

Data Path : U:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102815.D
 Acq On : 7 Feb 2018 15:09
 Operator : SJ/JU
 Sample : J1455-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 01:35:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	192414	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	806157	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	362776	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	636823	20.00	ng	0.00
75) Chrysene-d12	14.05	240	401492	20.00	ng	0.00
86) Perylene-d12	15.53	264	330069	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	755983	59.67	ng	0.00
7) Phenol-d6	6.50	99	569131	37.31	ng	0.00
23) Nitrobenzene-d5	7.45	82	1220776	105.05	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	406717	139.29	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1928704	88.22	ng	0.00
78) Terphenyl-d14	13.00	244	1666778	98.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	101416	16.206	ng	86
3) Pyridine	3.49	79	199774	11.555	ng	90
4) n-Nitrosodimethylamine	3.41	42	134168	18.137	ng	95
6) Aniline	6.55	93	349510	15.514	ng	96
8) 2-Chlorophenol	6.67	128	503686	38.615	ng	99
9) Benzaldehyde	6.43	77	205627	18.150	ng	96
10) Phenol	6.52	94	231526	14.161	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	602142	44.261	ng	91
12) 1,3-Dichlorobenzene	6.82	146	608222	40.266	ng	98
13) 1,4-Dichlorobenzene	6.90	146	614658	40.850	ng	99
14) 1,2-Dichlorobenzene	7.06	146	559849	39.947	ng	97
15) Benzyl Alcohol	7.02	79	337225	28.752	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1112489	43.048	ng	98
17) 2-Methylphenol	7.13	107	360285	29.945	ng	100
18) Hexachloroethane	7.39	117	221033	42.838	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	438023	43.548	ng	97
20) 3+4-Methylphenols	7.28	107	370483	24.970	ng	# 78
22) Acetophenone	7.29	105	843847	42.775	ng	# 96
24) Nitrobenzene	7.47	77	668892	48.939	ng	96
25) Isophorone	7.70	82	1257816	47.005	ng	100
26) 2-Nitrophenol	7.78	139	343839	58.838	ng	98
27) 2,4-Dimethylphenol	7.82	122	510790	45.182	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	778608	49.118	ng	100
29) 2,4-Dichlorophenol	8.02	162	482428	46.942	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	489420	42.096	ng	99
31) Naphthalene	8.19	128	1691414	42.943	ng	99
32) Benzoic acid	7.89	122	108618	21.022	ng	99
33) 4-Chloroaniline	8.23	127	225723	13.303	ng	98
34) Hexachlorobutadiene	8.30	225	237657	39.891	ng	98
35) Caprolactam	8.62	113	15366	4.305	ng	90
36) 4-Chloro-3-methylphenol	8.71	107	496370	42.986	ng	96
37) 2-Methylnaphthalene	8.88	142	1152494	44.692	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	429650	43.497	ng	98
40) Hexachlorocyclopentadiene	9.03	237	413937	88.153	ng	98

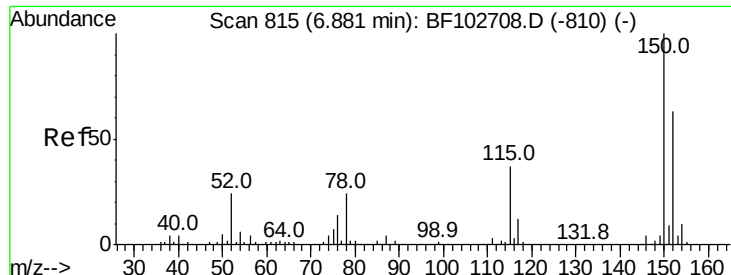
Data Path : U:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102815.D
 Acq On : 7 Feb 2018 15:09
 Operator : SJ/JU
 Sample : J1455-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 01:35:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	331181	51.045	ng	98
43) 2,4,5-Trichlorophenol	9.19	196	354257	48.445	ng	98
45) 1,1'-Biphenyl	9.35	154	1327650	43.450	ng	100
46) 2-Chloronaphthalene	9.37	162	1067251	44.366	ng	99
47) 2-Nitroaniline	9.46	65	404180	53.983	ng	87
48) Acenaphthylene	9.79	152	1612491	43.158	ng	99
49) Dimethylphthalate	9.65	163	1278677	45.205	ng	99
50) 2,6-Dinitrotoluene	9.71	165	298397	55.448	ng	93
51) Acenaphthene	9.96	154	983283	44.007	ng	99
52) 3-Nitroaniline	9.87	138	134378	20.294	ng	92
53) 2,4-Dinitrophenol	9.99	184	274085	115.531	ng	# 19
54) Dibenzofuran	10.13	168	1430401	45.426	ng	97
55) 4-Nitrophenol	10.03	139	184561	36.235	ng	92
56) 2,4-Dinitrotoluene	10.11	165	397417	54.611	ng	97
57) Fluorene	10.47	166	1047372	45.716	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	271632	53.595	ng	91
59) Diethylphthalate	10.35	149	1247273	44.657	ng	98
60) 4-Chlorophenyl-phenylether	10.46	204	471893	46.562	ng	100
61) 4-Nitroaniline	10.49	138	302366	47.973	ng	91
62) Azobenzene	10.63	77	1245441	44.636	ng	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	184721	63.220	ng	85
65) n-Nitrosodiphenylamine	10.59	169	987176	43.947	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	308589	45.809	ng	# 89
67) Hexachlorobenzene	11.02	284	332334	44.720	ng	92
68) Atrazine	11.12	200	300284	45.314	ng	97
69) Pentachlorophenol	11.22	266	360635	82.668	ng	99
70) Phenanthrene	11.44	178	1551635	43.749	ng	99
71) Anthracene	11.49	178	1588997	44.049	ng	100
72) Carbazole	11.64	167	1548657	43.821	ng	99
73) Di-n-butylphthalate	11.97	149	1869198	43.541	ng	99
74) Fluoranthene	12.63	202	1578847	44.245	ng	99
76) Benzidine	12.74	184	154416	8.368	ng	98
77) Pyrene	12.86	202	1589315	50.481	ng	100
79) Butylbenzylphthalate	13.46	149	776346	51.476	ng	98
80) Benzo(a)anthracene	14.04	228	1229065	48.676	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	242414	25.893	ng	98
82) Chrysene	14.08	228	1157538	45.477	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	979143	50.769	ng	99
84) Di-n-octyl phthalate	14.63	149	1504553	51.955	ng	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	1094161	51.830	ng	99
87) Benzo(b)fluoranthene	15.09	252	1070273	50.014	ng	97
88) Benzo(k)fluoranthene	15.13	252	947850	46.356	ng	98
89) Benzo(a)pyrene	15.47	252	949035	49.269	ng	98
90) Dibenzo(a,h)anthracene	17.04	278	890095	56.931	ng	99
91) Benzo(g,h,i)perylene	17.49	276	970650	63.429	ng	98

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

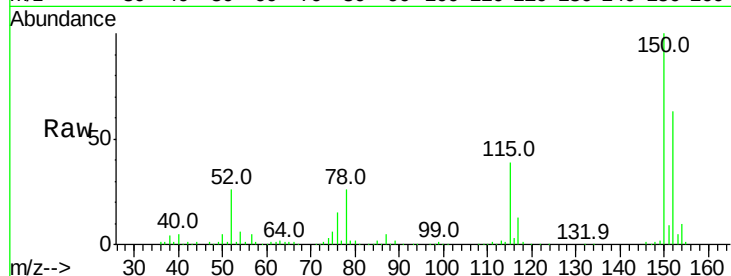


#1

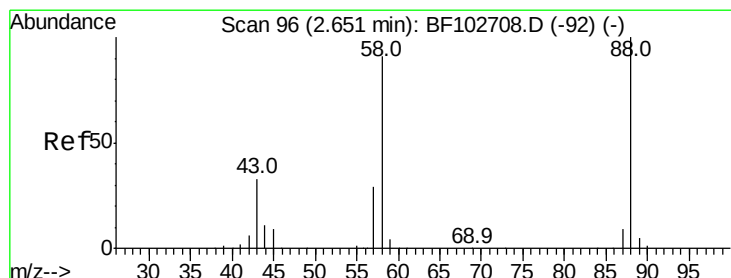
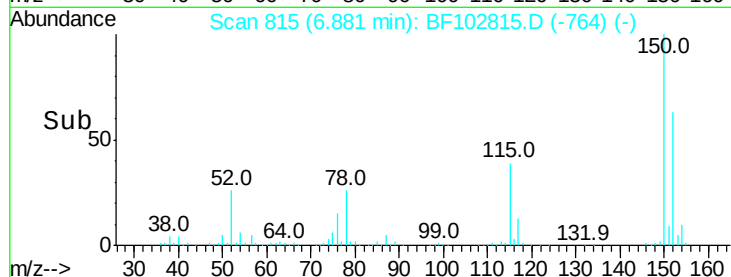
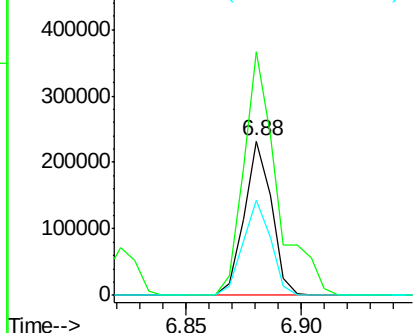
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 192414
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 61.8 50.1 75.1



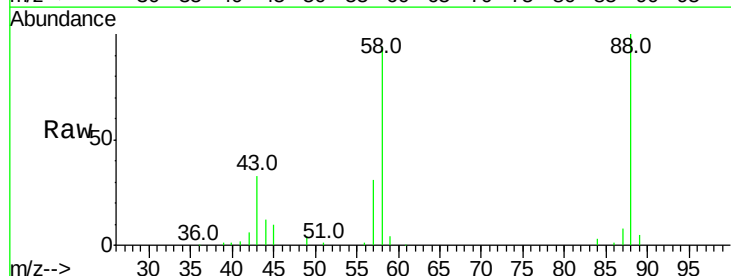
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



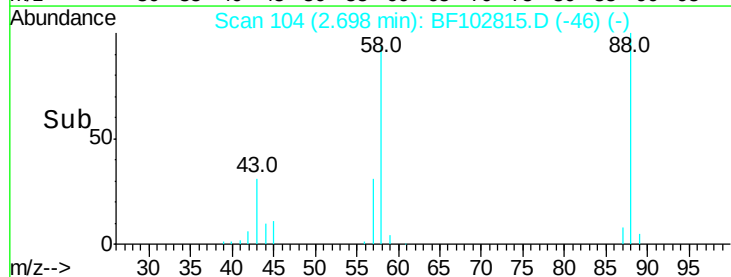
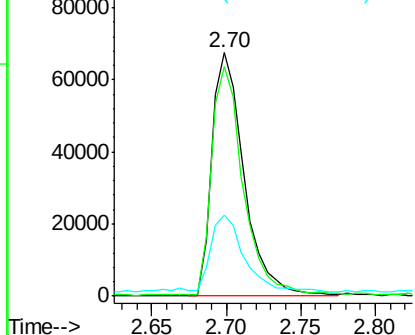
#2

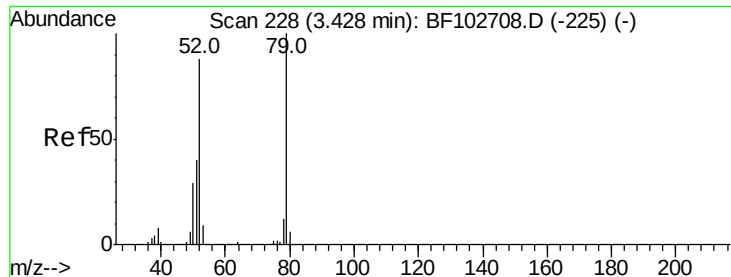
1,4-Dioxane
Concen: 16.206 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.04 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion: 88 Resp: 101416
Ion Ratio Lower Upper
88 100
58 92.6 62.6 93.8
43 34.7 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

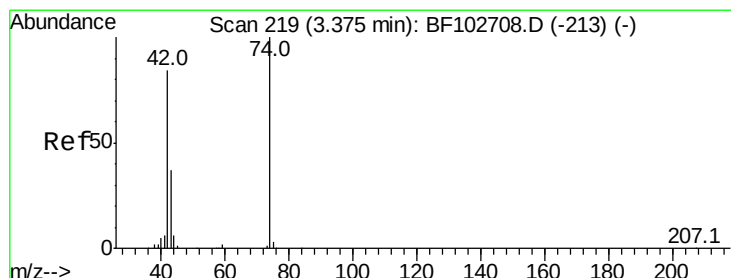
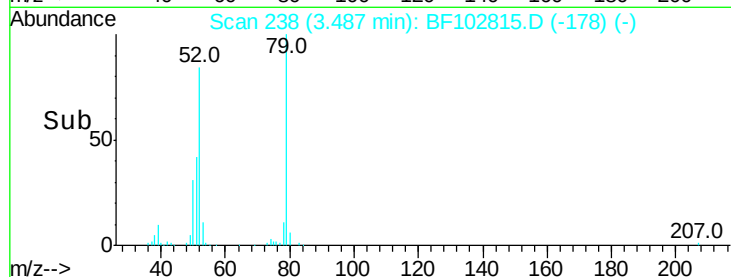
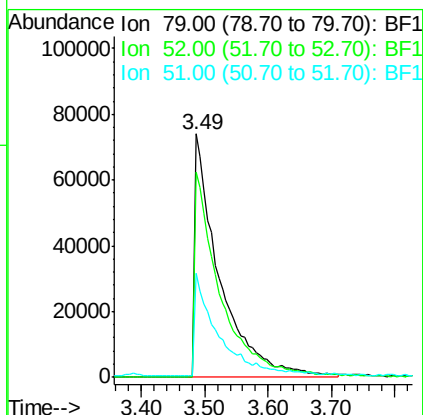
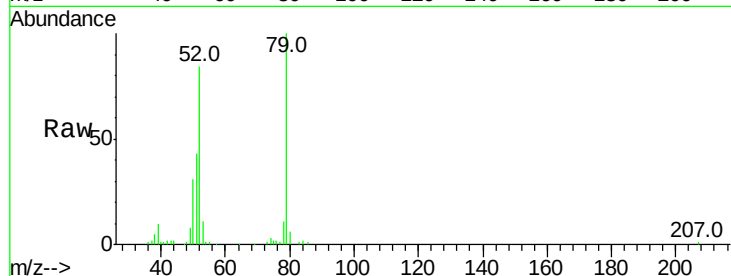




#3
 Pvridine
 Concen: 11.555 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.05 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

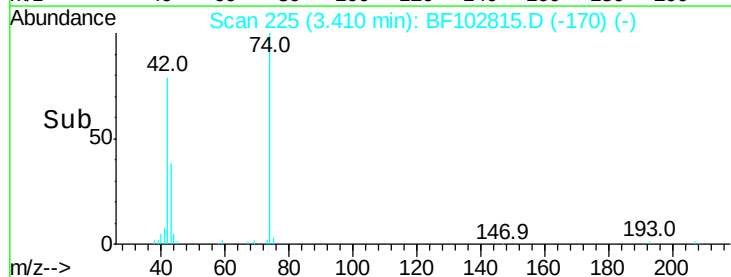
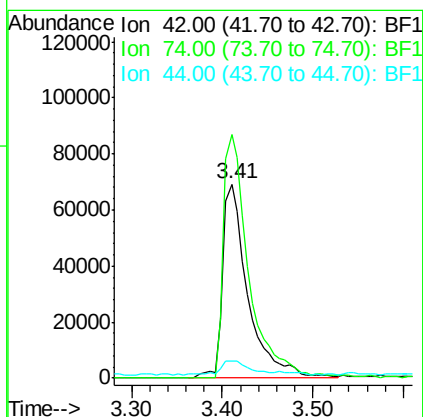
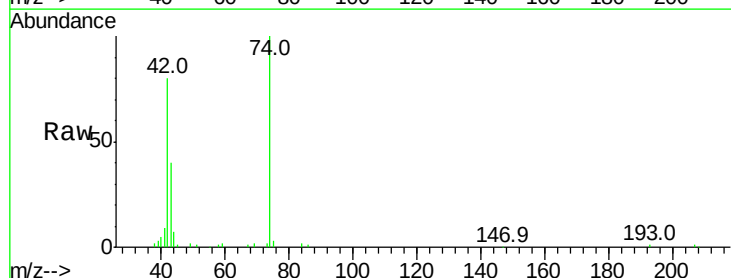
Instrument :
 BNA_F
 ClientSampled :

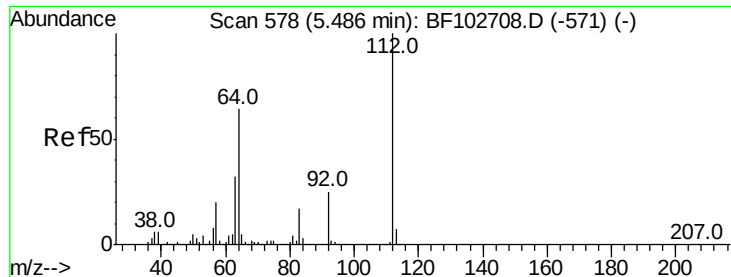
Tot Ion: 79 Resp: 199774
 Ion Ratio Lower Upper
 79 100
 52 84.1 59.8 89.6
 51 42.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 18.137 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.02 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Tgt Ion: 42 Resp: 134168
 Ion Ratio Lower Upper
 42 100
 74 125.4 104.9 157.3
 44 8.8 6.9 10.3





#5

2-Fluorophenol

Concen: 59.668 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

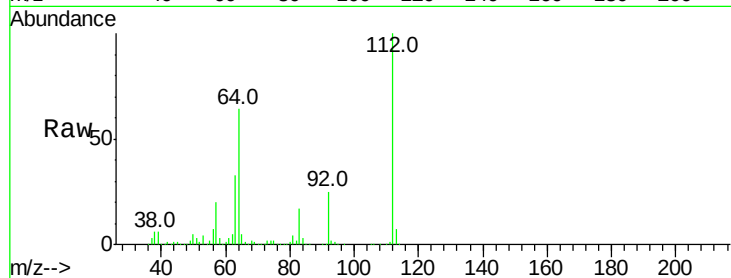
Tot Ion:112 Resp: 755983

Ion Ratio Lower Upper

112 100

64 63.6 47.9 71.9

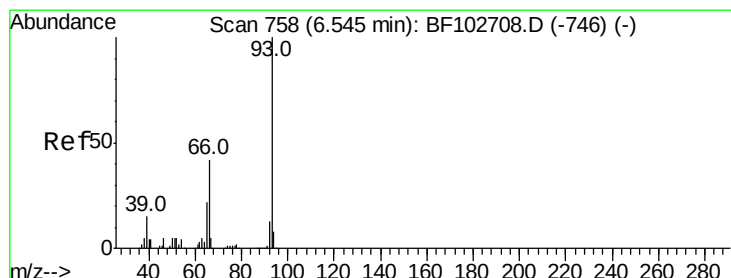
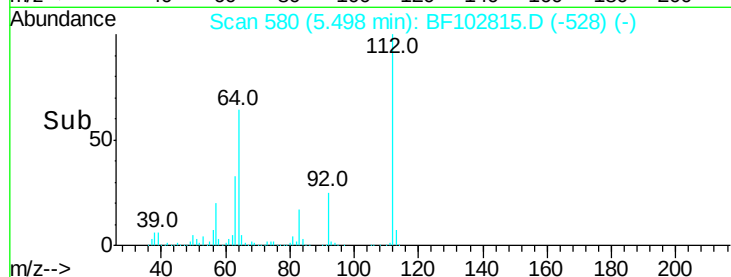
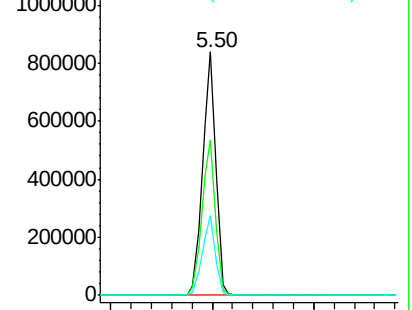
63 32.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.514 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

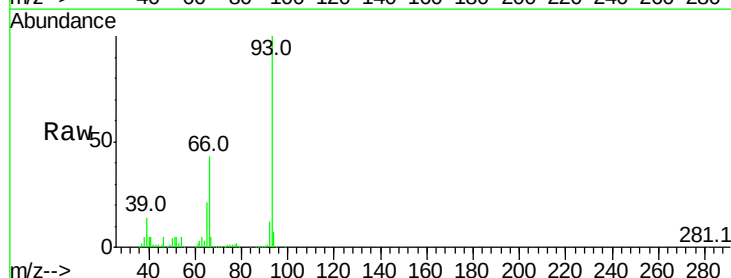
Tgt Ion: 93 Resp: 349510

Ion Ratio Lower Upper

93 100

66 43.1 32.2 48.2

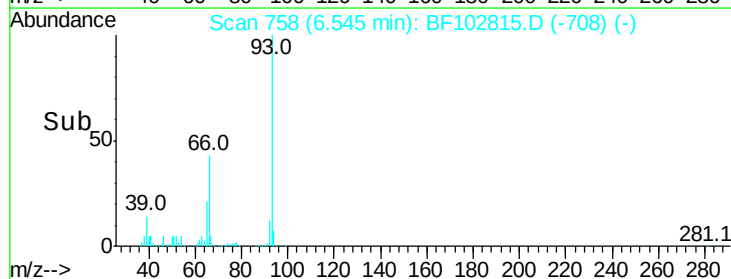
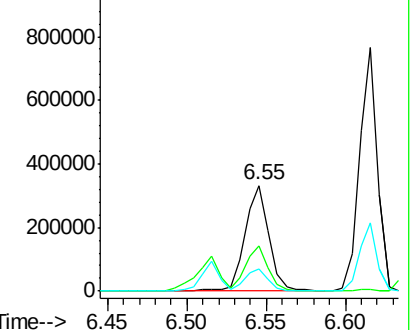
65 21.2 16.4 24.6

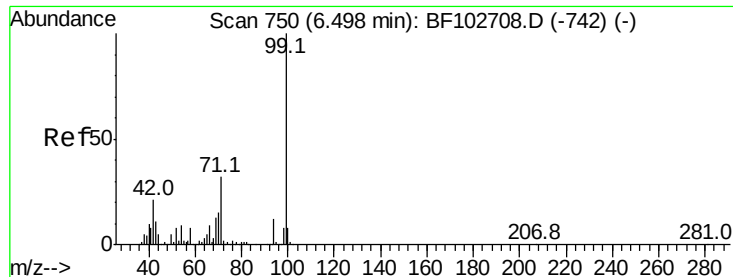


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 37.307 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

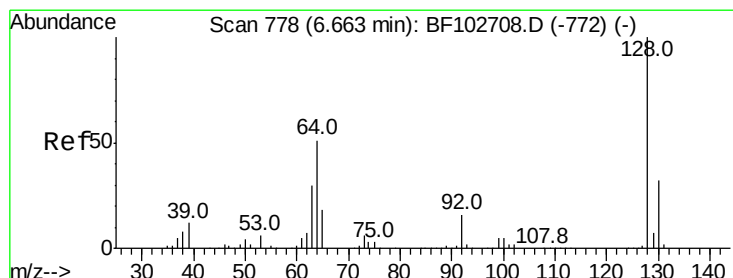
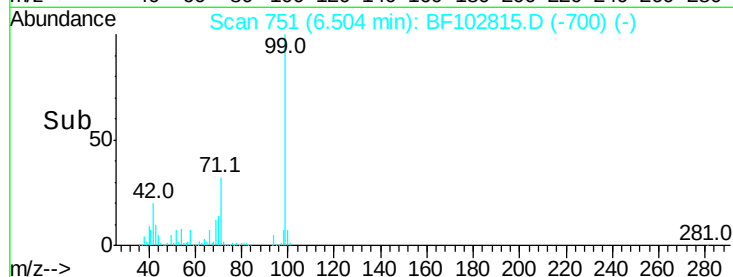
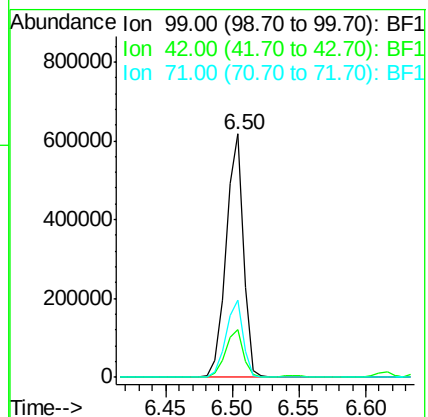
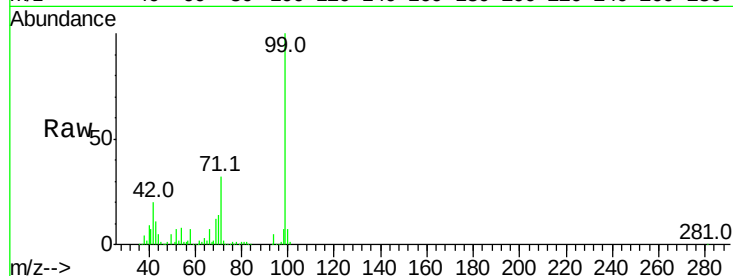
Tot Ion: 99 Resp: 569131

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 31.5 25.4 38.0



#8

2-Chlorophenol

Concen: 38.615 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

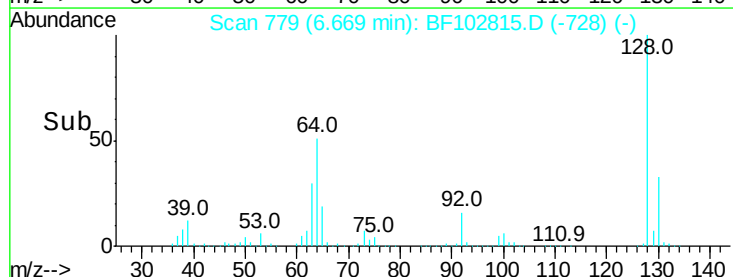
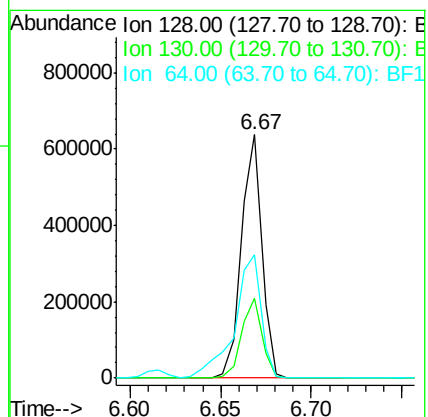
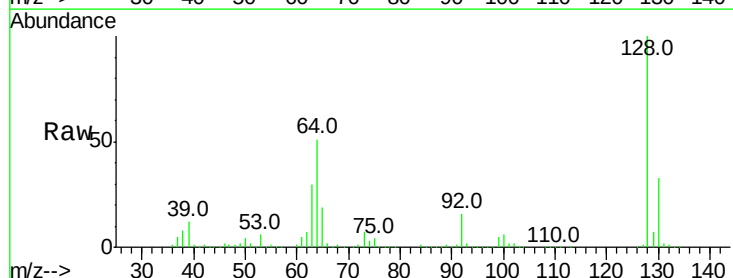
Tgt Ion: 128 Resp: 503686

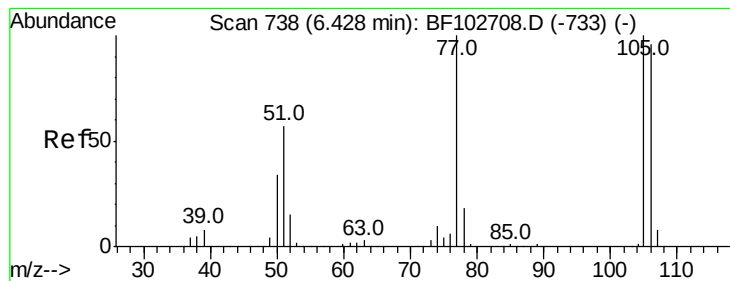
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 50.7 29.4 69.4





#9

Benzaldehyde

Concen: 18.150 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampled :

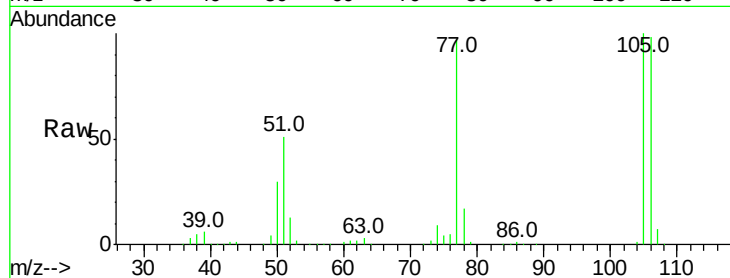
Tot Ion: 77 Resp: 205627

Ion Ratio Lower Upper

77 100

105 102.8 81.1 121.1

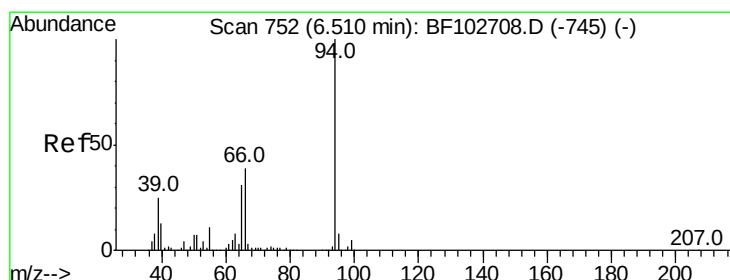
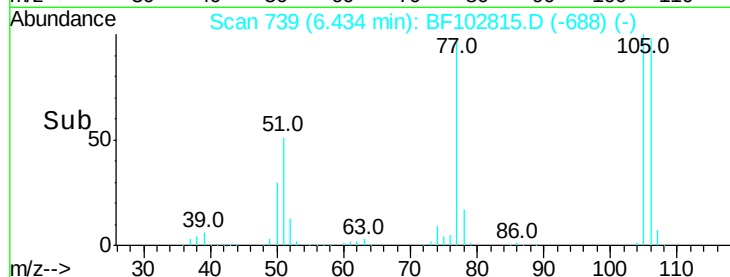
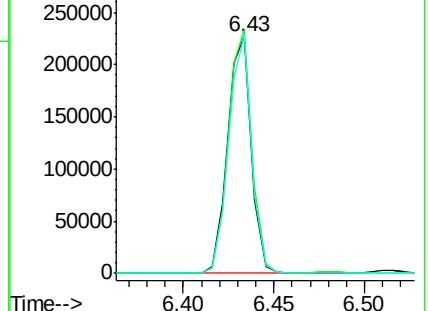
106 100.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 14.161 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

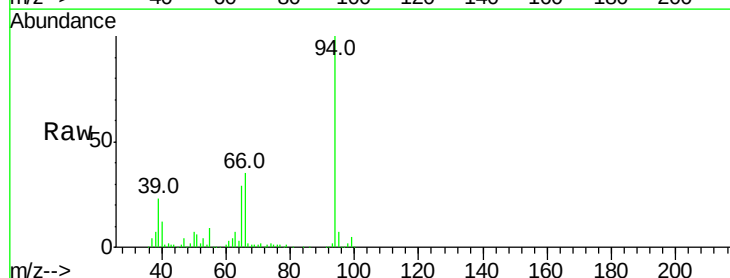
Tgt Ion: 94 Resp: 231526

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

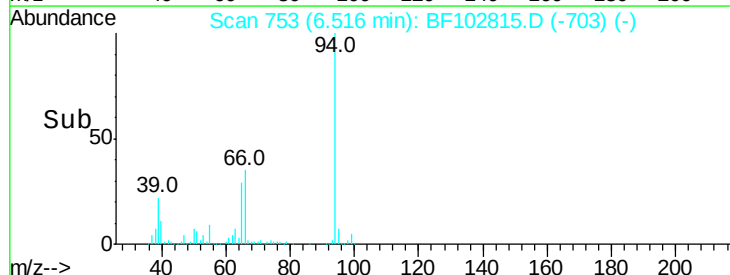
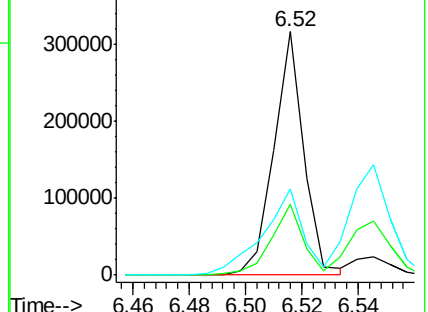
66 35.3 16.2 56.2

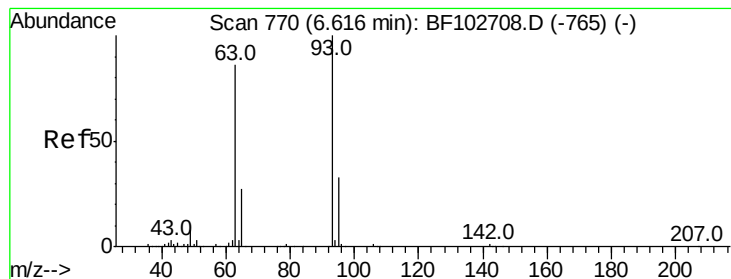


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.261 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

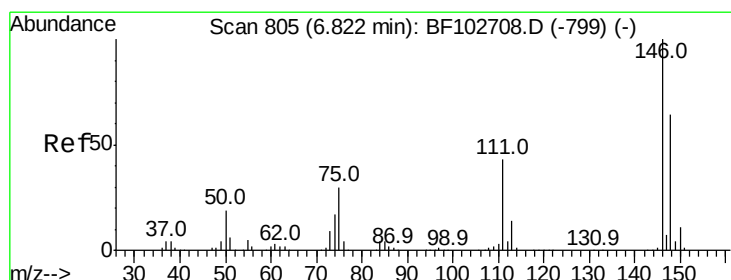
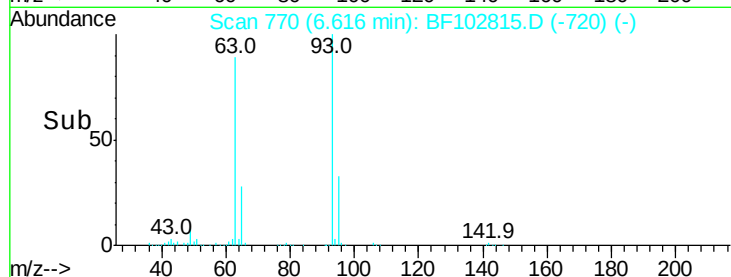
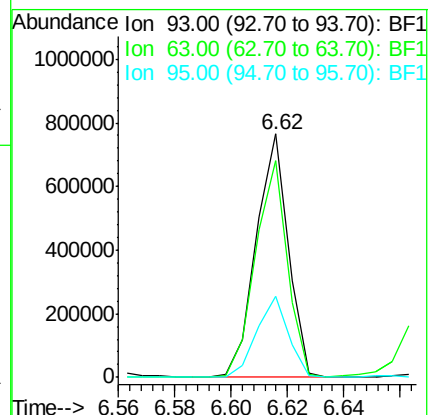
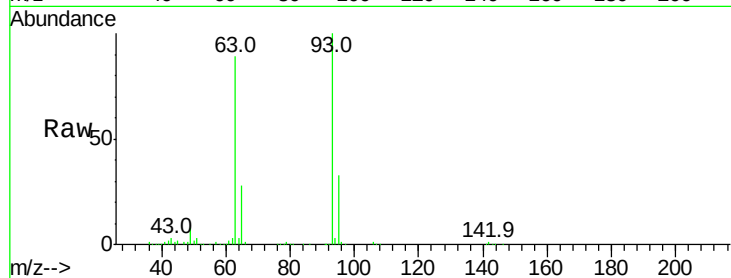
Tot Ion: 93 Resp: 602142

Ion Ratio Lower Upper

93 100

63 89.0 58.6 98.6

95 33.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.266 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

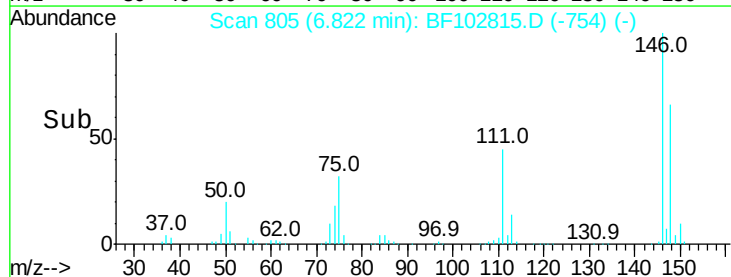
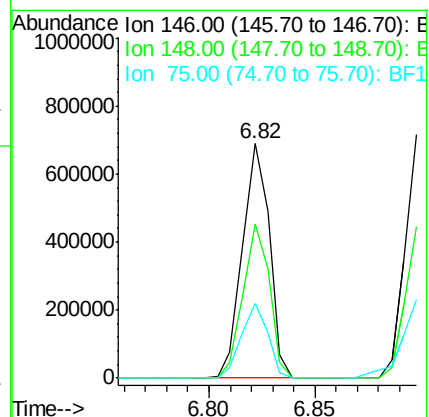
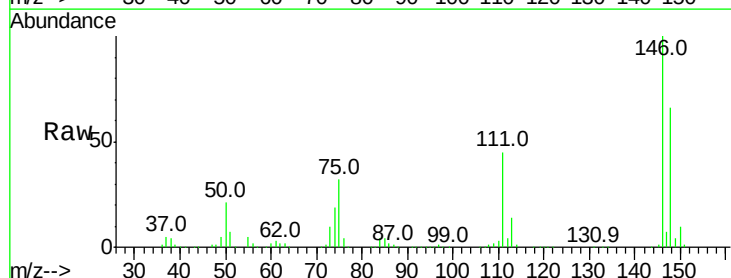
Tgt Ion: 146 Resp: 608222

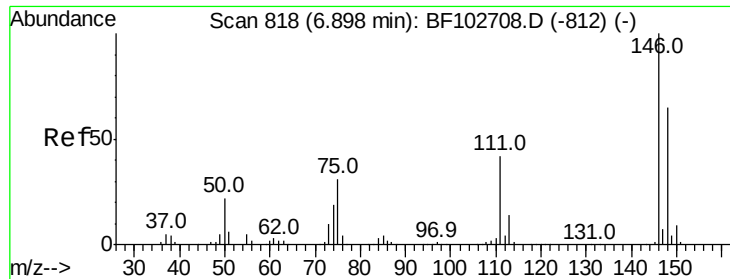
Ion Ratio Lower Upper

146 100

148 65.8 51.8 77.8

75 31.8 24.2 36.4

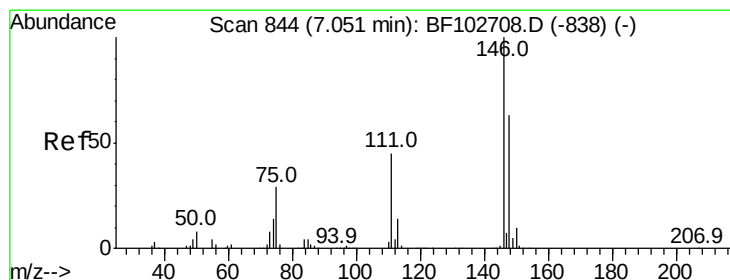
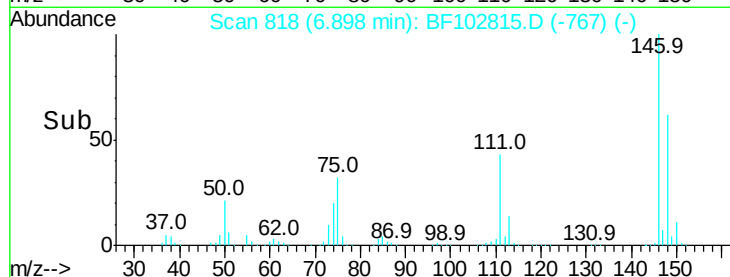
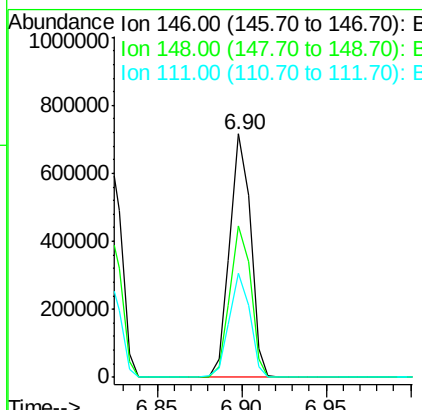
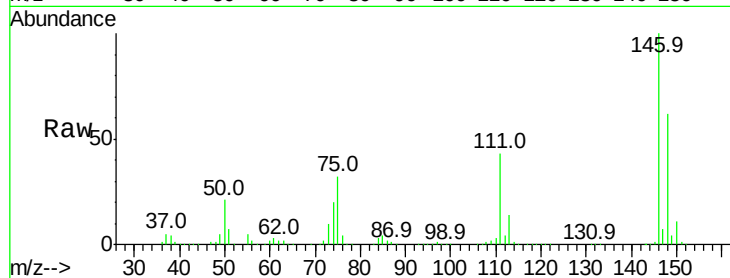




#13
 1,4-Dichlorobenzene
 Concen: 40.850 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

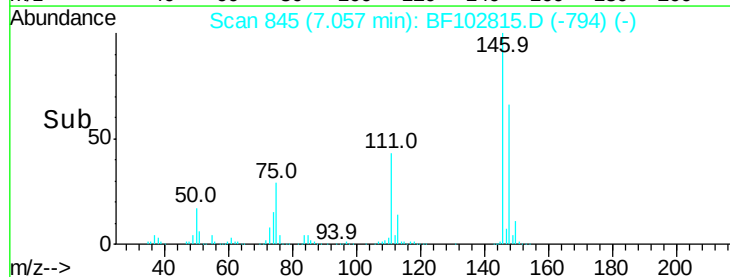
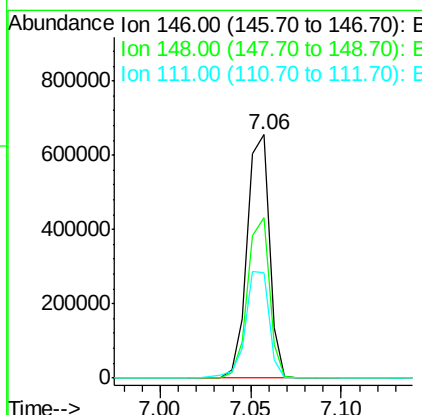
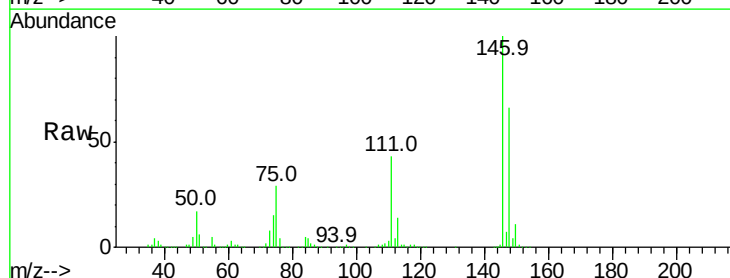
Instrument :
 BNA_F
 ClientSampleId :

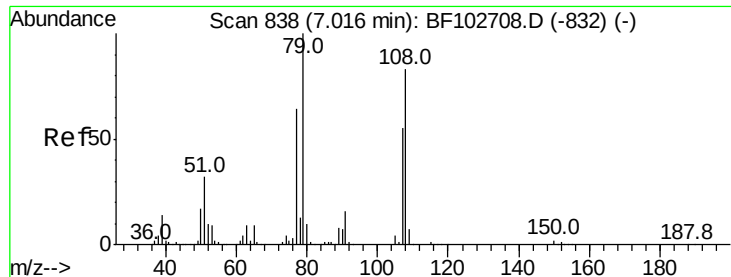
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.8	76.2
111	42.7	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.947 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.6	75.8
111	43.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 28.752 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

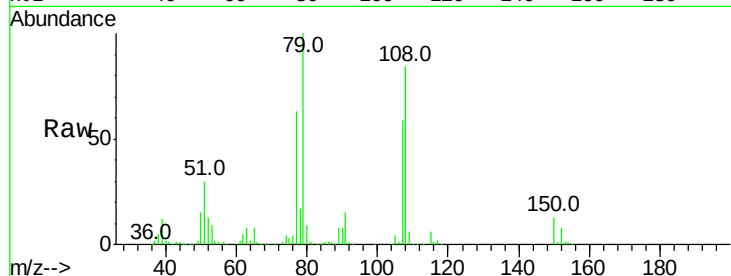
Tot Ion: 79 Resp: 337225

Ion Ratio Lower Upper

79 100

108 83.6 65.1 97.7

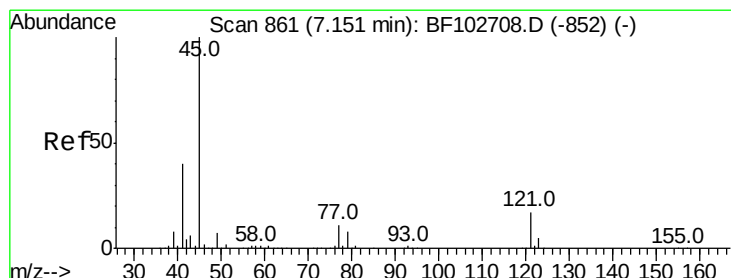
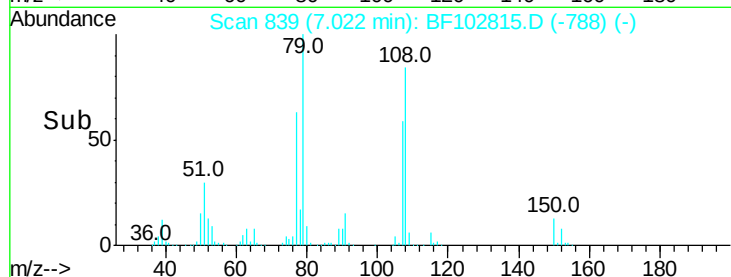
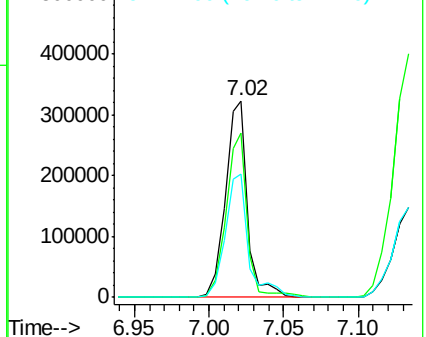
77 62.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.048 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

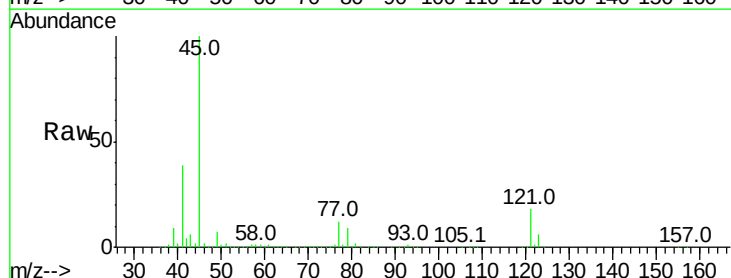
Tgt Ion: 45 Resp: 1112489

Ion Ratio Lower Upper

45 100

77 11.9 0.0 32.9

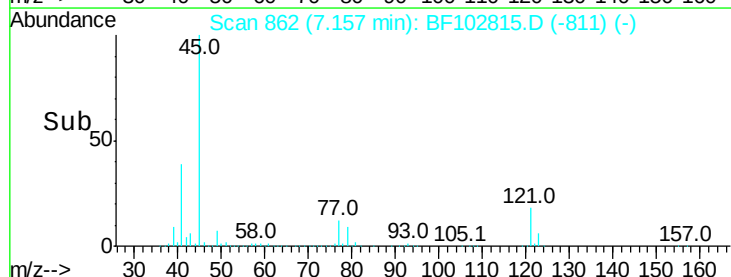
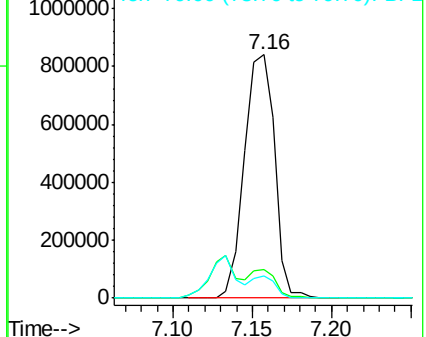
79 9.3 0.0 29.6

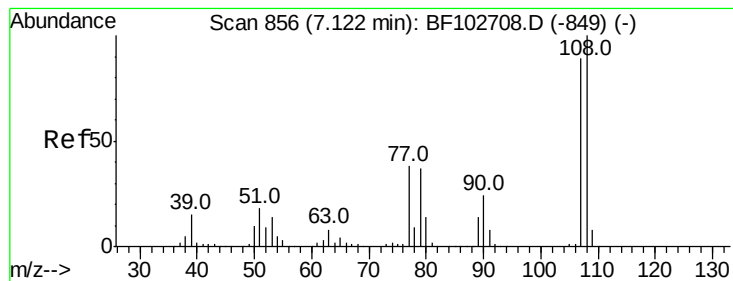


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

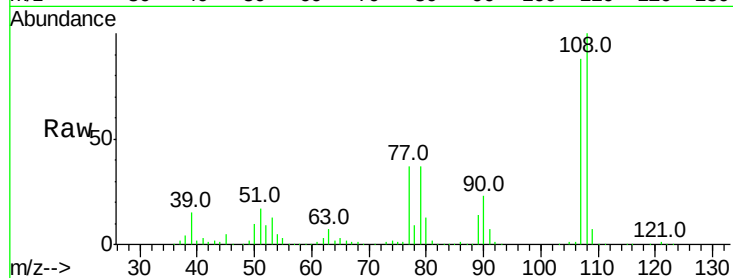




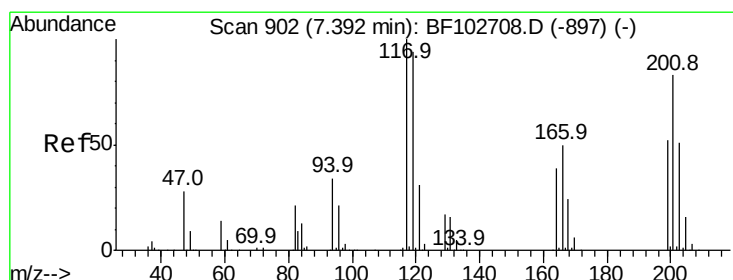
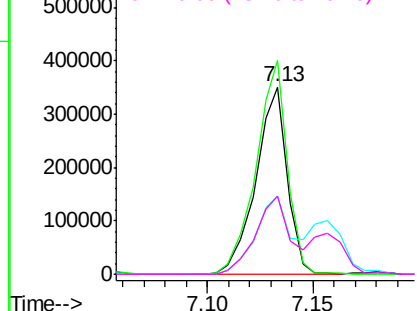
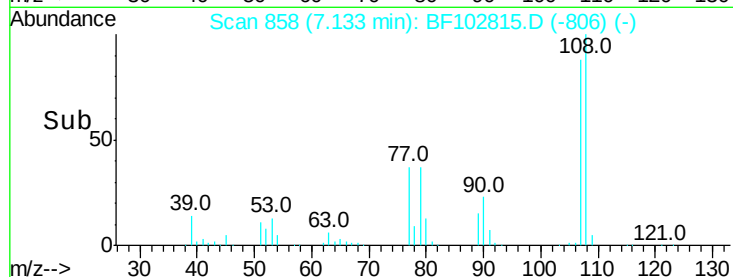
#17
2-Methylphenol
Concen: 29.945 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 360285
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 42.0 33.8 50.8
79 41.9 33.8 50.8

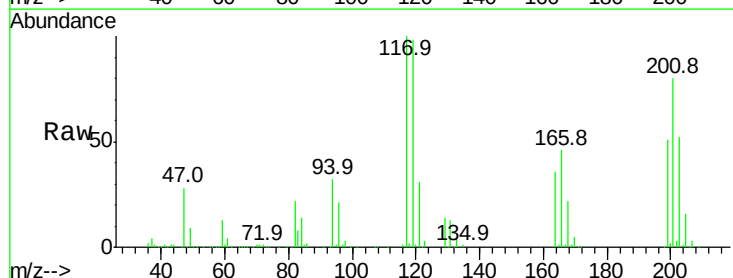


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

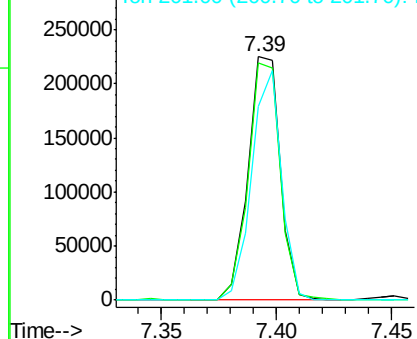
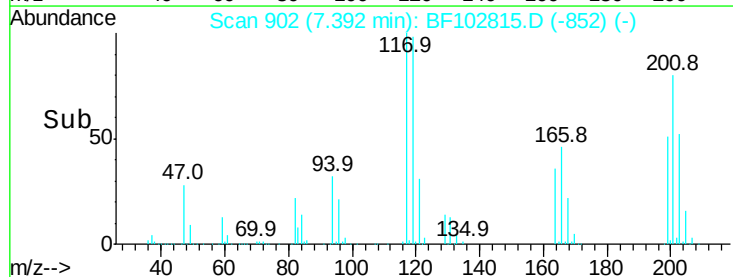


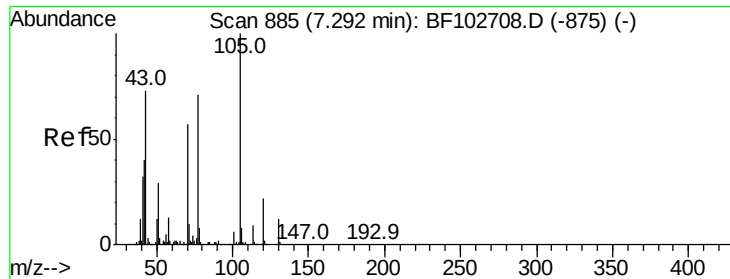
#18
Hexachloroethane
Concen: 42.838 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion:117 Resp: 221033
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.8
201 79.8 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

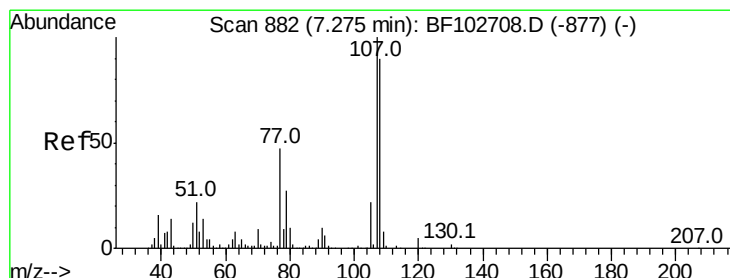
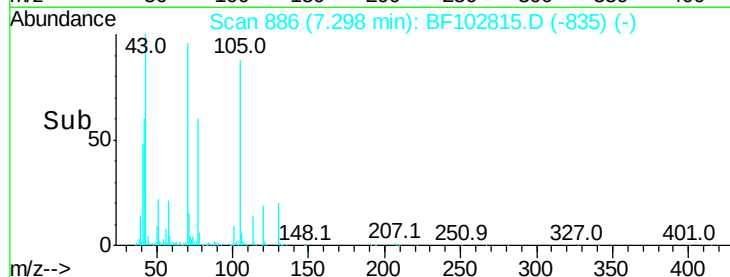
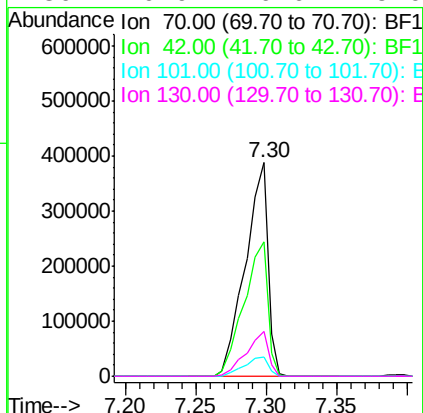
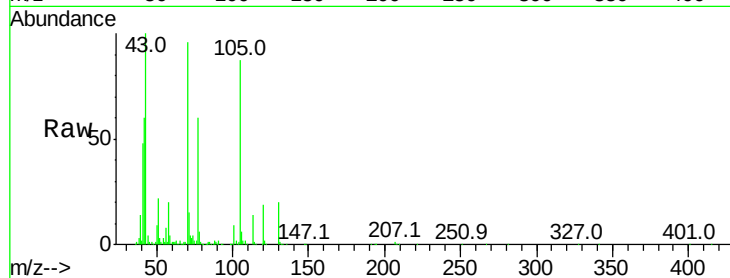




#19
 n-Nitroso-di-n-propylamine
 Concen: 43.548 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

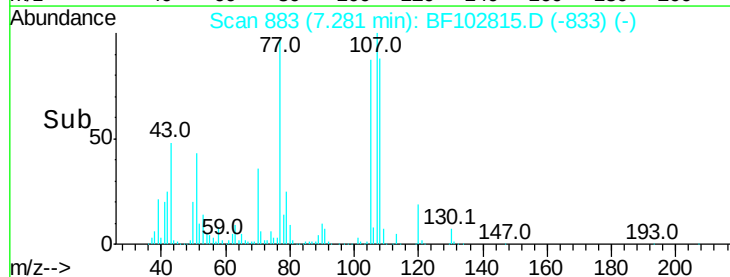
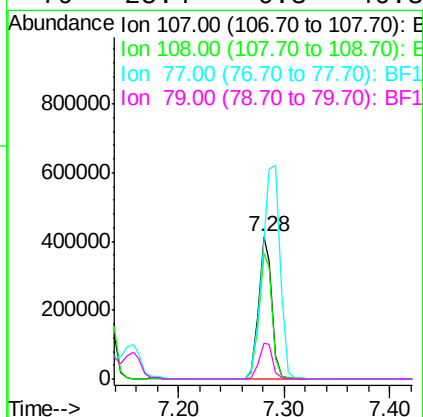
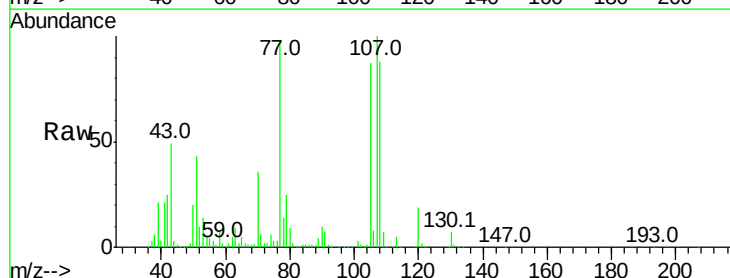
Instrument :
 BNA_F
 ClientSampled :

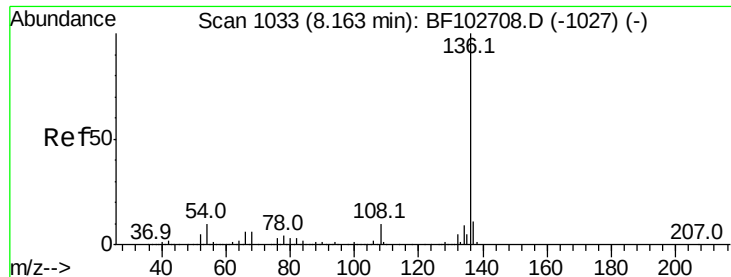
Tot Ion: 70 Resp: 438023
 Ion Ratio Lower Upper
 70 100
 42 62.7 47.5 71.3
 101 9.3 7.4 11.2
 130 20.9 16.6 25.0



#20
 3+4-Methylphenols
 Concen: 24.970 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102815.D
 Acq: 7 Feb 2018 15:09

Tgt Ion: 107 Resp: 370483
 Ion Ratio Lower Upper
 107 100
 108 88.1 68.2 108.2
 77 97.1 26.7 66.7#
 79 25.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 806157

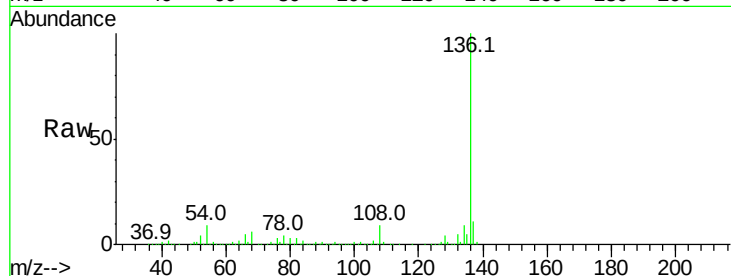
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.1 6.6 9.8

68 6.2 5.0 7.4

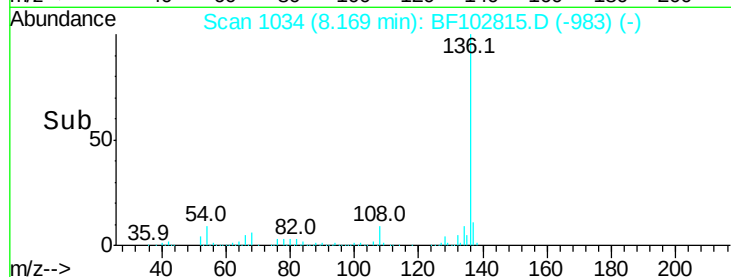


Abundance Ion 136.00 (135.70 to 136.70): E

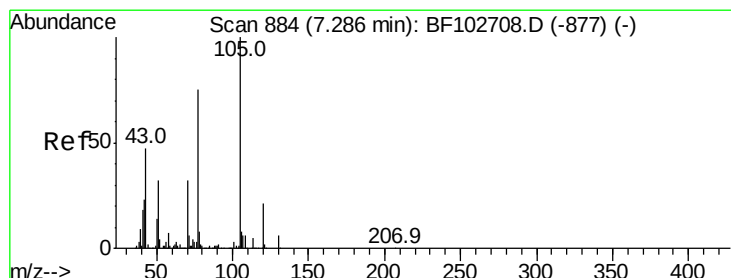
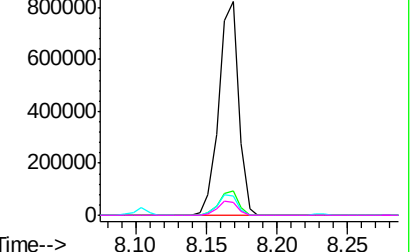
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 42.775 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Tgt Ion:105 Resp: 843847

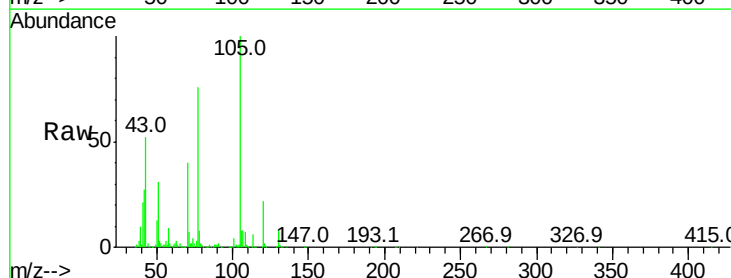
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 30.7 22.3 33.5

120 22.0 16.9 25.3

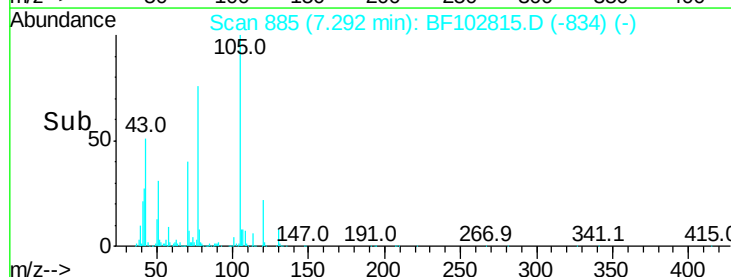


Abundance Ion 105.00 (104.70 to 105.70): E

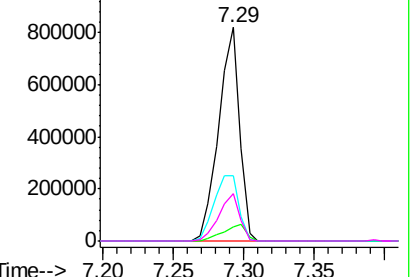
Ion 71.00 (70.70 to 71.70): BF1

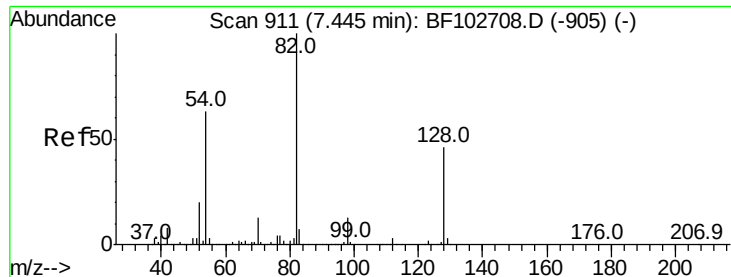
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

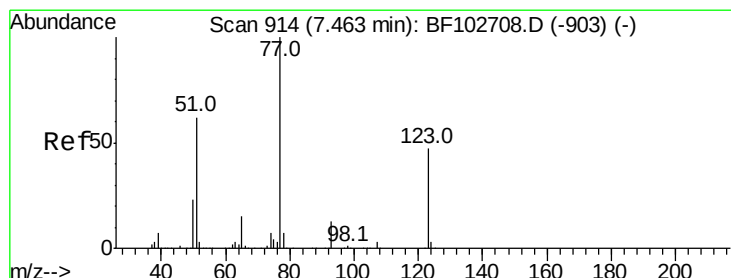
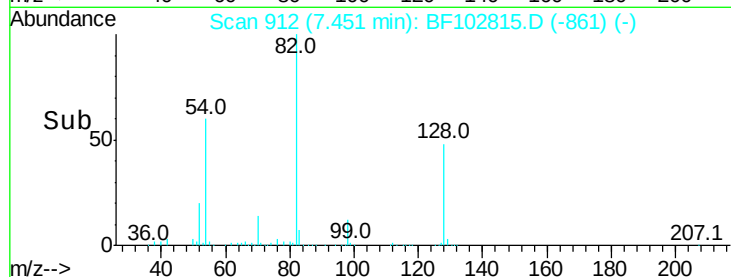
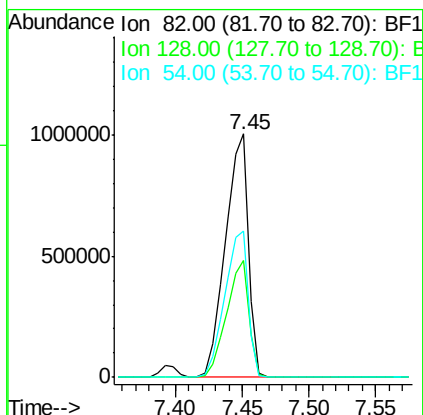
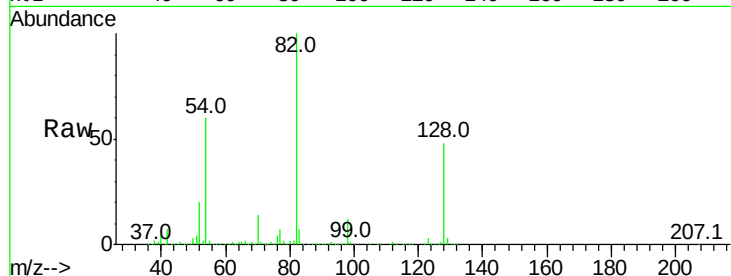




#23
Nitrobenzene-d5
Concen: 105.049 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

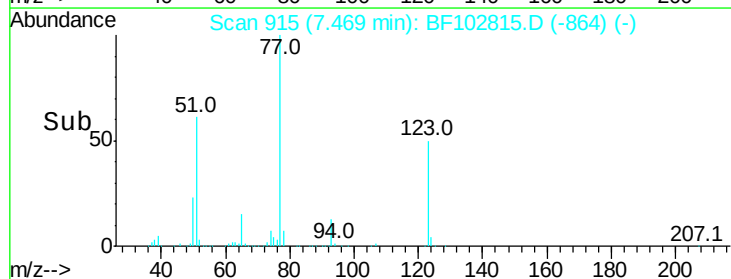
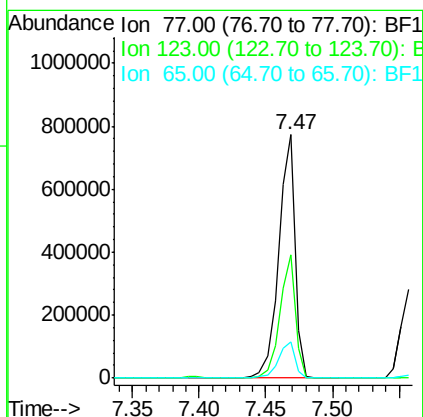
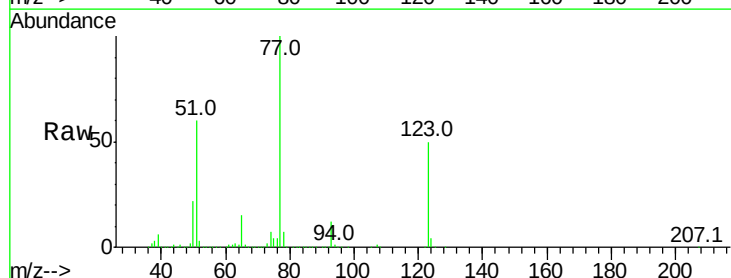
Instrument :
BNA_F
ClientSampleId :

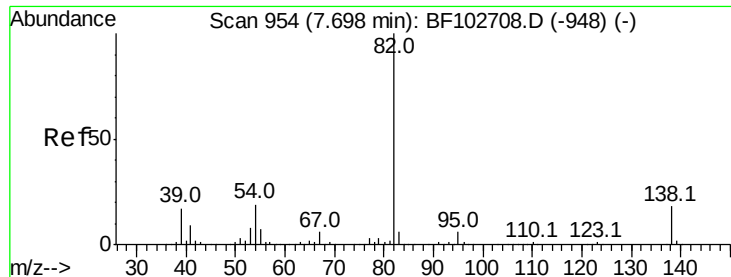
Tot Ion: 82 Resp: 1220776
Ion Ratio Lower Upper
82 100
128 48.2 36.1 54.1
54 60.0 41.4 62.2



#24
Nitrobenzene
Concen: 48.939 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF102815.D
Acq: 7 Feb 2018 15:09

Tgt Ion: 77 Resp: 668892
Ion Ratio Lower Upper
77 100
123 50.5 37.9 56.9
65 14.9 11.0 16.4





#25

Isophorone

Concen: 47.005 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

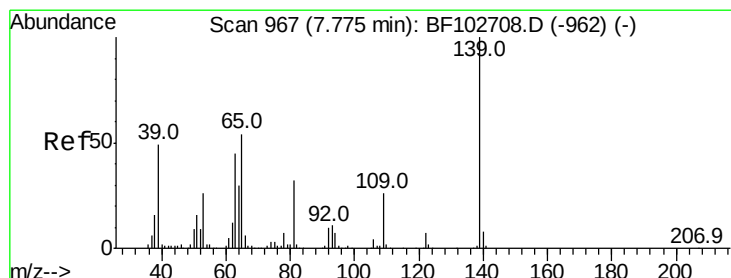
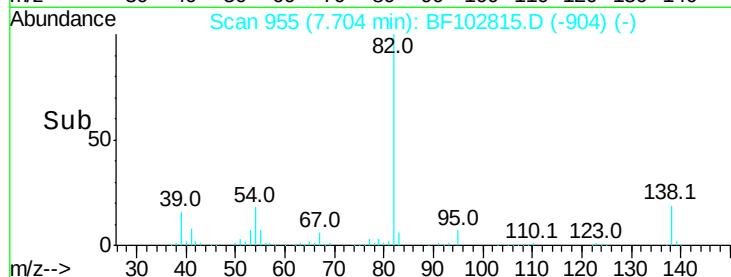
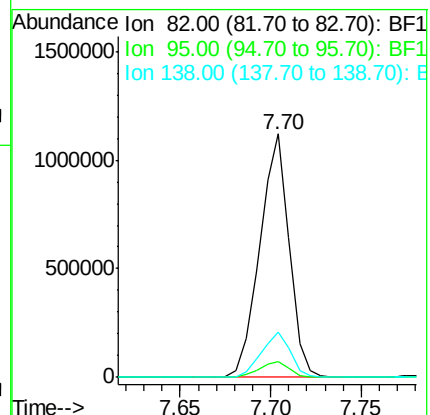
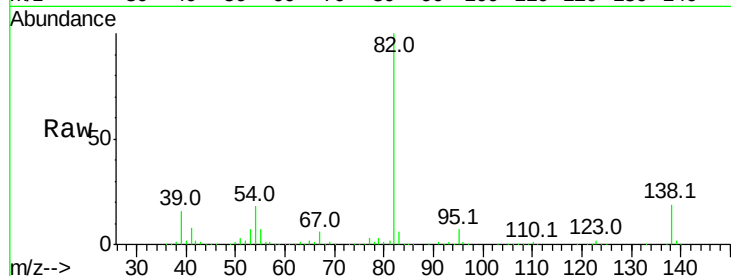
Tot Ion: 82 Resp: 1257816

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 58.838 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

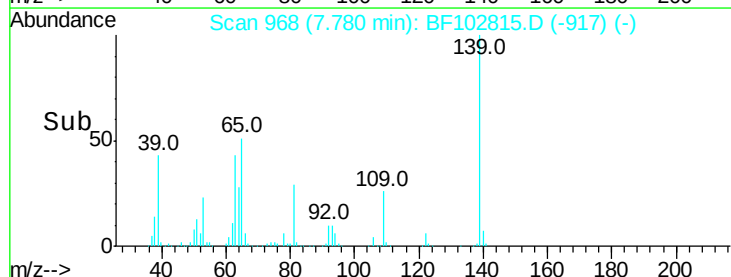
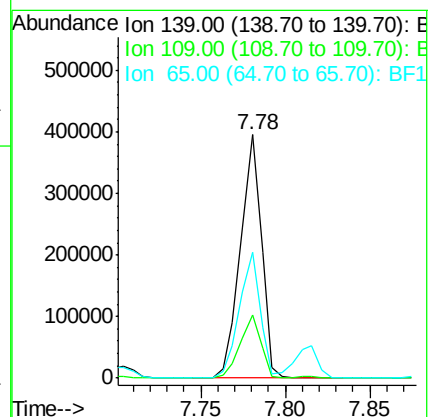
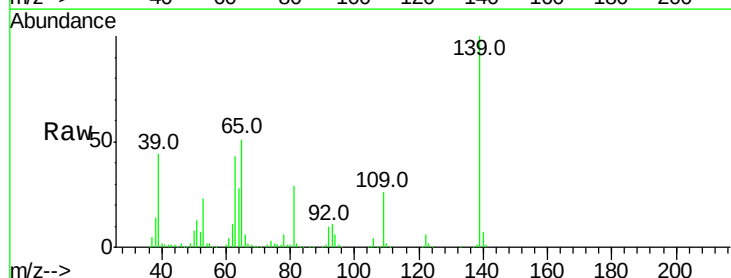
Tgt Ion: 139 Resp: 343839

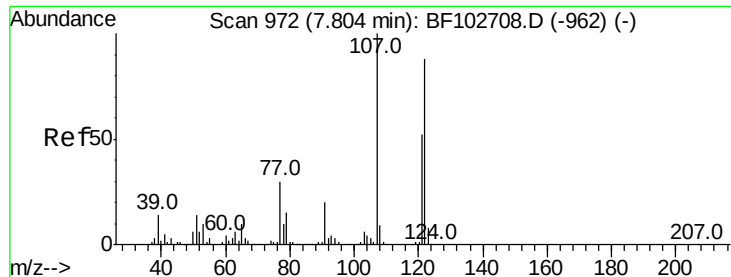
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 51.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.182 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

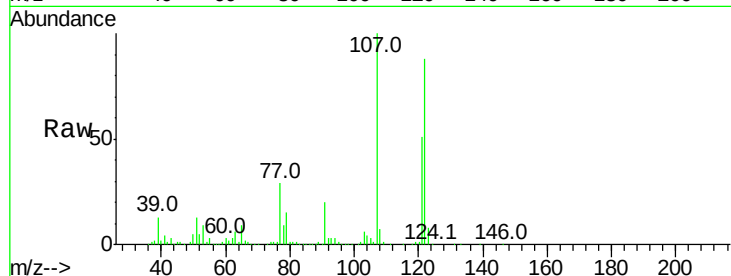
Tot Ion:122 Resp: 510790

Ion Ratio Lower Upper

122 100

107 114.2 91.2 136.8

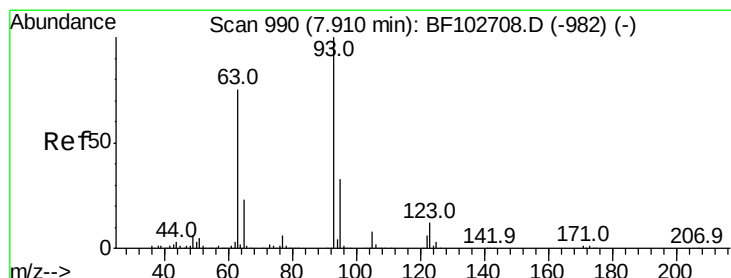
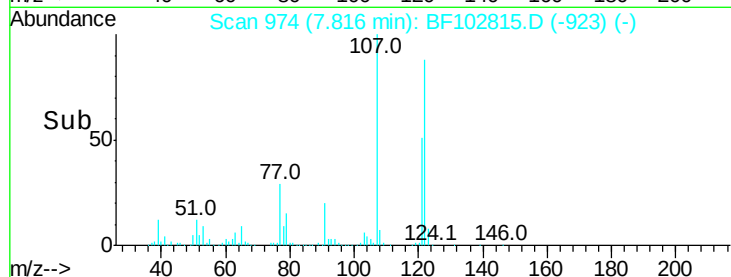
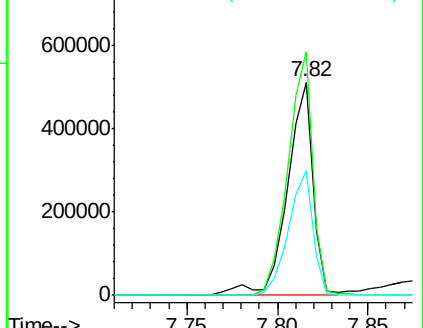
121 58.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.118 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

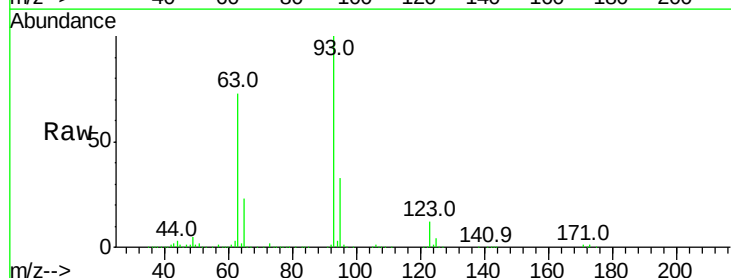
Tgt Ion: 93 Resp: 778608

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

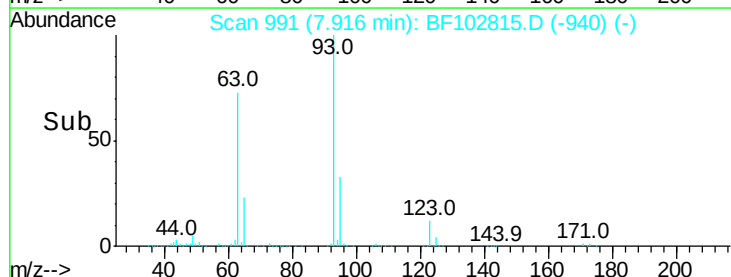
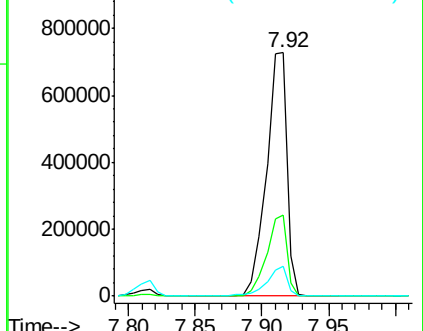
123 12.1 9.8 14.6

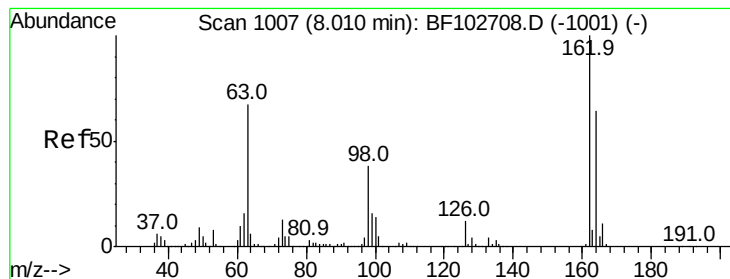


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.942 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

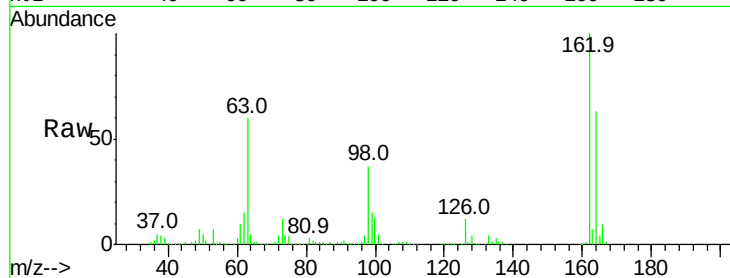
Tot Ion:162 Resp: 482428

Ion Ratio Lower Upper

162 100

164 63.5 42.7 82.7

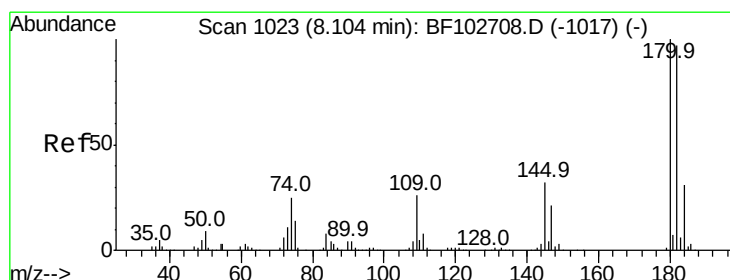
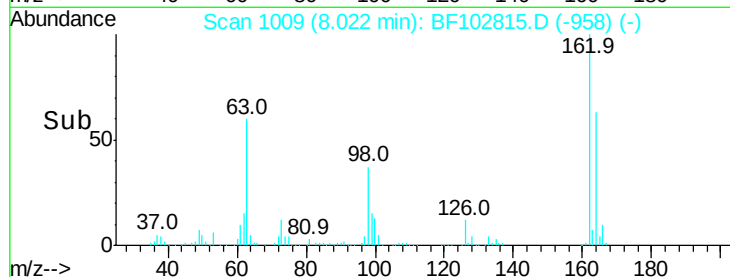
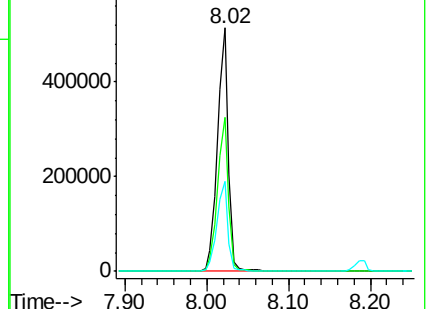
98 36.9 18.1 58.1



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: 42.096 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

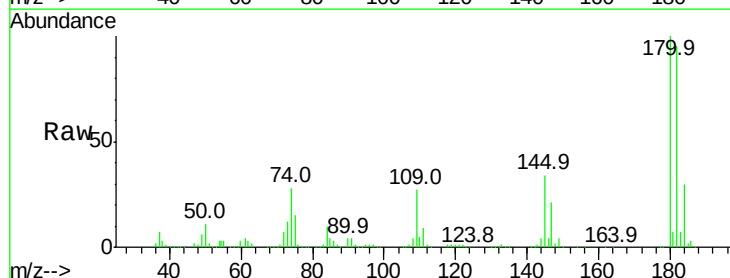
Tgt Ion:180 Resp: 489420

Ion Ratio Lower Upper

180 100

182 94.8 76.8 115.2

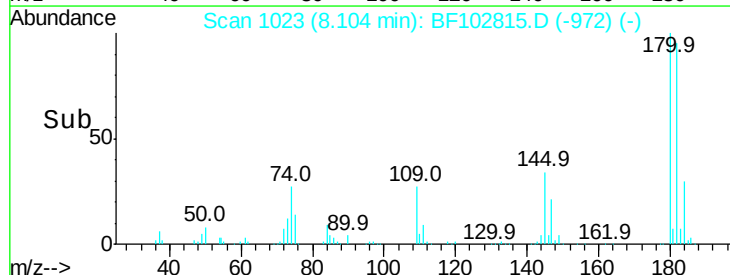
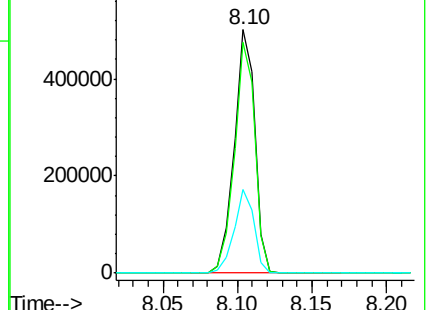
145 34.2 26.5 39.7

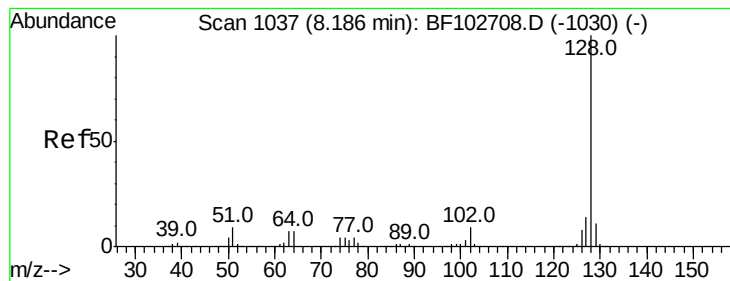


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.943 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

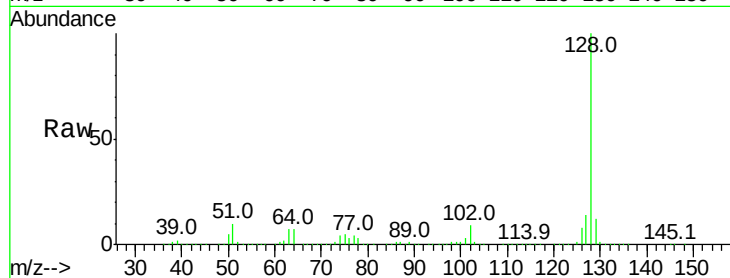
Tot Ion:128 Resp: 1691414

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

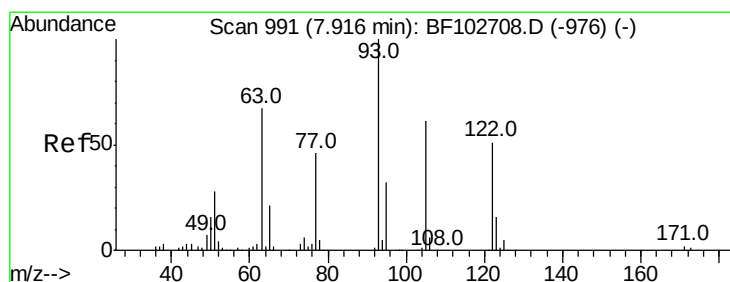
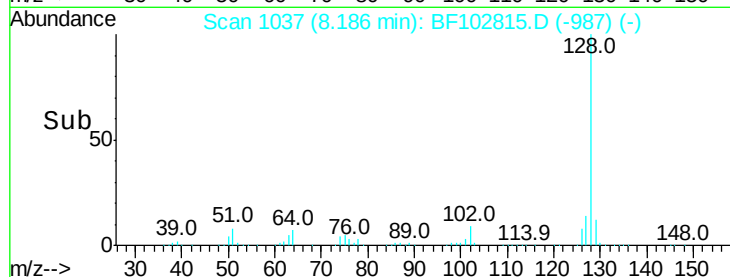
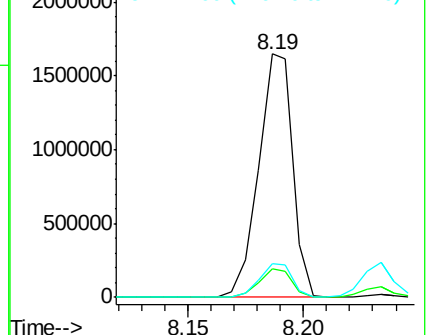
127 13.9 10.9 16.3



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: 21.022 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.04 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

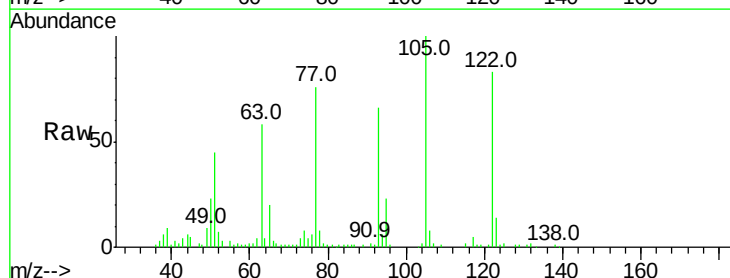
Tgt Ion:122 Resp: 108618

Ion Ratio Lower Upper

122 100

105 120.0 101.1 141.1

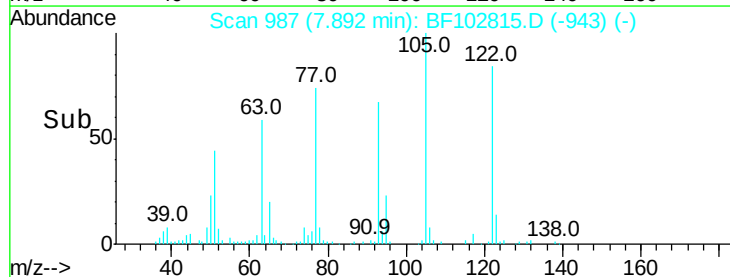
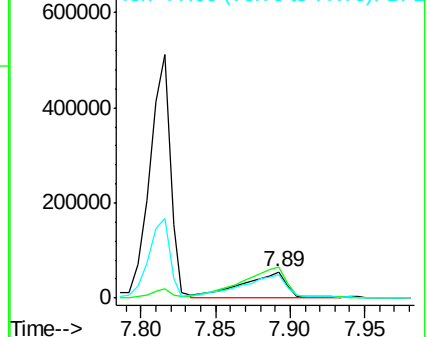
77 90.8 70.7 110.7

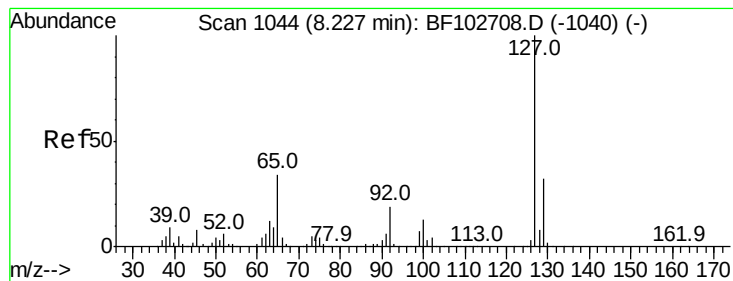


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 13.303 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 225723

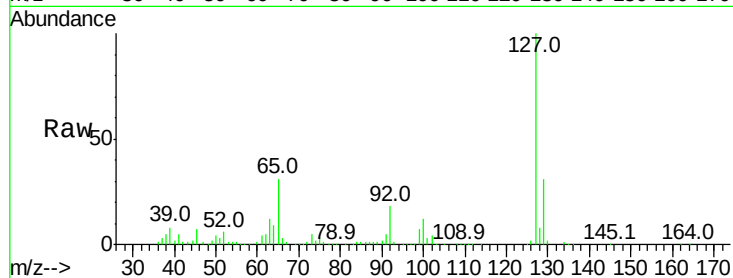
Ion Ratio Lower Upper

127 100

129 30.9 25.9 38.9

65 31.4 25.0 37.4

92 17.8 15.2 22.8

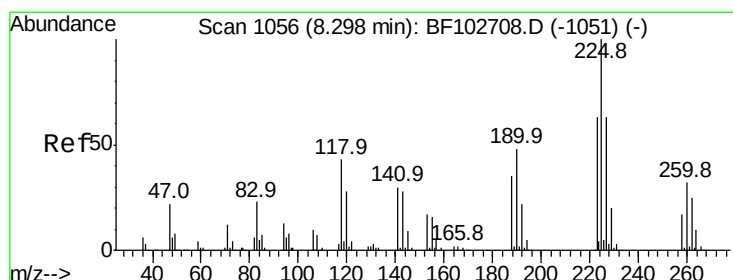
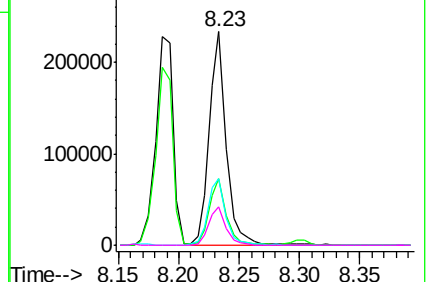
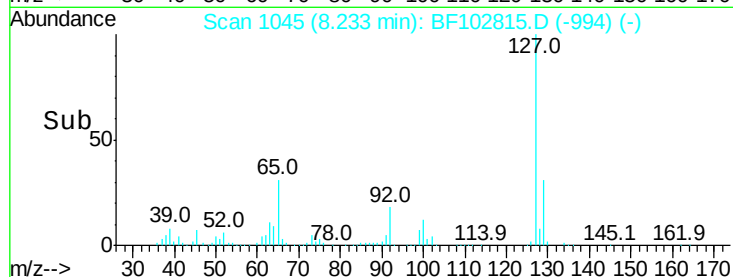


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.891 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF102815.D

Acq: 7 Feb 2018 15:09

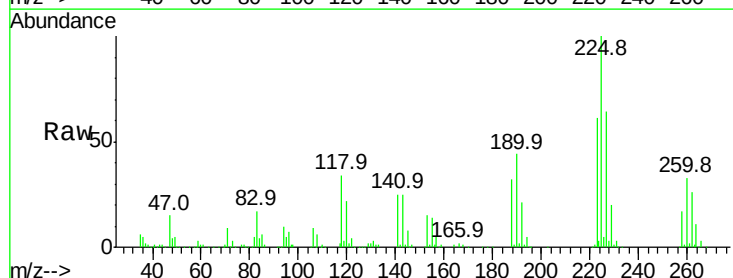
Tgt Ion:225 Resp: 237657

Ion Ratio Lower Upper

225 100

223 61.3 50.6 76.0

227 63.8 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

