

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103799.D
 Acq On : 20 Mar 2018 13:47
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 17:51:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	174287	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	693234	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	346340	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	612665	20.00	ng	0.01
75) Chrysene-d12	14.17	240	503325	20.00	ng	0.02
86) Perylene-d12	15.70	264	458762	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	833072	72.70	ng	0.01
7) Phenol-d6	6.60	99	1101254	78.55	ng	0.01
23) Nitrobenzene-d5	7.54	82	926828	93.23	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	279848	93.98	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1530424	70.49	ng	0.00
78) Terphenyl-d14	13.10	244	1558890	71.89	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	224077	39.714	ng	90
3) Pyridine	3.60	79	612425	39.462	ng	88
4) n-Nitrosodimethylamine	3.58	42	200506	35.040	ng	79
6) Aniline	6.64	93	793145	39.622	ng	97
8) 2-Chlorophenol	6.76	128	486797	40.554	ng	97
9) Benzaldehyde	6.53	77	335759	36.456	ng	98
10) Phenol	6.61	94	583288	39.155	ng	96
11) bis(2-Chloroethyl)ether	6.71	93	483474	39.315	ng	94
12) 1,3-Dichlorobenzene	6.92	146	538536	39.391	ng	99
13) 1,4-Dichlorobenzene	6.99	146	524094	38.149	ng	100
14) 1,2-Dichlorobenzene	7.15	146	477546	37.460	ng	99
15) Benzyl Alcohol	7.11	79	401846	36.995	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	603687	34.514	ng	92
17) 2-Methylphenol	7.22	107	408729	38.236	ng	98
18) Hexachloroethane	7.49	117	188230	38.952	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	314404	34.995	ng	92
20) 3+4-Methylphenols	7.37	107	504370	37.179	ng	99
22) Acetophenone	7.39	105	639283	35.882	ng	# 92
24) Nitrobenzene	7.56	77	494125	42.339	ng	98
25) Isophorone	7.79	82	867616	37.702	ng	100
26) 2-Nitrophenol	7.87	139	256940	55.925	ng	96
27) 2,4-Dimethylphenol	7.90	122	392067	39.769	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	536202	38.479	ng	100
29) 2,4-Dichlorophenol	8.11	162	379217	42.280	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	411829	39.588	ng	99
31) Naphthalene	8.28	128	1326825	37.889	ng	99
32) Benzoic acid	8.03	122	293161	43.353	ng	96
33) 4-Chloroaniline	8.32	127	591509	40.262	ng	98
34) Hexachlorobutadiene	8.39	225	227042	39.807	ng	99
35) Caprolactam	8.71	113	137245	44.438	ng	# 81
36) 4-Chloro-3-methylphenol	8.80	107	403401	40.798	ng	99
37) 2-Methylnaphthalene	8.97	142	864351	38.922	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	375282	37.981	ng	99
40) Hexachlorocyclopentadiene	9.12	237	225220	44.174	ng	100

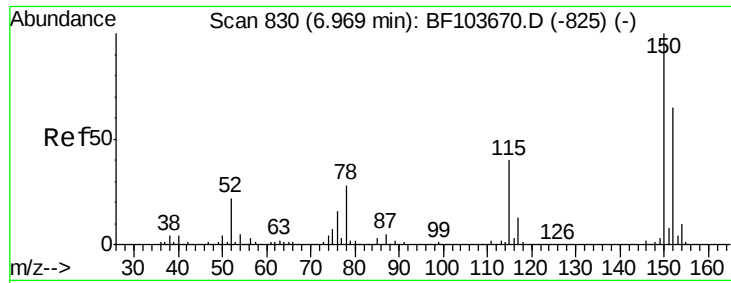
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103799.D
 Acq On : 20 Mar 2018 13:47
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	270103	42.738	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	304019	42.620	ng	98
45) 1,1'-Biphenyl	9.43	154	1058905	36.666	ng	100
46) 2-Chloronaphthalene	9.46	162	845224	36.848	ng	99
47) 2-Nitroaniline	9.56	65	263519	44.495	ng	95
48) Acenaphthylene	9.88	152	1388178	39.027	ng	100
49) Dimethylphthalate	9.73	163	1086866	41.132	ng	100
50) 2,6-Dinitrotoluene	9.80	165	242161	47.427	ng	94
51) Acenaphthene	10.05	154	859237	40.683	ng	99
52) 3-Nitroaniline	9.97	138	286687	46.893	ng	97
53) 2,4-Dinitrophenol	10.07	184	112271	74.760	ng	# 17
54) Dibenzofuran	10.22	168	1156146	38.328	ng	98
55) 4-Nitrophenol	10.12	139	222964	48.195	ng	97
56) 2,4-Dinitrotoluene	10.20	165	325105	49.918	ng	93
57) Fluorene	10.57	166	861086	36.788	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	234727	46.440	ng	95
59) Diethylphthalate	10.43	149	1003831	38.276	ng	97
60) 4-Chlorophenyl-phenylether	10.56	204	403558	37.726	ng	95
61) 4-Nitroaniline	10.59	138	268846	45.785	ng	91
62) Azobenzene	10.72	77	925274	34.701	ng	95
64) 4,6-Dinitro-2-methylphenol	10.62	198	167001	64.062	ng	# 75
65) n-Nitrosodiphenylamine	10.67	169	801755	38.446	ng	100
66) 4-Bromophenyl-phenylether	11.05	248	255954	40.689	ng	# 87
67) Hexachlorobenzene	11.12	284	287208	40.004	ng	94
68) Atrazine	11.20	200	268205	41.576	ng	98
69) Pentachlorophenol	11.31	266	193372	46.848	ng	99
70) Phenanthrene	11.54	178	1264130	37.719	ng	99
71) Anthracene	11.59	178	1290301	37.907	ng	100
72) Carbazole	11.74	167	1266892	38.293	ng	99
73) Di-n-butylphthalate	12.06	149	1546232	38.950	ng	100
74) Fluoranthene	12.73	202	1321670	38.279	ng	100
76) Benzidine	12.85	184	912158	42.491	ng	99
77) Pyrene	12.96	202	1364184	36.906	ng	100
79) Butylbenzylphthalate	13.57	149	704107	42.994	ng	95
80) Benzo(a)anthracene	14.16	228	1267732	39.790	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	431192	40.461	ng	98
82) Chrysene	14.19	228	1179021	38.821	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	923142	39.458	ng	100
84) Di-n-octyl phthalate	14.75	149	1455458	42.761	ng	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	1082624	40.819	ng	98
87) Benzo(b)fluoranthene	15.24	252	1160150	40.028	ng	97
88) Benzo(k)fluoranthene	15.28	252	1035421	37.164	ng	99
89) Benzo(a)pyrene	15.64	252	1038113	39.490	ng	99
90) Dibenzo(a,h)anthracene	17.31	278	885586	38.905	ng	97
91) Benzo(g,h,i)perylene	17.77	276	878262	39.660	ng	95

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

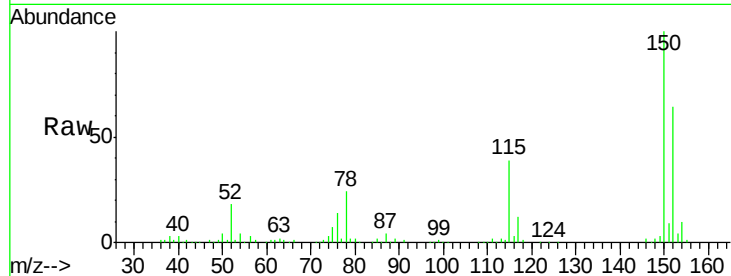


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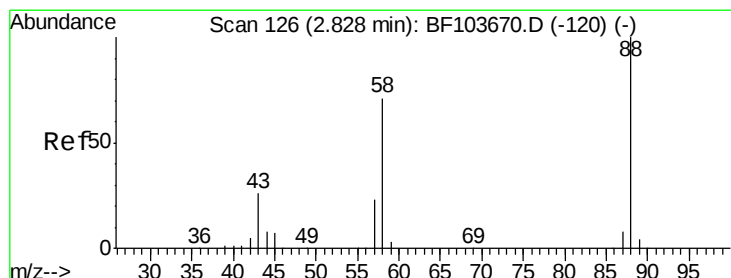
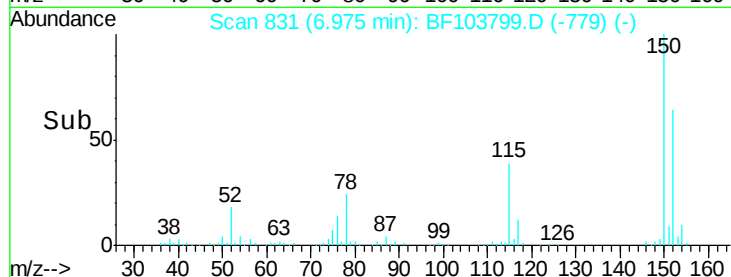
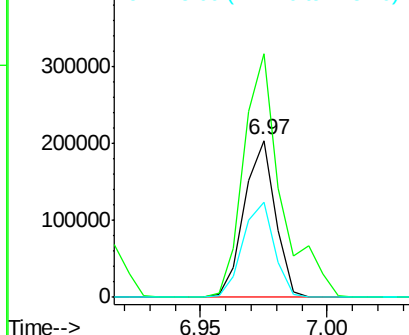
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174287
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.9 50.1 75.1



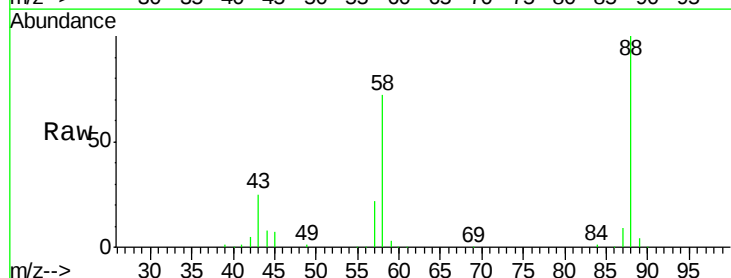
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



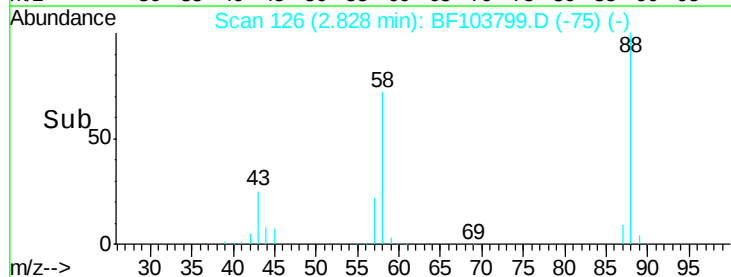
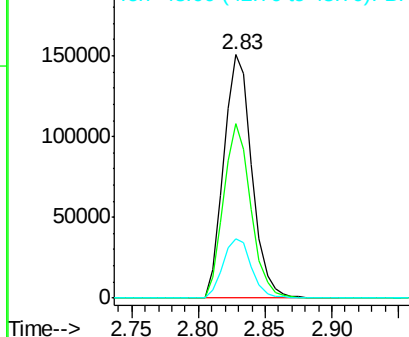
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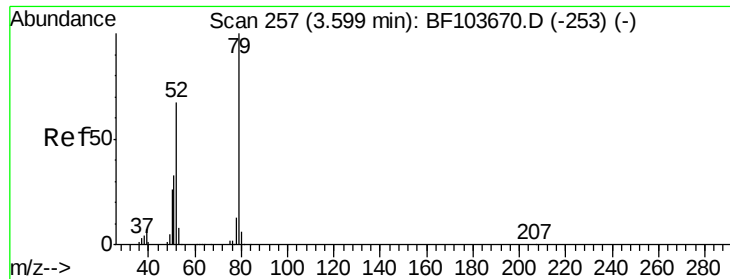
1,4-Dioxane
Concen: 39.714 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.00 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion: 88 Resp: 224077
Ion Ratio Lower Upper
88 100
58 69.6 62.6 93.8
43 24.7 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

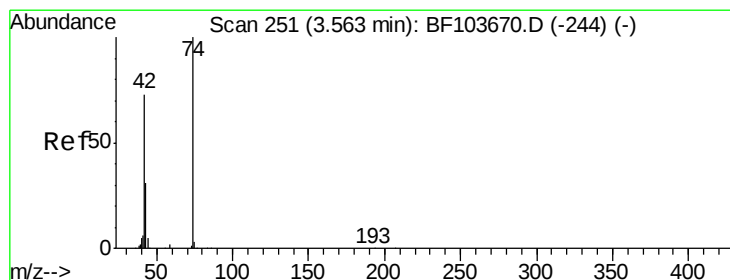
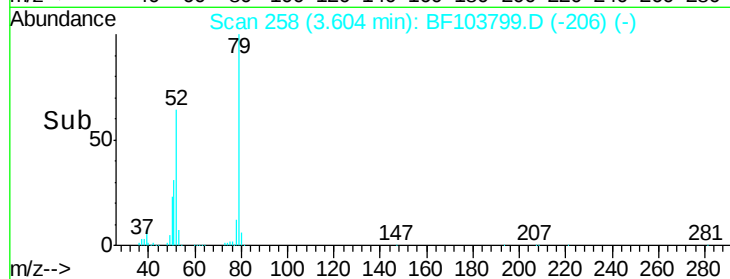
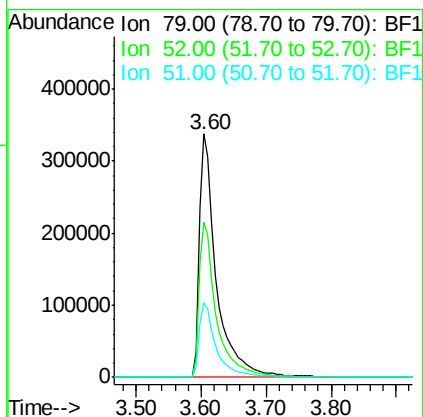
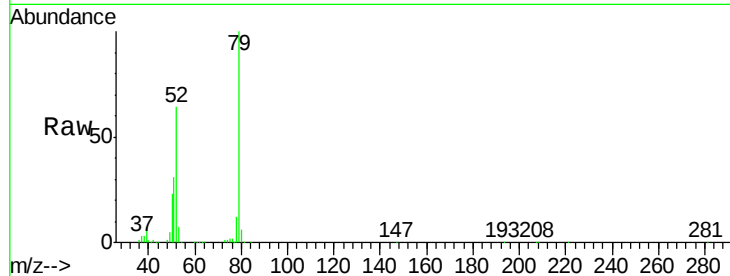




#3
 Pvridine
 Concen: 39.462 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

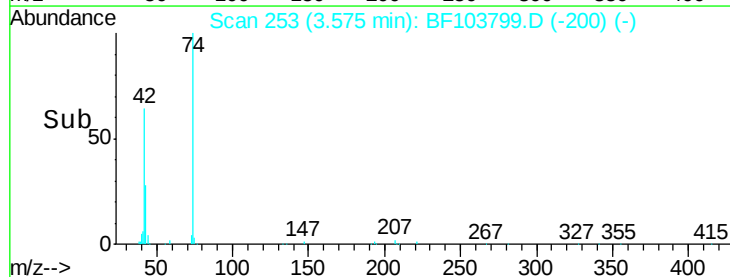
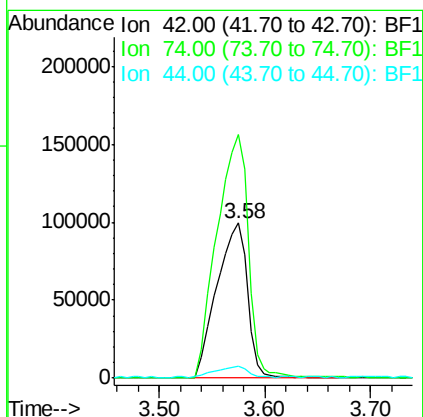
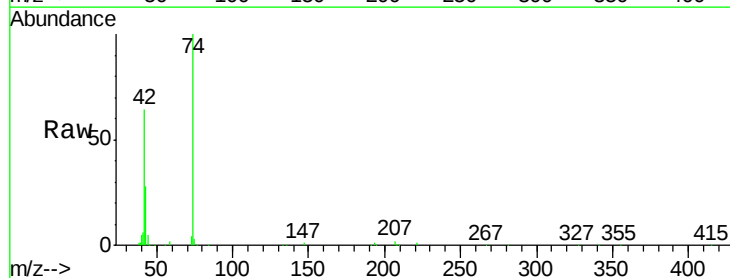
Instrument :
 BNA_F
 ClientSampleId :

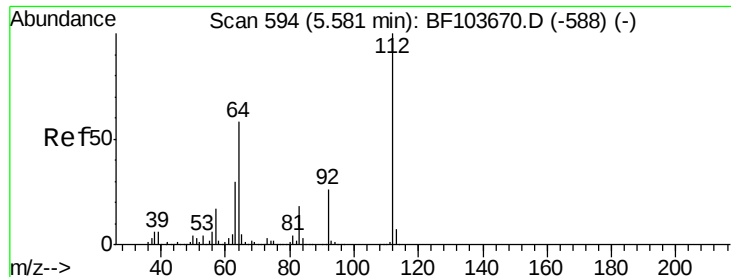
Tot Ion: 79 Resp: 612425
 Ion Ratio Lower Upper
 79 100
 52 63.5 59.8 89.6
 51 30.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 35.040 ng
 RT: 3.58 min Scan# 253
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Tgt Ion: 42 Resp: 200506
 Ion Ratio Lower Upper
 42 100
 74 157.0 104.9 157.3
 44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 72.702 ng

RT: 5.59 min Scan# 596

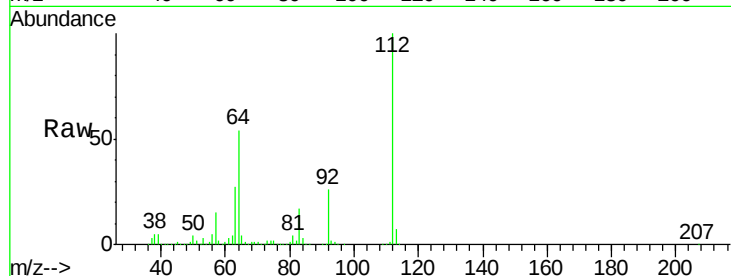
Delta R.T. 0.01 min

Lab File: BF103799.D

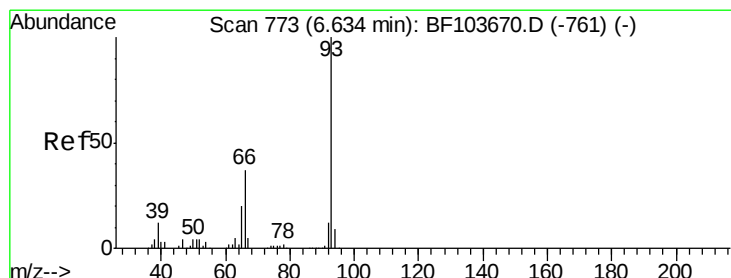
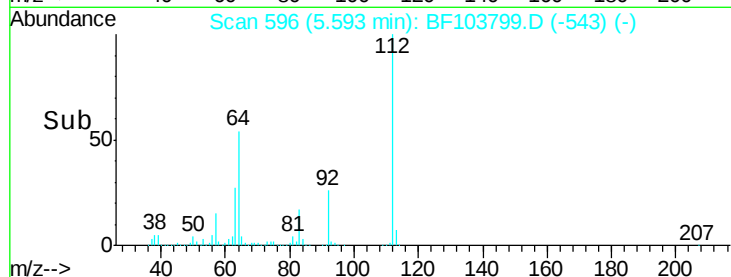
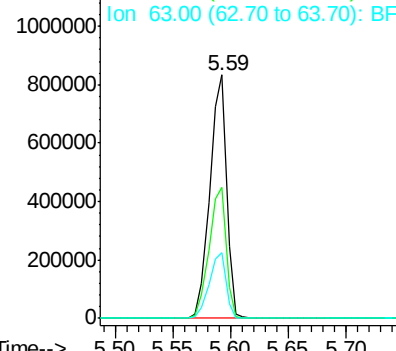
Acq: 20 Mar 2018 13:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	833072
Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	27.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 39.622 ng

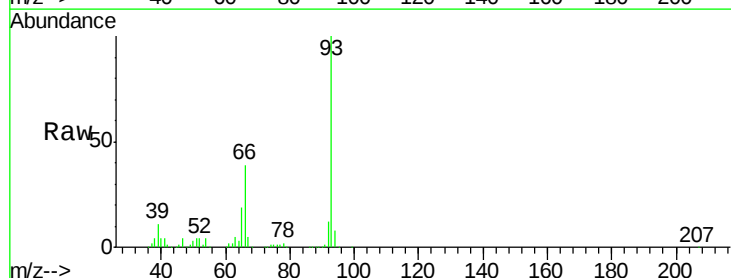
RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

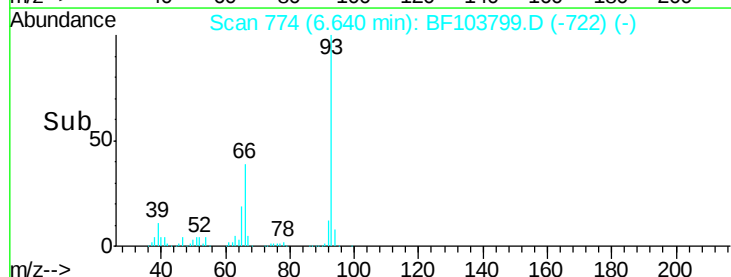
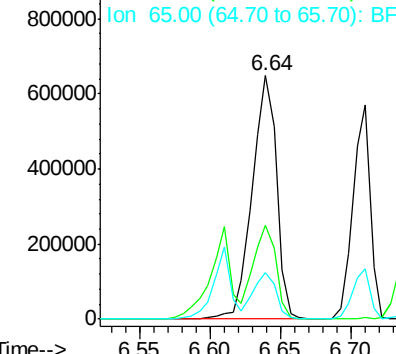
Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Tgt Ion:	93	Resp:	793145
Ion	Ratio	Lower	Upper
93	100		
66	38.7	32.2	48.2
65	18.9	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 78.555 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampled :

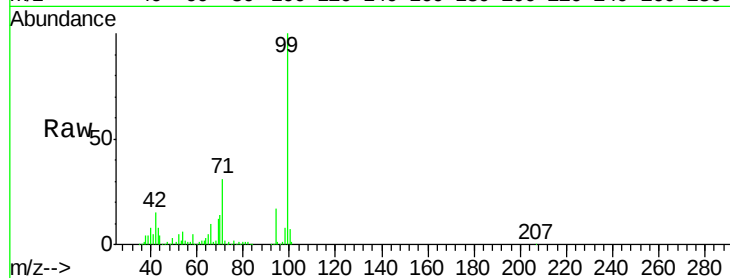
Tot Ion: 99 Resp: 1101254

Ion Ratio Lower Upper

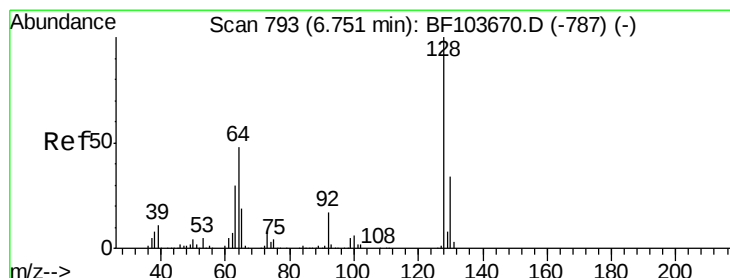
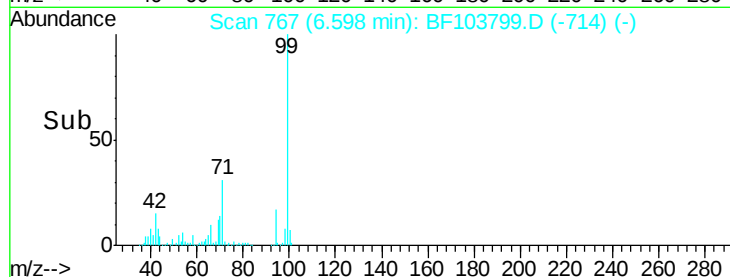
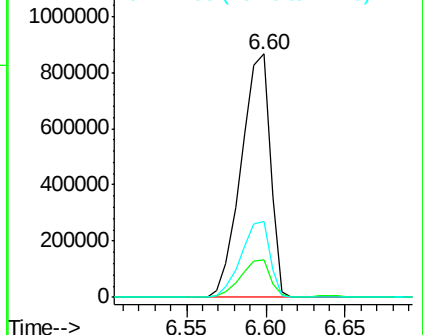
99 100

42 15.2 14.5 21.7

71 31.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.554 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

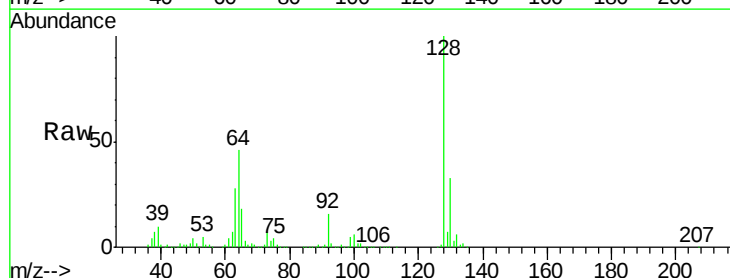
Tgt Ion: 128 Resp: 486797

Ion Ratio Lower Upper

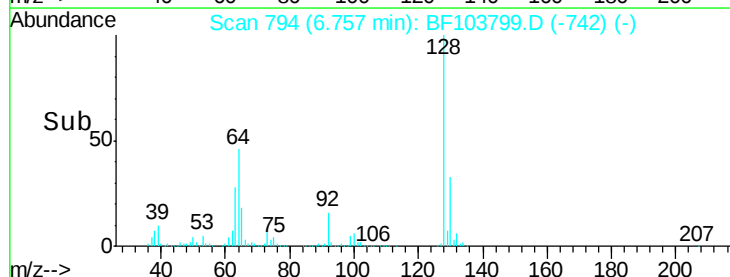
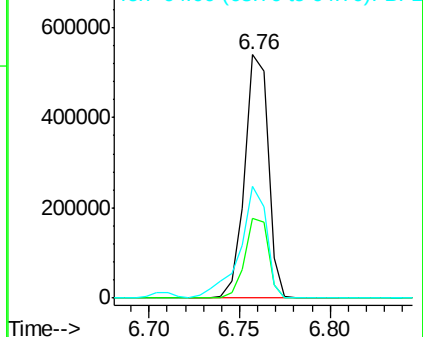
128 100

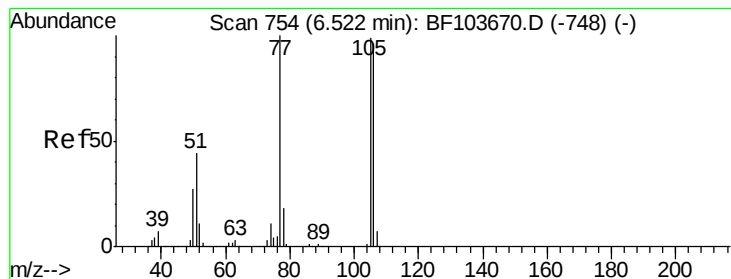
130 32.6 13.0 53.0

64 45.8 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): BF1





#9

Benzaldehyde

Concen: 36.456 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampled :

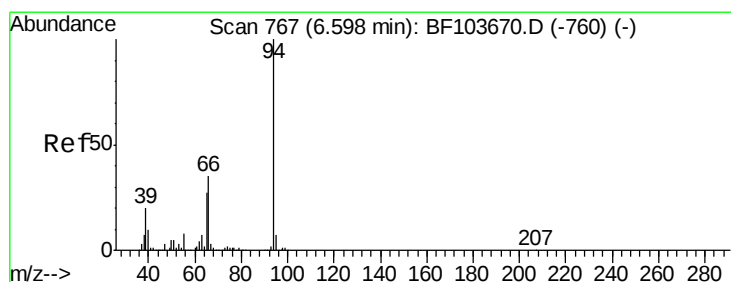
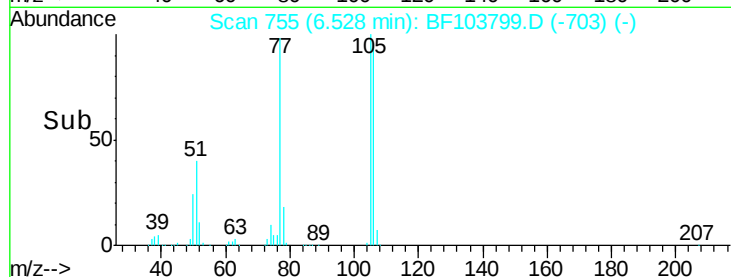
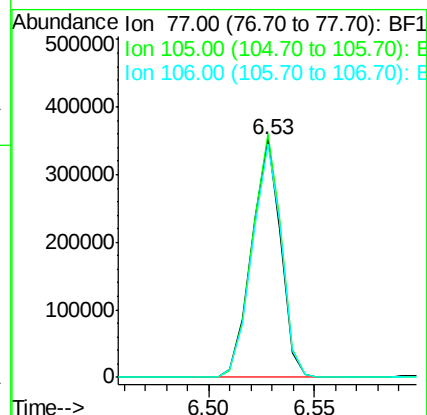
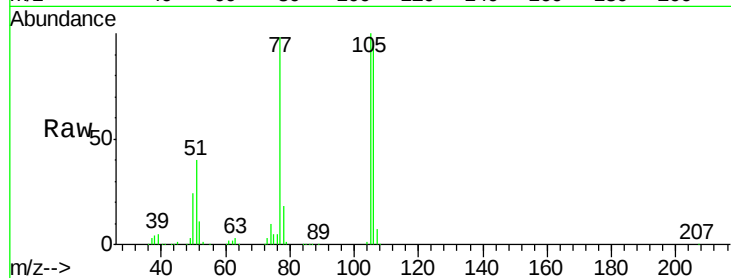
Tot Ion: 77 Resp: 335759

Ion Ratio Lower Upper

77 100

105 102.3 81.1 121.1

106 98.1 74.5 114.5



#10

Phenol

Concen: 39.155 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

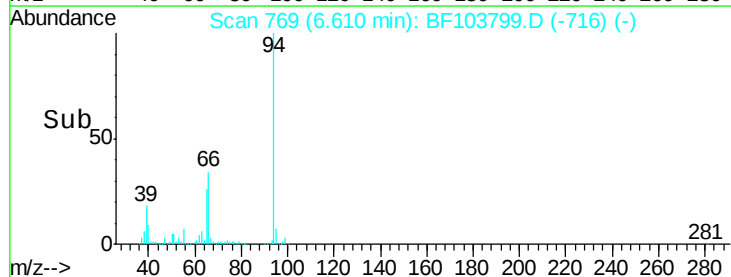
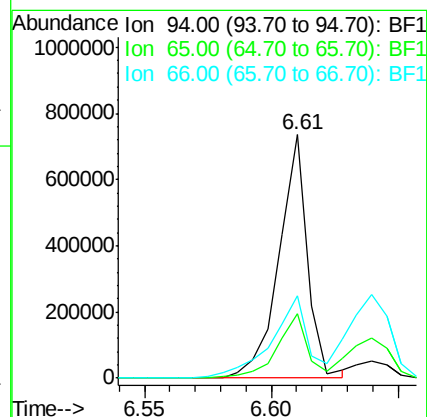
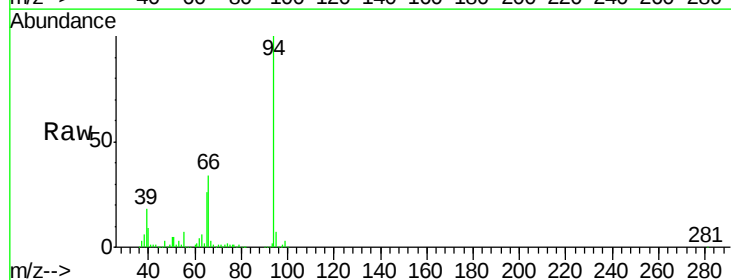
Tgt Ion: 94 Resp: 583288

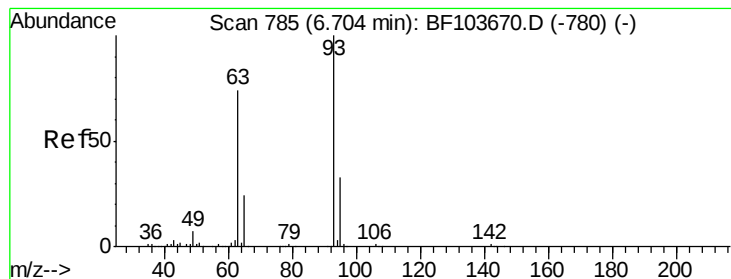
Ion Ratio Lower Upper

94 100

65 26.3 7.9 47.9

66 33.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.315 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

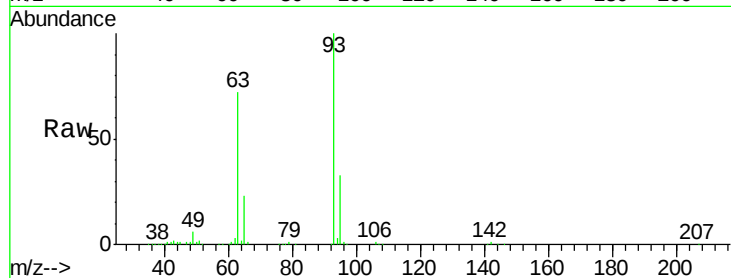
Tot Ion: 93 Resp: 483474

Ion Ratio Lower Upper

93 100

63 71.6 58.6 98.6

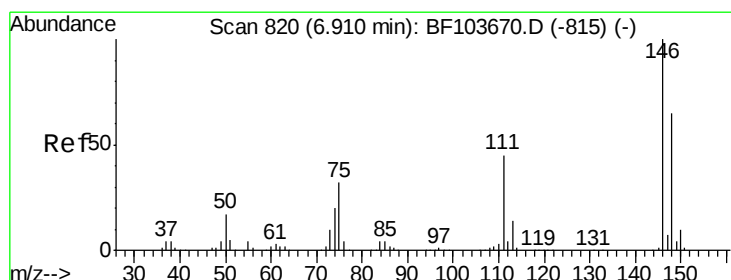
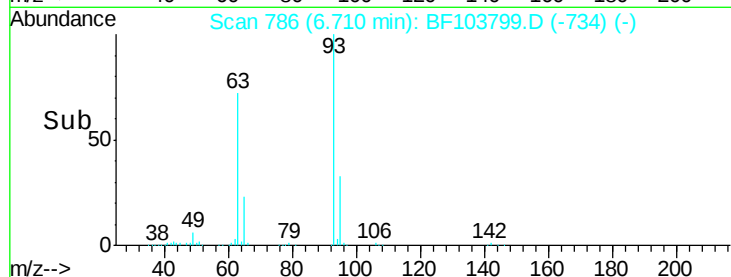
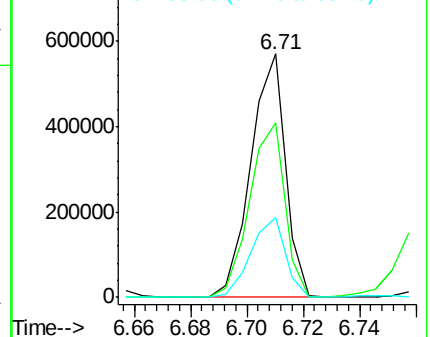
95 32.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.391 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

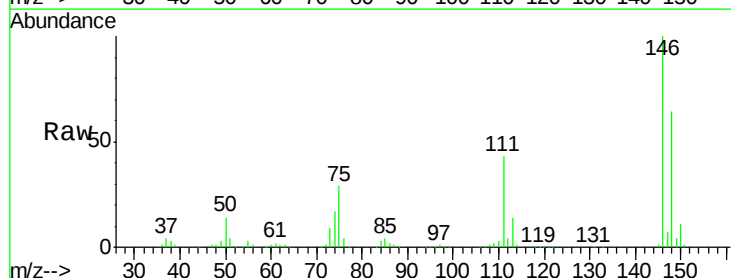
Tgt Ion: 146 Resp: 538536

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

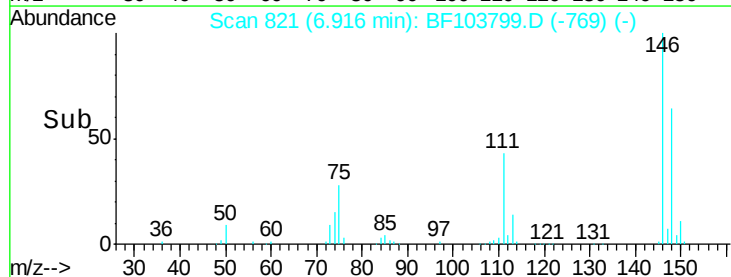
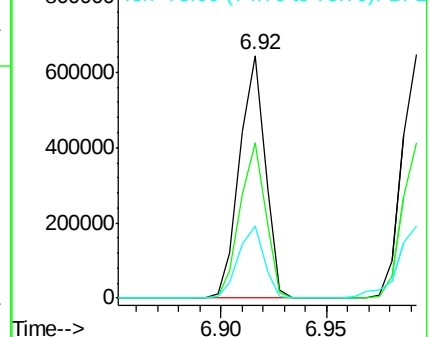
75 29.5 24.2 36.4

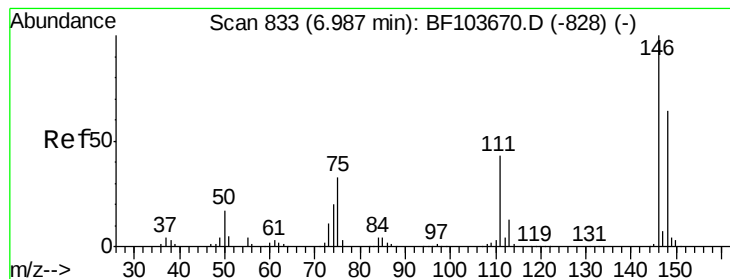


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.149 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

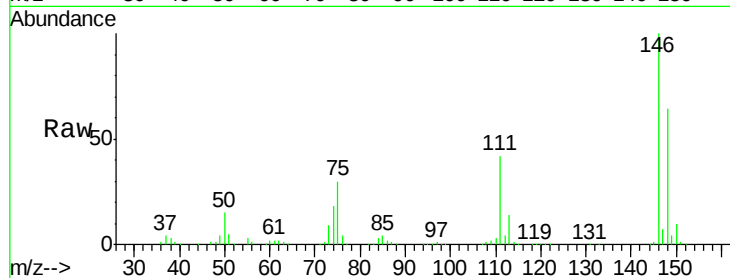
Tot Ion:146 Resp: 524094

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

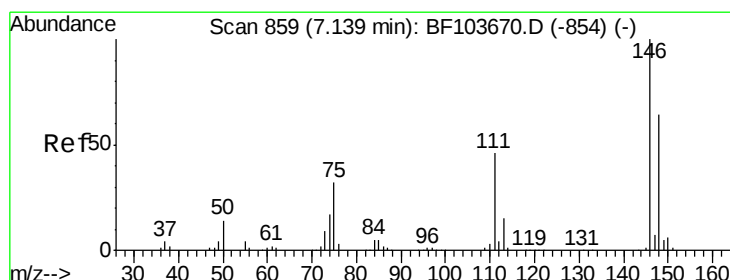
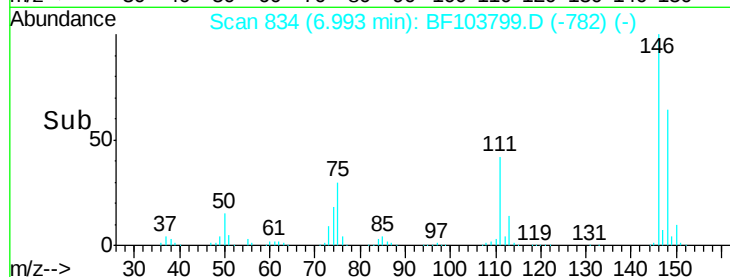
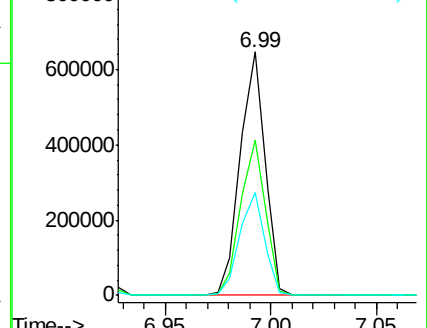
111 42.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.460 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

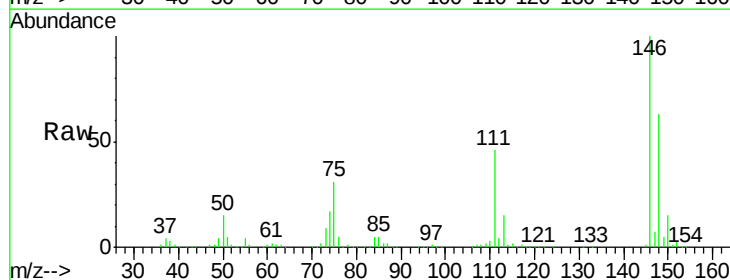
Tgt Ion:146 Resp: 477546

Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

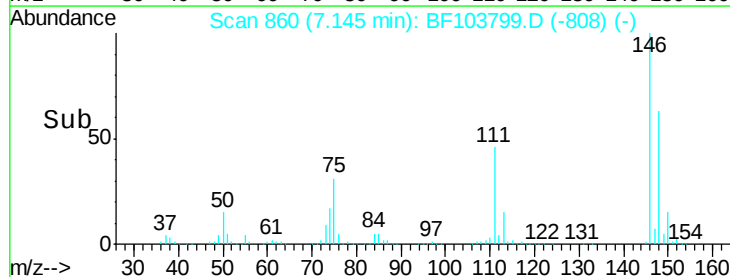
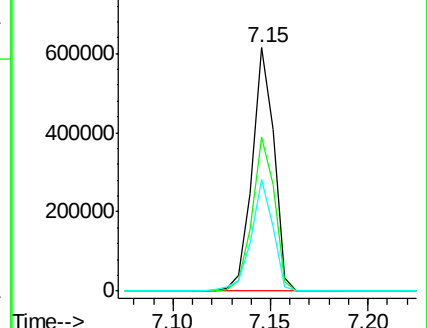
111 45.7 36.0 54.0

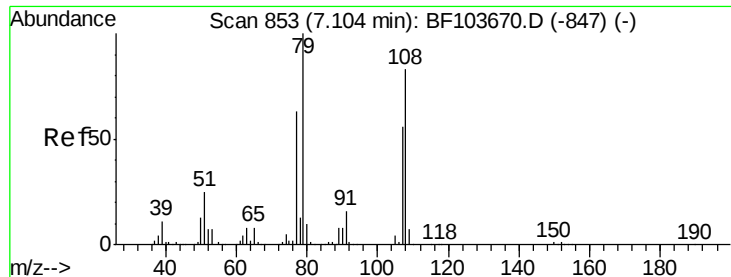


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.995 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampled :

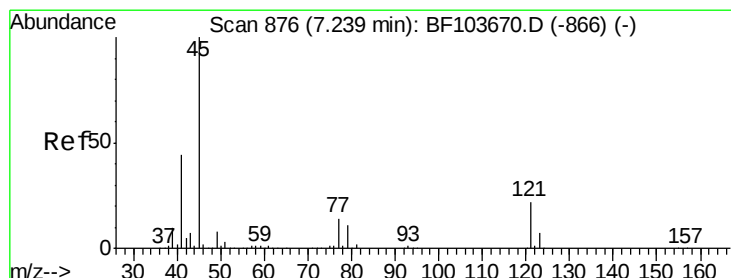
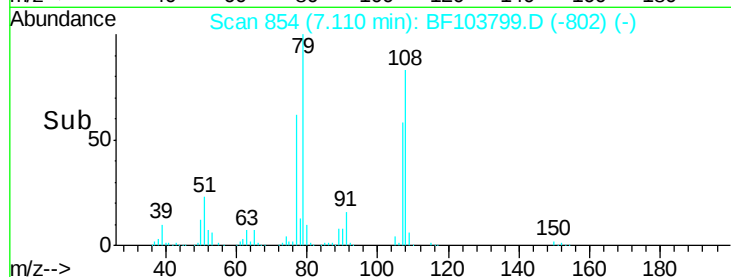
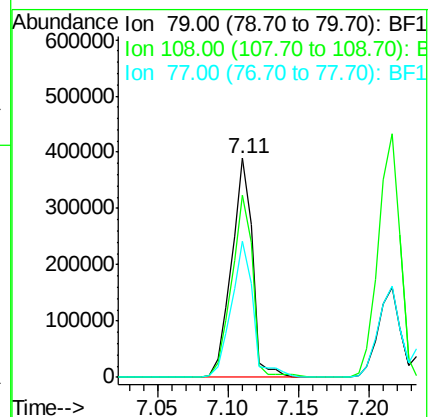
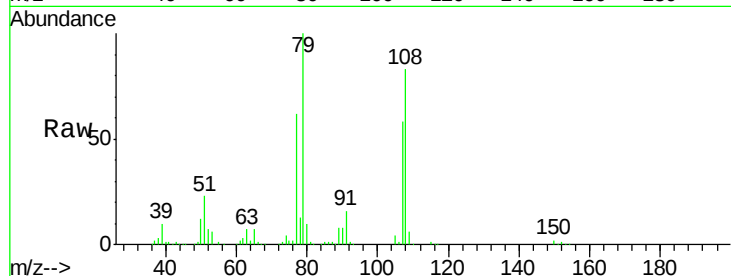
Tot Ion: 79 Resp: 401846

Ion Ratio Lower Upper

79 100

108 83.3 65.1 97.7

77 62.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.514 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

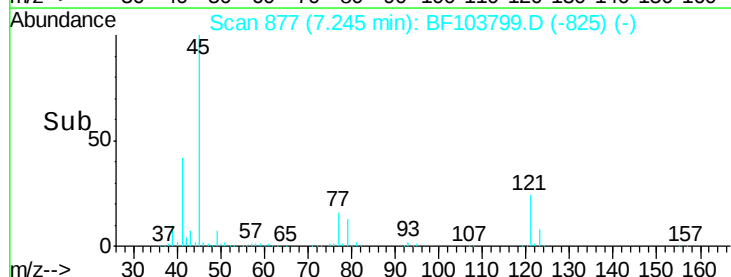
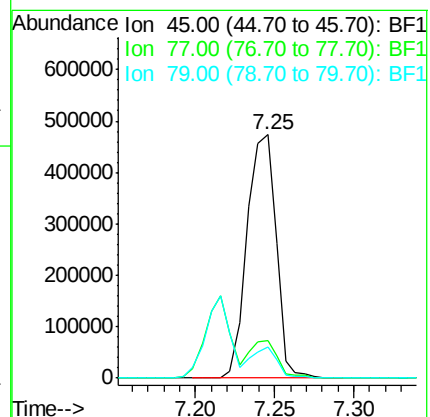
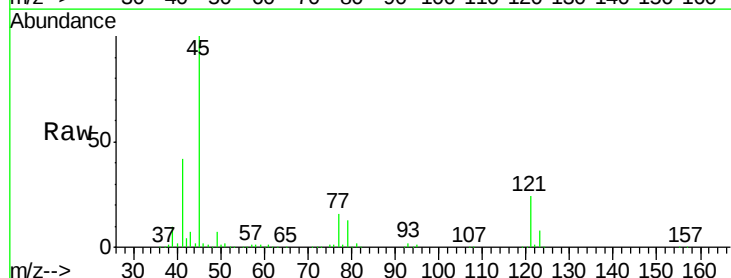
Tgt Ion: 45 Resp: 603687

Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.9

79 12.9 0.0 29.6

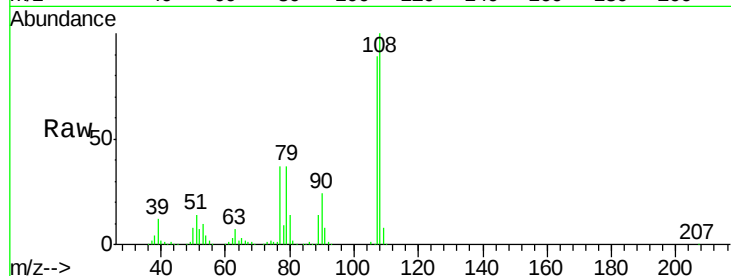




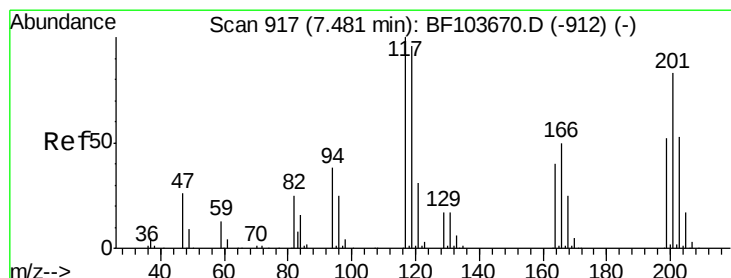
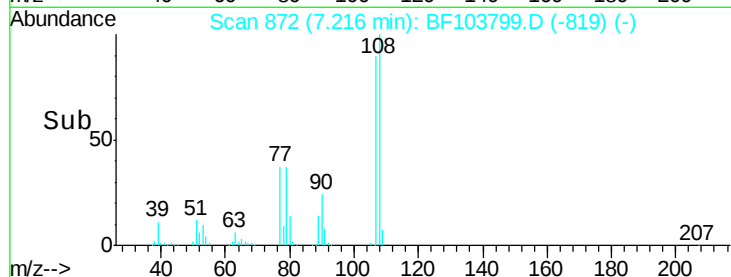
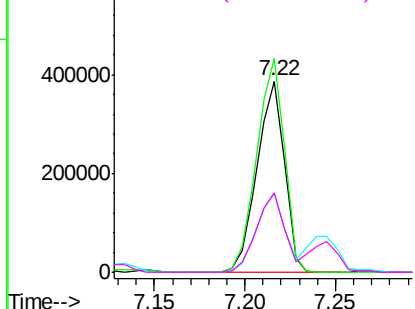
#17
2-Methylphenol
Concen: 38.236 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	408729
Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.7	137.5
77	41.7	33.8	50.8
79	41.4	33.8	50.8

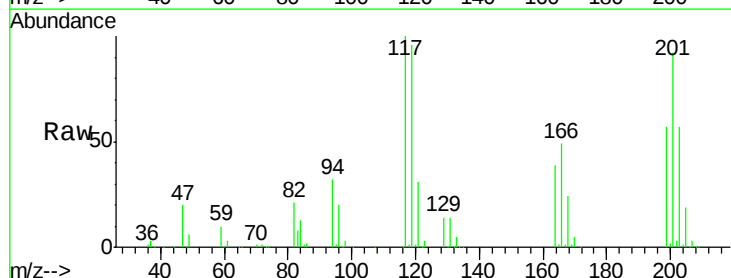


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

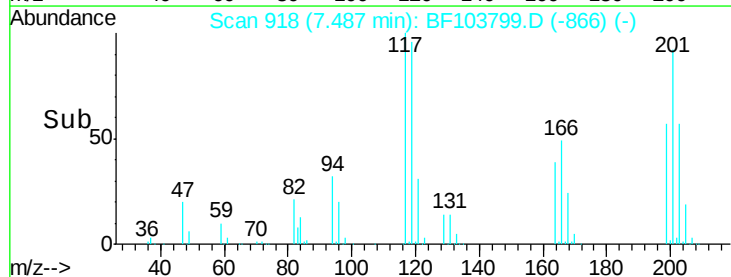
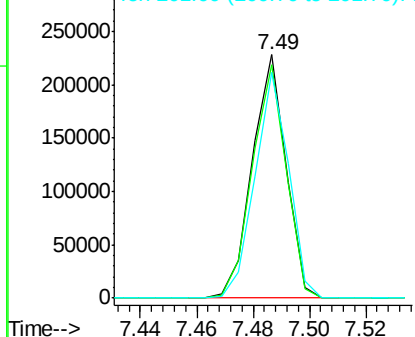


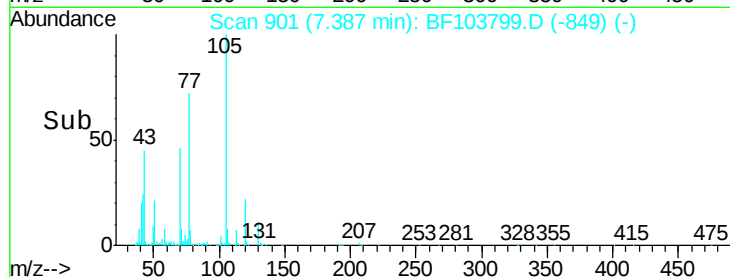
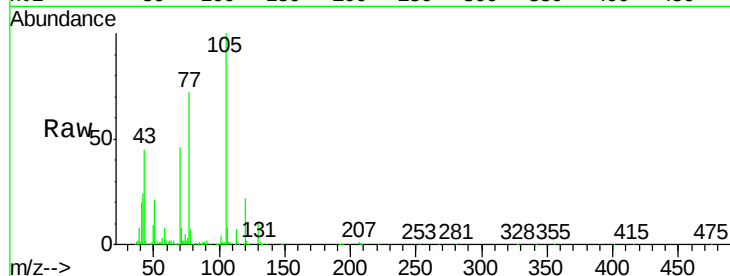
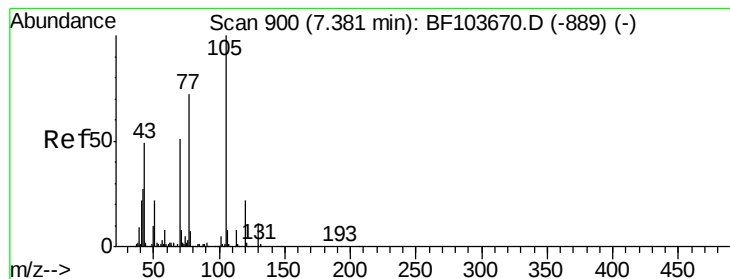
#18
Hexachloroethane
Concen: 38.952 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:	117	Resp:	188230
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	92.5	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.995 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 314404

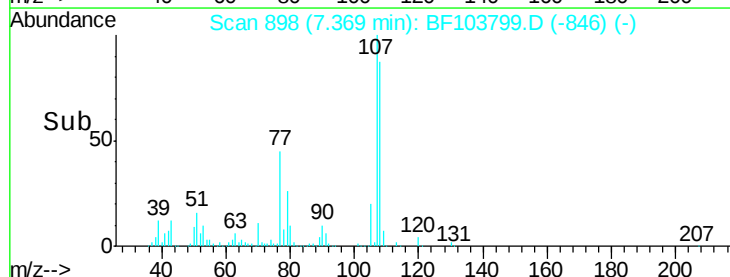
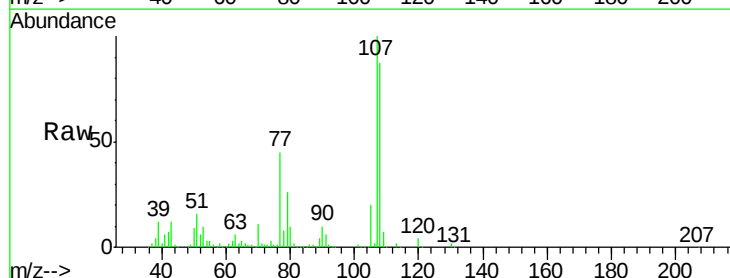
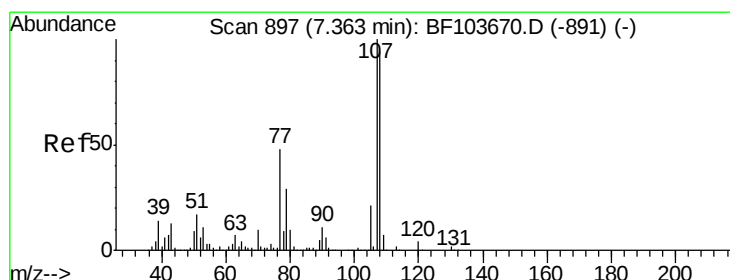
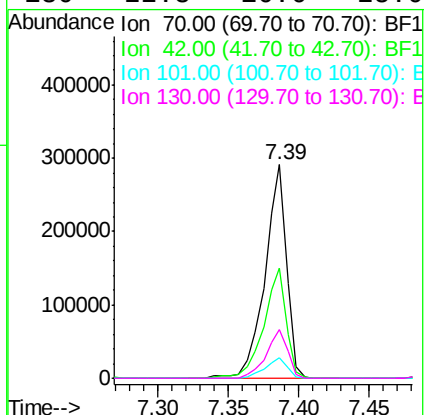
Ion Ratio Lower Upper

70 100

42 51.7 47.5 71.3

101 9.5 7.4 11.2

130 22.8 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.179 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Tgt Ion:107 Resp: 504370

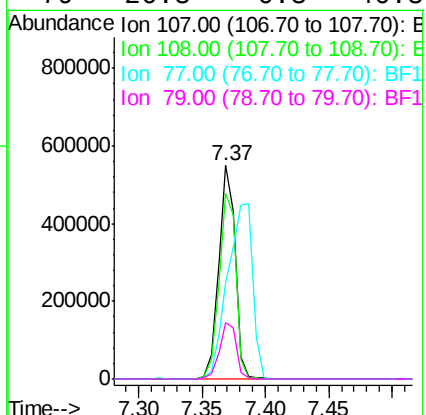
Ion Ratio Lower Upper

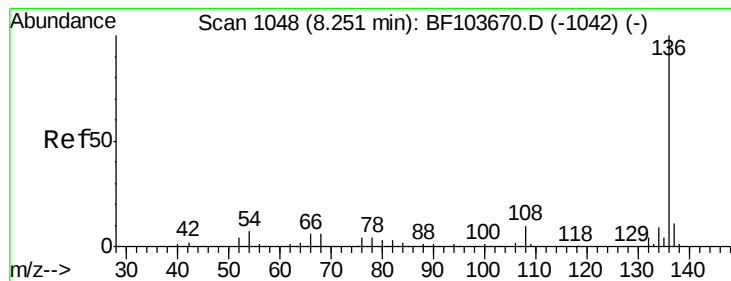
107 100

108 87.1 68.2 108.2

77 45.2 26.7 66.7

79 26.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 693234

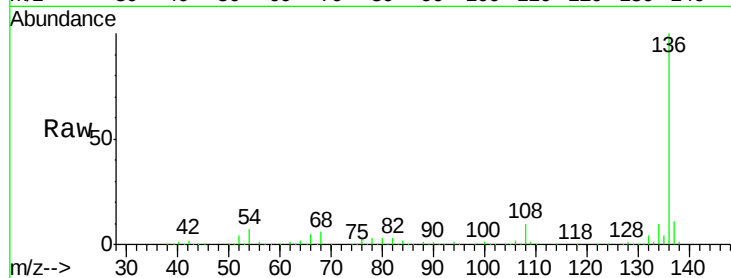
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.2 6.6 9.8

68 6.4 5.0 7.4

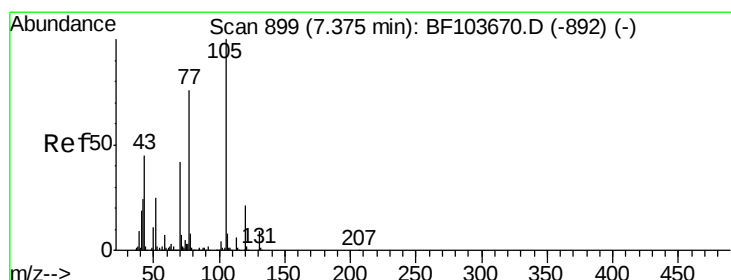
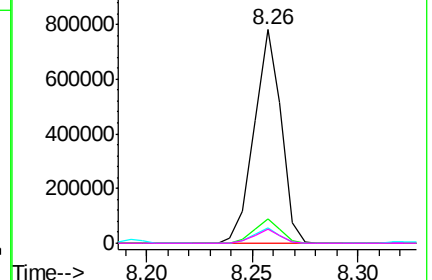
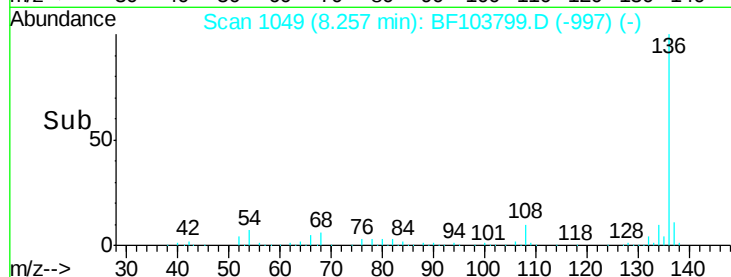


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.882 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Tgt Ion:105 Resp: 639283

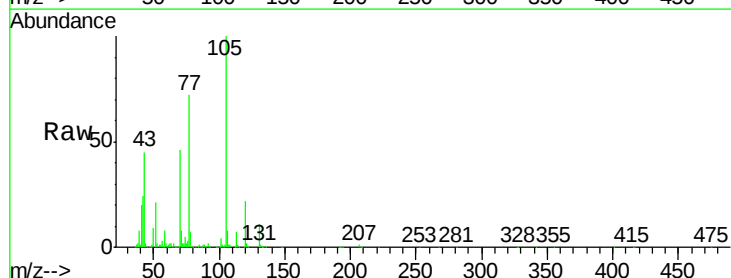
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 21.5 22.3 33.5#

120 22.4 16.9 25.3

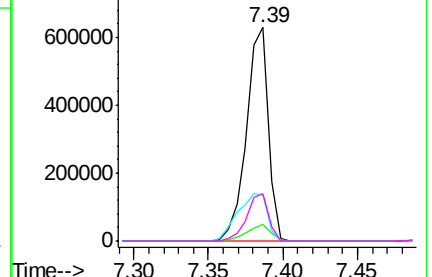
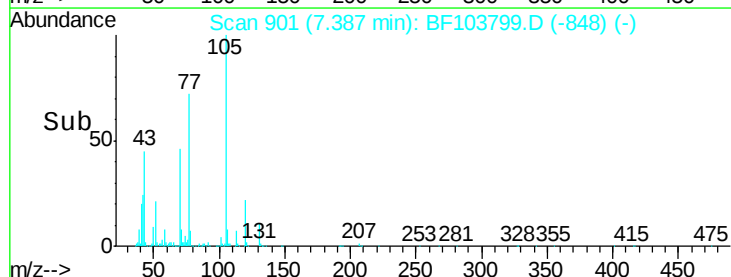


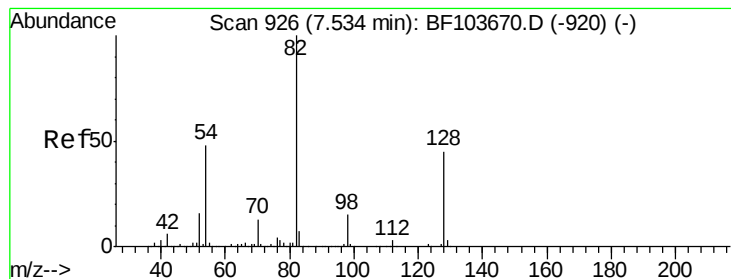
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 93.234 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

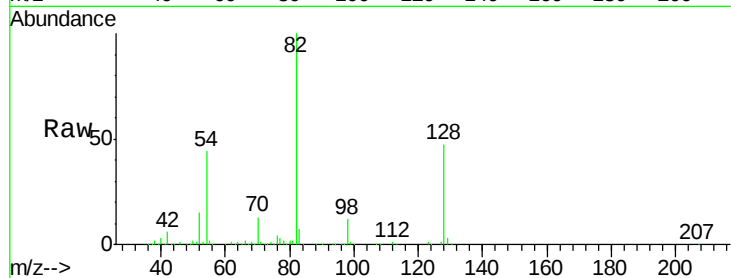
Tot Ion: 82 Resp: 926828

Ion Ratio Lower Upper

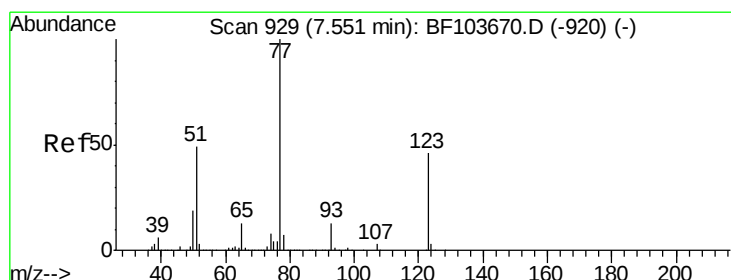
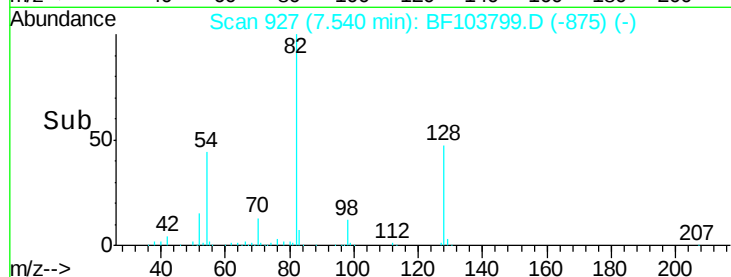
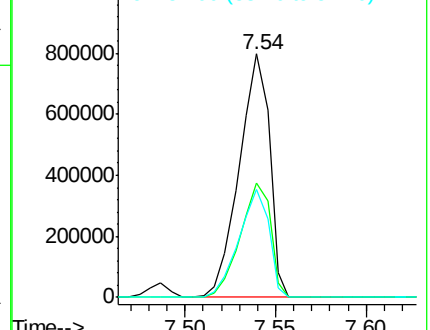
82 100

128 46.8 36.1 54.1

54 44.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.339 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

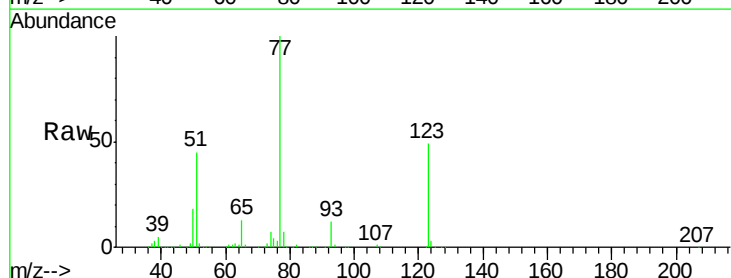
Tgt Ion: 77 Resp: 494125

Ion Ratio Lower Upper

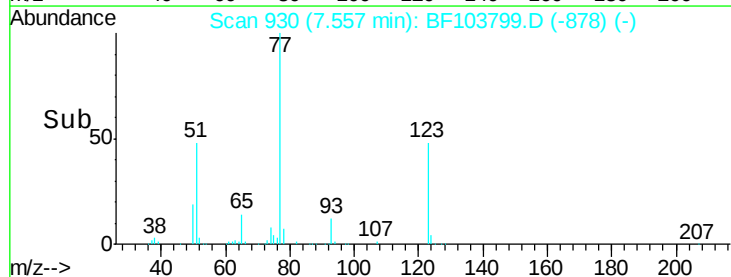
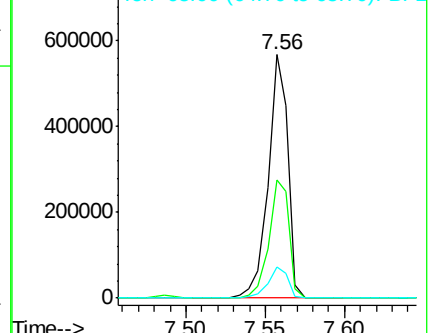
77 100

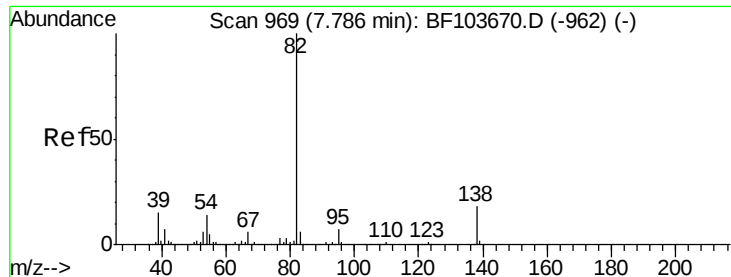
123 48.6 37.9 56.9

65 12.7 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

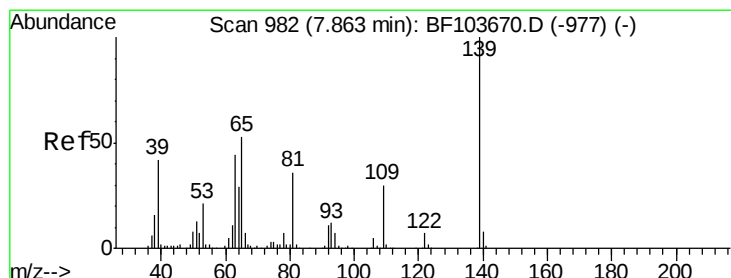
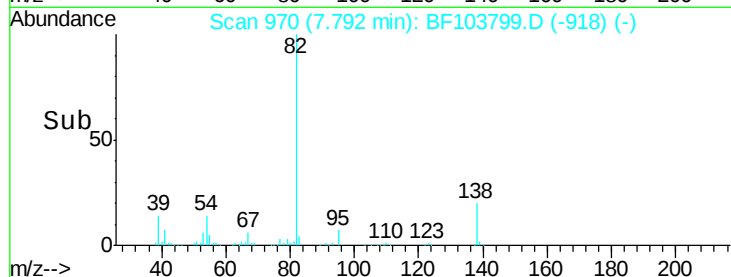
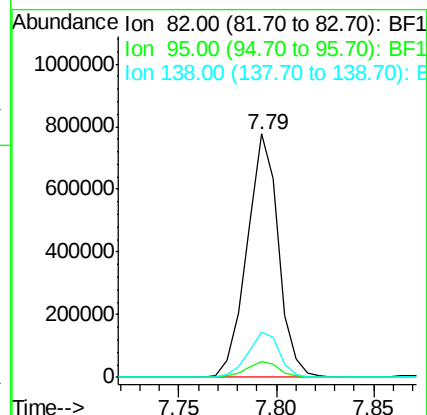
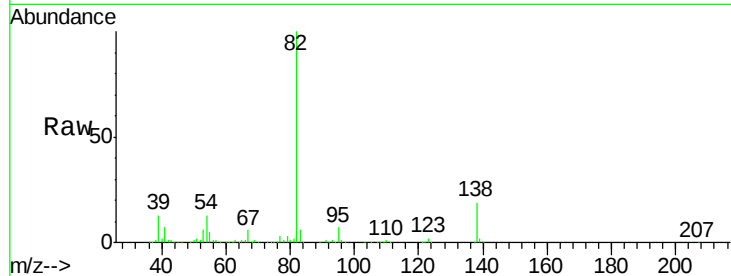




#25
Isophorone
Concen: 37.702 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

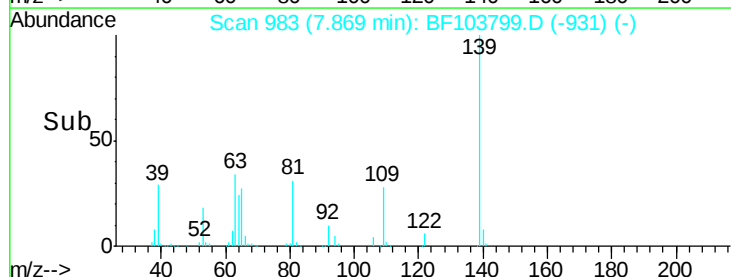
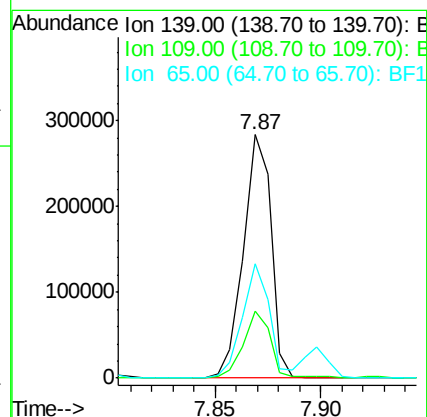
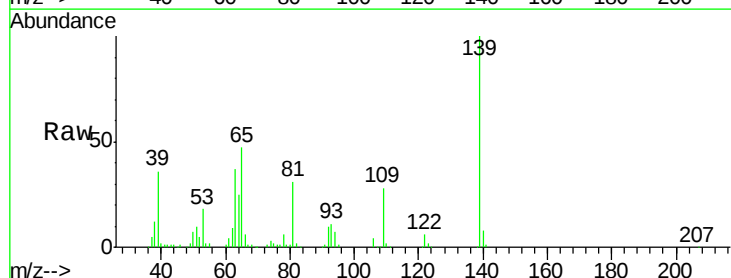
Instrument :
BNA_F
ClientSampleId :

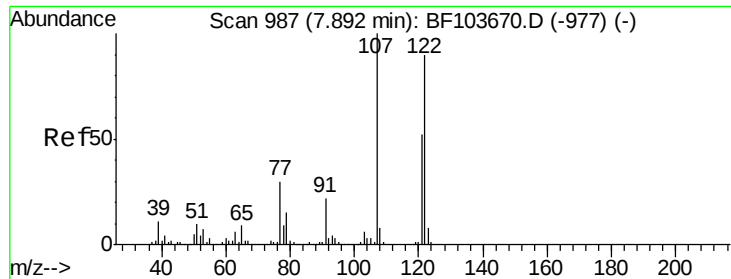
Tot Ion: 82 Resp: 867616
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 18.5 14.9 22.3



#26
2-Nitrophenol
Concen: 55.925 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion: 139 Resp: 256940
Ion Ratio Lower Upper
139 100
109 27.5 22.7 34.1
65 46.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.769 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

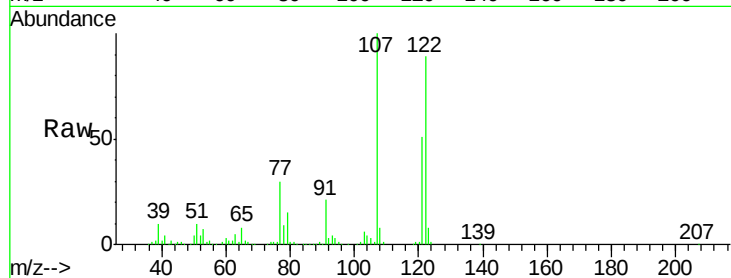
Tot Ion:122 Resp: 392067

Ion Ratio Lower Upper

122 100

107 112.8 91.2 136.8

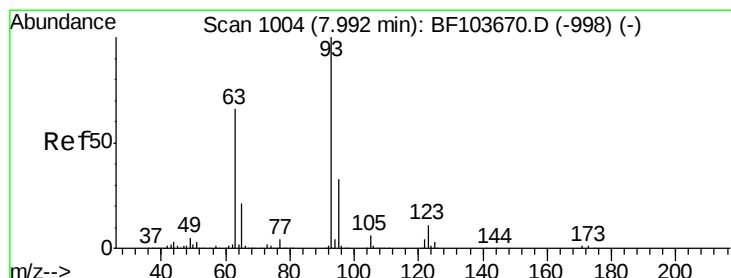
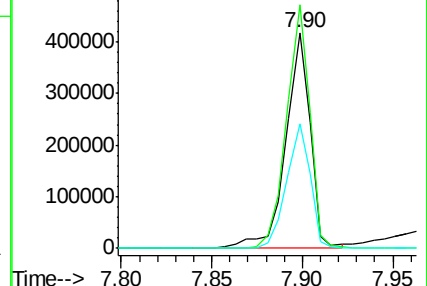
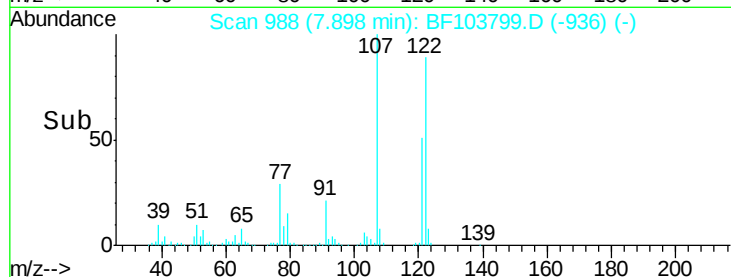
121 58.0 47.2 70.8



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: 38.479 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

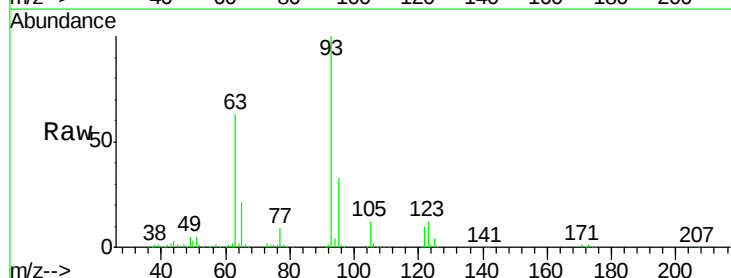
Tgt Ion: 93 Resp: 536202

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

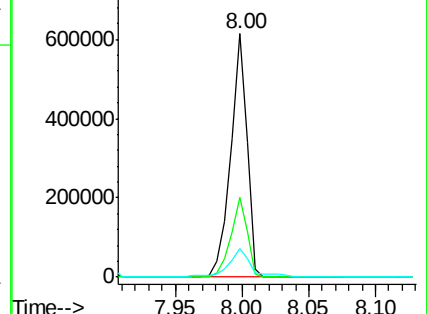
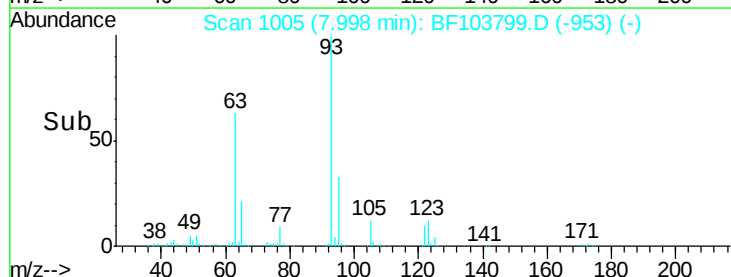
123 11.9 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.280 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampled :

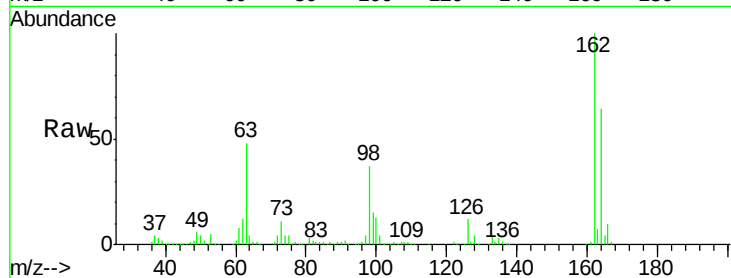
Tot Ion:162 Resp: 379217

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

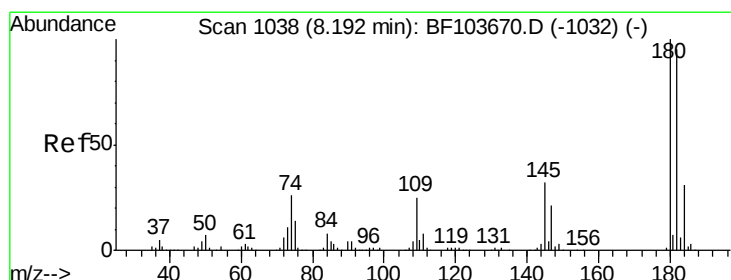
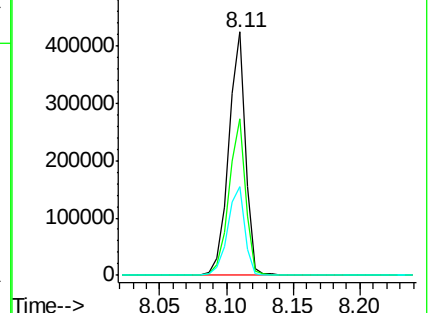
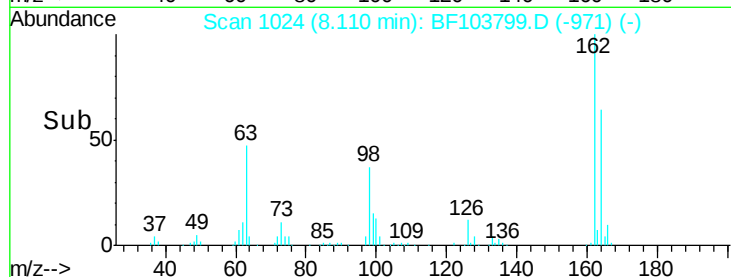
98 36.6 18.1 58.1



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): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.588 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

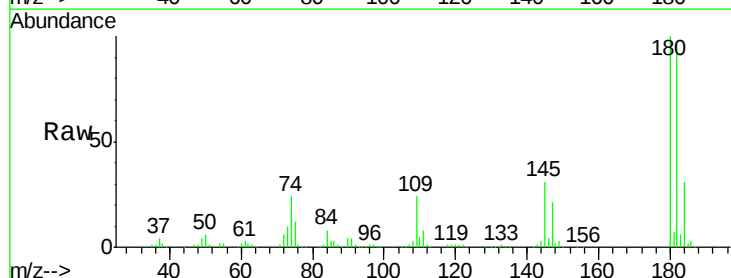
Tgt Ion:180 Resp: 411829

Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

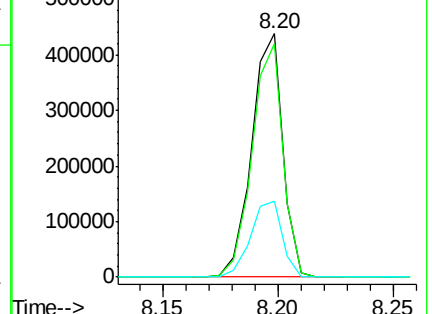
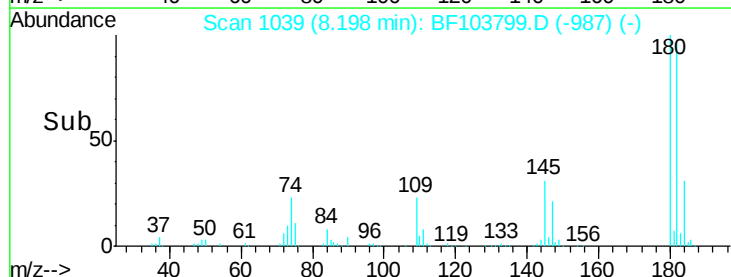
145 31.4 26.5 39.7

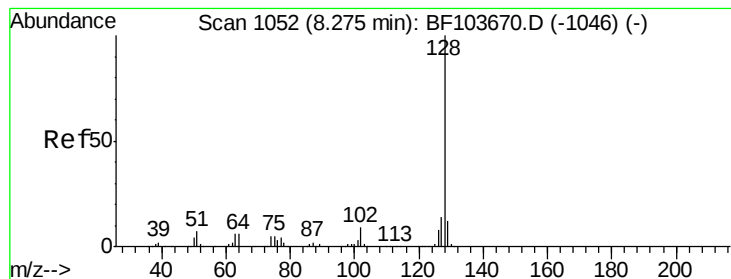


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.889 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

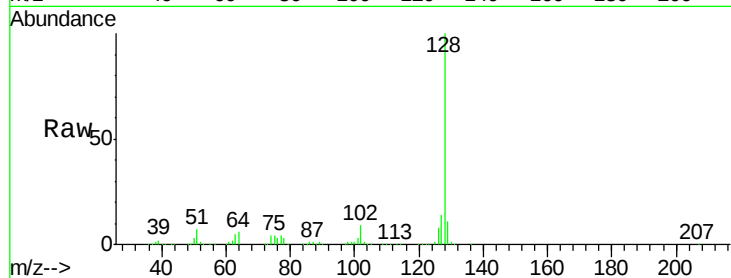
Tot Ion:128 Resp: 1326825

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

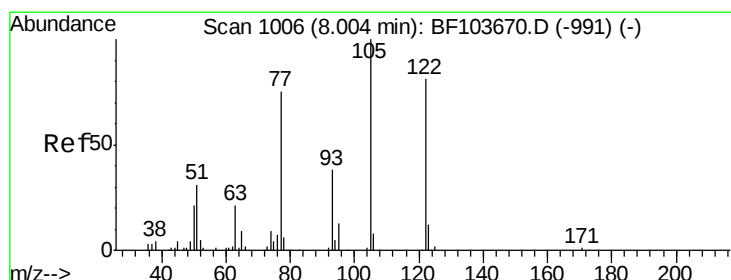
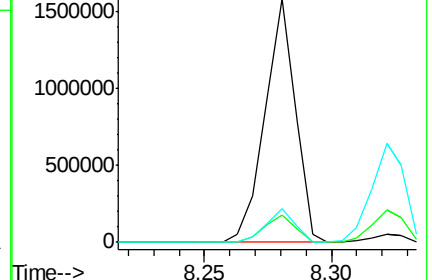
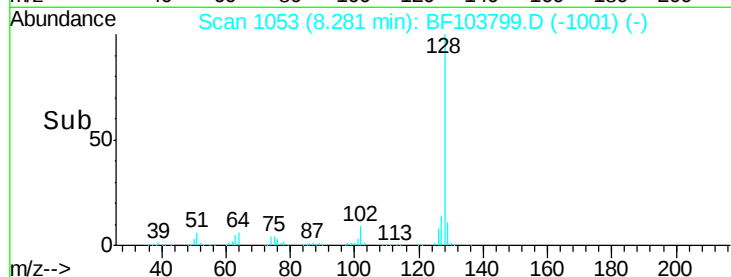
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.353 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.02 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

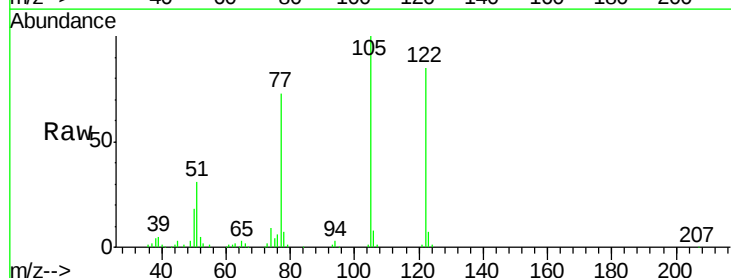
Tgt Ion:122 Resp: 293161

Ion Ratio Lower Upper

122 100

105 117.4 101.1 141.1

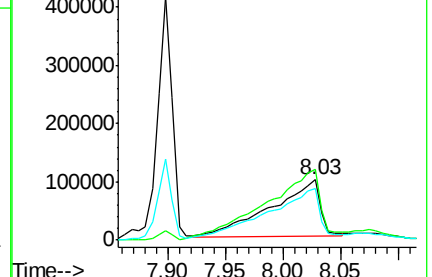
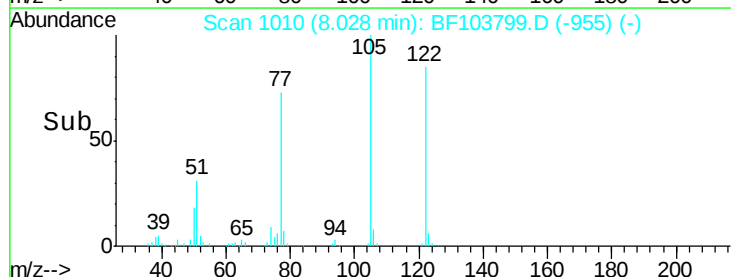
77 86.1 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

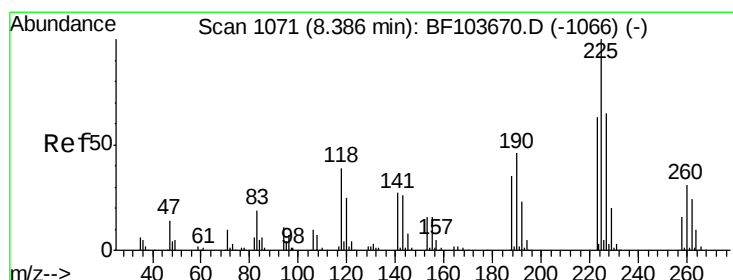
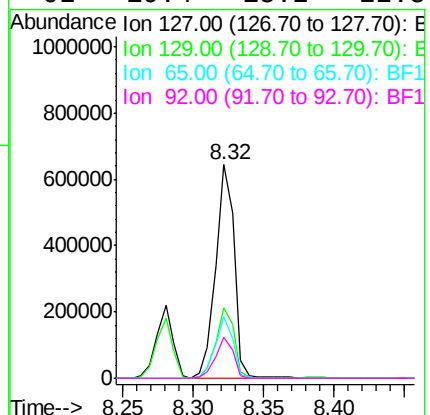
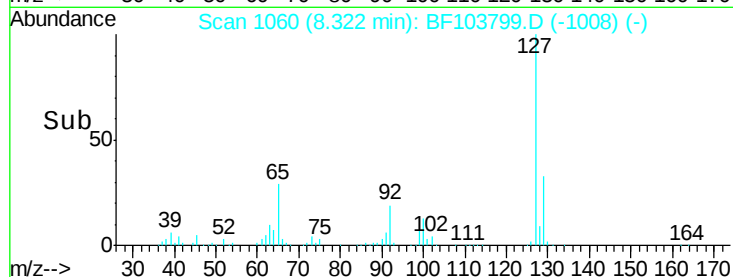
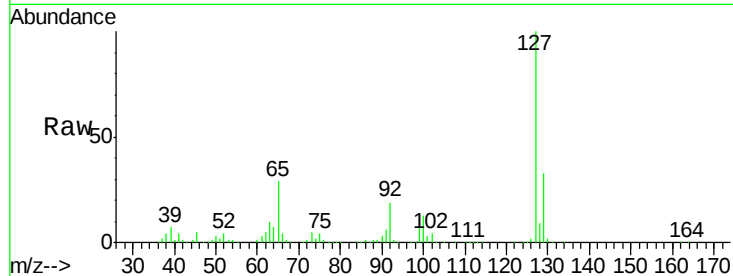




#33
4-Chloroaniline
Concen: 40.262 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

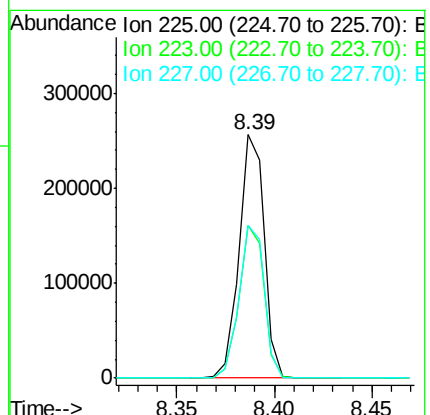
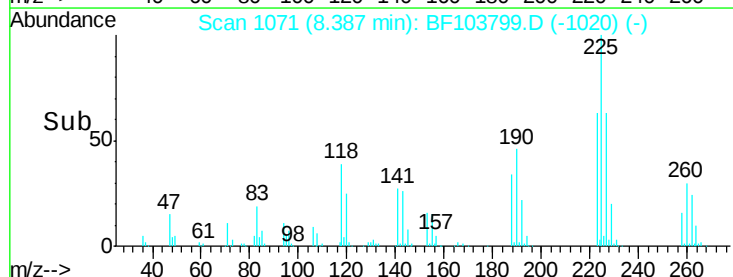
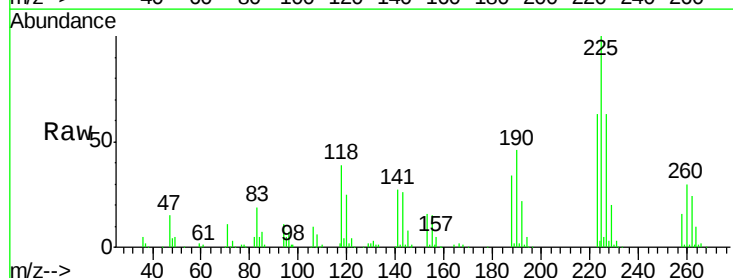
Instrument :
BNA_F
ClientSampled :

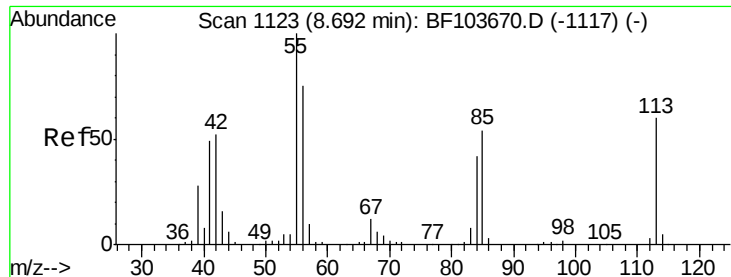
Tot Ion:	127	Resp:	591509
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	29.0	25.0	37.4
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.807 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:	225	Resp:	227042
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	62.9	51.9	77.9





#35

Caprolactam

Concen: 44.438 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.02 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

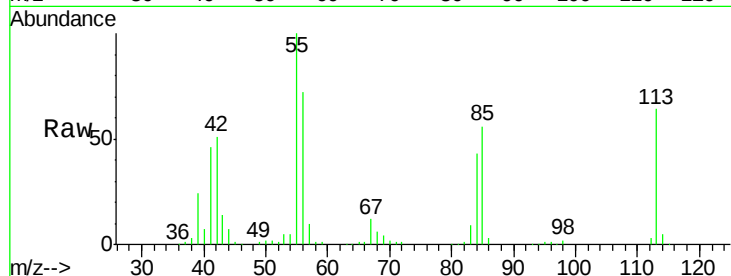
Tot Ion:113 Resp: 137245

Ion Ratio Lower Upper

113 100

55 156.6 163.3 203.3#

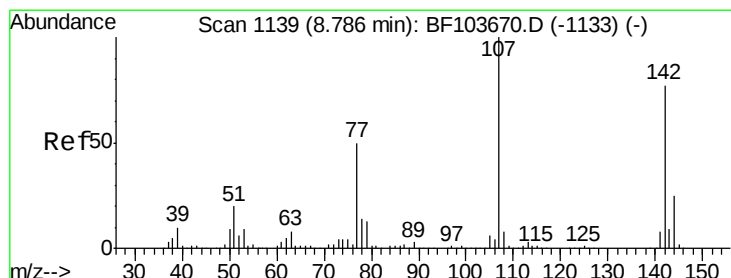
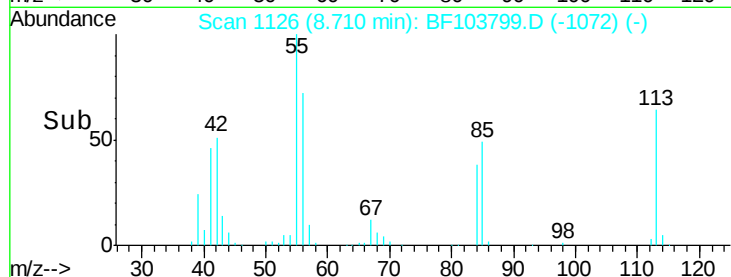
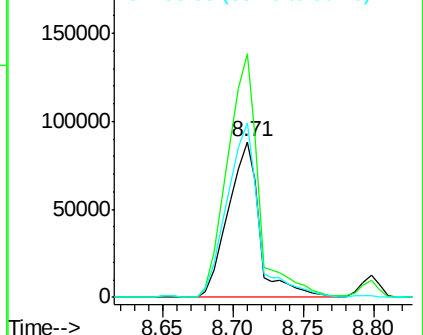
56 112.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.798 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

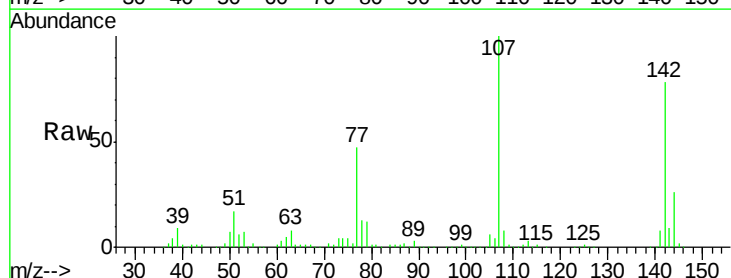
Tgt Ion:107 Resp: 403401

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

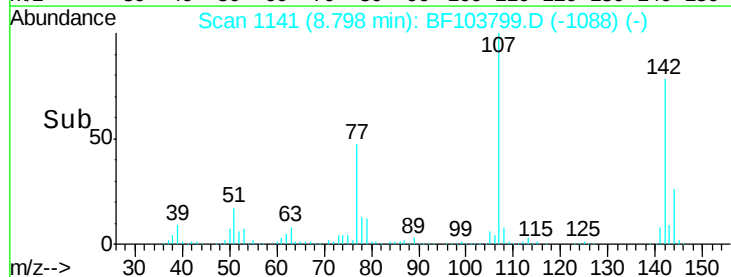
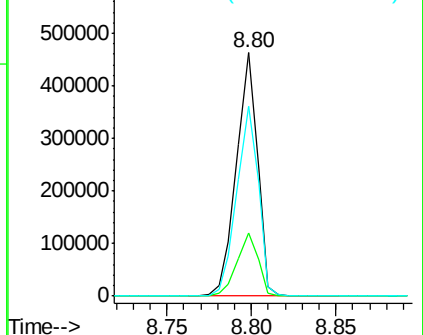
142 78.2 62.0 93.0

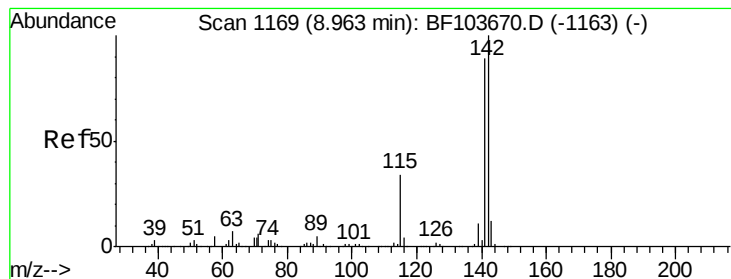


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

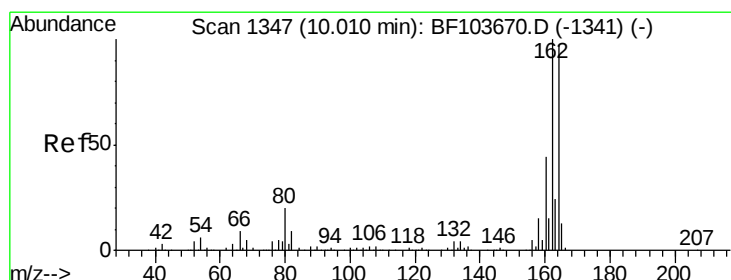
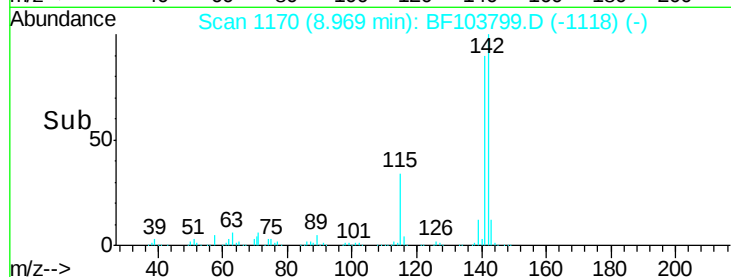
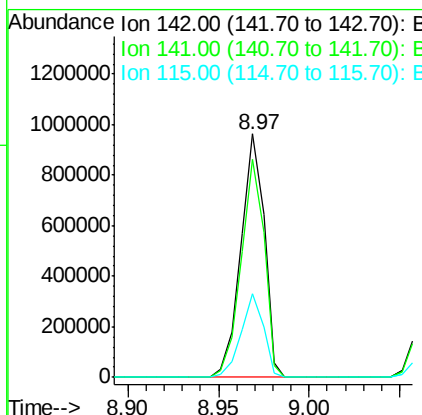
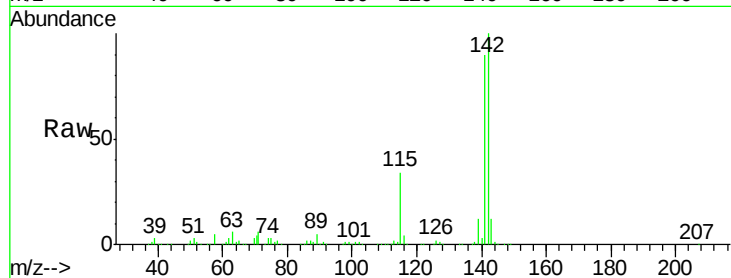




#37
 2-Methylnaphthalene
 Concen: 38.922 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

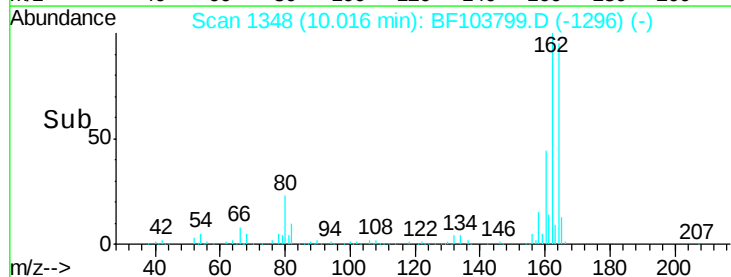
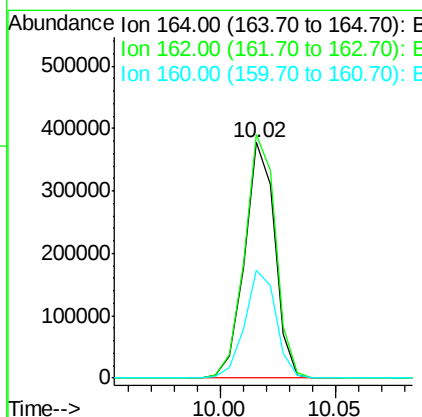
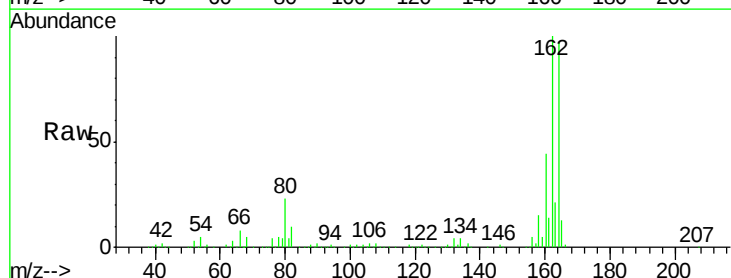
Instrument :
 BNA_F
 ClientSampleId :

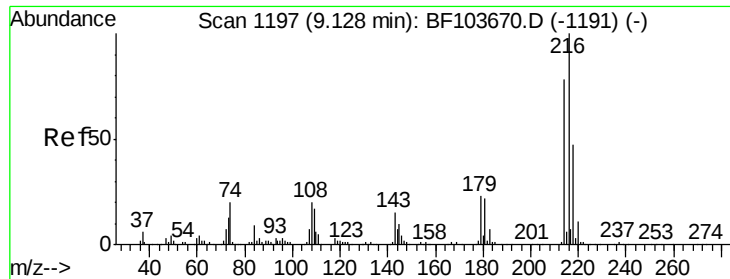
Tot Ion:142 Resp: 864351
 Ion Ratio Lower Upper
 142 100
 141 89.7 70.8 106.2
 115 34.4 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Tgt Ion:164 Resp: 346340
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 45.6 38.3 57.5

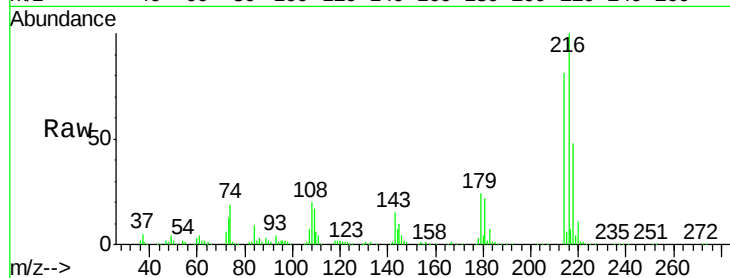




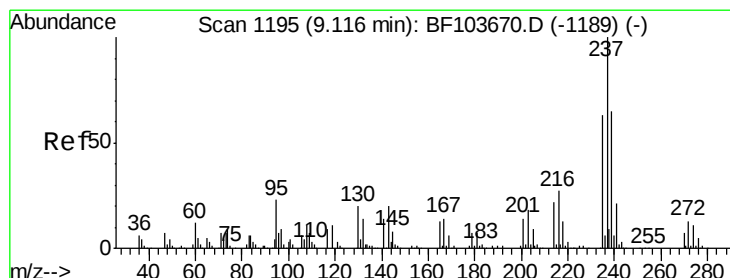
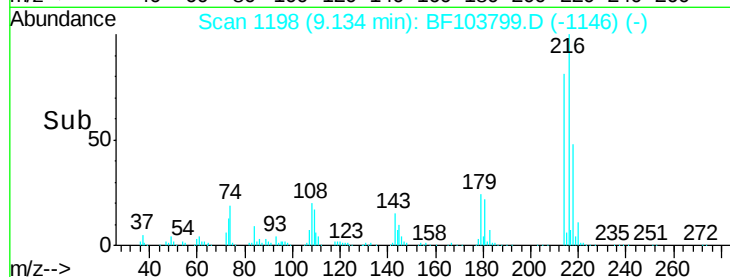
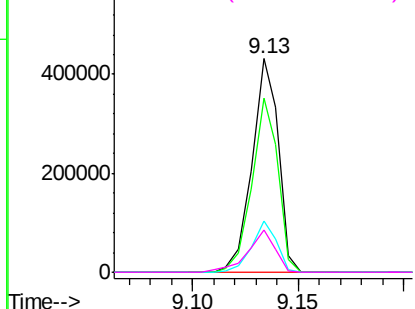
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.981 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	375282
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.0	94.4
179	22.6	18.1	27.1
108	20.9	17.2	25.8

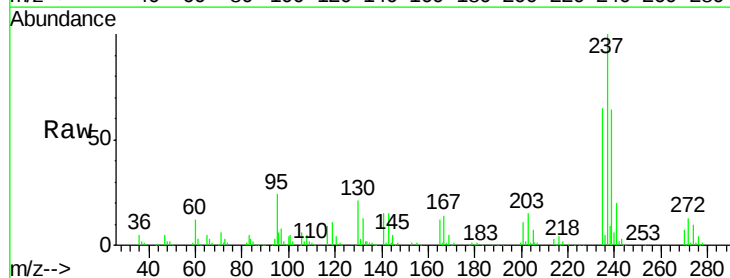


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

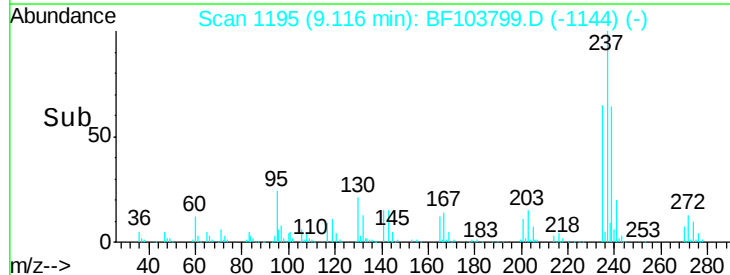
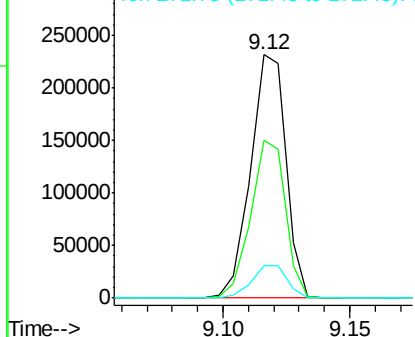


#40
 Hexachlorocyclopentadiene
 Concen: 44.174 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Tgt Ion:	237	Resp:	225220
Ion	Ratio	Lower	Upper
237	100		
235	65.0	44.8	84.8
272	13.1	0.0	33.3



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

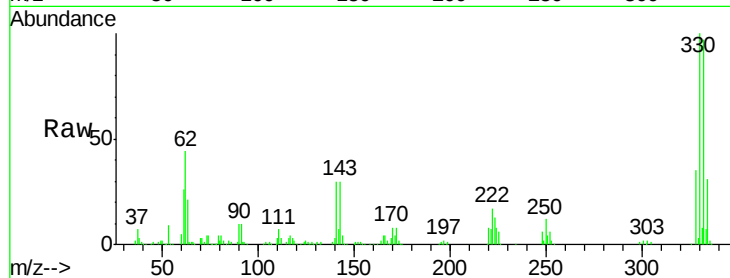




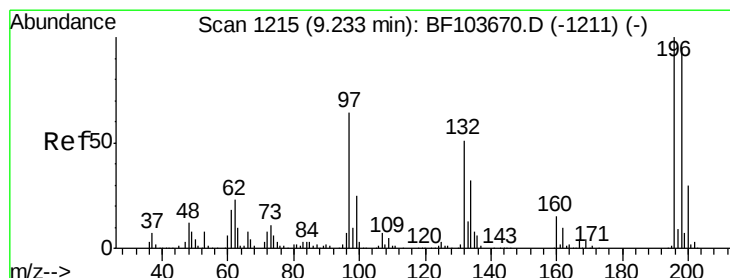
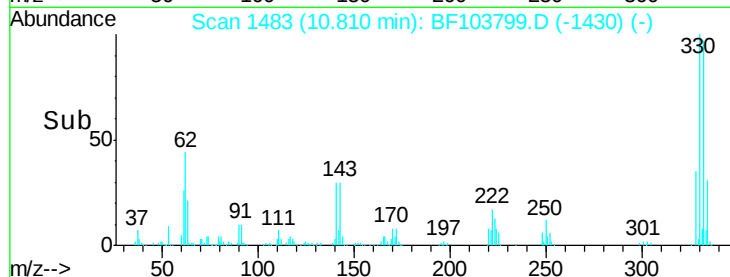
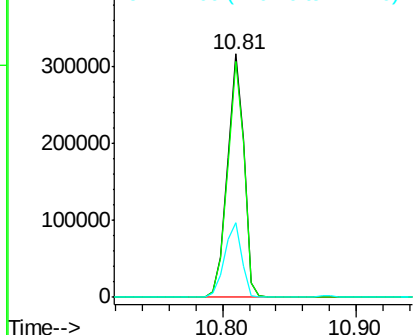
#41
 2,4,6-Tribromophenol
 Concen: 93.976 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 279848
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 31.6 29.9 44.9

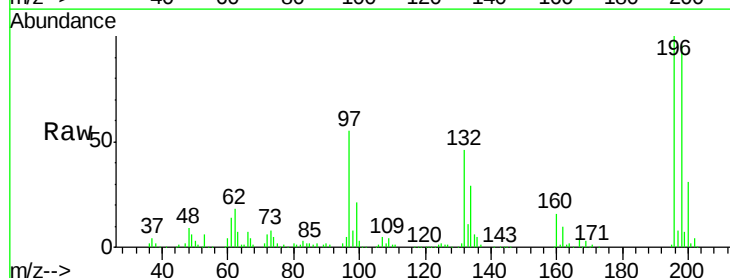


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

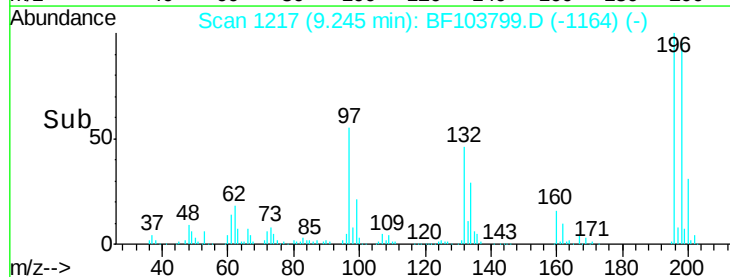
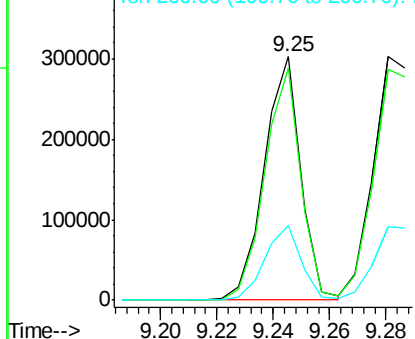


#42
 2,4,6-Trichlorophenol
 Concen: 42.738 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Tgt Ion:196 Resp: 270103
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 200 30.8 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

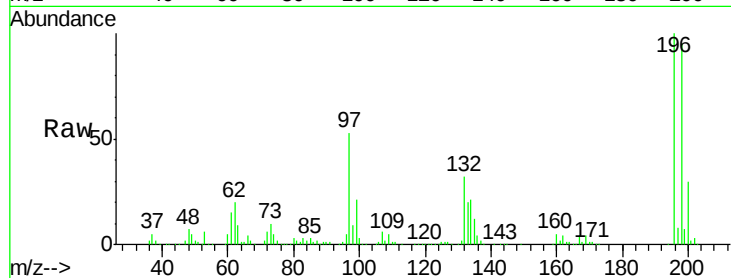




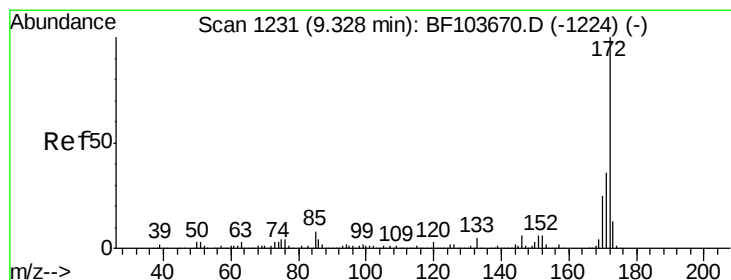
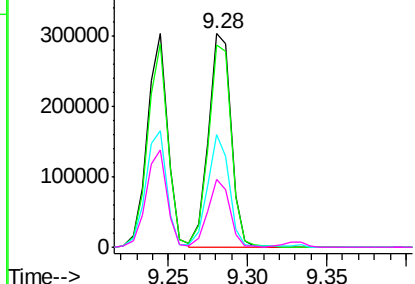
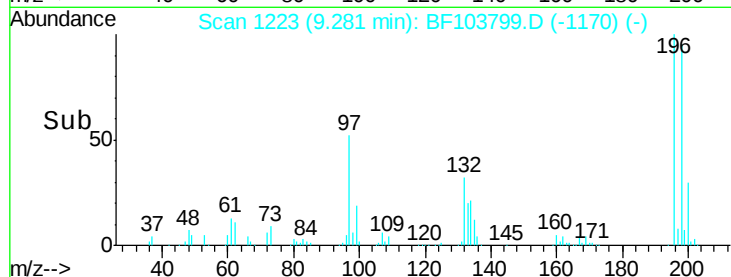
#43
 2,4,5-Trichlorophenol
 Concen: 42.620 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 304019
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.6 112.0
 97 52.9 42.9 64.3
 132 31.6 26.3 39.5

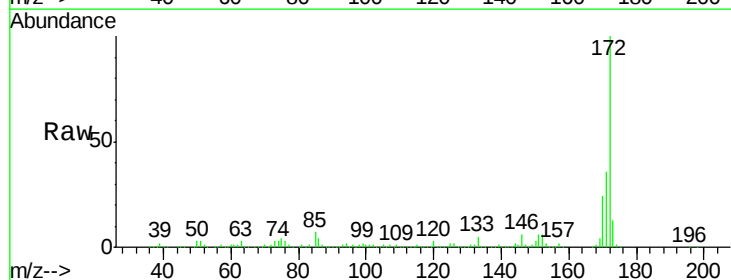


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

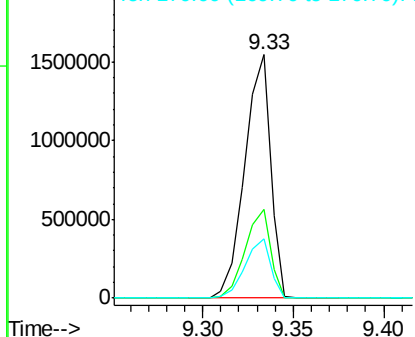
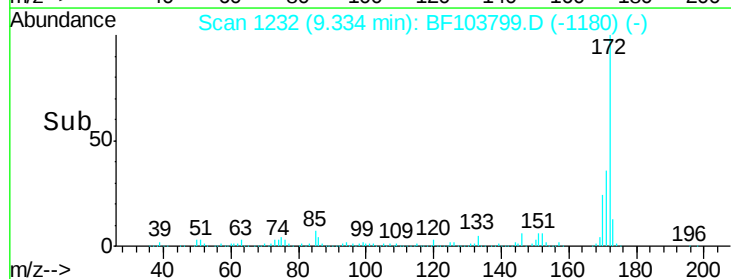


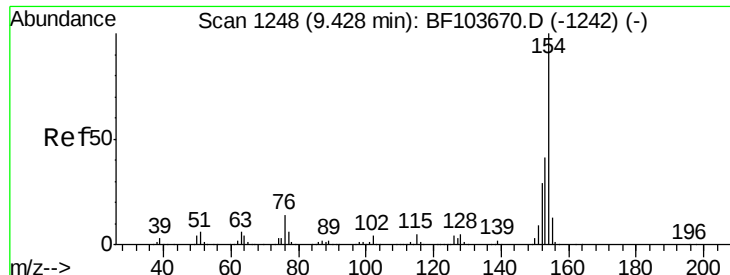
#44
 2-Fluorobiphenyl
 Concen: 70.487 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Tgt Ion:172 Resp: 1530424
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 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

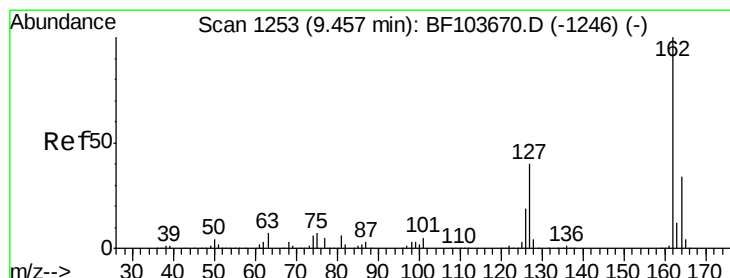
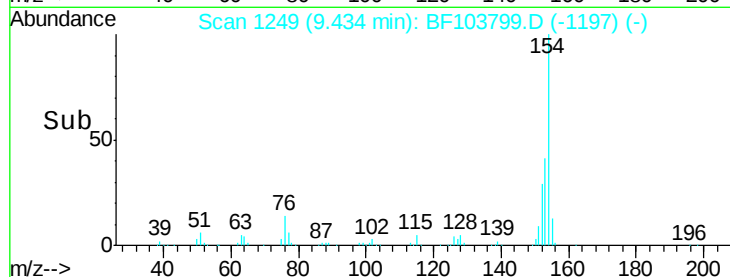
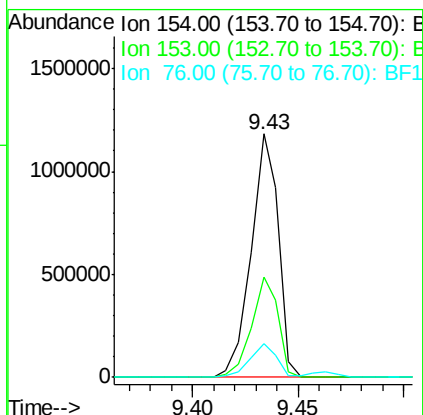
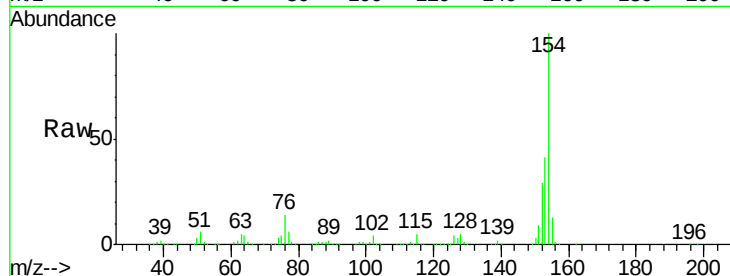




#45
 1,1'-Biphenyl
 Concen: 36.666 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

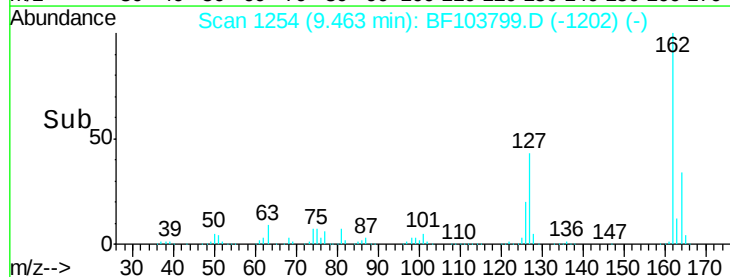
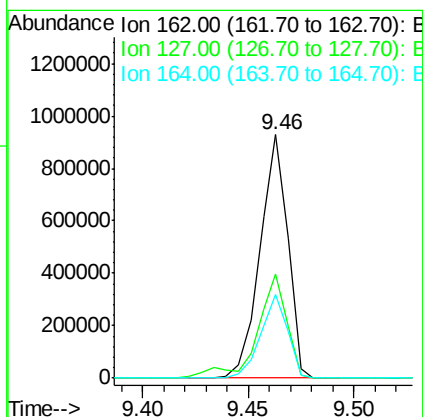
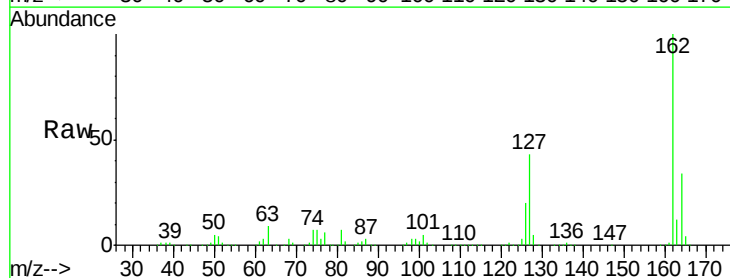
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1058905
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 14.1 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 36.848 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Tgt Ion:162 Resp: 845224
 Ion Ratio Lower Upper
 162 100
 127 42.6 33.9 50.9
 164 34.1 26.5 39.7

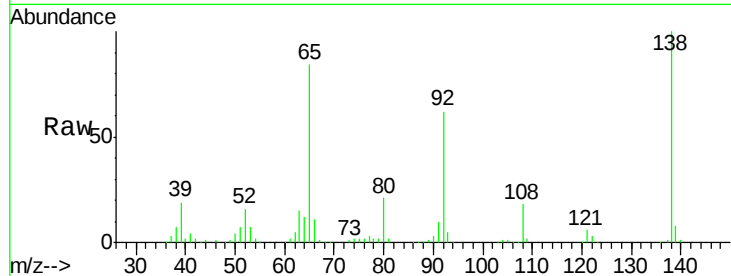




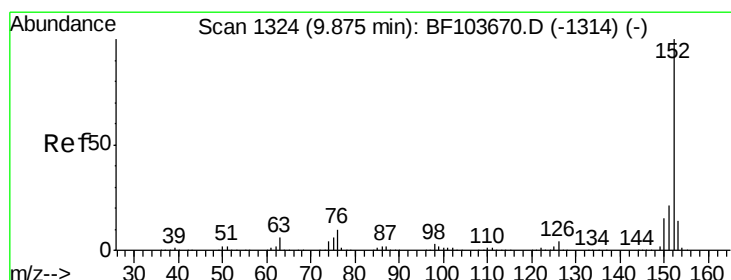
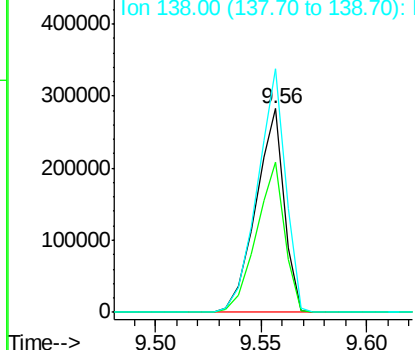
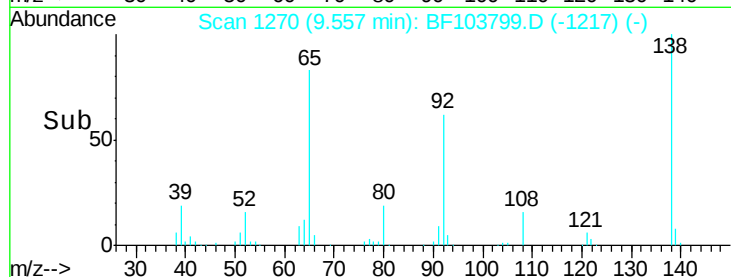
#47
2-Nitroaniline
Concen: 44.495 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 263519
Ion Ratio Lower Upper
65 100
92 74.0 55.8 83.6
138 119.7 91.2 136.8

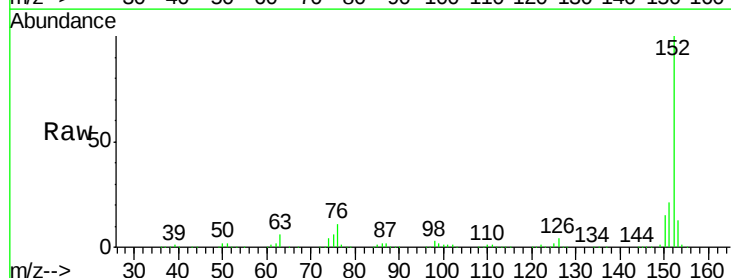


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

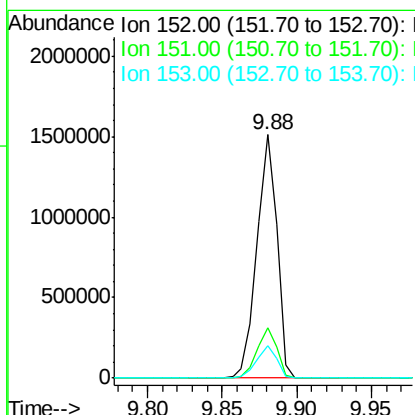
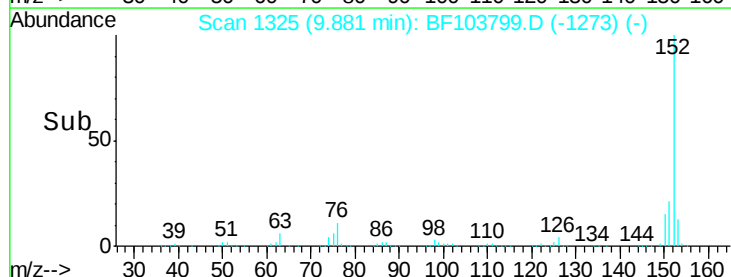


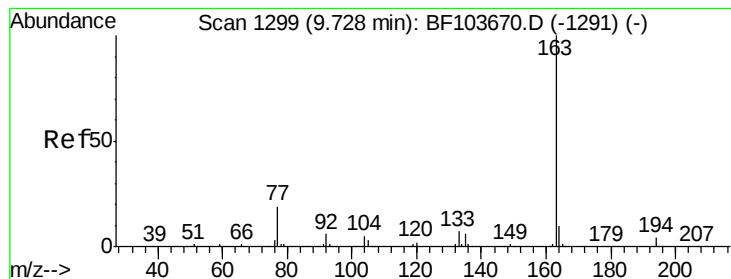
#48
Acenaphthylene
Concen: 39.027 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion: 152 Resp: 1388178
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 41.132 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampled :

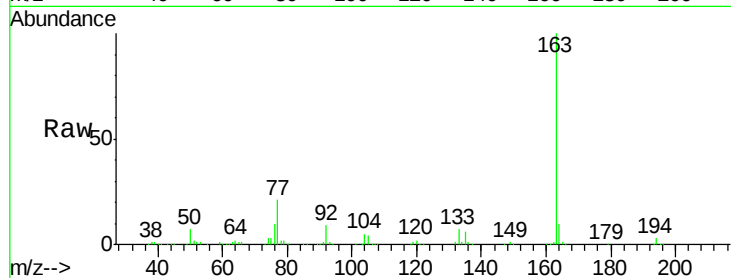
Tot Ion:163 Resp: 1086866

Ion Ratio Lower Upper

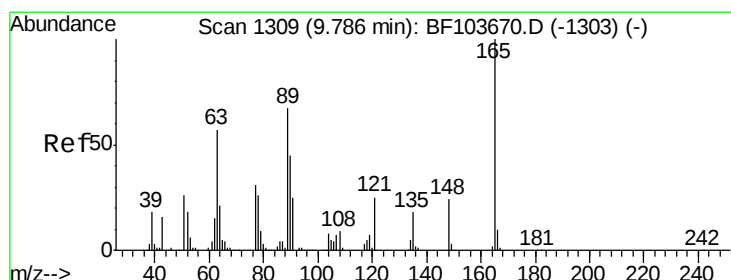
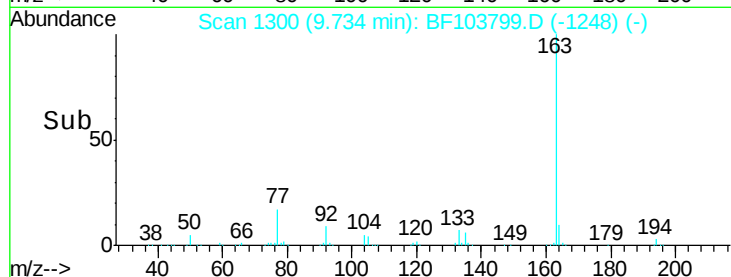
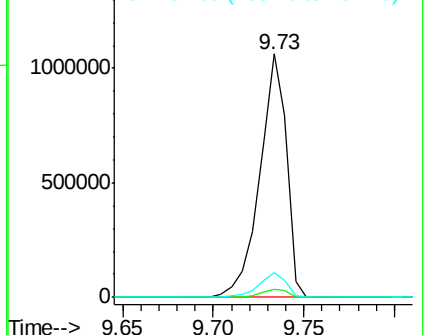
163 100

194 3.4 2.7 4.1

164 10.1 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: 47.427 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

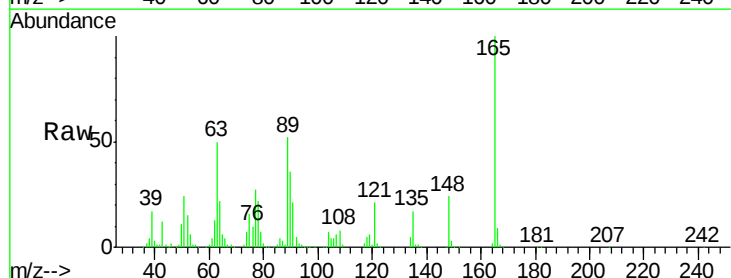
Tgt Ion:165 Resp: 242161

Ion Ratio Lower Upper

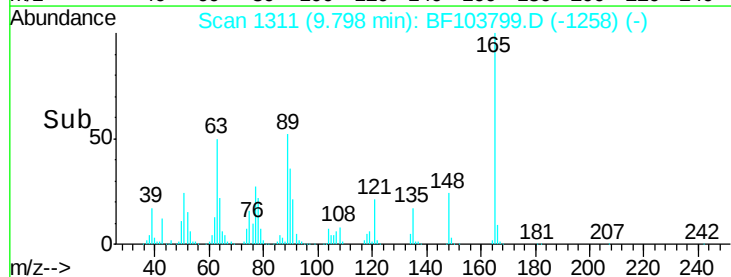
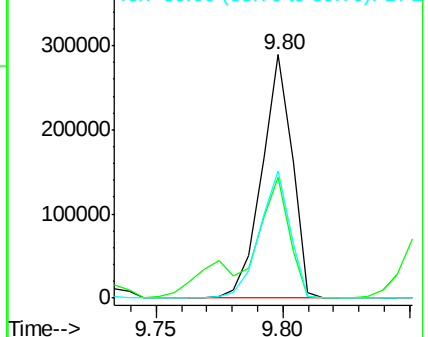
165 100

63 49.7 44.7 67.1

89 52.1 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.683 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

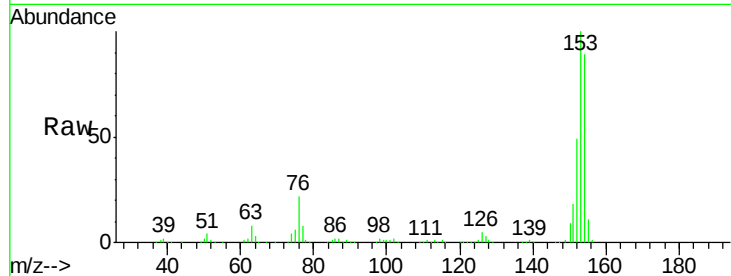
Tot Ion:154 Resp: 859237

Ion Ratio Lower Upper

154 100

153 112.1 91.2 136.8

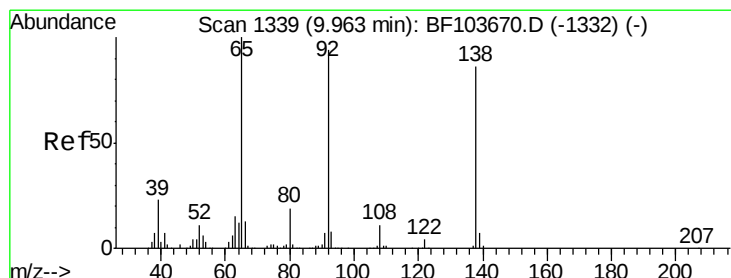
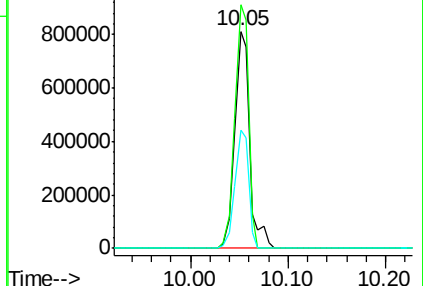
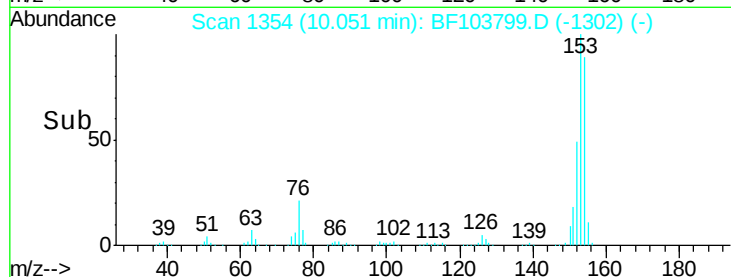
152 54.6 43.8 65.8



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: 46.893 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

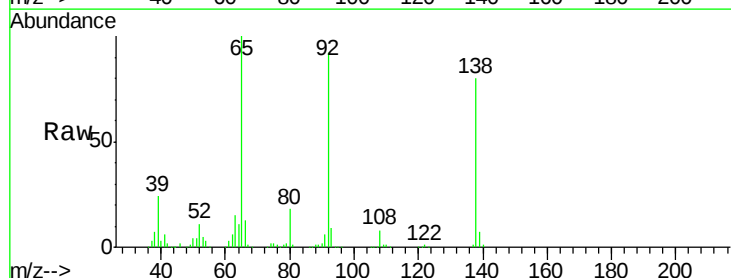
Tgt Ion:138 Resp: 286687

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

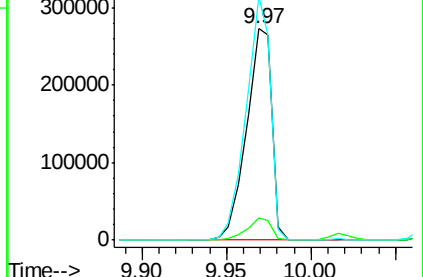
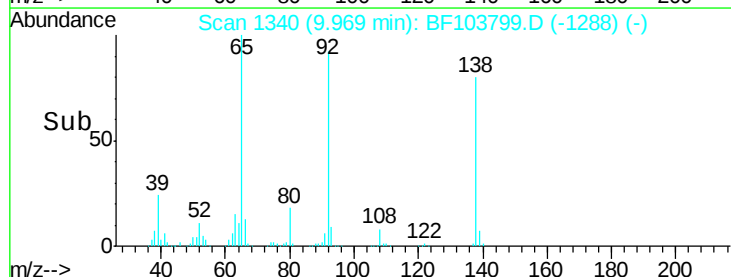
92 115.1 89.4 134.2

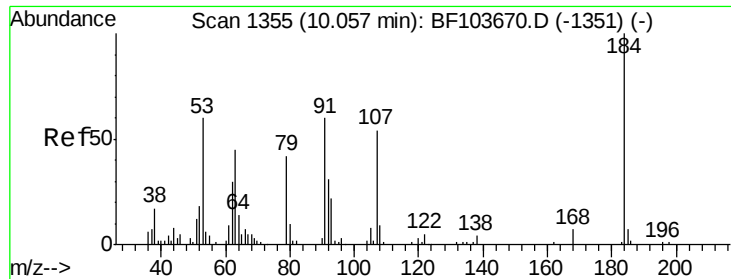


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

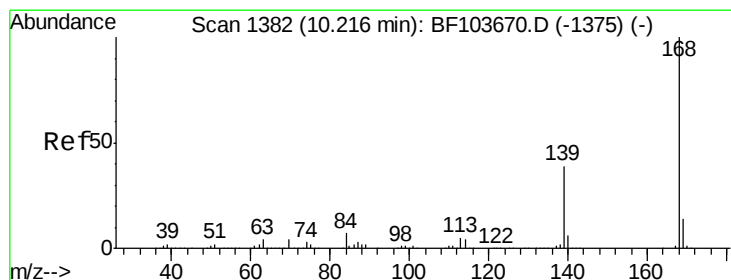
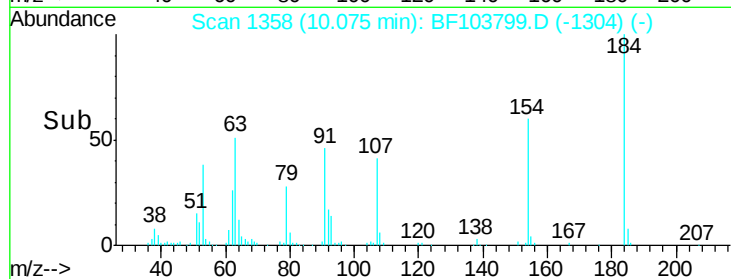
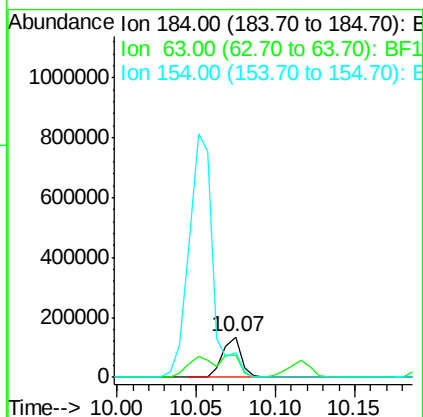
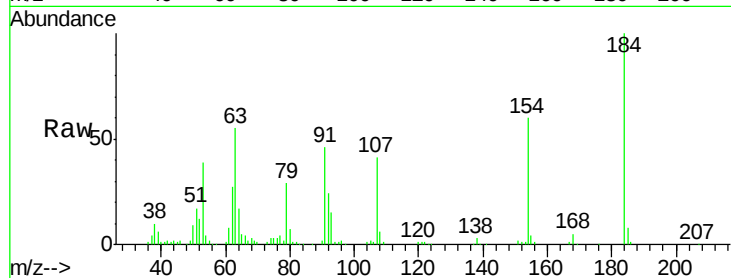




#53
2,4-Dinitrophenol
Concen: 74.760 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

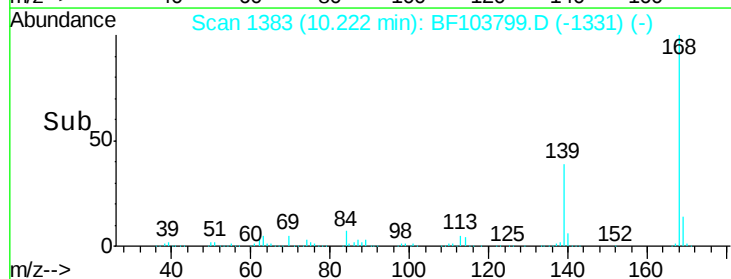
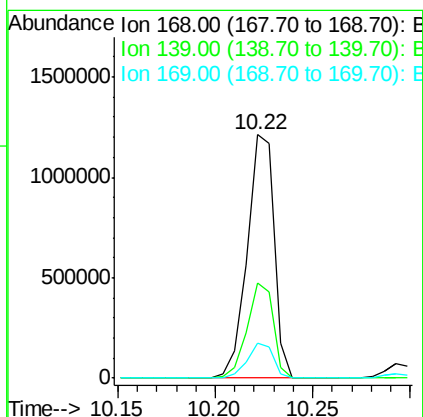
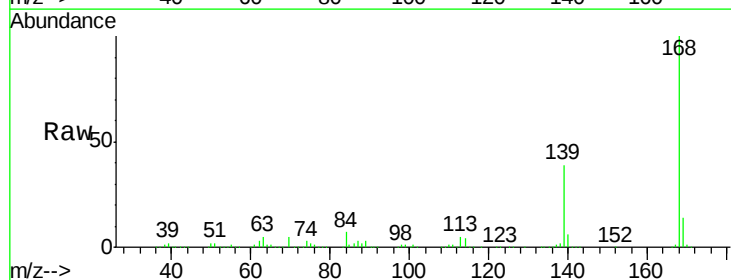
Instrument :
BNA_F
ClientSampled :

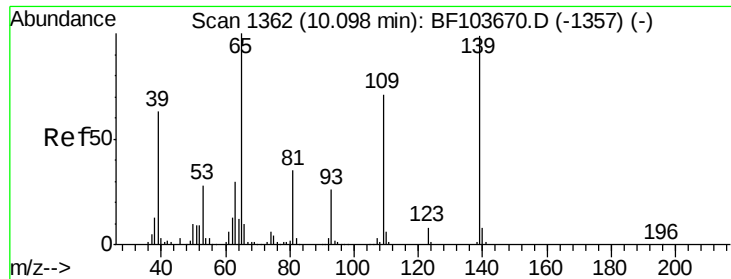
Tot Ion:184 Resp: 112271
Ion Ratio Lower Upper
184 100
63 55.1 54.2 81.2
154 60.3 184.0 276.0#



#54
Dibenzofuran
Concen: 38.328 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:168 Resp: 1156146
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 14.3 10.9 16.3

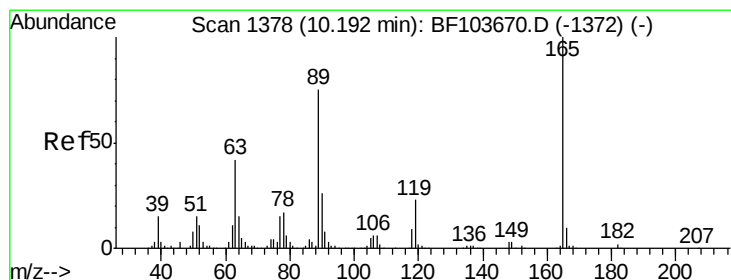
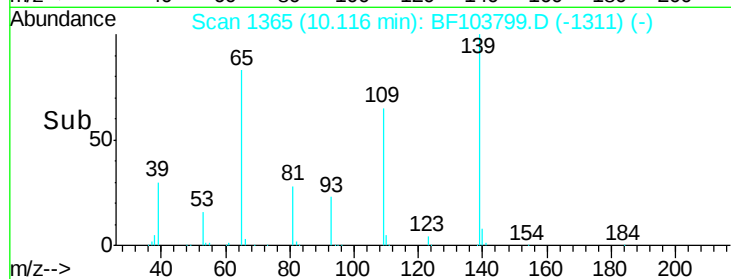
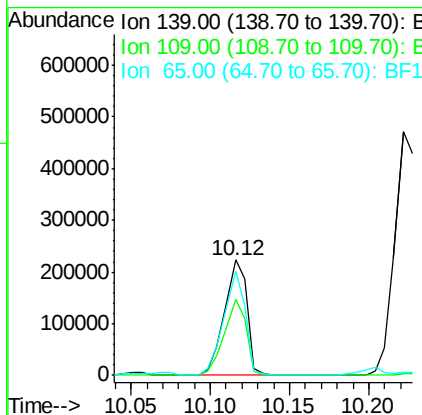
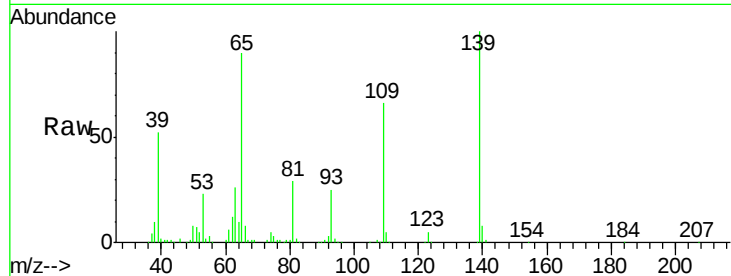




#55
4-Nitrophenol
Concen: 48.195 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

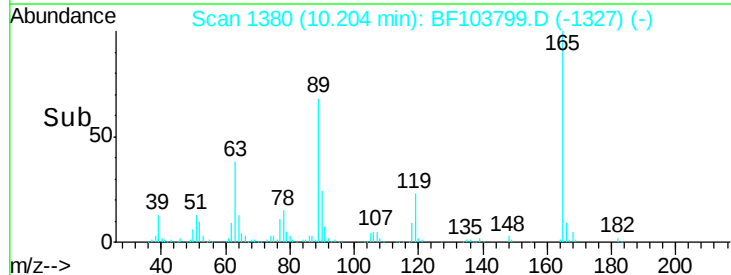
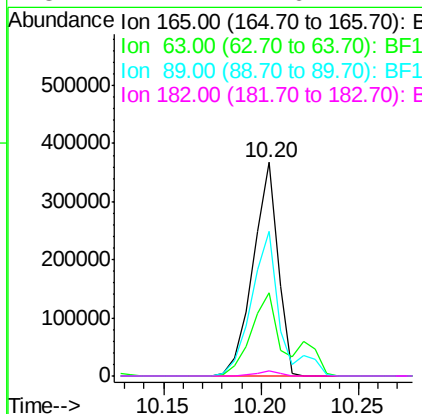
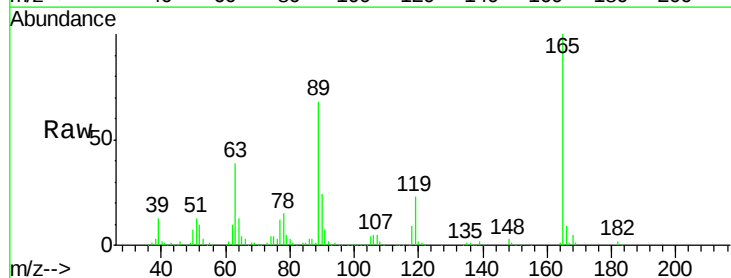
Instrument :
BNA_F
ClientSampled :

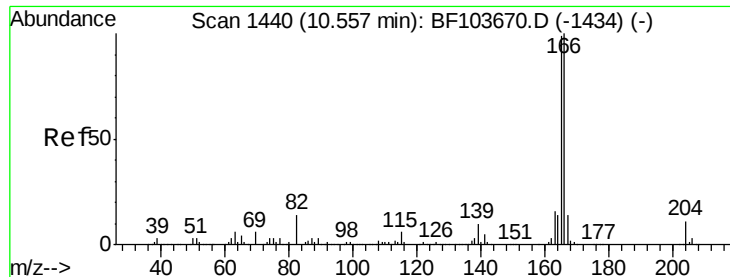
Tot Ion:139 Resp: 222964
Ion Ratio Lower Upper
139 100
109 65.5 48.4 88.4
65 90.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.918 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:165 Resp: 325105
Ion Ratio Lower Upper
165 100
63 38.8 36.4 54.6
89 67.8 57.8 86.6
182 2.4 1.6 2.4





#57

Fluorene

Concen: 36.788 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

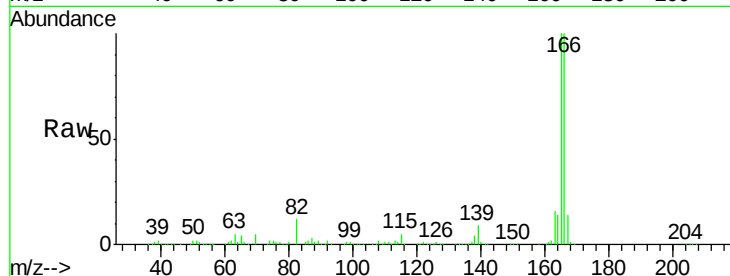
Tot Ion:166 Resp: 861086

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

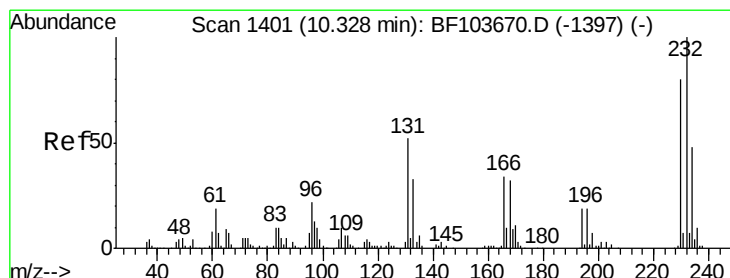
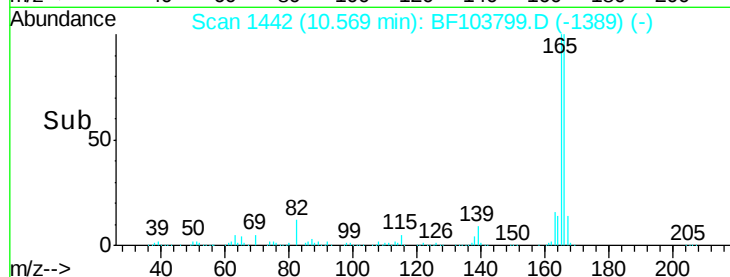
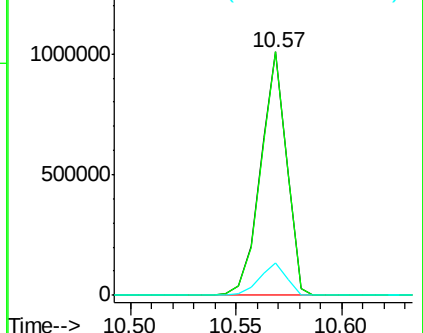
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.440 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Tgt Ion:232 Resp: 234727

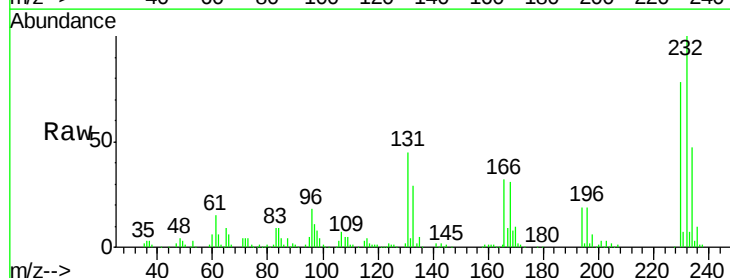
Ion Ratio Lower Upper

232 100

131 49.9 43.8 65.8

130 2.5 2.1 3.1

166 33.1 27.8 41.6

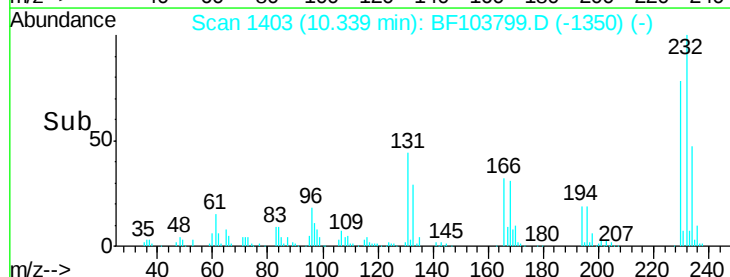
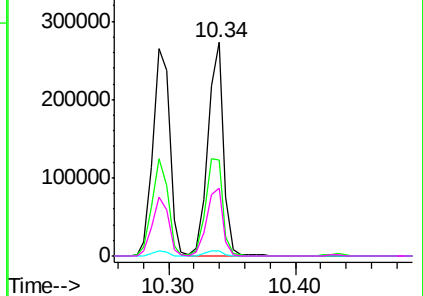


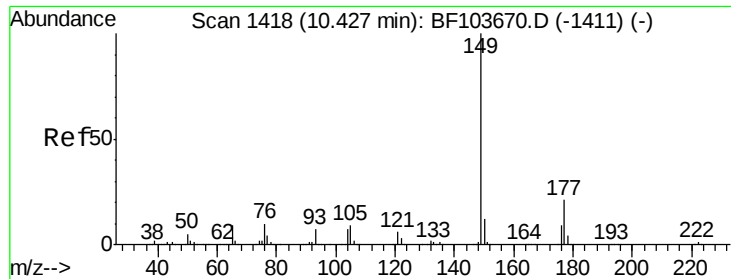
Abundance Ion 232.00 (231.70 to 232.70): E

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

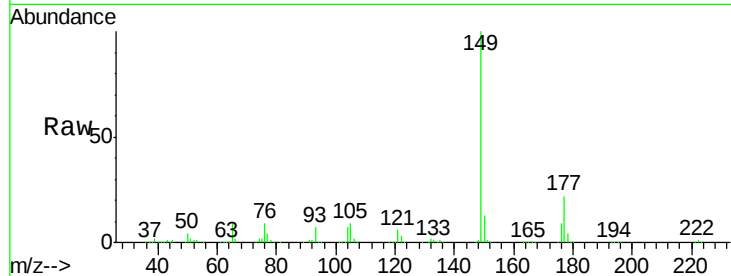




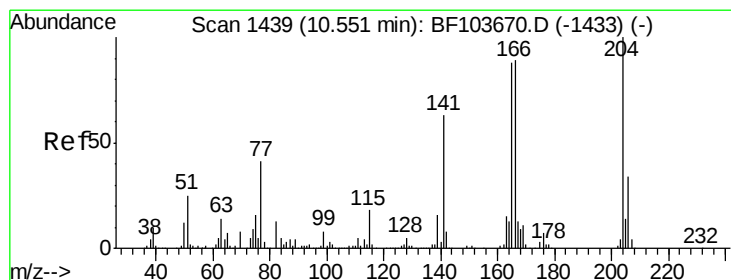
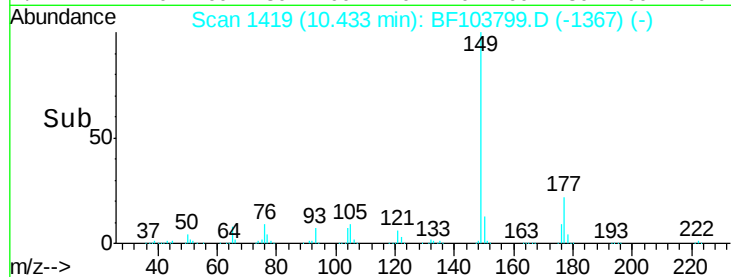
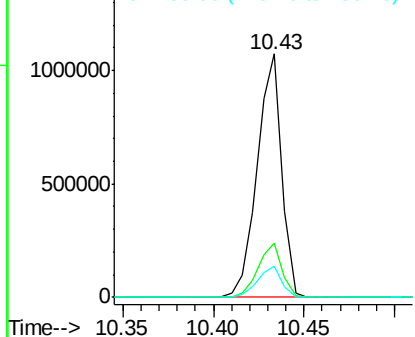
#59
Diethylphthalate
Concen: 38.276 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1003831
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.9 10.1 15.1

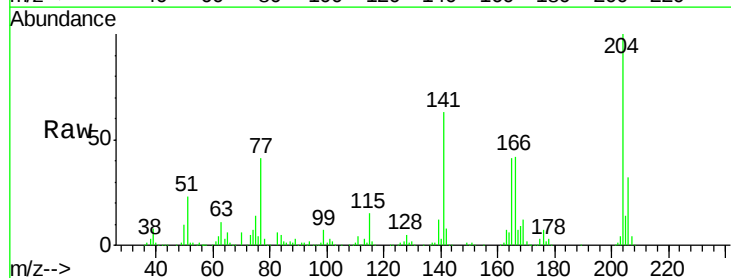


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

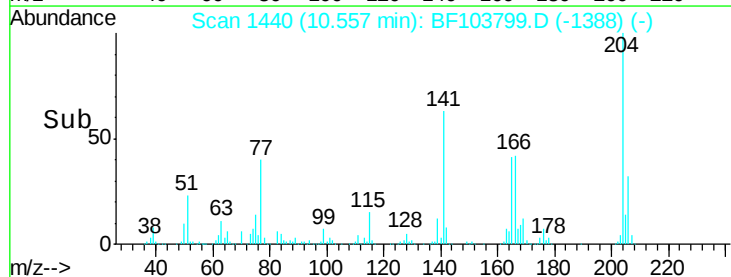
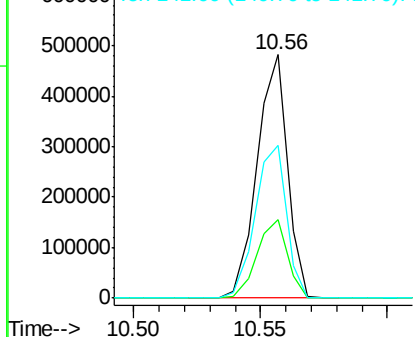


#60
4-Chlorophenyl-phenylether
Concen: 37.726 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:204 Resp: 403558
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 62.5 54.6 81.8



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

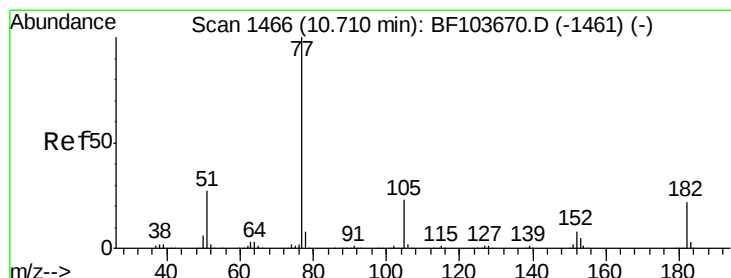
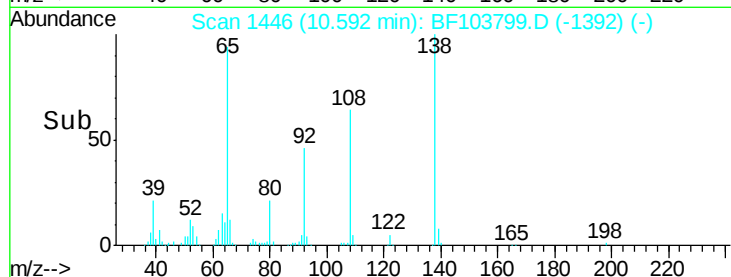
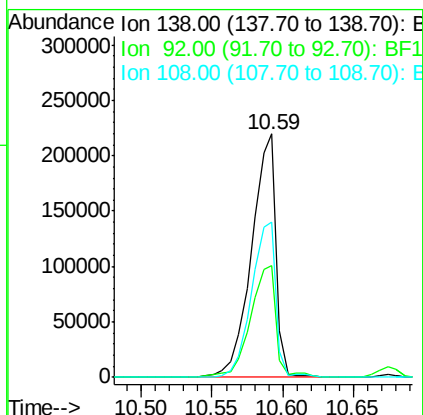
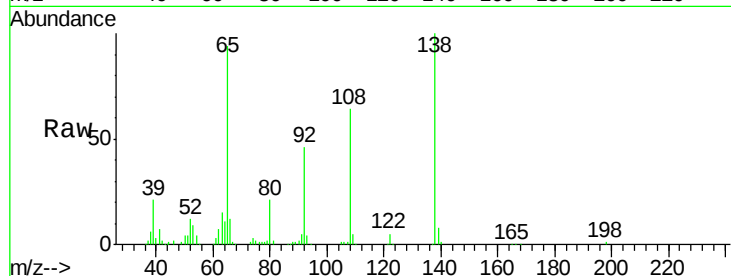




#61
4-Nitroaniline
Concen: 45.785 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.02 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

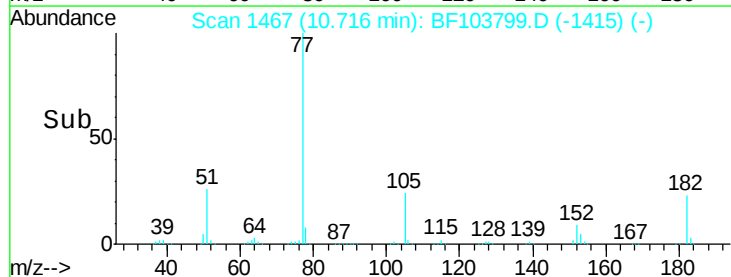
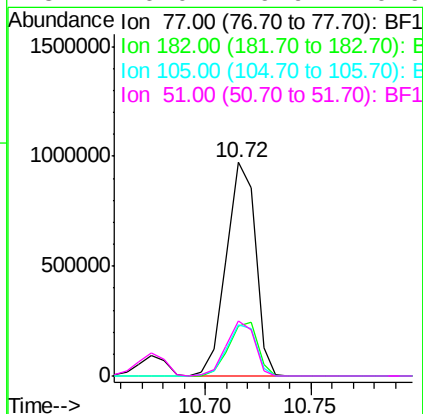
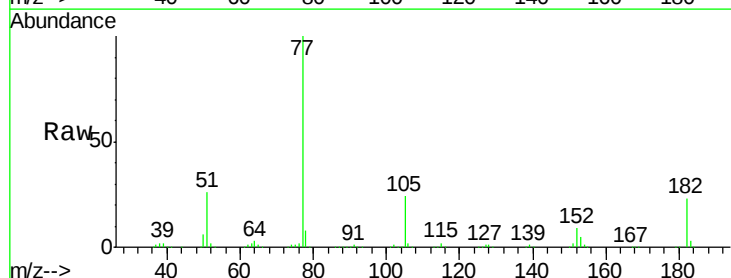
Instrument :
BNA_F
ClientSampled :

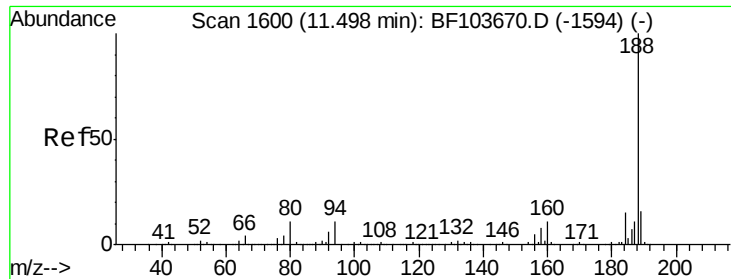
Tot Ion:138 Resp: 268846
Ion Ratio Lower Upper
138 100
92 46.0 30.2 70.2
108 63.7 52.5 92.5



#62
Azobenzene
Concen: 34.701 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion: 77 Resp: 925274
Ion Ratio Lower Upper
77 100
182 23.3 1.7 41.7
105 24.0 3.0 43.0
51 26.0 9.9 49.9

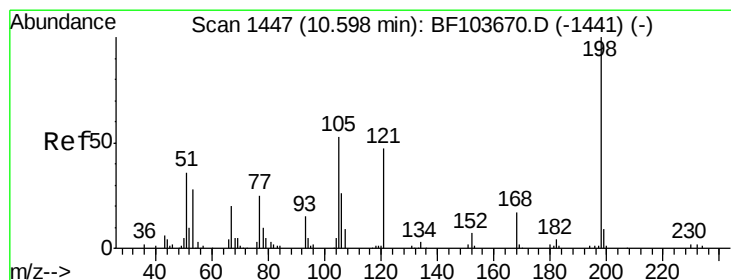
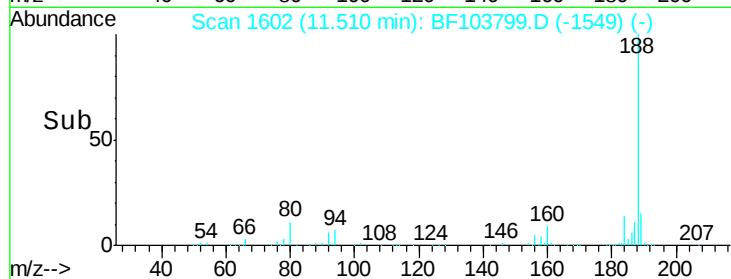
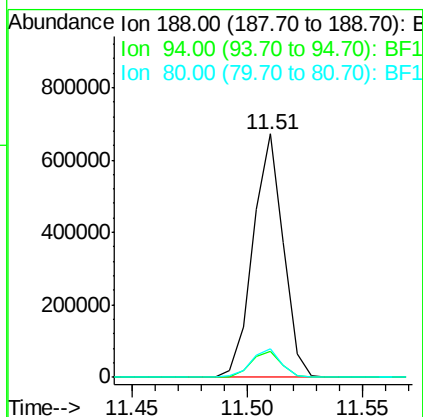
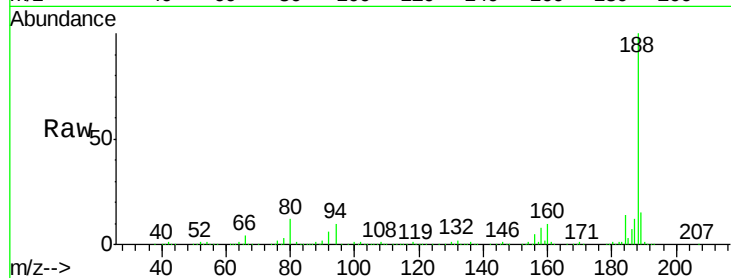




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

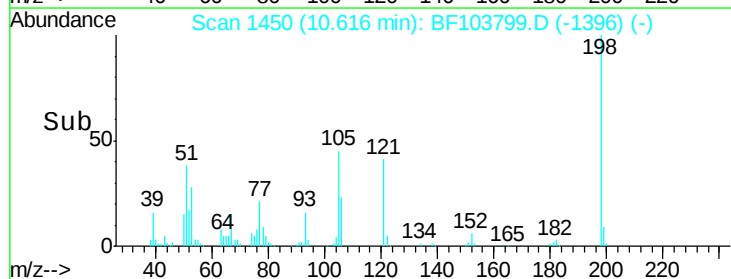
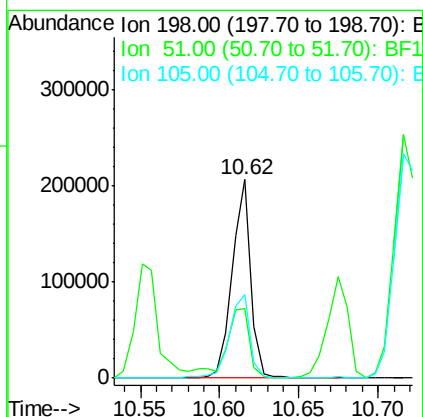
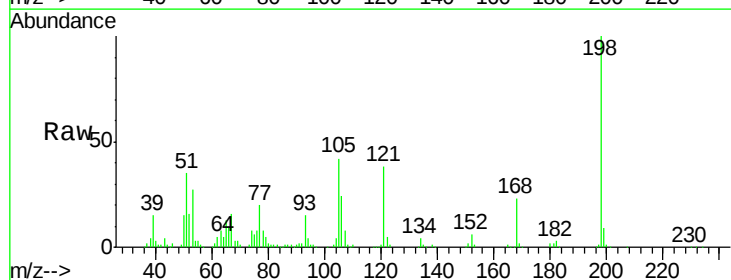
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 612665
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 64.062 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.02 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:198 Resp: 167001
Ion Ratio Lower Upper
198 100
51 35.3 37.7 77.7#
105 42.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.446 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

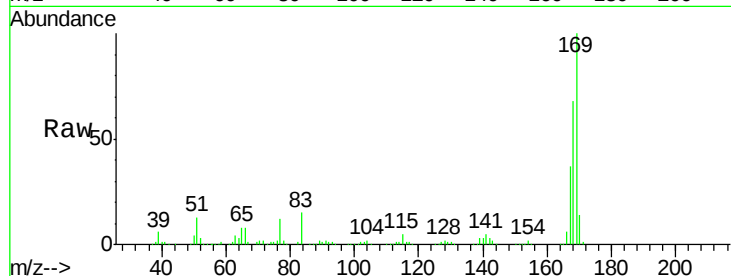
Tot Ion:169 Resp: 801755

Ion Ratio Lower Upper

169 100

168 68.1 54.4 81.6

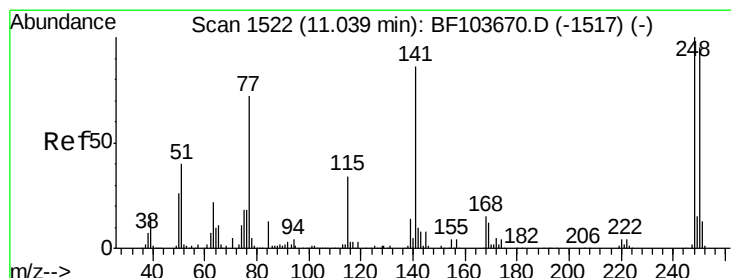
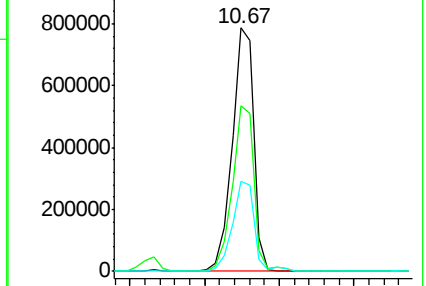
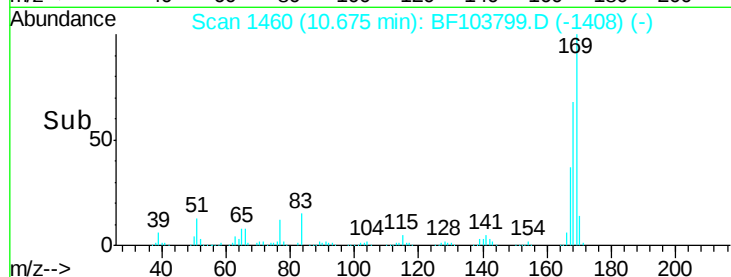
167 36.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.689 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

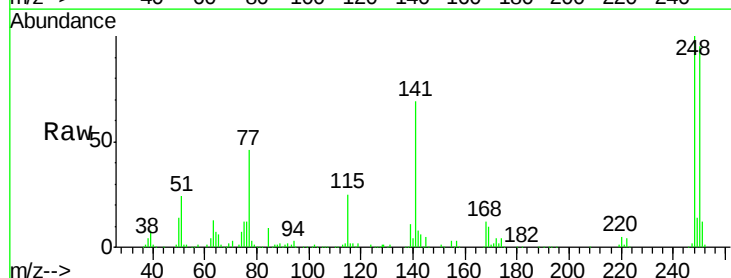
Tgt Ion:248 Resp: 255954

Ion Ratio Lower Upper

248 100

250 95.3 76.9 115.3

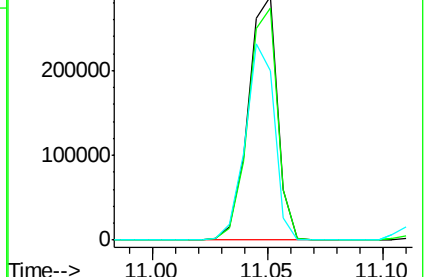
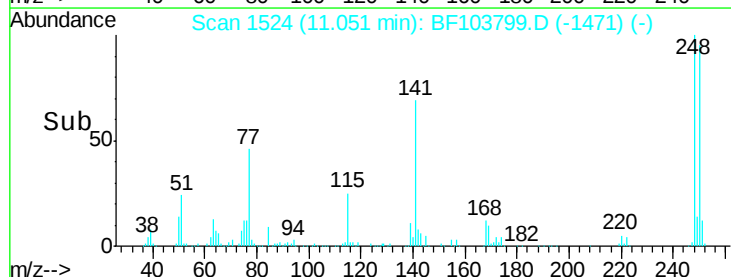
141 69.3 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

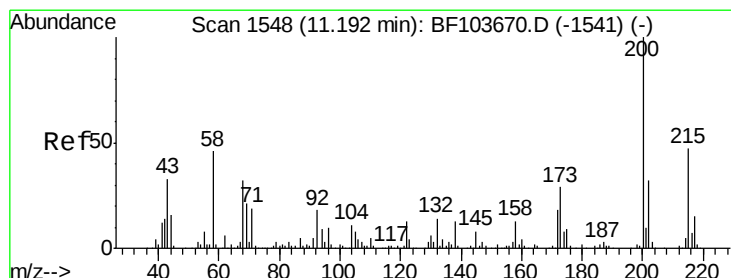
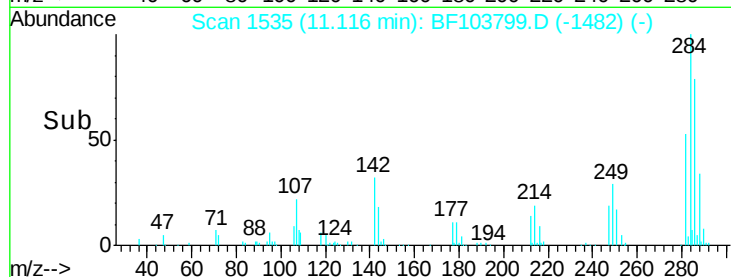
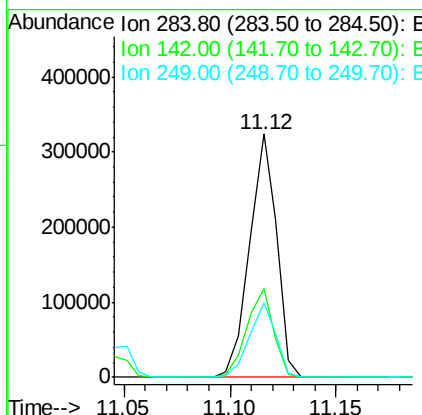
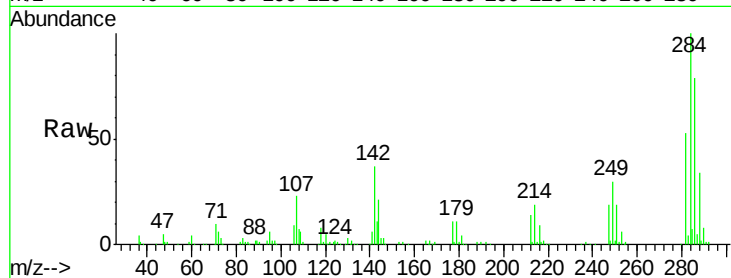




#67
Hexachlorobenzene
Concen: 40.004 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

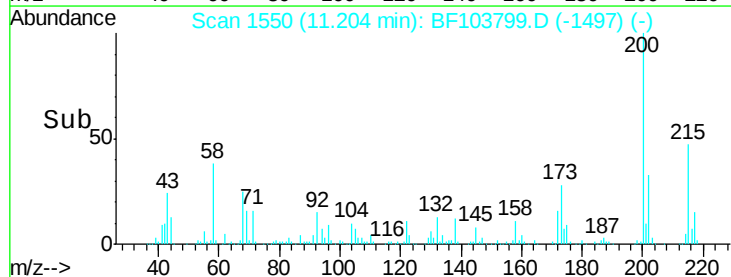
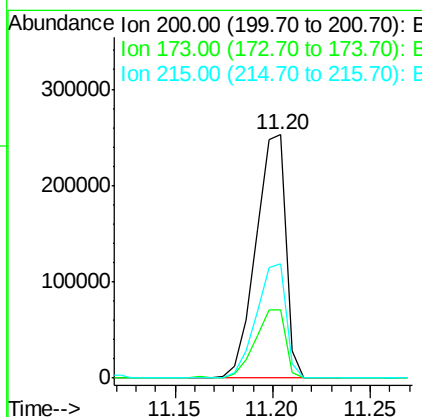
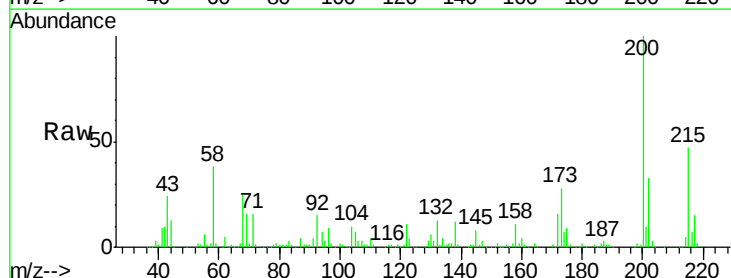
Instrument :
BNA_F
ClientSampleId :

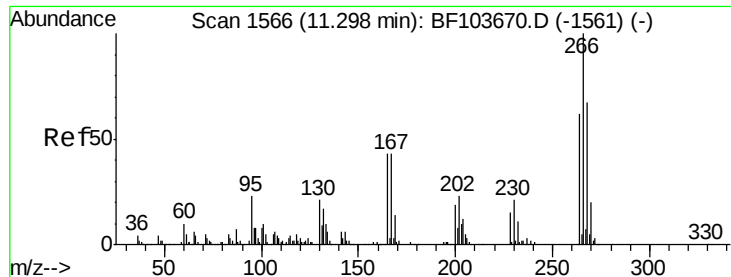
Tot Ion:284 Resp: 287208
Ion Ratio Lower Upper
284 100
142 36.6 34.6 52.0
249 30.4 24.8 37.2



#68
Atrazine
Concen: 41.576 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:200 Resp: 268205
Ion Ratio Lower Upper
200 100
173 27.9 8.6 48.6
215 47.2 25.1 65.1

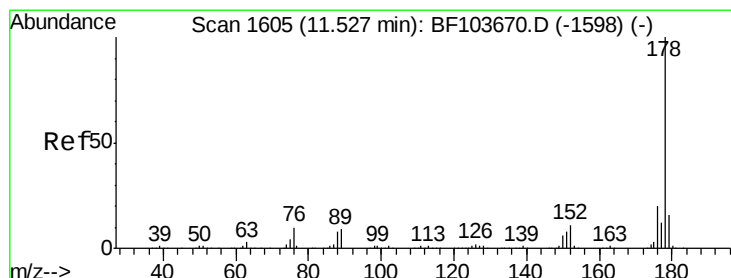
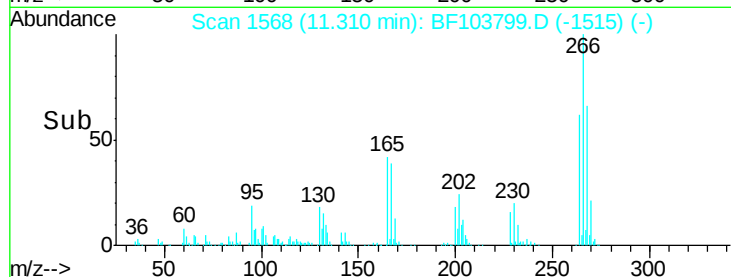
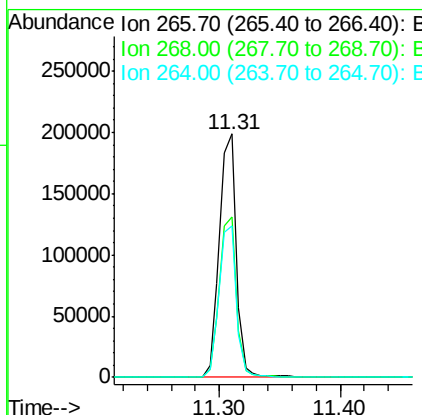
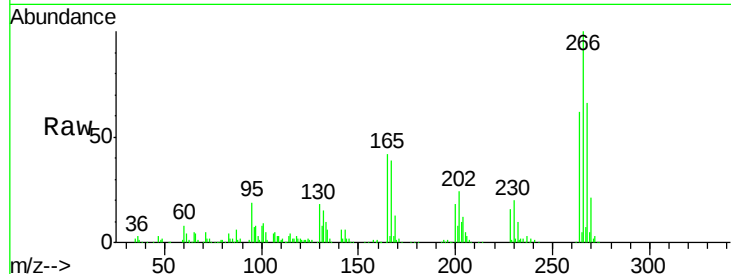




#69
 Pentachlorophenol
 Concen: 46.848 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

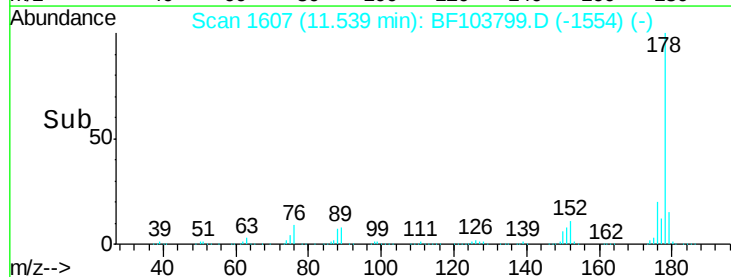
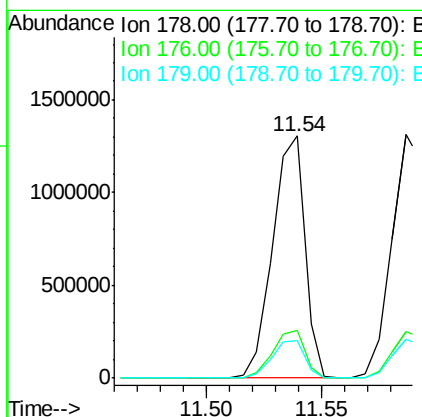
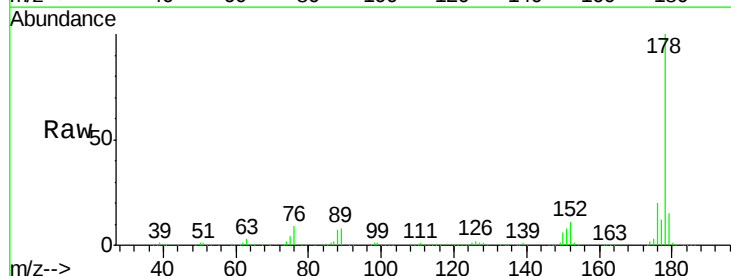
Instrument :
 BNA_F
 ClientSampled :

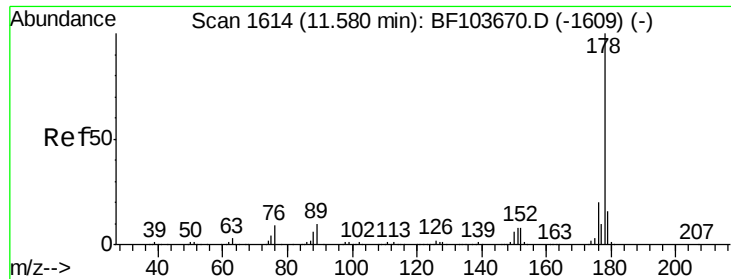
Tot Ion:266 Resp: 193372
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.1 76.7
 264 62.3 49.5 74.3



#70
 Phenanthrene
 Concen: 37.719 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Tgt Ion:178 Resp: 1264130
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 13.0 19.6

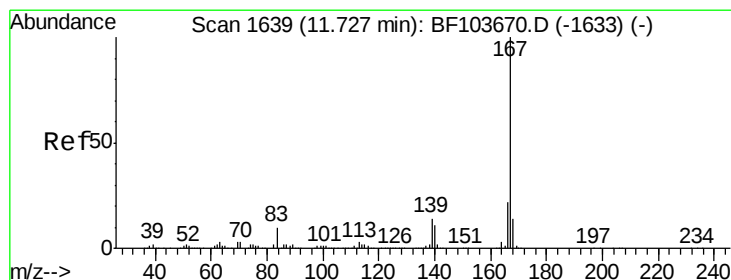
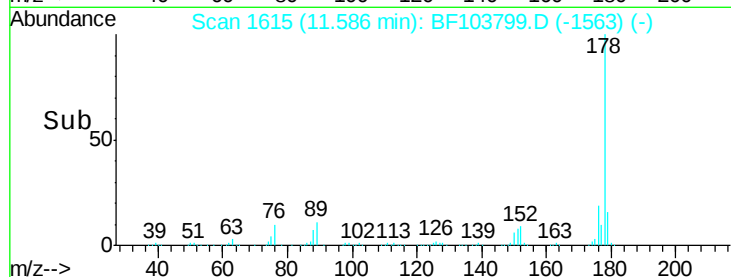
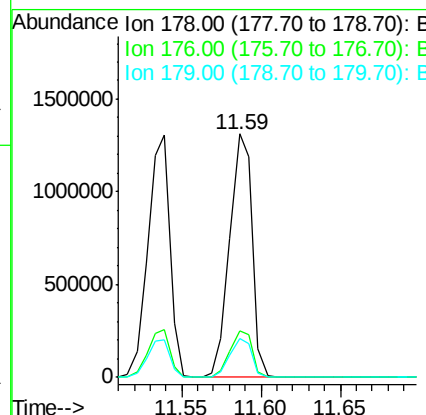
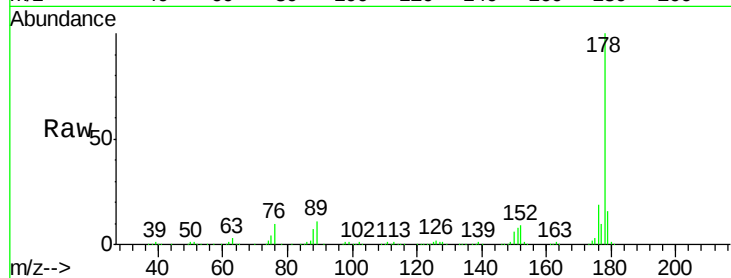




#71
 Anthracene
 Concen: 37.907 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

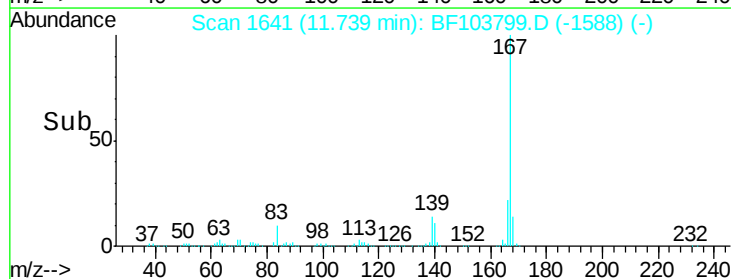
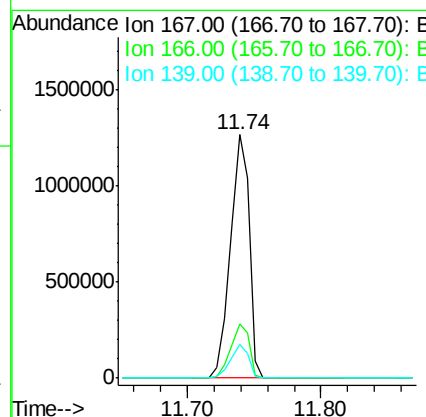
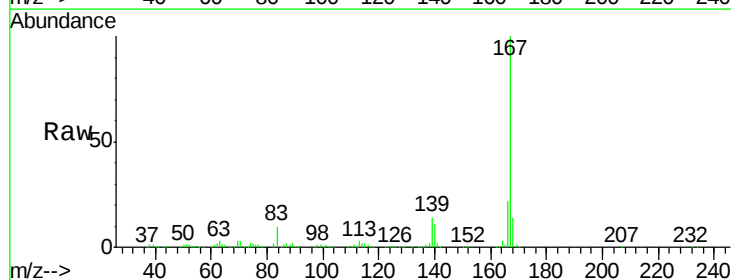
Instrument :
 BNA_F
 ClientSampleId :

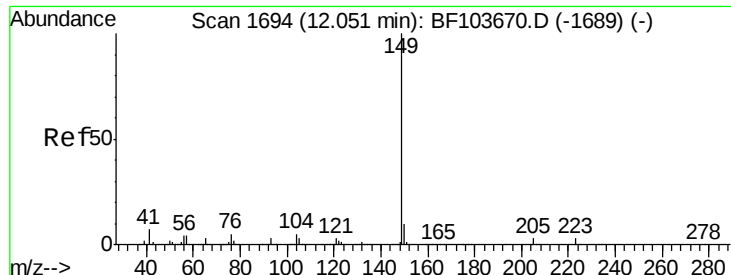
Tot Ion:178 Resp: 1290301
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.293 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Tgt Ion:167 Resp: 1266892
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.8 10.9 16.3

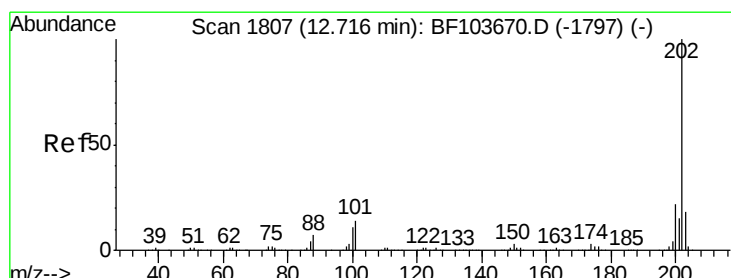
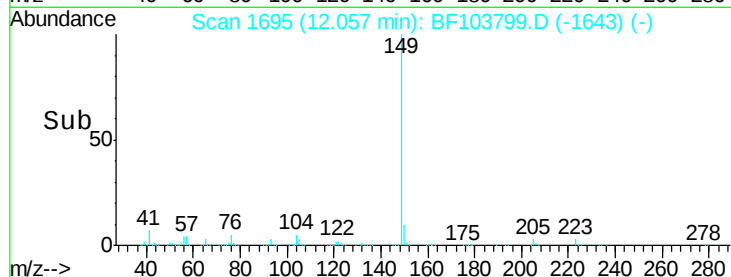
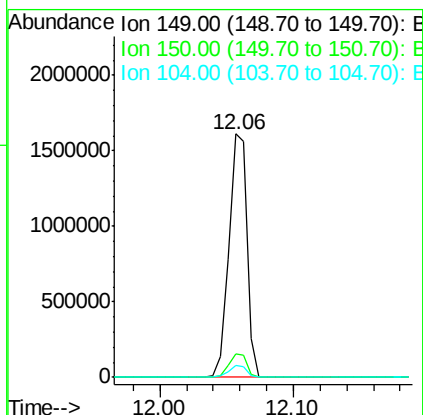
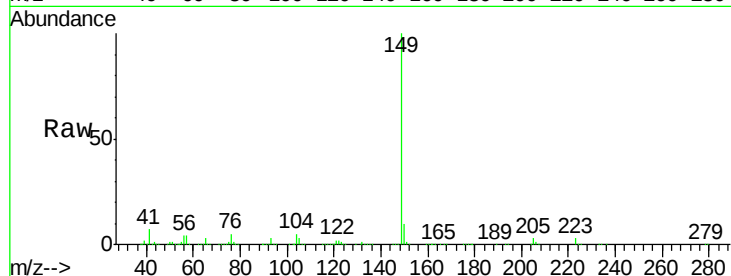




#73
Di-n-butylphthalate
Concen: 38.950 ng
RT: 12.06 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

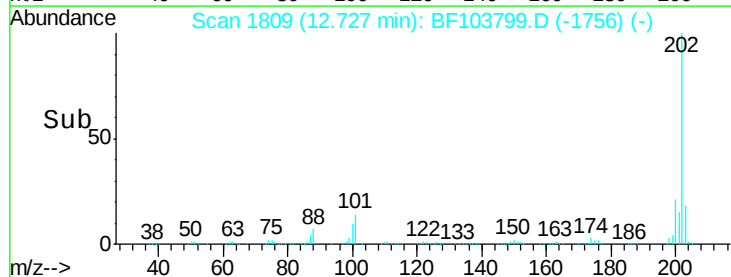
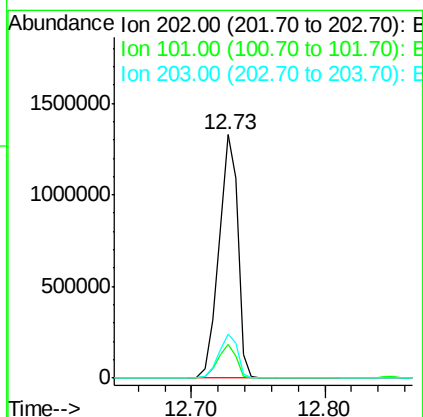
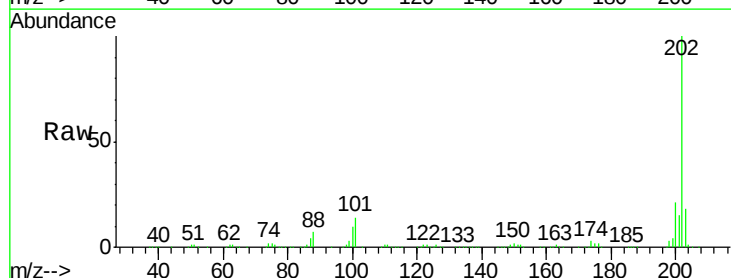
Instrument :
BNA_F
ClientSampleId :

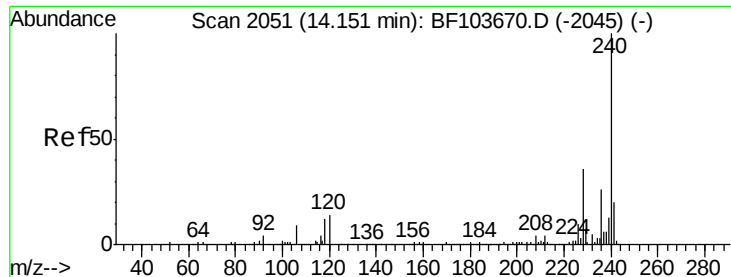
Tot Ion:149 Resp: 1546232
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 38.279 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:202 Resp: 1321670
Ion Ratio Lower Upper
202 100
101 14.1 0.0 34.1
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.02 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

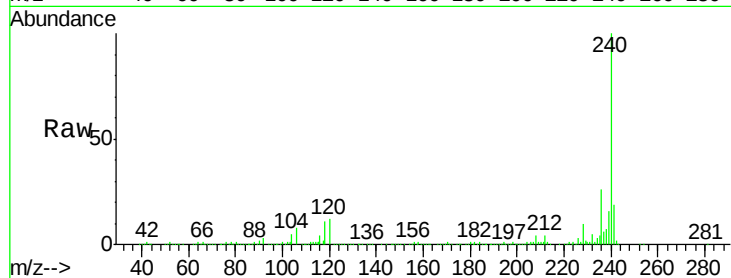
Tot Ion:240 Resp: 503325

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

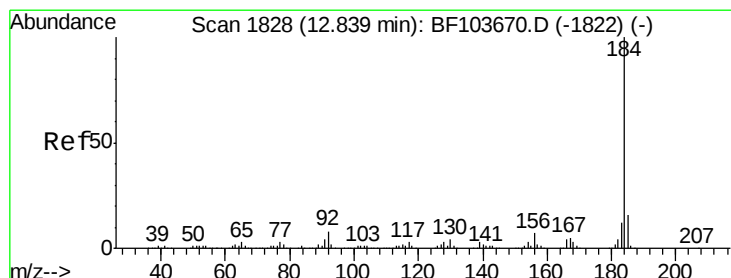
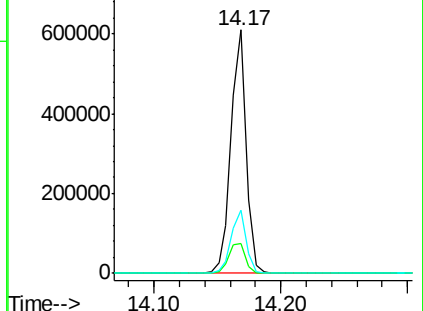
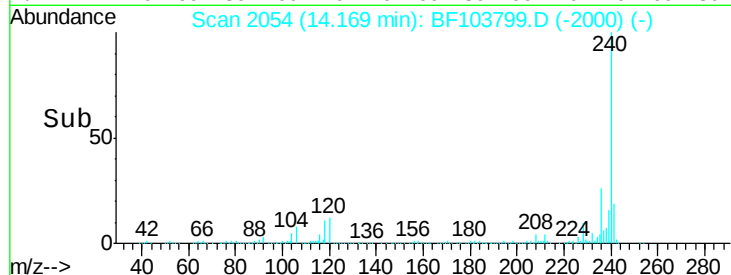
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.491 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

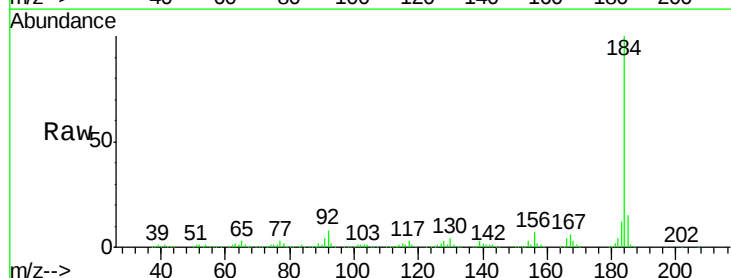
Tgt Ion:184 Resp: 912158

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

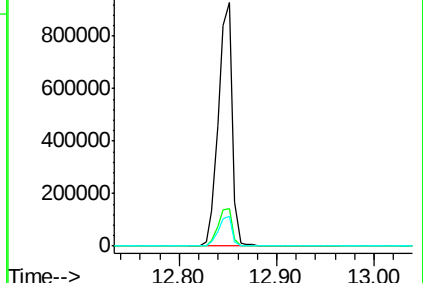
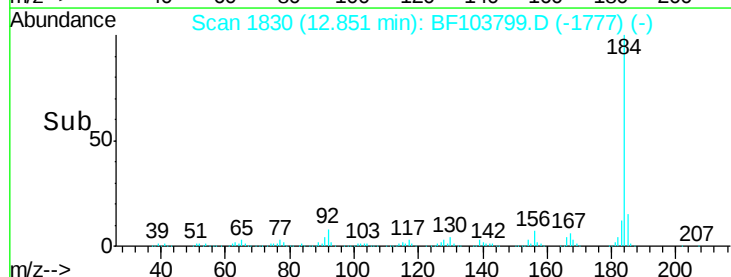
183 12.1 9.3 13.9

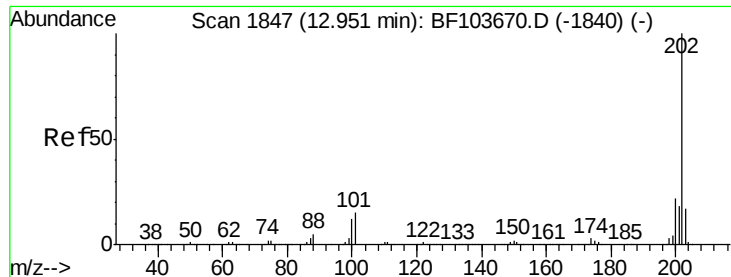


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

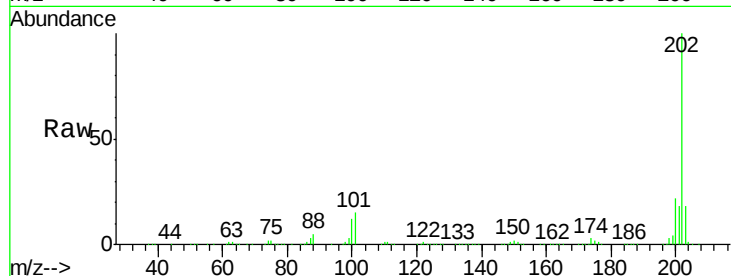




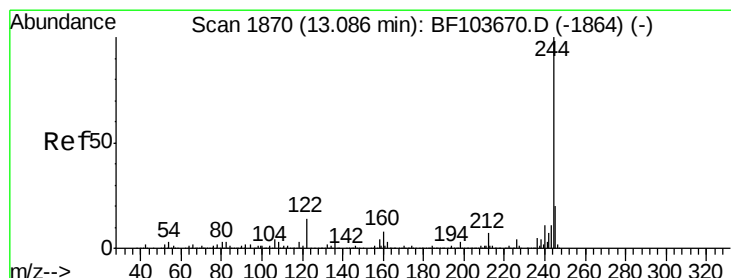
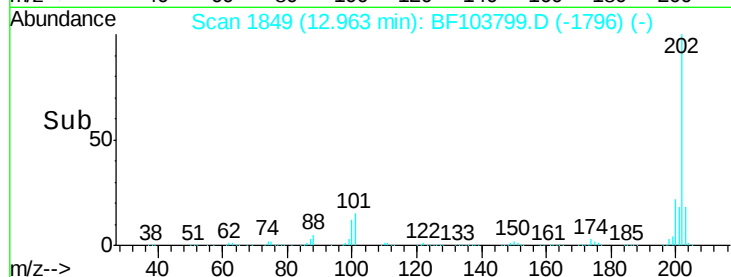
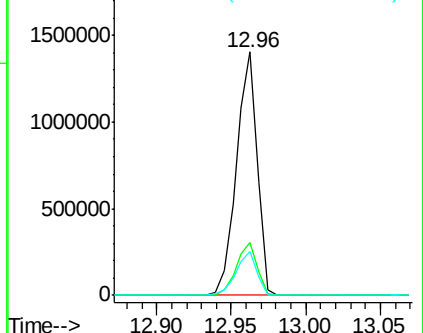
#77
Pvrene
Concen: 36.906 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1364184
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 18.1 14.3 21.5

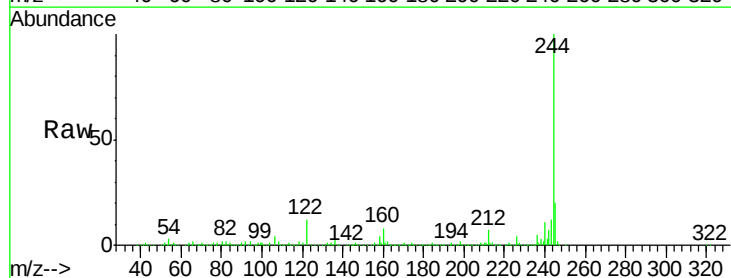


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

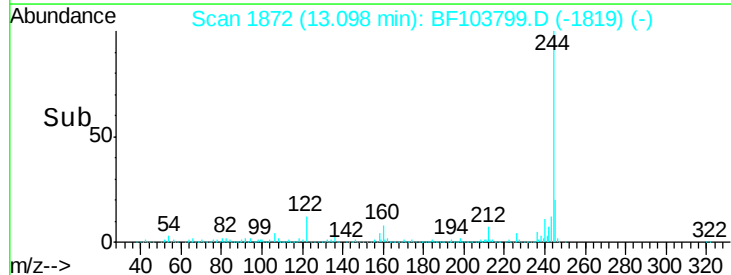
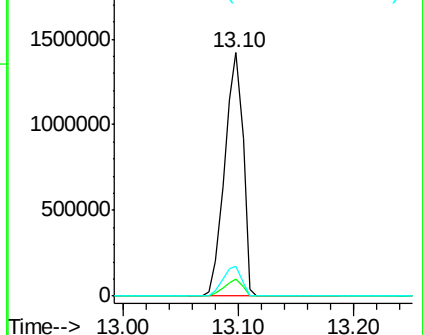


#78
Terphenyl-d14
Concen: 71.890 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:244 Resp: 1558890
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.5 11.0 16.4



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

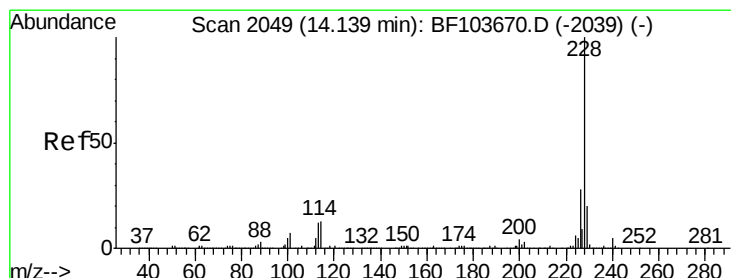
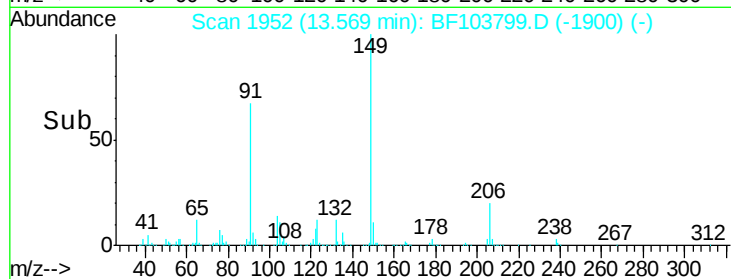
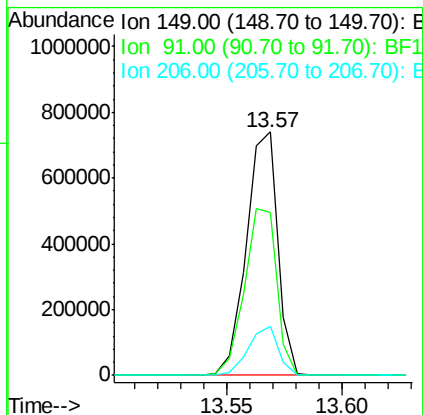
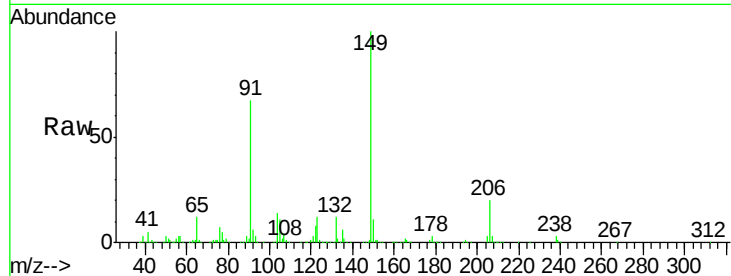




#79
Butylbenzylphthalate
Concen: 42.994 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

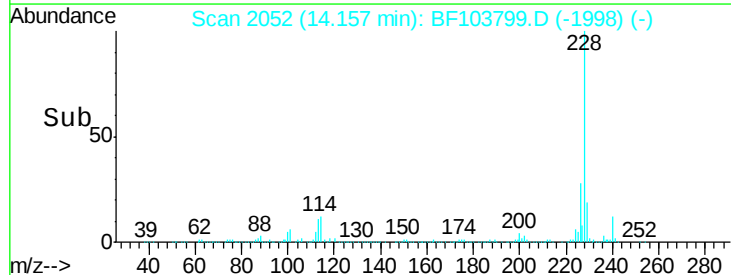
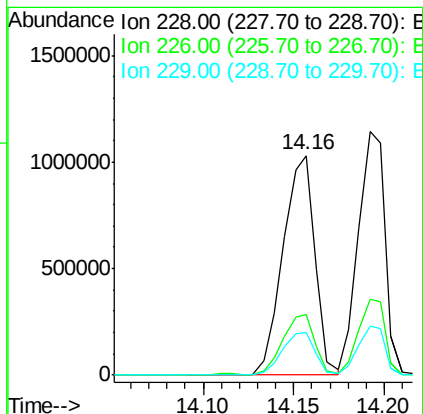
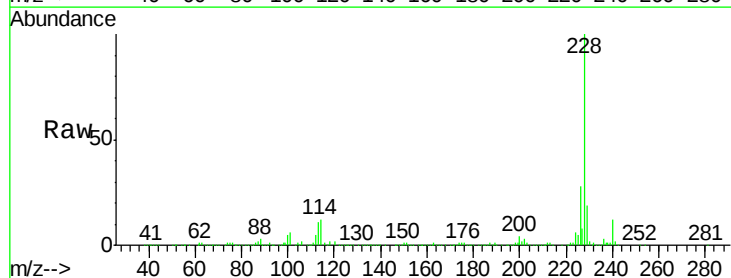
Instrument :
BNA_F
ClientSampled :

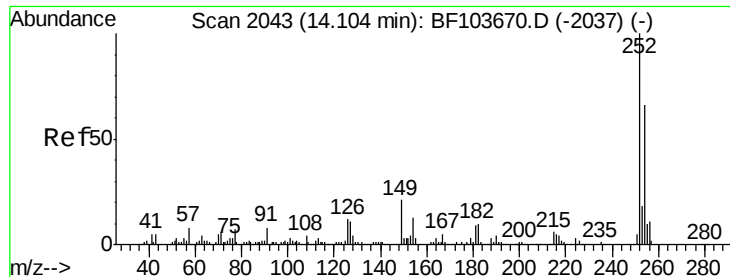
Tot Ion:149 Resp: 704107
Ion Ratio Lower Upper
149 100
91 66.8 56.8 85.2
206 20.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.790 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.02 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:228 Resp: 1267732
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.5 15.8 23.6

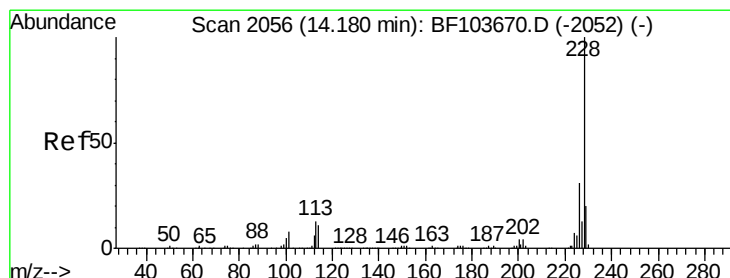
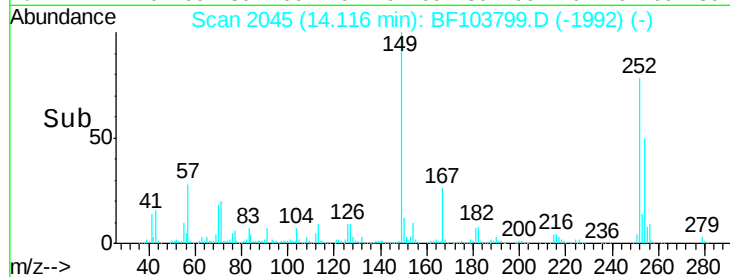
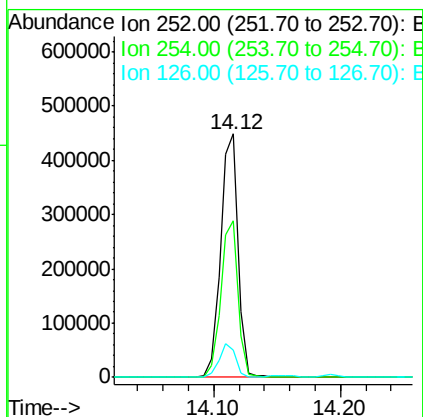
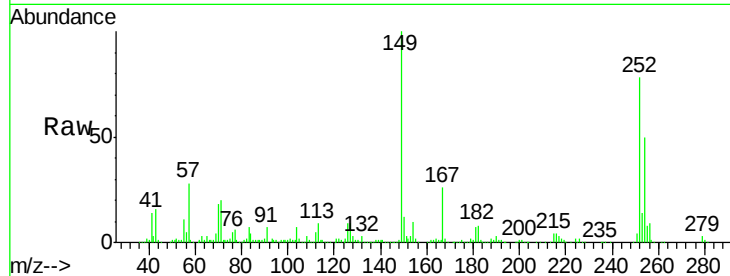




#81
 3,3'-Dichlorobenzidine
 Concen: 40.461 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

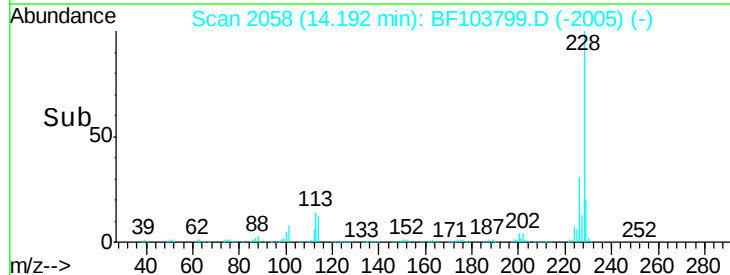
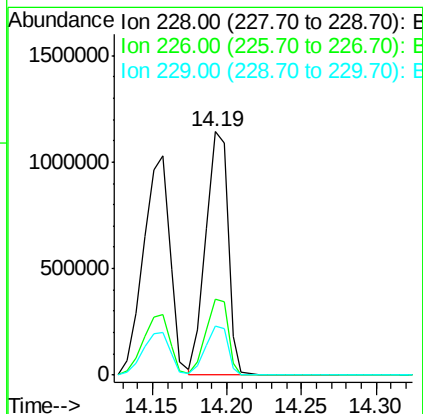
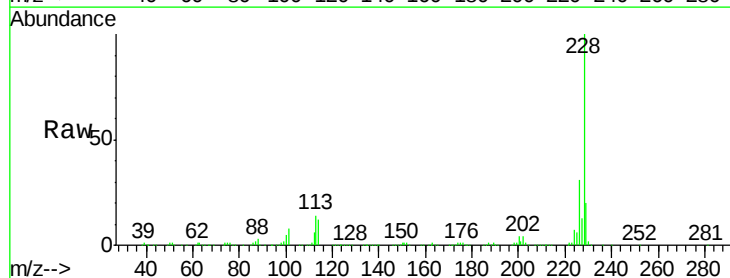
Instrument :
 BNA_F
 ClientSampleId :

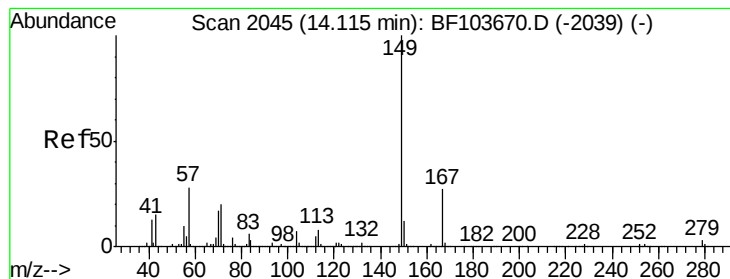
Tot Ion:252 Resp: 431192
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.4 75.6
 126 11.3 11.3 16.9



#82
 Chrysene
 Concen: 38.821 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF103799.D
 Acq: 20 Mar 2018 13:47

Tgt Ion:228 Resp: 1179021
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.458 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

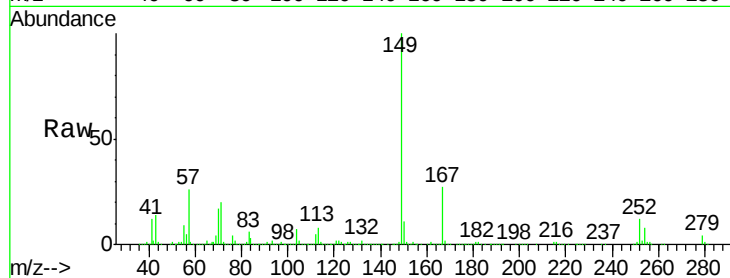
Tot Ion:149 Resp: 923142

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

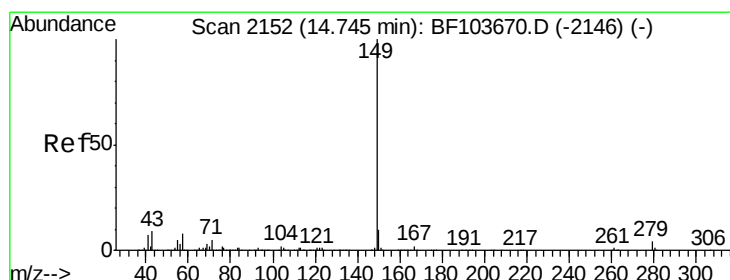
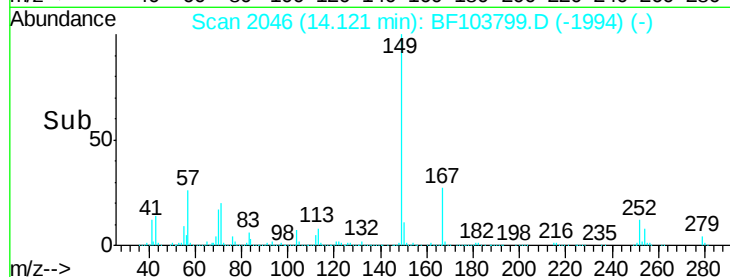
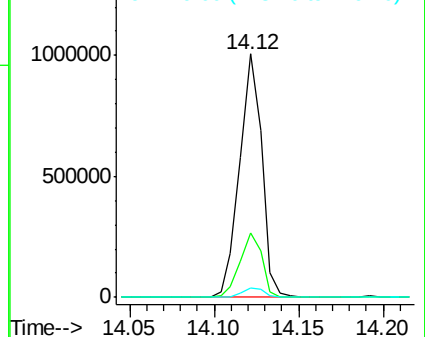
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.761 ng

RT: 14.75 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

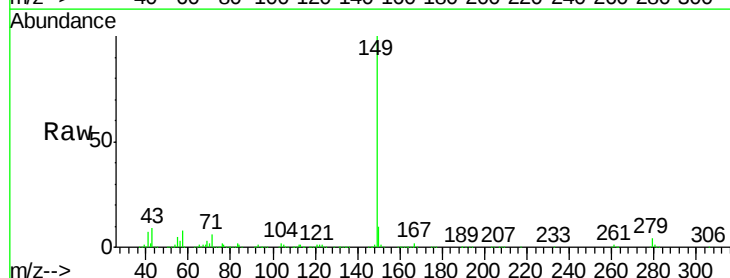
Tgt Ion:149 Resp: 1455458

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

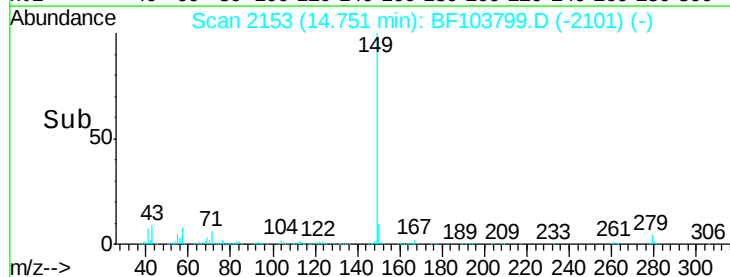
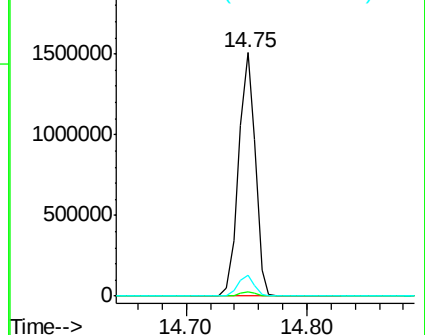
43 8.5 8.4 12.6

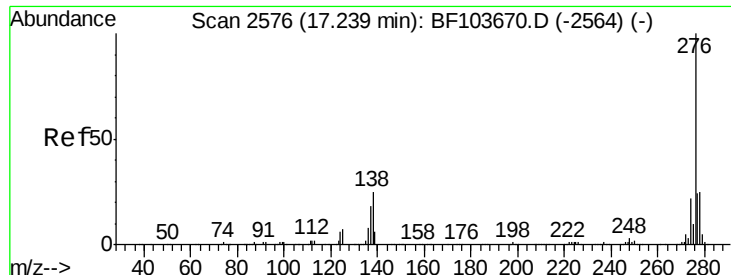


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

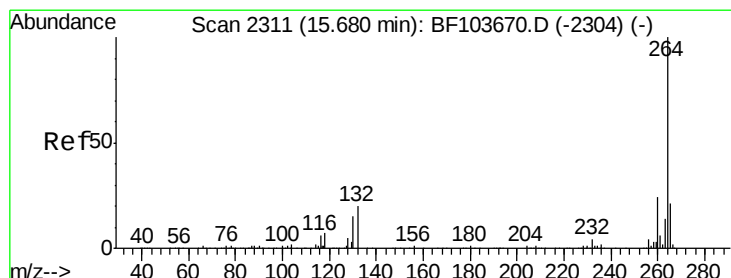
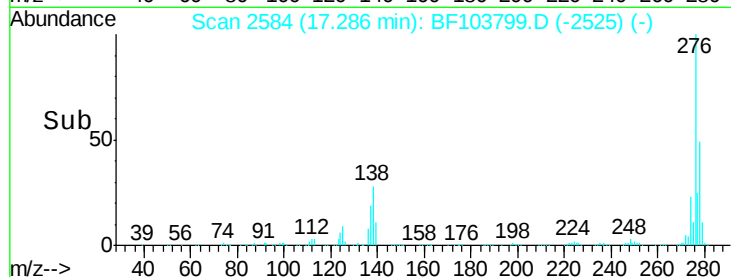
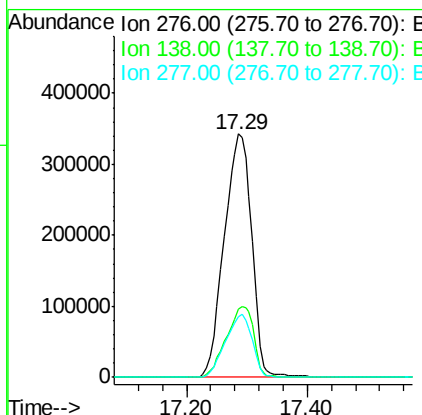
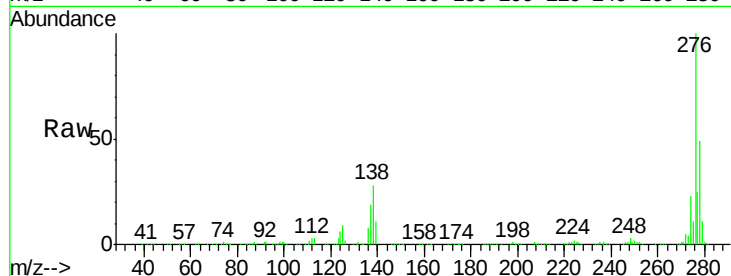




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.819 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.05 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

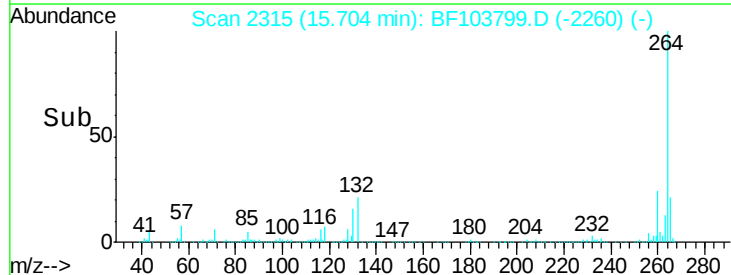
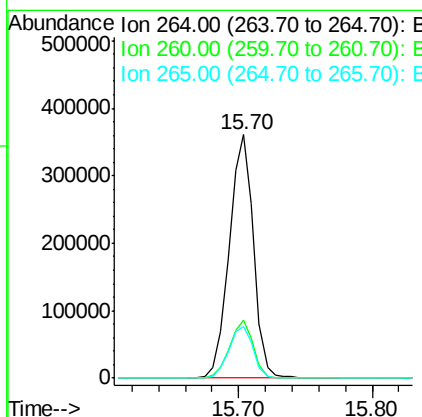
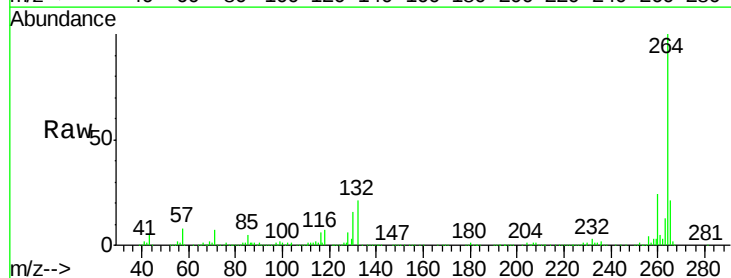
Instrument :
BNA_F
ClientSampleId :

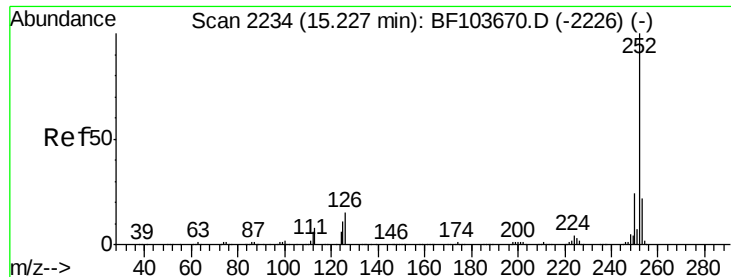
Tot Ion:276 Resp: 1082624
Ion Ratio Lower Upper
276 100
138 29.2 25.0 37.6
277 25.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.02 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:264 Resp: 458762
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.0 17.5 26.3

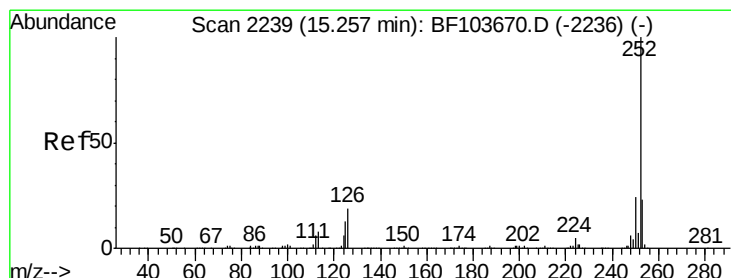
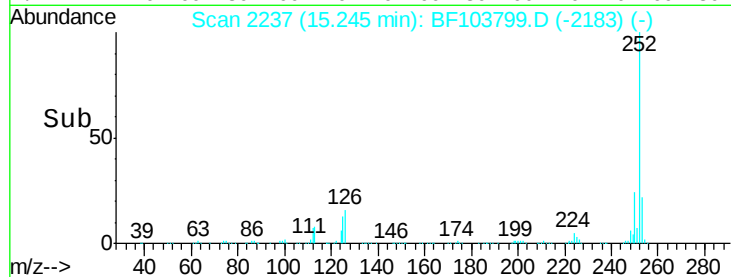
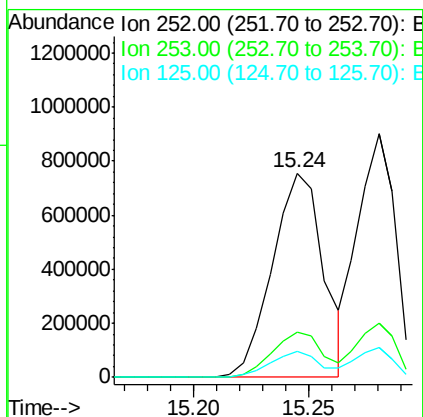
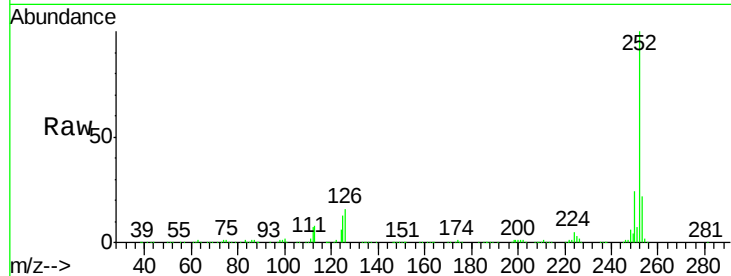




#87
Benzo(b)fluoranthene
Concen: 40.028 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

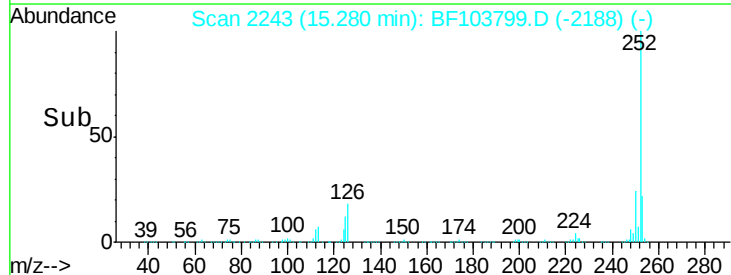
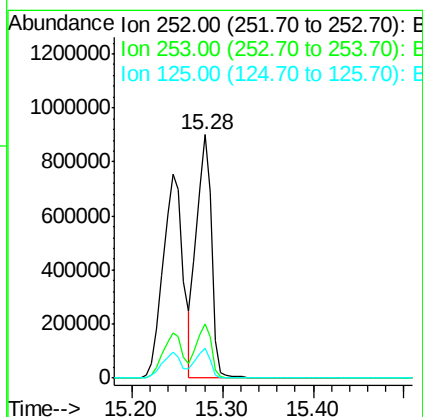
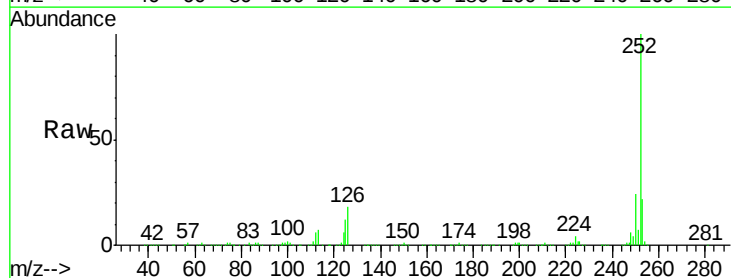
Instrument :
BNA_F
ClientSampleId :

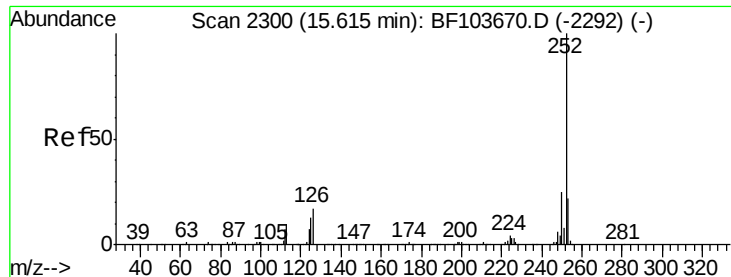
Tot Ion:252 Resp: 1160150
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.164 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.02 min
Lab File: BF103799.D
Acq: 20 Mar 2018 13:47

Tgt Ion:252 Resp: 1035421
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.490 ng

RT: 15.64 min Scan# 2305

Delta R.T. 0.03 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

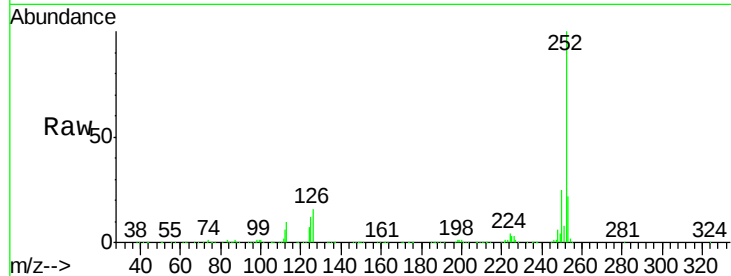
Tot Ion:252 Resp: 1038113

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

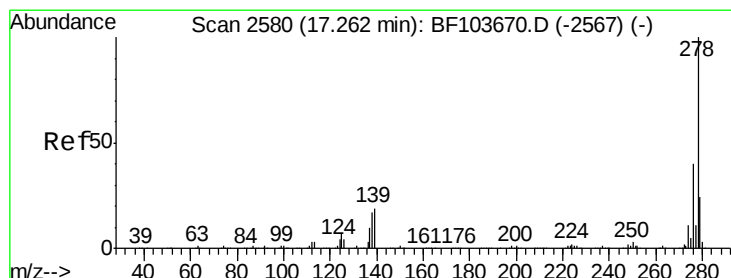
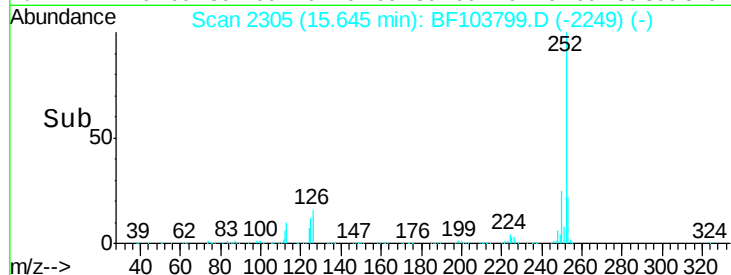
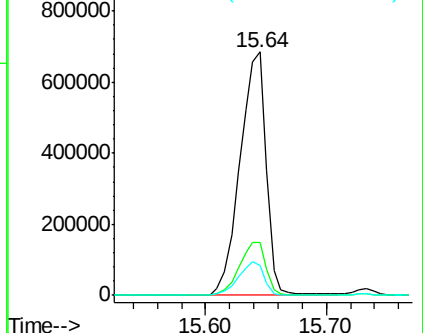
125 12.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.905 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.05 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

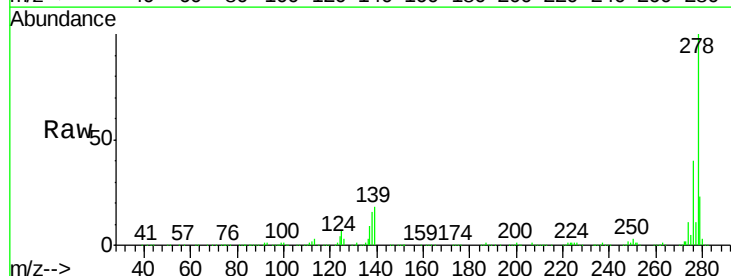
Tgt Ion:278 Resp: 885586

Ion Ratio Lower Upper

278 100

139 17.7 15.9 23.9

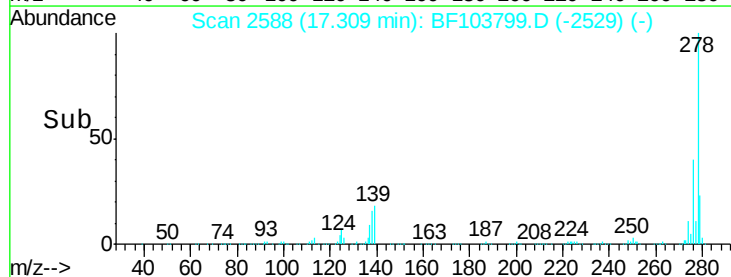
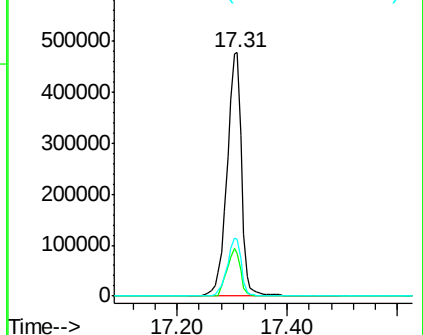
279 23.3 19.0 28.4

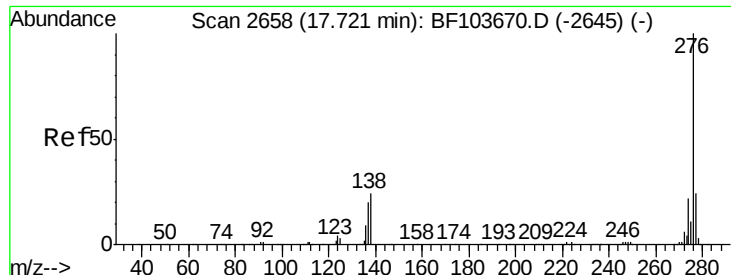


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.660 ng

RT: 17.77 min Scan# 2667

Delta R.T. 0.05 min

Lab File: BF103799.D

Acq: 20 Mar 2018 13:47

Instrument :

BNA_F

ClientSampleId :

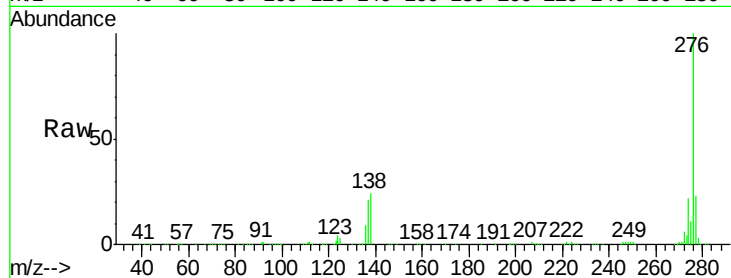
Tot Ion:276 Resp: 878262

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 23.8 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

