

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099103.D
 Acq On : 5 Oct 2017 15:08
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 05 17:15:48 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 09:04:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	135365	20.00	ng	-0.05
21) Naphthalene-d8	8.15	136	569302	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	259807	20.00	ng	-0.06
63) Phenanthrene-d10	11.39	188	467324	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	366858	20.00	ng	-0.05
86) Perylene-d12	15.50	264	328120	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	684973	80.55	ng	-0.06
7) Phenol-d6	6.50	99	859799	81.96	ng	-0.05
23) Nitrobenzene-d5	7.43	82	718629	80.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	173016	81.38	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1228195	78.92	ng	-0.05
78) Terphenyl-d14	12.97	244	1215385	75.34	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	162973	40.122	ng	95
3) Pyridine	3.41	79	448116	40.781	ng	94
4) n-Nitrosodimethylamine	3.37	42	176119	37.797	ng	# 83
6) Aniline	6.53	93	571810	40.389	ng	99
8) 2-Chlorophenol	6.65	128	388589	40.353	ng	97
9) Benzaldehyde	6.42	77	217801	35.794	ng	93
10) Phenol	6.51	94	504839	43.032	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	359652	39.434	ng	98
12) 1,3-Dichlorobenzene	6.81	146	407062	40.363	ng	97
13) 1,4-Dichlorobenzene	6.89	146	409593	39.918	ng	98
14) 1,2-Dichlorobenzene	7.04	146	375215	39.576	ng	97
15) Benzyl Alcohol	7.01	79	291316	37.856	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	524046	36.880	ng	97
17) 2-Methylphenol	7.12	107	316438	40.161	ng	97
18) Hexachloroethane	7.37	117	144712	39.237	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	245104	36.597	ng	96
20) 3+4-Methylphenols	7.27	107	382418	38.365	ng	# 75
22) Acetophenone	7.28	105	518565	37.596	ng	# 95
24) Nitrobenzene	7.45	77	395128	39.238	ng	99
25) Isophorone	7.69	82	704712	38.396	ng	98
26) 2-Nitrophenol	7.77	139	218043	45.027	ng	# 88
27) 2,4-Dimethylphenol	7.80	122	358660	39.219	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	441554	38.605	ng	99
29) 2,4-Dichlorophenol	8.00	162	317686	40.460	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	317229	40.396	ng	97
31) Naphthalene	8.17	128	1053305	39.394	ng	100
32) Benzoic acid	7.94	122	239306	31.856	ng	98
33) 4-Chloroaniline	8.22	127	452236	40.502	ng	97
34) Hexachlorobutadiene	8.29	225	156200	38.617	ng	98
35) Caprolactam	8.60	113	105206	41.771	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	349822	39.638	ng	96
37) 2-Methylnaphthalene	8.86	142	677987	39.005	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	303503	39.171	ng	99
40) Hexachlorocyclopentadiene	9.01	237	118686	33.519	ng	98

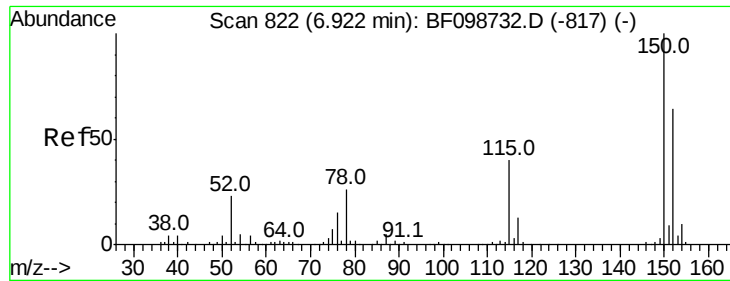
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099103.D
 Acq On : 5 Oct 2017 15:08
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 09:04:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	210284	38.310	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	218600	39.894	ng	95
45) 1,1'-Biphenyl	9.33	154	871589	39.034	ng	99
46) 2-Chloronaphthalene	9.35	162	662827	39.536	ng	99
47) 2-Nitroaniline	9.45	65	206765	40.278	ng	93
48) Acenaphthylene	9.77	152	1020819	39.776	ng	99
49) Dimethylphthalate	9.63	163	773552	39.449	ng	100
50) 2,6-Dinitrotoluene	9.69	165	177797	41.649	ng	91
51) Acenaphthene	9.94	154	597288	36.740	ng	100
52) 3-Nitroaniline	9.86	138	215626	43.319	ng	93
53) 2,4-Dinitrophenol	9.97	184	76038	37.548	ng	90
54) Dibenzofuran	10.11	168	851787	39.351	ng	98
55) 4-Nitrophenol	10.02	139	163591	38.868	ng	92
56) 2,4-Dinitrotoluene	10.10	165	239604	43.247	ng	87
57) Fluorene	10.46	166	692857	39.824	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	148897	39.337	ng	98
59) Diethylphthalate	10.32	149	741352	38.691	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	301025	38.518	ng	94
61) 4-Nitroaniline	10.48	138	219817	45.774	ng	89
62) Azobenzene	10.60	77	665637	37.782	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	125543	44.154	ng	91
65) n-Nitrosodiphenylamine	10.56	169	630179	38.925	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	177013	38.697	ng	94
67) Hexachlorobenzene	11.00	284	192560	39.414	ng	# 91
68) Atrazine	11.09	200	193653	39.757	ng	99
69) Pentachlorophenol	11.19	266	101472	33.372	ng	97
70) Phenanthrene	11.42	178	981425	39.234	ng	99
71) Anthracene	11.47	178	1008357	39.397	ng	100
72) Carbazole	11.62	167	1002789	40.009	ng	100
73) Di-n-butylphthalate	11.94	149	1169837	38.776	ng	99
74) Fluoranthene	12.60	202	1010492	39.893	ng	100
76) Benzidine	12.73	184	556883	41.041	ng	99
77) Pyrene	12.84	202	1073985	38.392	ng	99
79) Butylbenzylphthalate	13.44	149	512143	38.954	ng	96
80) Benzo(a)anthracene	14.02	228	886765	39.919	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	326244	40.062	ng	96
82) Chrysene	14.06	228	846371	40.020	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	696984	38.501	ng	# 99
84) Di-n-octyl phthalate	14.61	149	1203316	41.280	ng	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	710363	41.989	ng	96
87) Benzo(b)fluoranthene	15.11	252	797103	39.511	ng	98
88) Benzo(k)fluoranthene	15.11	252	797103	40.003	ng	99
89) Benzo(a)pyrene	15.44	252	727531	39.287	ng	# 96
90) Dibenzo(a,h)anthracene	17.01	278	575595	38.839	ng	97
91) Benzo(g,h,i)perylene	17.44	276	584245	39.882	ng	95

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

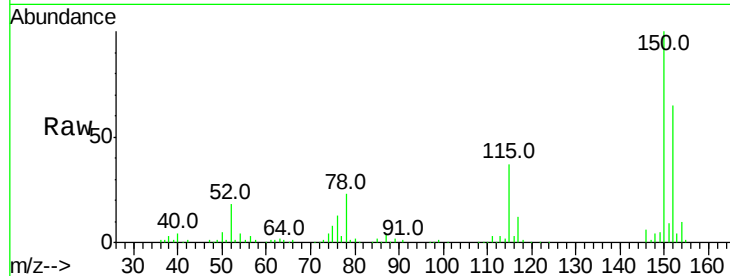


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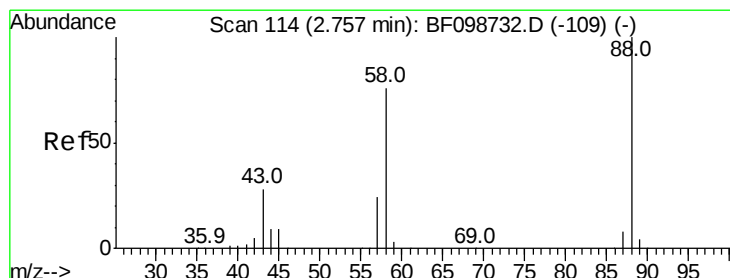
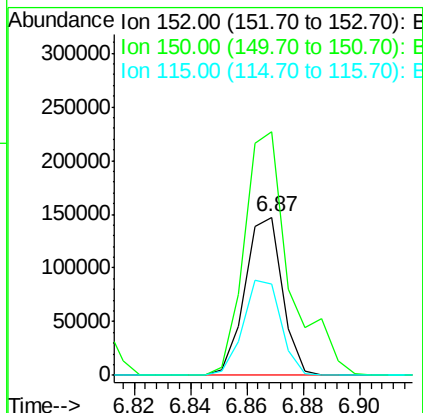
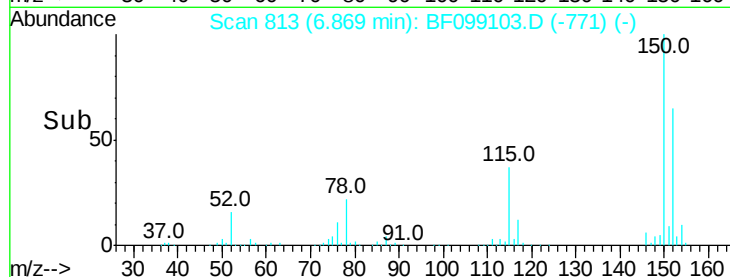
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 135365
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 57.7 50.1 75.1



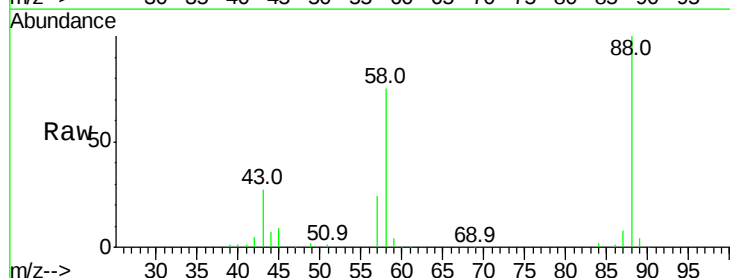
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



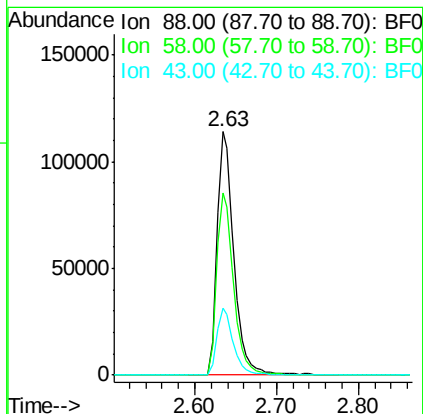
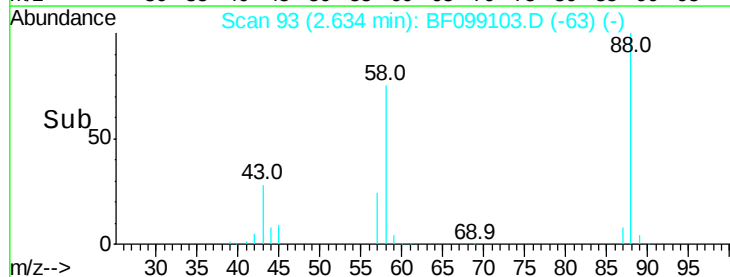
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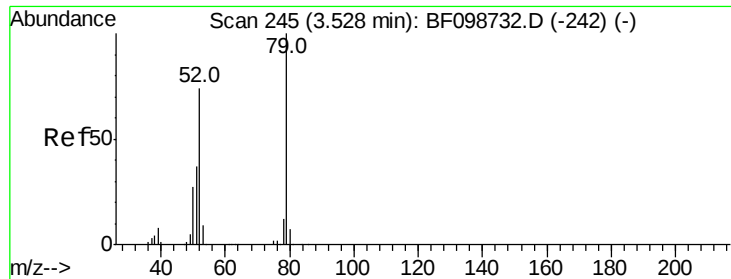
1,4-Dioxane
 Concen: 40.122 ng
 RT: 2.63 min Scan# 93
 Delta R.T. -0.12 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion: 88 Resp: 162973
 Ion Ratio Lower Upper
 88 100
 58 74.8 62.6 93.8
 43 27.0 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

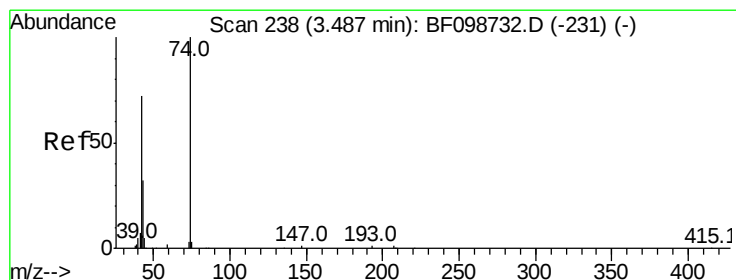
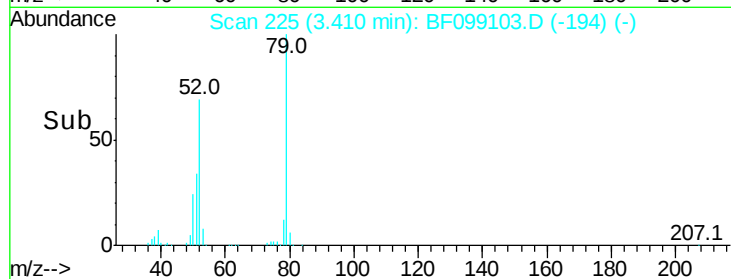
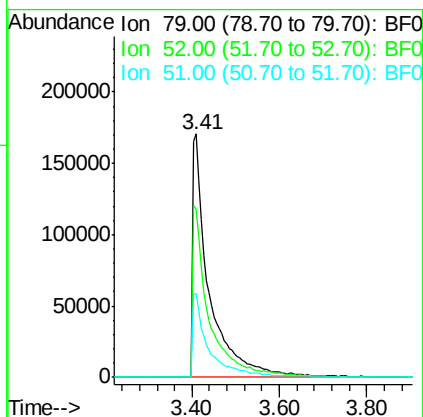
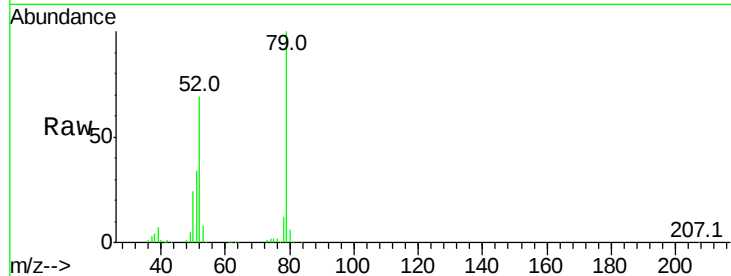




#3
 Pvridine
 Concen: 40.781 ng
 RT: 3.41 min Scan# 225
 Delta R.T. -0.12 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

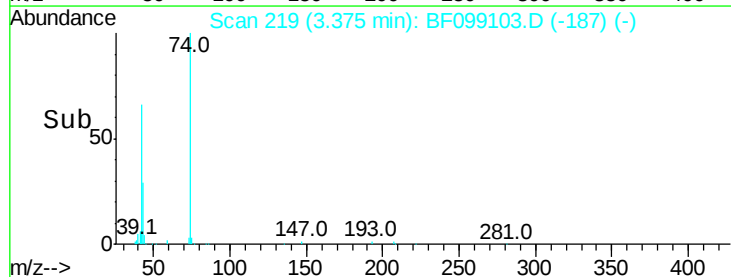
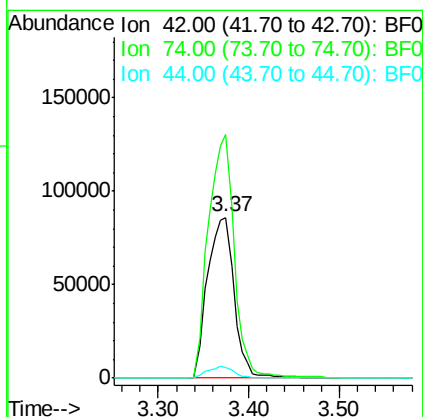
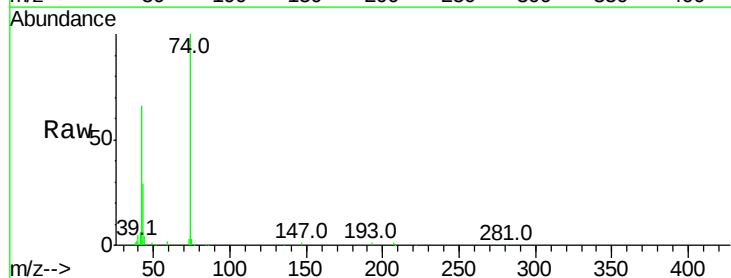
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 448116
 Ion Ratio Lower Upper
 79 100
 52 69.3 59.8 89.6
 51 34.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.797 ng
 RT: 3.37 min Scan# 219
 Delta R.T. -0.11 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion: 42 Resp: 176119
 Ion Ratio Lower Upper
 42 100
 74 151.6 104.9 157.3
 44 6.8 6.9 10.3#

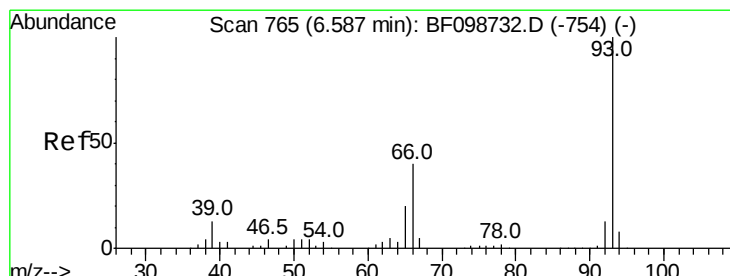
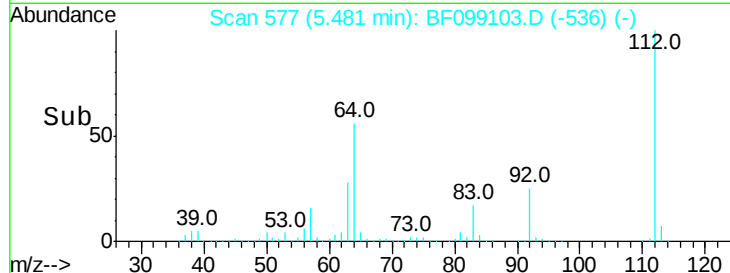
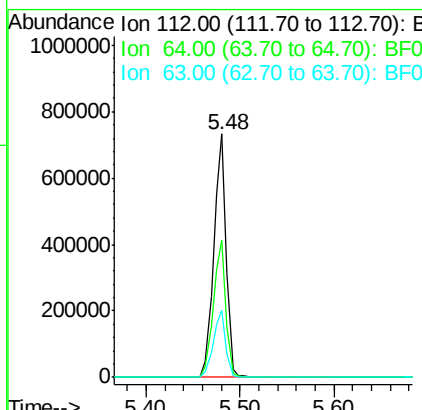
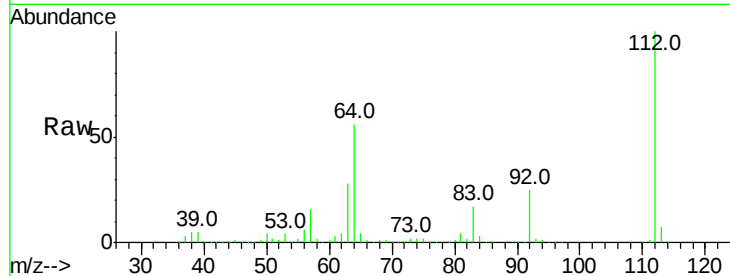




#5
 2-Fluorophenol
 Concen: 80.553 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.06 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

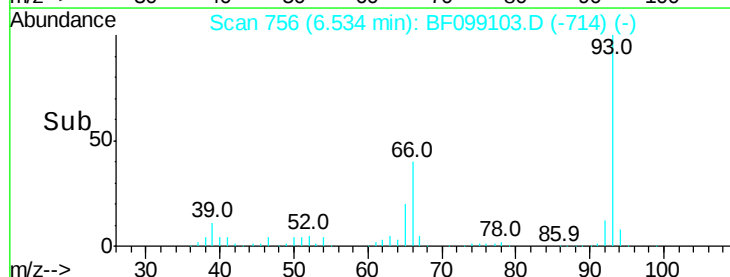
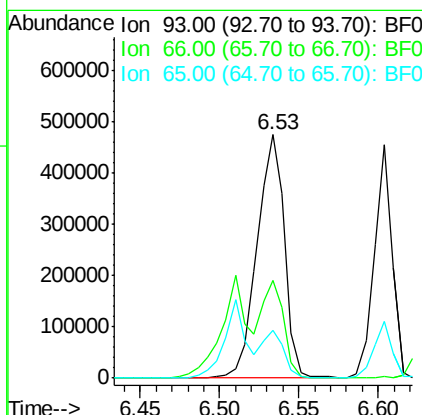
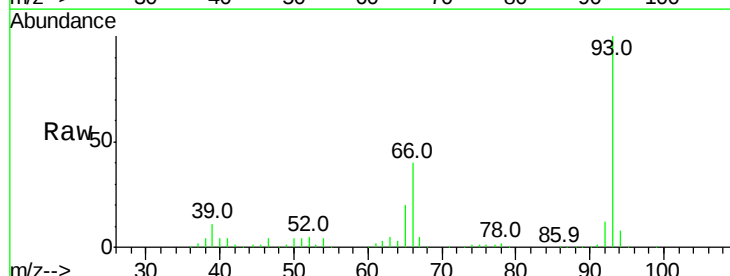
Instrument :
 BNA_F
 ClientSampled :

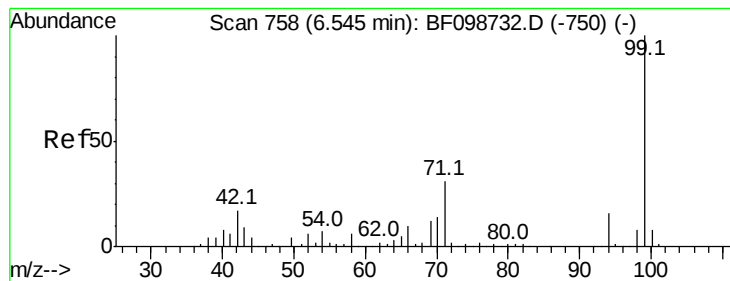
Tot Ion: 112 Resp: 684973
 Ion Ratio Lower Upper
 112 100
 64 56.2 47.9 71.9
 63 27.6 23.7 35.5



#6
 Aniline
 Concen: 40.389 ng
 RT: 6.53 min Scan# 756
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion: 93 Resp: 571810
 Ion Ratio Lower Upper
 93 100
 66 39.9 32.2 48.2
 65 19.6 16.4 24.6





#7

Phenol-d6

Concen: 81.965 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampled :

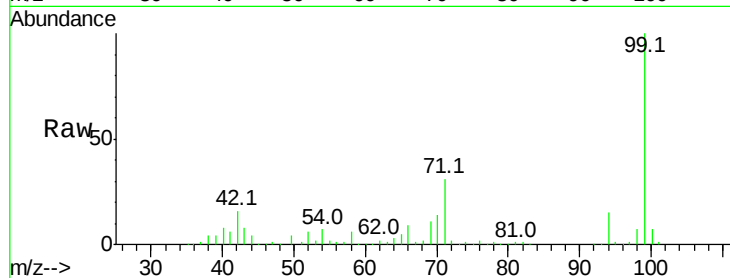
Tot Ion: 99 Resp: 859799

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

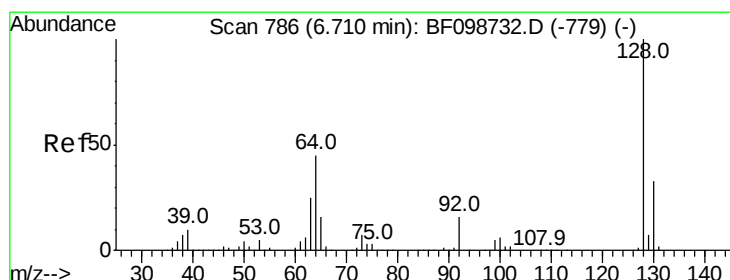
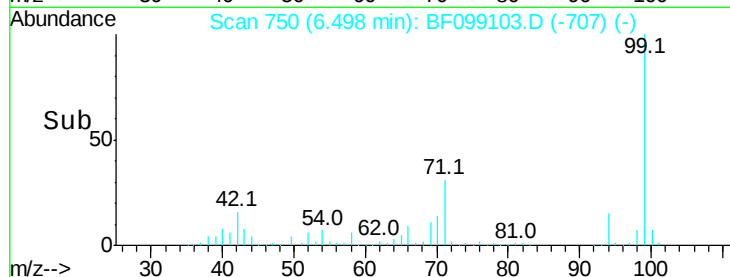
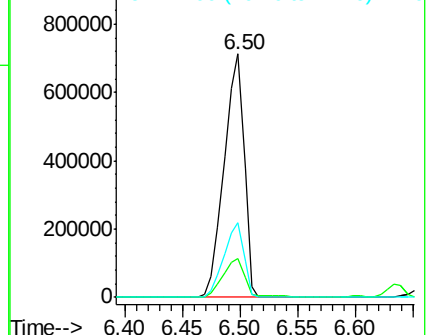
71 30.5 25.4 38.0



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: 40.353 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.06 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

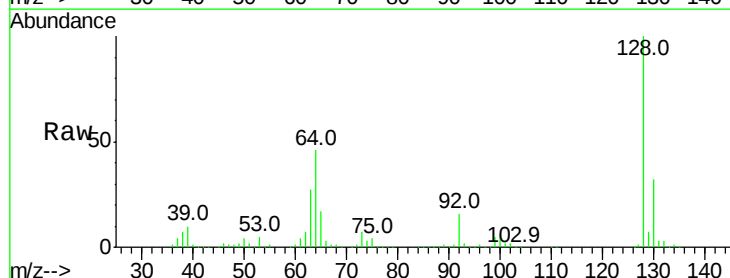
Tgt Ion:128 Resp: 388589

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

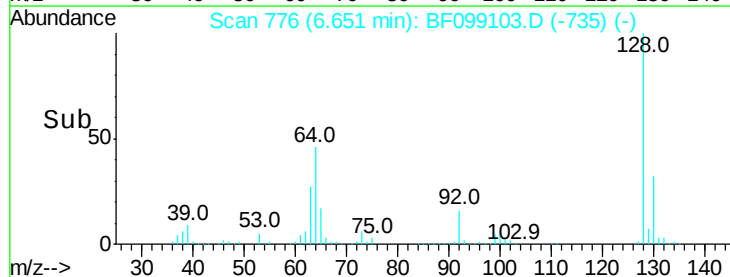
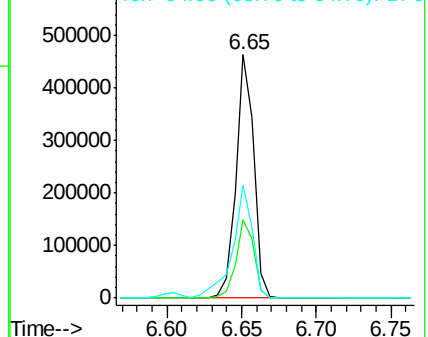
64 46.2 29.4 69.4

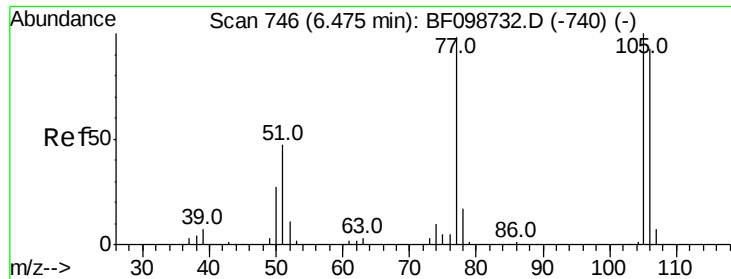


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.794 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampleId :

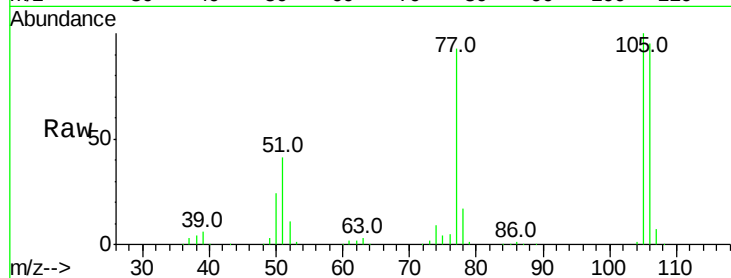
Tot Ion: 77 Resp: 217801

Ion Ratio Lower Upper

77 100

105 107.6 81.1 121.1

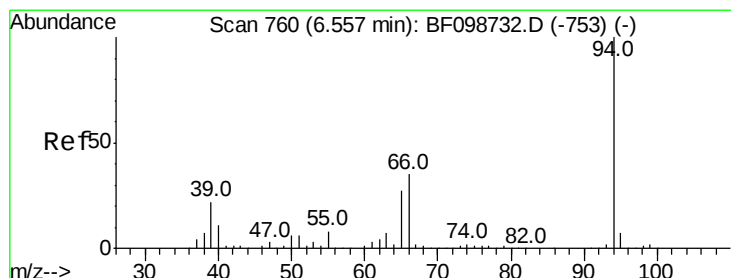
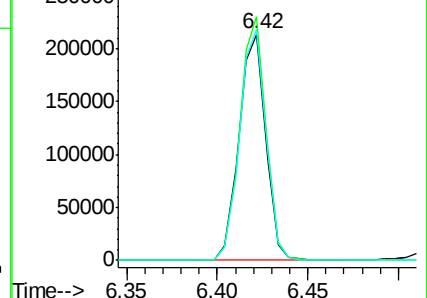
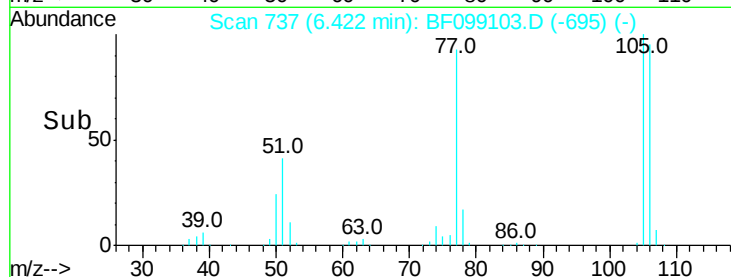
106 101.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.032 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

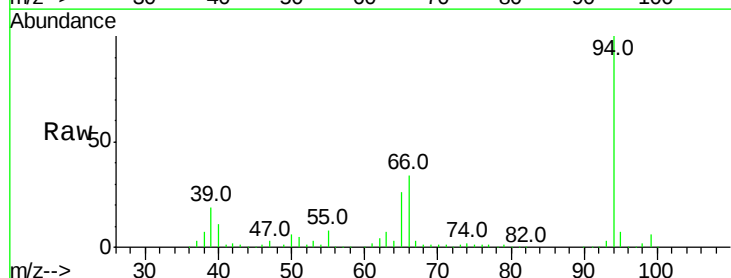
Tgt Ion: 94 Resp: 504839

Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

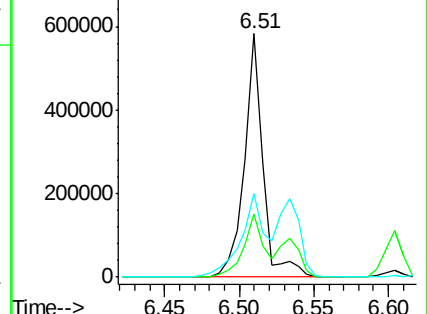
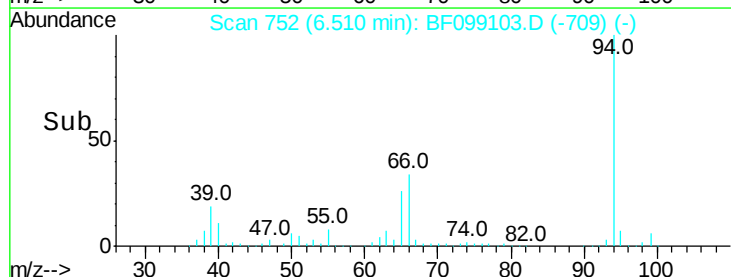
66 34.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

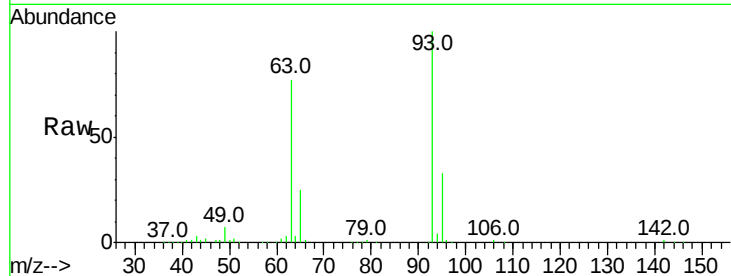




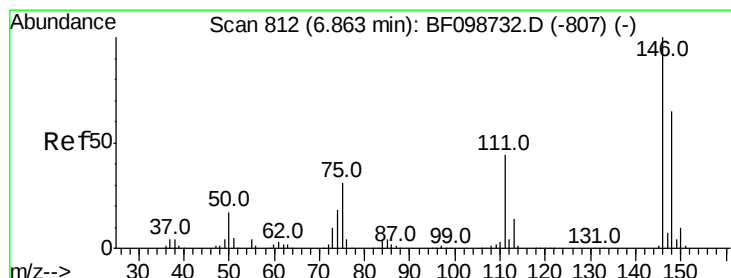
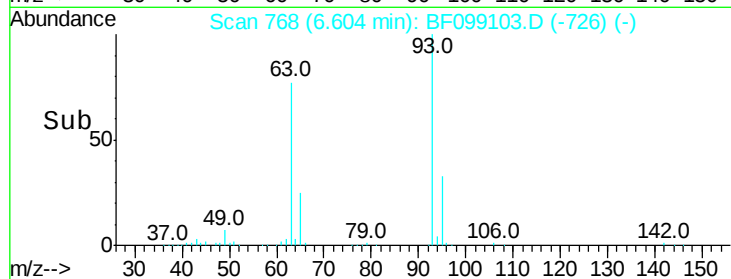
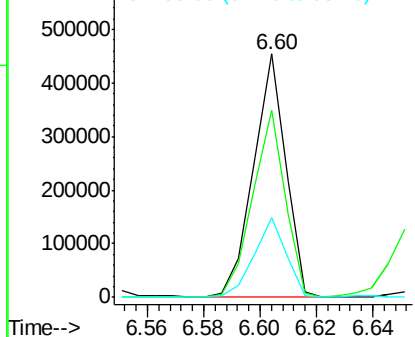
#11
 bis(2-Chloroethyl)ether
 Concen: 39.434 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 359652
 Ion Ratio Lower Upper
 93 100
 63 76.9 58.6 98.6
 95 32.8 11.8 51.8

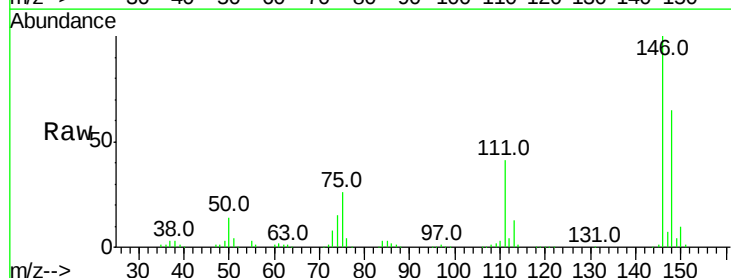


Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0

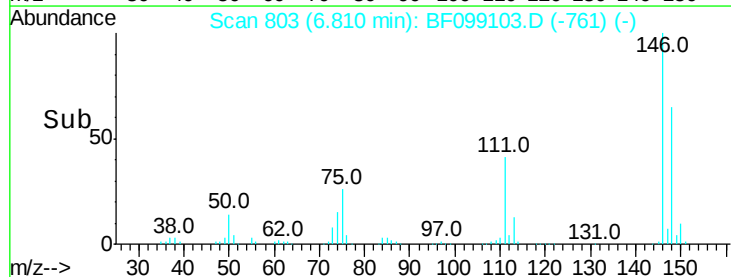
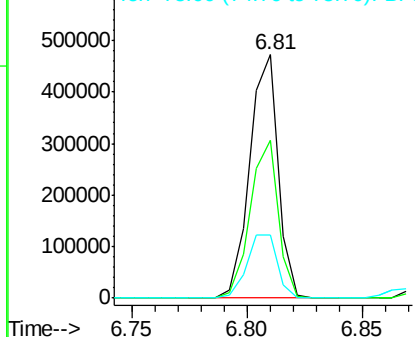


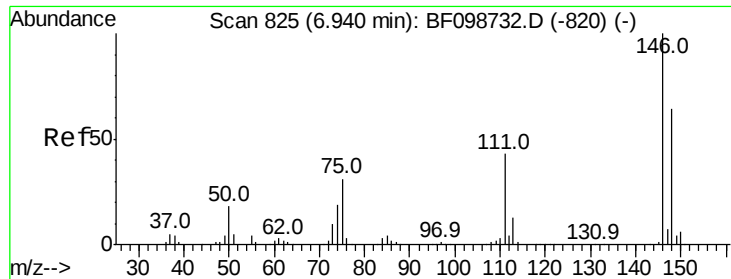
#12
 1,3-Dichlorobenzene
 Concen: 40.363 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion: 146 Resp: 407062
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.8 77.8
 75 26.2 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

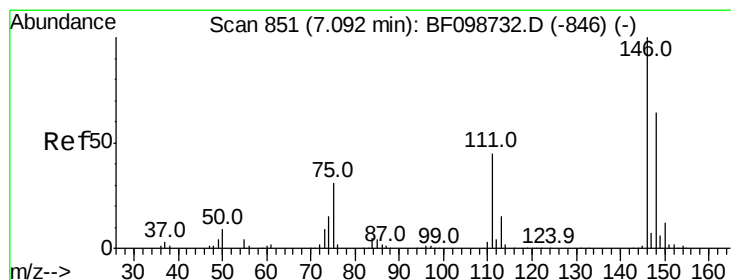
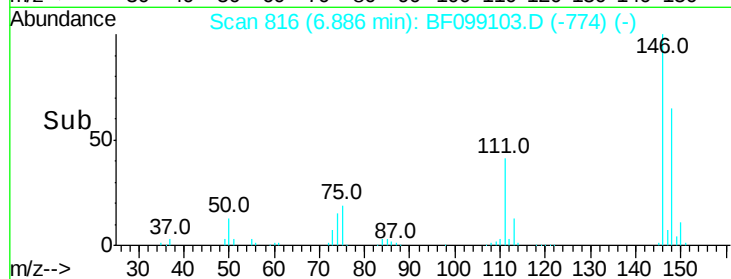
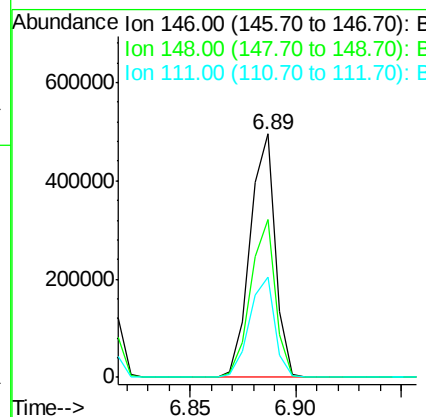
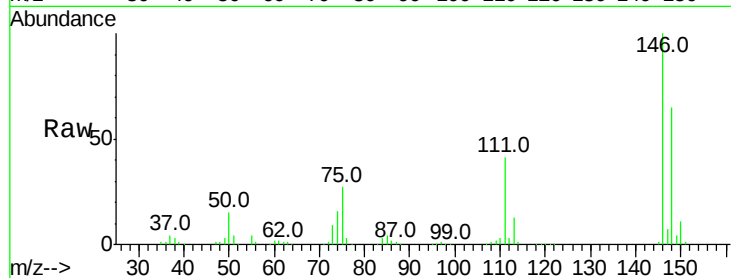




#13
 1,4-Dichlorobenzene
 Concen: 39.918 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

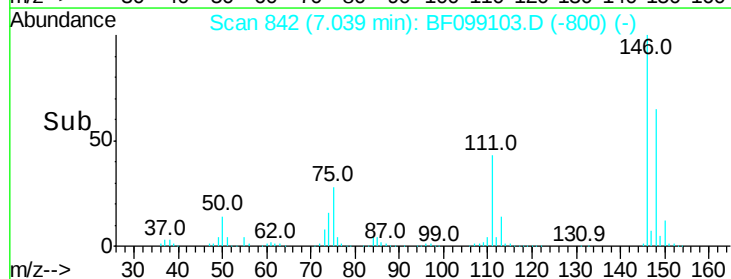
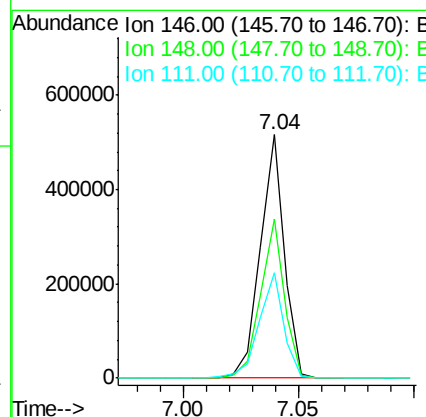
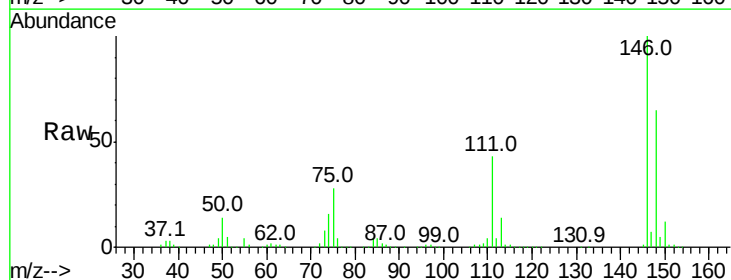
Instrument :
 BNA_F
 ClientSampleId :

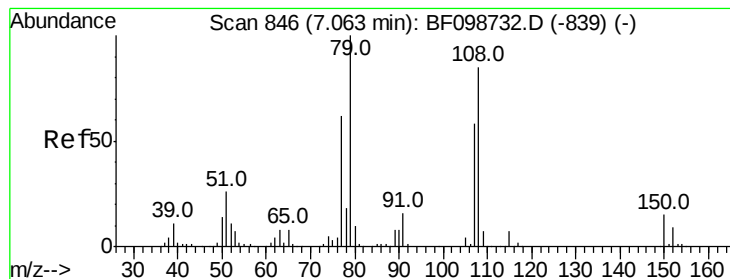
Tot Ion:146 Resp: 409593
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 40.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.576 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion:146 Resp: 375215
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 75.8
 111 43.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.856 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :
BNA_F
ClientSampled :

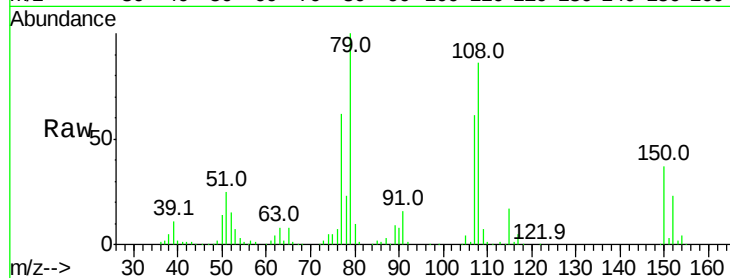
Tot Ion: 79 Resp: 291316

Ion Ratio Lower Upper

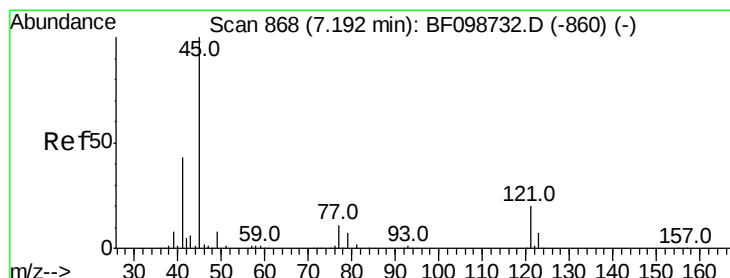
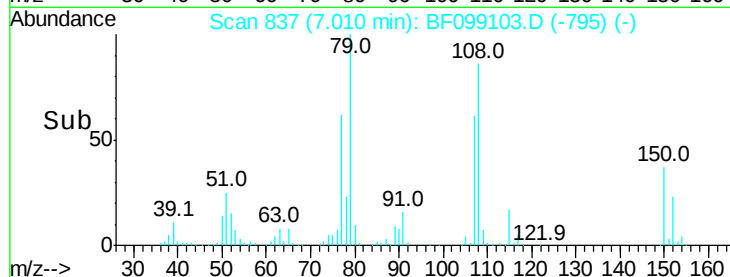
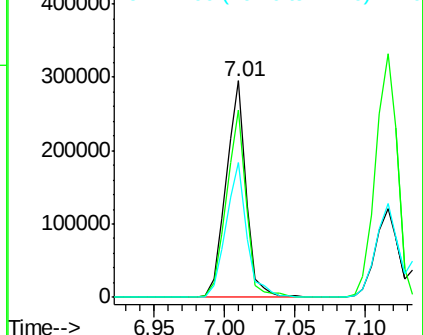
79 100

108 86.3 65.1 97.7

77 62.5 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: 36.880 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

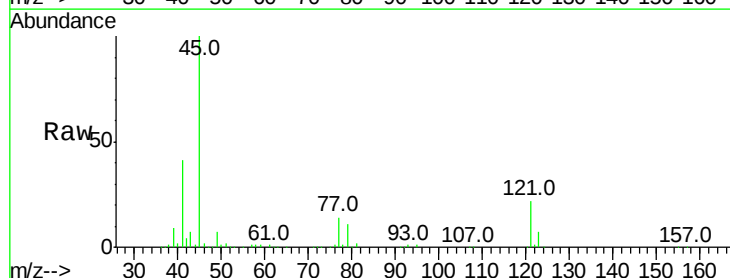
Tgt Ion: 45 Resp: 524046

Ion Ratio Lower Upper

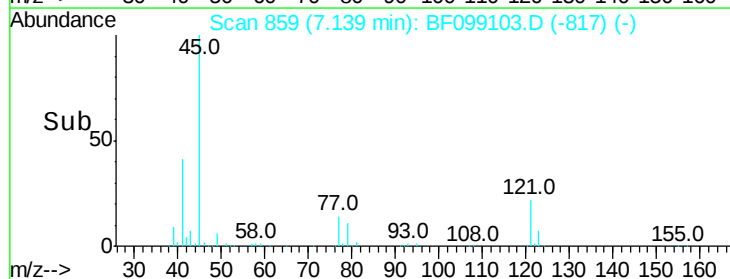
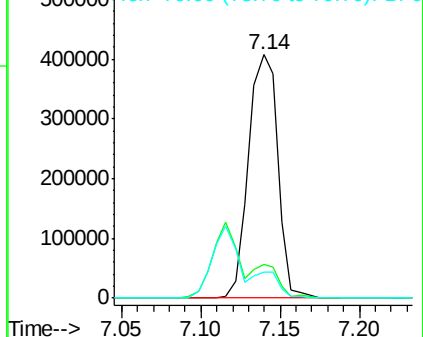
45 100

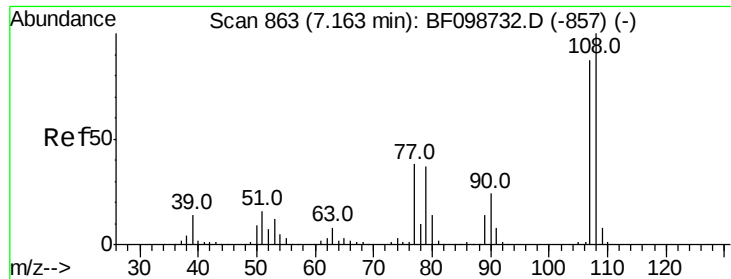
77 14.0 0.0 32.9

79 10.6 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

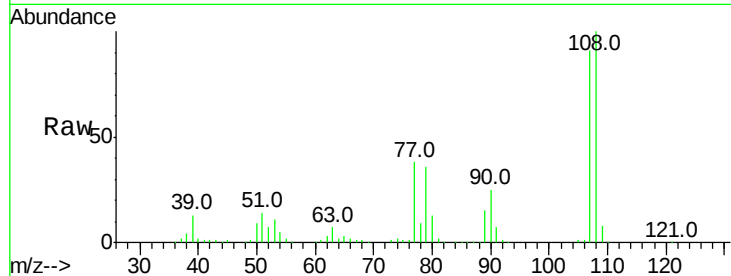




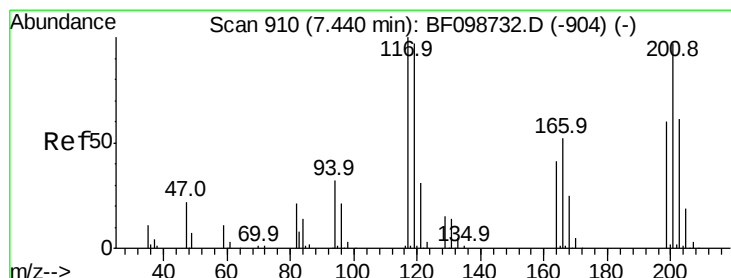
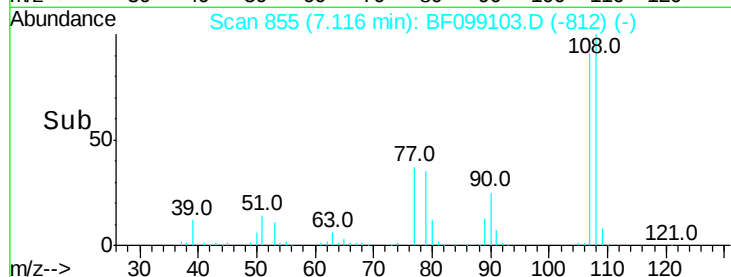
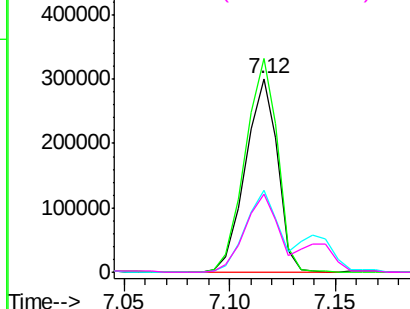
#17
2-Methylphenol
Concen: 40.161 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 316438
Ion Ratio Lower Upper
107 100
108 110.2 91.7 137.5
77 42.3 33.8 50.8
79 40.0 33.8 50.8

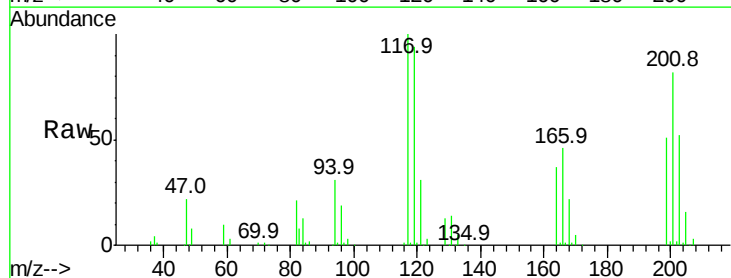


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

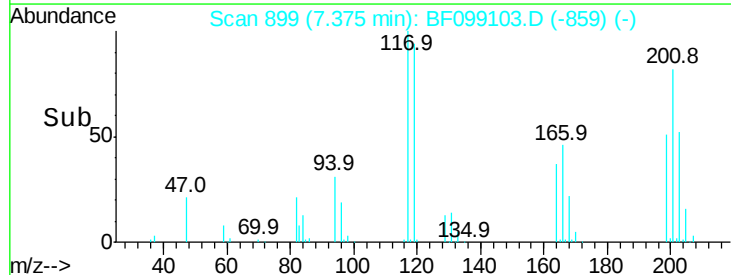
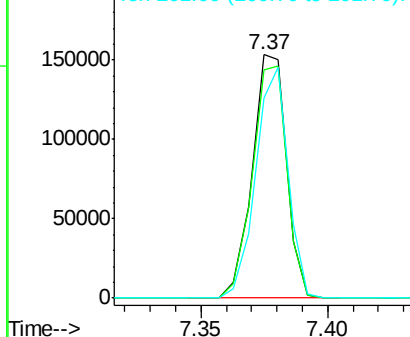


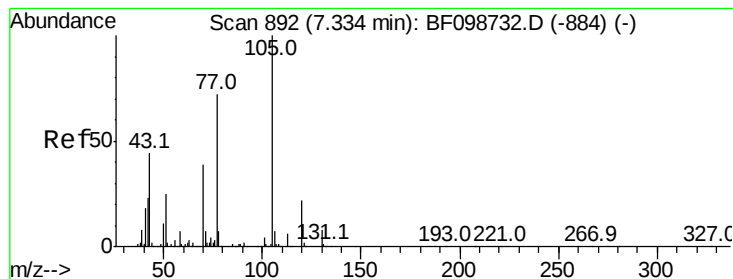
#18
Hexachloroethane
Concen: 39.237 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.06 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:117 Resp: 144712
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.8
201 82.0 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: 36.597 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 245104

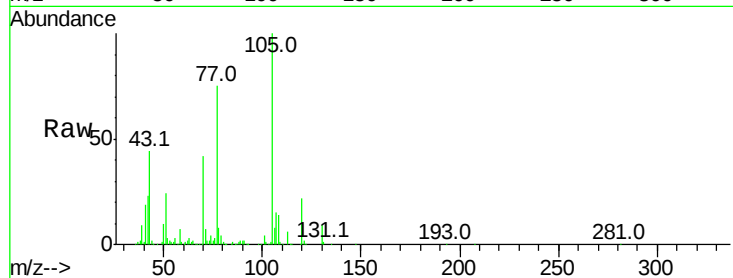
Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.5	71.3
101	9.5	7.4	11.2
130	21.2	16.6	25.0

70 100

42 55.5 47.5 71.3

101 9.5 7.4 11.2

130 21.2 16.6 25.0



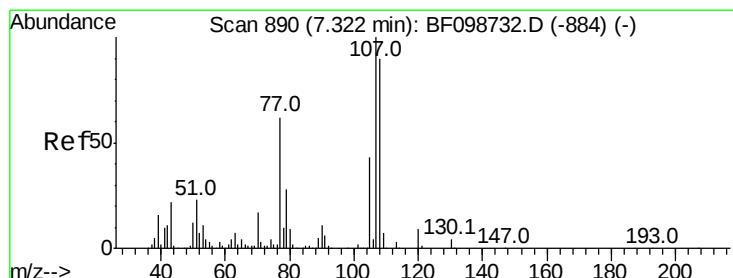
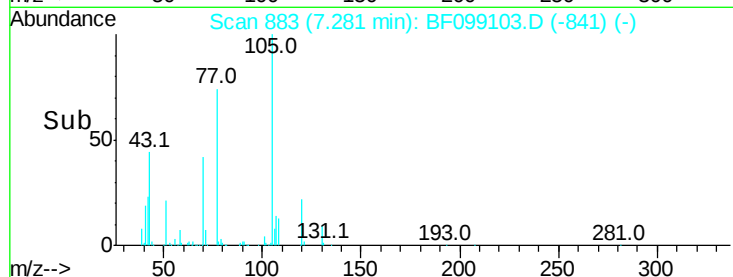
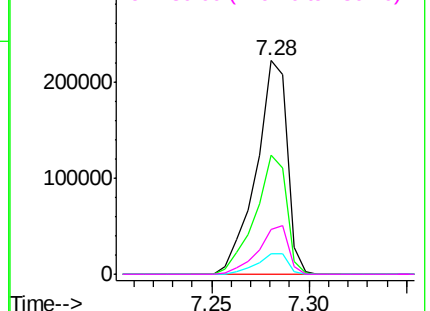
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 38.365 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Tgt Ion:107 Resp: 382418

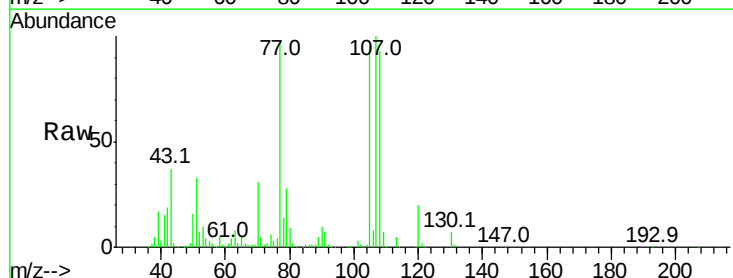
Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.2	108.2
77	97.3	26.7	66.7#
79	28.2	6.3	46.3

107 100

108 92.7 68.2 108.2

77 97.3 26.7 66.7#

79 28.2 6.3 46.3



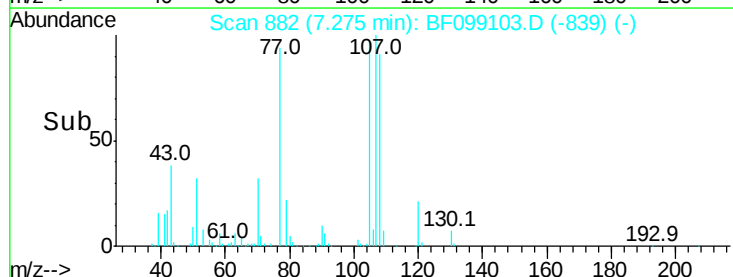
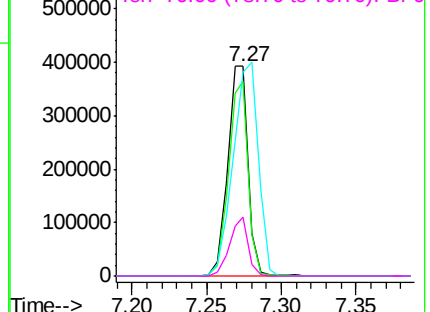
Abundance

Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

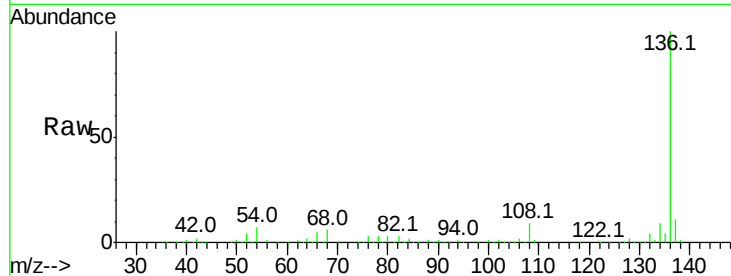




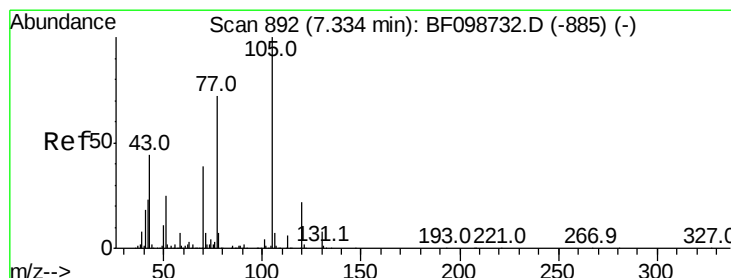
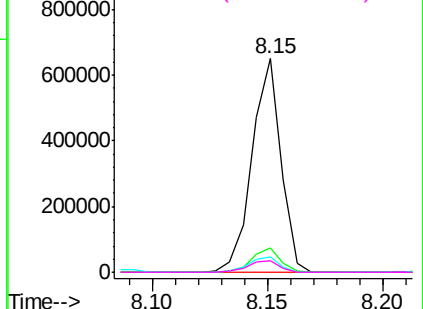
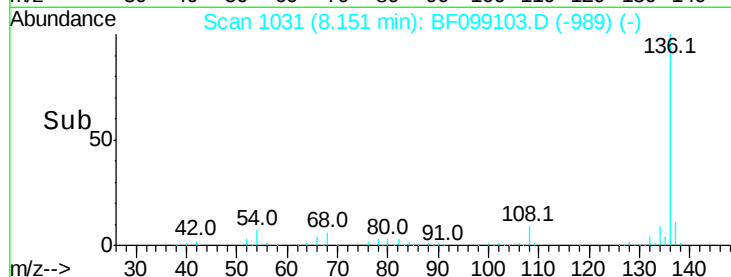
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	569302
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.3	6.6	9.8
68	5.6	5.0	7.4

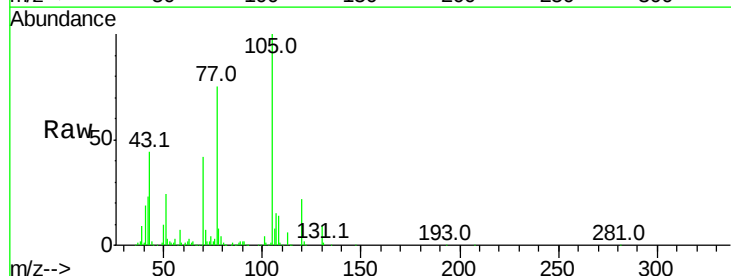


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

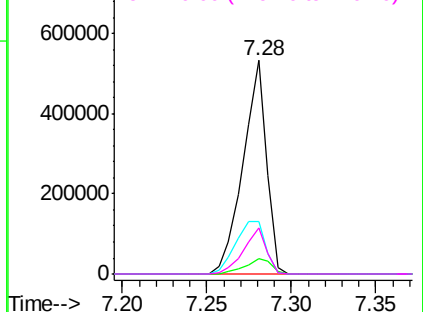
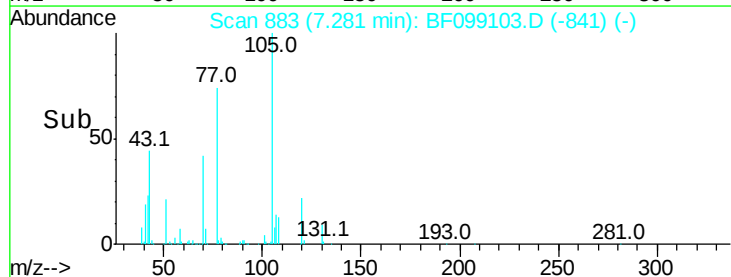


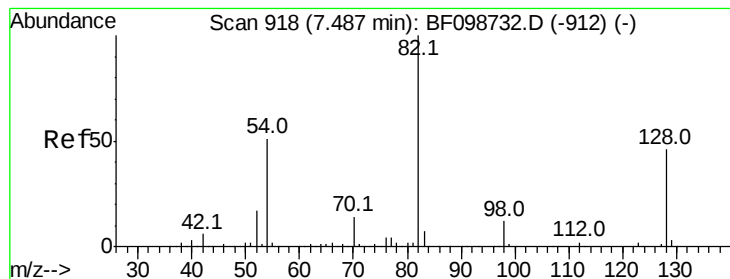
#22
Acetophenone
Concen: 37.596 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:	105	Resp:	518565
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.4	6.6#
51	24.4	22.3	33.5
120	21.8	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: 80.951 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampleId :

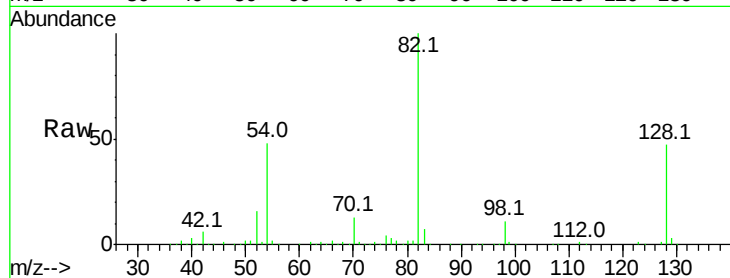
Tot Ion: 82 Resp: 718629

Ion Ratio Lower Upper

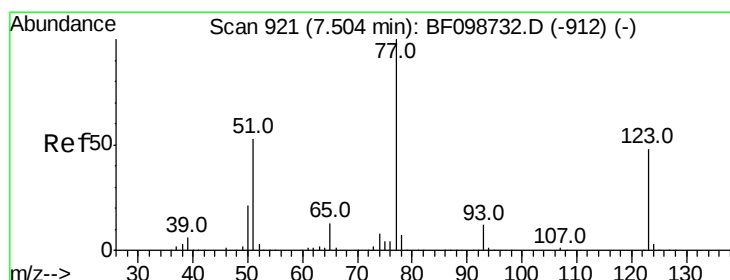
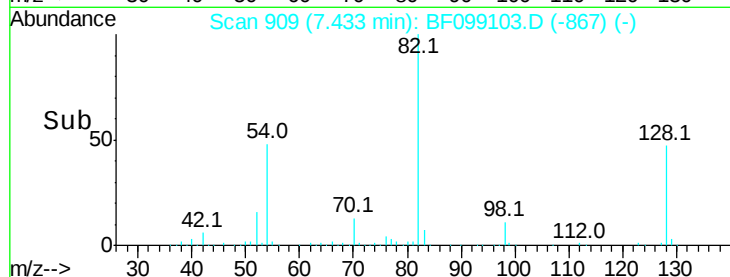
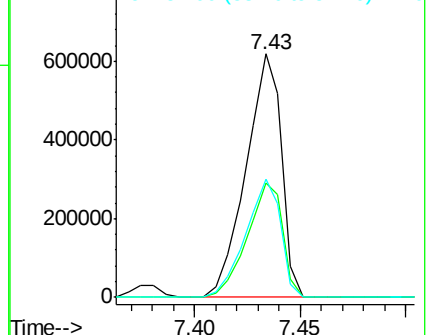
82 100

128 47.0 36.1 54.1

54 48.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.238 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

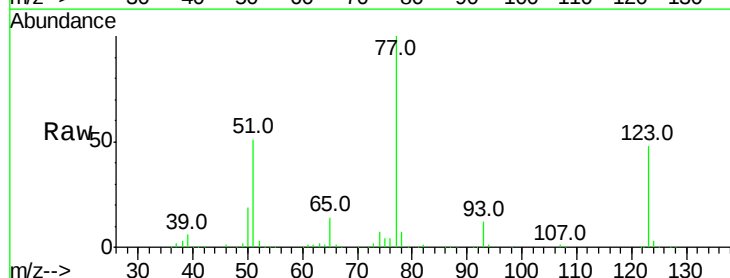
Tgt Ion: 77 Resp: 395128

Ion Ratio Lower Upper

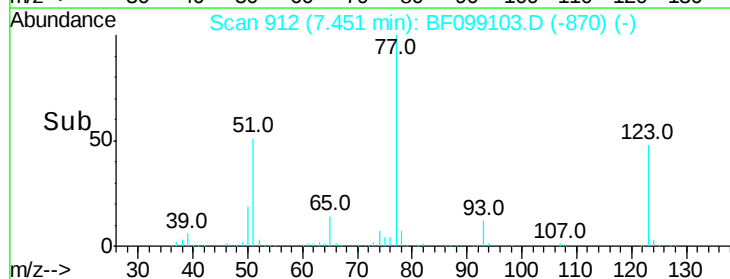
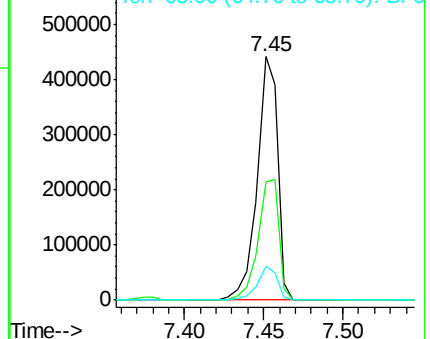
77 100

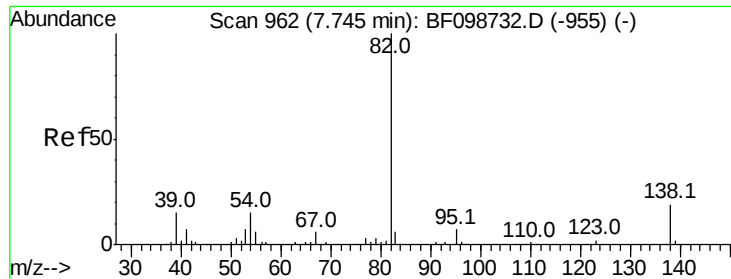
123 48.3 37.9 56.9

65 13.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.396 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampleId :

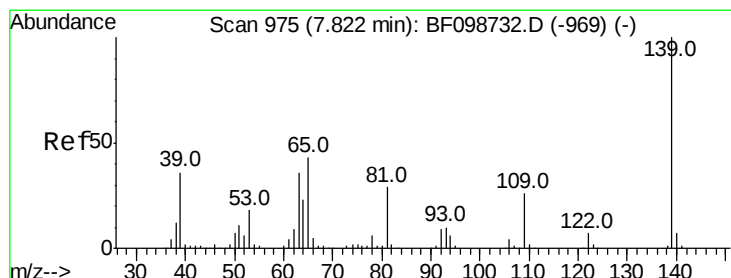
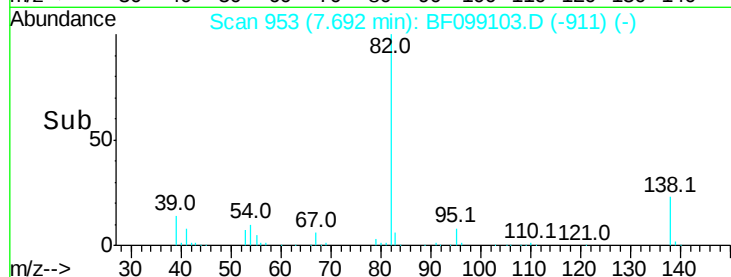
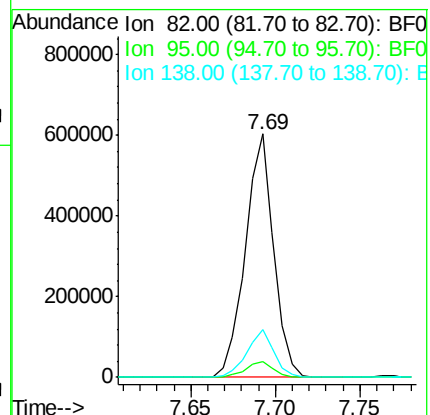
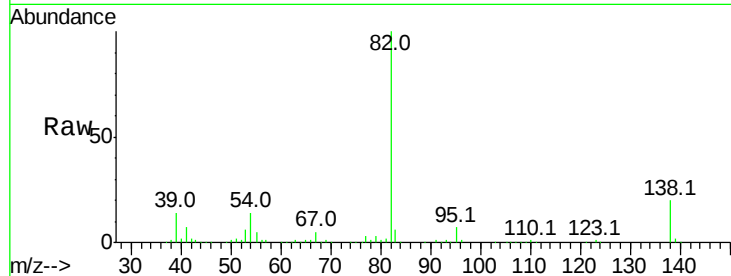
Tot Ion: 82 Resp: 704712

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 45.027 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

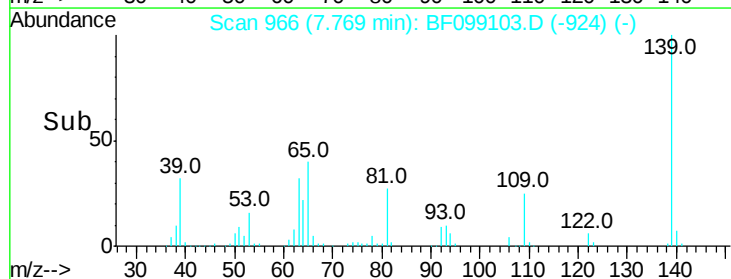
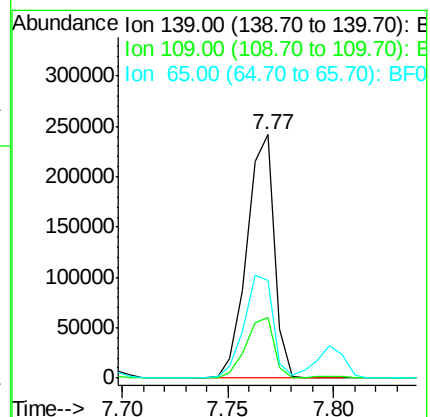
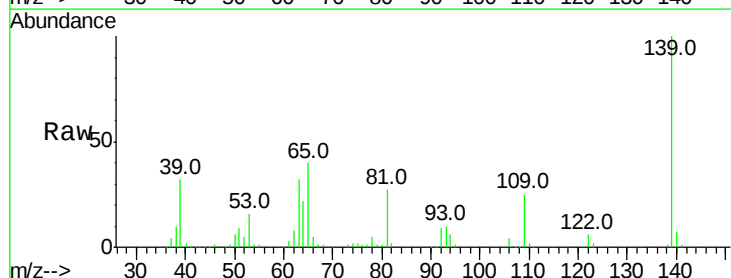
Tgt Ion: 139 Resp: 218043

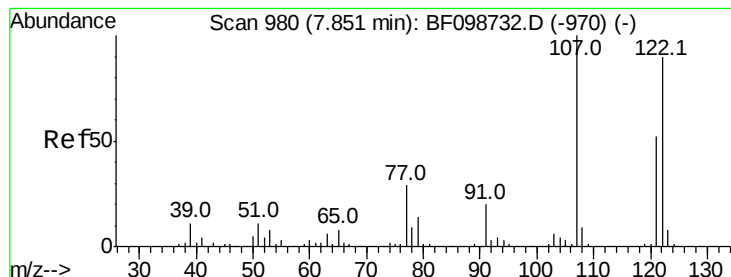
Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 40.2 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 39.219 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampled :

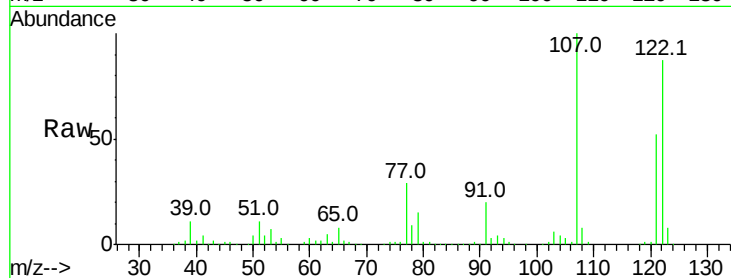
Tot Ion:122 Resp: 358660

Ion Ratio Lower Upper

122 100

107 114.6 91.2 136.8

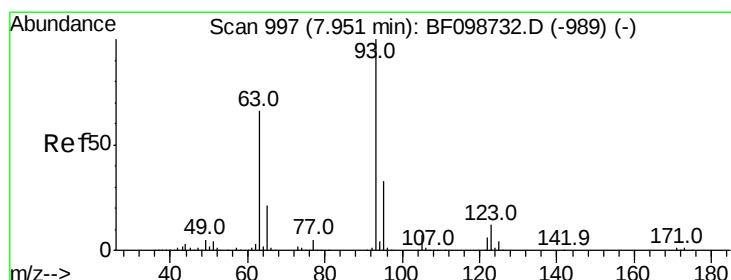
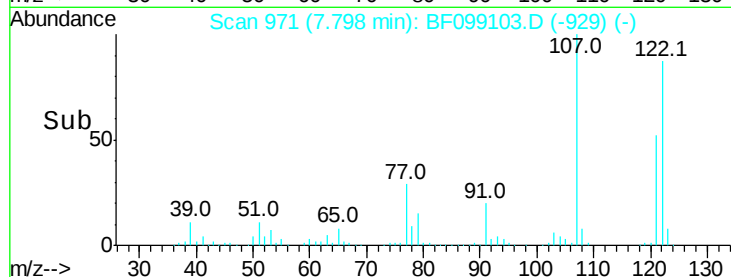
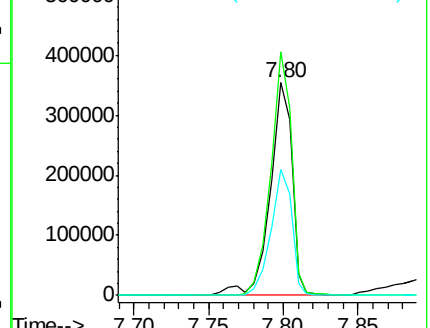
121 59.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.605 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

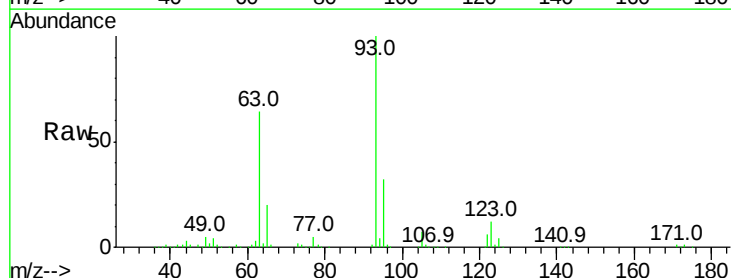
Tgt Ion: 93 Resp: 441554

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

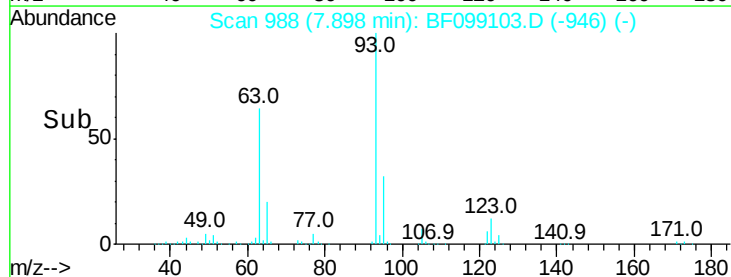
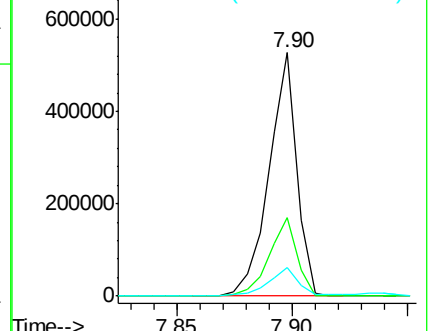
123 11.9 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

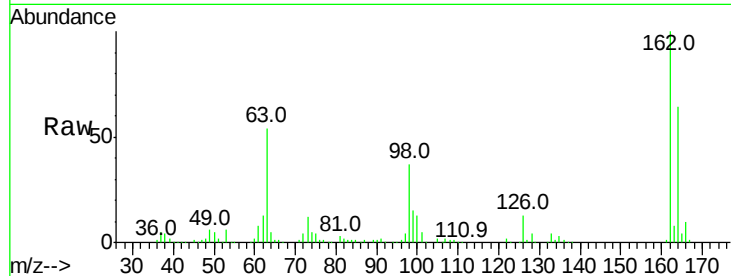




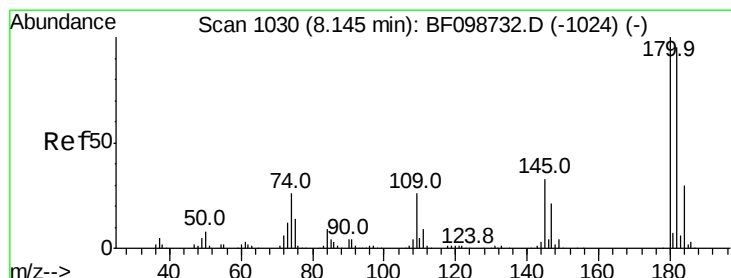
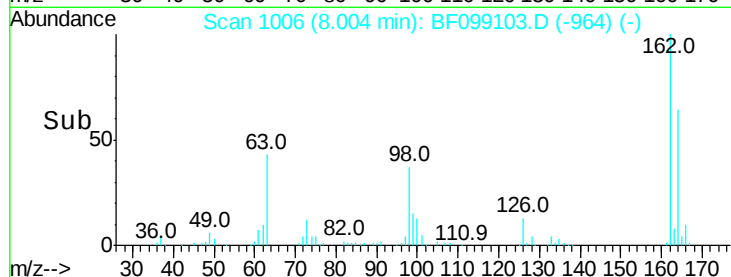
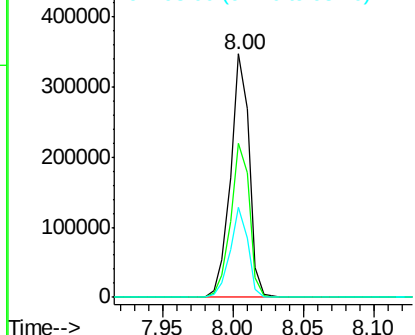
#29
 2,4-Dichlorophenol
 Concen: 40.460 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	37.2	18.1	58.1

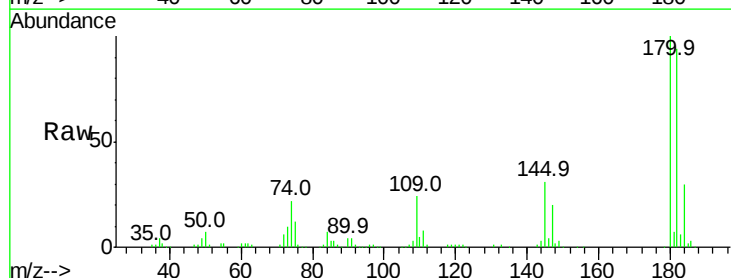


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

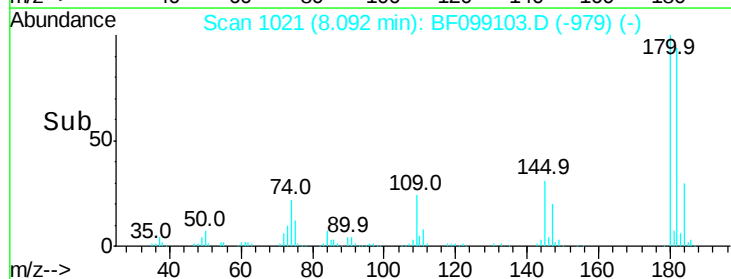
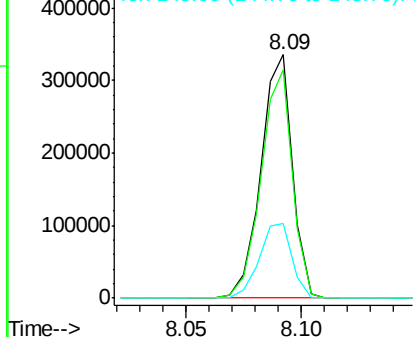


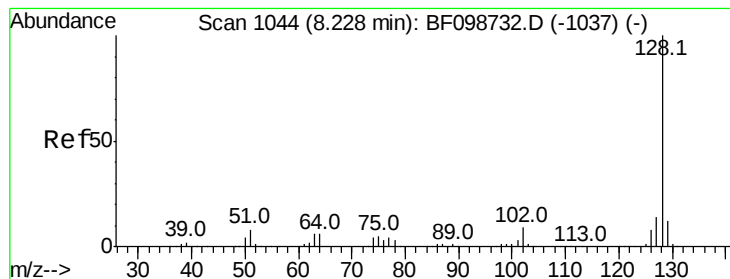
#30
 1,2,4-Trichlorobenzene
 Concen: 40.396 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.8	115.2
145	30.9	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: 39.394 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampleId :

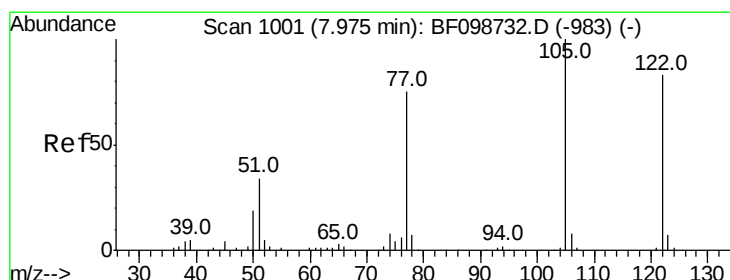
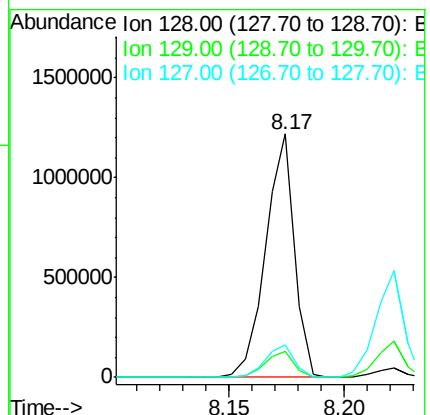
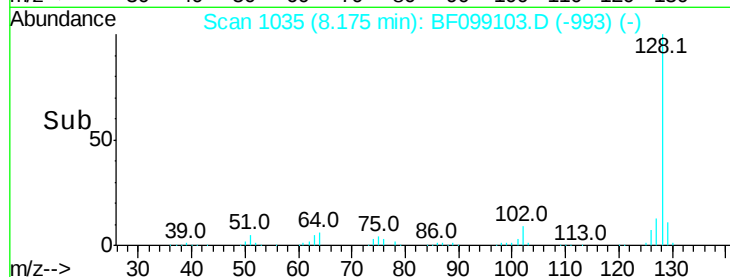
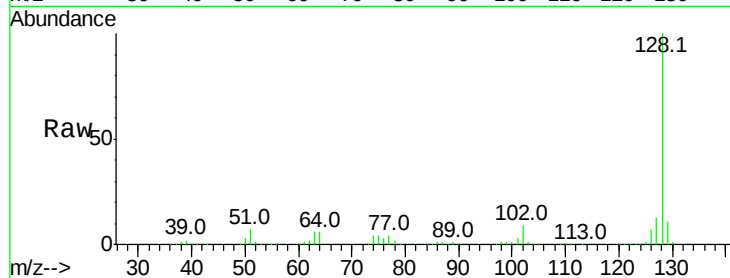
Tot Ion:128 Resp: 1053305

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.5 10.9 16.3



#32

Benzoic acid

Concen: 31.856 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.04 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

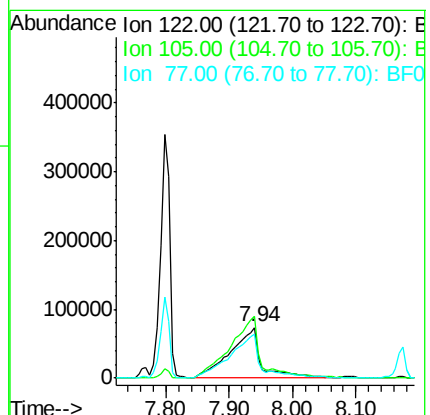
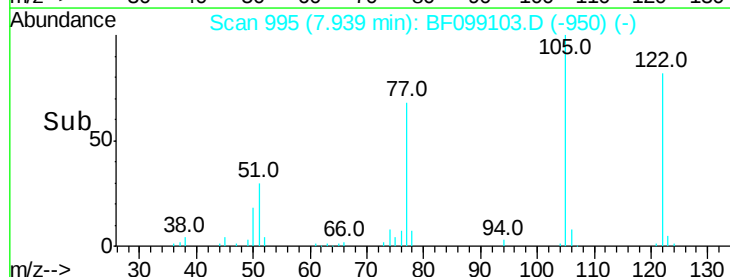
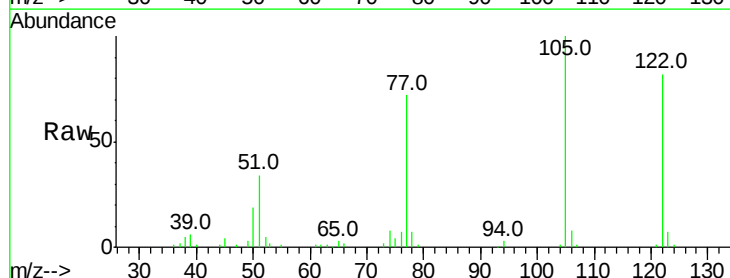
Tgt Ion:122 Resp: 239306

Ion Ratio Lower Upper

122 100

105 121.8 101.1 141.1

77 87.5 70.7 110.7

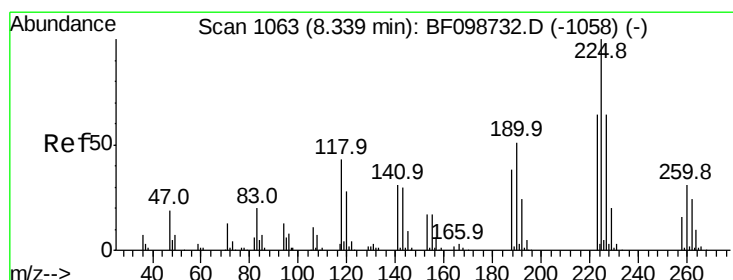
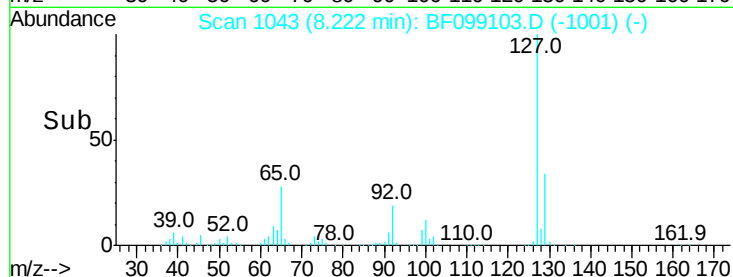
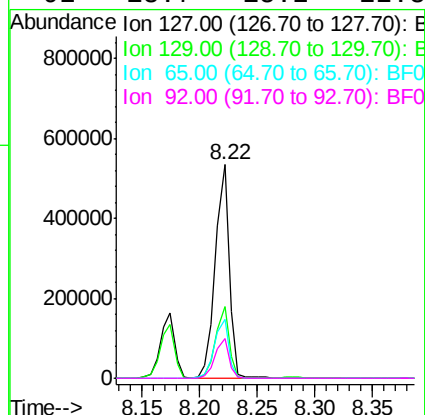
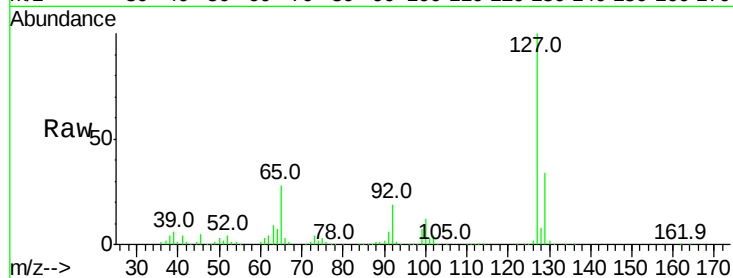




#33
4-Chloroaniline
Concen: 40.502 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

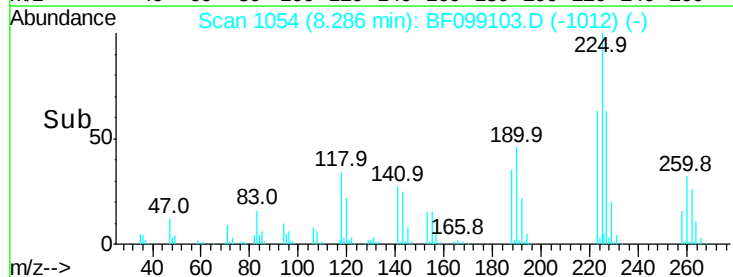
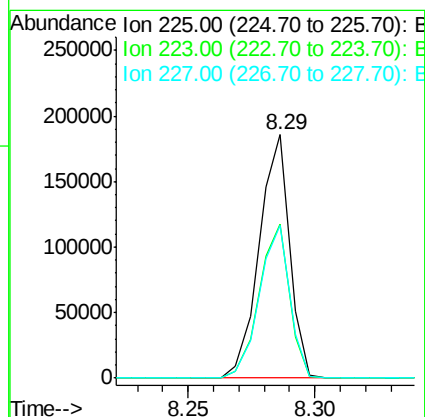
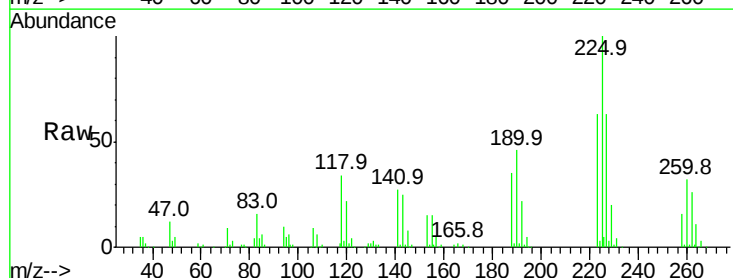
Instrument :
BNA_F
ClientSampleId :

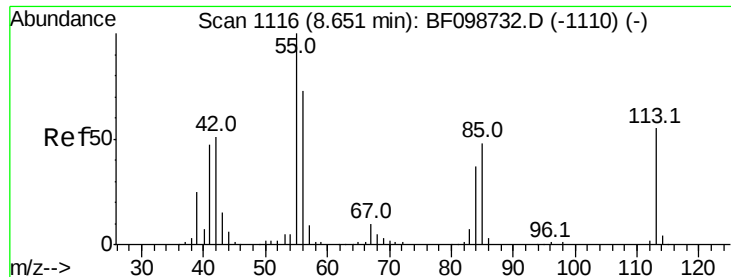
Tot Ion:	127	Resp:	452236
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	27.8	25.0	37.4
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.617 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:	225	Resp:	156200
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	62.6	51.9	77.9

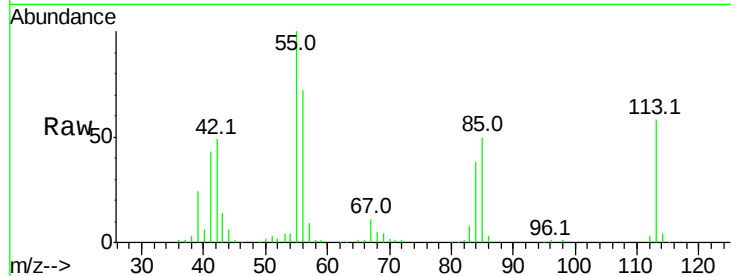




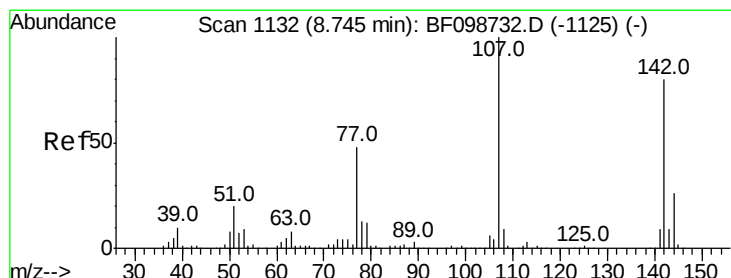
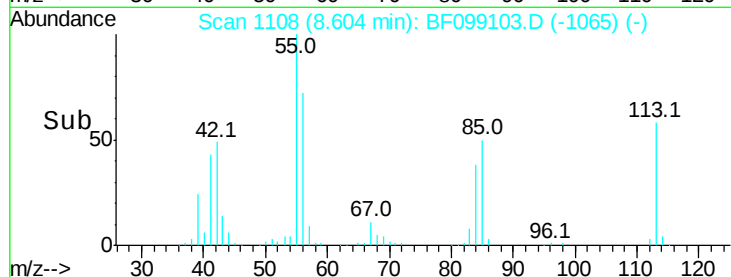
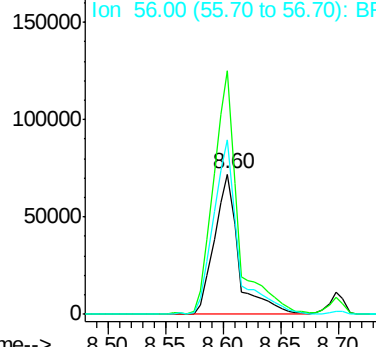
#35
Caprolactam
Concen: 41.771 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 105206
Ion Ratio Lower Upper
113 100
55 173.6 163.3 203.3
56 124.5 115.7 155.7

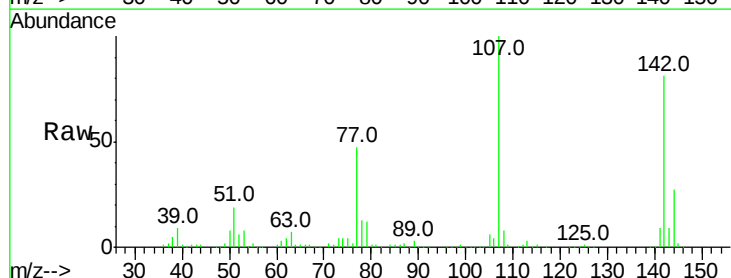


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

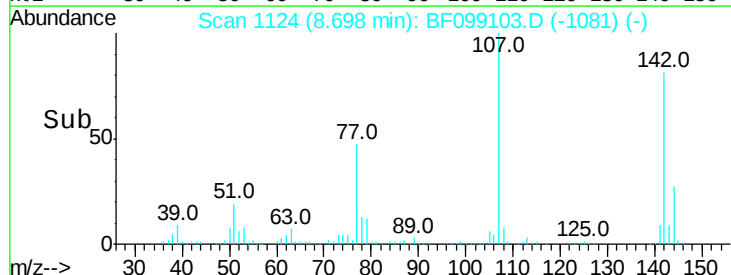
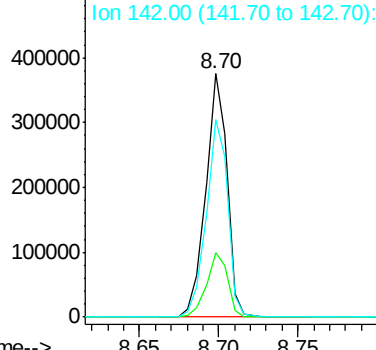


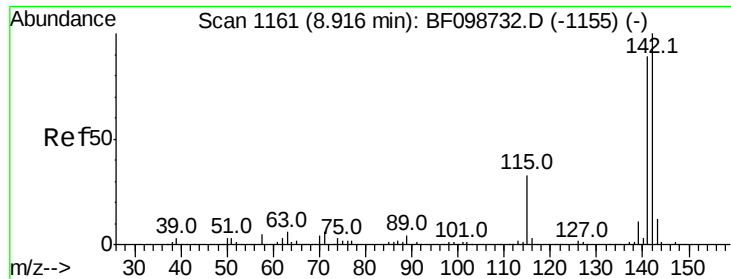
#36
4-Chloro-3-methylphenol
Concen: 39.638 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:107 Resp: 349822
Ion Ratio Lower Upper
107 100
144 26.6 20.5 30.7
142 81.2 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

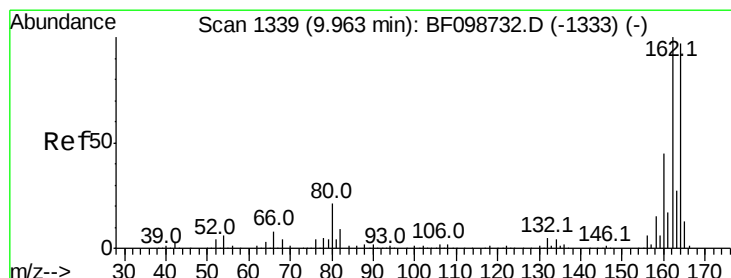
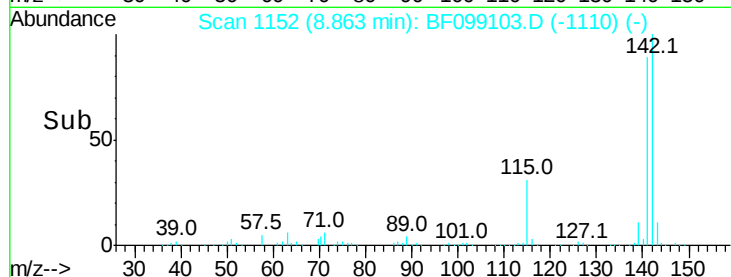
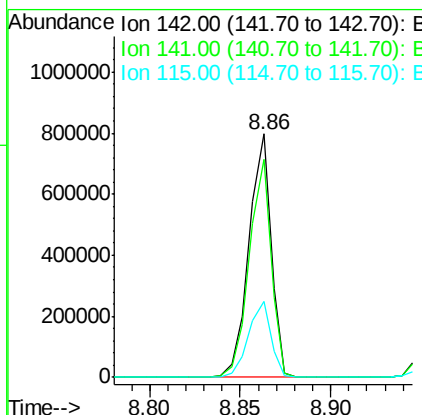
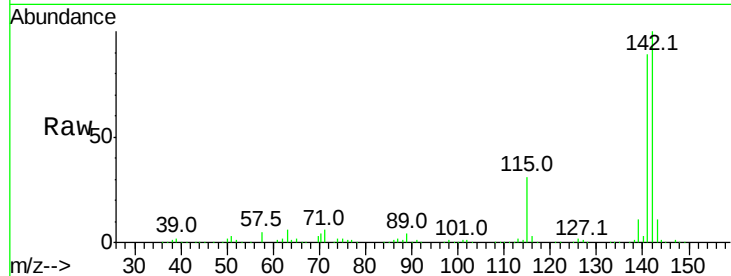




#37
 2-Methylnaphthalene
 Concen: 39.005 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

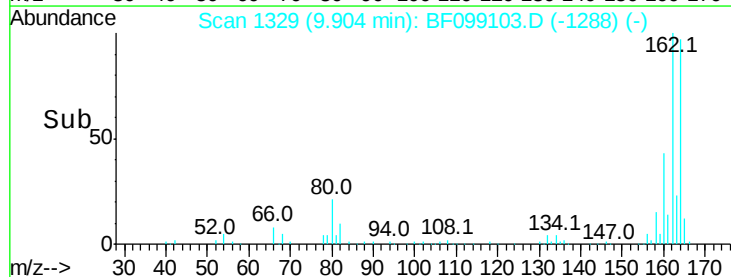
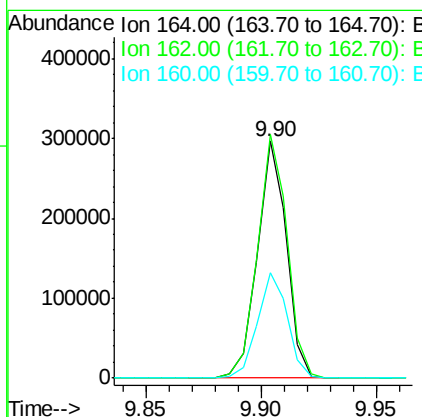
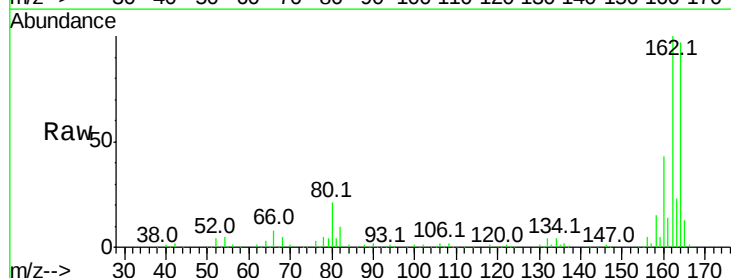
Instrument :
 BNA_F
 ClientSampled :

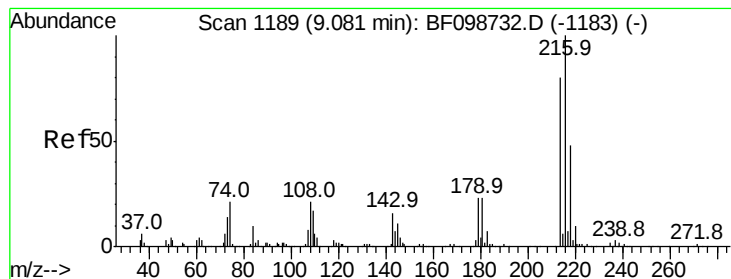
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	31.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.06 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	44.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.171 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 303503

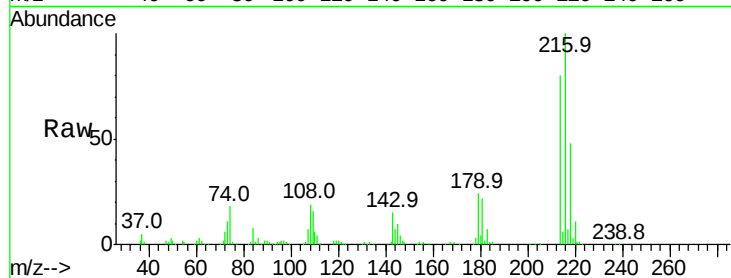
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 23.0 18.1 27.1

108 20.4 17.2 25.8

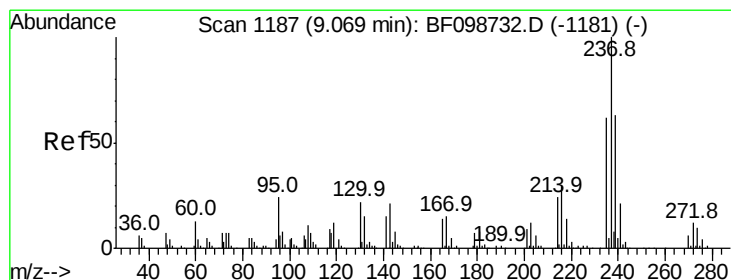
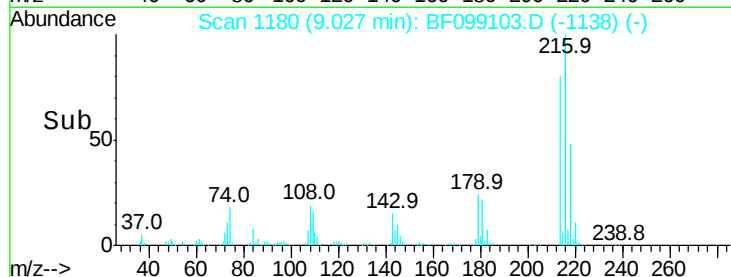
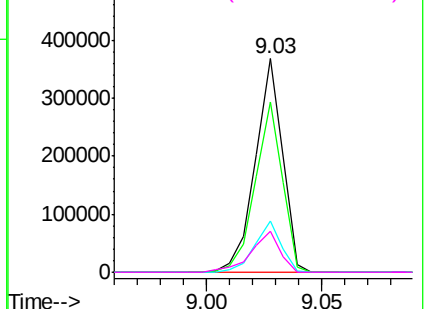


Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.519 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.06 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

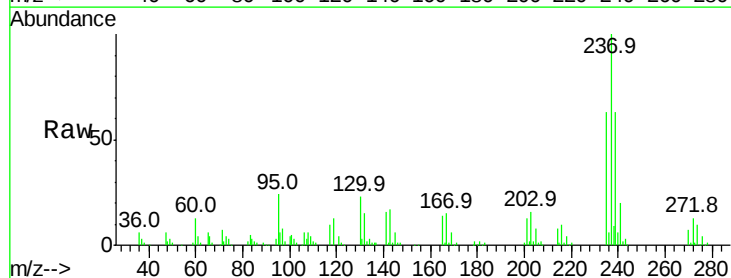
Tgt Ion:237 Resp: 118686

Ion Ratio Lower Upper

237 100

235 62.9 44.8 84.8

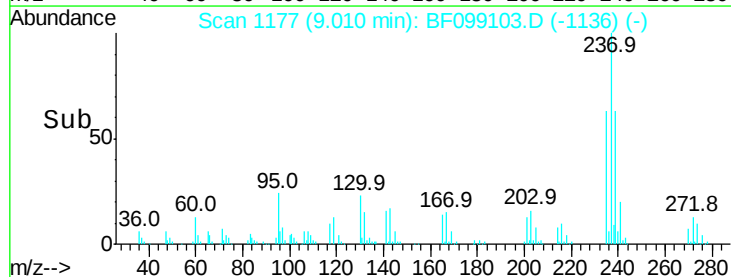
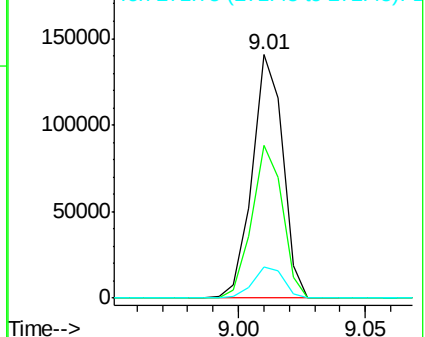
272 12.8 0.0 33.3

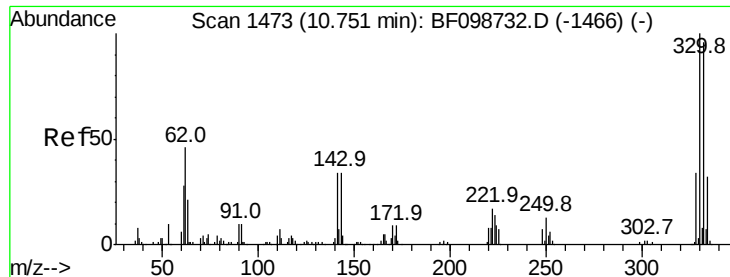


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

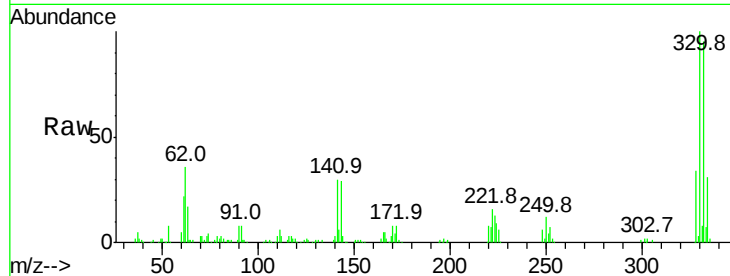




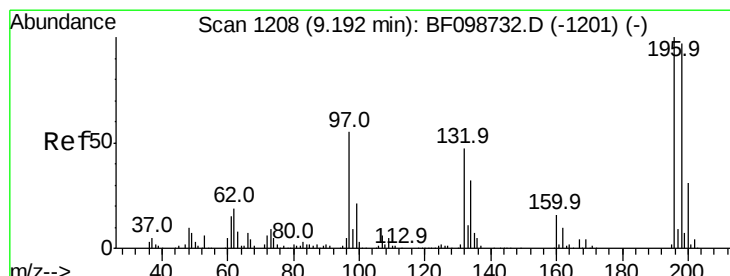
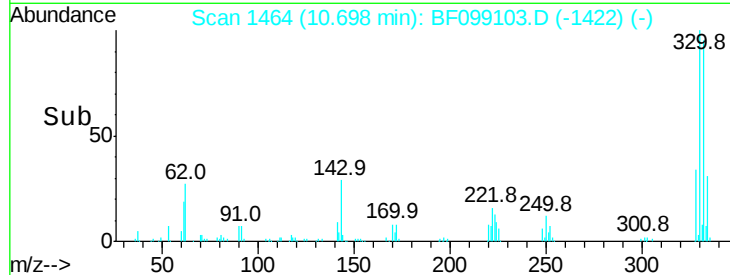
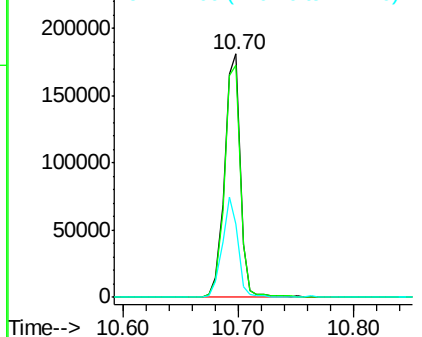
#41
 2,4,6-Tribromophenol
 Concen: 81.384 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	40.6	29.9	44.9

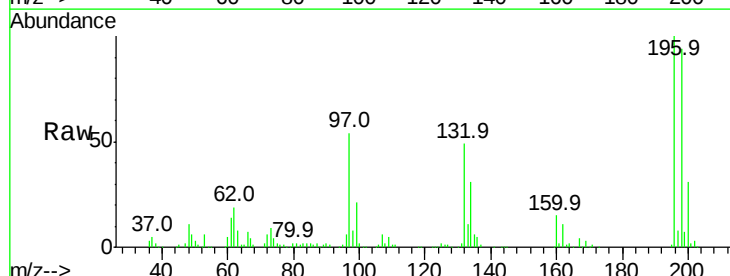


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

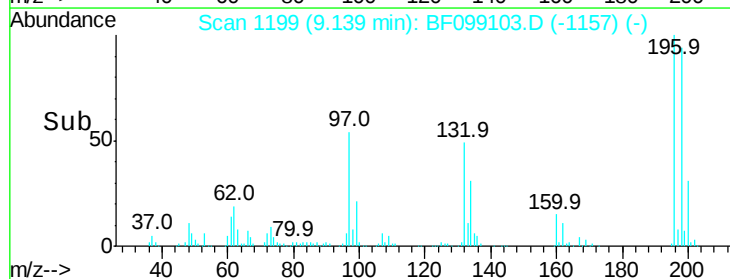
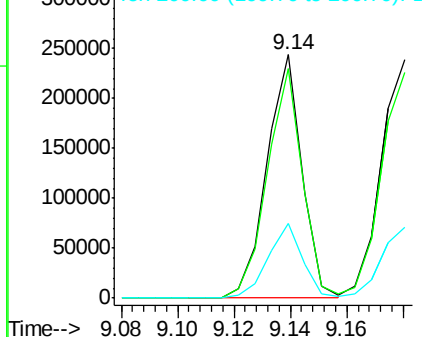


#42
 2,4,6-Trichlorophenol
 Concen: 38.310 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	30.5	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

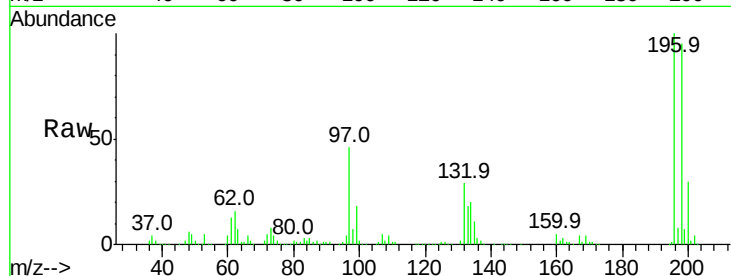




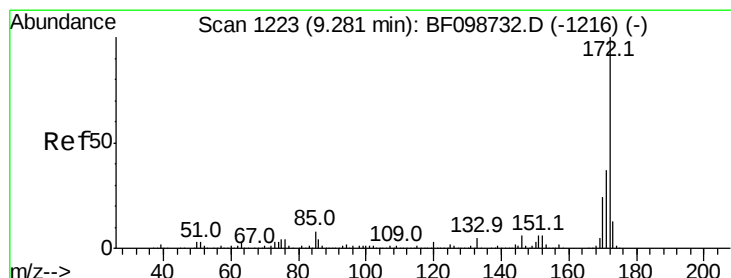
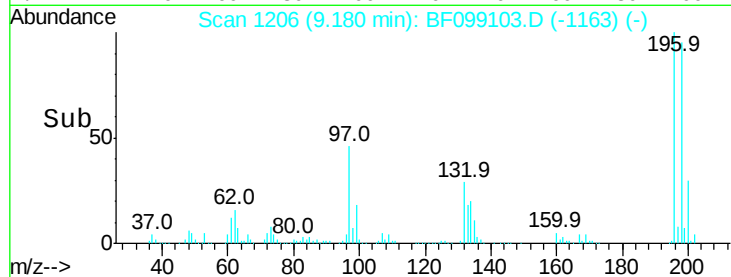
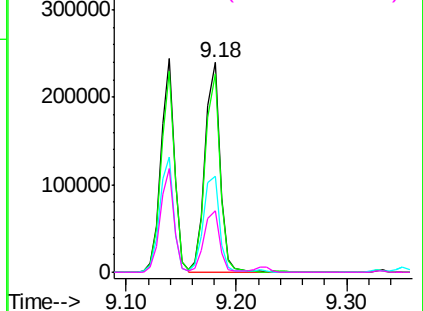
#43
 2,4,5-Trichlorophenol
 Concen: 39.894 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	218600
Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.6	112.0
97	45.8	42.9	64.3
132	29.4	26.3	39.5

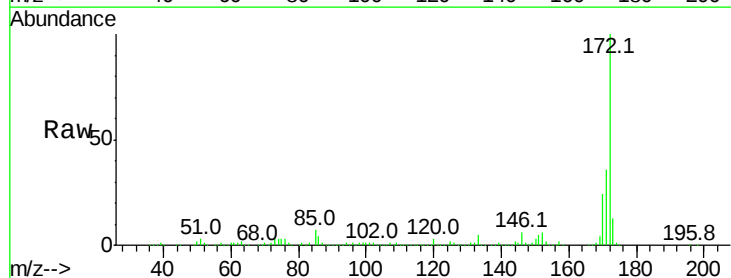


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

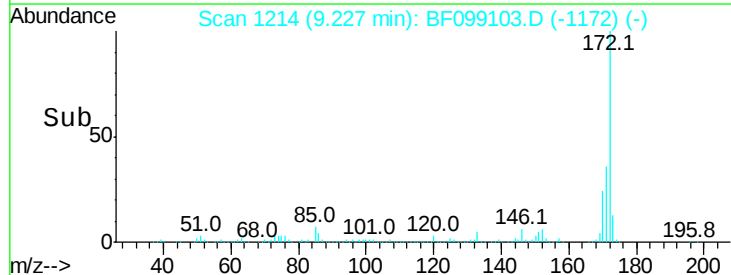
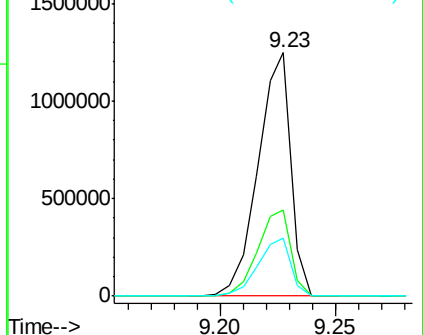


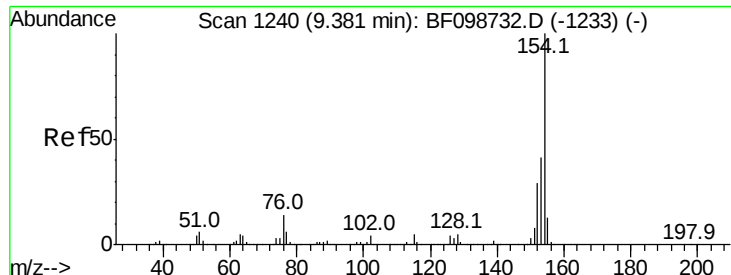
#44
 2-Fluorobiphenyl
 Concen: 78.919 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion:	172	Resp:	1228195
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	24.0	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

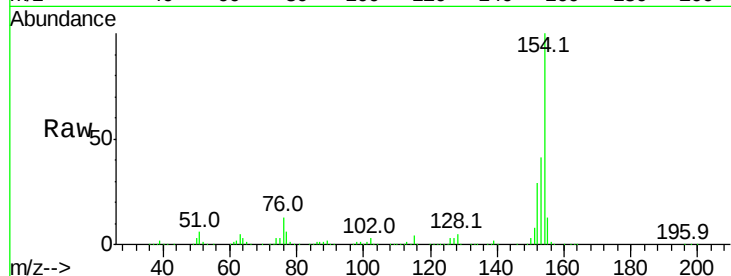




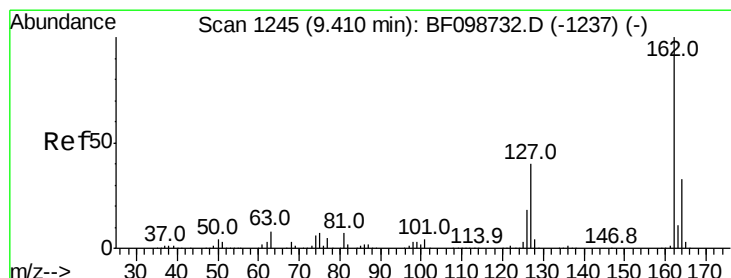
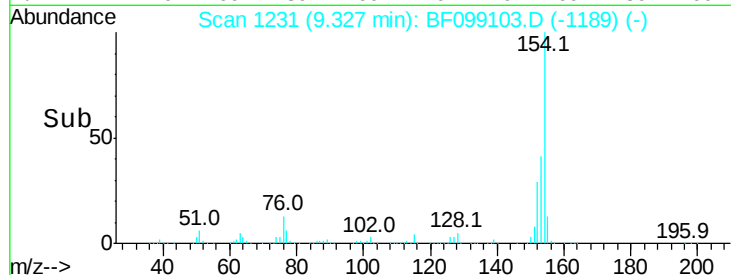
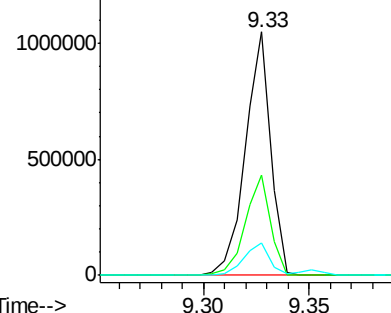
#45
 1,1'-Biphenyl
 Concen: 39.034 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 871589
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 13.1 0.0 34.0

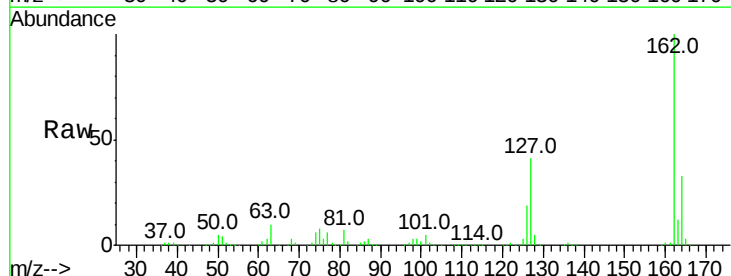


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

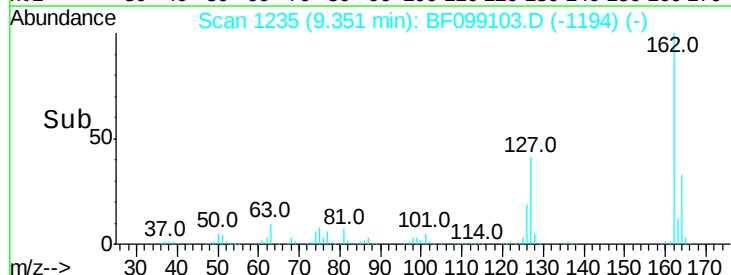
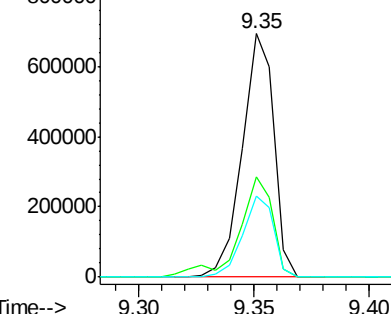


#46
 2-Chloronaphthalene
 Concen: 39.536 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.06 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion:162 Resp: 662827
 Ion Ratio Lower Upper
 162 100
 127 41.3 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

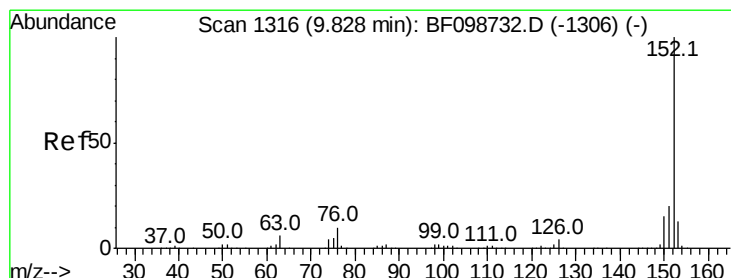
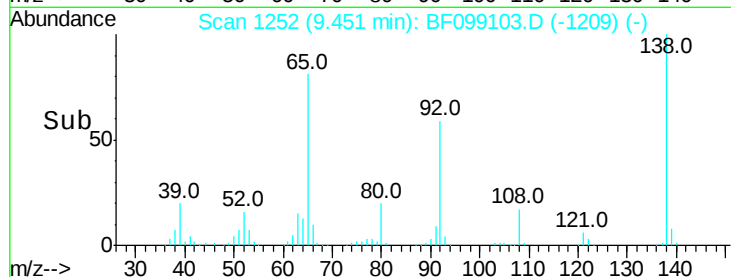
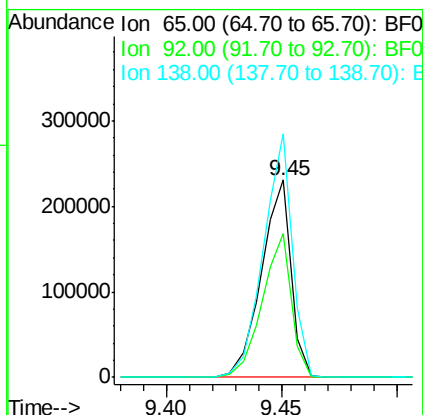
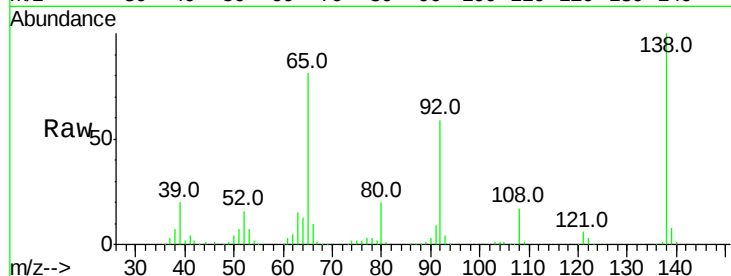




#47
 2-Nitroaniline
 Concen: 40.278 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

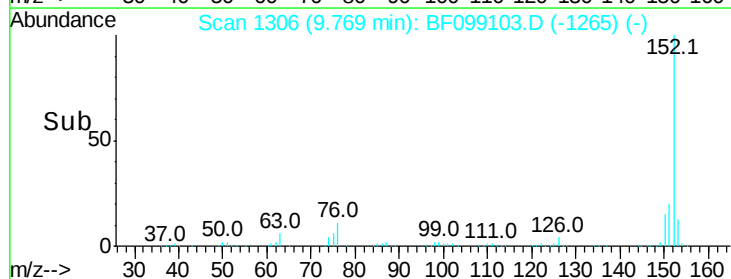
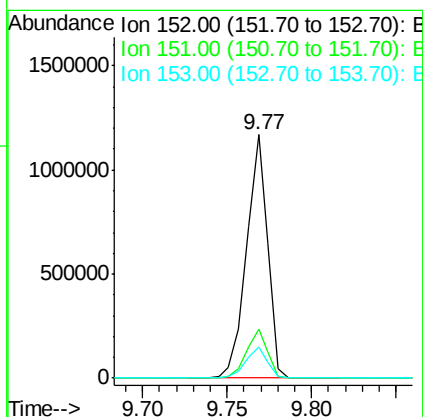
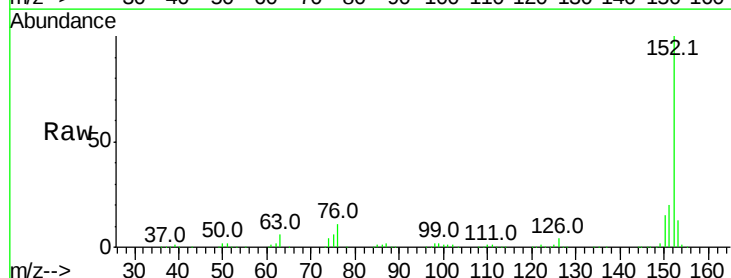
Instrument :
 BNA_F
 ClientSampleId :

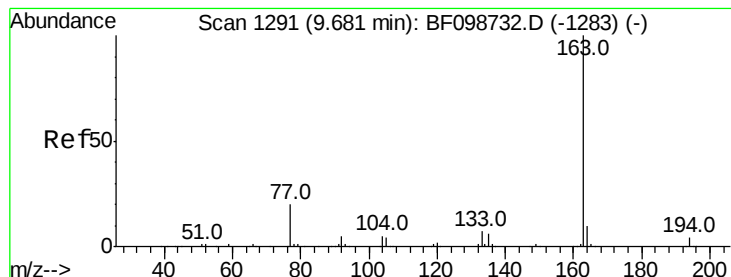
Tot Ion: 65 Resp: 206765
 Ion Ratio Lower Upper
 65 100
 92 72.8 55.8 83.6
 138 123.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.776 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.06 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion:152 Resp: 1020819
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.3 24.5
 153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 39.449 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampled :

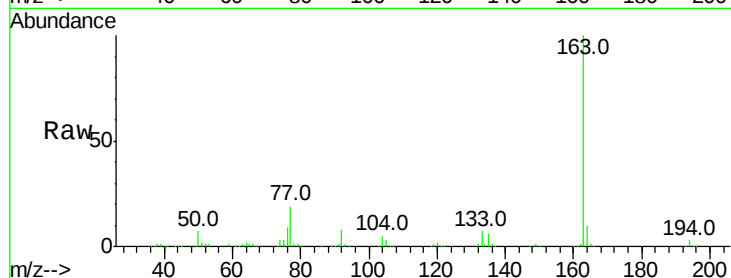
Tot Ion:163 Resp: 773552

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

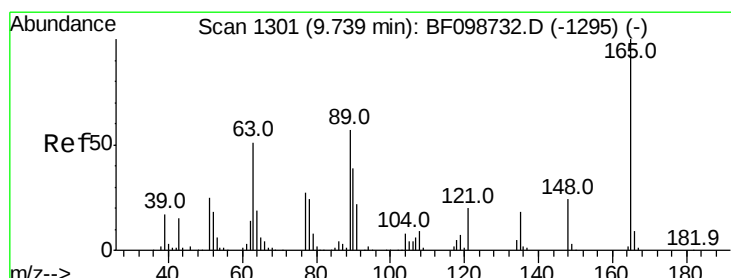
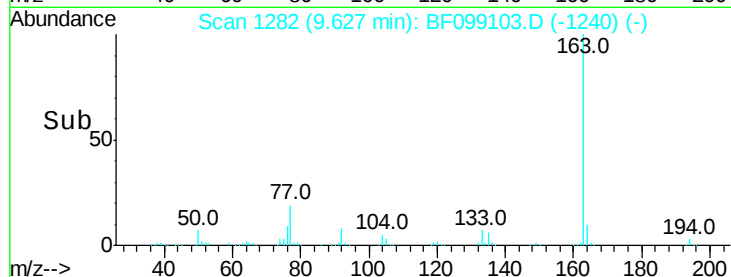
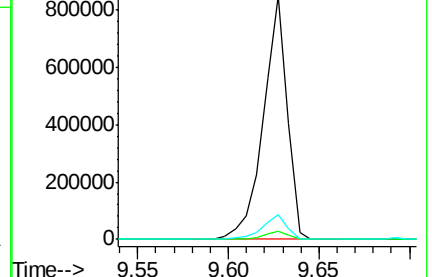
164 10.2 8.2 12.2



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: 41.649 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

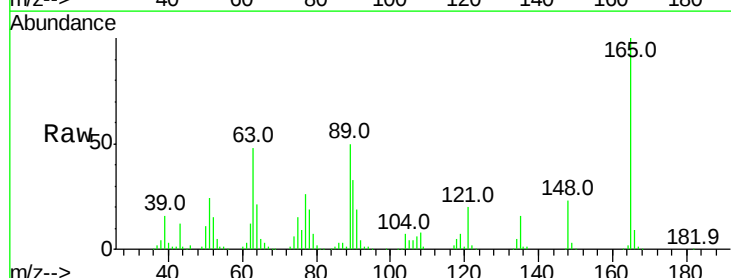
Tgt Ion:165 Resp: 177797

Ion Ratio Lower Upper

165 100

63 48.4 44.7 67.1

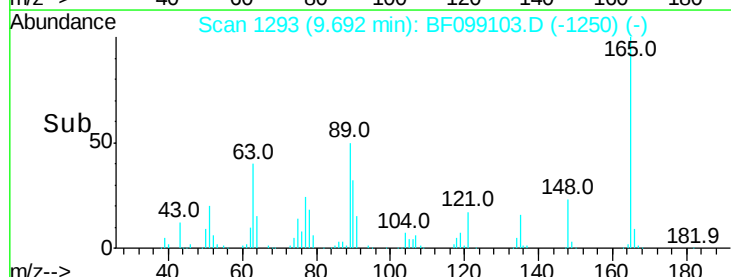
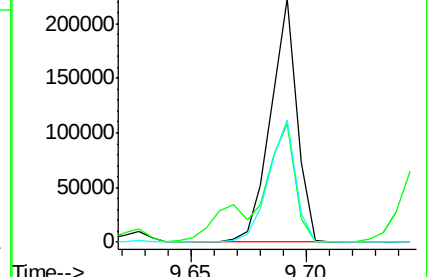
89 50.2 44.0 66.0

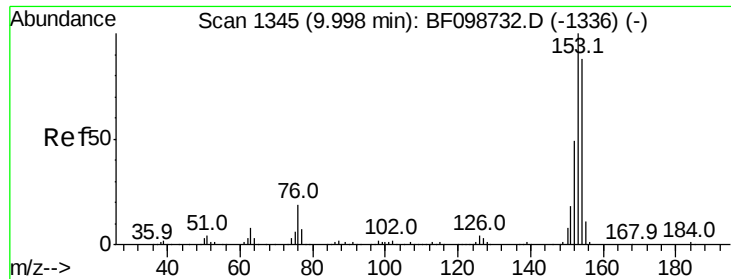


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.740 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.06 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampleId :

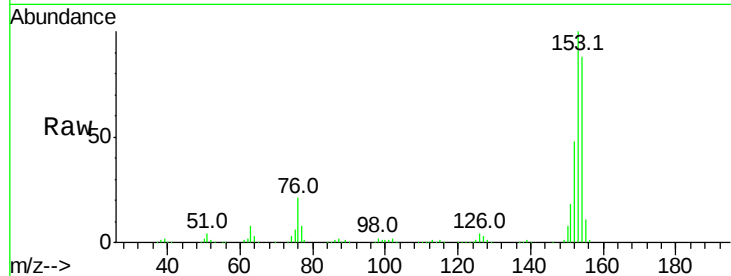
Tot Ion:154 Resp: 597288

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

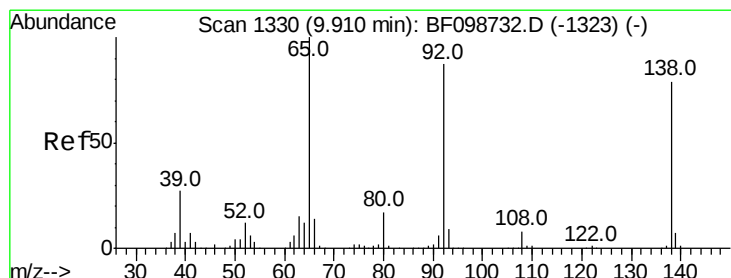
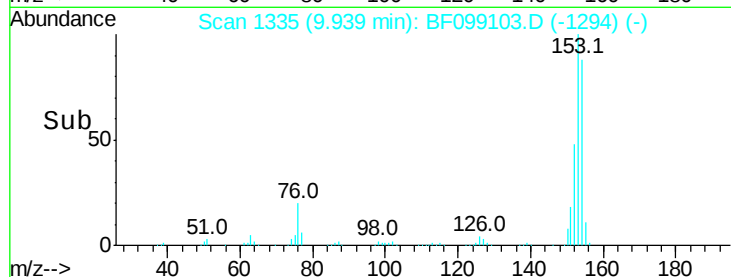
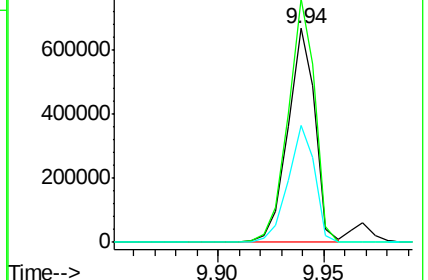
152 54.8 43.8 65.8



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: 43.319 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

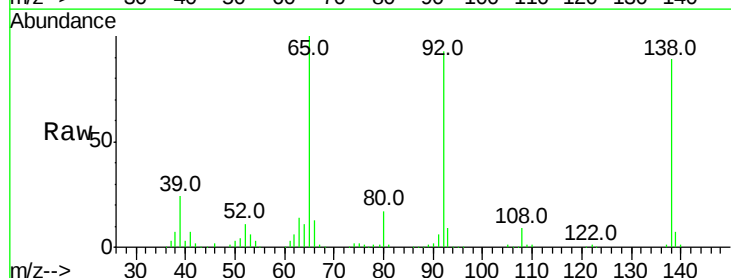
Tgt Ion:138 Resp: 215626

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

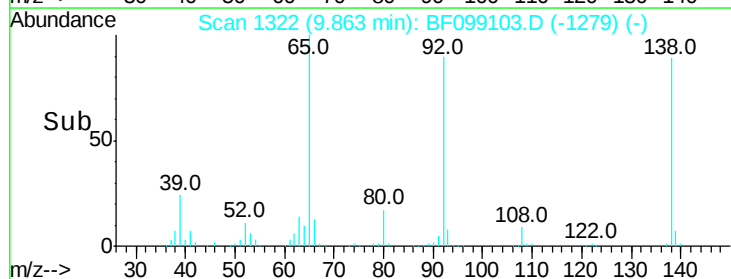
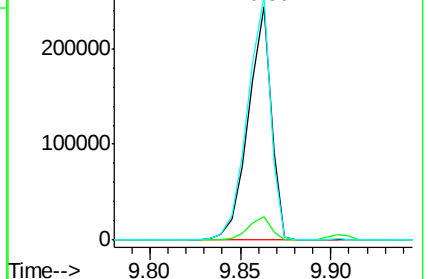
92 104.3 89.4 134.2



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

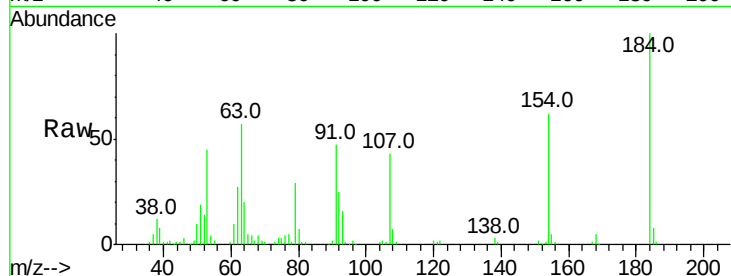




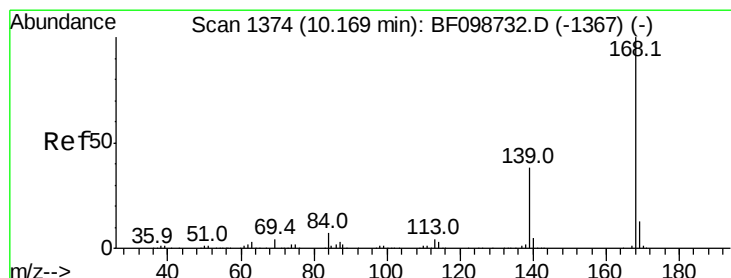
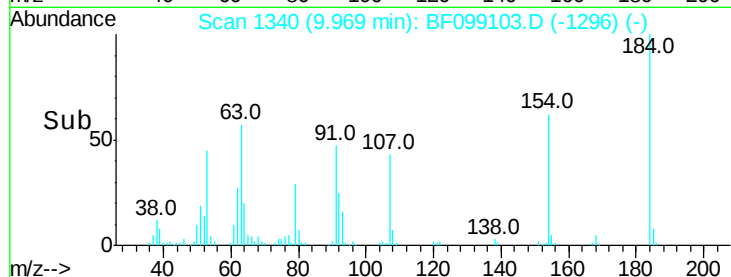
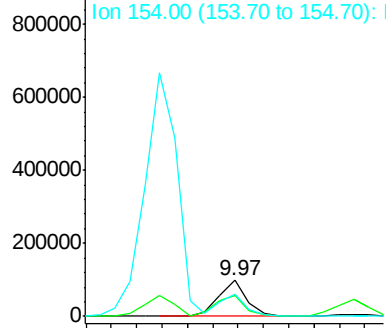
#53
2,4-Dinitrophenol
Concen: 37.548 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.04 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 76038
Ion Ratio Lower Upper
184 100
63 56.7 54.2 81.2
154 61.6 53.5 80.3

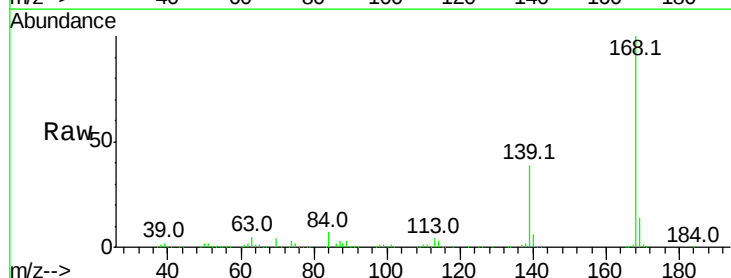


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

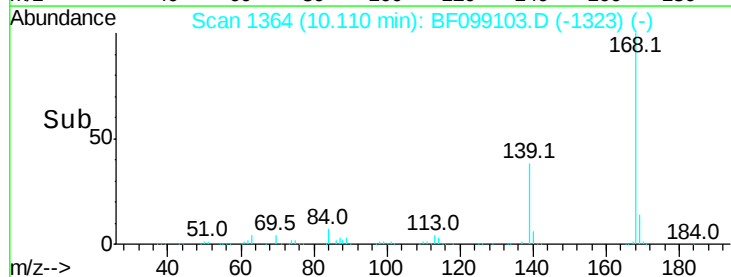
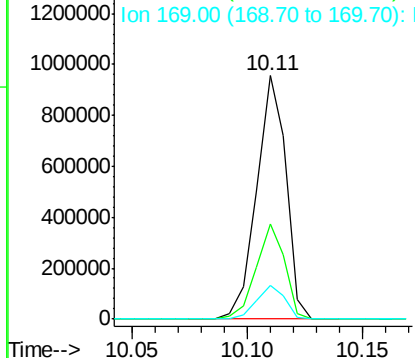


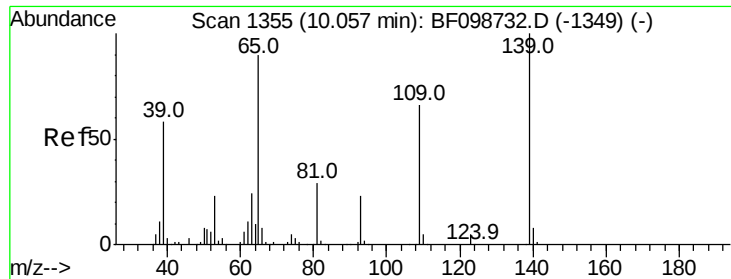
#54
Dibenzofuran
Concen: 39.351 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.06 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:168 Resp: 851787
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 13.8 10.9 16.3



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

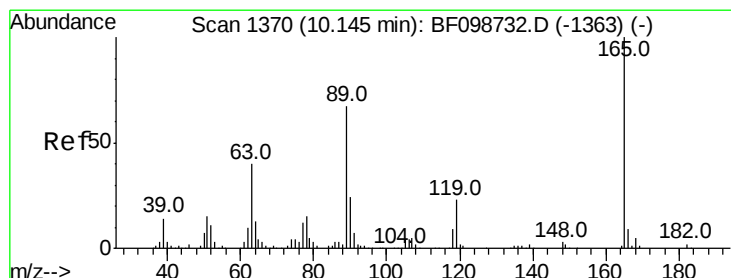
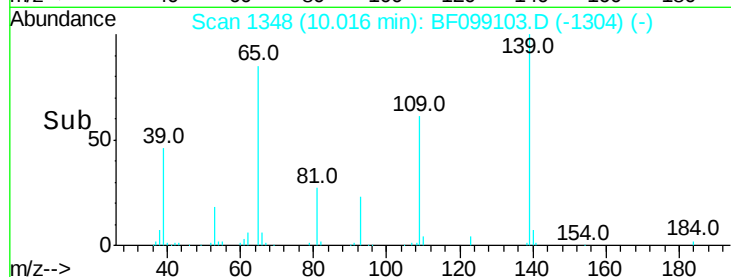
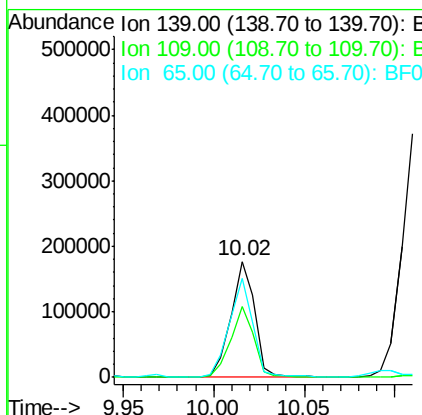
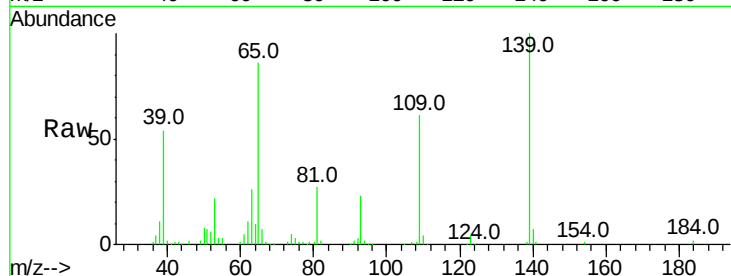




#55
4-Nitrophenol
Concen: 38.868 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.04 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

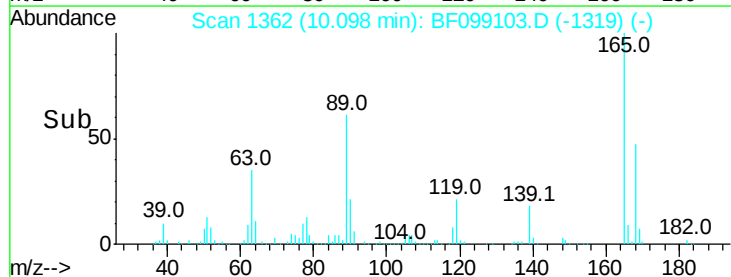
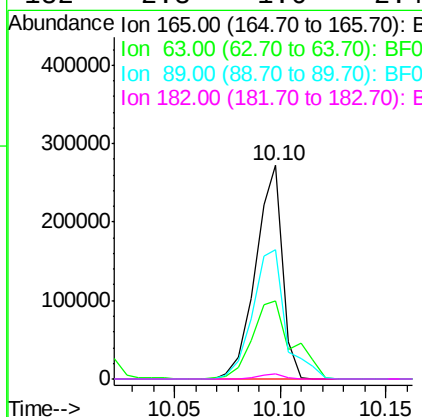
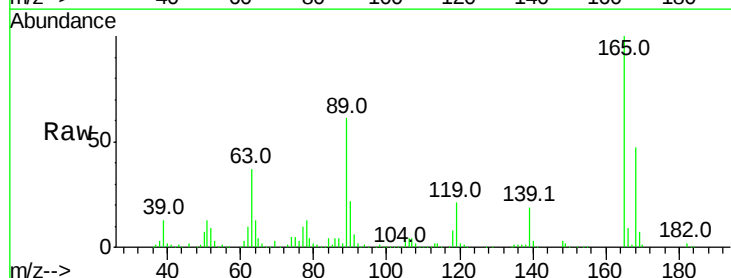
Instrument :
BNA_F
ClientSampled :

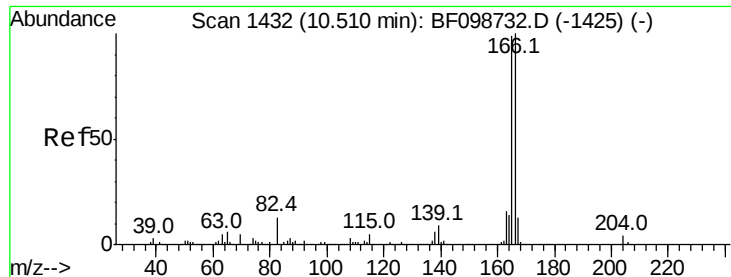
Tot Ion:139 Resp: 163591
Ion Ratio Lower Upper
139 100
109 61.2 48.4 88.4
65 85.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.247 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:165 Resp: 239604
Ion Ratio Lower Upper
165 100
63 36.7 36.4 54.6
89 60.7 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 39.824 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

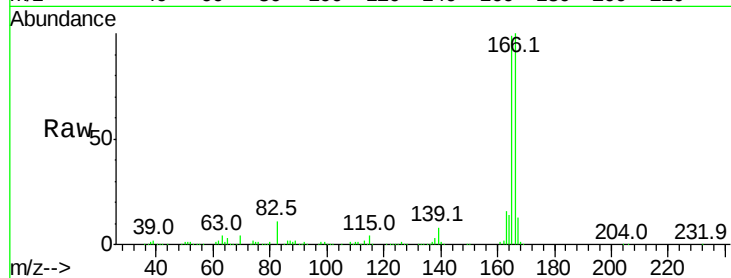
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 692857

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.1	10.6	16.0

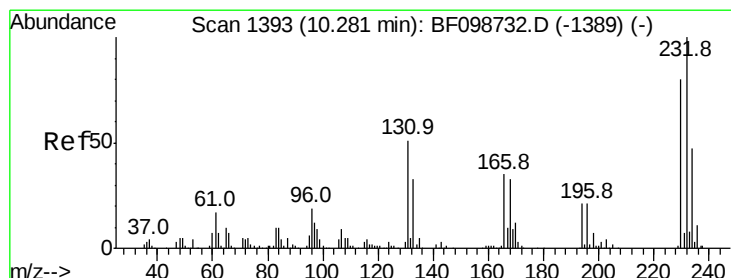
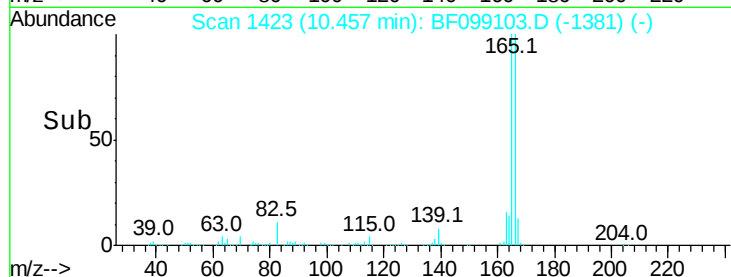
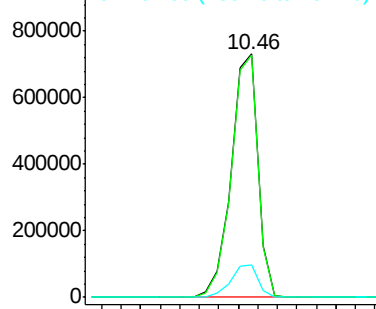


Abundance

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: 39.337 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Tgt Ion:232 Resp: 148897

Ion	Ratio	Lower	Upper
232	100		
131	53.9	43.8	65.8
130	2.6	2.1	3.1
166	37.1	27.8	41.6

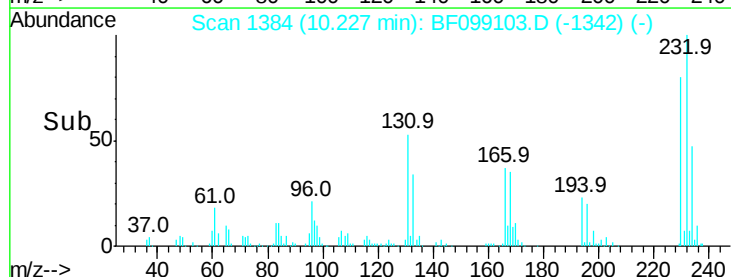
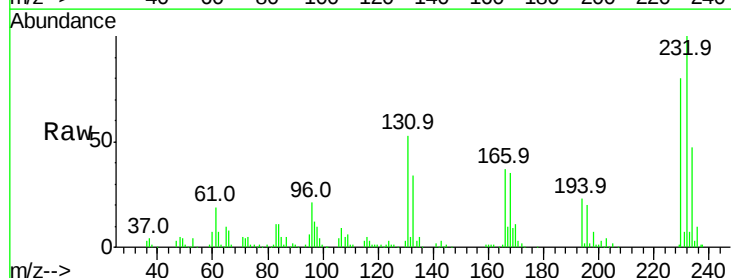
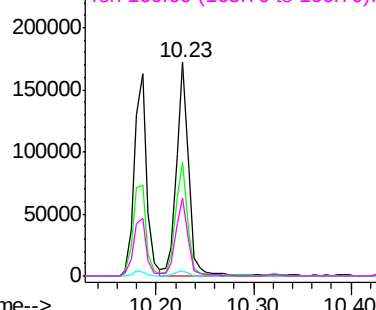
Abundance

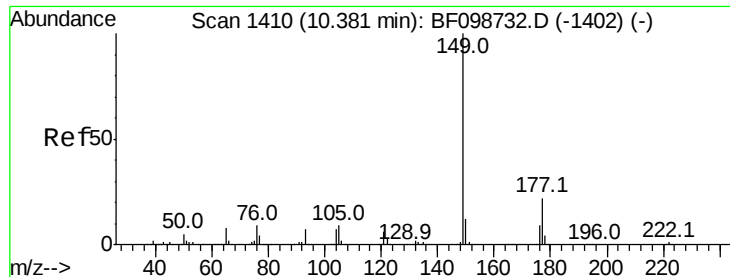
Ion 232.00 (231.70 to 232.70): E

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

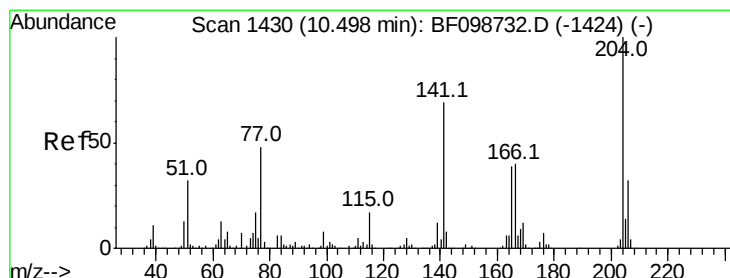
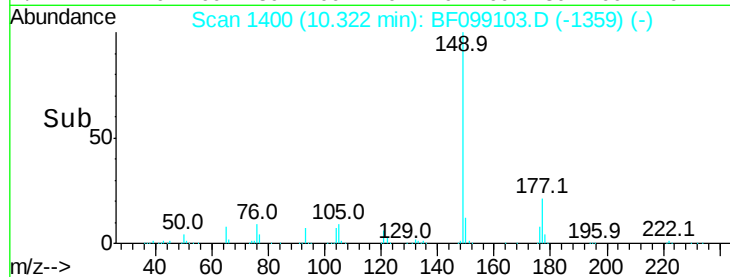
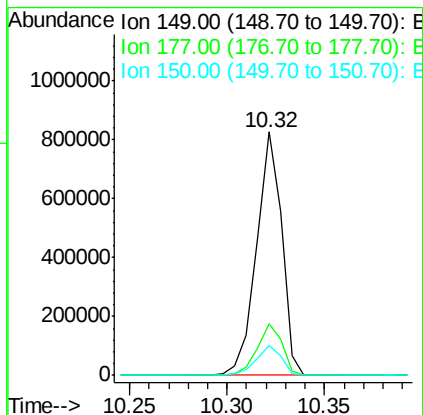
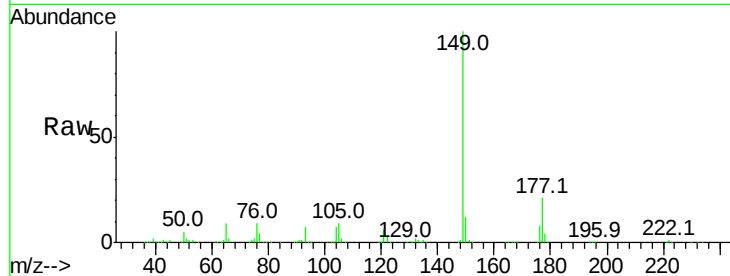




#59
Diethylphthalate
Concen: 38.691 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.06 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

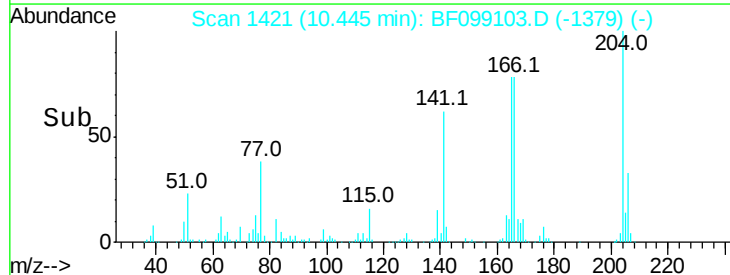
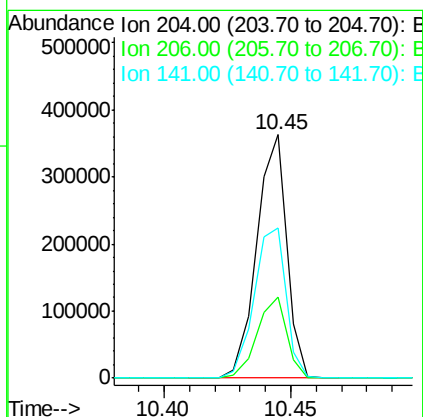
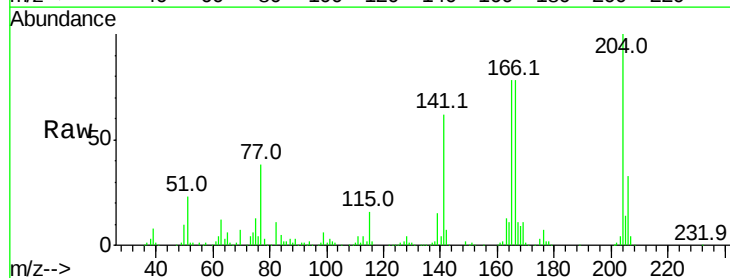
Instrument :
BNA_F
ClientSampled :

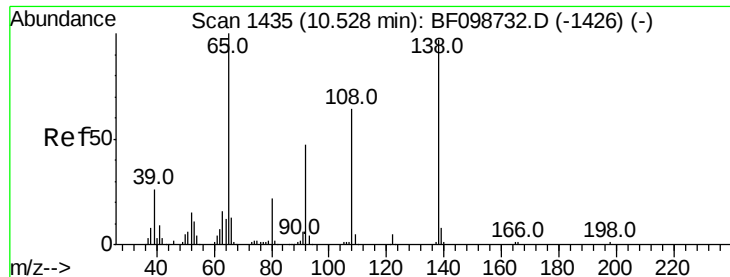
Tot Ion:149 Resp: 741352
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.518 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:204 Resp: 301025
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 61.7 54.6 81.8

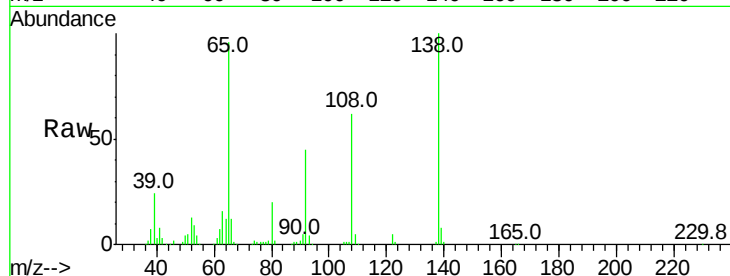




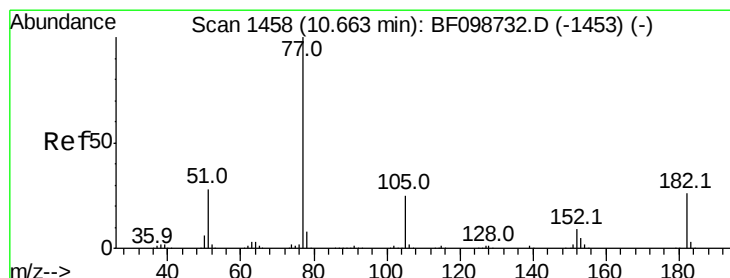
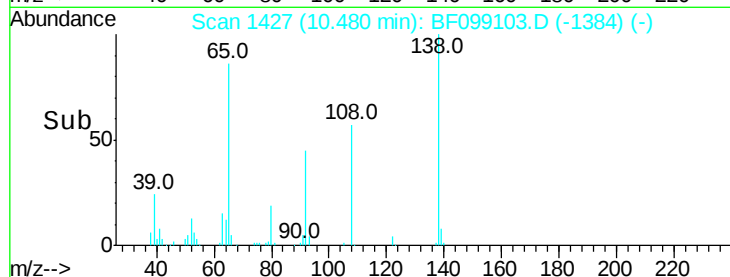
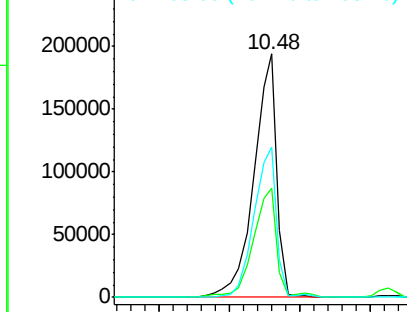
#61
4-Nitroaniline
Concen: 45.774 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 219817
Ion Ratio Lower Upper
138 100
92 44.8 30.2 70.2
108 61.7 52.5 92.5

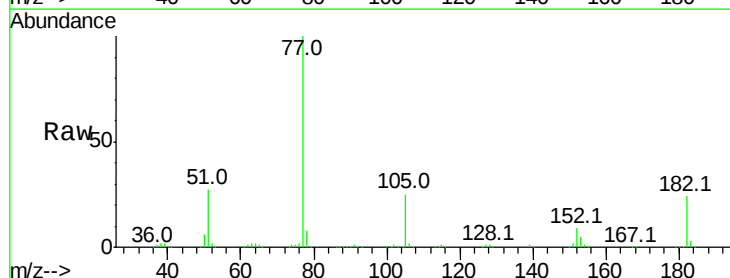


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

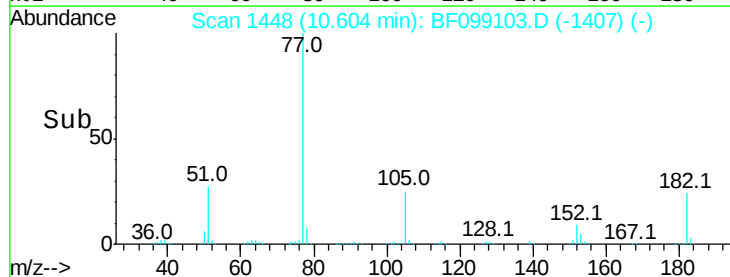
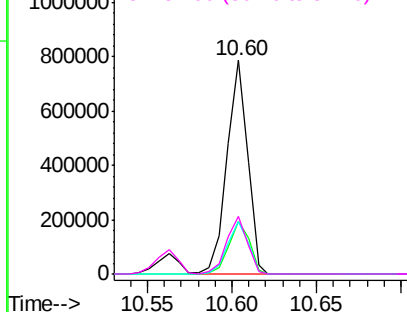


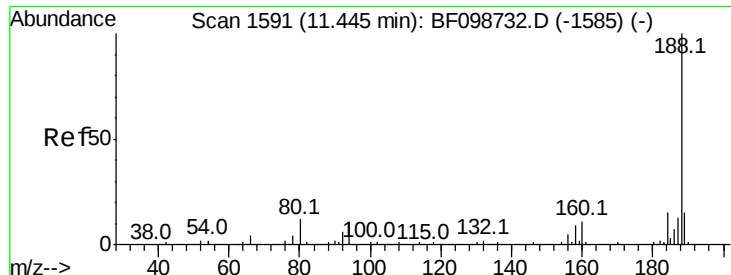
#62
Azobenzene
Concen: 37.782 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.06 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion: 77 Resp: 665637
Ion Ratio Lower Upper
77 100
182 24.3 1.7 41.7
105 24.6 3.0 43.0
51 27.1 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

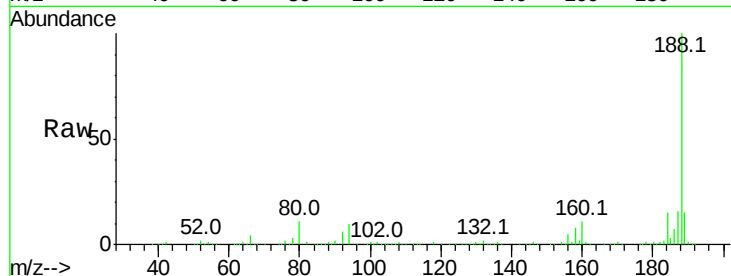




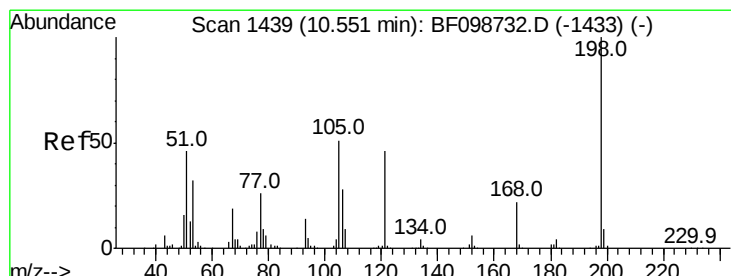
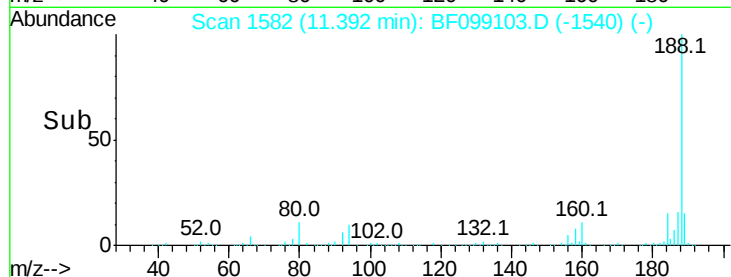
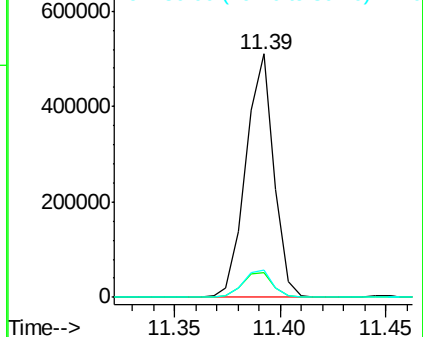
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 467324
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 11.1 9.2 13.8

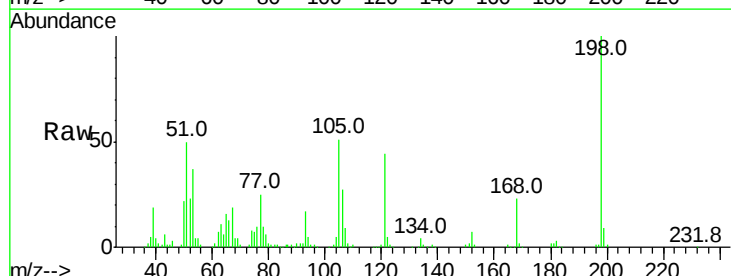


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

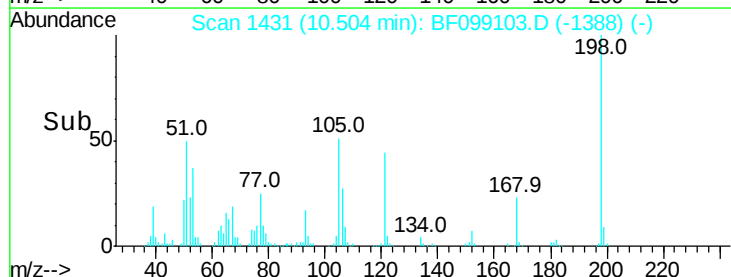
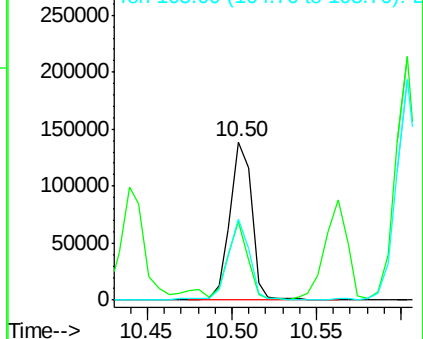


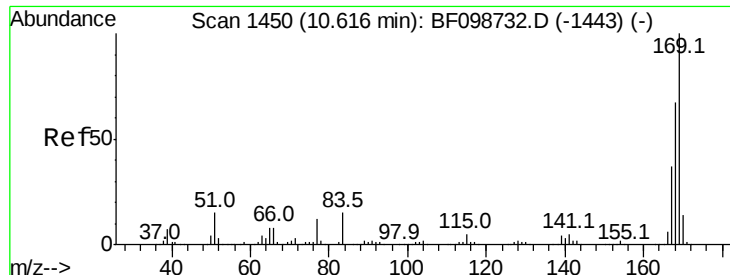
#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.154 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion:198 Resp: 125543
 Ion Ratio Lower Upper
 198 100
 51 49.9 37.7 77.7
 105 51.2 36.3 76.3



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

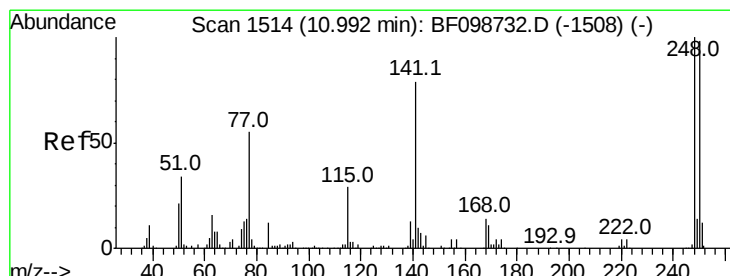
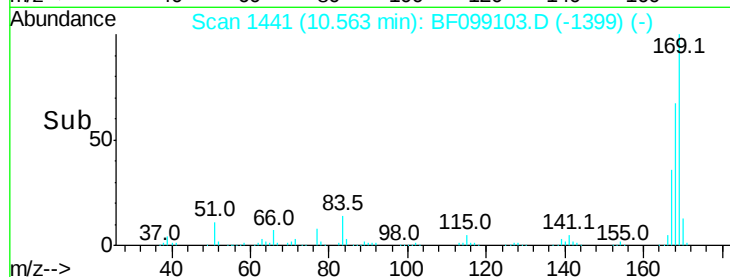
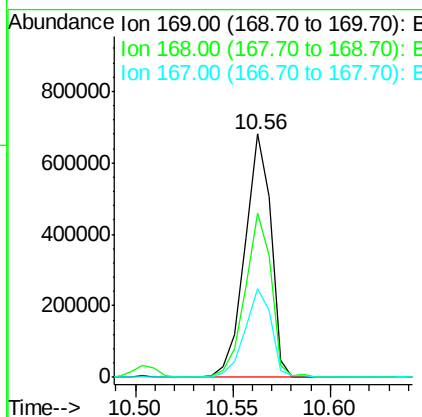
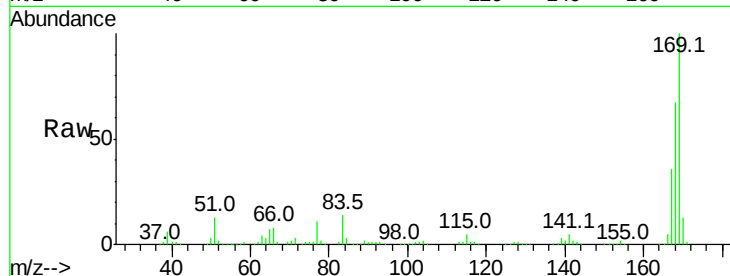




#65
n-Nitrosodiphenylamine
Concen: 38.925 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

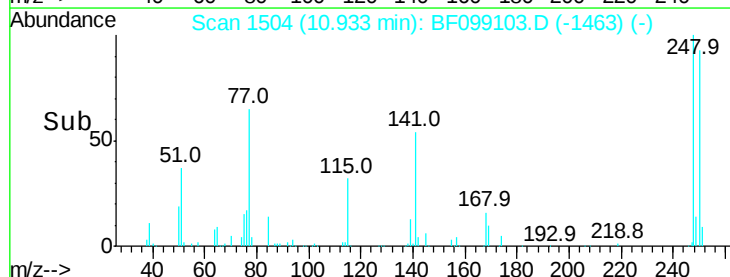
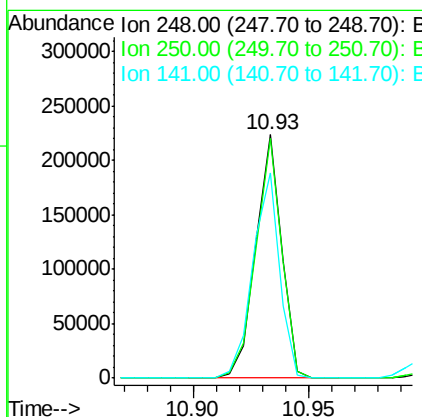
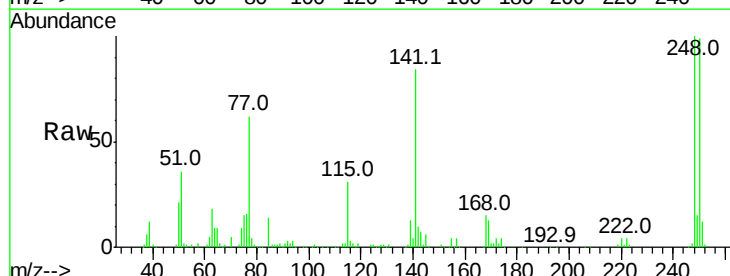
Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 630179
Ion Ratio Lower Upper
169 100
168 67.3 54.4 81.6
167 36.5 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 38.697 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.06 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:248 Resp: 177013
Ion Ratio Lower Upper
248 100
250 98.5 76.9 115.3
141 84.1 74.4 111.6





#67

Hexachlorobenzene

Concen: 39.414 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampleId :

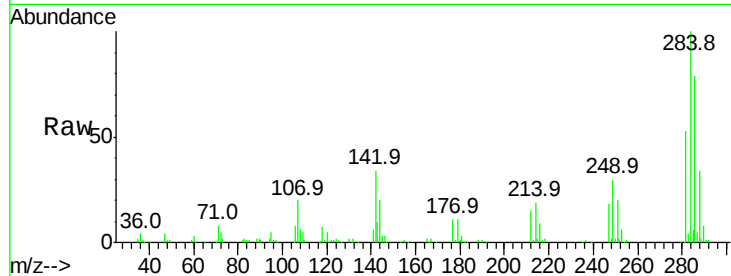
Tot Ion:284 Resp: 192560

Ion Ratio Lower Upper

284 100

142 34.1 34.6 52.0#

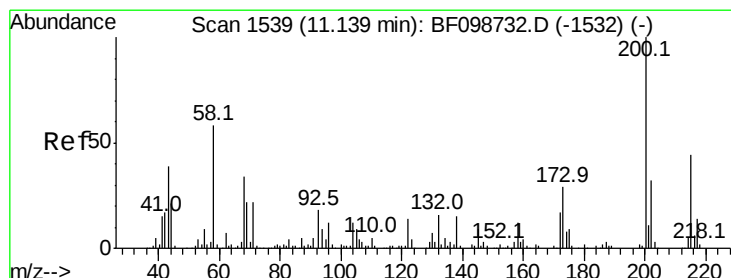
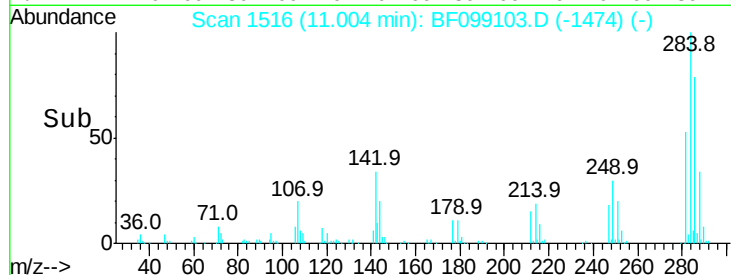
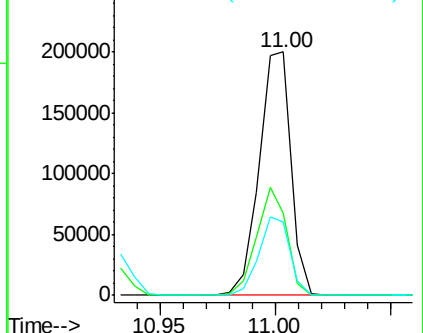
249 30.1 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.757 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

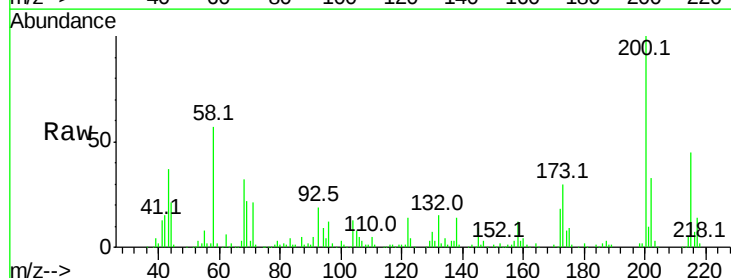
Tgt Ion:200 Resp: 193653

Ion Ratio Lower Upper

200 100

173 29.5 8.6 48.6

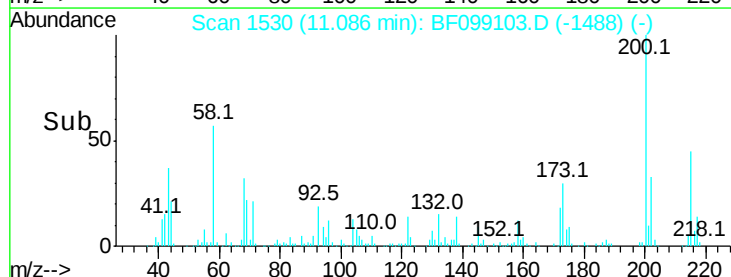
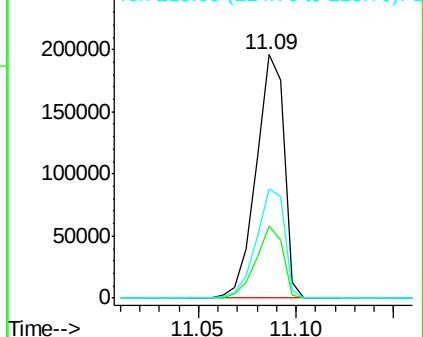
215 44.6 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

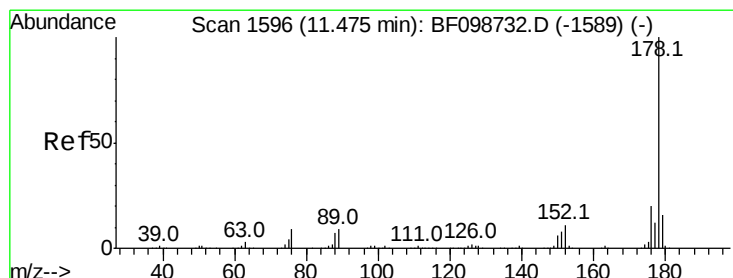
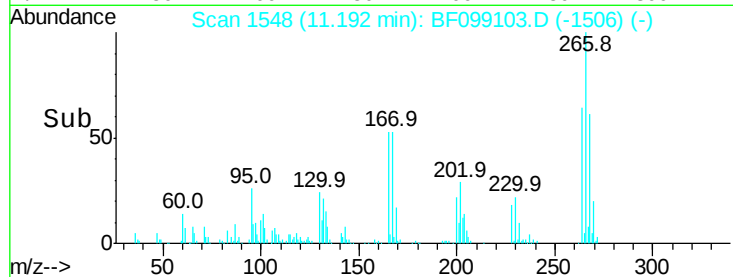
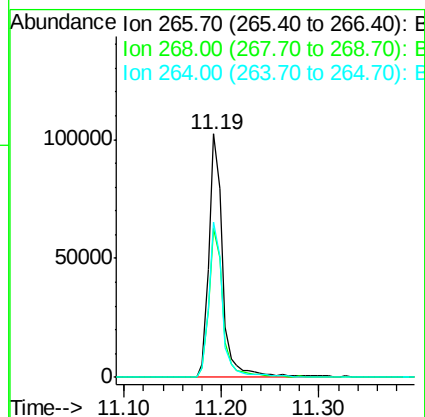
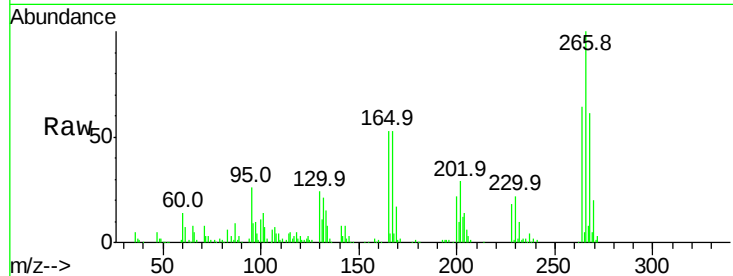




#69
 Pentachlorophenol
 Concen: 33.372 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.05 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

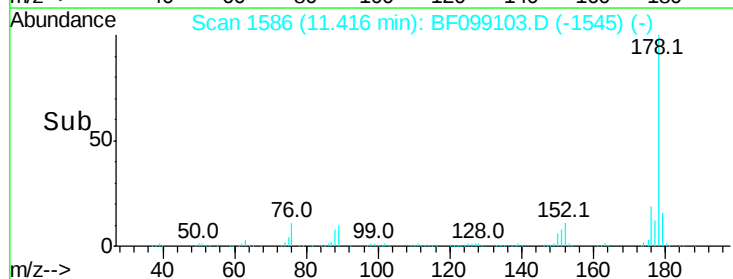
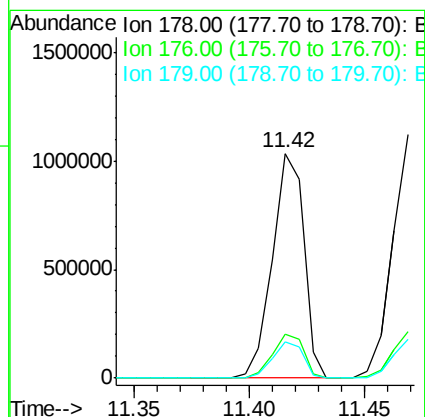
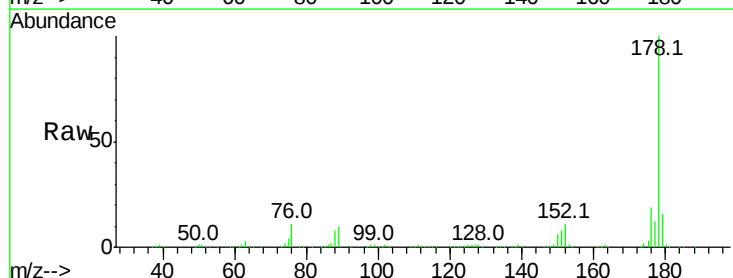
Instrument :
 BNA_F
 ClientSampled :

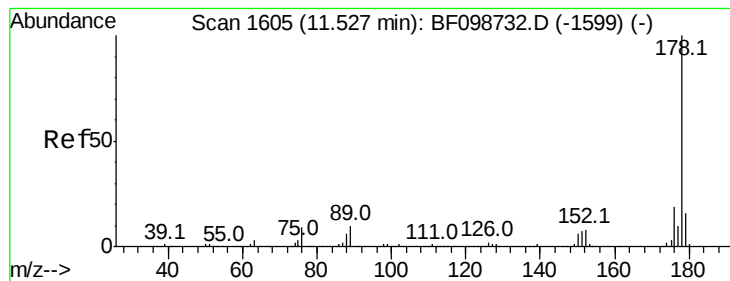
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	63.8	49.5	74.3



#70
 Phenanthrene
 Concen: 39.234 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.06 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.9	13.0	19.6





#71

Anthracene

Concen: 39.397 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.06 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

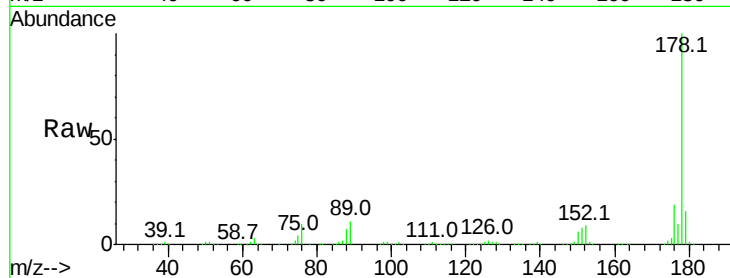
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1008357

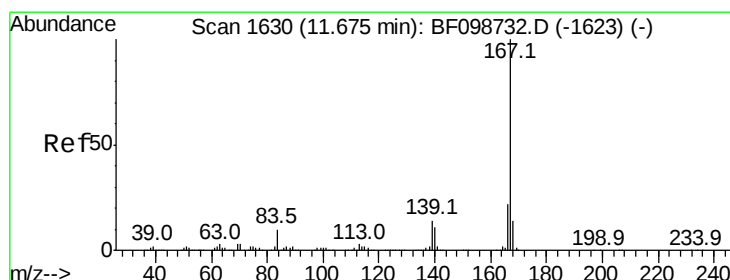
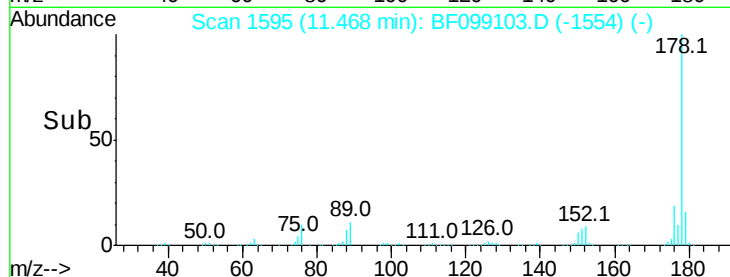
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.9	12.6	19.0



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: 40.009 ng

RT: 11.62 min Scan# 1621

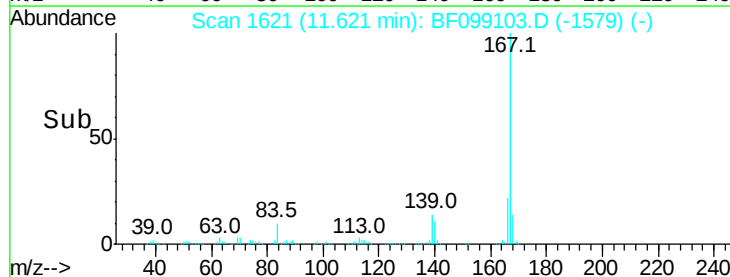
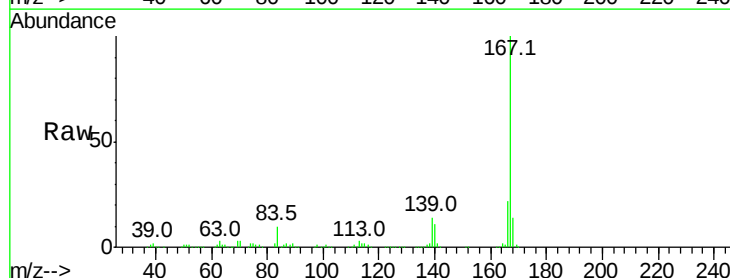
Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Tgt Ion:167 Resp: 1002789

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.7	10.9	16.3

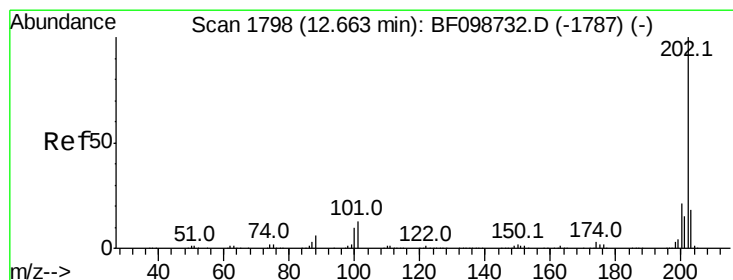
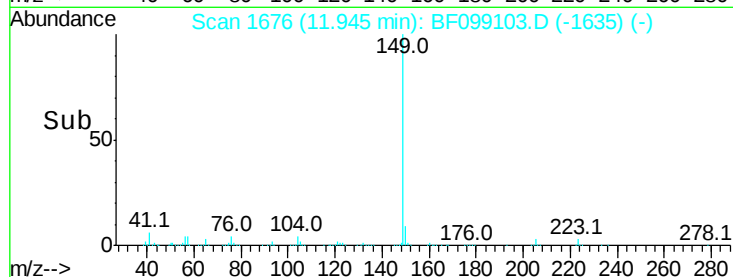
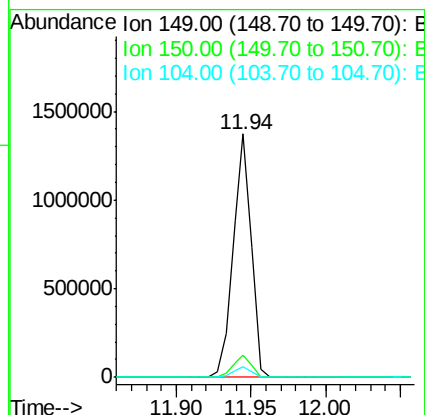
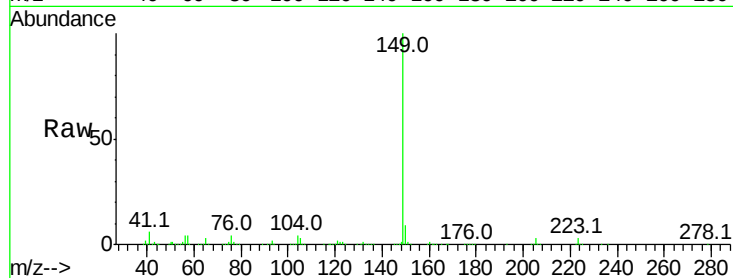




#73
Di-n-butylphthalate
Concen: 38.776 ng
RT: 11.94 min Scan# 1676
Delta R.T. -0.06 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

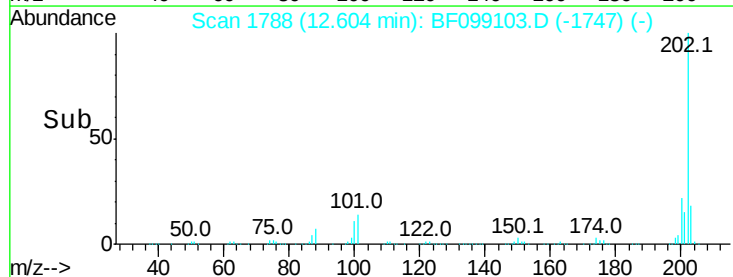
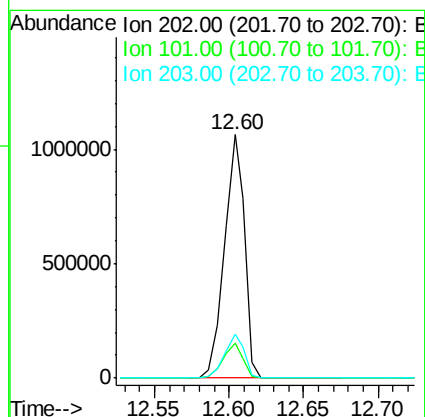
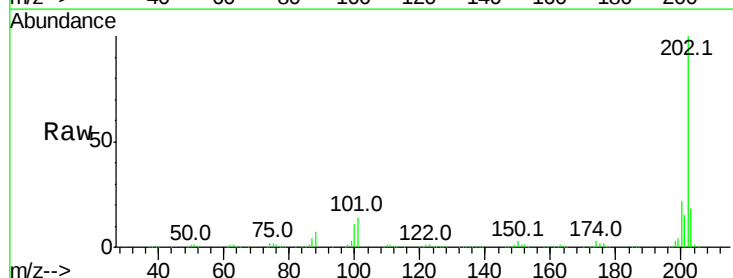
Instrument :
BNA_F
ClientSampleId :

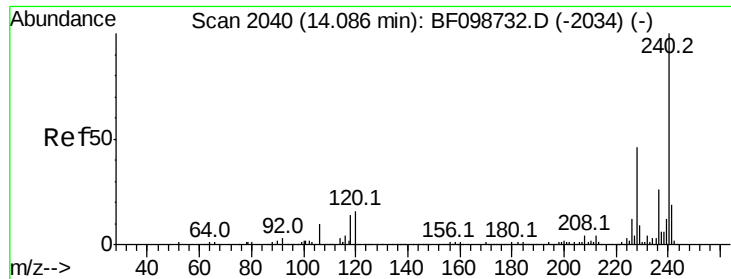
Tot Ion:149 Resp: 1169837
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 39.893 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.06 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:202 Resp: 1010492
Ion Ratio Lower Upper
202 100
101 14.3 0.0 34.1
203 18.2 0.0 38.1

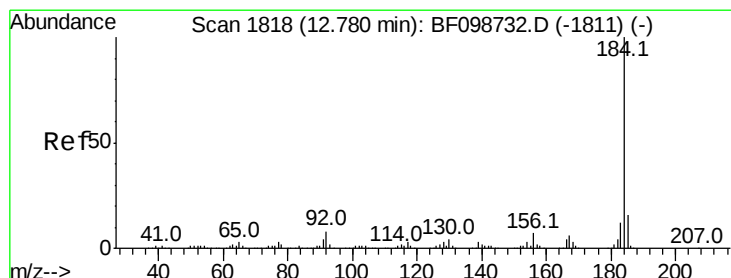
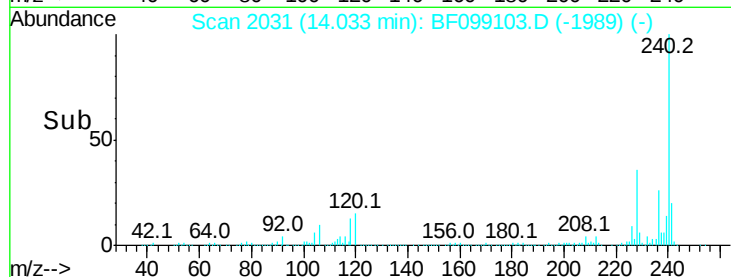
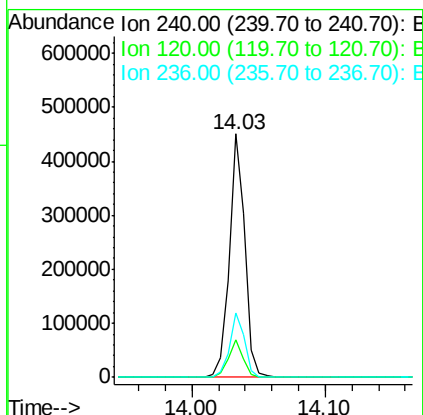
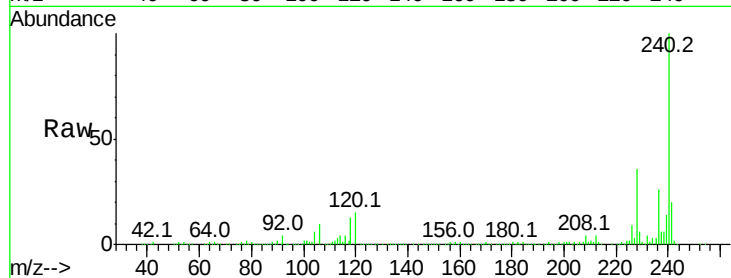




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

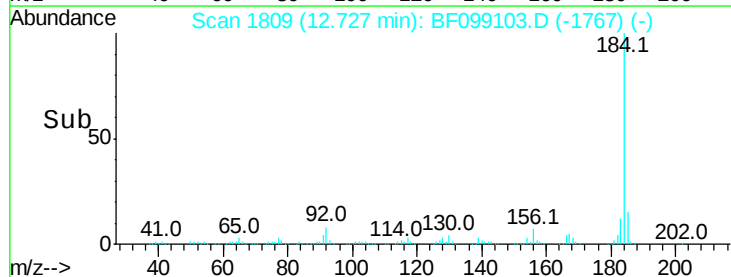
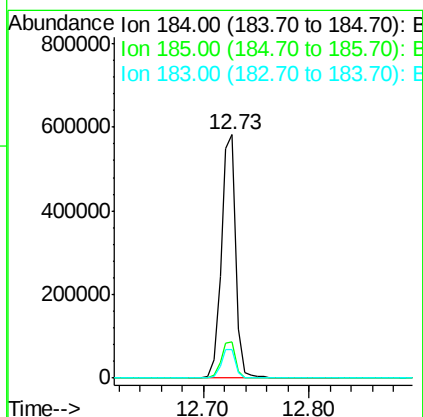
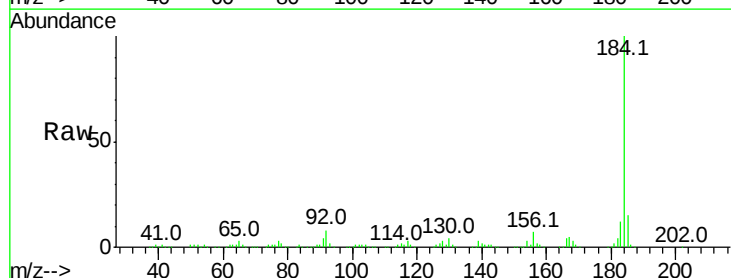
Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 366858
Ion Ratio Lower Upper
240 100
120 15.4 9.5 14.3#
236 26.2 20.7 31.1



#76
Benzidine
Concen: 41.041 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:184 Resp: 556883
Ion Ratio Lower Upper
184 100
185 14.9 12.6 18.8
183 11.9 9.3 13.9





#77

Pvrene

Concen: 38.392 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.05 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

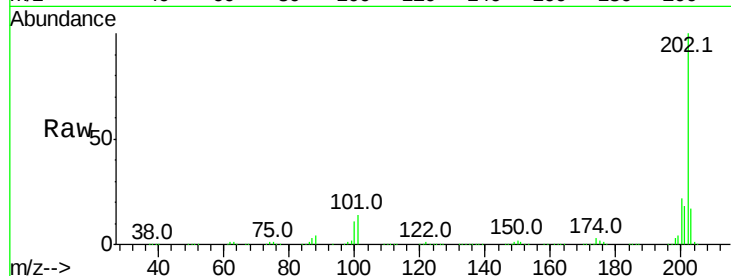
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1073985

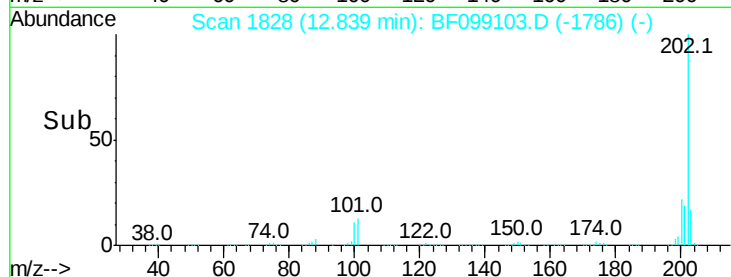
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.2	14.3	21.5



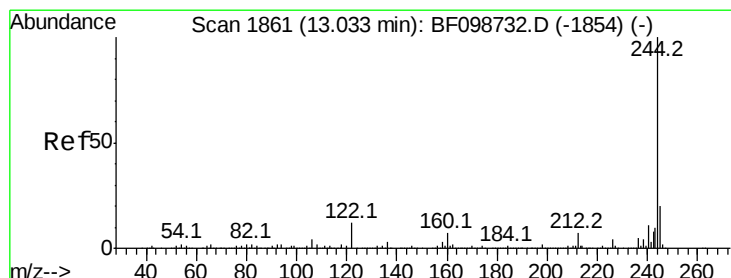
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 75.343 ng

RT: 12.97 min Scan# 1851

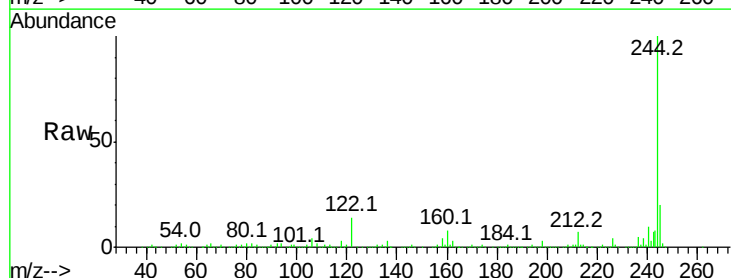
Delta R.T. -0.06 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Tgt Ion:244 Resp: 1215385

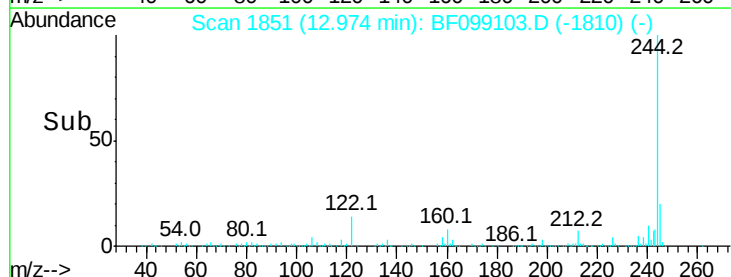
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.6	11.0	16.4



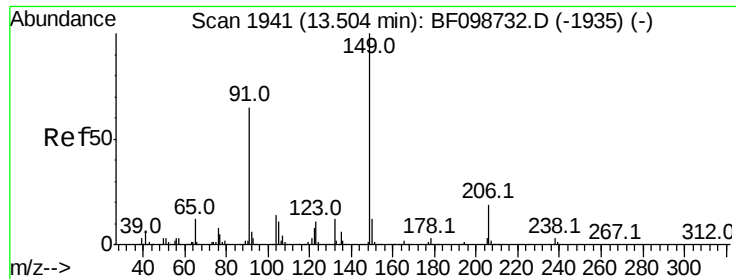
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



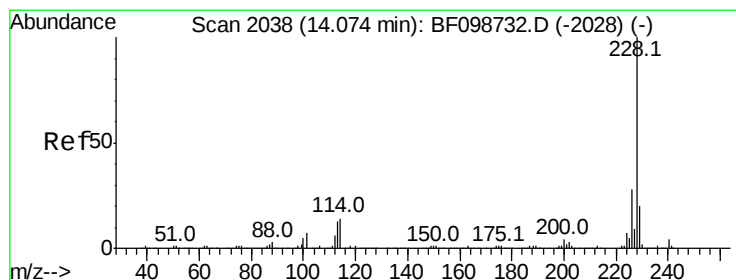
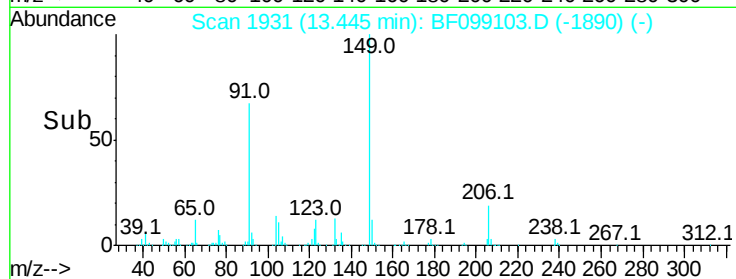
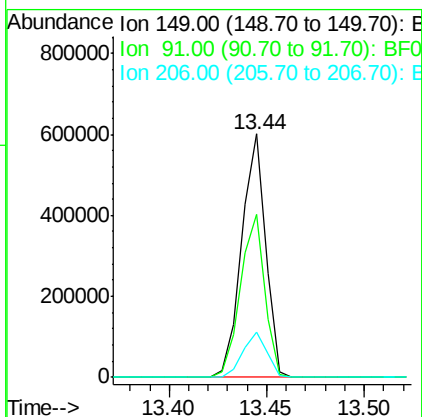
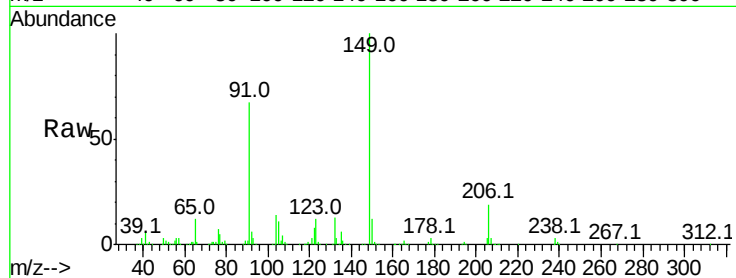
Time-->



#79
Butylbenzylphthalate
Concen: 38.954 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.06 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

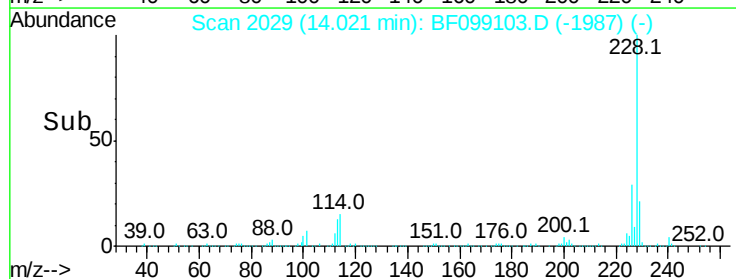
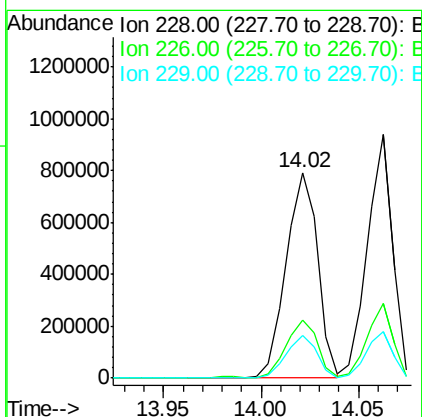
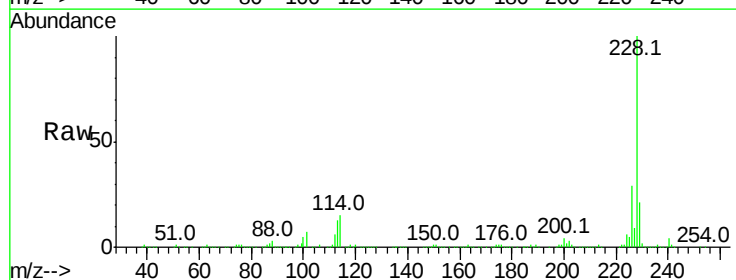
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 512143
Ion Ratio Lower Upper
149 100
91 67.2 56.8 85.2
206 18.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.919 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.05 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:228 Resp: 886765
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 20.5 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 40.062 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.05 min

Lab File: BF099103.D

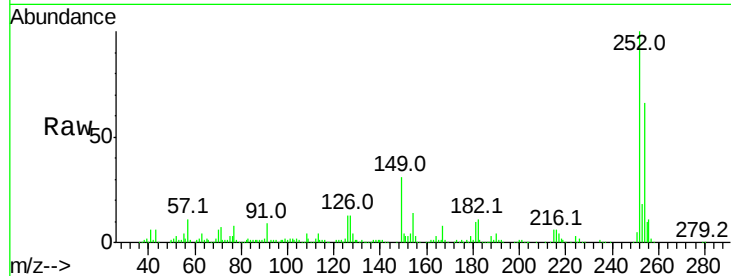
Acq: 5 Oct 2017 15:08

Instrument :

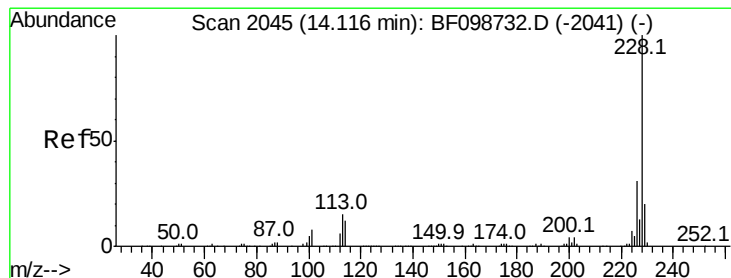
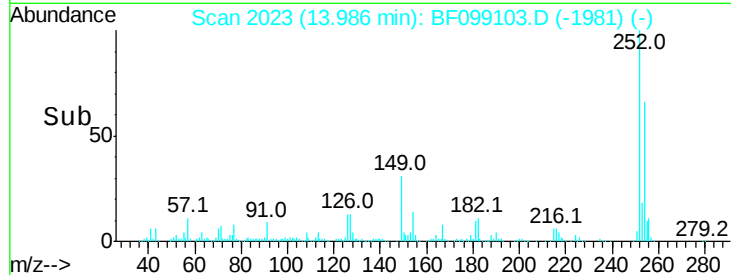
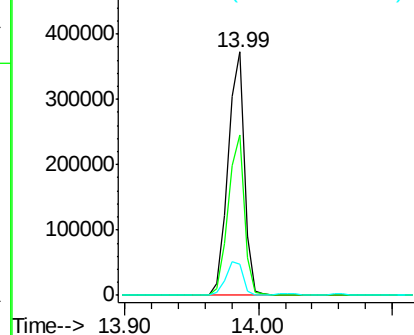
BNA_F

ClientSampleId :

Tot Ion:252	Resp:	326244
Ion Ratio	Lower	Upper
252	100	
254	66.1	50.4 75.6
126	13.0	11.3 16.9



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



#82

Chrysene

Concen: 40.020 ng

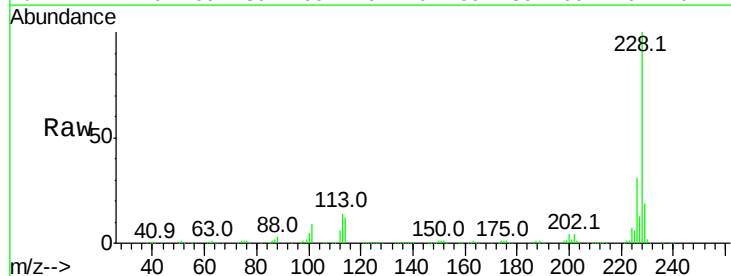
RT: 14.06 min Scan# 2036

Delta R.T. -0.05 min

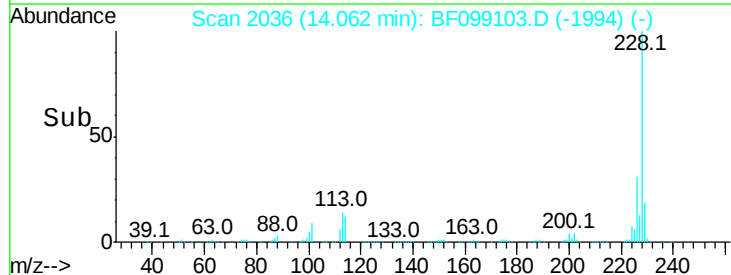
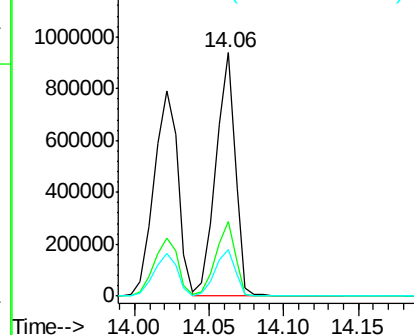
Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Tgt Ion:228	Resp:	846371
Ion Ratio	Lower	Upper
228	100	
226	30.9	25.0 37.6
229	19.3	16.2 24.4



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

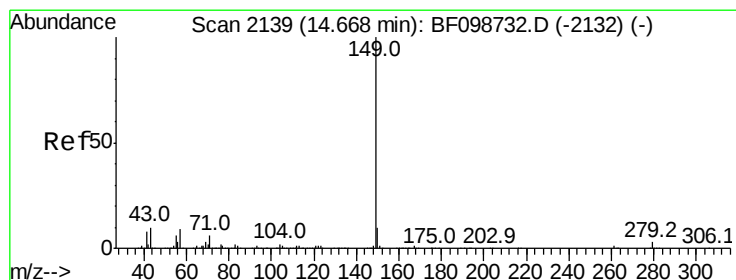
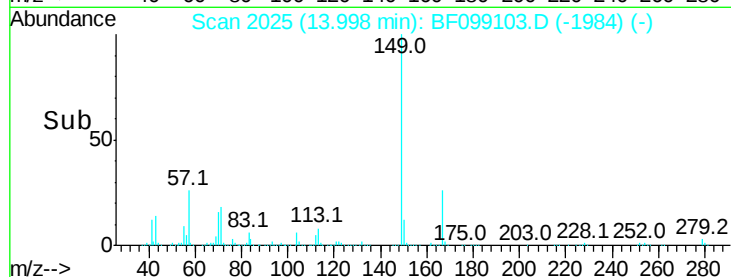
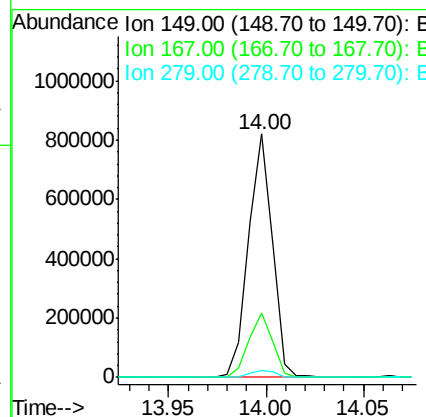
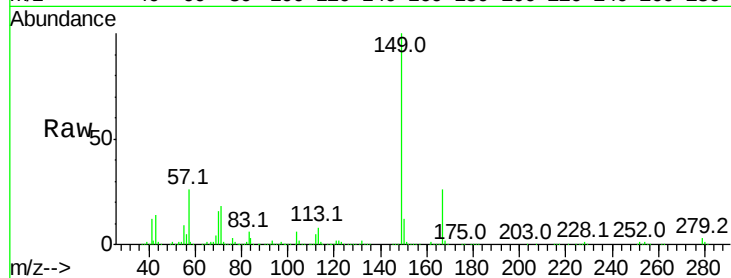




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.501 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.06 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

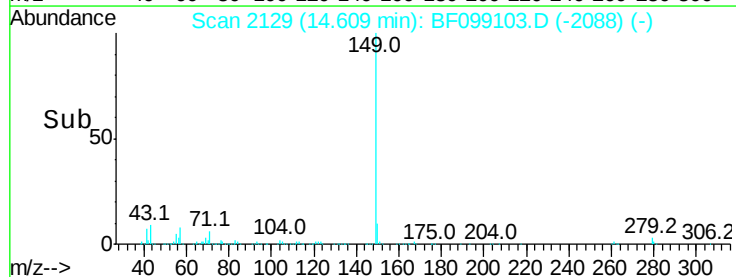
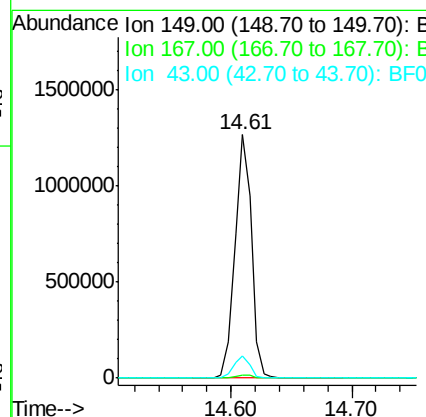
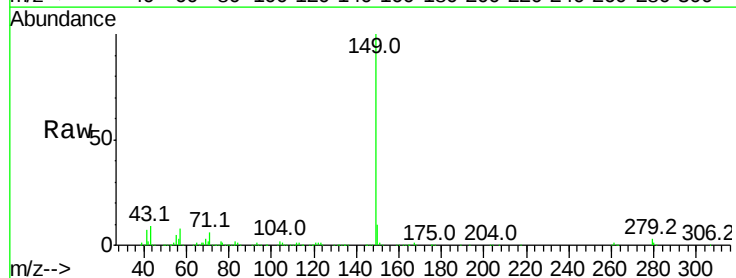
Instrument :
 BNA_F
 ClientSampleId :

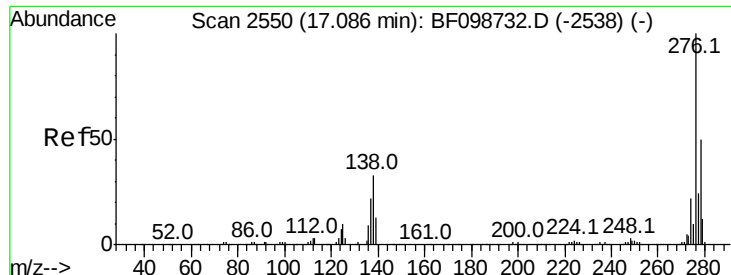
Tot Ion:149 Resp: 696984
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 41.280 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.06 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion:149 Resp: 1203316
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.2 8.4 12.6

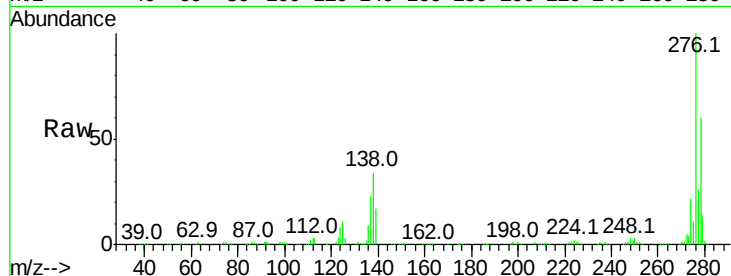




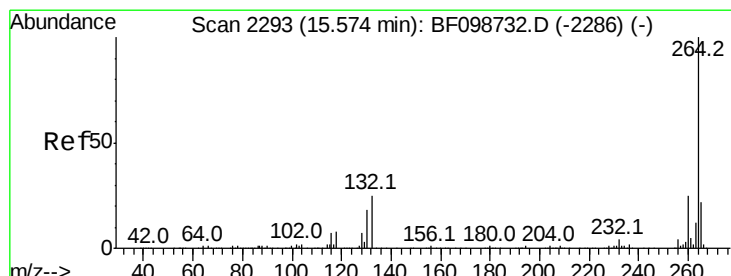
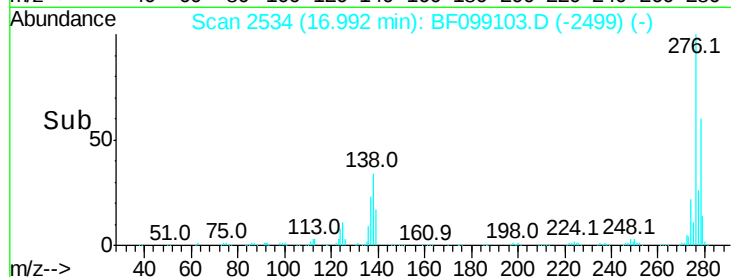
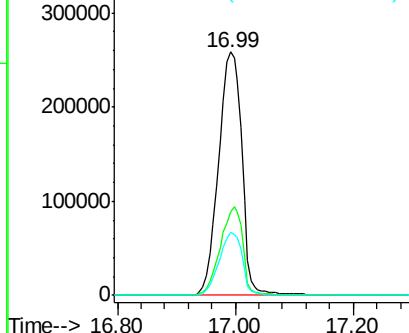
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.989 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.09 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	25.0	37.6
277	25.5	20.1	30.1

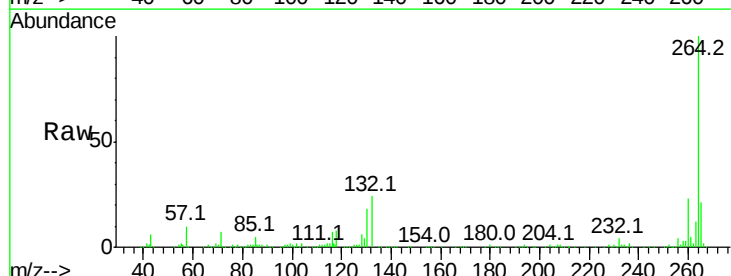


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

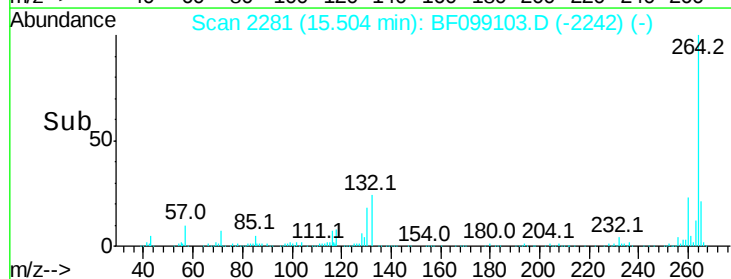
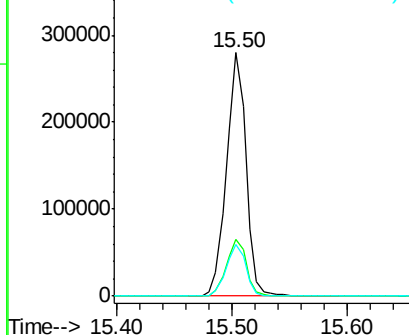


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.07 min
 Lab File: BF099103.D
 Acq: 5 Oct 2017 15:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	17.5	26.3



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

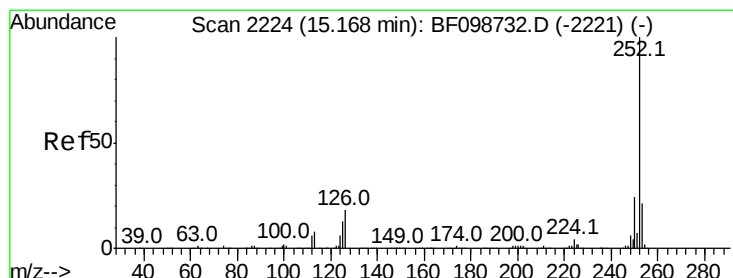
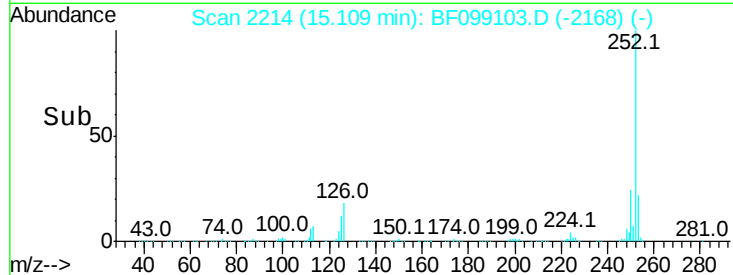
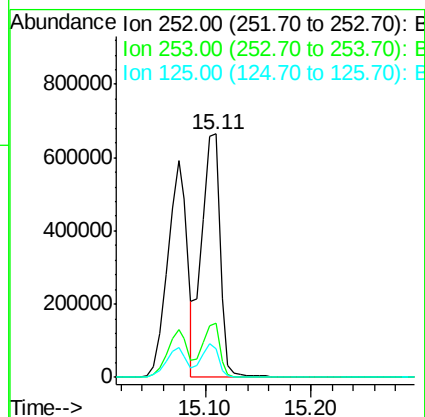
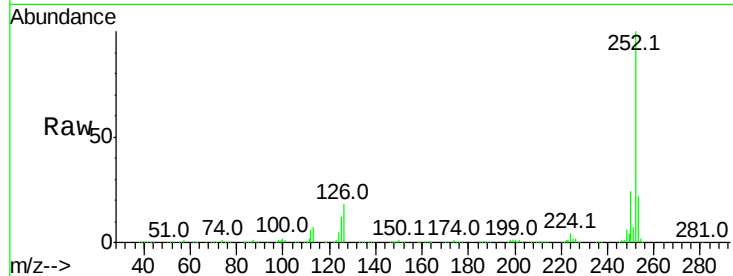




#87
Benzo(b)fluoranthene
Concen: 39.511 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

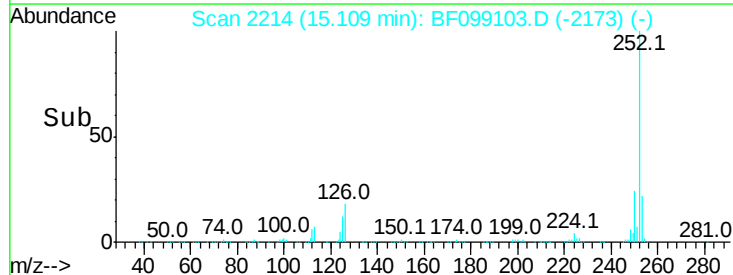
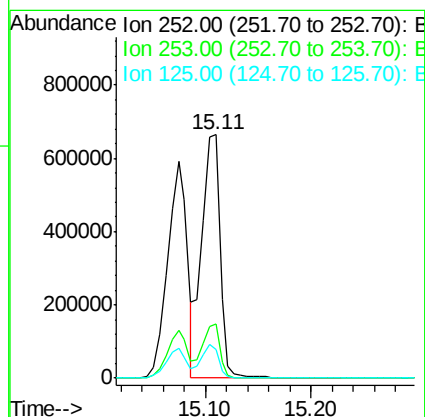
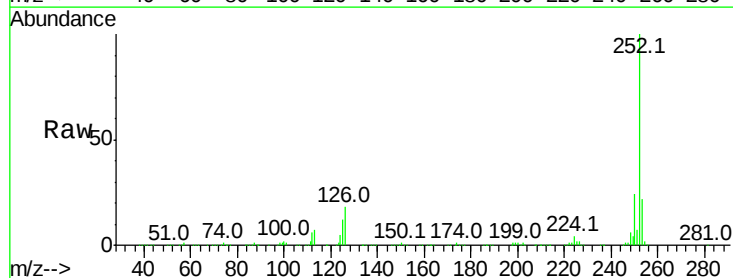
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 797103
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.003 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.06 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:252 Resp: 797103
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.9 10.2 15.2

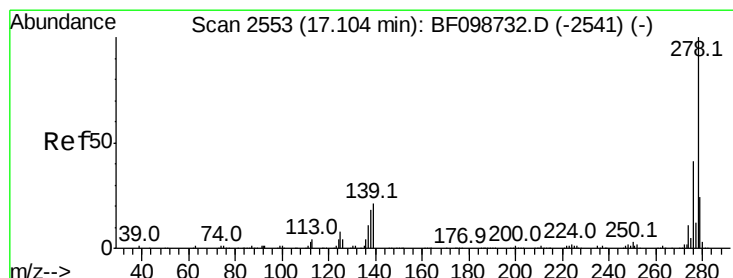
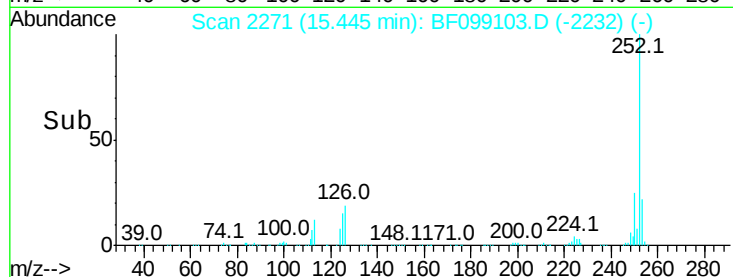
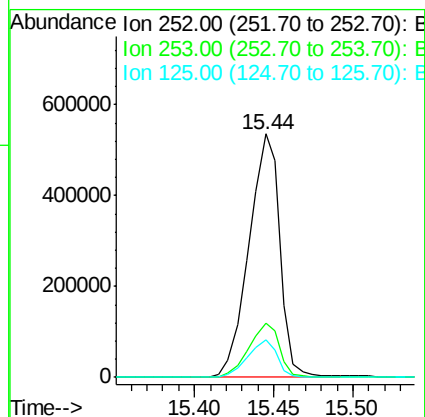
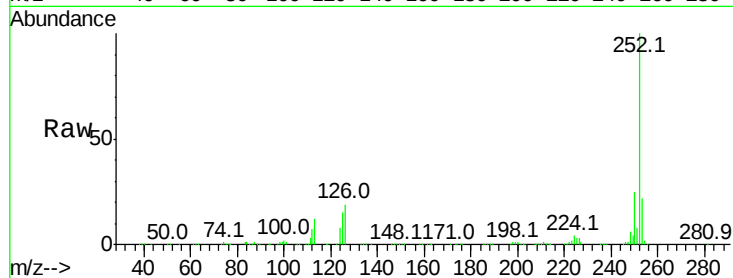




#89
Benzo(a)pyrene
Concen: 39.287 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.07 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

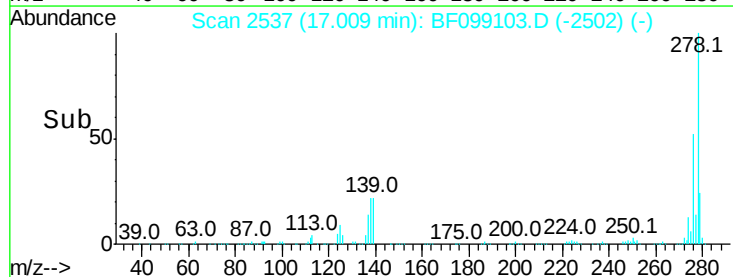
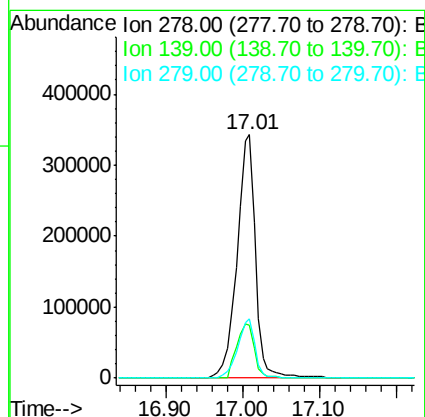
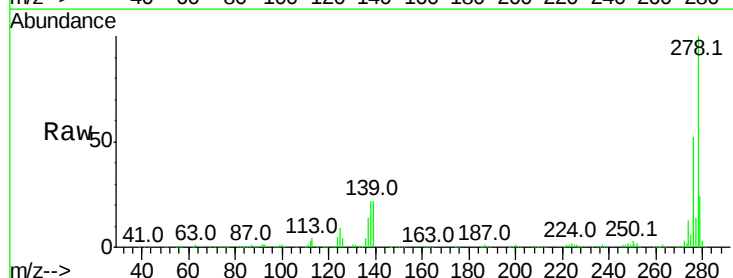
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 727531
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 15.4 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 38.839 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.09 min
Lab File: BF099103.D
Acq: 5 Oct 2017 15:08

Tgt Ion:278 Resp: 575595
Ion Ratio Lower Upper
278 100
139 22.0 15.9 23.9
279 24.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 39.882 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.10 min

Lab File: BF099103.D

Acq: 5 Oct 2017 15:08

Instrument :

BNA_F

ClientSampleId :

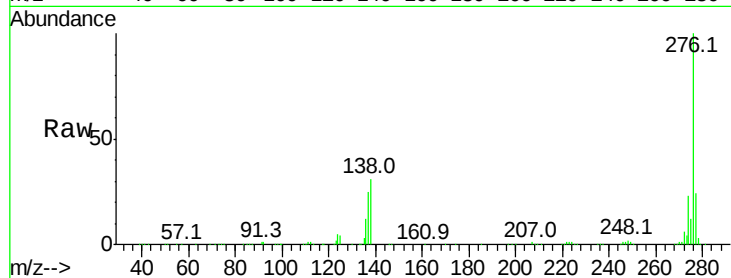
Tot Ion:276 Resp: 584245

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 31.2 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

