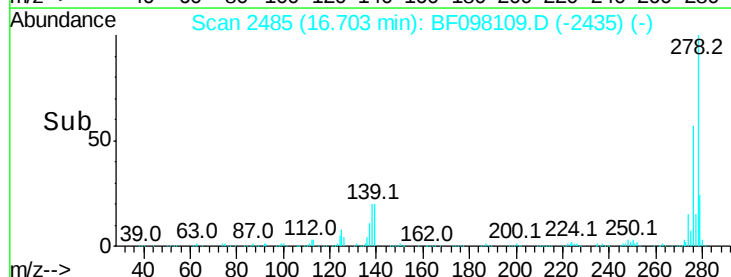
278 100

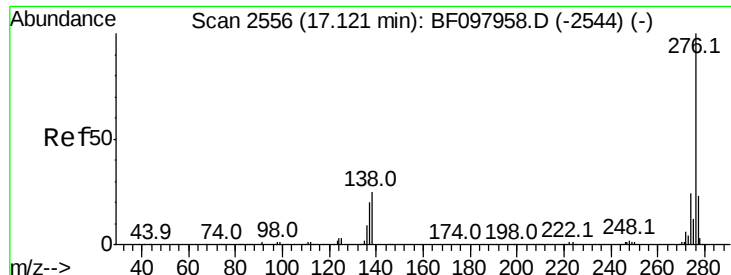
139 19.7 16.6 24.8

279 23.7 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

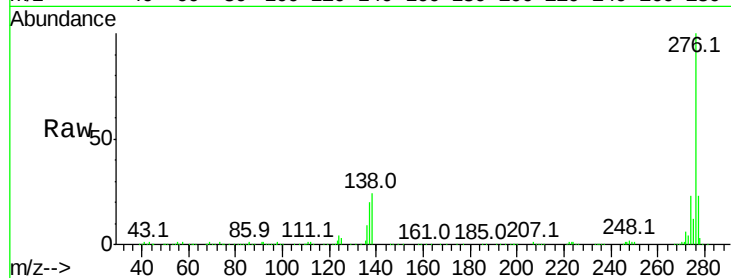




#91
 Benzo(a,h,i)perylene
 Concen: 43.967 ng
 RT: 17.11 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BF098109.D
 Acq: 29 Aug 2017 14:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.6	28.0
138	24.1	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

