

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099304.D
 Acq On : 10 Oct 2017 17:01
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 18:38:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	102473	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	428295	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	196701	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	352371	20.00	ng	0.00
75) Chrysene-d12	14.03	240	250880	20.00	ng	0.00
86) Perylene-d12	15.50	264	193773	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	544958	84.66	ng	0.00
7) Phenol-d6	6.50	99	658491	82.92	ng	0.00
23) Nitrobenzene-d5	7.43	82	537970	80.55	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	144519	89.79	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1013485	86.02	ng	0.00
78) Terphenyl-d14	12.97	244	968289	87.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	120107	39.060	ng	93
3) Pyridine	3.43	79	327252	39.341	ng	90
4) n-Nitrosodimethylamine	3.39	42	118723	33.657	ng	81
6) Aniline	6.53	93	427852	39.921	ng	97
8) 2-Chlorophenol	6.65	128	308118	42.267	ng	95
9) Benzaldehyde	6.42	77	163211	35.432	ng	89
10) Phenol	6.52	94	388171	43.708	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	274063	39.695	ng	95
12) 1,3-Dichlorobenzene	6.80	146	326787	42.804	ng	97
13) 1,4-Dichlorobenzene	6.88	146	327975	42.224	ng	99
14) 1,2-Dichlorobenzene	7.04	146	306985	42.772	ng	97
15) Benzyl Alcohol	7.01	79	221060	37.947	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	382733	35.581	ng	94
17) 2-Methylphenol	7.12	107	241888	40.553	ng	98
18) Hexachloroethane	7.37	117	113068	40.497	ng	100
19) n-Nitroso-di-n-propylamine	7.28	70	182247	35.946	ng	94
20) 3+4-Methylphenols	7.27	107	294502	39.029	ng	# 72
22) Acetophenone	7.28	105	398126	38.367	ng	# 95
24) Nitrobenzene	7.45	77	295139	38.957	ng	96
25) Isophorone	7.69	82	525792	38.079	ng	98
26) 2-Nitrophenol	7.76	139	168963	46.379	ng	92
27) 2,4-Dimethylphenol	7.80	122	257625	37.445	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	340114	39.526	ng	99
29) 2,4-Dichlorophenol	8.00	162	251785	42.625	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	249349	42.206	ng	99
31) Naphthalene	8.17	128	833891	41.455	ng	99
32) Benzoic acid	7.93	122	132805	23.499	ng	95
33) 4-Chloroaniline	8.22	127	348163	41.447	ng	95
34) Hexachlorobutadiene	8.28	225	129134	42.436	ng	97
35) Caprolactam	8.60	113	77249	40.769	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	268607	40.456	ng	96
37) 2-Methylnaphthalene	8.86	142	546139	41.764	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	254927	43.457	ng	99
40) Hexachlorocyclopentadiene	9.01	237	119480	44.568	ng	98

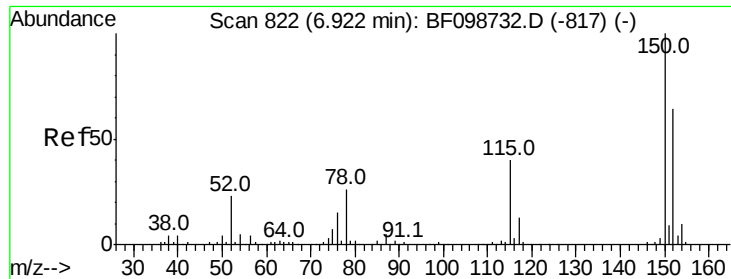
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099304.D
 Acq On : 10 Oct 2017 17:01
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 18:38:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	169928	40.890	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	173659	41.860	nq	95
45) 1,1'-Biphenyl	9.32	154	710311	42.017	nq	99
46) 2-Chloronaphthalene	9.35	162	528974	41.675	nq	98
47) 2-Nitroaniline	9.45	65	150540	38.734	nq	89
48) Acenaphthylene	9.77	152	806617	41.513	nq	99
49) Dimethylphthalate	9.63	163	619036	41.697	nq	99
50) 2,6-Dinitrotoluene	9.69	165	141653	43.828	nq #	84
51) Acenaphthene	9.94	154	472666	38.402	nq	99
52) 3-Nitroaniline	9.86	138	161082	42.743	nq	93
53) 2,4-Dinitrophenol	9.97	184	48939	32.793	nq #	81
54) Dibenzofuran	10.11	168	672230	41.019	nq	99
55) 4-Nitrophenol	10.02	139	109364	34.320	nq	87
56) 2,4-Dinitrotoluene	10.10	165	182322	43.466	nq	88
57) Fluorene	10.45	166	553400	42.013	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	115978	40.470	nq	97
59) Diethylphthalate	10.32	149	585073	40.332	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	252441	42.664	nq	98
61) 4-Nitroaniline	10.48	138	164066	45.125	nq	85
62) Azobenzene	10.60	77	491776	36.869	nq	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	90758	42.333	nq #	75
65) n-Nitrosodiphenylamine	10.56	169	503331	41.232	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	145401	42.156	nq #	88
67) Hexachlorobenzene	11.00	284	158813	43.111	nq	97
68) Atrazine	11.09	200	156272	42.549	nq	99
69) Pentachlorophenol	11.20	266	89301	38.951	nq	100
70) Phenanthrene	11.42	178	781548	41.436	nq	98
71) Anthracene	11.47	178	796573	41.276	nq	99
72) Carbazole	11.62	167	781983	41.377	nq	100
73) Di-n-butylphthalate	11.94	149	915268	40.235	nq	99
74) Fluoranthene	12.60	202	800747	41.925	nq	99
76) Benzidine	12.72	184	381808	41.147	nq	99
77) Pyrene	12.83	202	817932	42.755	nq	100
79) Butylbenzylphthalate	13.44	149	383213	42.622	nq	95
80) Benzo(a)anthracene	14.02	228	635467	41.831	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	229021	41.124	nq	99
82) Chrysene	14.06	228	607498	42.004	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	499543	40.351	nq #	98
84) Di-n-octyl phthalate	14.60	149	789448	39.602	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	460039	39.763	nq	97
87) Benzo(b)fluoranthene	15.07	252	495553	41.594	nq	98
88) Benzo(k)fluoranthene	15.10	252	510733	43.402	nq	100
89) Benzo(a)pyrene	15.44	252	464801	42.501	nq #	97
90) Dibenzo(a,h)anthracene	17.01	278	376722	43.043	nq	97
91) Benzo(g,h,i)perylene	17.45	276	385183	44.523	nq	95

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

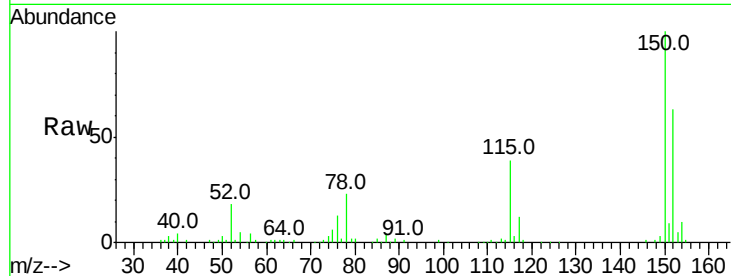


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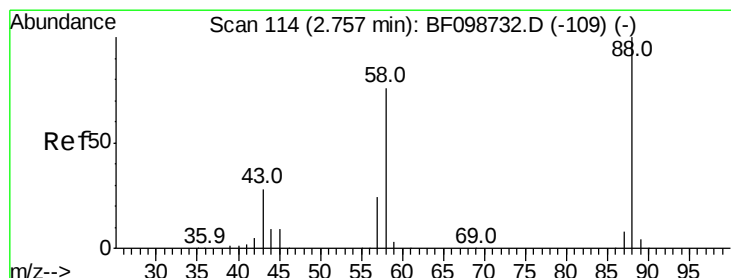
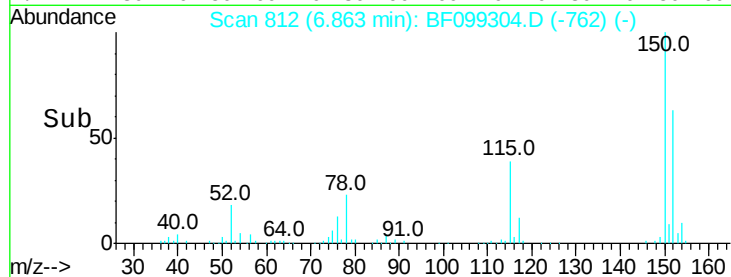
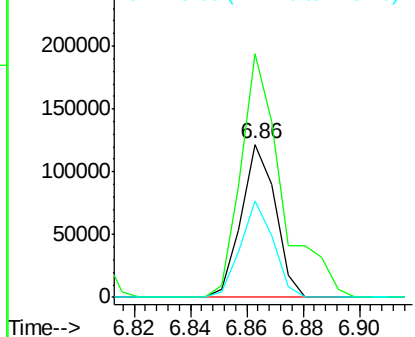
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 102473
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 62.8 50.1 75.1



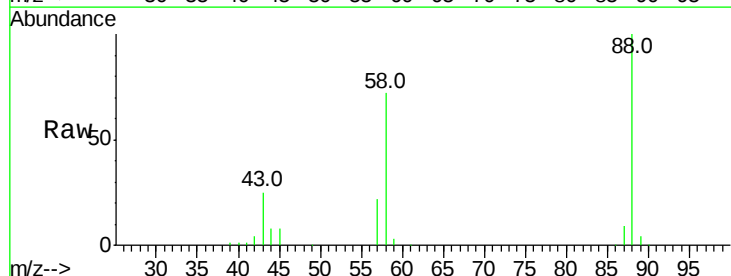
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



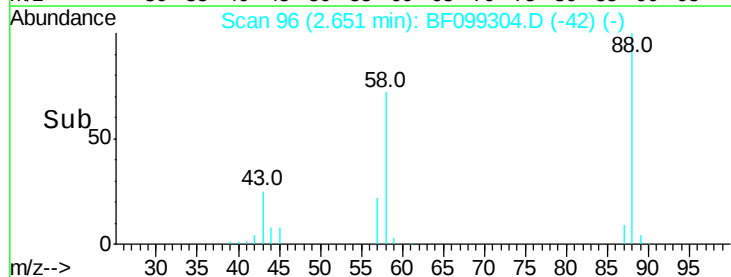
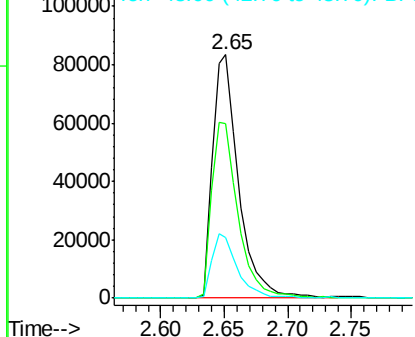
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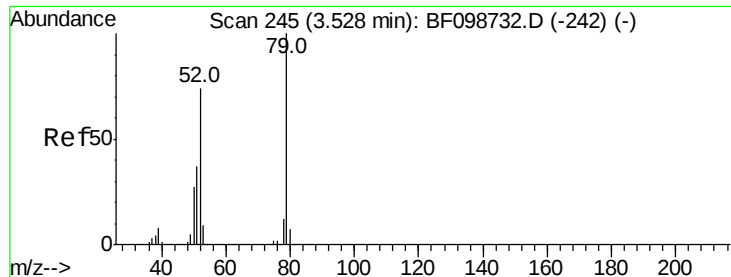
1,4-Dioxane
Concen: 39.060 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.02 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion: 88 Resp: 120107
Ion Ratio Lower Upper
88 100
58 73.2 62.6 93.8
43 26.0 24.6 37.0



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: 39.341 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.02 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

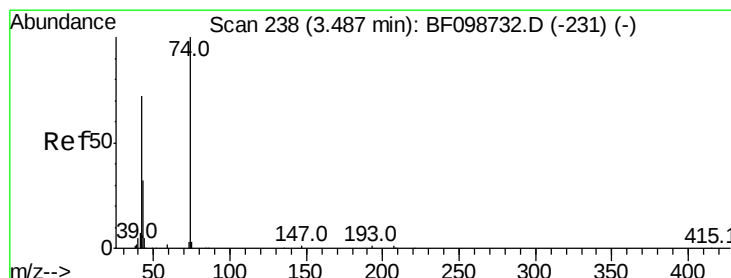
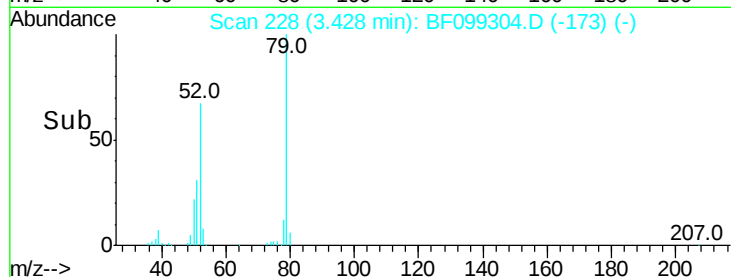
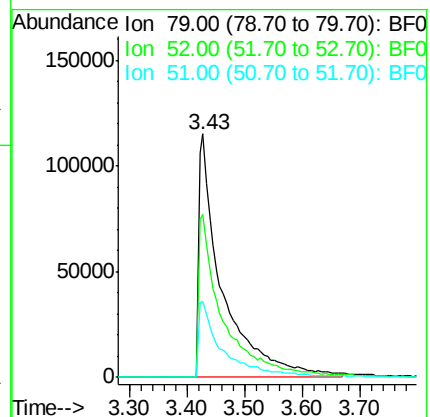
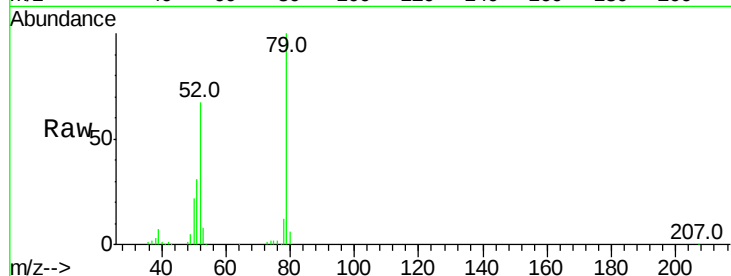
Tot Ion: 79 Resp: 327252

Ion Ratio Lower Upper

79 100

52 66.8 59.8 89.6

51 31.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.657 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.02 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

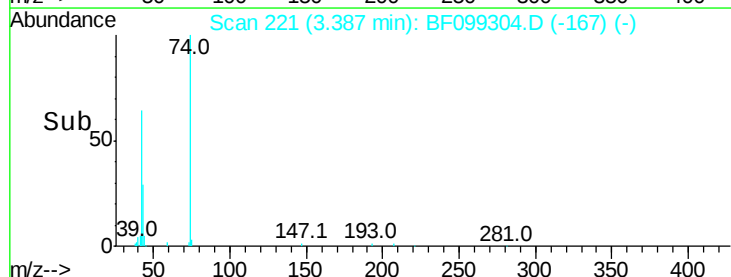
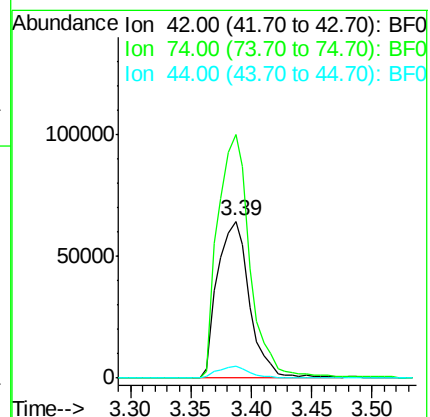
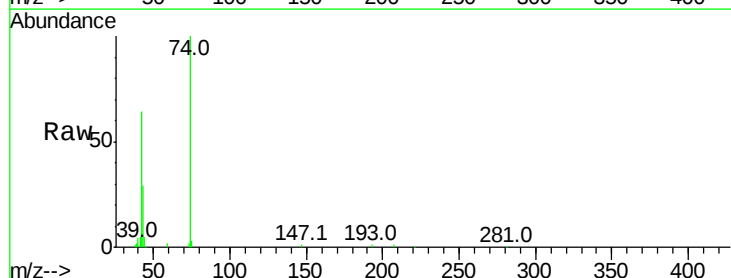
Tgt Ion: 42 Resp: 118723

Ion Ratio Lower Upper

42 100

74 155.0 104.9 157.3

44 7.3 6.9 10.3

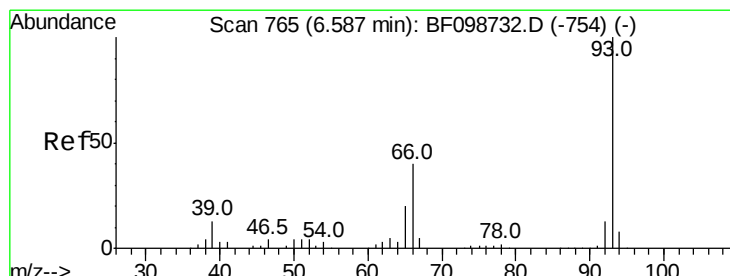
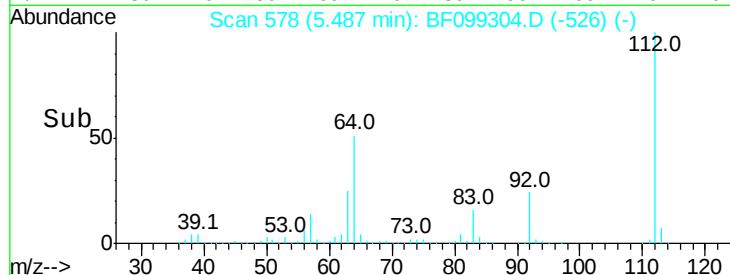
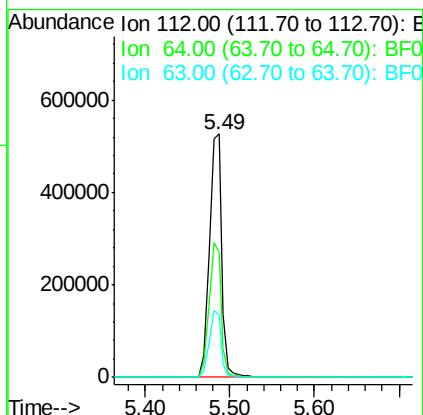
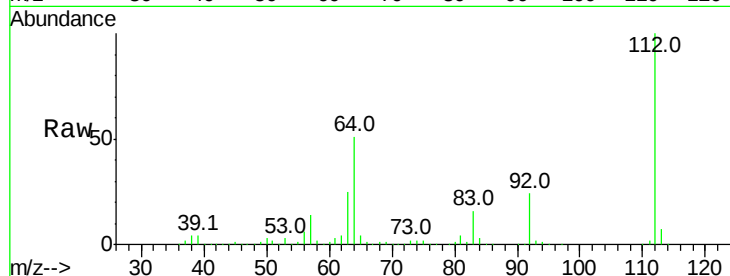




#5
 2-Fluorophenol
 Concen: 84.658 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

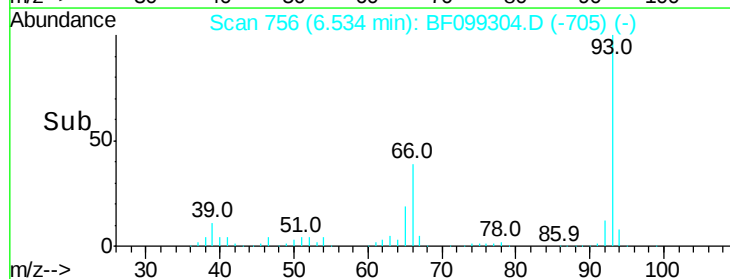
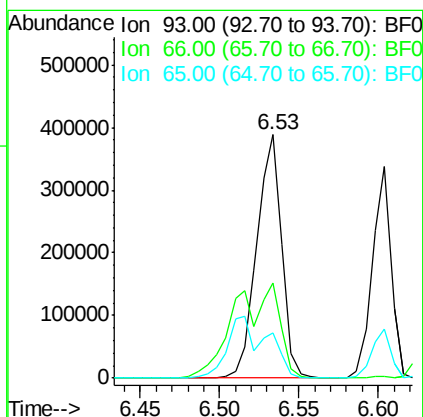
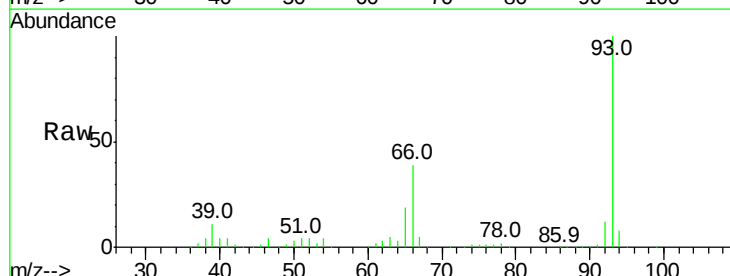
Instrument :
 BNA_F
 ClientSampled :

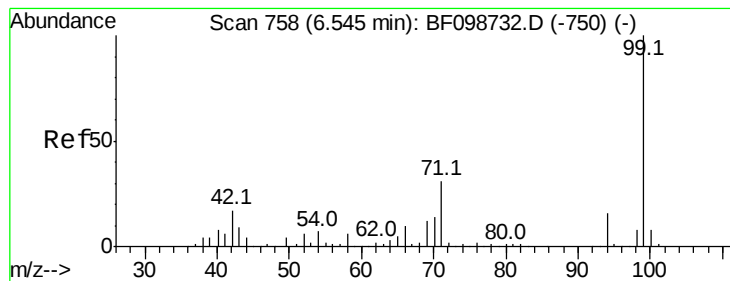
Tot Ion: 112 Resp: 544958
 Ion Ratio Lower Upper
 112 100
 64 51.4 47.9 71.9
 63 25.2 23.7 35.5



#6
 Aniline
 Concen: 39.921 ng
 RT: 6.53 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion: 93 Resp: 427852
 Ion Ratio Lower Upper
 93 100
 66 38.9 32.2 48.2
 65 18.6 16.4 24.6





#7

Phenol-d6

Concen: 82.923 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

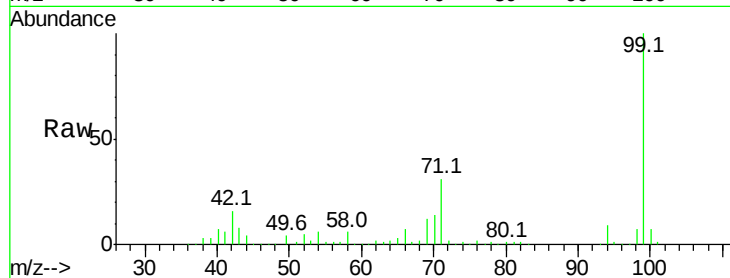
Tot Ion: 99 Resp: 658491

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

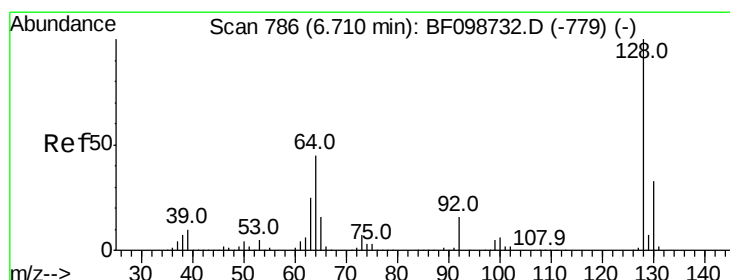
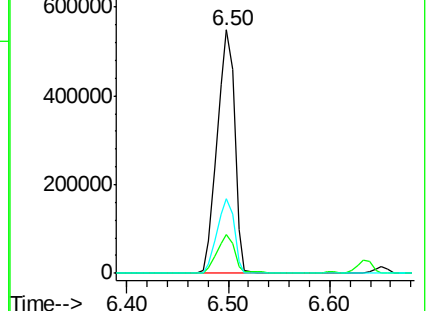
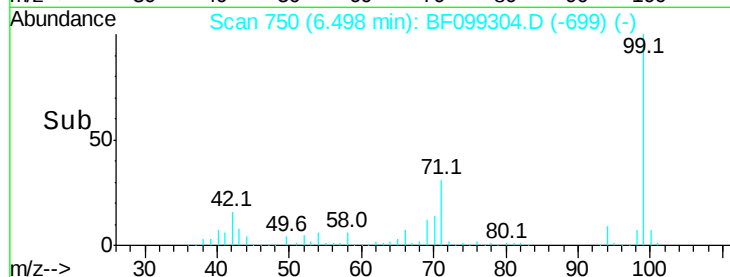
71 30.9 25.4 38.0



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: 42.267 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

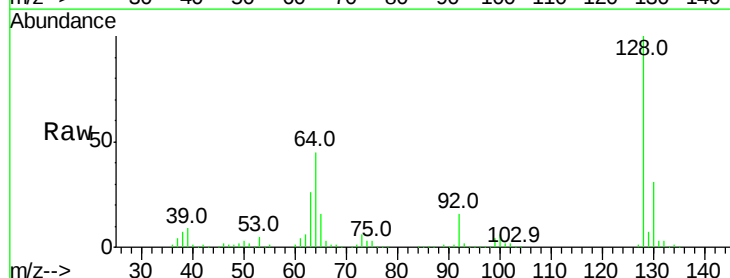
Tgt Ion: 128 Resp: 308118

Ion Ratio Lower Upper

128 100

130 30.8 13.0 53.0

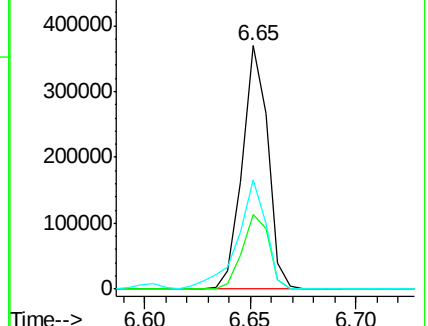
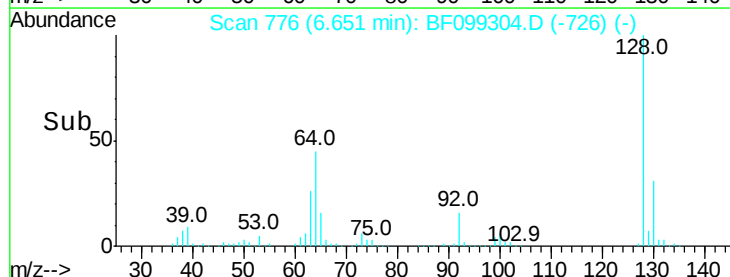
64 45.0 29.4 69.4

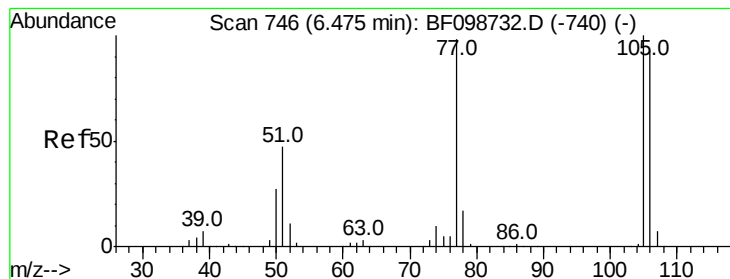


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.432 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

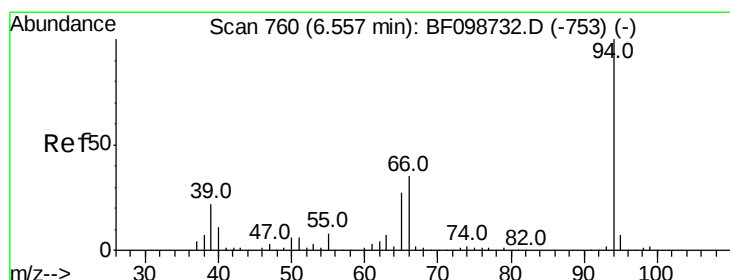
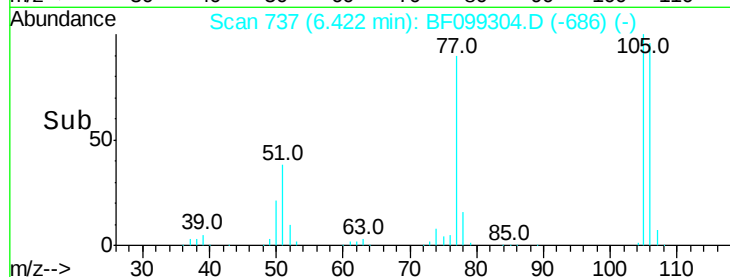
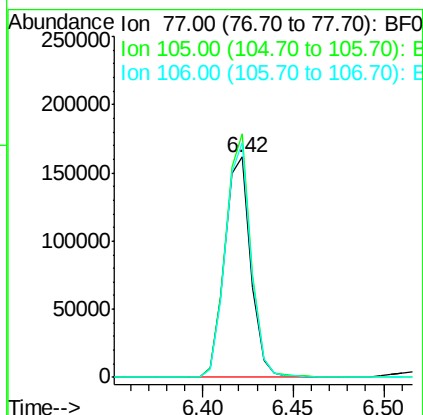
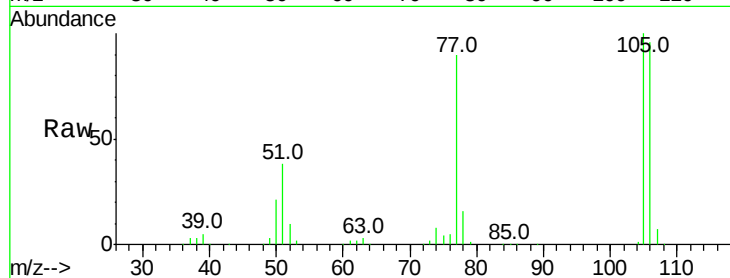
Tot Ion: 77 Resp: 163211

Ion Ratio Lower Upper

77 100

105 110.6 81.1 121.1

106 106.5 74.5 114.5



#10

Phenol

Concen: 43.708 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

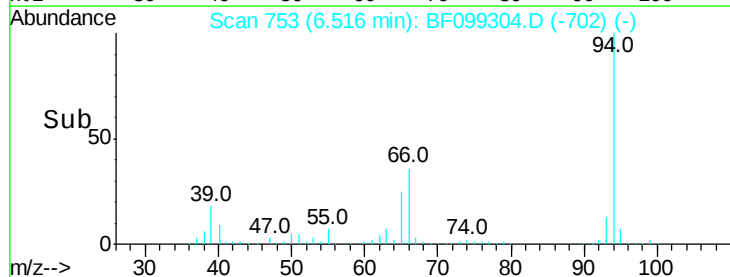
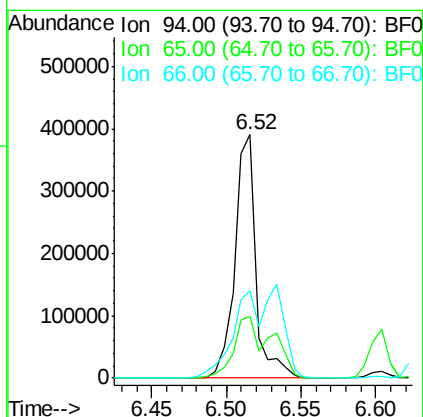
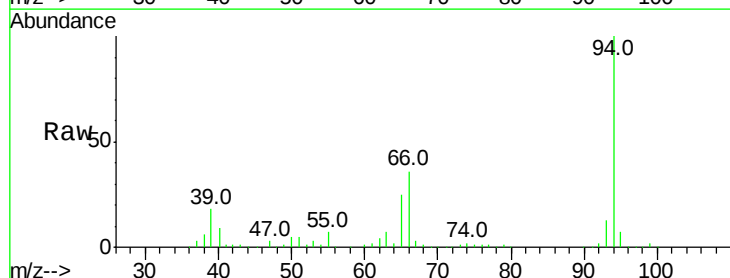
Tgt Ion: 94 Resp: 388171

Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

66 35.9 16.2 56.2

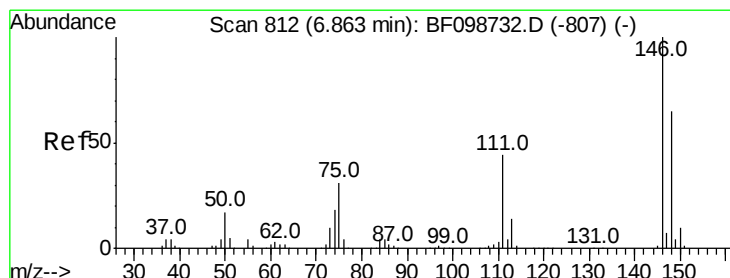
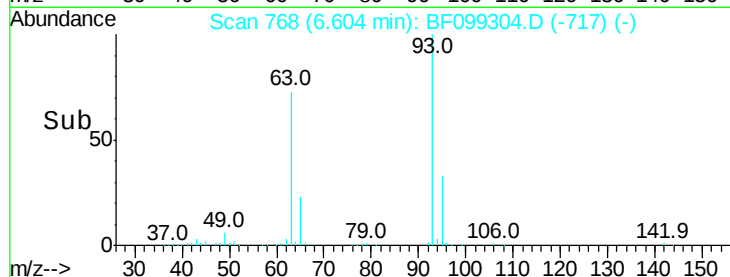
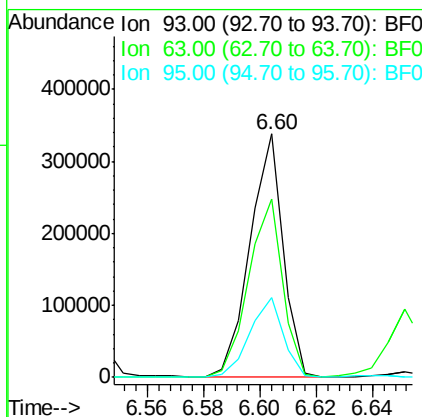
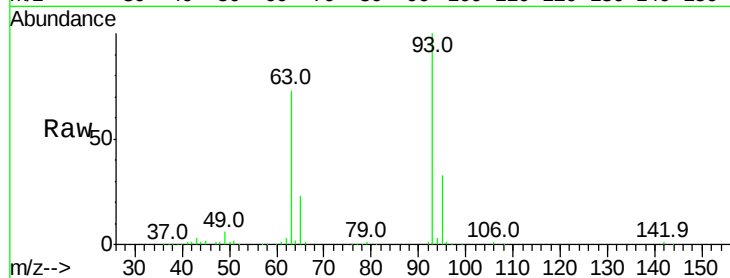




#11
bis(2-Chloroethyl)ether
Concen: 39.695 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

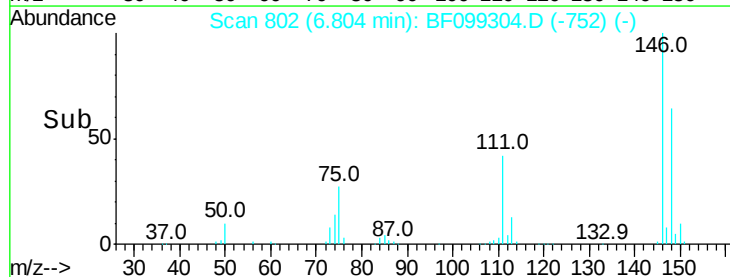
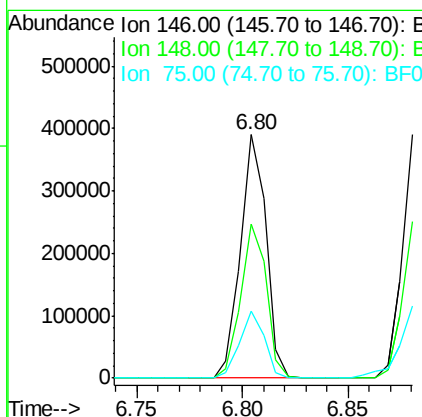
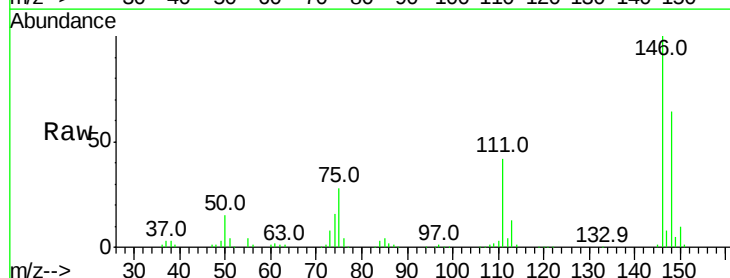
Instrument :
BNA_F
ClientSampleId :

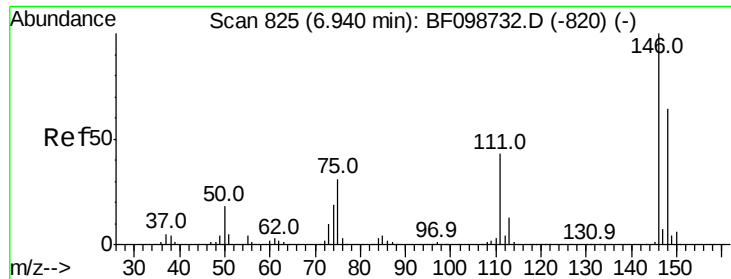
Tot Ion: 93 Resp: 274063
Ion Ratio Lower Upper
93 100
63 73.2 58.6 98.6
95 33.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 42.804 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion: 146 Resp: 326787
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 27.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 42.224 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampled :

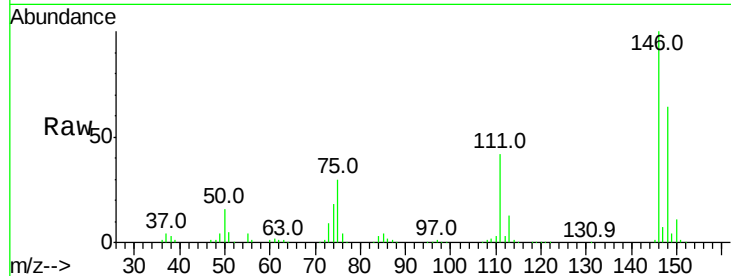
Tot Ion:146 Resp: 327975

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

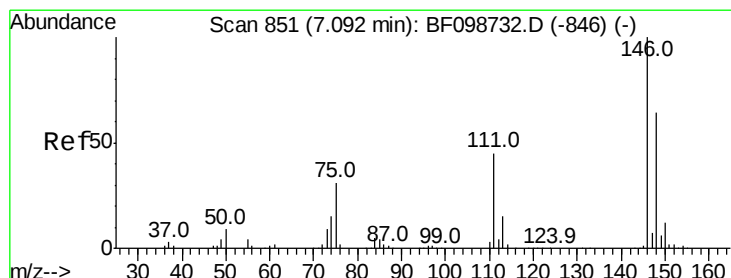
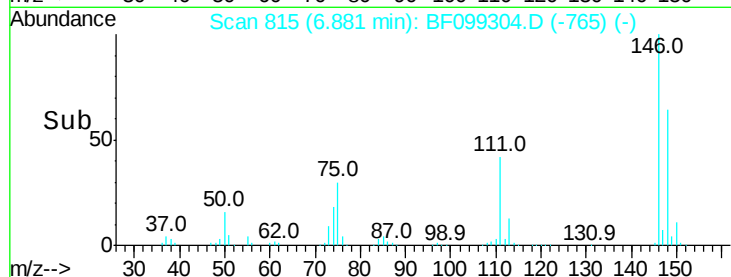
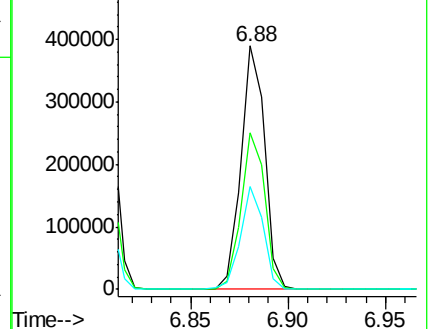
111 42.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.772 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

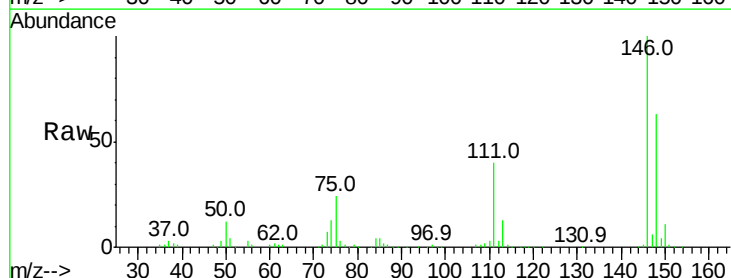
Tgt Ion:146 Resp: 306985

Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

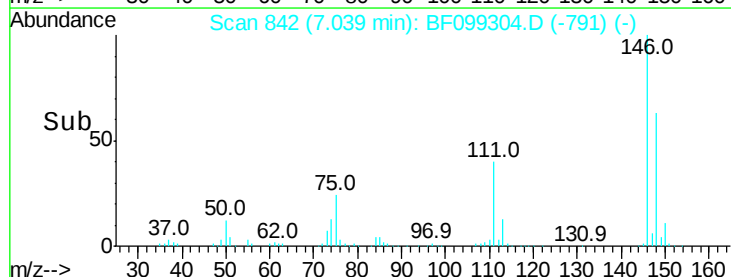
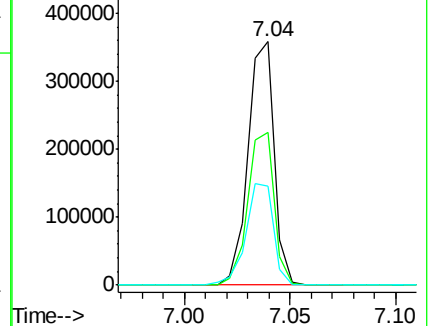
111 40.5 36.0 54.0

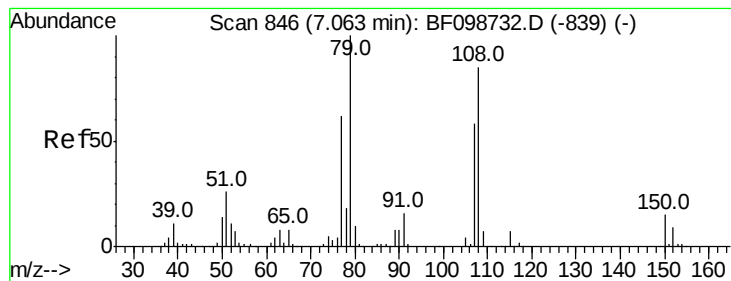


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.947 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

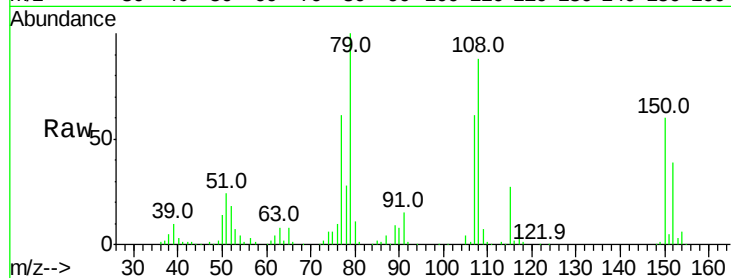
Tot Ion: 79 Resp: 221060

Ion Ratio Lower Upper

79 100

108 88.0 65.1 97.7

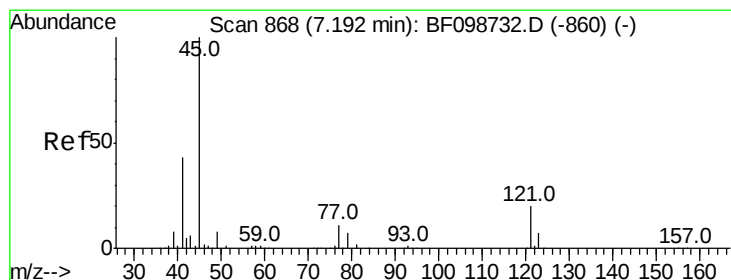
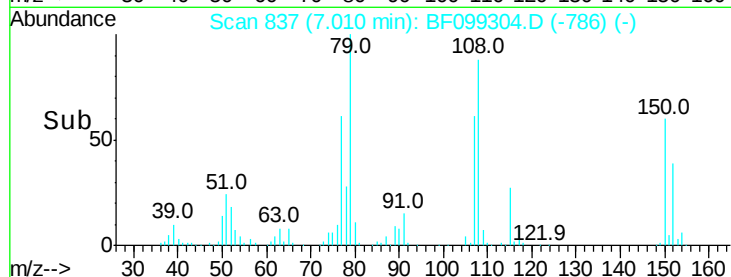
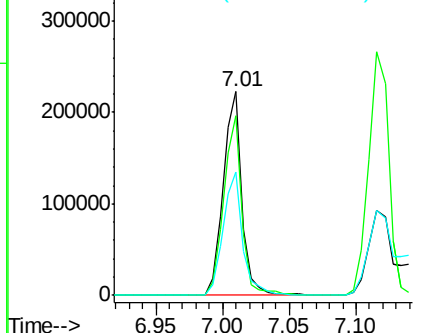
77 60.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.581 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

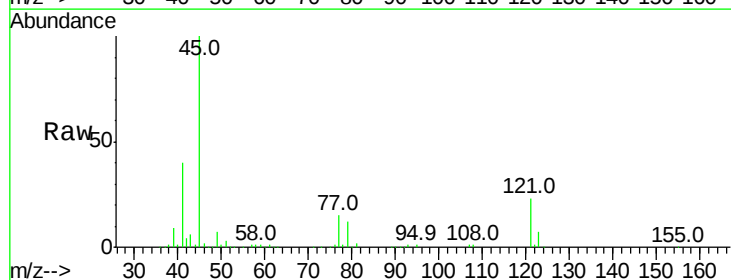
Tgt Ion: 45 Resp: 382733

Ion Ratio Lower Upper

45 100

77 15.1 0.0 32.9

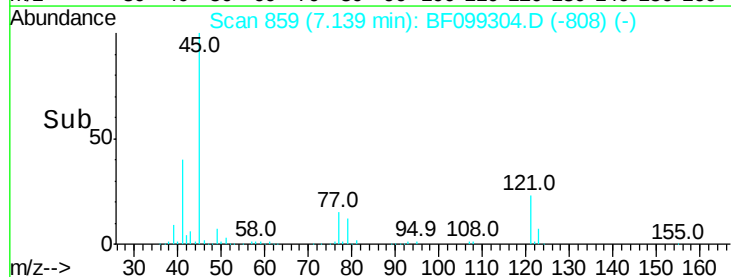
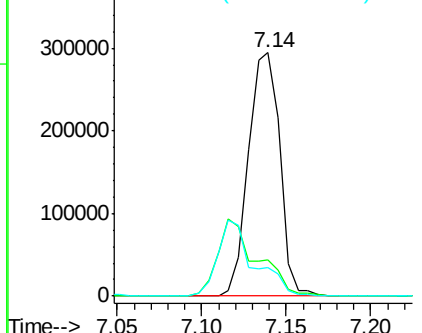
79 11.6 0.0 29.6

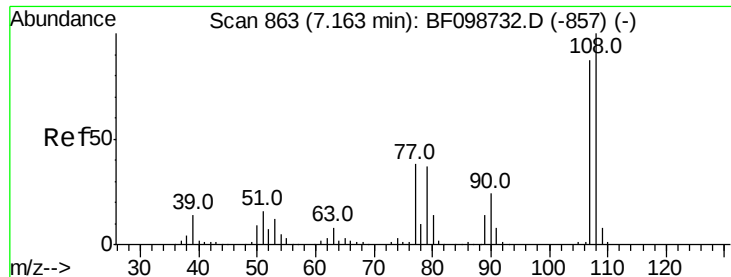


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.553 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 241888

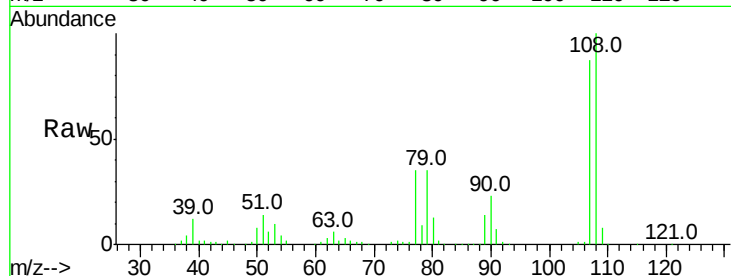
Ion Ratio Lower Upper

107 100

108 114.6 91.7 137.5

77 40.2 33.8 50.8

79 39.9 33.8 50.8

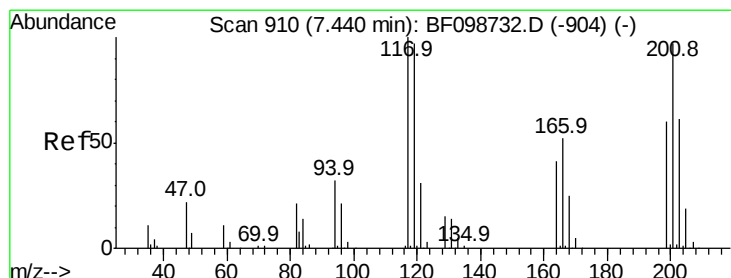
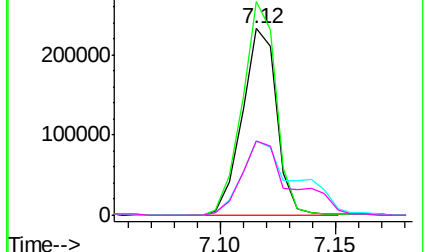
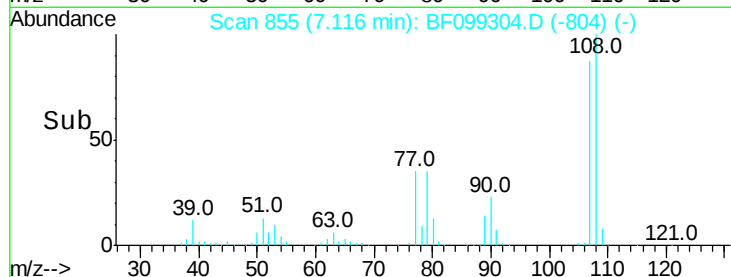


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.497 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

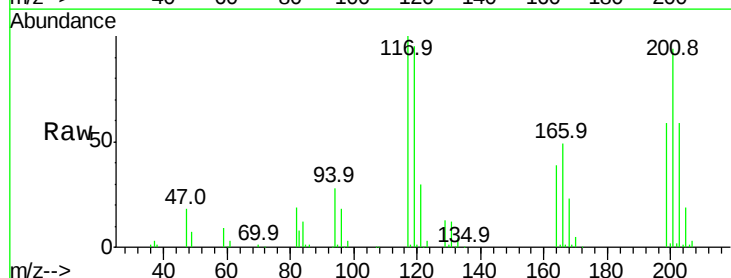
Tgt Ion:117 Resp: 113068

Ion Ratio Lower Upper

117 100

119 95.2 75.8 113.8

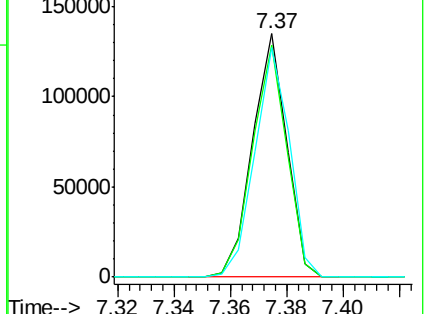
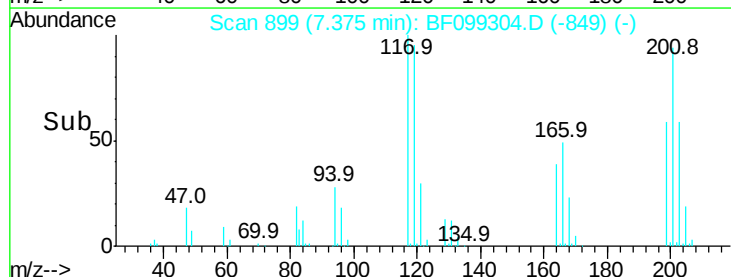
201 94.5 75.7 113.5

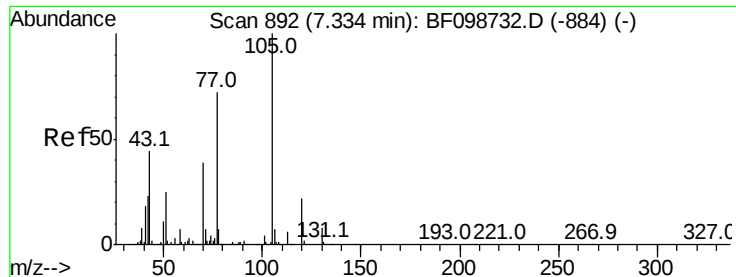


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

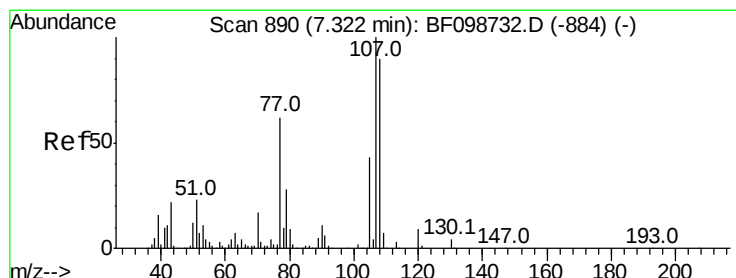
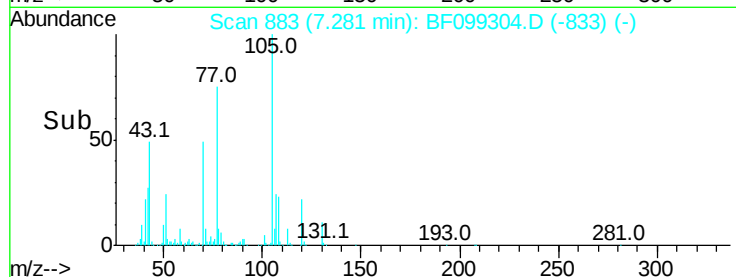
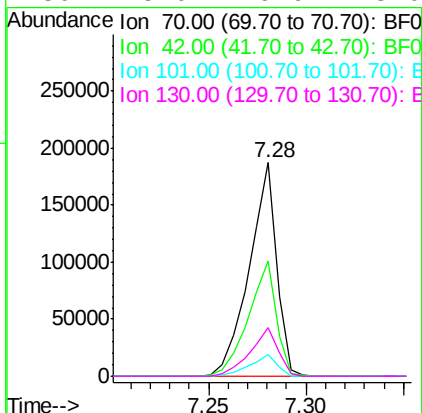
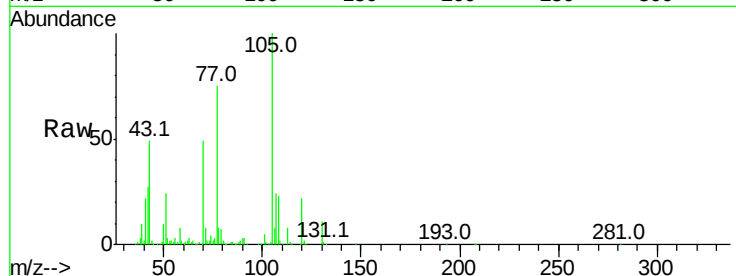




#19
n-Nitroso-di-n-propylamine
Concen: 35.946 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

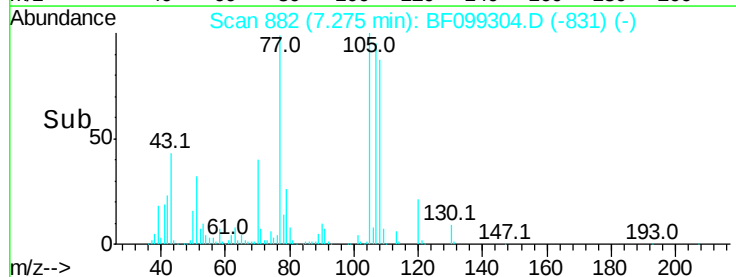
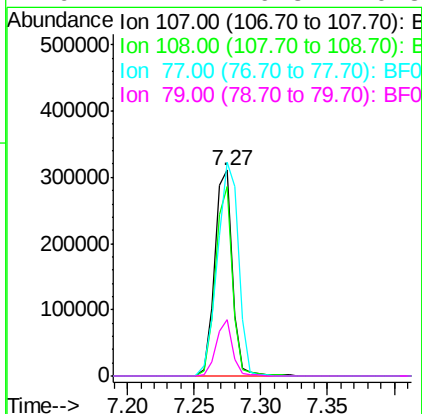
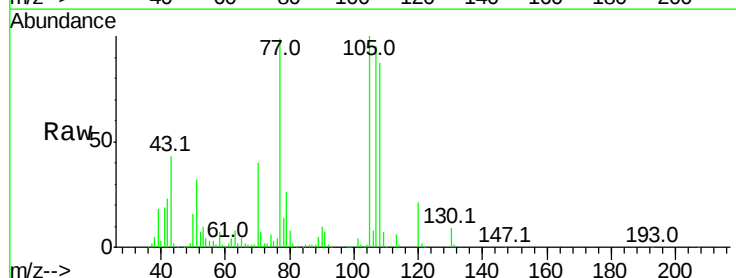
Instrument :
BNA_F
ClientSampleId :

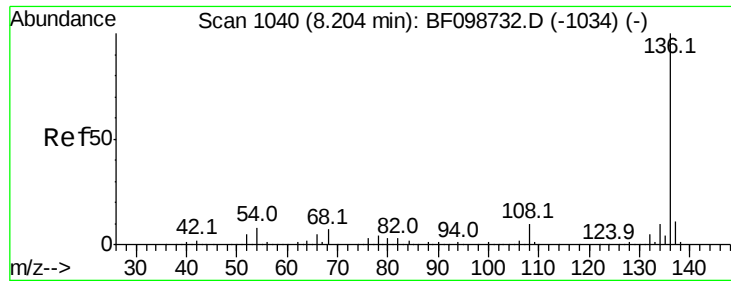
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	9.9	7.4	11.2
130	23.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.029 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.2	108.2
77	103.9	26.7	66.7#
79	27.7	6.3	46.3

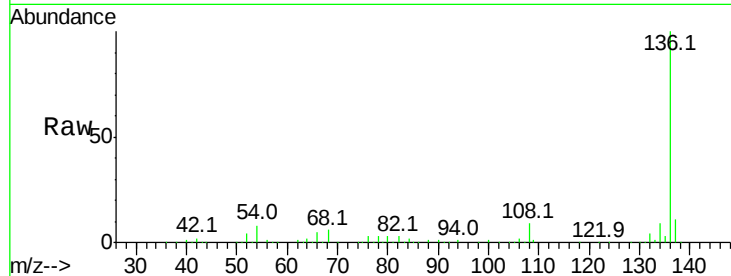




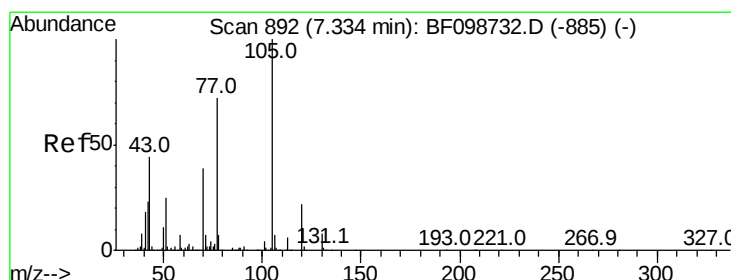
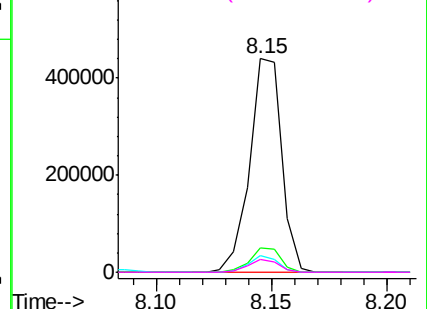
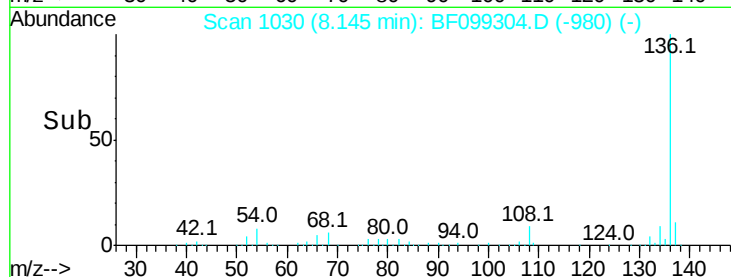
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	428295
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.7	6.6	9.8
68	6.3	5.0	7.4

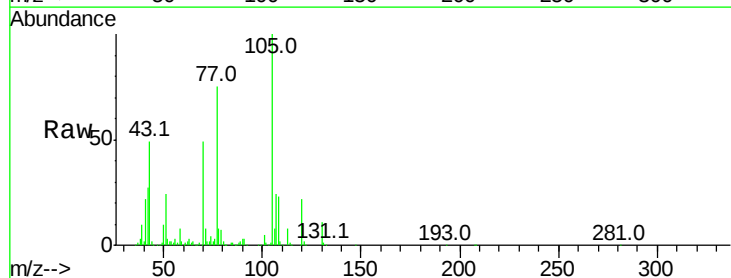


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

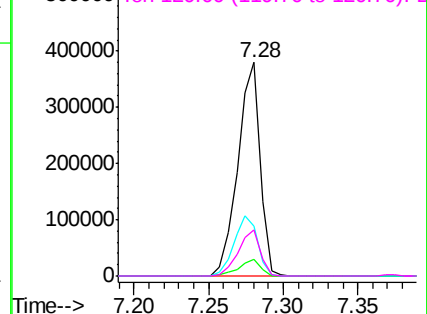
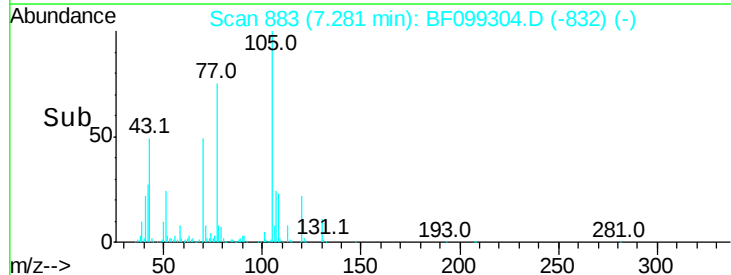


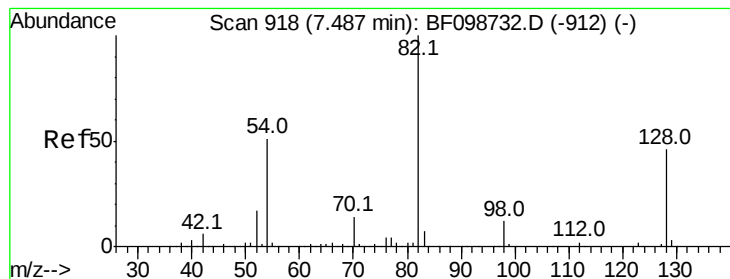
#22
Acetophenone
Concen: 38.367 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion:	105	Resp:	398126
Ion	Ratio	Lower	Upper
105	100		
71	8.1	4.4	6.6#
51	23.6	22.3	33.5
120	21.7	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.552 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

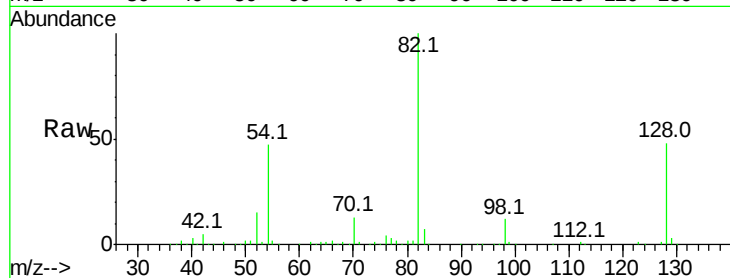
Tot Ion: 82 Resp: 537970

Ion Ratio Lower Upper

82 100

128 48.3 36.1 54.1

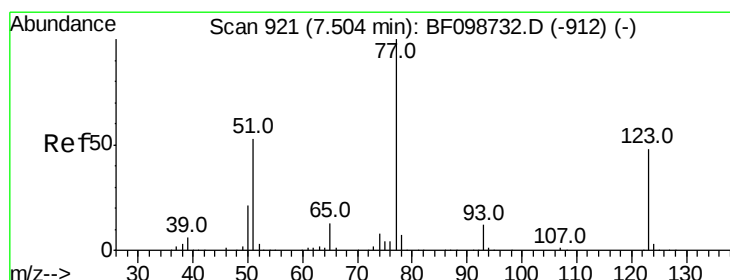
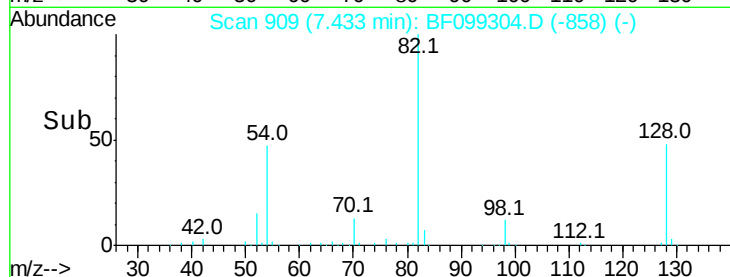
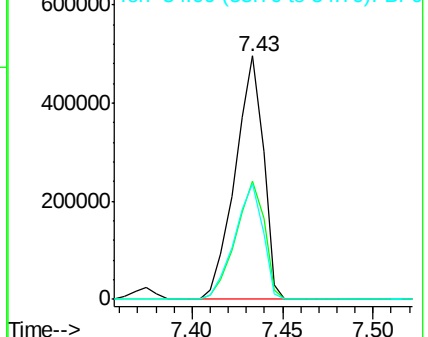
54 47.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.957 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

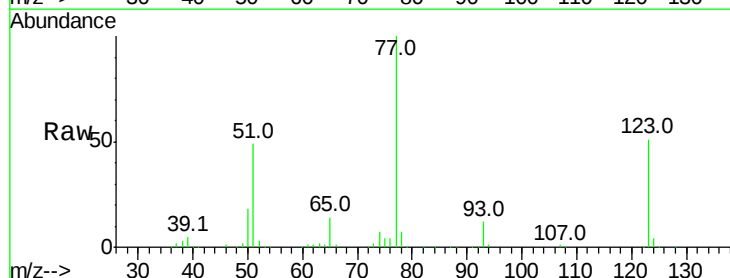
Tgt Ion: 77 Resp: 295139

Ion Ratio Lower Upper

77 100

123 50.7 37.9 56.9

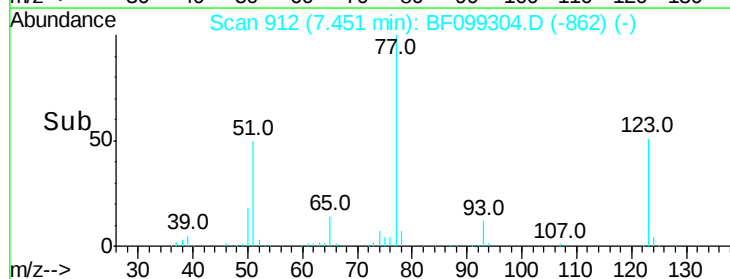
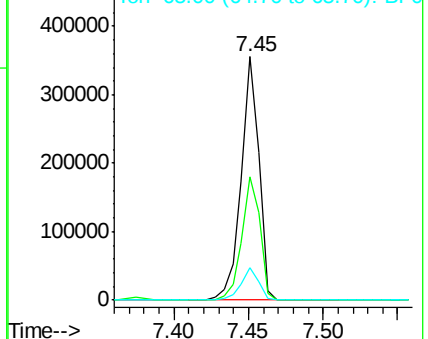
65 13.6 11.0 16.4

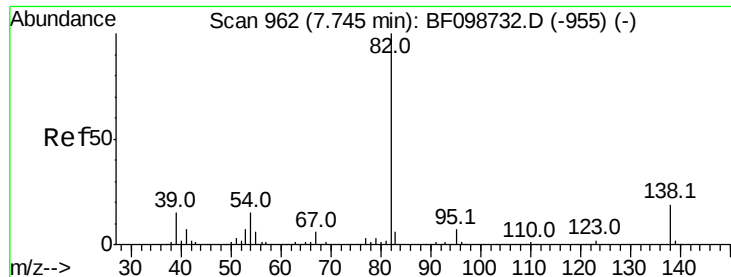


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.079 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

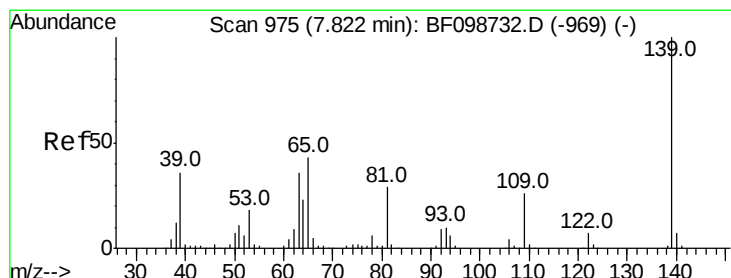
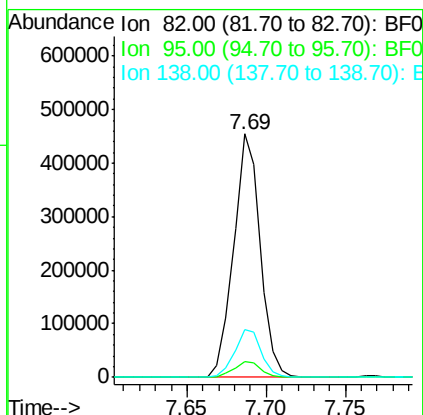
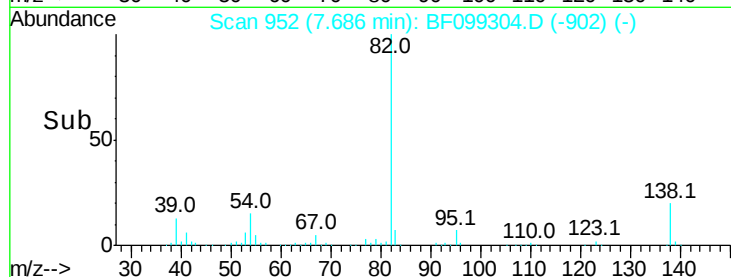
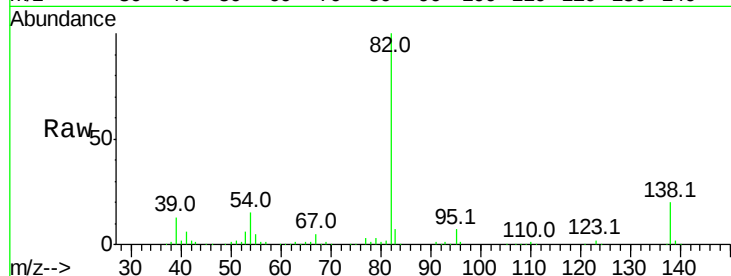
Tot Ion: 82 Resp: 525792

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 46.379 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

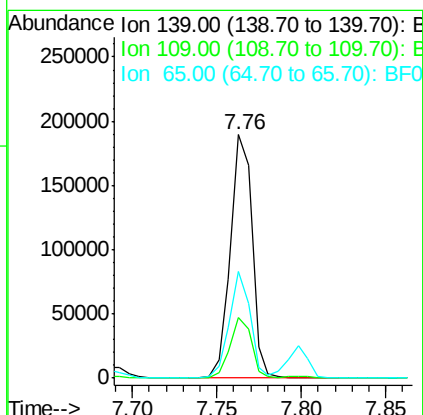
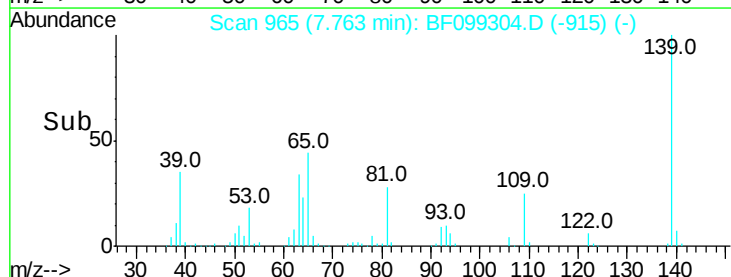
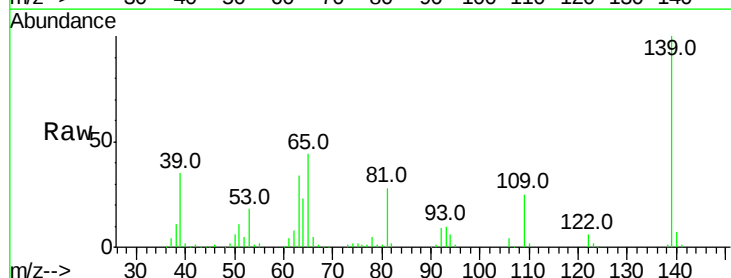
Tgt Ion: 139 Resp: 168963

Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 44.0 40.5 60.7

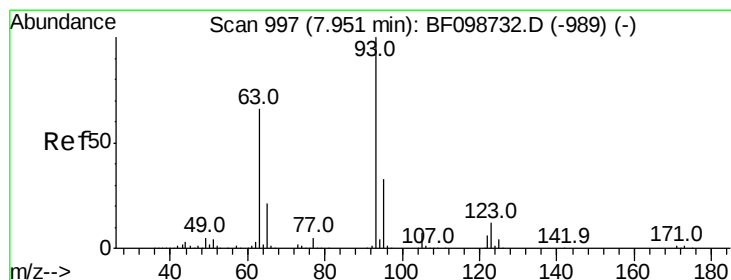
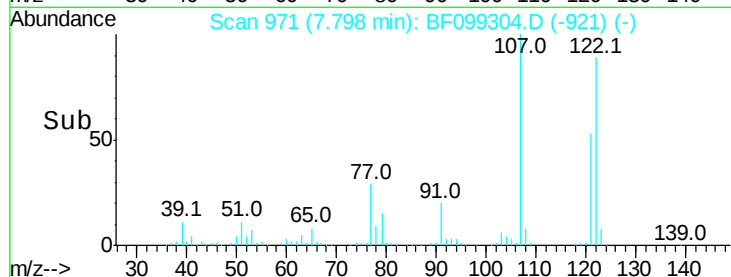
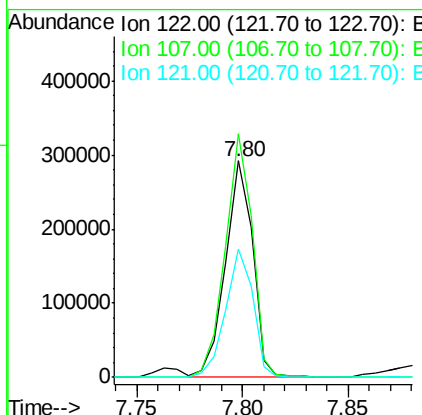
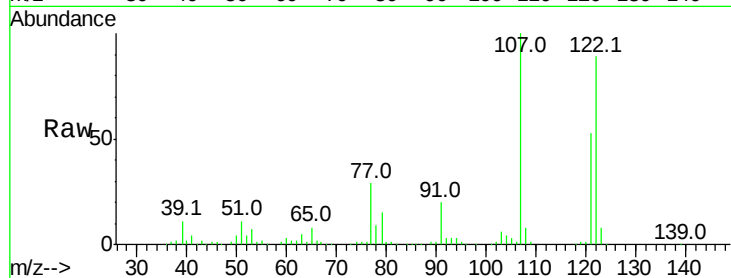




#27
 2,4-Dimethylphenol
 Concen: 37.445 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

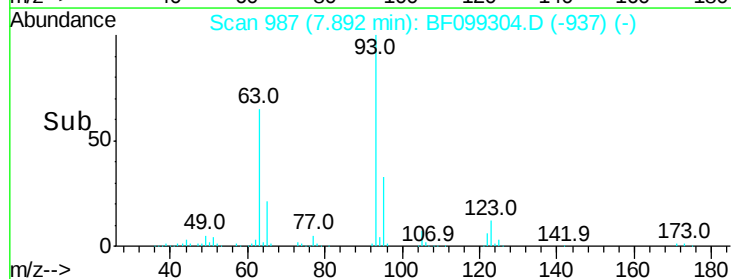
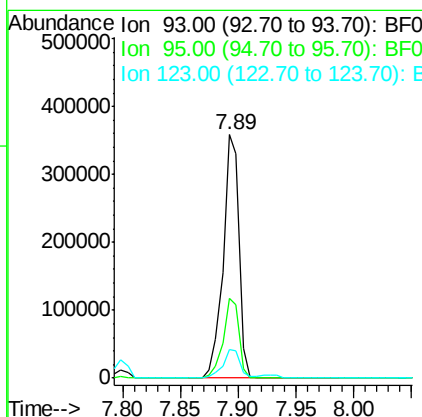
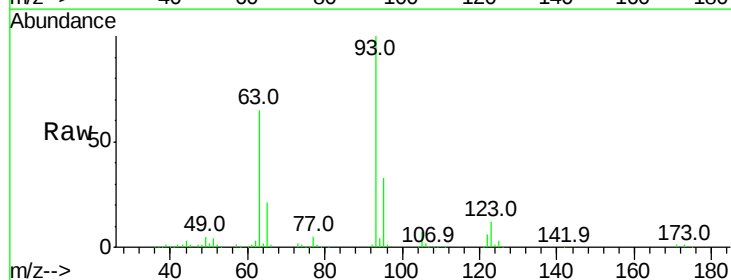
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 257625
 Ion Ratio Lower Upper
 122 100
 107 112.4 91.2 136.8
 121 59.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.526 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion: 93 Resp: 340114
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.3 39.5
 123 11.8 9.8 14.6

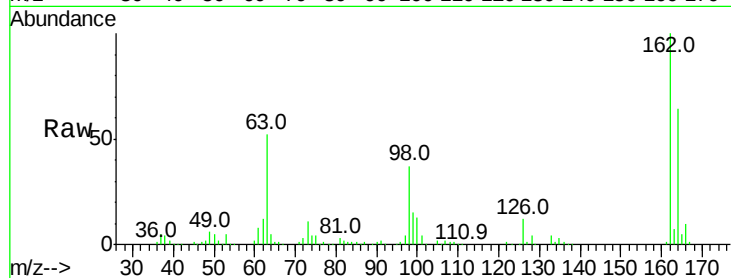




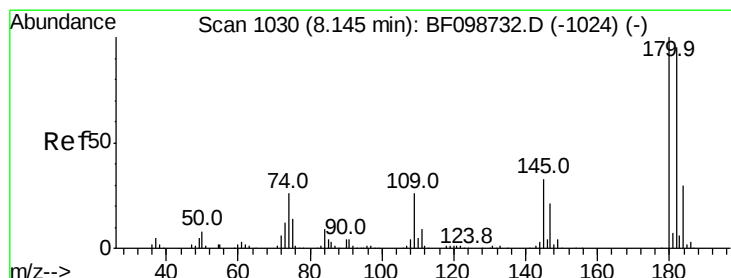
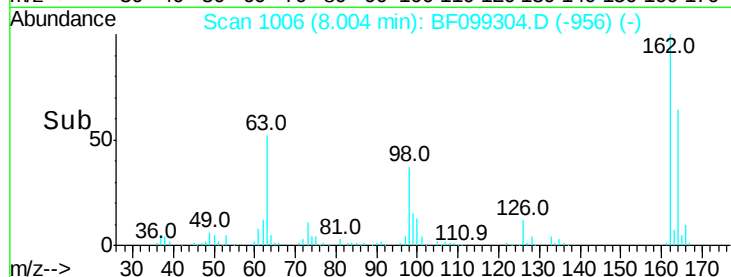
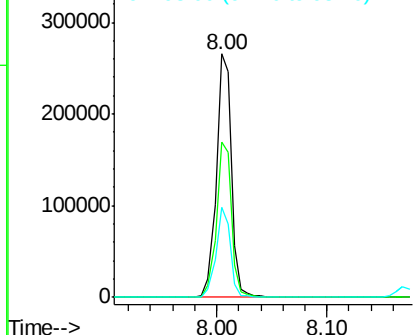
#29
 2,4-Dichlorophenol
 Concen: 42.625 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 251785
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.7 82.7
 98 36.8 18.1 58.1

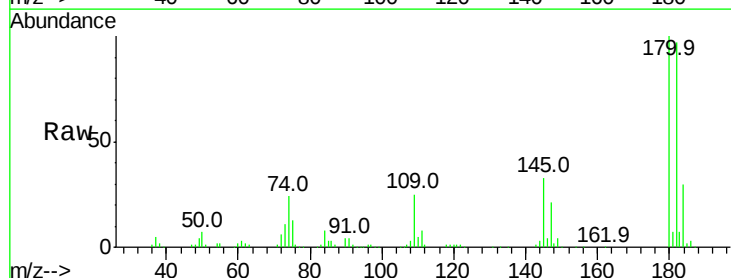


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

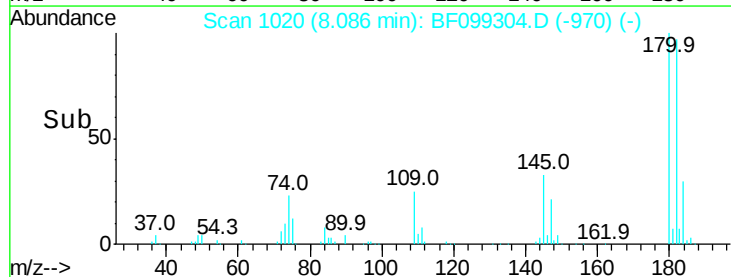
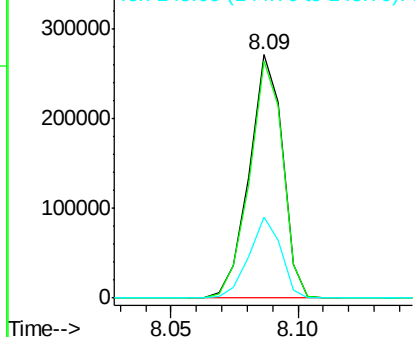


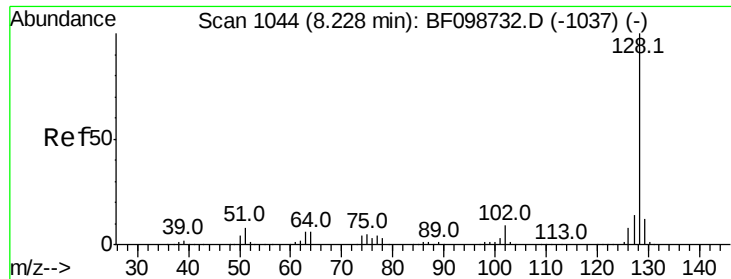
#30
 1,2,4-Trichlorobenzene
 Concen: 42.206 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion:180 Resp: 249349
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.8 115.2
 145 33.1 26.5 39.7



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

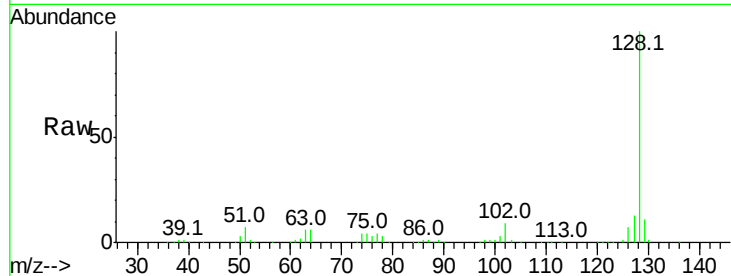




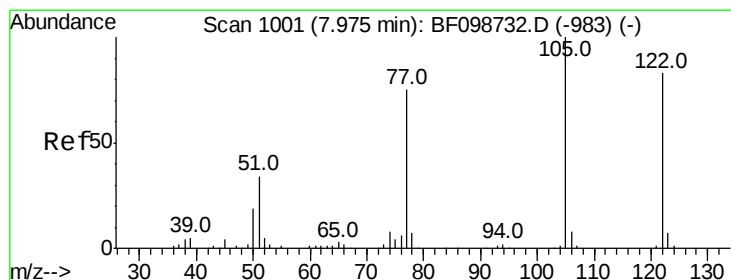
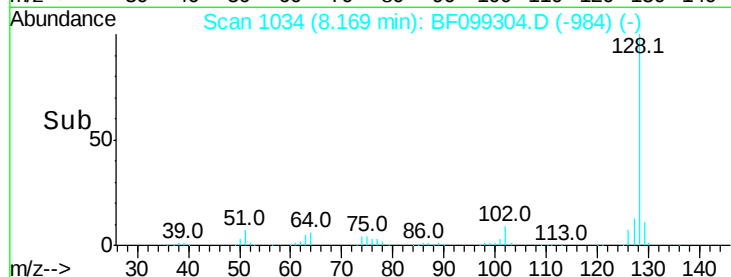
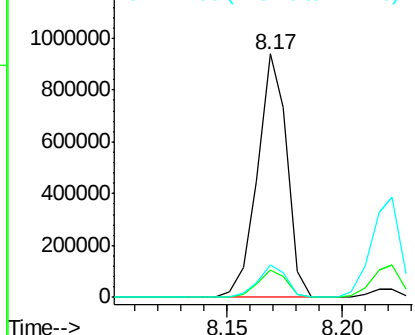
#31
Naphthalene
Concen: 41.455 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 833891
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.3 10.9 16.3

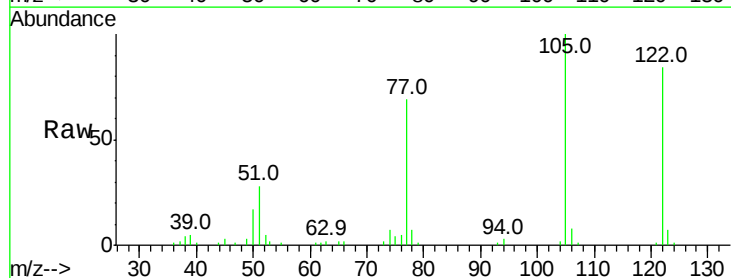


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

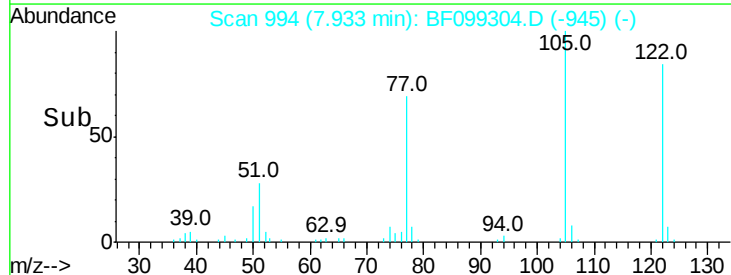
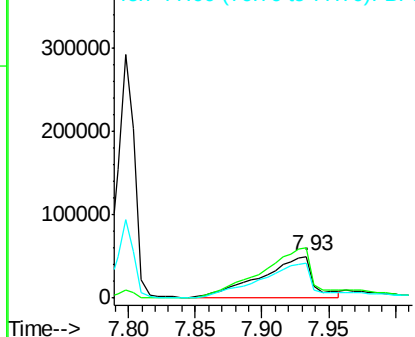


#32
Benzoic acid
Concen: 23.499 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion:122 Resp: 132805
Ion Ratio Lower Upper
122 100
105 119.0 101.1 141.1
77 82.3 70.7 110.7



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

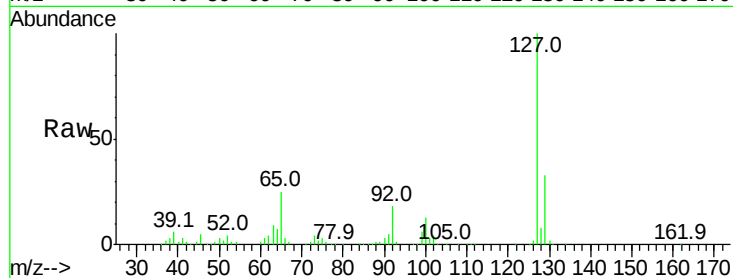




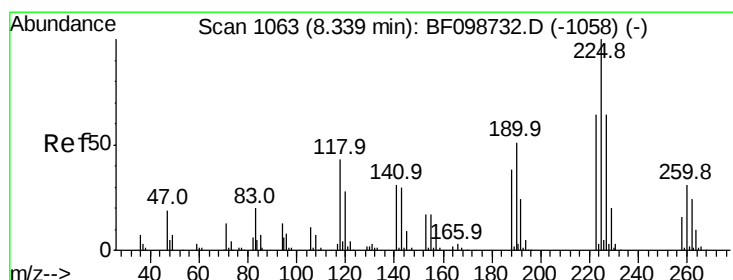
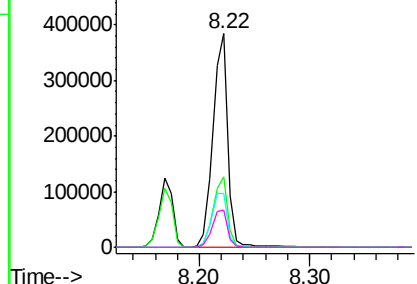
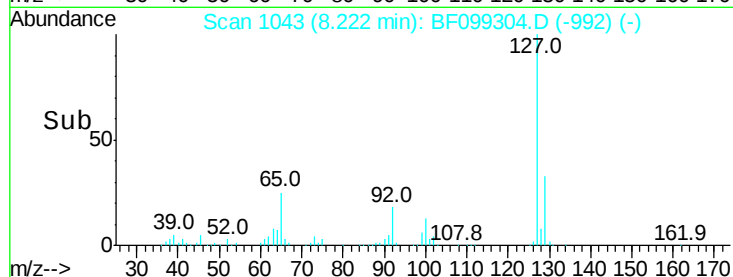
#33
4-Chloroaniline
Concen: 41.447 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	348163
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	25.2	25.0	37.4
92	17.6	15.2	22.8

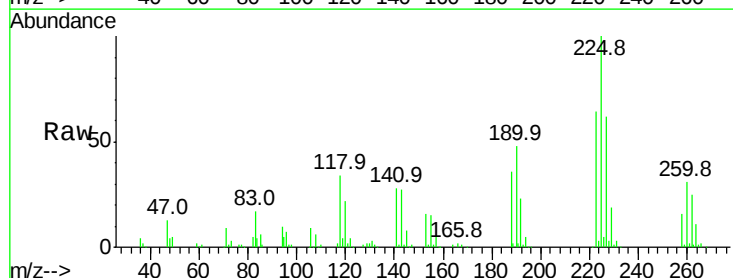


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

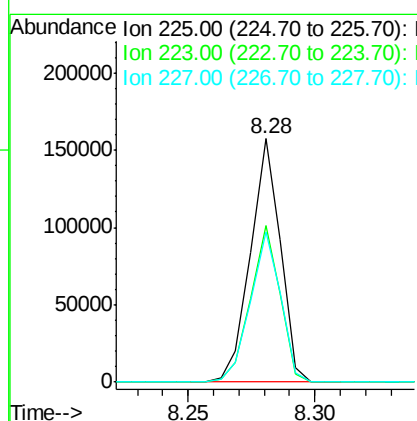
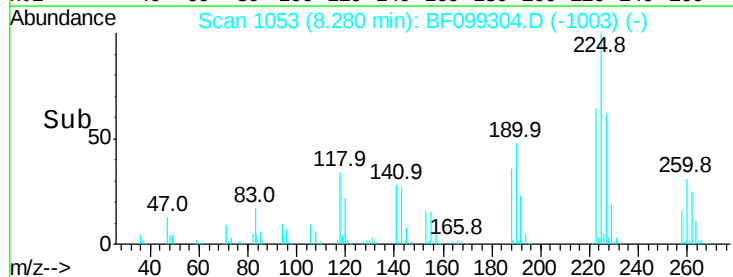


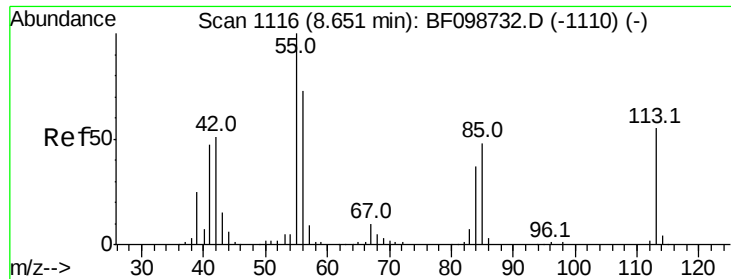
#34
Hexachlorobutadiene
Concen: 42.436 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion:	225	Resp:	129134
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	61.8	51.9	77.9



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

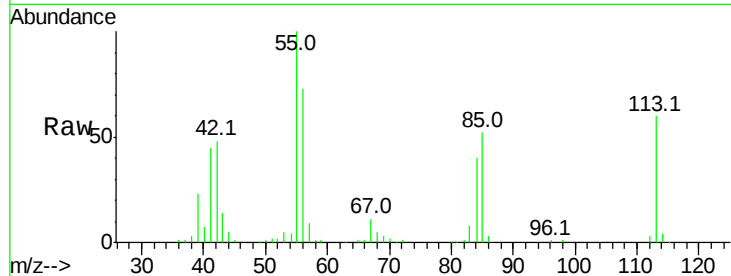




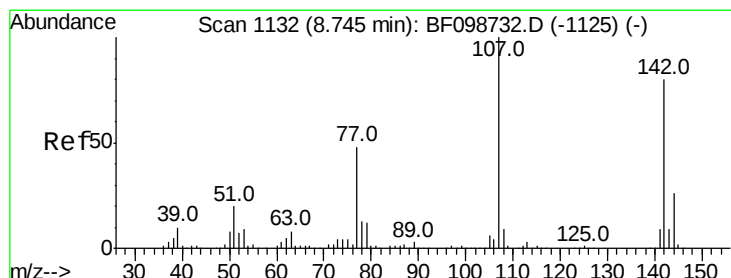
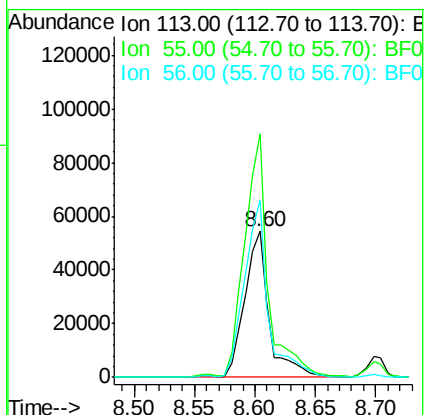
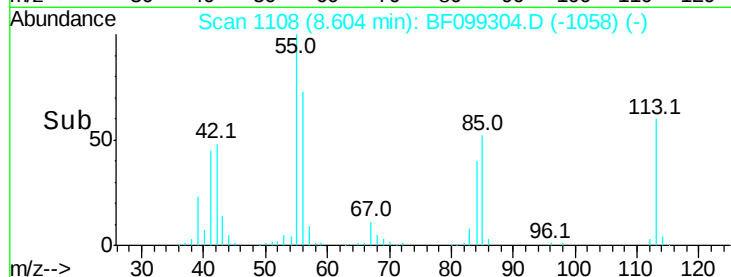
#35
 Caprolactam
 Concen: 40.769 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 77249
 Ion Ratio Lower Upper
 113 100
 55 166.6 163.3 203.3
 56 121.4 115.7 155.7

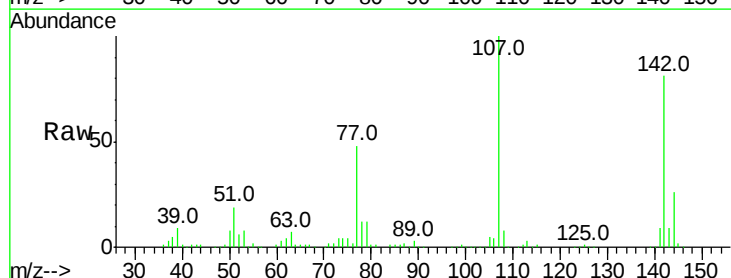


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

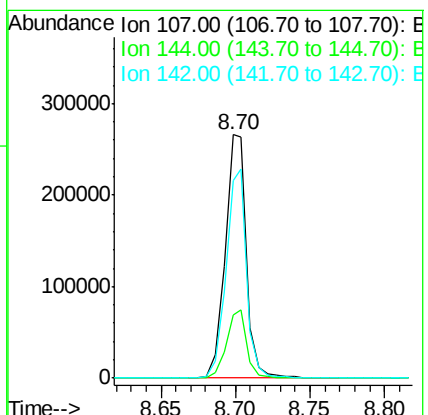
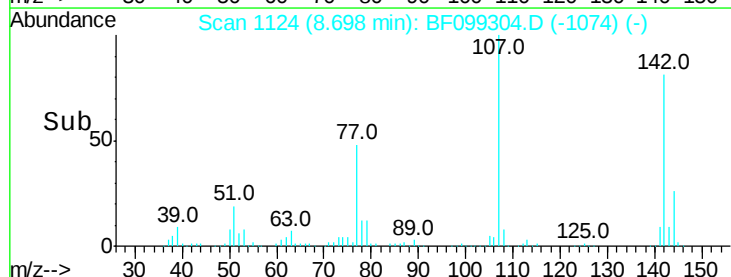


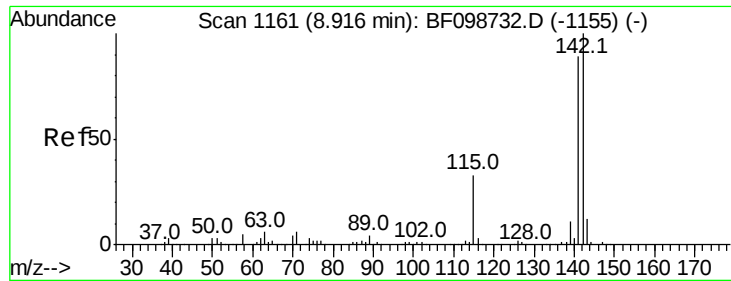
#36
 4-Chloro-3-methylphenol
 Concen: 40.456 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion:107 Resp: 268607
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 81.4 62.0 93.0



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

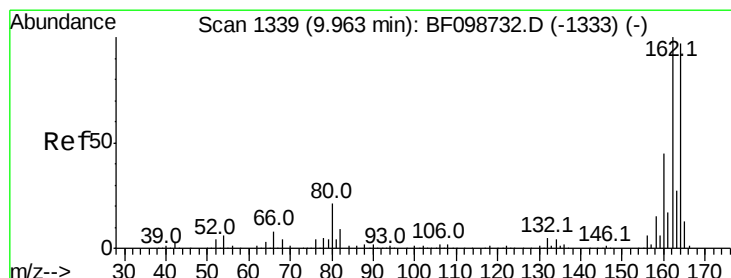
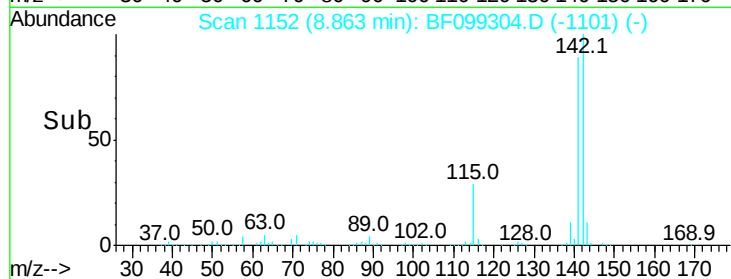
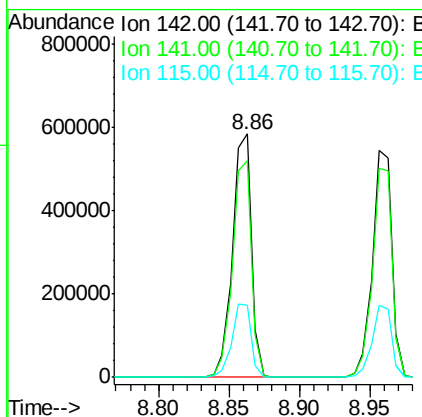
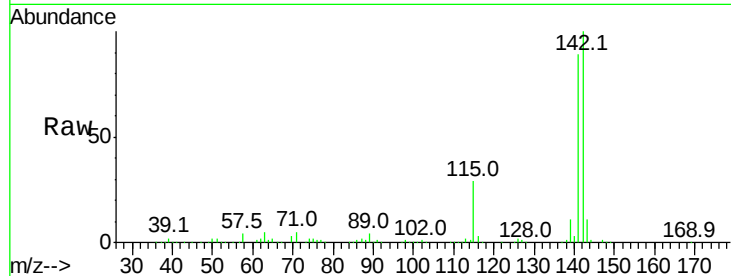




#37
 2-Methylnaphthalene
 Concen: 41.764 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

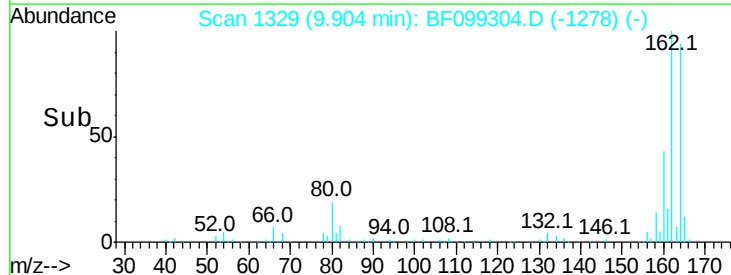
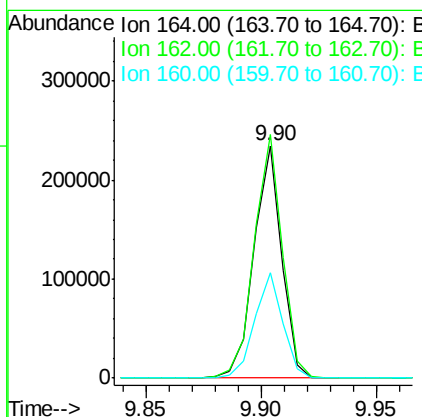
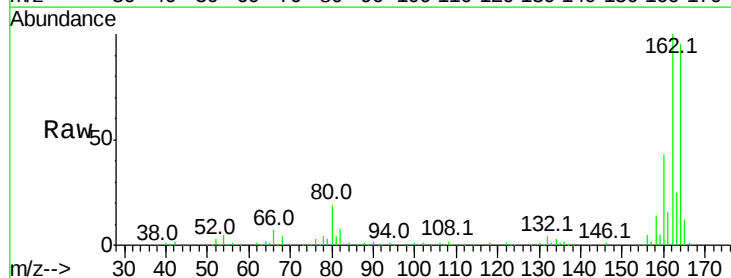
Instrument :
 BNA_F
 ClientSampleId :

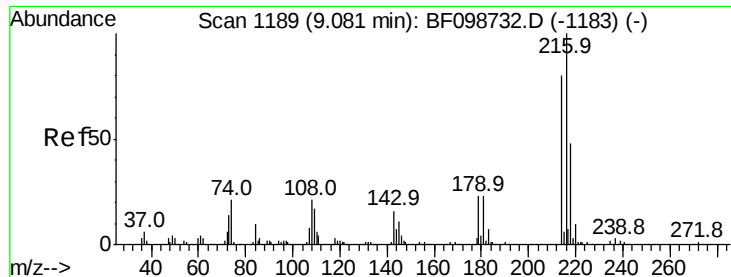
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	29.5	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	45.3	38.3	57.5

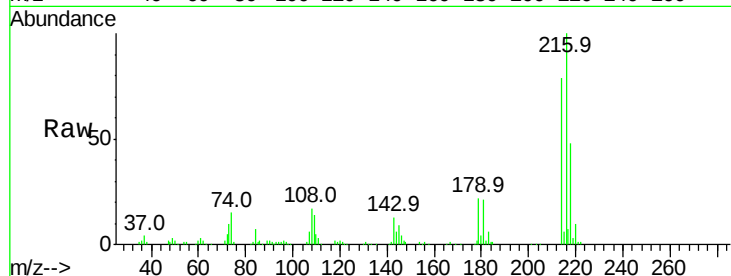




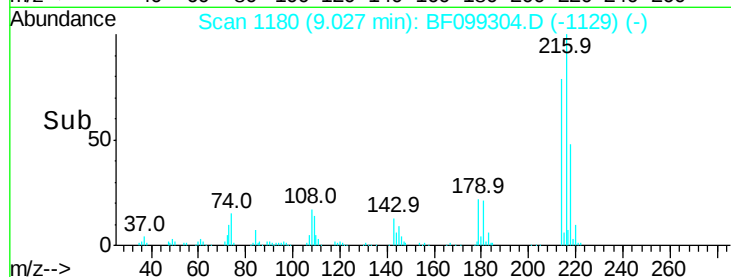
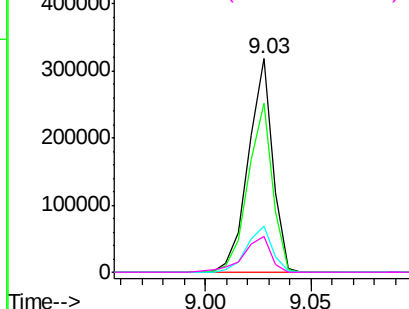
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.457 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	254927
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.5	18.1	27.1
108	19.1	17.2	25.8

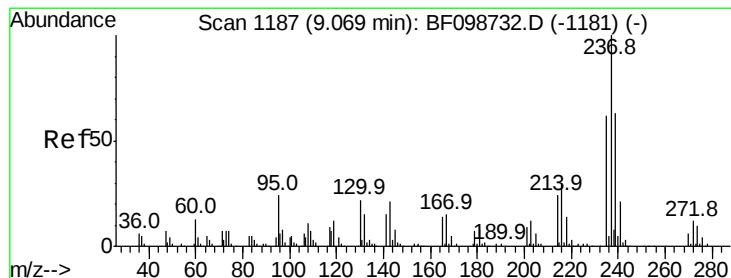


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

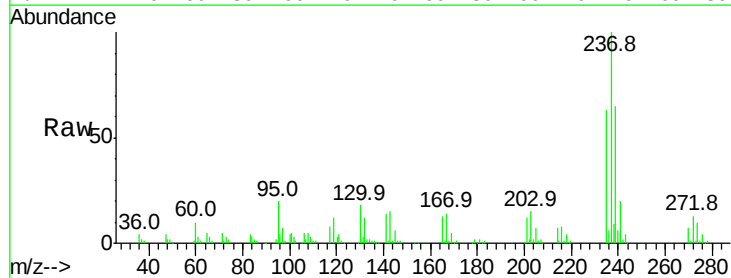
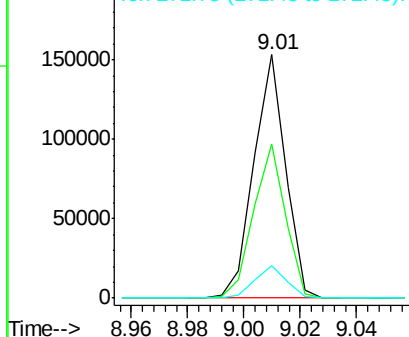


#40
 Hexachlorocyclopentadiene
 Concen: 44.568 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion:	237	Resp:	119480
Ion	Ratio	Lower	Upper
237	100		
235	63.2	44.8	84.8
272	13.1	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

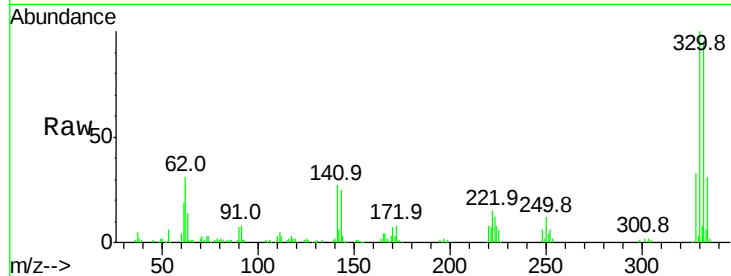




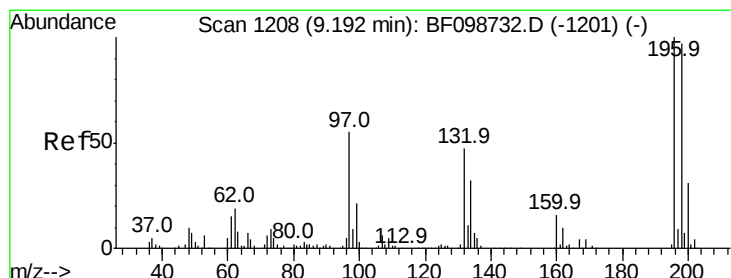
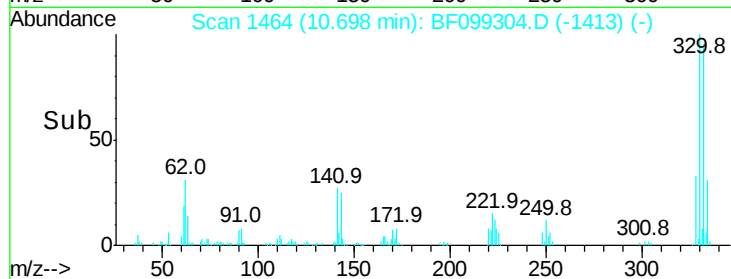
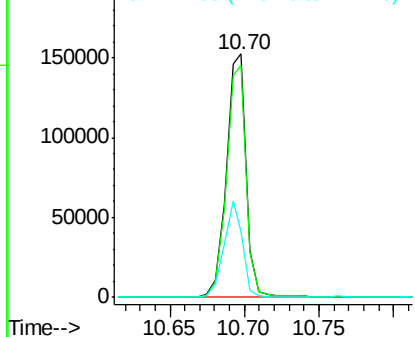
#41
 2,4,6-Tribromophenol
 Concen: 89.789 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	37.0	29.9	44.9

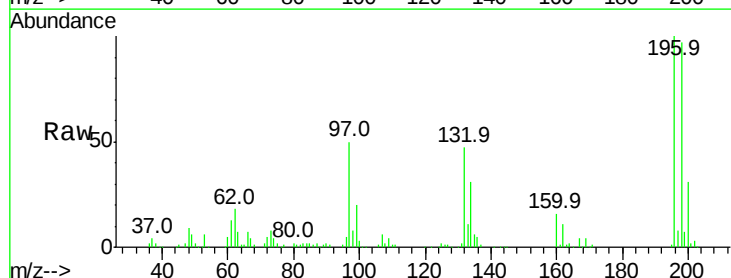


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

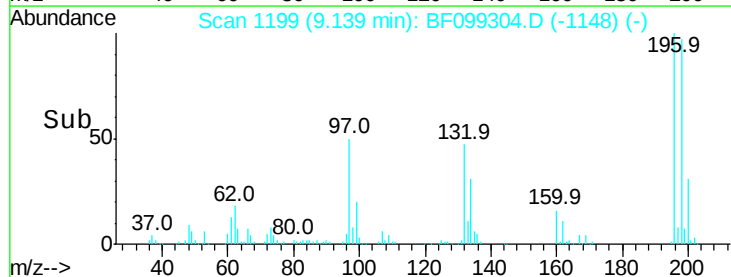
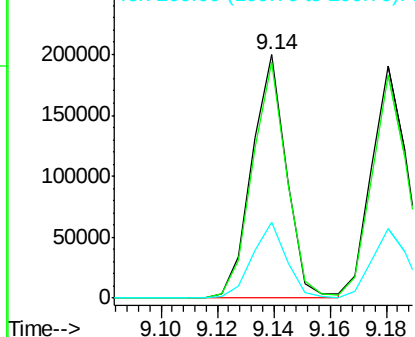


#42
 2,4,6-Trichlorophenol
 Concen: 40.890 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.7	113.5
200	31.0	24.5	36.7



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

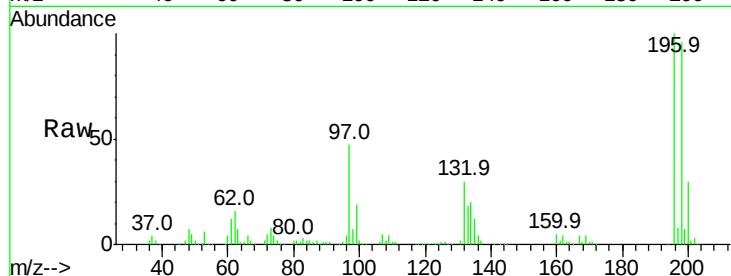




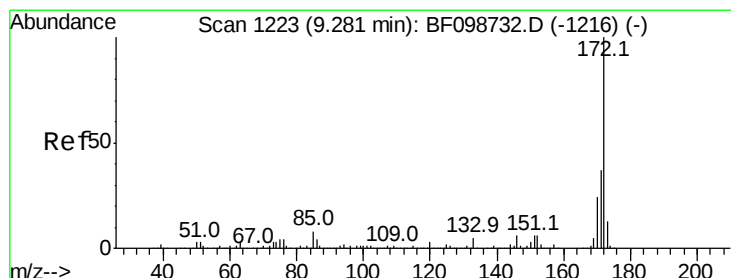
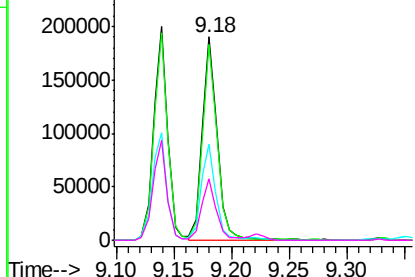
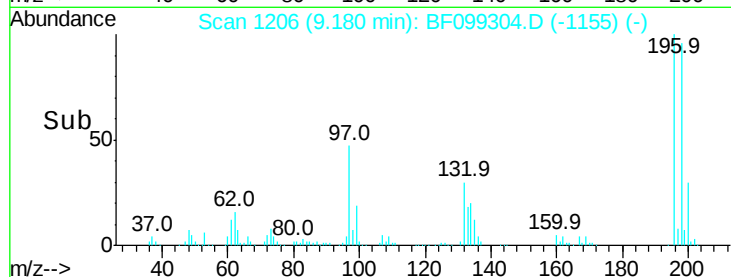
#43
 2,4,5-Trichlorophenol
 Concen: 41.860 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 173659
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.6 112.0
 97 47.1 42.9 64.3
 132 30.4 26.3 39.5

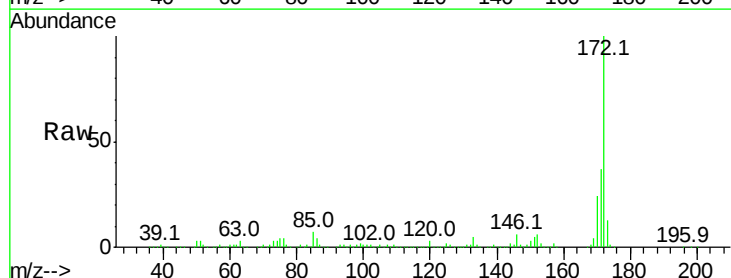


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

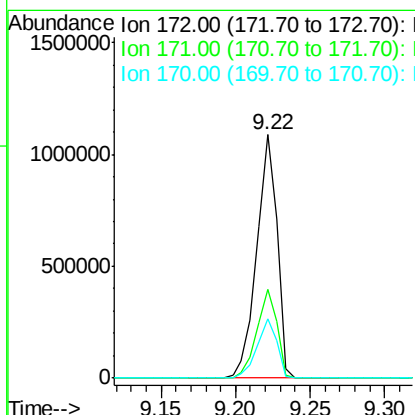
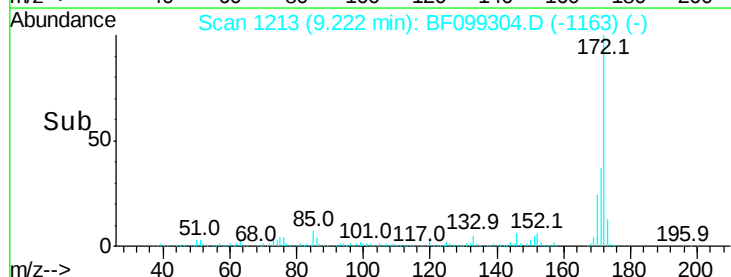


#44
 2-Fluorobiphenyl
 Concen: 86.015 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion:172 Resp: 1013485
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.2 19.6 29.4



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: 42.017 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

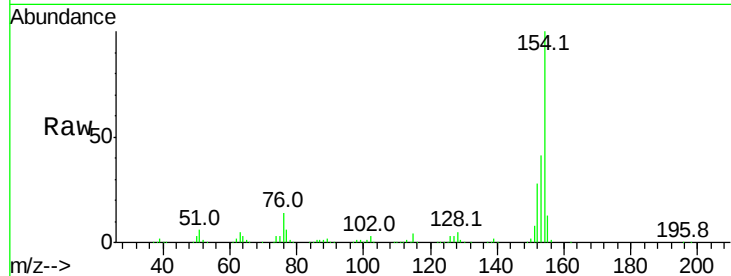
Tot Ion:154 Resp: 710311

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

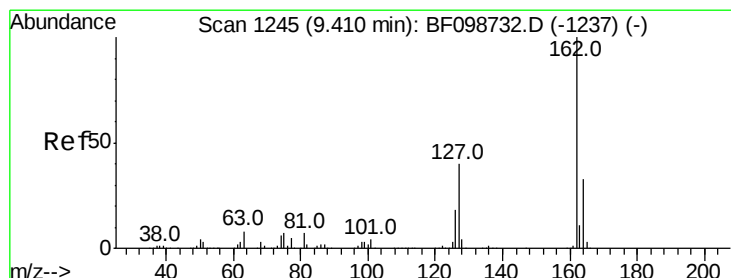
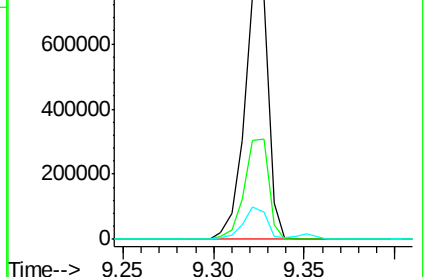
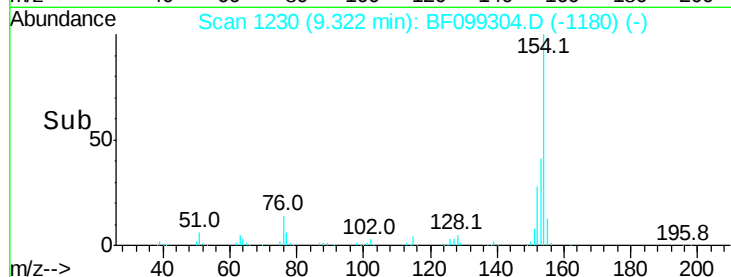
76 13.5 0.0 34.0



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: 41.675 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

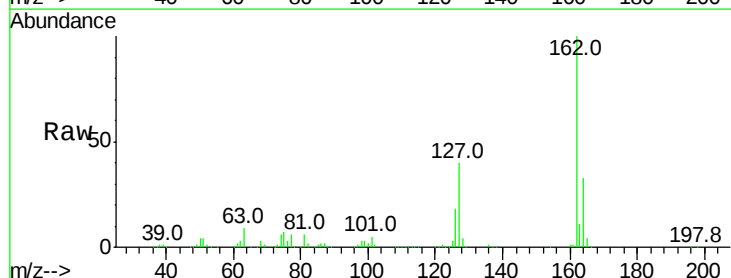
Tgt Ion:162 Resp: 528974

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

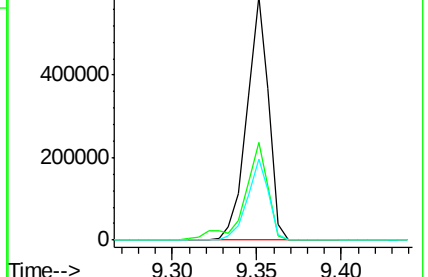
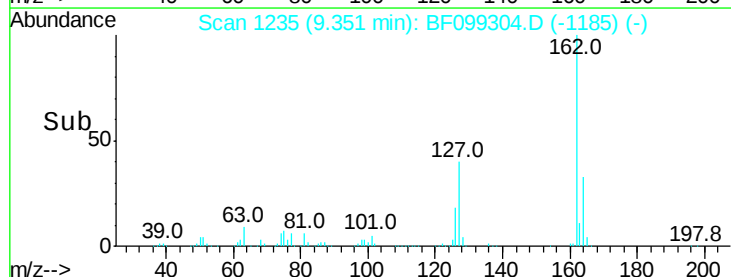
164 33.4 26.5 39.7

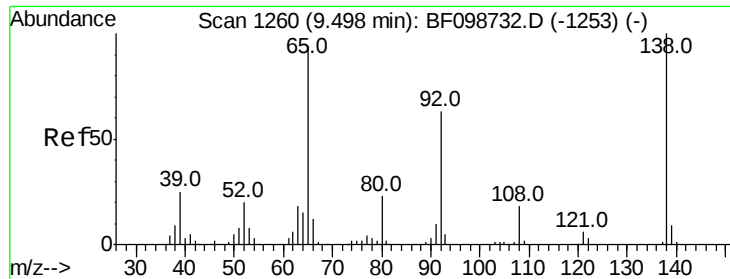


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

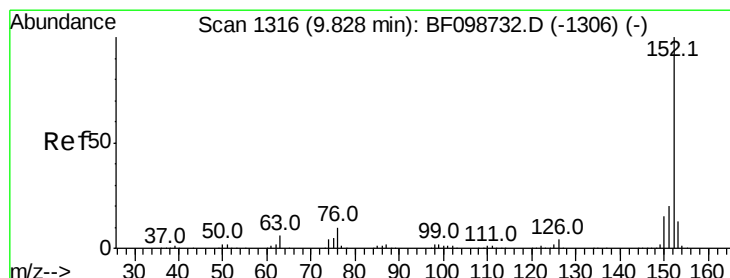
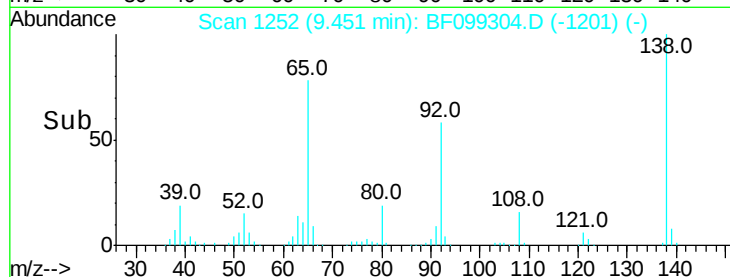
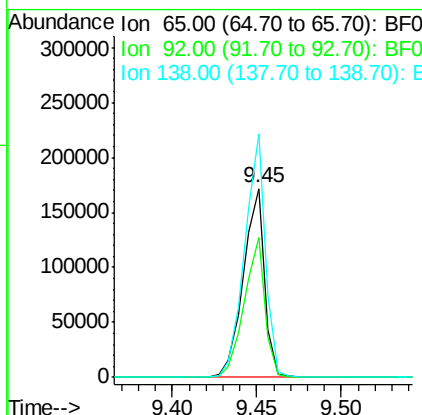
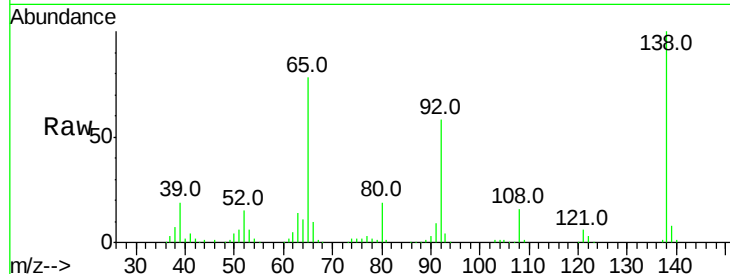




#47
2-Nitroaniline
Concen: 38.734 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

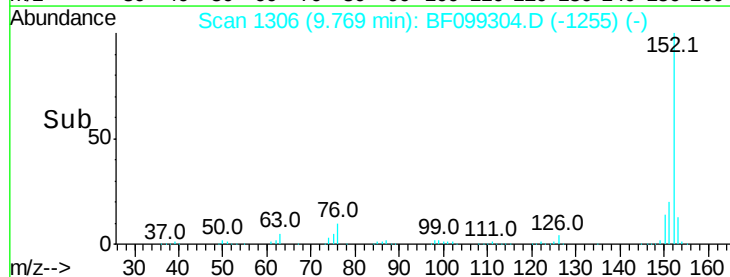
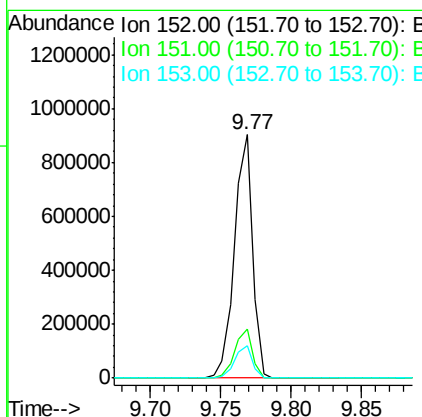
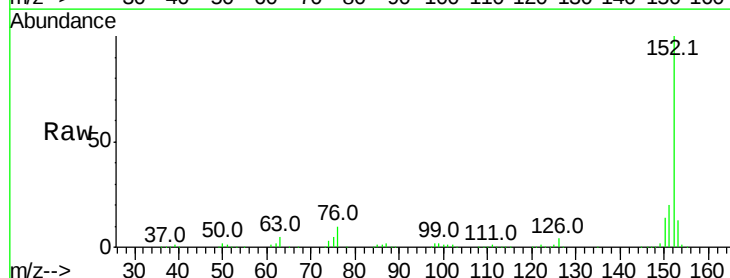
Instrument :
BNA_F
ClientSampleId :

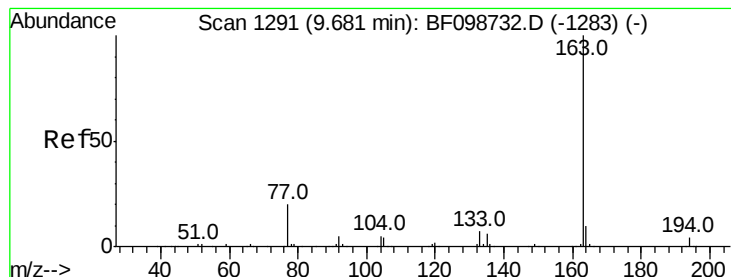
Tot Ion: 65 Resp: 150540
Ion Ratio Lower Upper
65 100
92 74.2 55.8 83.6
138 128.9 91.2 136.8



#48
Acenaphthylene
Concen: 41.513 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion:152 Resp: 806617
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 41.697 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

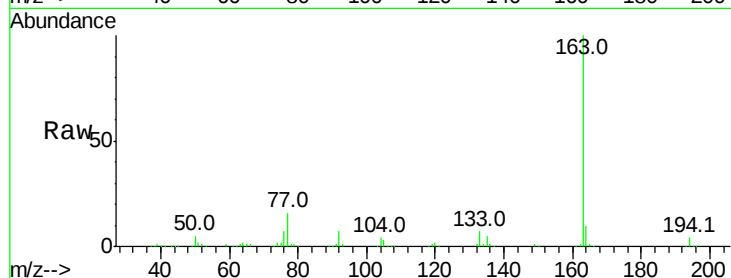
Tot Ion:163 Resp: 619036

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

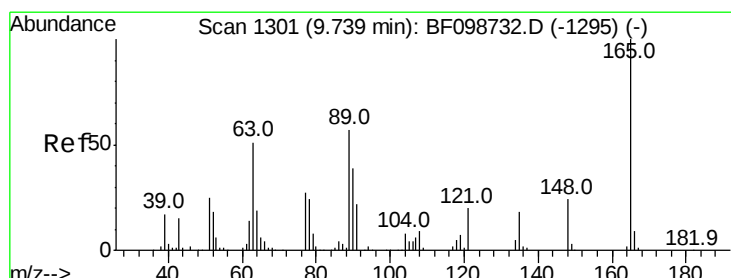
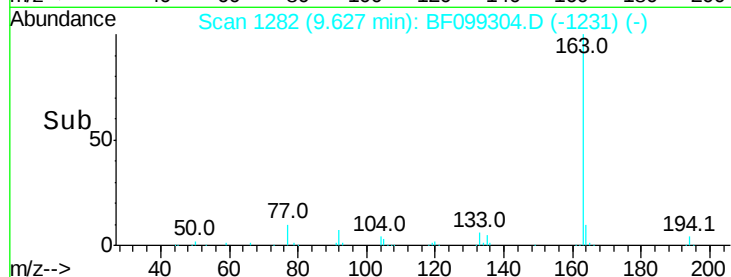
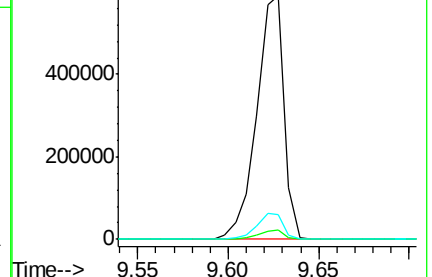
164 10.0 8.2 12.2



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: 43.828 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

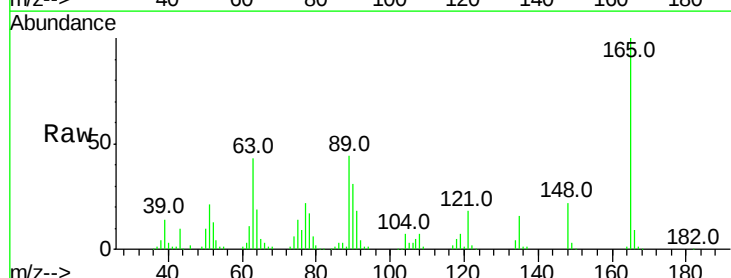
Tgt Ion:165 Resp: 141653

Ion Ratio Lower Upper

165 100

63 43.2 44.7 67.1#

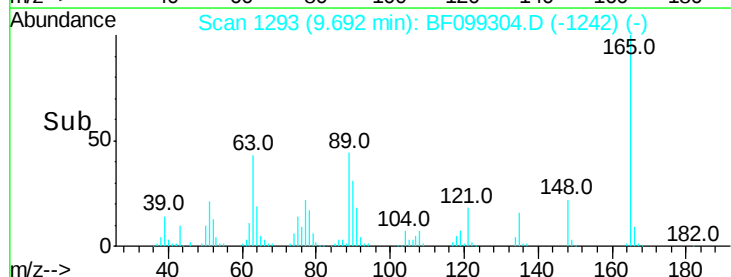
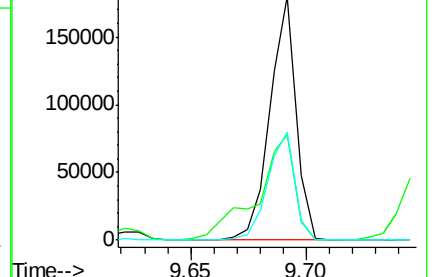
89 44.4 44.0 66.0



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: 38.402 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

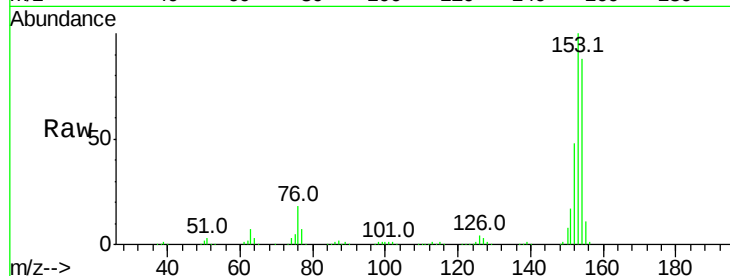
Tot Ion:154 Resp: 472666

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

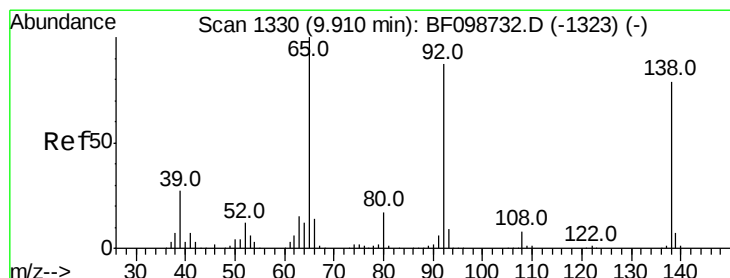
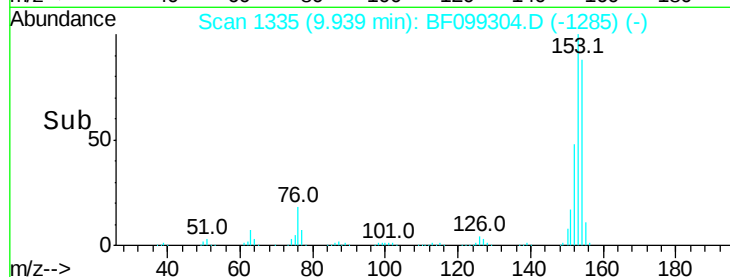
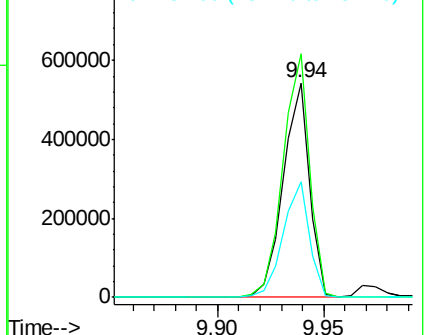
152 54.0 43.8 65.8



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: 42.743 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

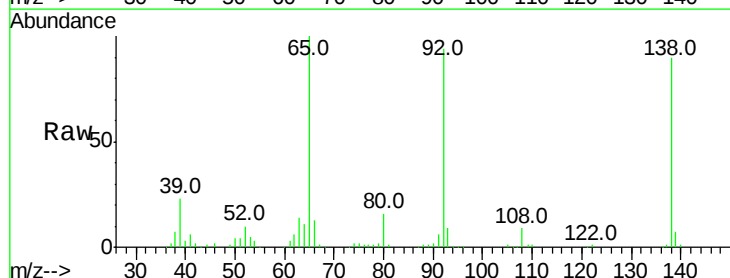
Tgt Ion:138 Resp: 161082

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

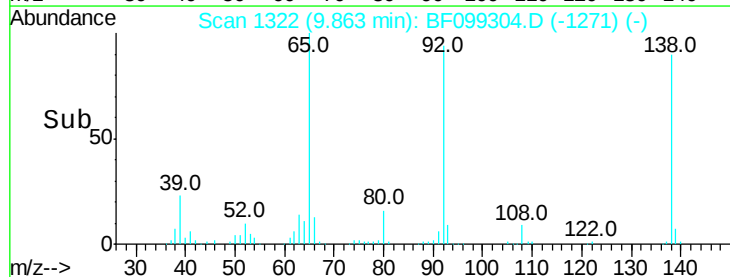
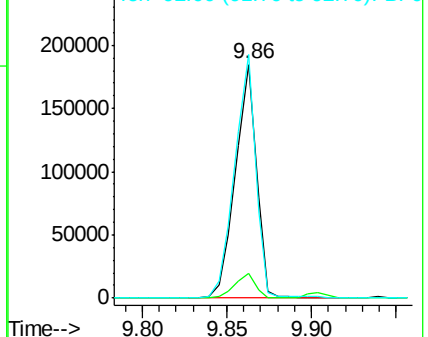
92 104.0 89.4 134.2



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

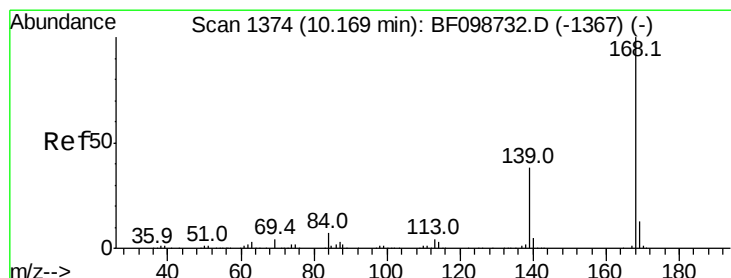
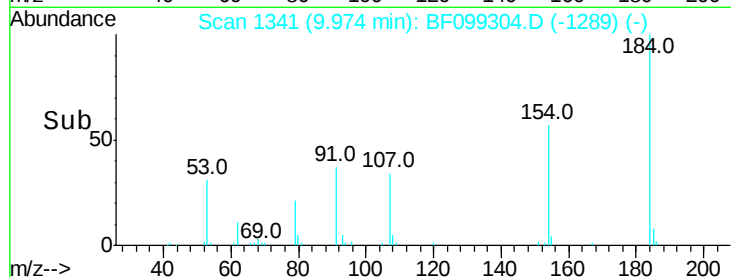
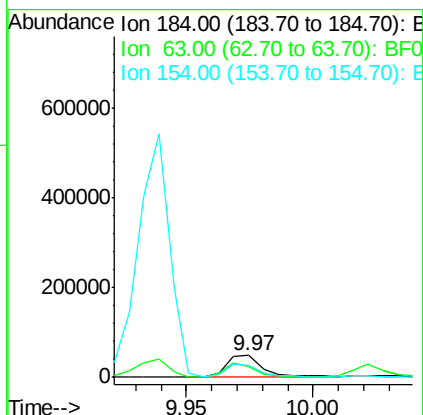
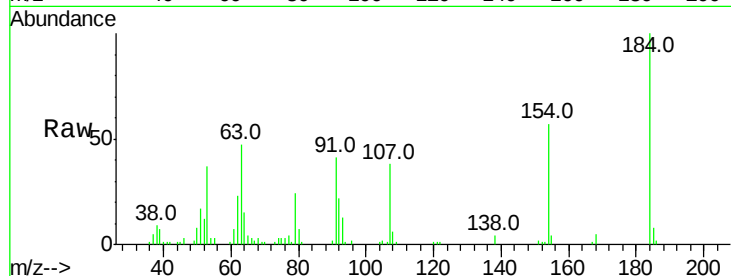




#53
 2,4-Dinitrophenol
 Concen: 32.793 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

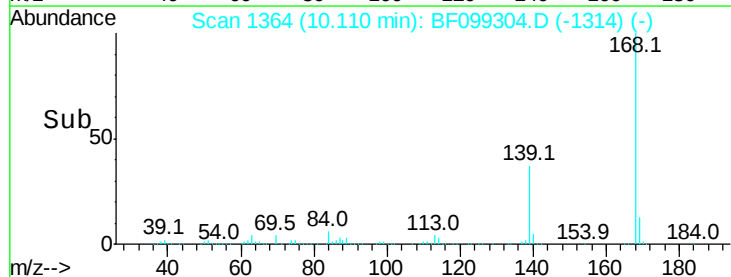
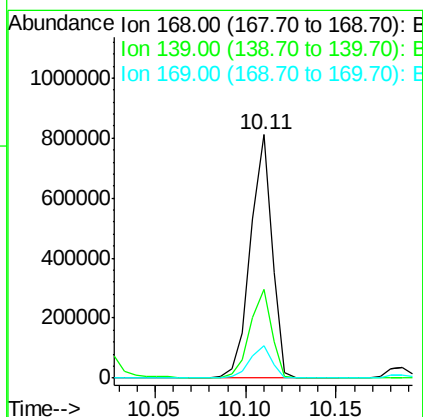
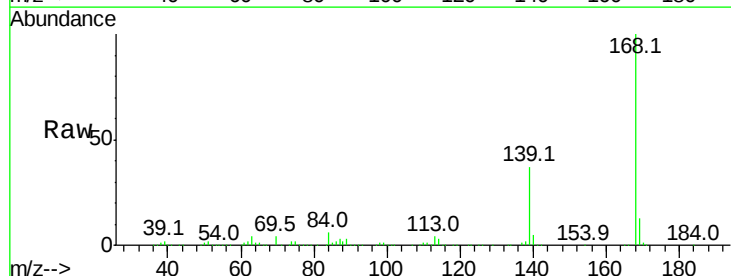
Instrument :
 BNA_F
 ClientSampleId :

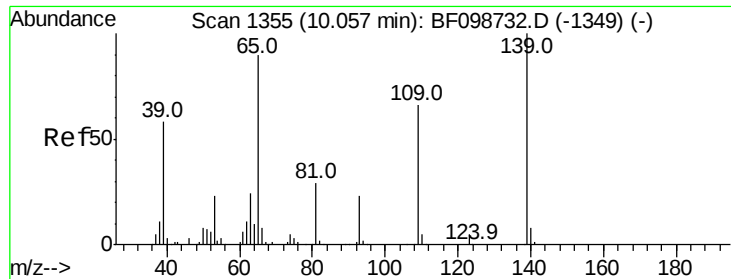
Tot Ion:184 Resp: 48939
 Ion Ratio Lower Upper
 184 100
 63 47.2 54.2 81.2#
 154 57.3 53.5 80.3



#54
 Dibenzofuran
 Concen: 41.019 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion:168 Resp: 672230
 Ion Ratio Lower Upper
 168 100
 139 36.6 30.1 45.1
 169 13.2 10.9 16.3

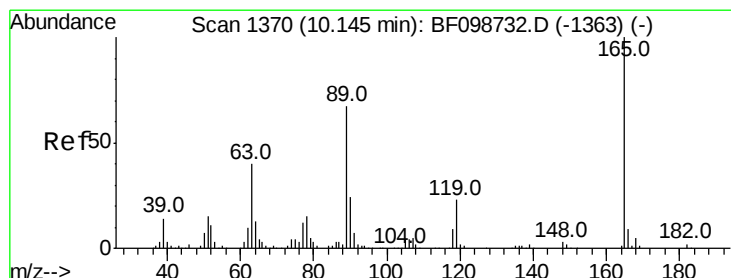
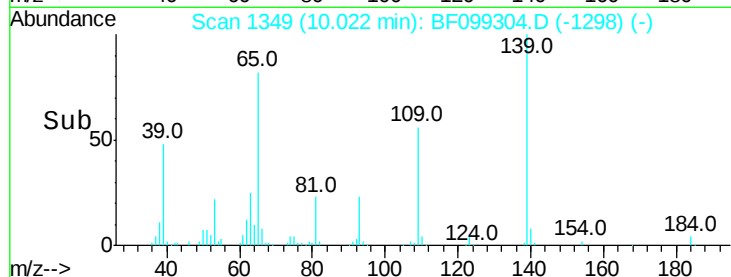
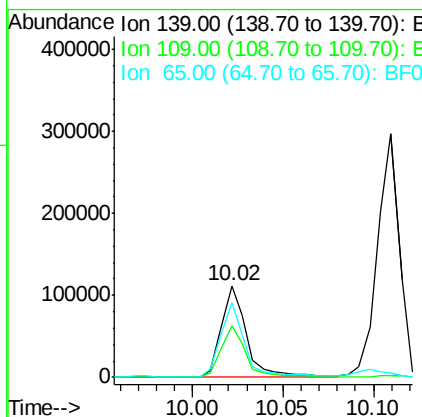
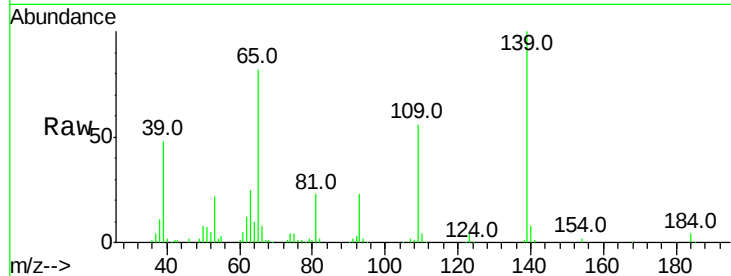




#55
4-Nitrophenol
Concen: 34.320 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

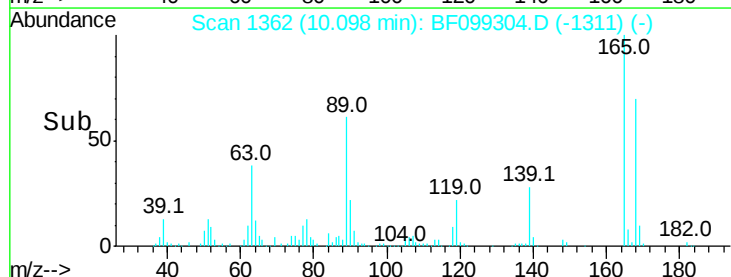
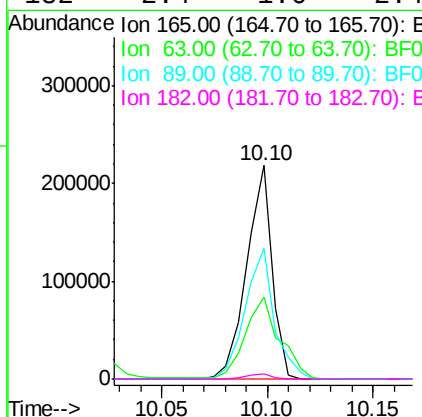
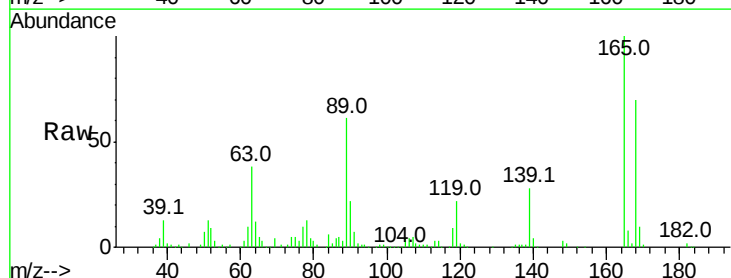
Instrument :
BNA_F
ClientSampleId :

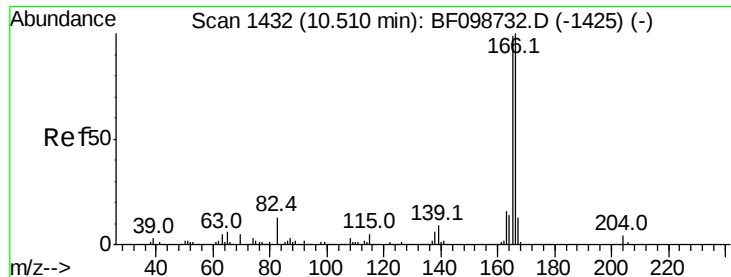
Tot Ion:139 Resp: 109364
Ion Ratio Lower Upper
139 100
109 56.3 48.4 88.4
65 81.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.466 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion:165 Resp: 182322
Ion Ratio Lower Upper
165 100
63 38.2 36.4 54.6
89 61.1 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 42.013 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

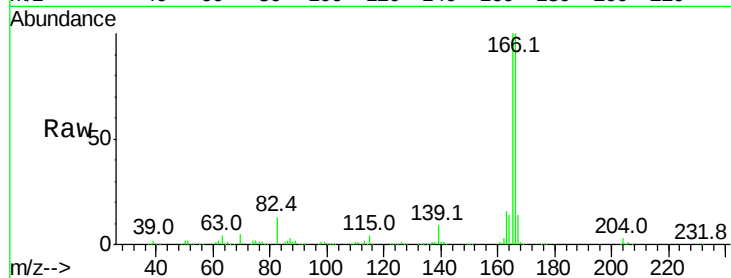
Tot Ion:166 Resp: 553400

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

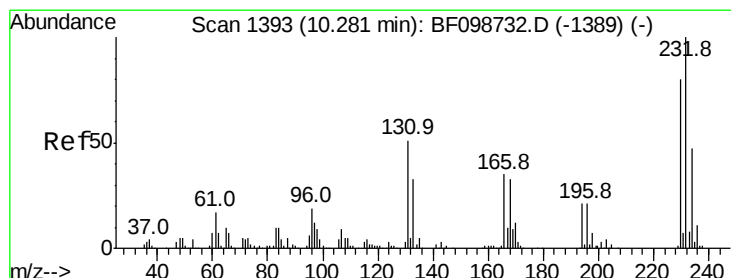
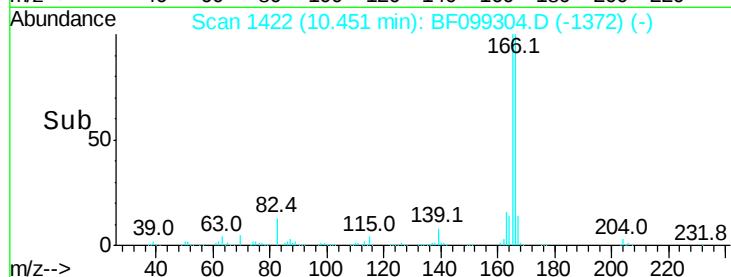
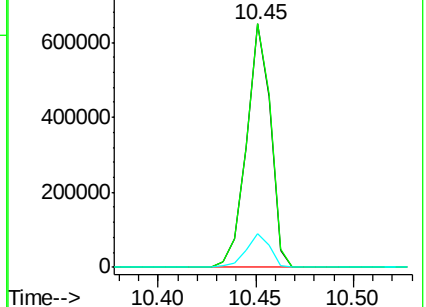
167 13.6 10.6 16.0



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: 40.470 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Tgt Ion:232 Resp: 115978

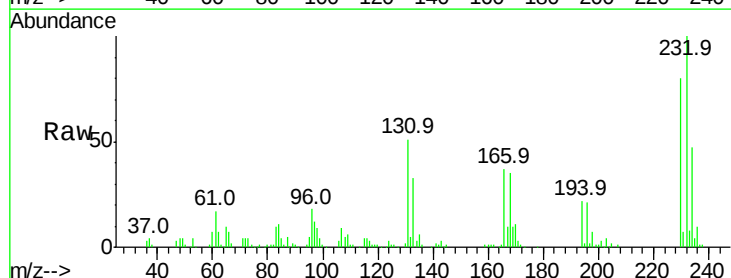
Ion Ratio Lower Upper

232 100

131 52.3 43.8 65.8

130 2.4 2.1 3.1

166 36.8 27.8 41.6

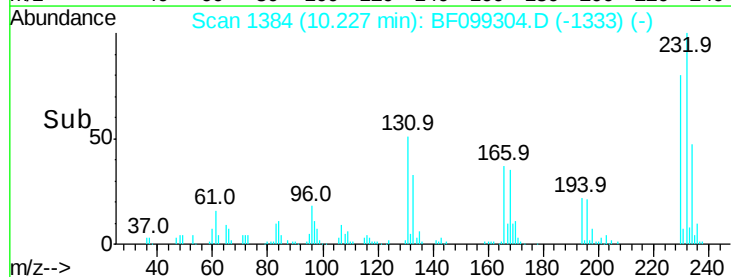
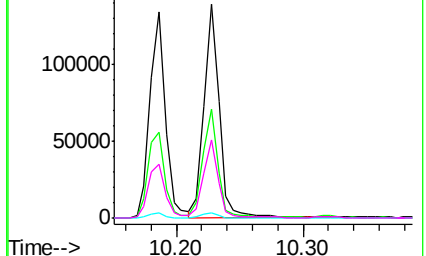


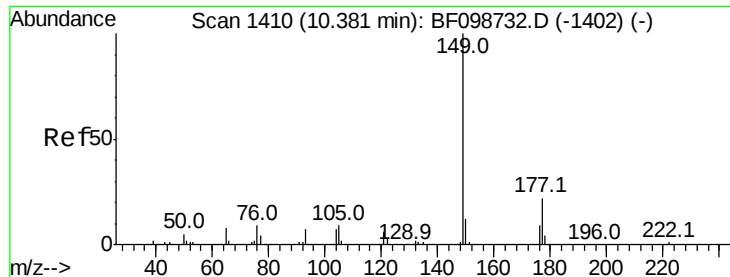
Abundance Ion 232.00 (231.70 to 232.70): E

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

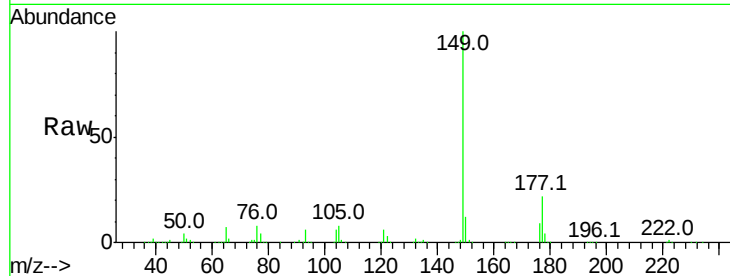




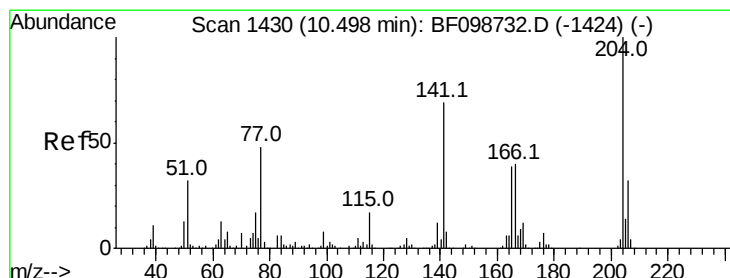
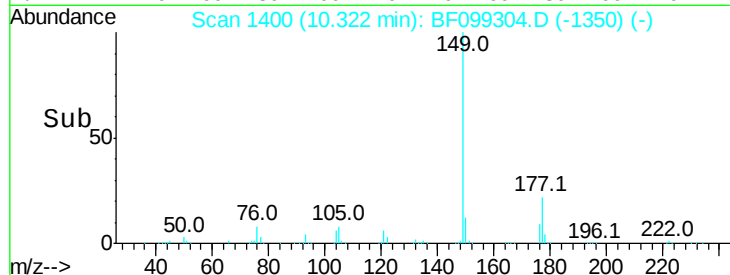
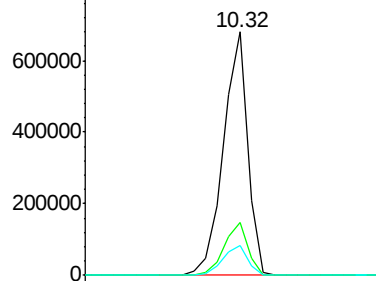
#59
Diethylphthalate
Concen: 40.332 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 585073
Ion Ratio Lower Upper
149 100
177 21.9 16.1 24.1
150 12.3 10.1 15.1

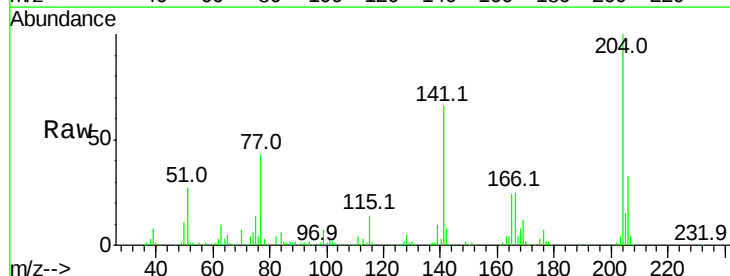


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

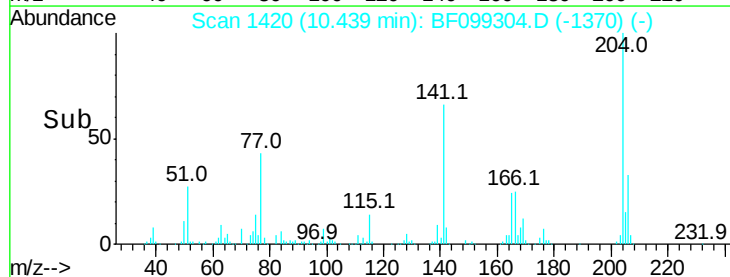
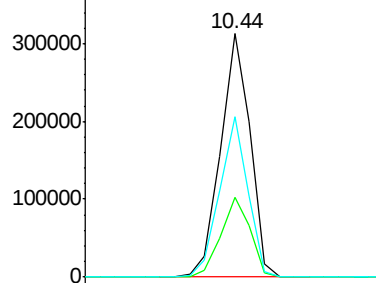


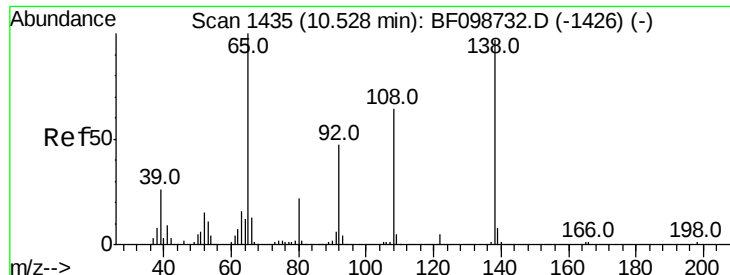
#60
4-Chlorophenyl-phenylether
Concen: 42.664 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion:204 Resp: 252441
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 65.9 54.6 81.8



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

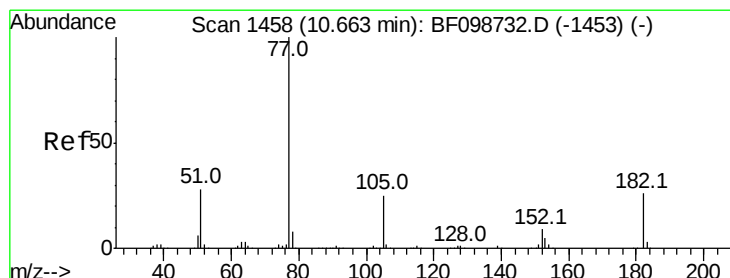
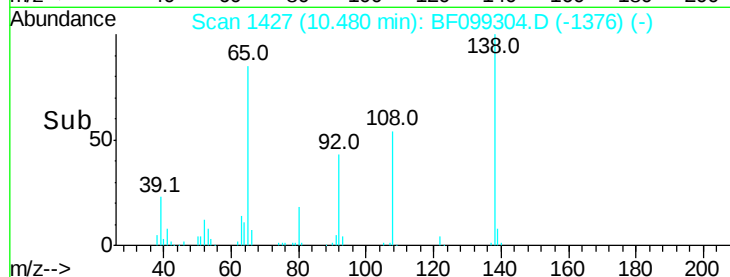
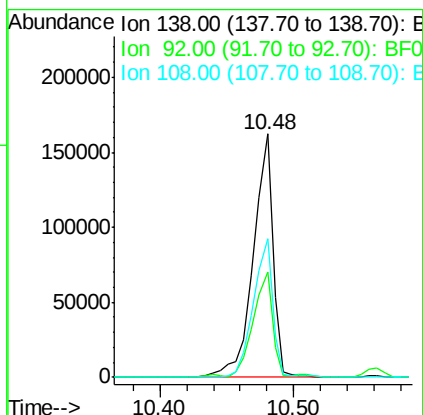
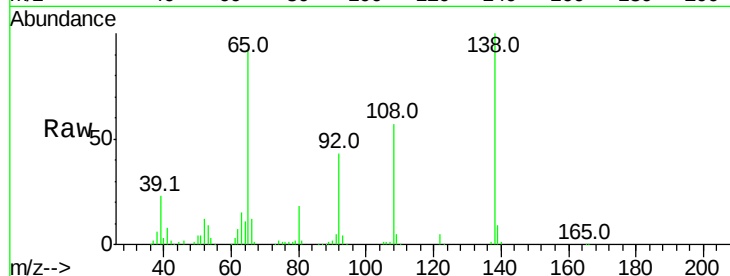




#61
4-Nitroaniline
Concen: 45.125 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

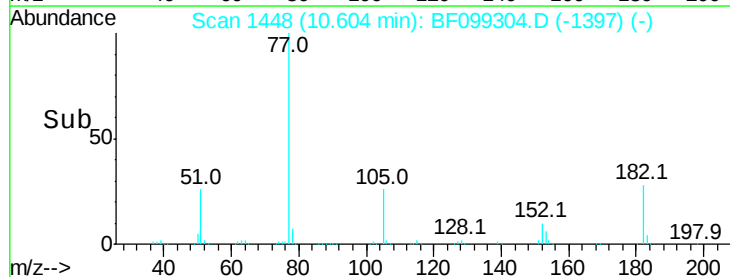
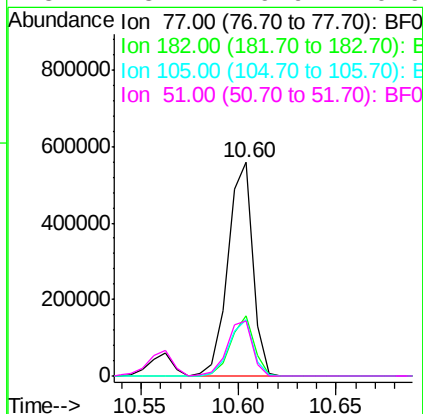
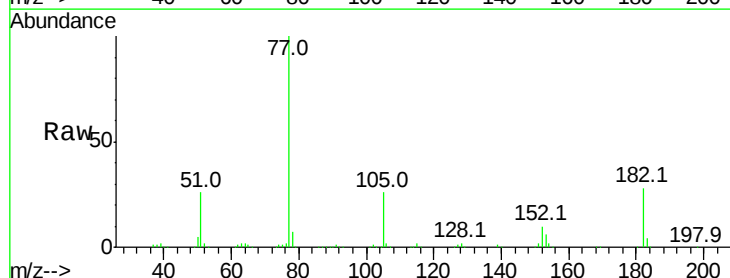
Instrument :
BNA_F
ClientSampled :

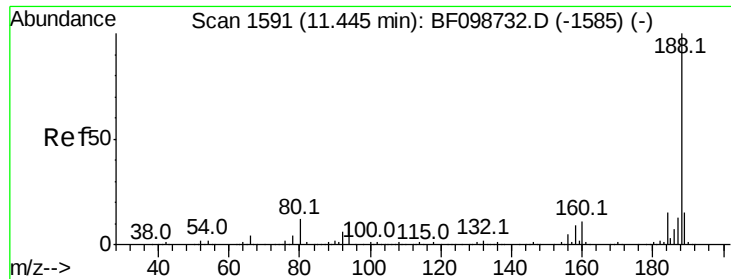
Tot Ion:138 Resp: 164066
Ion Ratio Lower Upper
138 100
92 43.1 30.2 70.2
108 56.8 52.5 92.5



#62
Azobenzene
Concen: 36.869 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion: 77 Resp: 491776
Ion Ratio Lower Upper
77 100
182 28.3 1.7 41.7
105 26.2 3.0 43.0
51 25.7 9.9 49.9

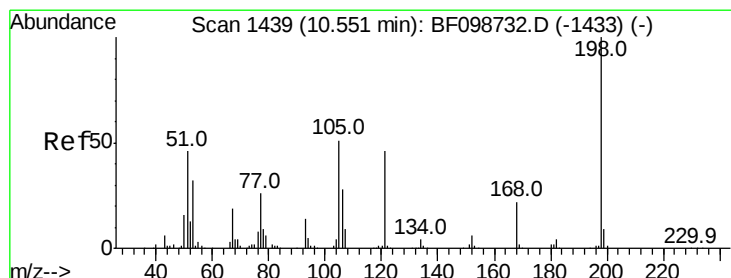
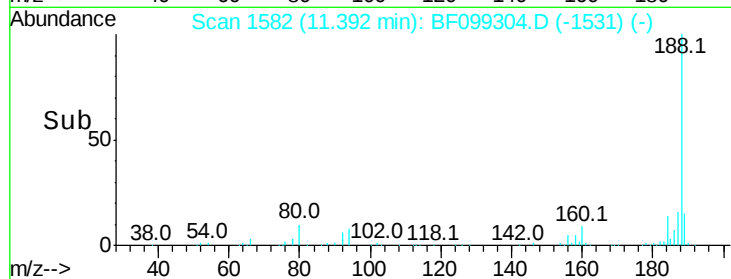
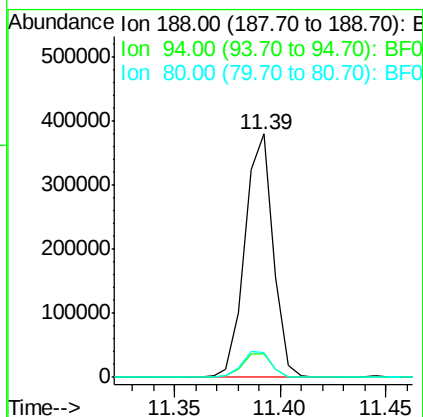
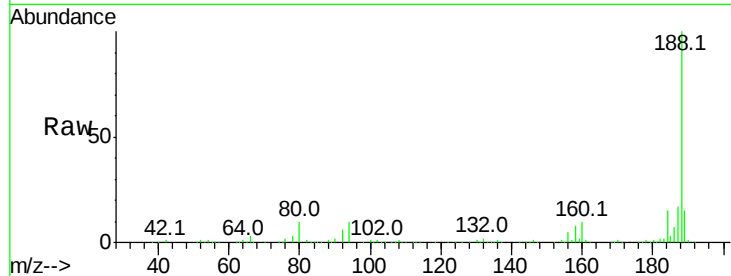




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

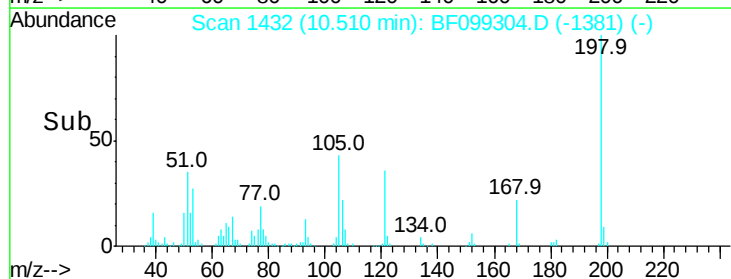
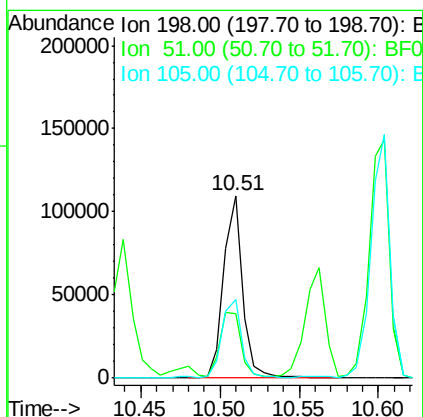
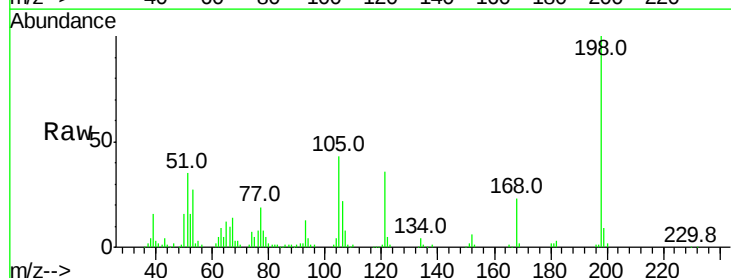
Instrument :
 BNA_F
 ClientSampleId :

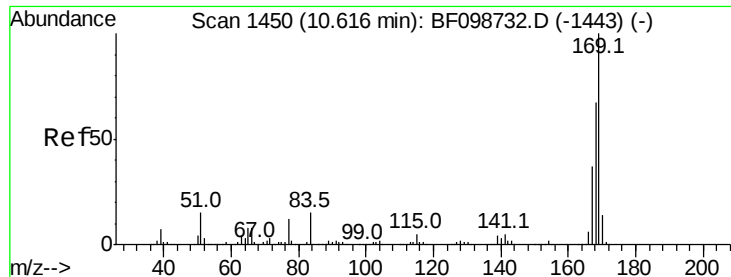
Tot Ion:188 Resp: 352371
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.333 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion:198 Resp: 90758
 Ion Ratio Lower Upper
 198 100
 51 35.1 37.7 77.7#
 105 42.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 41.232 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

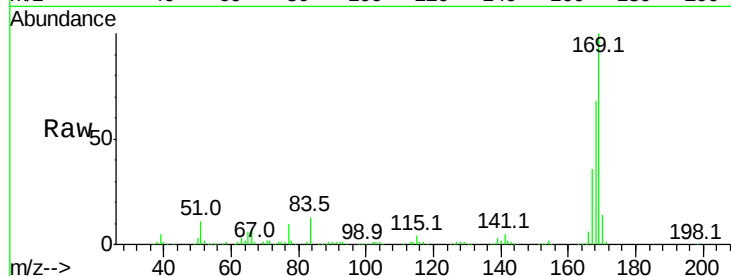
Tot Ion:169 Resp: 503331

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

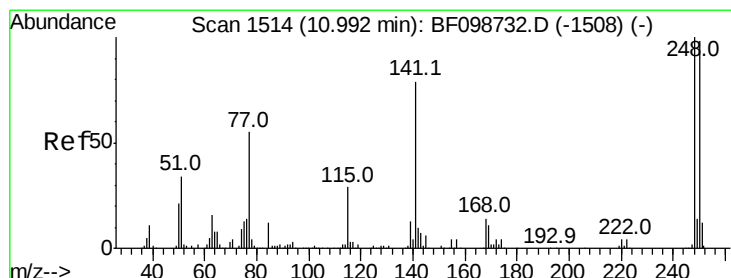
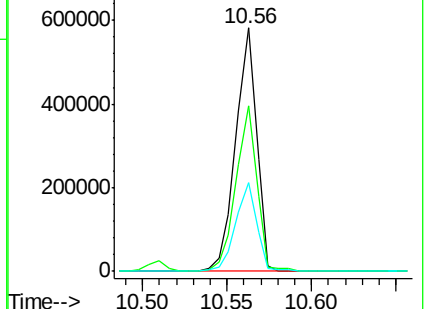
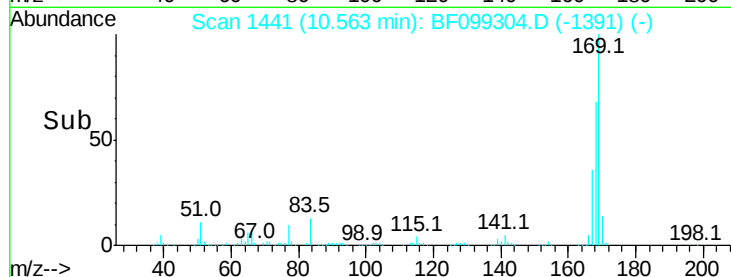
167 36.4 29.8 44.6



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: 42.156 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

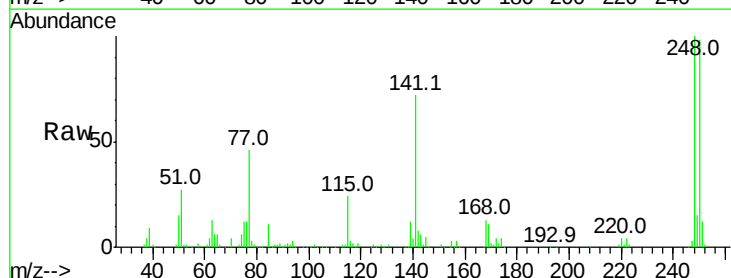
Tgt Ion:248 Resp: 145401

Ion Ratio Lower Upper

248 100

250 98.1 76.9 115.3

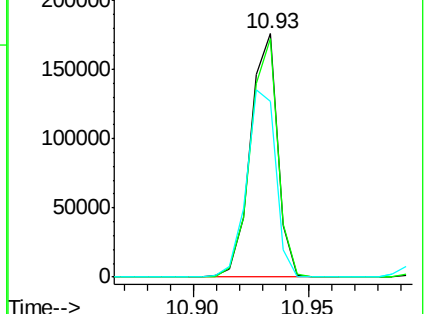
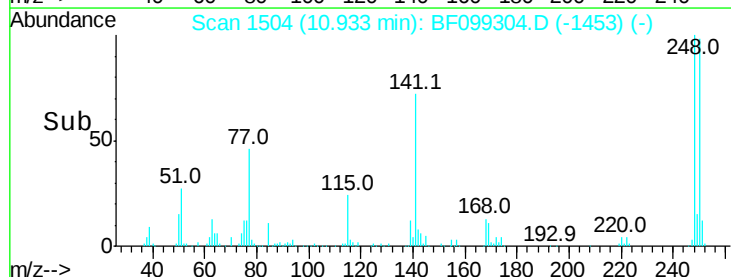
141 72.2 74.4 111.6#



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

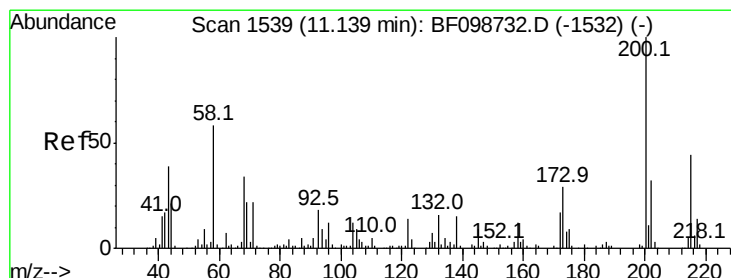
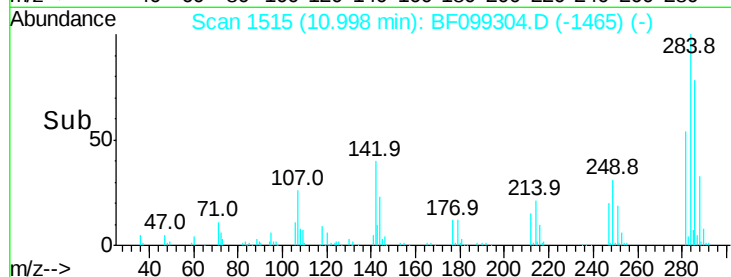
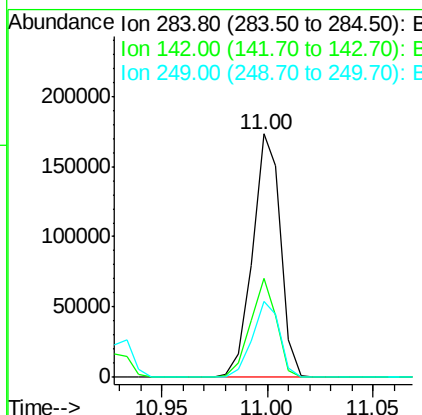
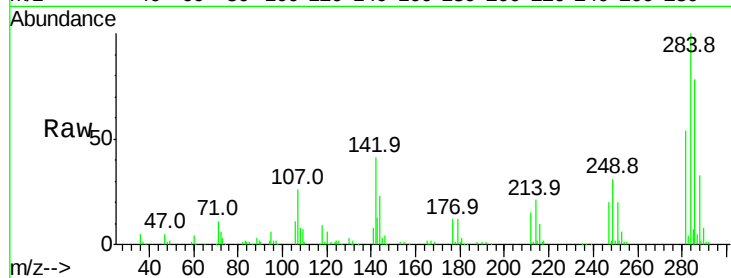




#67
Hexachlorobenzene
Concen: 43.111 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

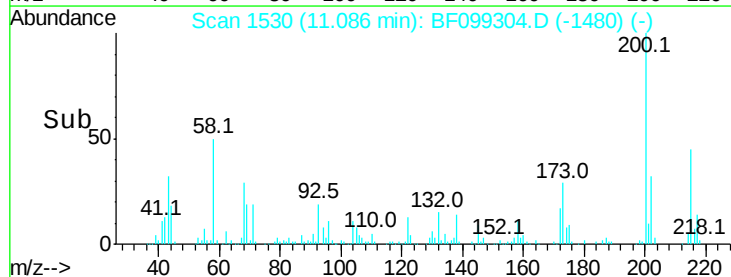
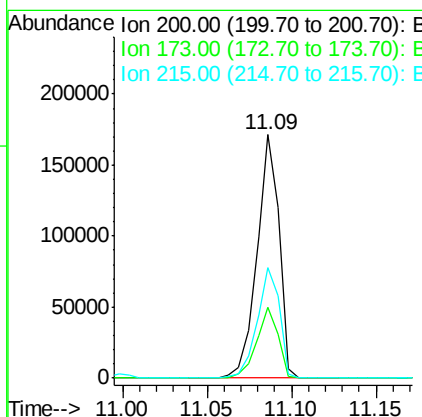
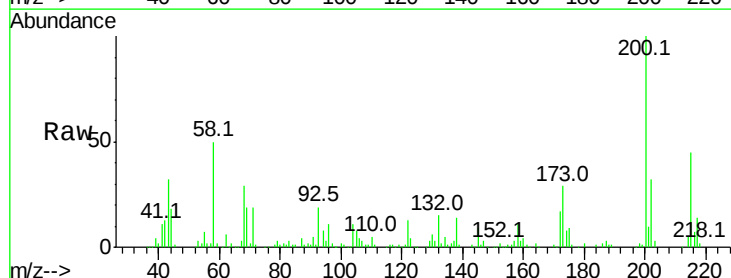
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.6	34.6	52.0
249	31.3	24.8	37.2



#68
Atrazine
Concen: 42.549 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	8.6	48.6
215	45.2	25.1	65.1

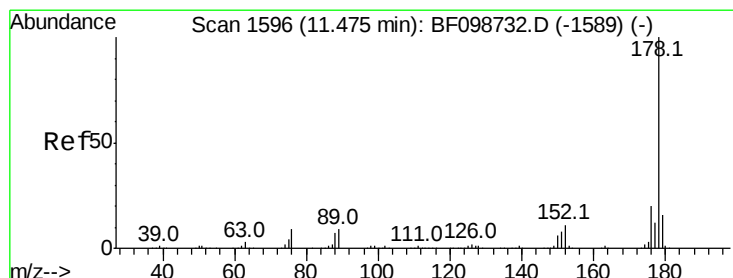
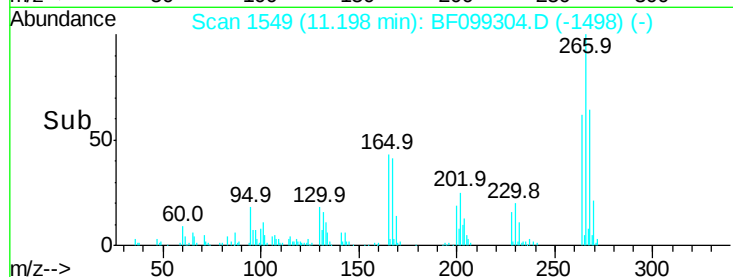
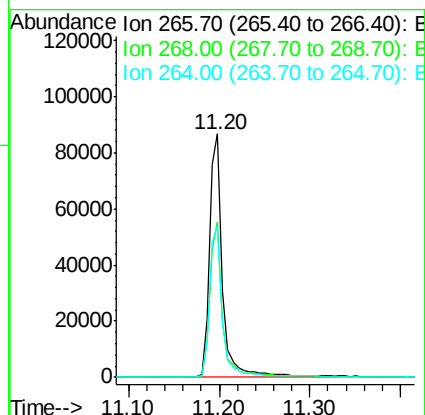
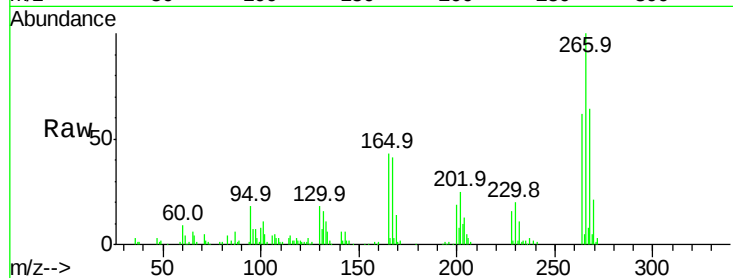




#69
 Pentachlorophenol
 Concen: 38.951 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

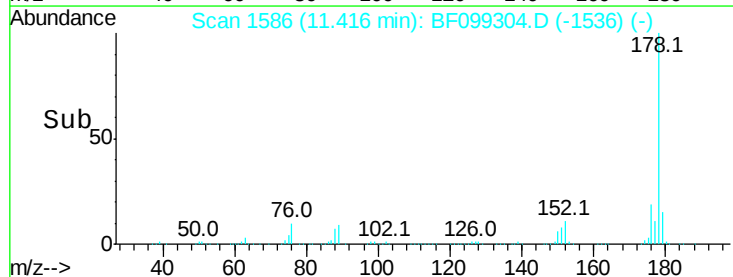
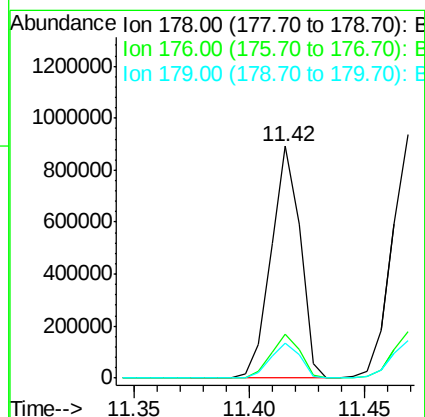
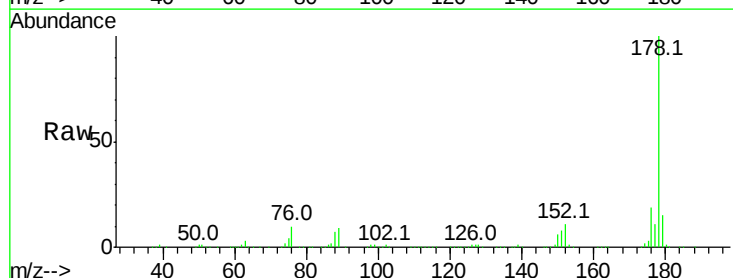
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 89301
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 62.4 49.5 74.3



#70
 Phenanthrene
 Concen: 41.436 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion:178 Resp: 781548
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.3 13.0 19.6

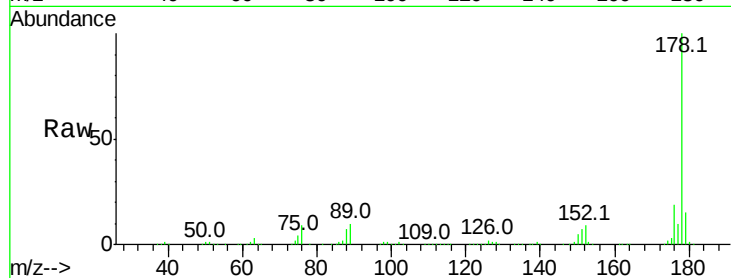




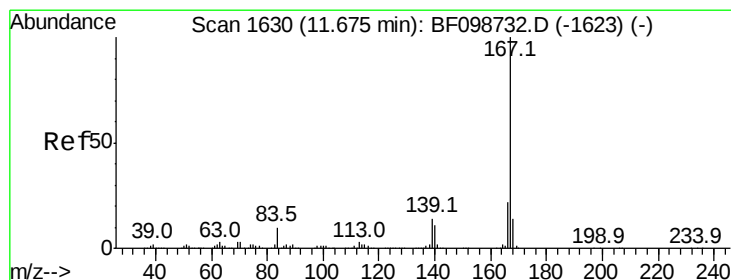
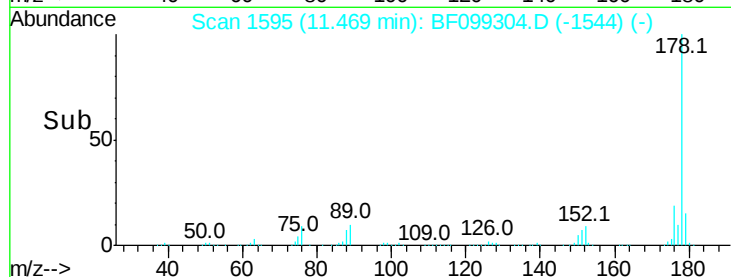
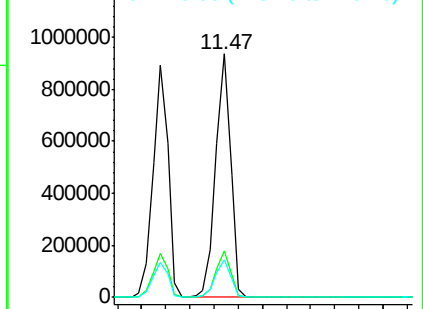
#71
 Anthracene
 Concen: 41.276 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 796573
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.4 12.6 19.0

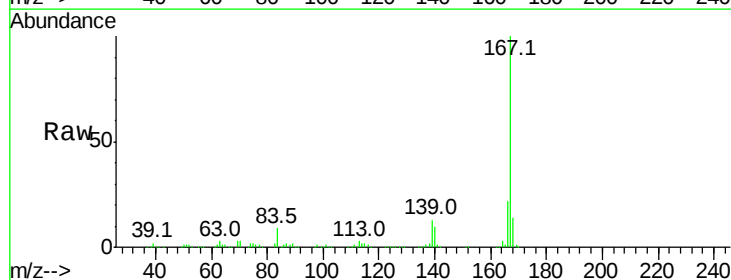


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

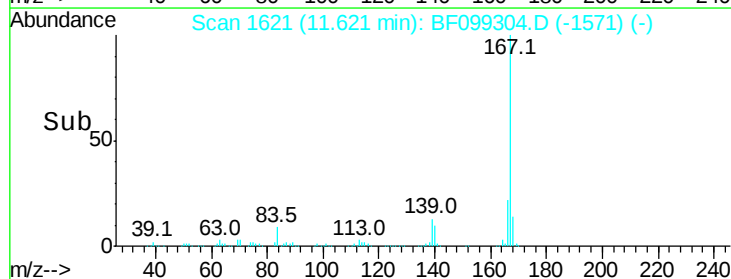
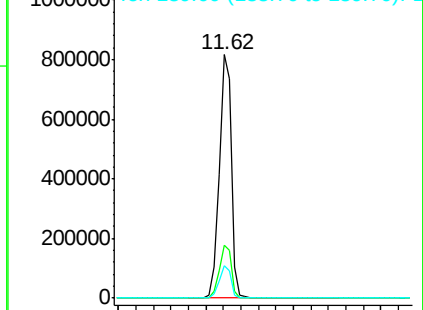


#72
 Carbazole
 Concen: 41.377 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion:167 Resp: 781983
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.4 10.9 16.3



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

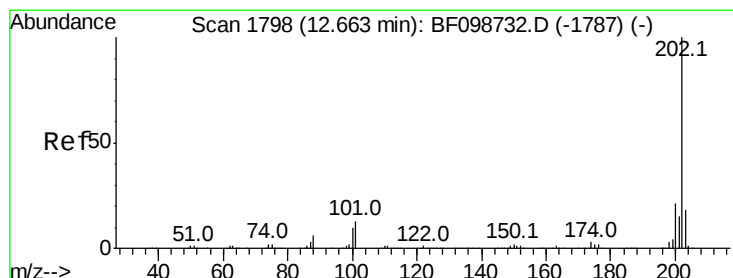
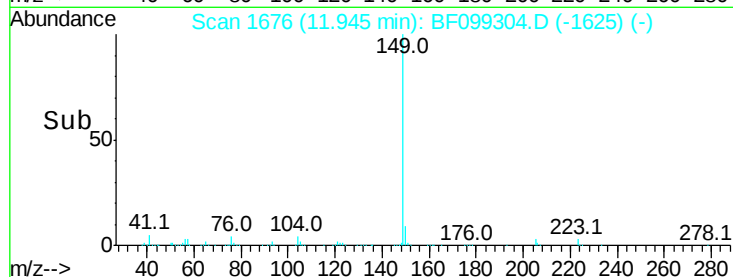
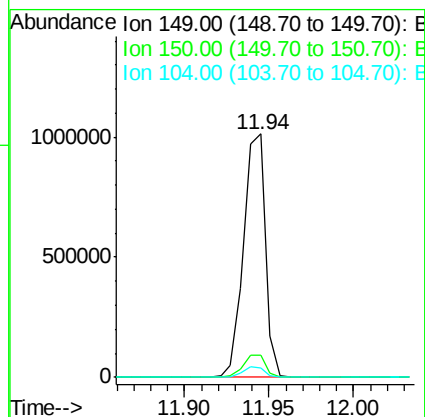
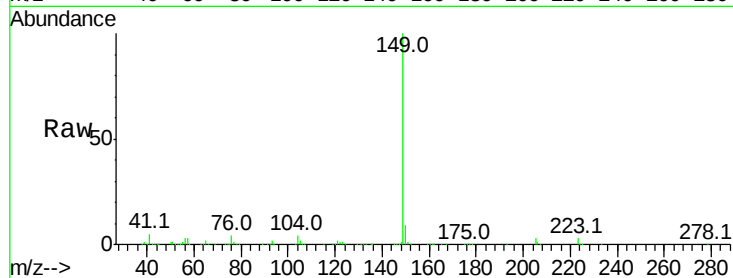




#73
Di-n-butylphthalate
Concen: 40.235 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

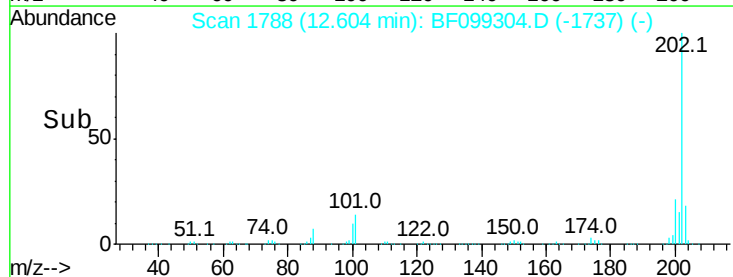
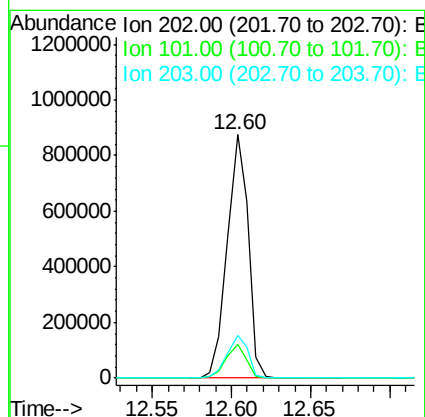
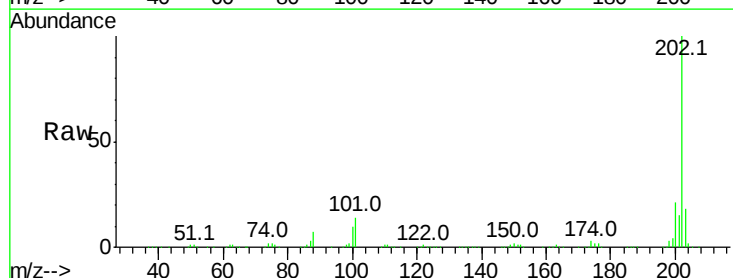
Instrument :
BNA_F
ClientSampleId :

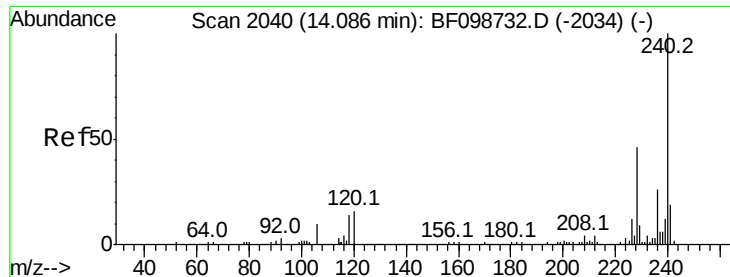
Tot Ion:149 Resp: 915268
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.1 3.8 5.8



#74
Fluoranthene
Concen: 41.925 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion:202 Resp: 800747
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.1
203 17.6 0.0 38.1

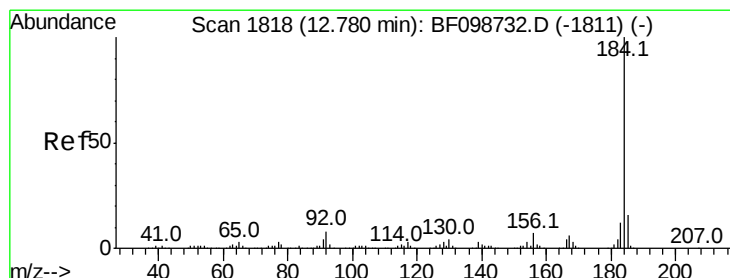
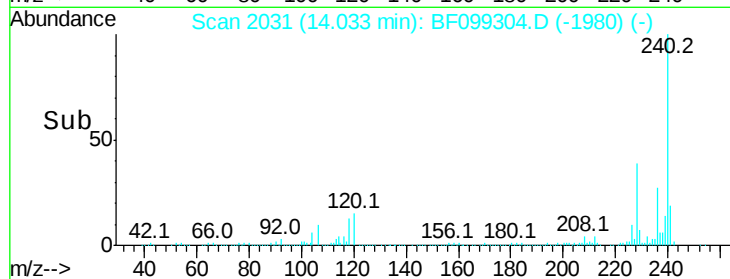
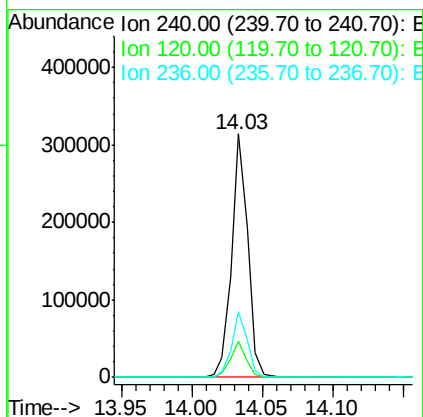
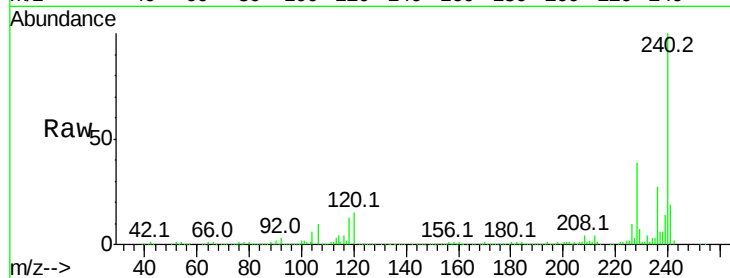




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

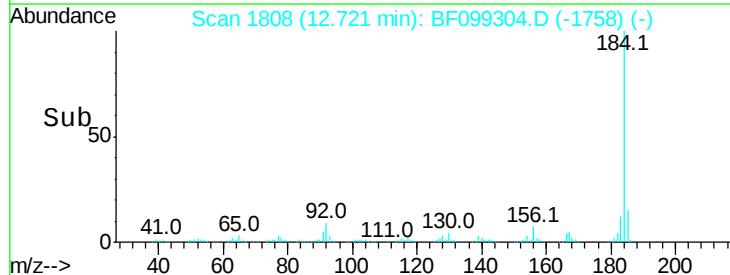
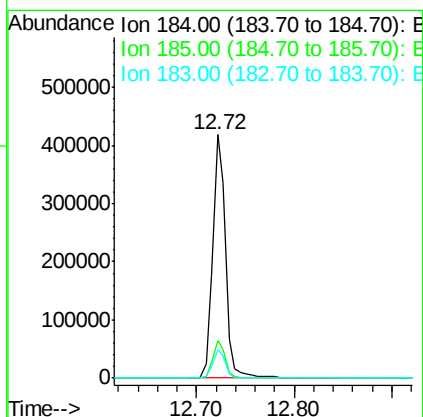
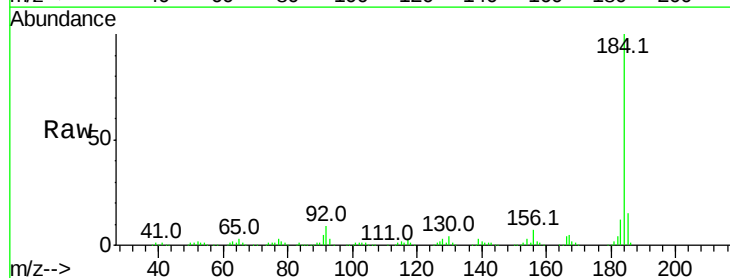
Instrument :
BNA_F
ClientSampleId :

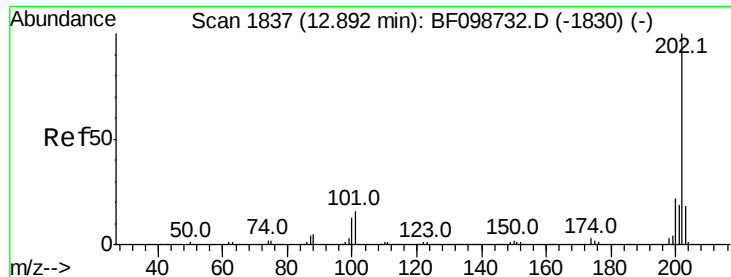
Tot Ion:240 Resp: 250880
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 26.8 20.7 31.1



#76
Benzidine
Concen: 41.147 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion:184 Resp: 381808
Ion Ratio Lower Upper
184 100
185 15.2 12.6 18.8
183 12.0 9.3 13.9





#77

Pvrene

Concen: 42.755 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

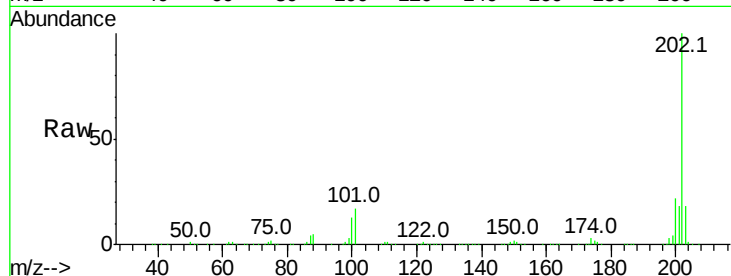
Tot Ion:202 Resp: 817932

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

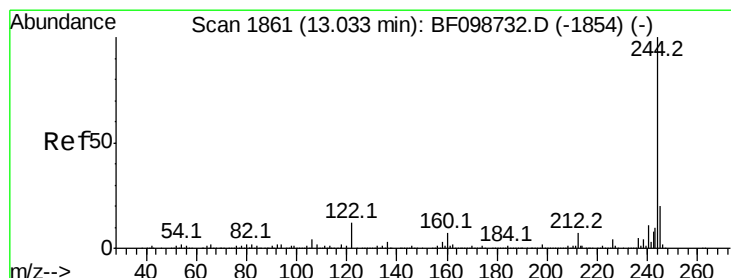
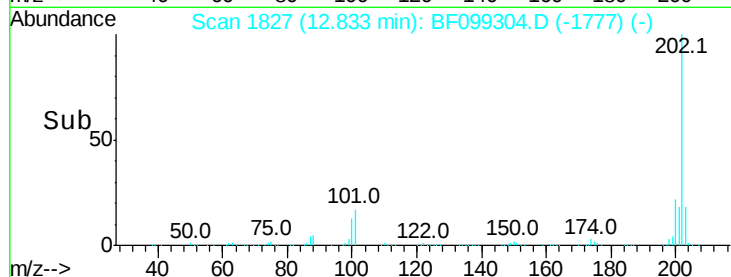
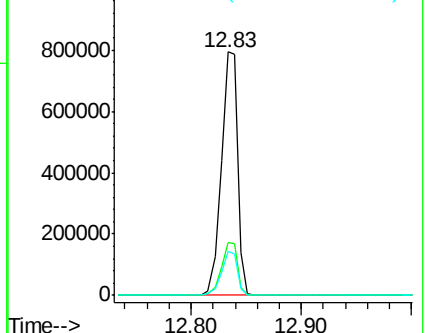
203 17.9 14.3 21.5



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: 87.774 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

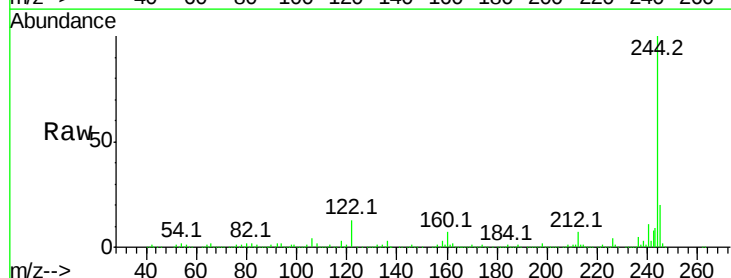
Tgt Ion:244 Resp: 968289

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

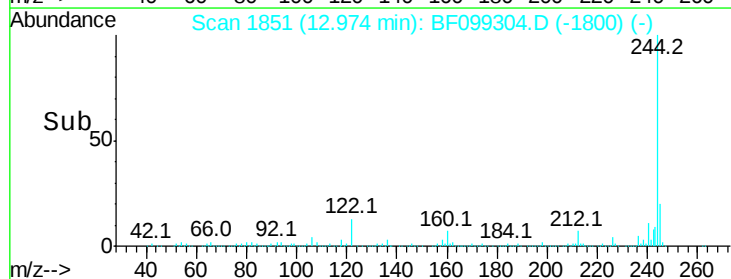
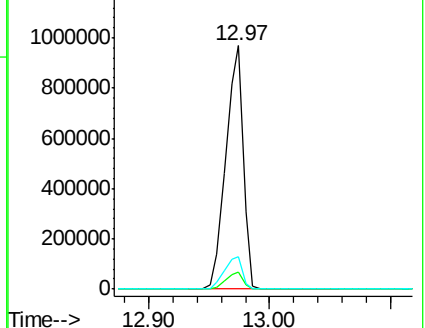
122 13.1 11.0 16.4

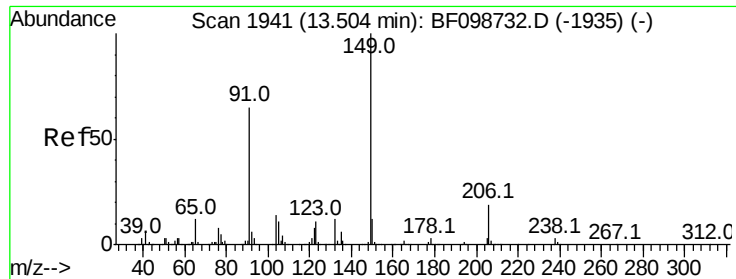


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

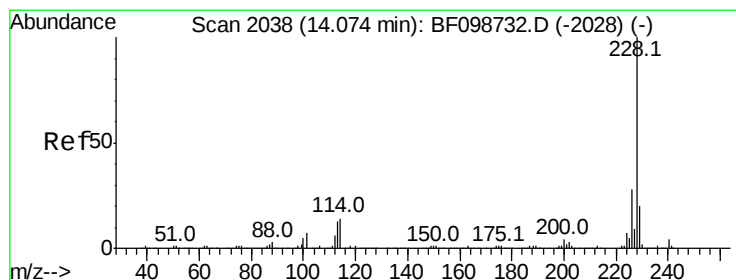
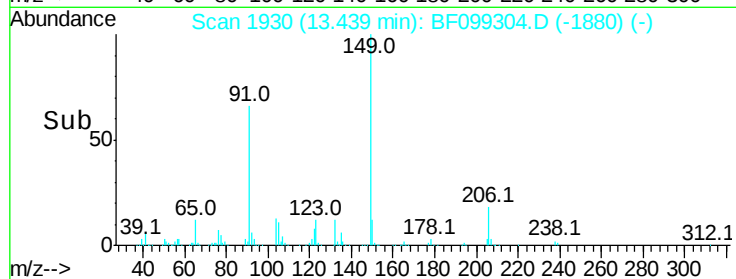
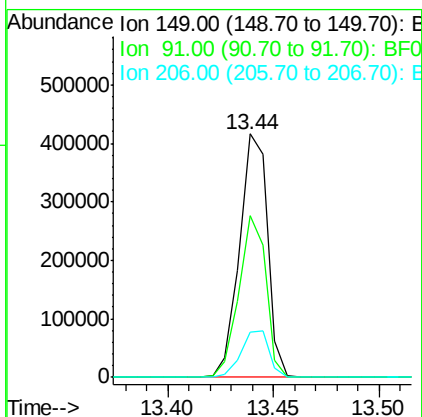
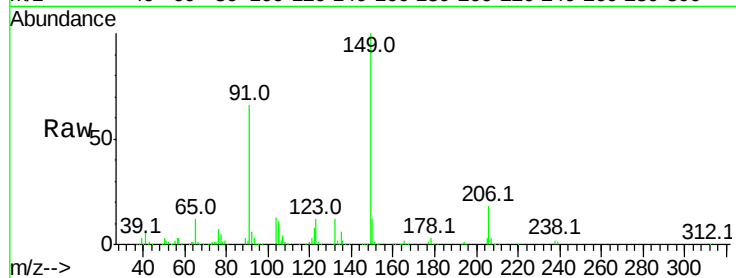




#79
Butylbenzylphthalate
Concen: 42.622 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

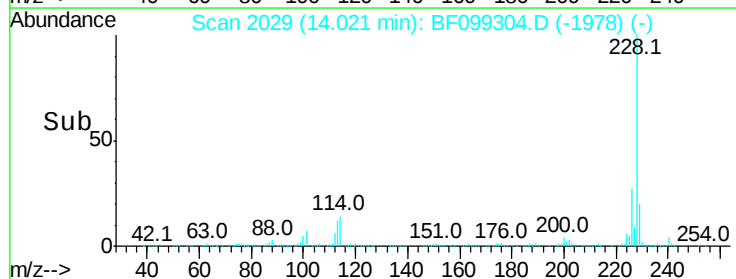
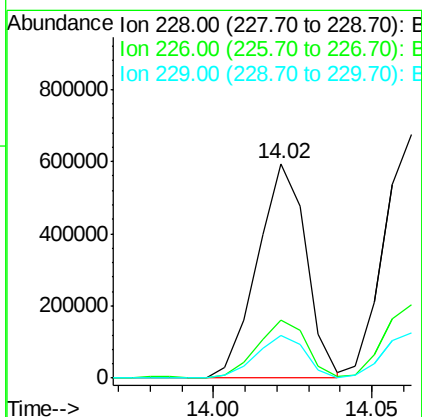
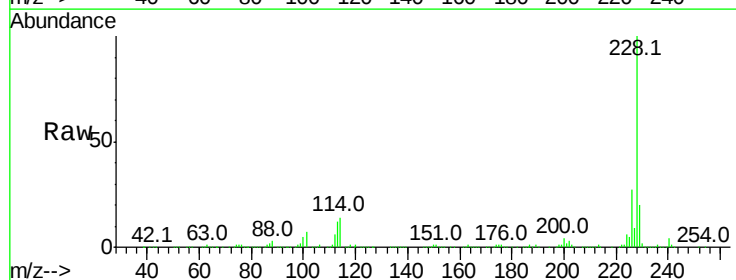
Instrument :
BNA_F
ClientSampleId :

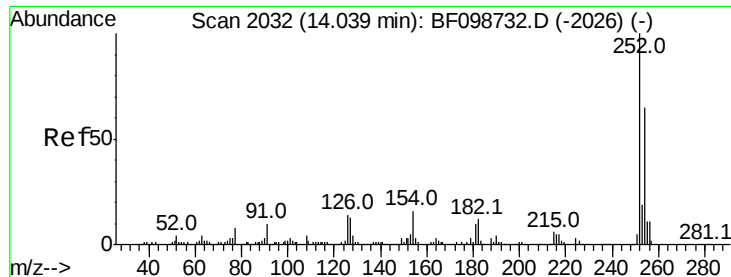
Tot Ion:149 Resp: 383213
Ion Ratio Lower Upper
149 100
91 66.3 56.8 85.2
206 18.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.831 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion:228 Resp: 635467
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 19.7 15.8 23.6

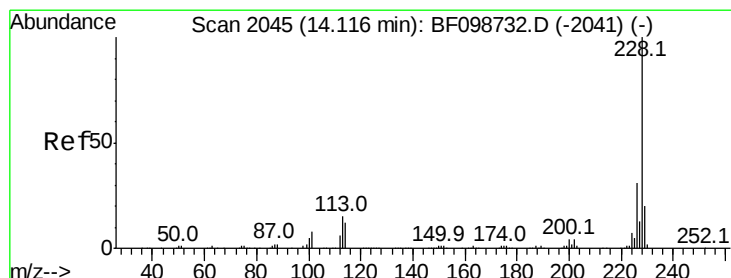
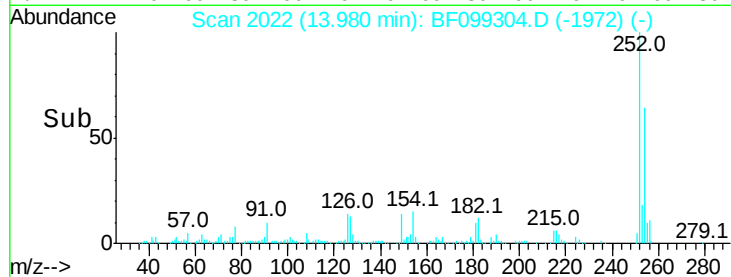
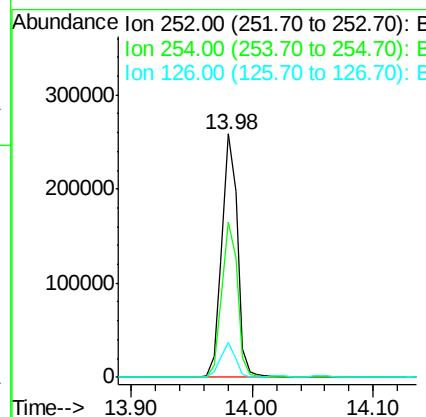




#81
 3,3'-Dichlorobenzidine
 Concen: 41.124 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

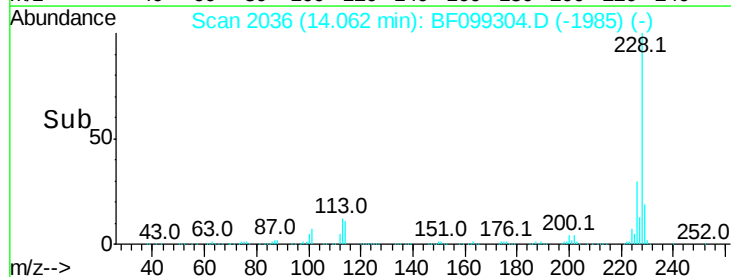
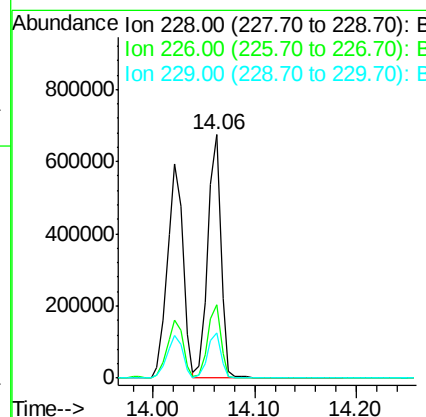
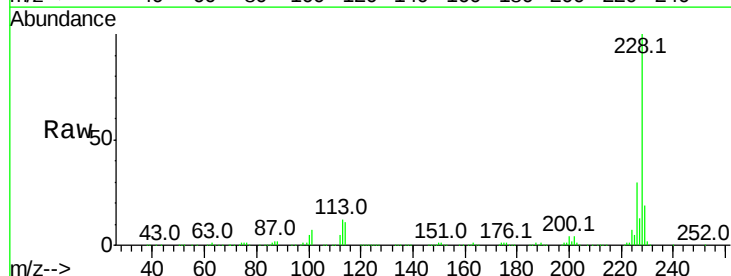
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	14.1	11.3	16.9



#82
 Chrysene
 Concen: 42.004 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	18.8	16.2	24.4

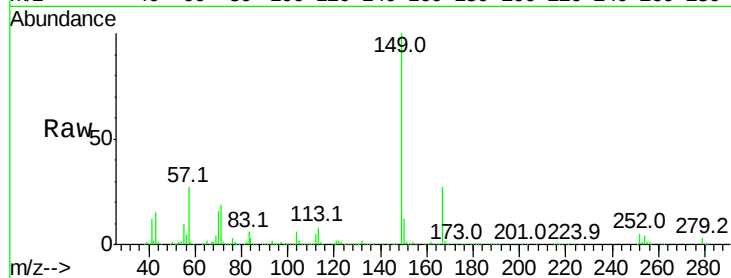




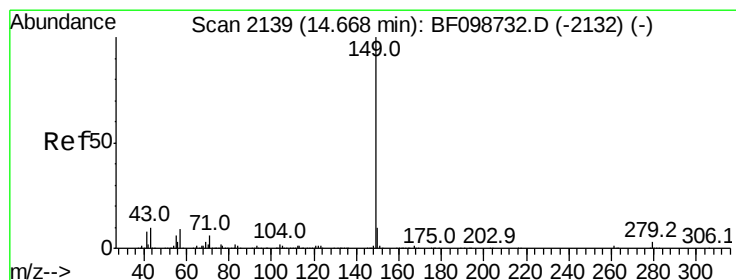
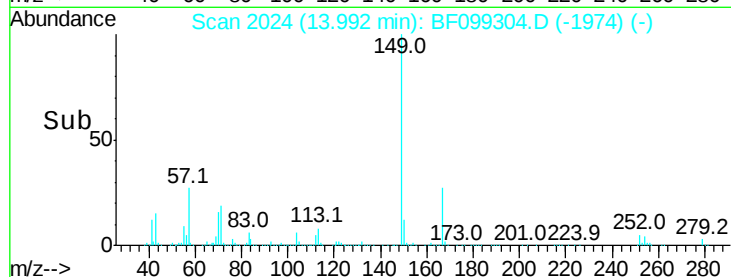
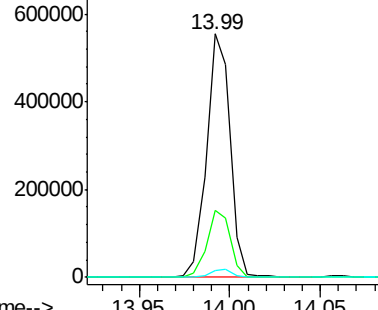
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.351 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	2.7	3.0	4.4#

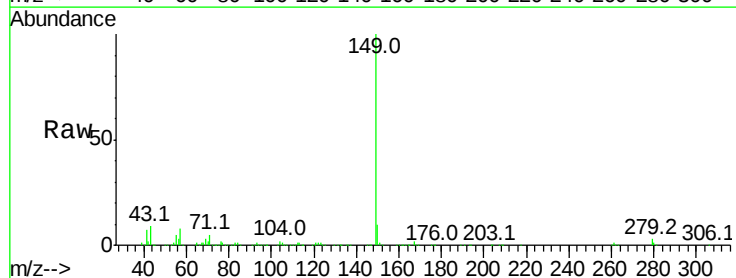


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

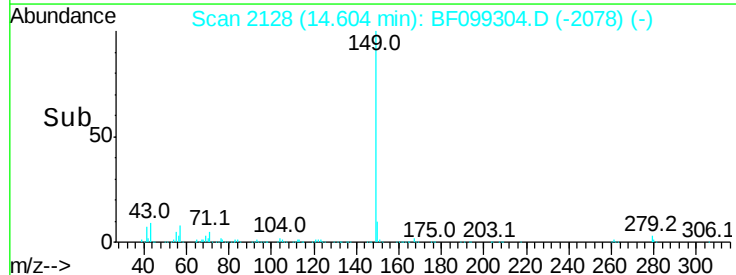
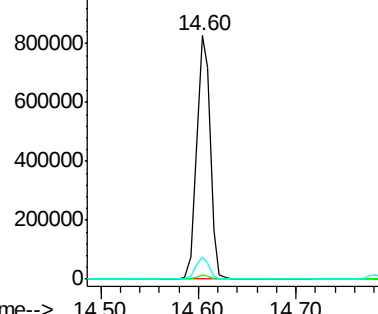


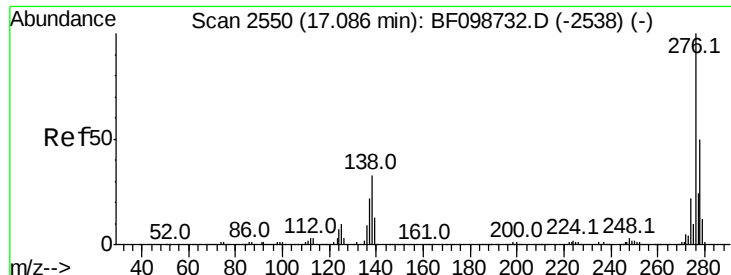
#84
 Di-n-octyl phthalate
 Concen: 39.602 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.4	8.4	12.6#



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

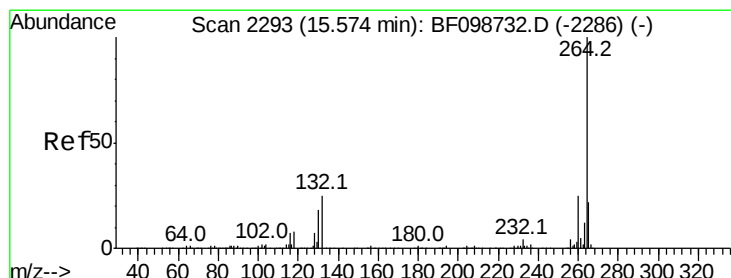
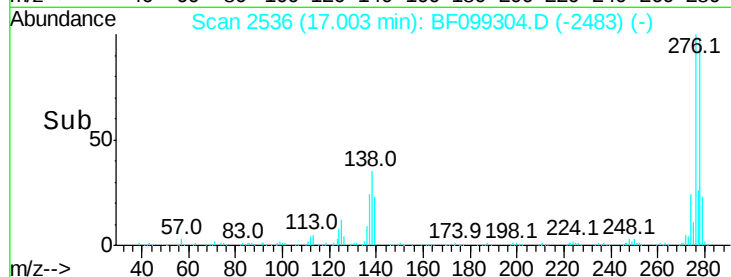
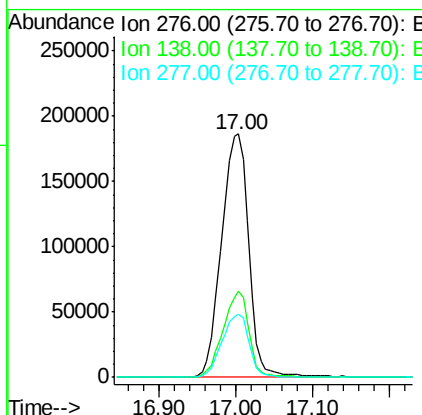
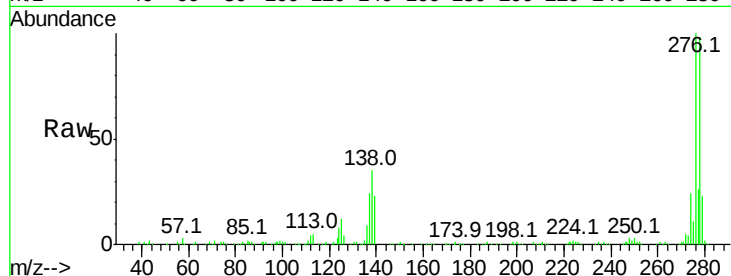




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.763 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

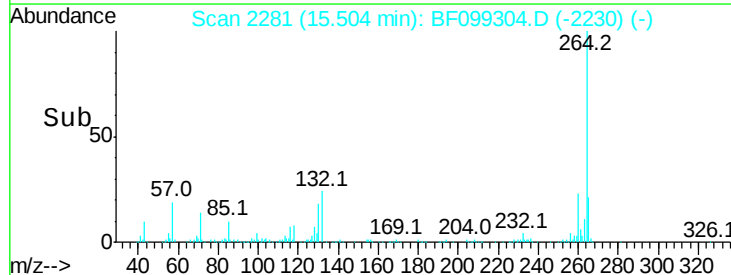
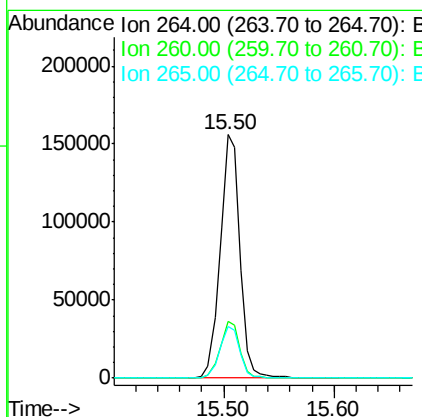
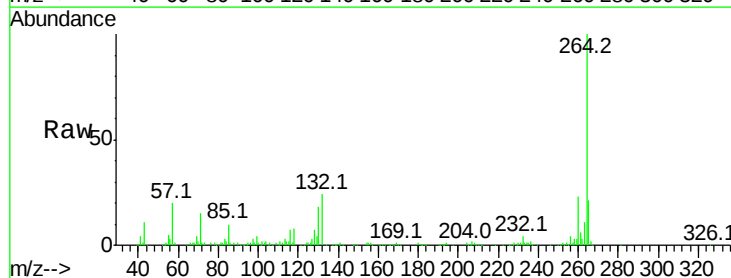
Instrument :
 BNA_F
 ClientSampleId :

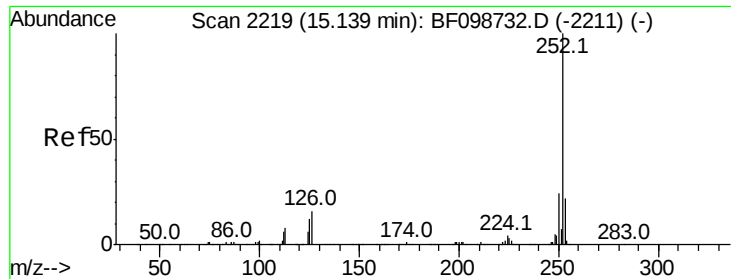
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	25.0	37.6
277	25.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099304.D
 Acq: 10 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.594 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

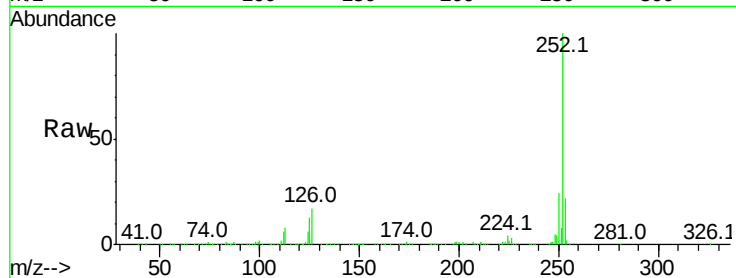
Tot Ion:252 Resp: 495553

Ion Ratio Lower Upper

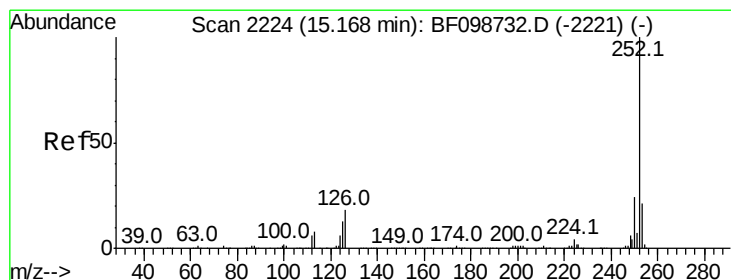
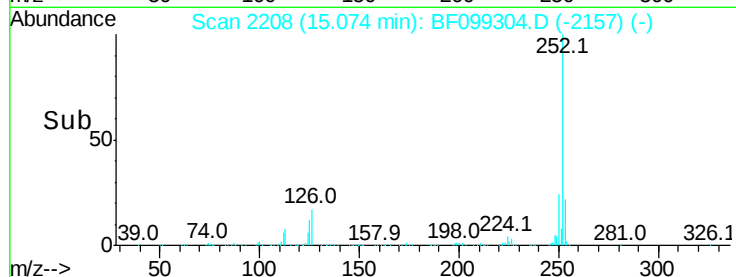
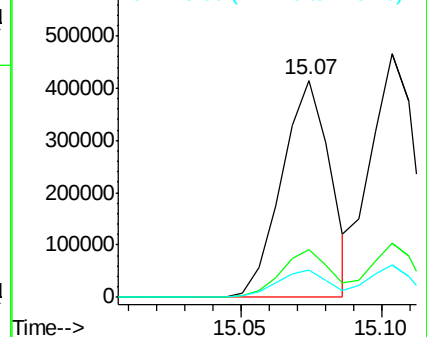
252 100

253 21.8 17.0 25.6

125 12.6 9.0 13.6



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: 43.402 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

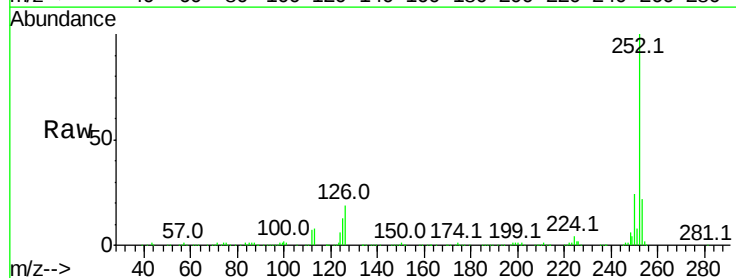
Tgt Ion:252 Resp: 510733

Ion Ratio Lower Upper

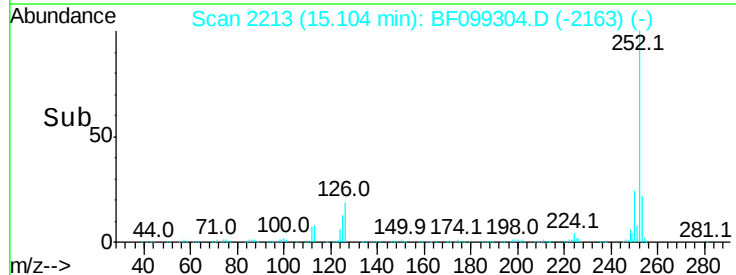
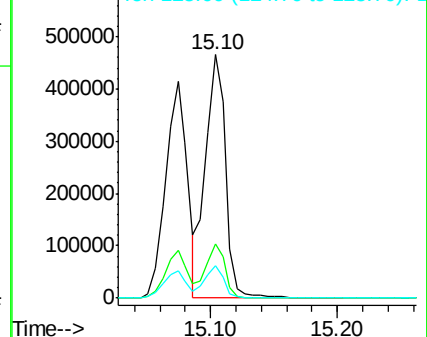
252 100

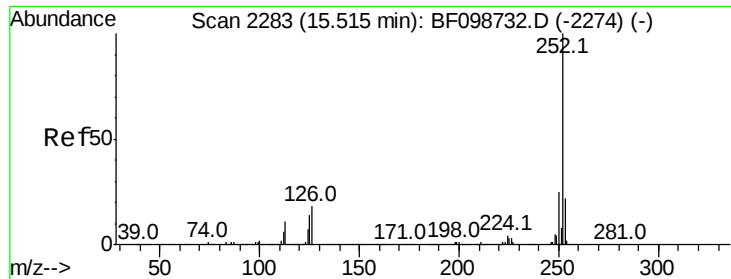
253 22.3 17.9 26.9

125 13.1 10.2 15.2



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

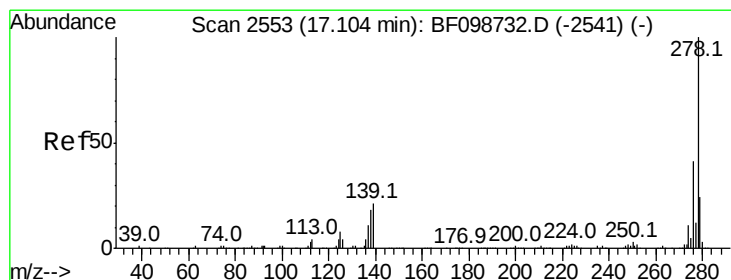
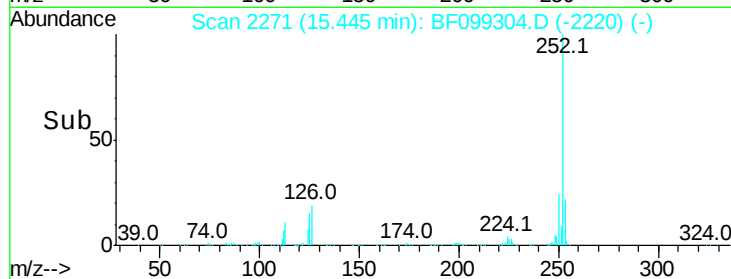
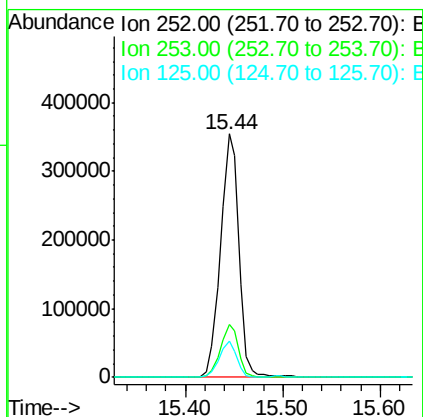
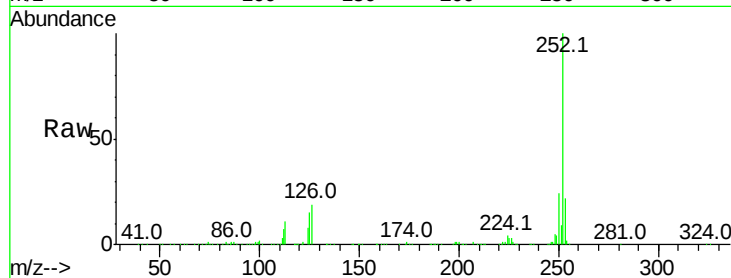




#89
Benzo(a)pyrene
Concen: 42.501 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

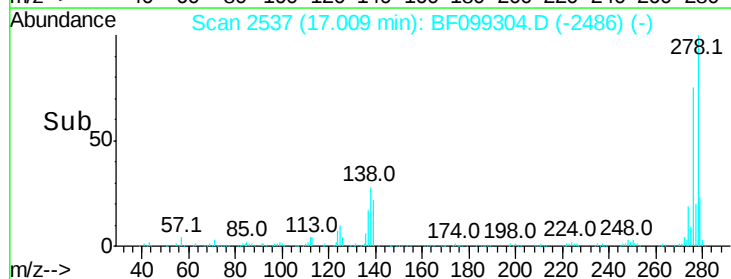
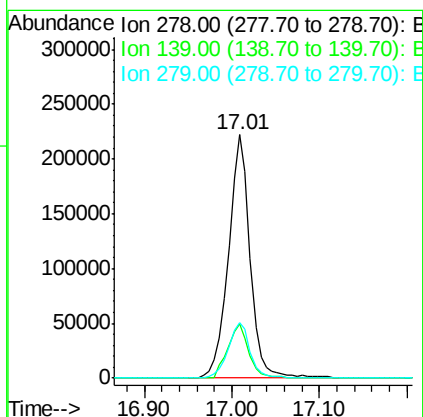
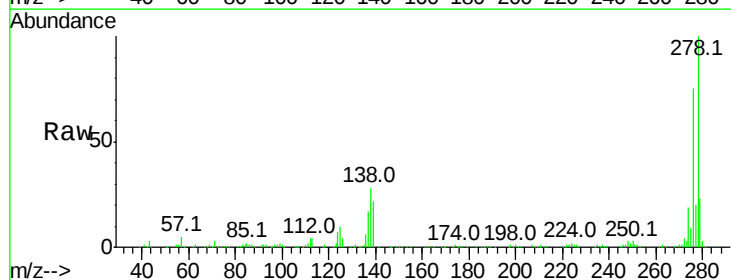
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 464801
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.8 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 43.043 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.00 min
Lab File: BF099304.D
Acq: 10 Oct 2017 17:01

Tgt Ion:278 Resp: 376722
Ion Ratio Lower Upper
278 100
139 22.3 15.9 23.9
279 22.9 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 44.523 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.01 min

Lab File: BF099304.D

Acq: 10 Oct 2017 17:01

Instrument :

BNA_F

ClientSampleId :

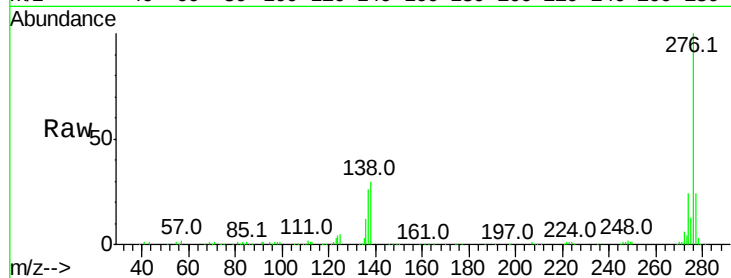
Tot Ion:276 Resp: 385183

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 30.2 21.8 32.8



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

