

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022018\
 Data File : BF103112.D
 Acq On : 20 Feb 2018 9:08
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 20 13:15:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	183389	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	764118	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	347114	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	601119	20.00	ng	0.00
75) Chrysene-d12	14.05	240	442923	20.00	ng	0.00
86) Perylene-d12	15.54	264	422979	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	908197	75.21	ng	0.00
7) Phenol-d6	6.51	99	1101888	75.78	ng	0.00
23) Nitrobenzene-d5	7.45	82	986718	89.58	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	228782	81.89	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1522044	72.76	ng	0.00
78) Terphenyl-d14	12.99	244	1298495	69.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	236853	39.711	ng	88
3) Pyridine	3.43	79	677048	41.086	ng	94
4) n-Nitrosodimethylamine	3.39	42	265723	37.688	ng	99
6) Aniline	6.55	93	806139	37.543	ng	95
8) 2-Chlorophenol	6.66	128	474352	38.156	ng	92
9) Benzaldehyde	6.43	77	453739	42.022	ng	97
10) Phenol	6.53	94	643974	41.328	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	493138	38.033	ng	93
12) 1,3-Dichlorobenzene	6.82	146	539923	37.504	ng	99
13) 1,4-Dichlorobenzene	6.89	146	539171	37.597	ng	99
14) 1,2-Dichlorobenzene	7.05	146	492440	36.867	ng	99
15) Benzyl Alcohol	7.02	79	424023	37.931	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	843288	34.237	ng	100
17) 2-Methylphenol	7.13	107	431002	37.585	ng	98
18) Hexachloroethane	7.39	117	198076	40.278	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	327870	34.201	ng	98
20) 3+4-Methylphenols	7.29	107	492009	34.792	ng	# 72
22) Acetophenone	7.29	105	640077	34.231	ng	# 95
24) Nitrobenzene	7.46	77	541288	41.771	ng	98
25) Isophorone	7.70	82	949001	37.416	ng	98
26) 2-Nitrophenol	7.77	139	275456	51.071	ng	94
27) 2,4-Dimethylphenol	7.81	122	389016	36.303	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	571539	38.039	ng	99
29) 2,4-Dichlorophenol	8.02	162	385639	39.588	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	410538	37.254	ng	98
31) Naphthalene	8.19	128	1363976	36.535	ng	100
32) Benzoic acid	7.93	122	158200	27.219	ng	98
33) 4-Chloroaniline	8.23	127	619552	38.522	ng	99
34) Hexachlorobutadiene	8.29	225	209222	37.050	ng	98
35) Caprolactam	8.62	113	141573	41.848	ng	88
36) 4-Chloro-3-methylphenol	8.71	107	430504	39.333	ng	99
37) 2-Methylnaphthalene	8.87	142	885593	36.232	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	360924	38.188	ng	99
40) Hexachlorocyclopentadiene	9.02	237	154125	34.304	ng	99

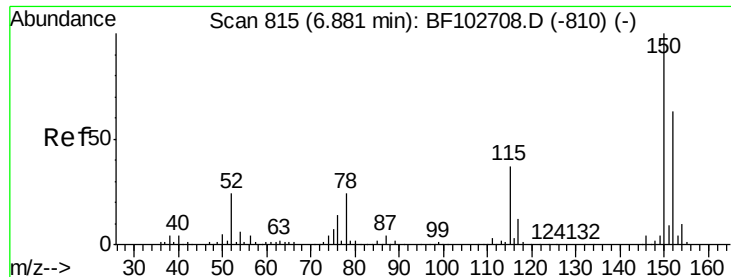
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022018\
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 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	253578	40.848	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	280364	40.070	nq	99
45) 1,1'-Biphenyl	9.34	154	1063784	36.386	nq	99
46) 2-Chloronaphthalene	9.36	162	862844	37.487	nq	99
47) 2-Nitroaniline	9.46	65	323246	45.692	nq	91
48) Acenaphthylene	9.78	152	1305182	36.509	nq	99
49) Dimethylphthalate	9.64	163	1031628	38.116	nq	100
50) 2,6-Dinitrotoluene	9.70	165	229656	44.600	nq	97
51) Acenaphthene	9.95	154	758697	35.488	nq	99
52) 3-Nitroaniline	9.87	138	292506	46.167	nq	99
53) 2,4-Dinitrophenol	9.98	184	55165	46.361	nq	# 18
54) Dibenzofuran	10.12	168	1082403	35.926	nq	97
55) 4-Nitrophenol	10.03	139	183721	37.535	nq	91
56) 2,4-Dinitrotoluene	10.11	165	294913	43.044	nq	96
57) Fluorene	10.47	166	845144	38.554	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	194335	40.074	nq	99
59) Diethylphthalate	10.33	149	970476	36.314	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	374870	38.657	nq	97
61) 4-Nitroaniline	10.49	138	289975	48.083	nq	92
62) Azobenzene	10.62	77	982653	36.807	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	126073	49.745	nq	93
65) n-Nitrosodiphenylamine	10.57	169	777818	36.684	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	231646	36.430	nq	96
67) Hexachlorobenzene	11.02	284	258868	36.903	nq	95
68) Atrazine	11.10	200	235552	37.657	nq	97
69) Pentachlorophenol	11.21	266	131824	32.013	nq	96
70) Phenanthrene	11.43	178	1191253	35.583	nq	99
71) Anthracene	11.49	178	1228496	36.078	nq	100
72) Carbazole	11.64	167	1251816	37.526	nq	99
73) Di-n-butylphthalate	11.96	149	1542835	38.074	nq	100
74) Fluoranthene	12.62	202	1229078	36.489	nq	99
76) Benzidine	12.74	184	822374	40.398	nq	99
77) Pyrene	12.85	202	1277860	36.792	nq	100
79) Butylbenzylphthalate	13.46	149	669511	40.463	nq	97
80) Benzo(a)anthracene	14.04	228	1104173	39.639	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	403731	39.090	nq	99
82) Chrysene	14.08	228	1034973	36.858	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	891925	41.921	nq	# 98
84) Di-n-octyl phthalate	14.63	149	1435967	44.948	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	858281	36.854	nq	99
87) Benzo(b)fluoranthene	15.10	252	998074	36.395	nq	98
88) Benzo(k)fluoranthene	15.13	252	1001790	38.232	nq	99
89) Benzo(a)pyrene	15.48	252	927690	37.582	nq	97
90) Dibenzo(a,h)anthracene	17.07	278	706472	35.261	nq	99
91) Benzo(g,h,i)perylene	17.51	276	706295	36.016	nq	98

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

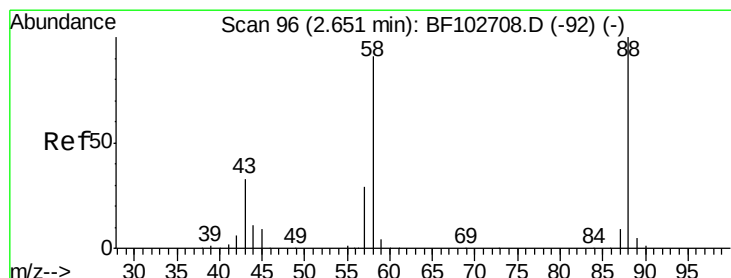
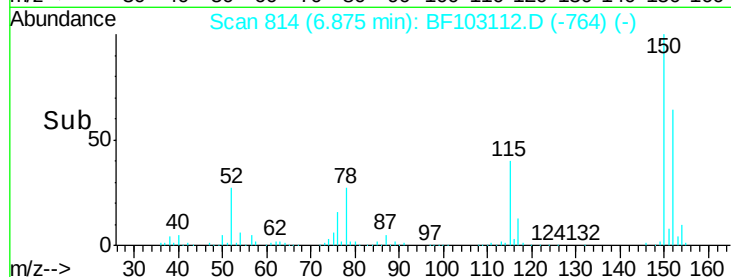
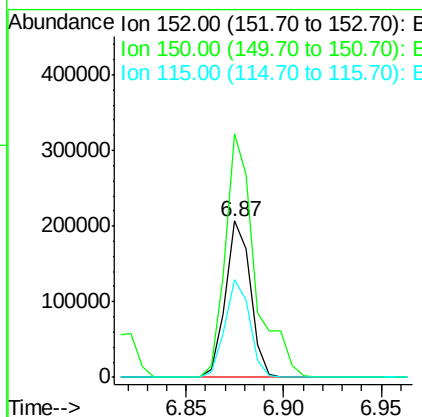
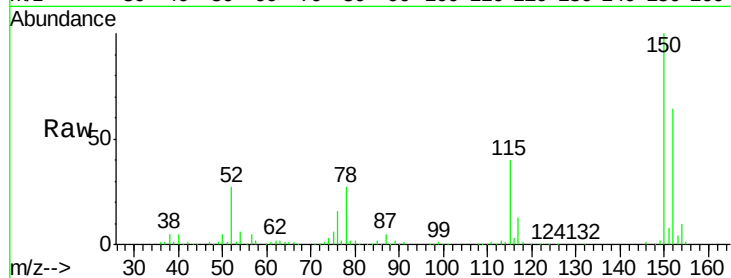


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Instrument :
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 SSTDCCC040

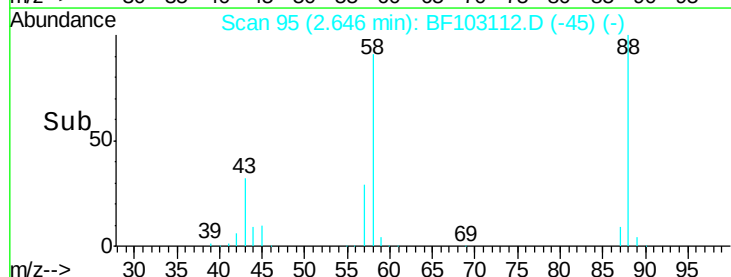
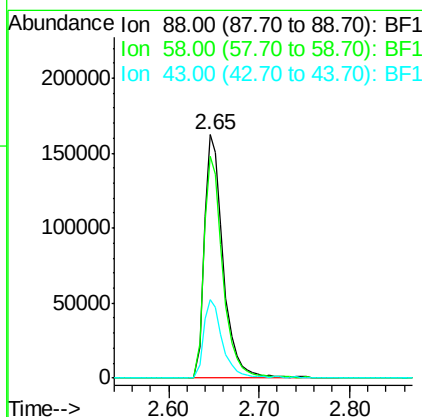
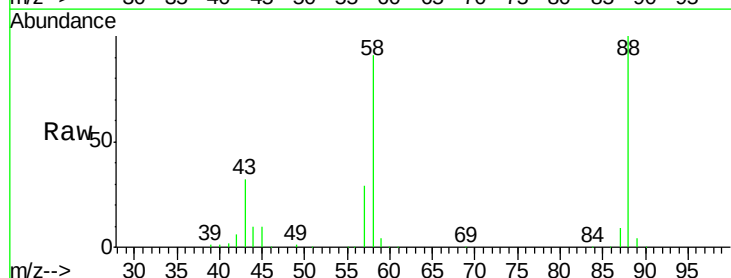
Tot Ion	152	Resp	183389
Ion Ratio	Lower	Upper	
152	100		
150	155.9	124.6	186.8
115	62.9	50.1	75.1

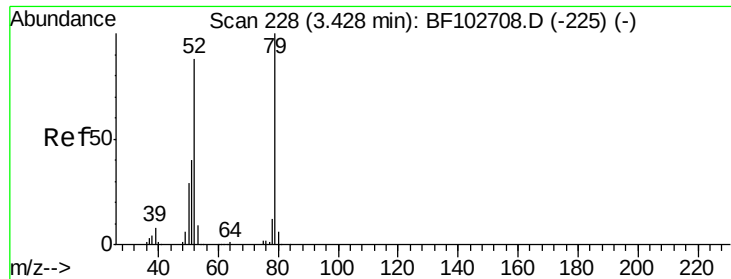


#2

1,4-Dioxane
 Concen: 39.711 ng
 RT: 2.65 min Scan# 95
 Delta R.T. -0.01 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Tgt Ion	88	Resp	236853
Ion Ratio	Lower	Upper	
88	100		
58	91.1	62.6	93.8
43	32.8	24.6	37.0

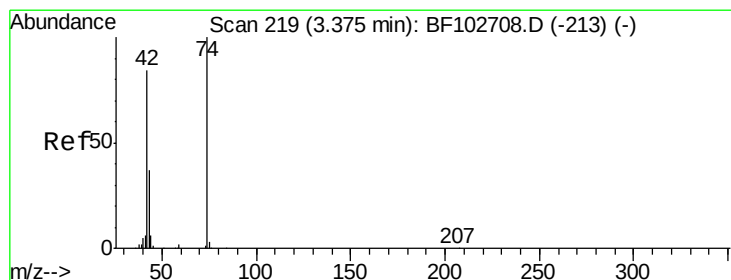
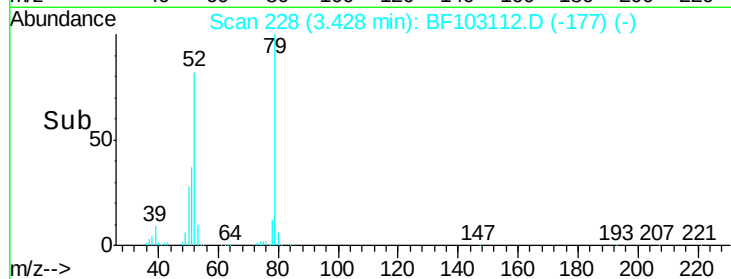
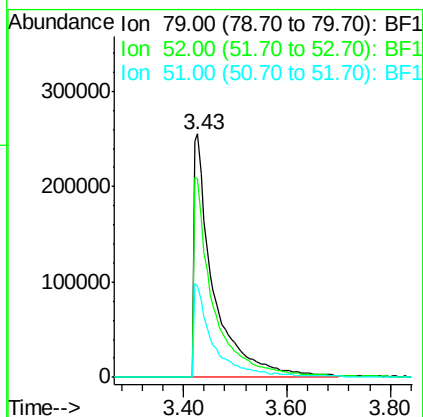
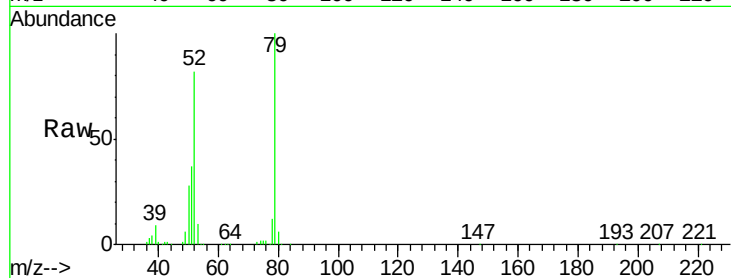




#3
 Pvridine
 Concen: 41.086 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

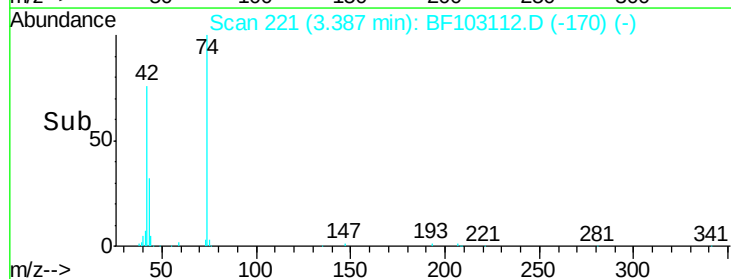
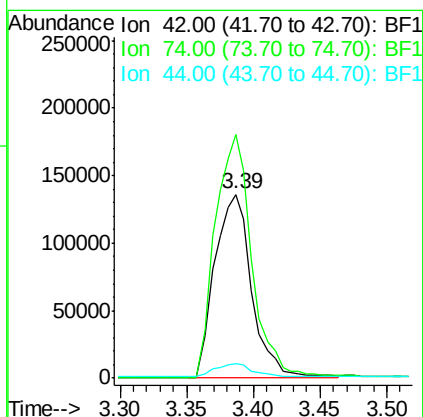
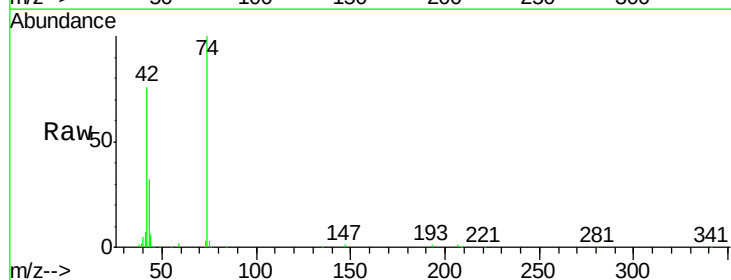
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

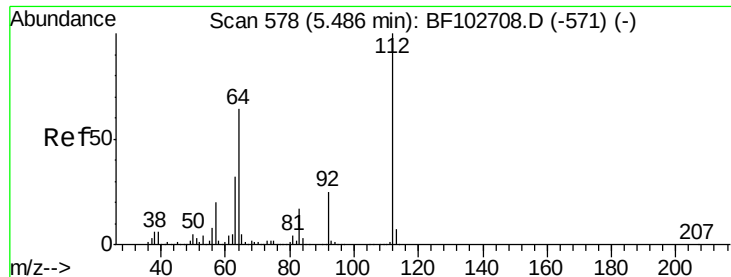
Tot Ion: 79 Resp: 677048
 Ion Ratio Lower Upper
 79 100
 52 81.7 59.8 89.6
 51 37.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.688 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Tgt Ion: 42 Resp: 265723
 Ion Ratio Lower Upper
 42 100
 74 132.4 104.9 157.3
 44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 75.209 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

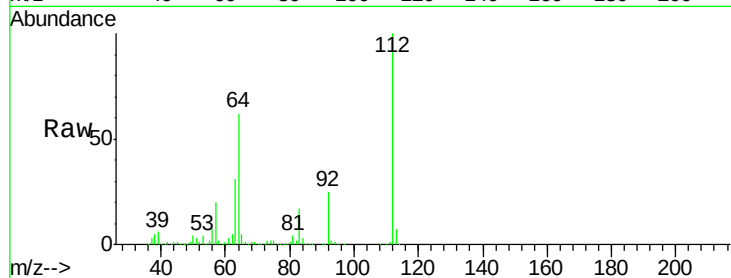
Tot Ion:112 Resp: 908197

Ion Ratio Lower Upper

112 100

64 61.9 47.9 71.9

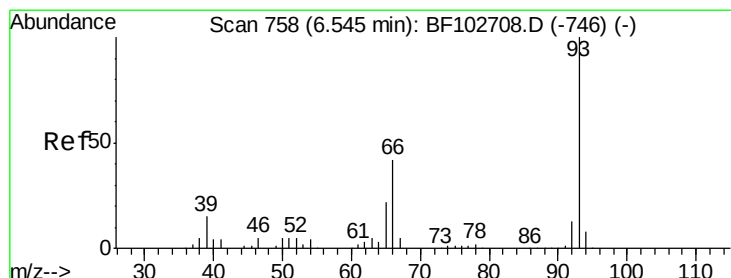
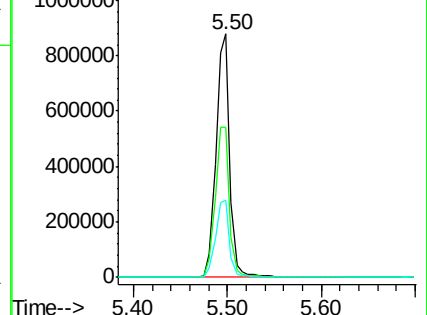
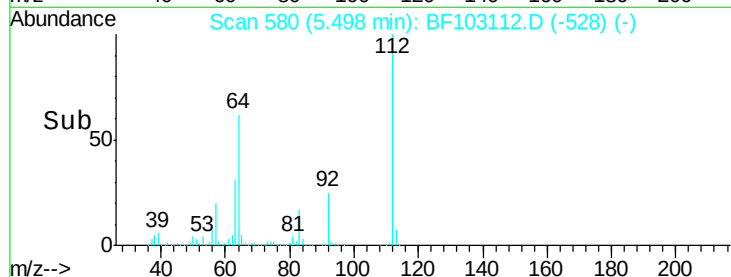
63 31.5 23.7 35.5



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: 37.543 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

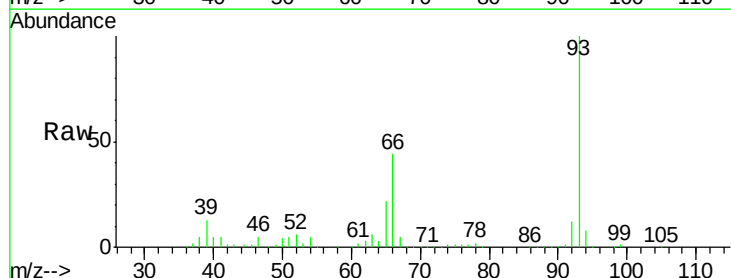
Tgt Ion: 93 Resp: 806139

Ion Ratio Lower Upper

93 100

66 43.8 32.2 48.2

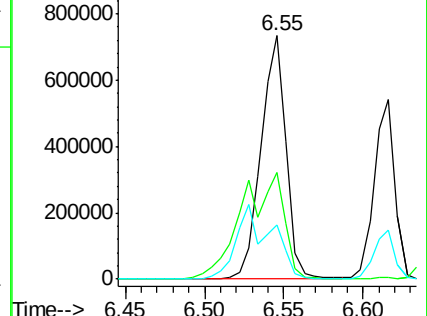
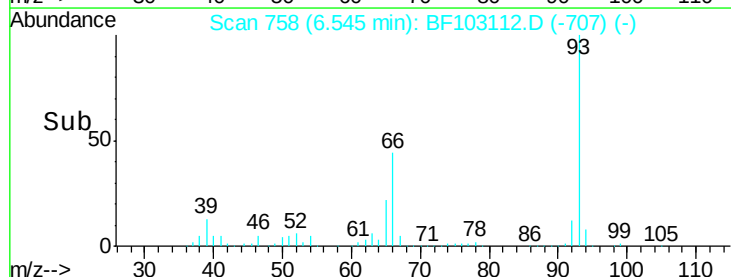
65 22.0 16.4 24.6

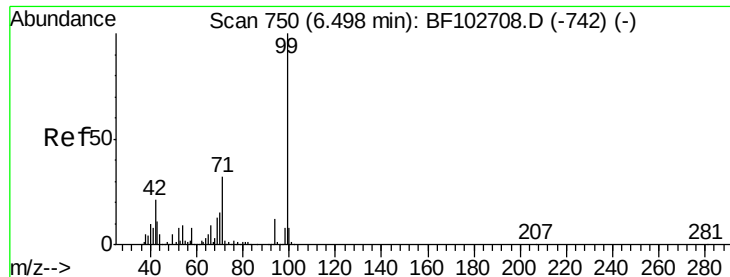


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.784 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

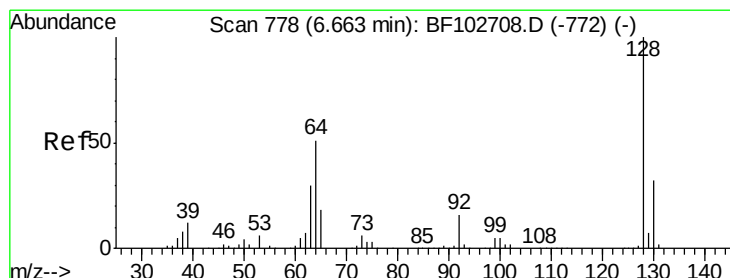
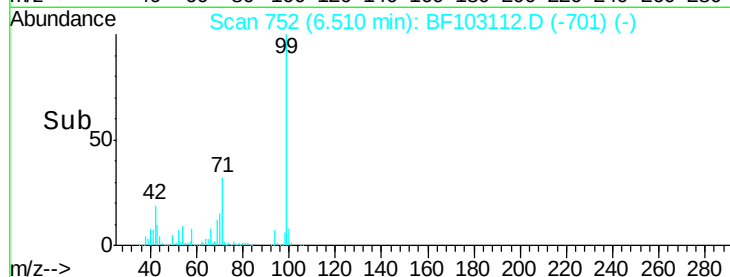
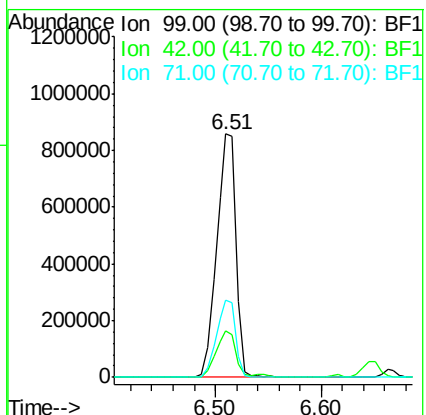
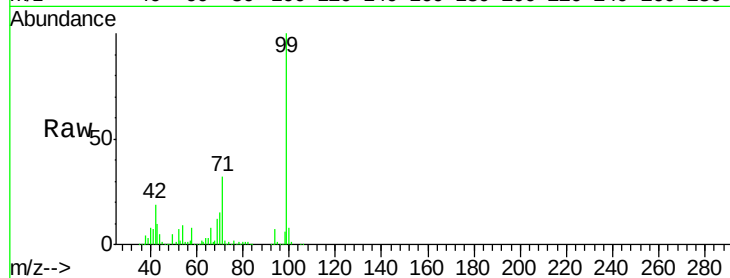
Tot Ion: 99 Resp: 1101888

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 31.9 25.4 38.0



#8

2-Chlorophenol

Concen: 38.156 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

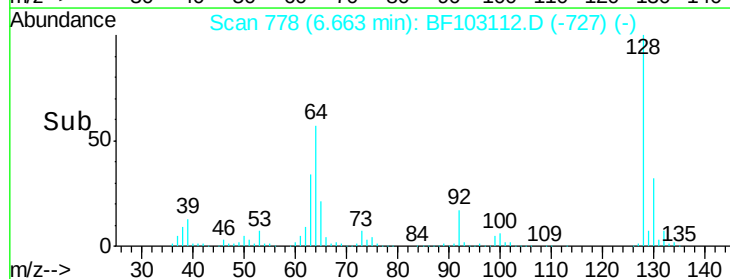
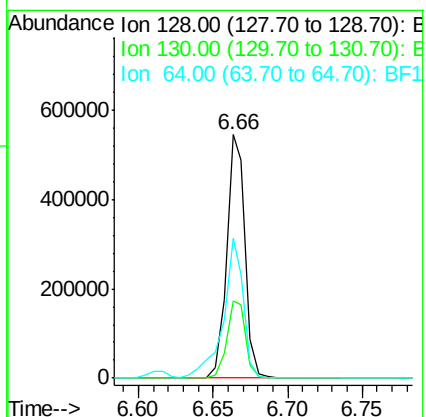
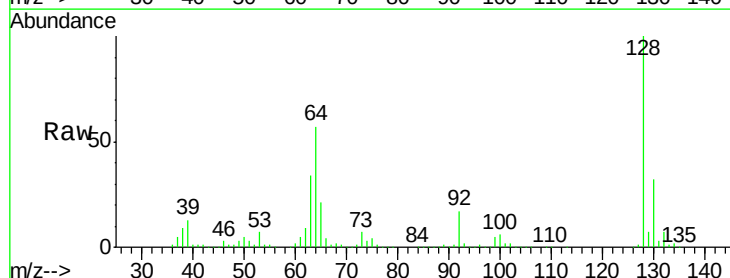
Tgt Ion: 128 Resp: 474352

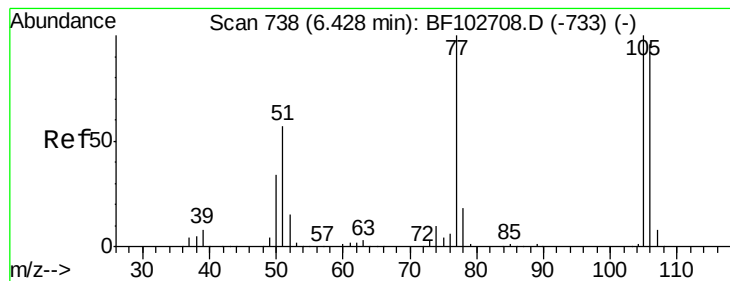
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 57.2 29.4 69.4





#9

Benzaldehyde

Concen: 42.022 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

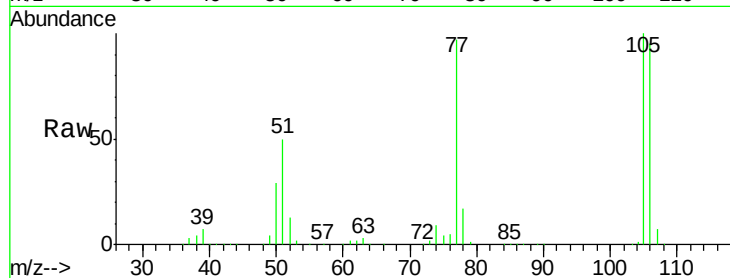
Tot Ion: 77 Resp: 453739

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

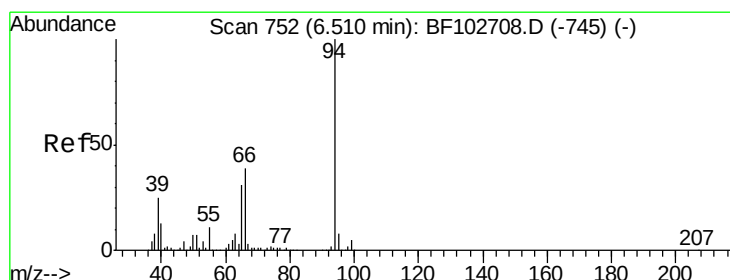
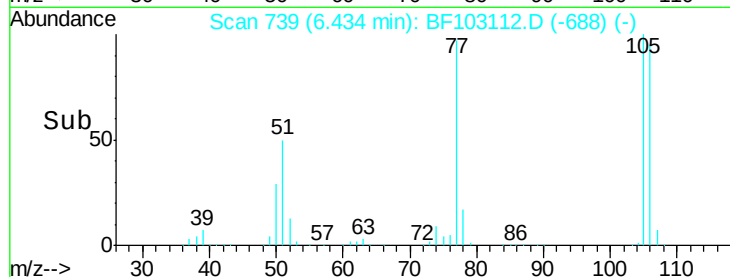
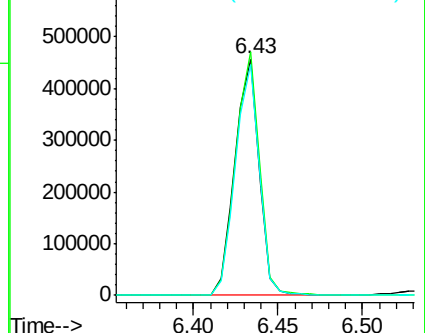
106 97.7 74.5 114.5



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: 41.328 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

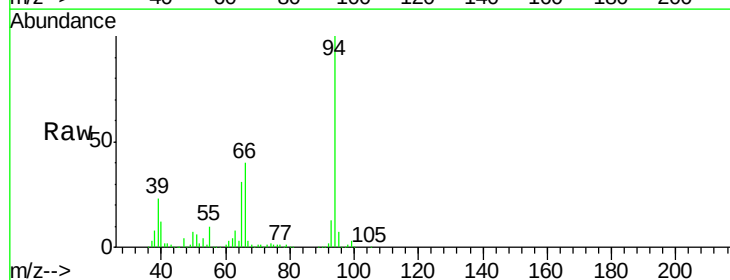
Tgt Ion: 94 Resp: 643974

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

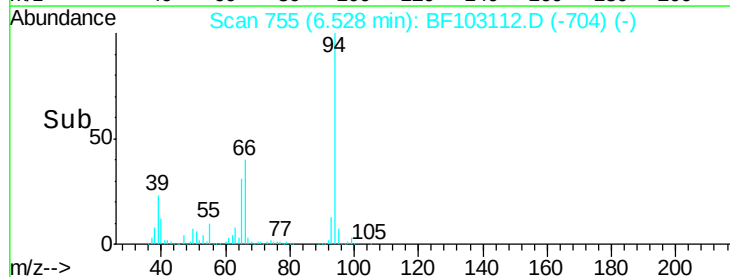
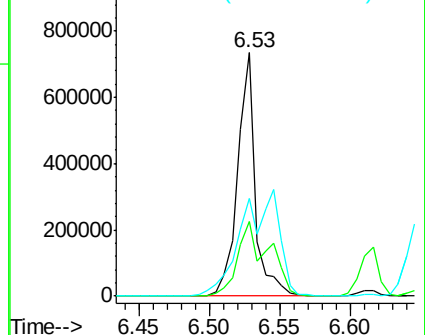
66 40.4 16.2 56.2

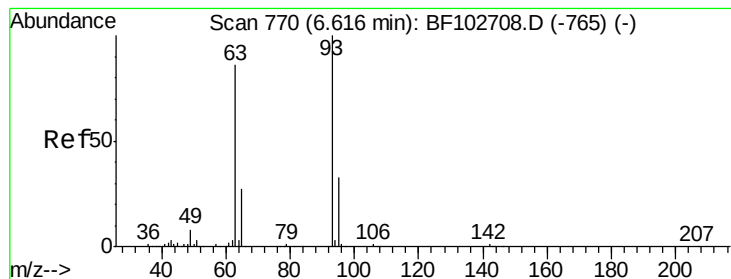


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.033 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

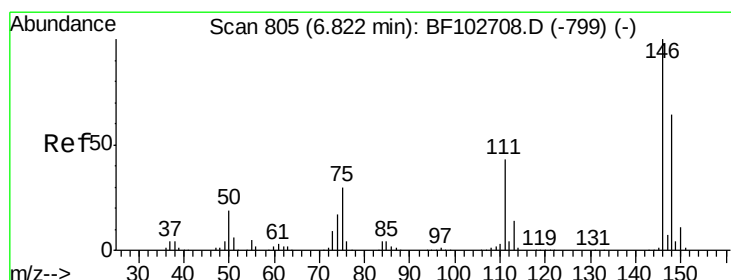
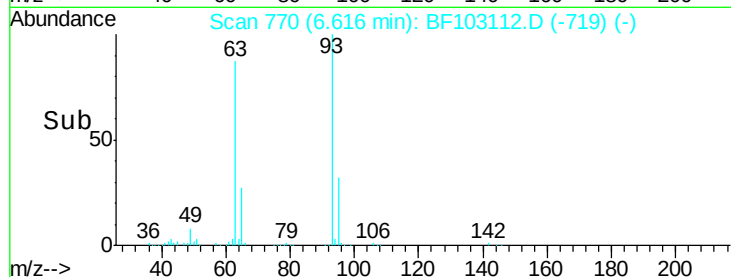
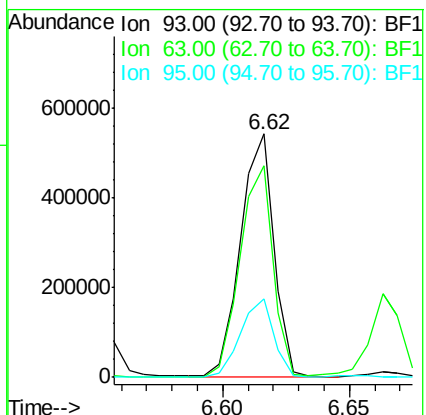
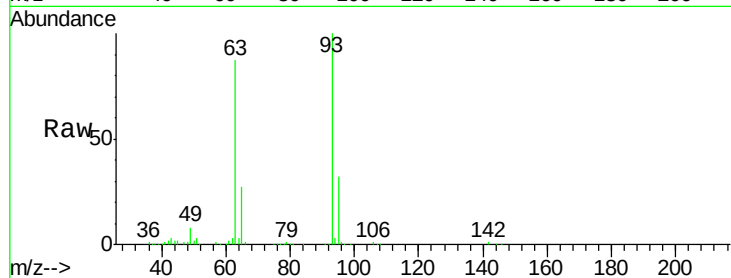
Tot Ion: 93 Resp: 493138

Ion Ratio Lower Upper

93 100

63 86.7 58.6 98.6

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 37.504 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

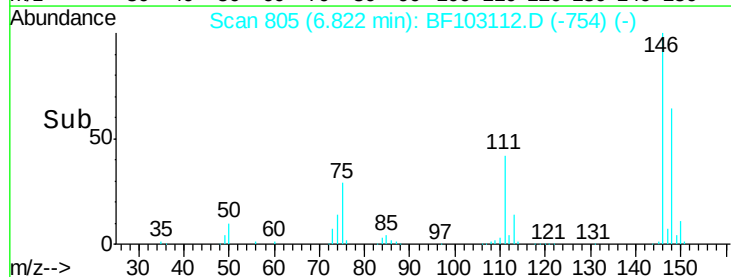
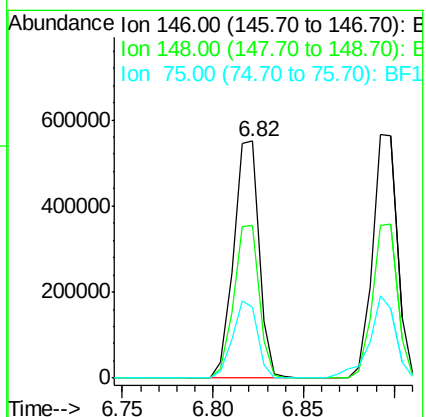
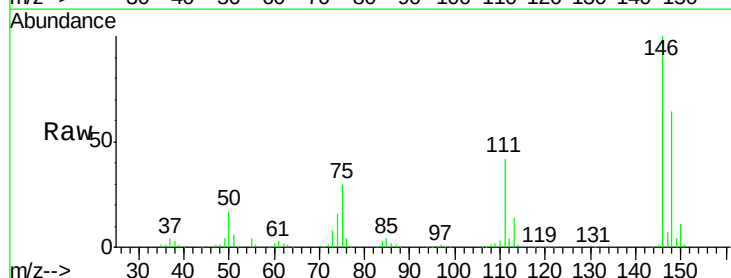
Tgt Ion: 146 Resp: 539923

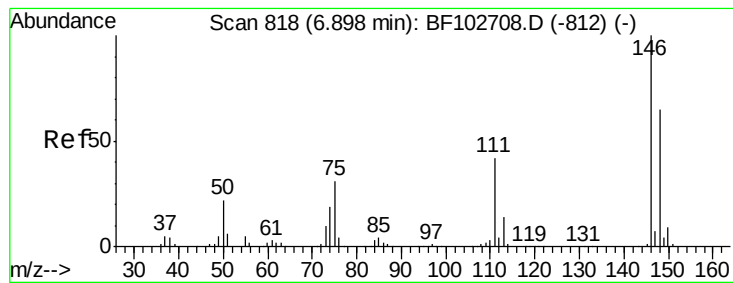
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 29.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.597 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

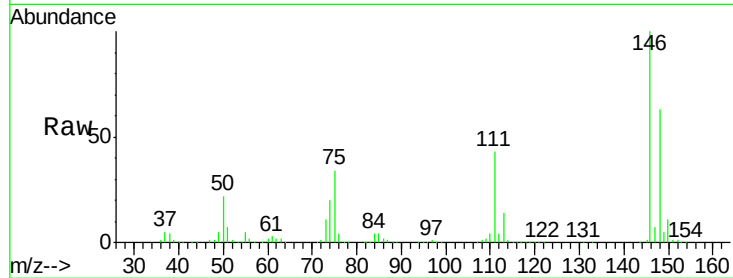
Tot Ion:146 Resp: 539171

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

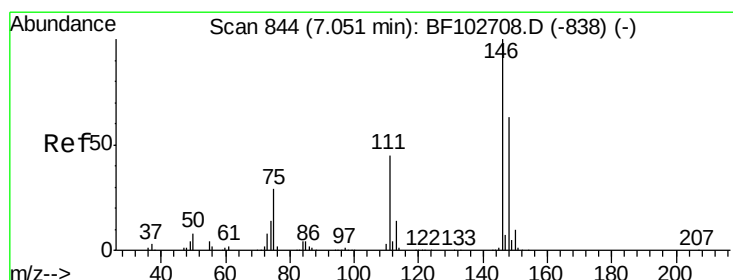
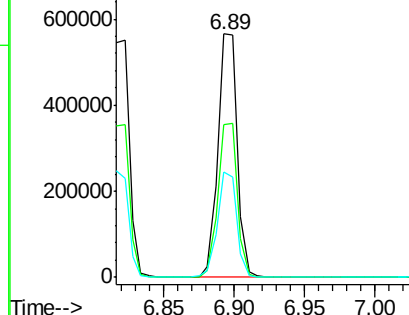
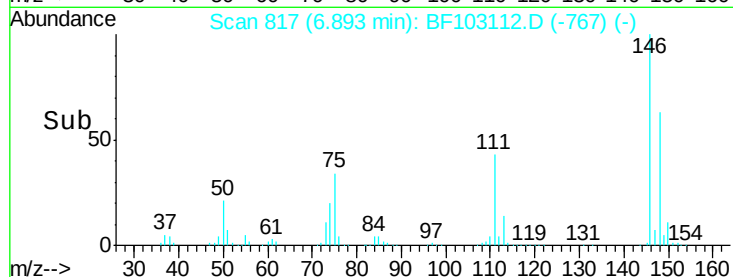
111 43.4 34.2 51.2



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: 36.867 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

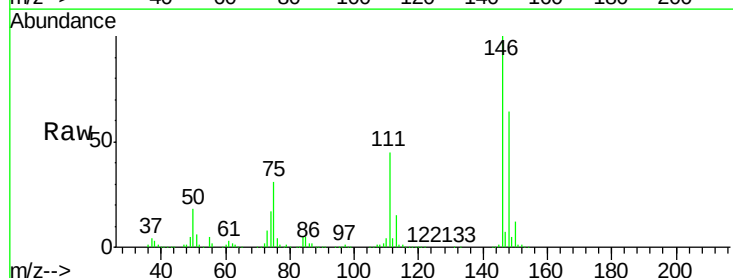
Tgt Ion:146 Resp: 492440

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

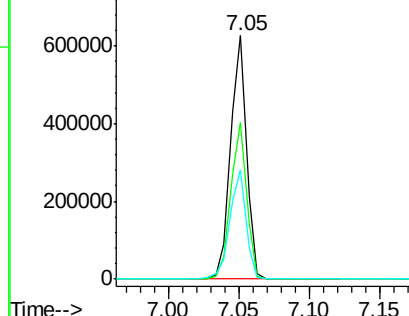
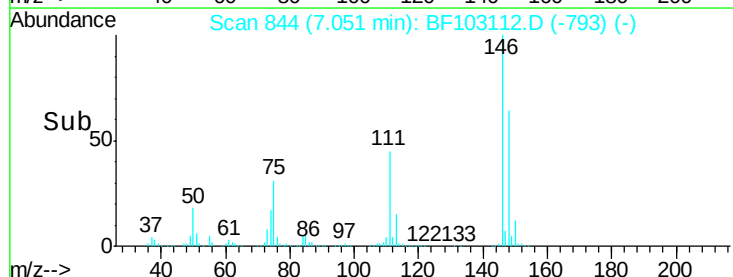
111 44.7 36.0 54.0

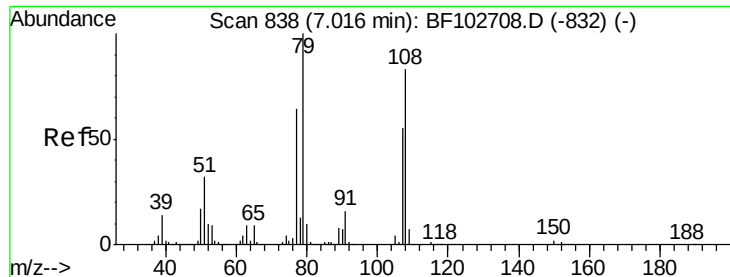


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.931 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

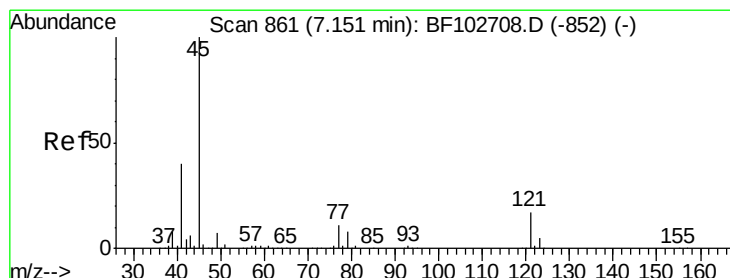
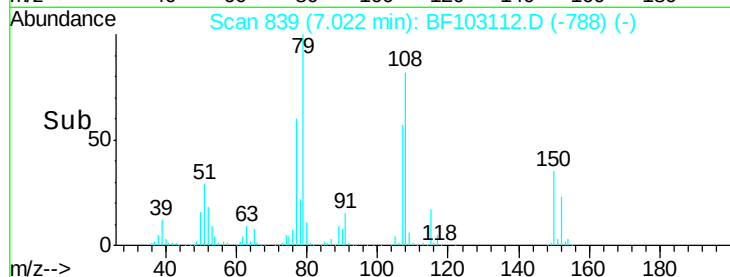
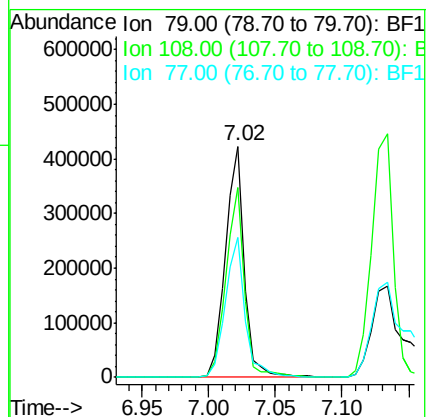
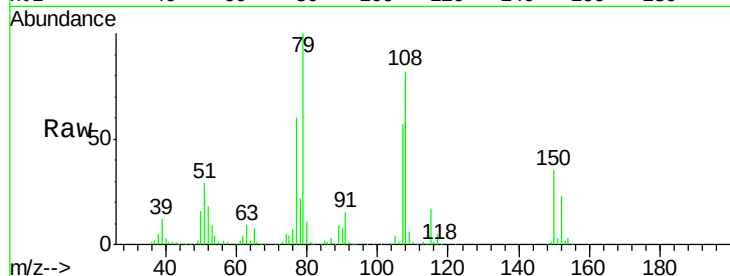
Tot Ion: 79 Resp: 424023

Ion Ratio Lower Upper

79 100

108 82.1 65.1 97.7

77 60.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.237 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

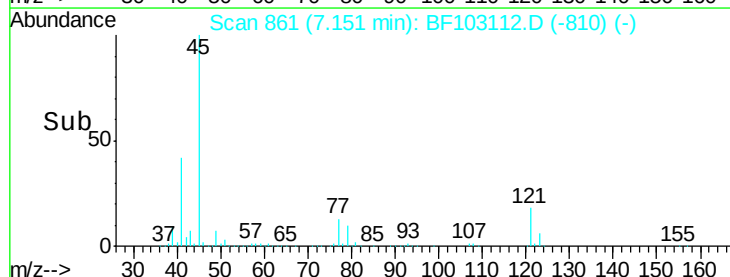
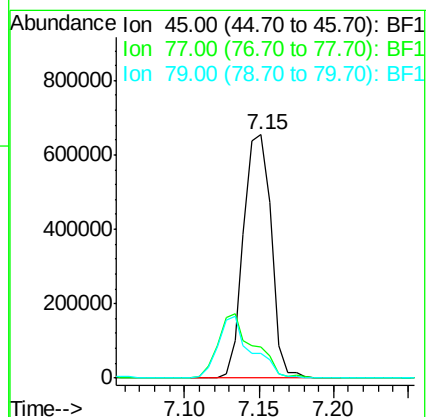
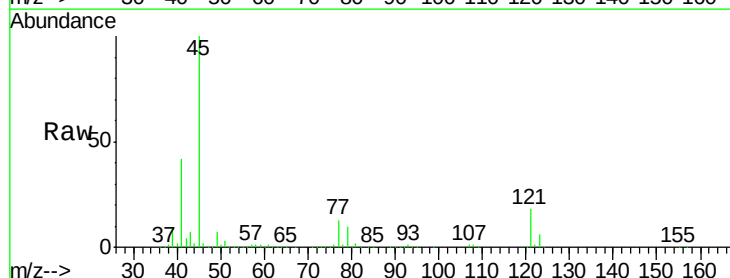
Tgt Ion: 45 Resp: 843288

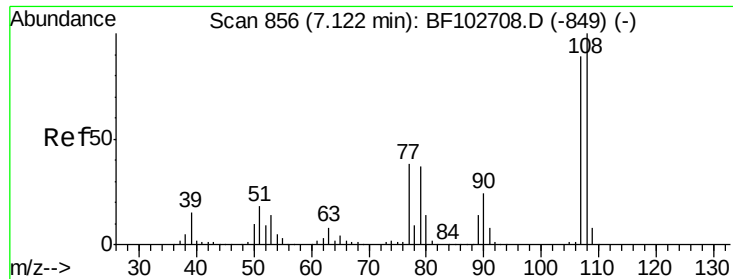
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.9

79 9.9 0.0 29.6

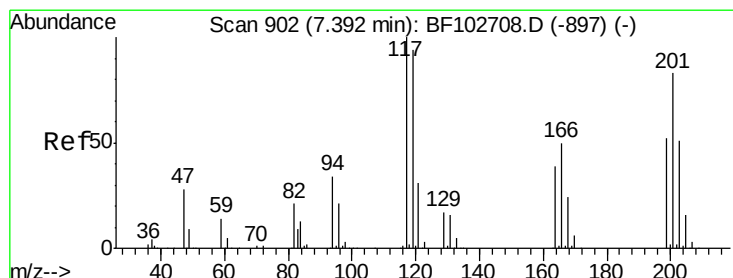
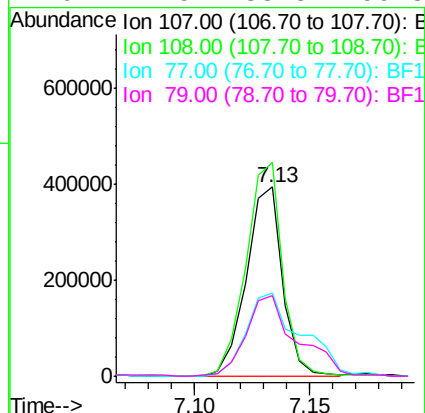
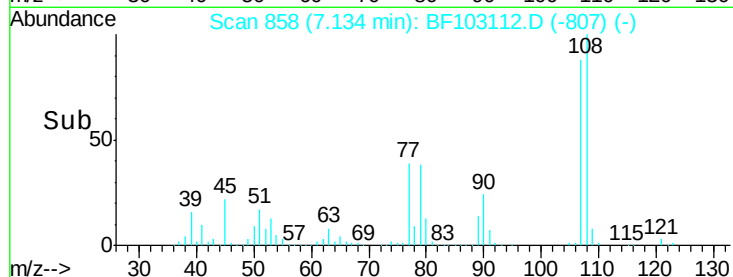
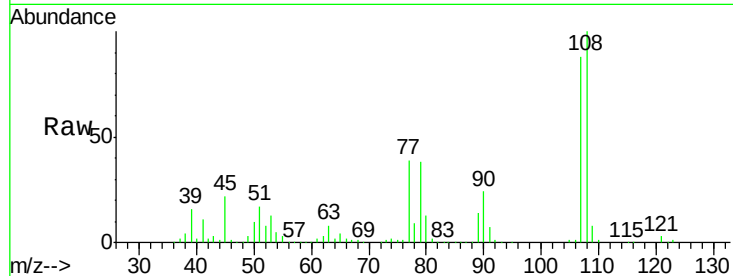




#17
2-Methylphenol
Concen: 37.585 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

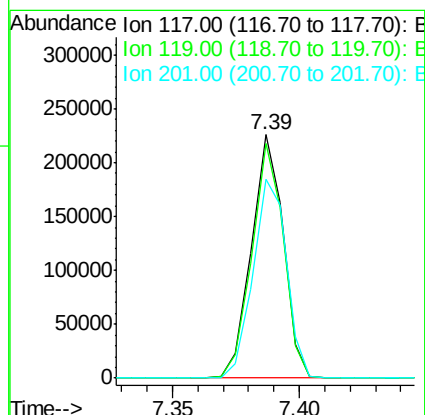
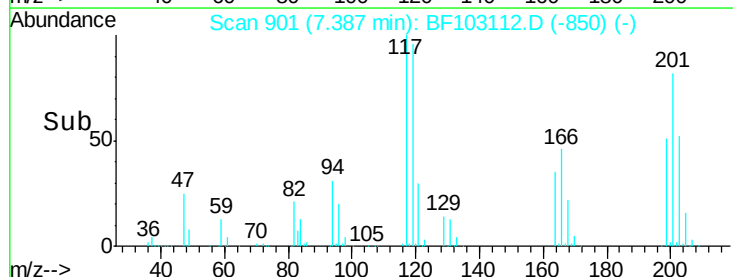
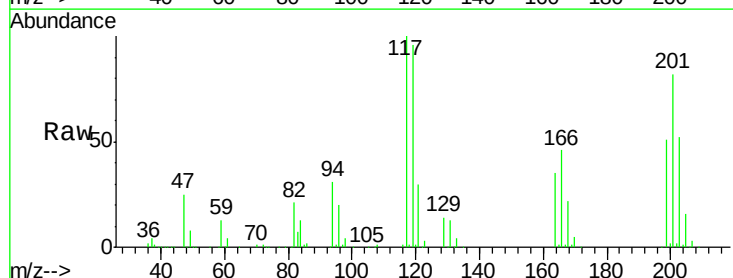
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

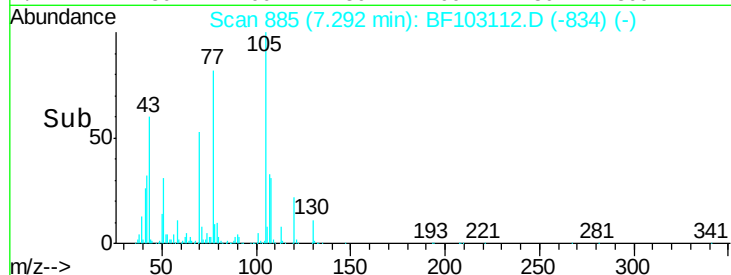
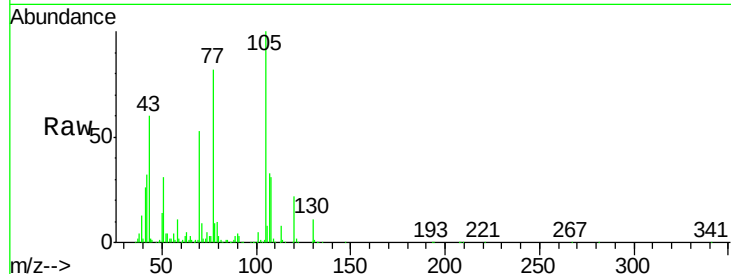
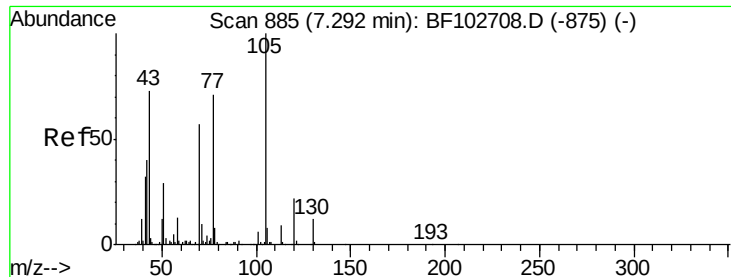
Tot Ion:107 Resp: 431002
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 44.1 33.8 50.8
79 42.5 33.8 50.8



#18
Hexachloroethane
Concen: 40.278 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Tgt Ion:117 Resp: 198076
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
201 81.8 75.7 113.5

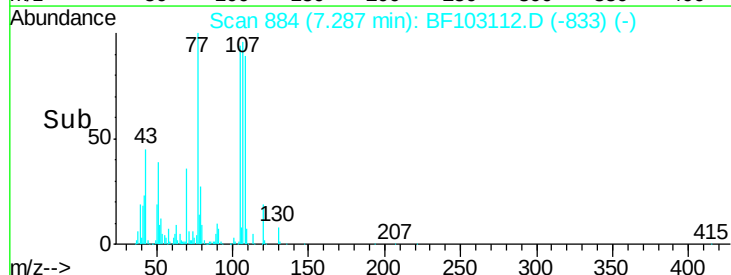
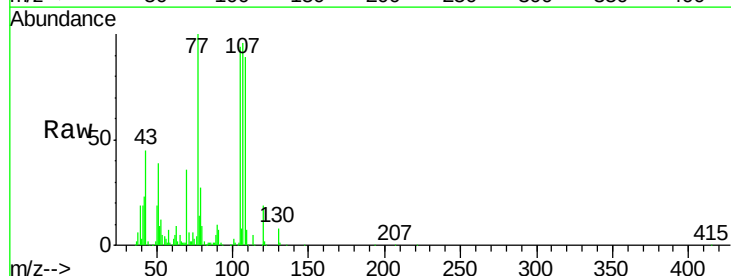
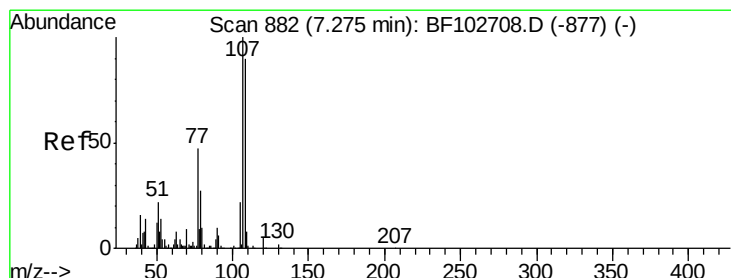
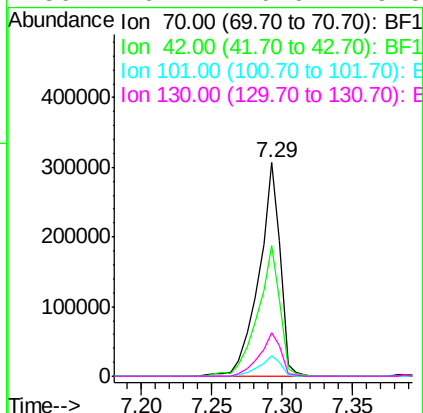




#19
n-Nitroso-di-n-propylamine
Concen: 34.201 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

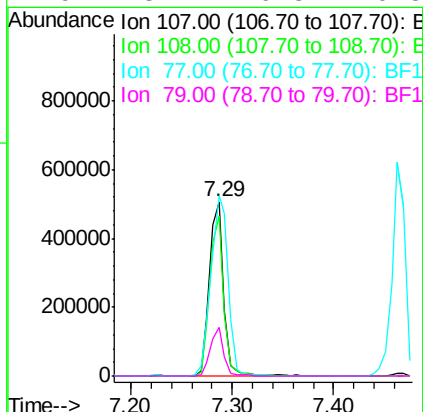
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

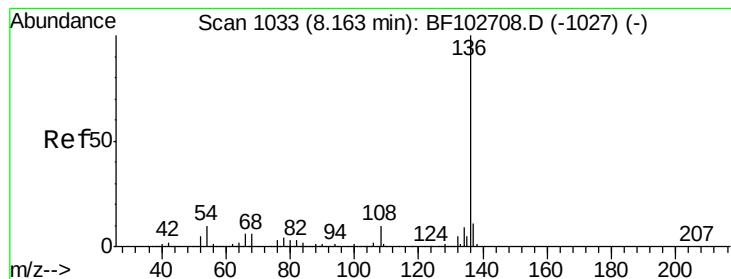
Tot Ion:	70	Resp:	327870
Ion	Ratio	Lower	Upper
70	100		
42	61.1	47.5	71.3
101	9.5	7.4	11.2
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 34.792 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Tgt Ion:	107	Resp:	492009
Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.2	108.2
77	103.7	26.7	66.7#
79	28.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 764118

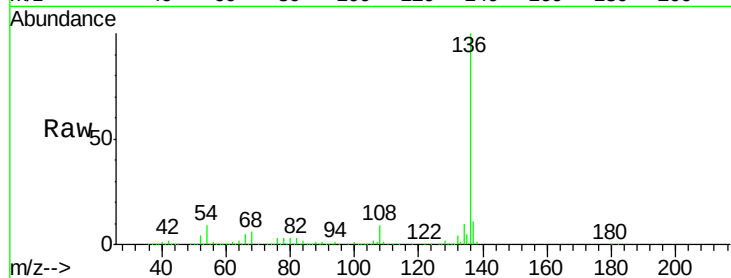
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.2 6.6 9.8

68 6.1 5.0 7.4

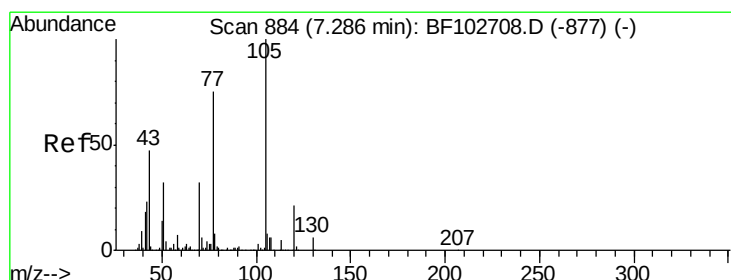
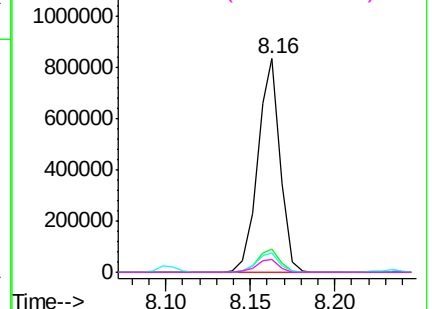
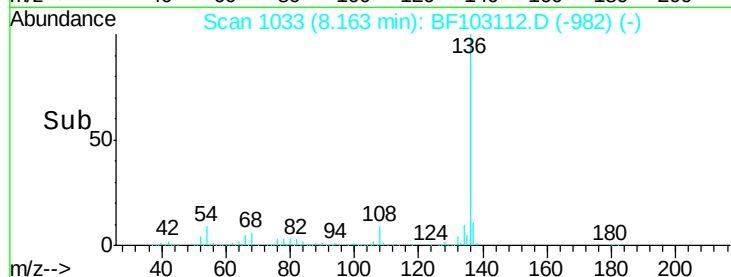


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.231 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Tgt Ion:105 Resp: 640077

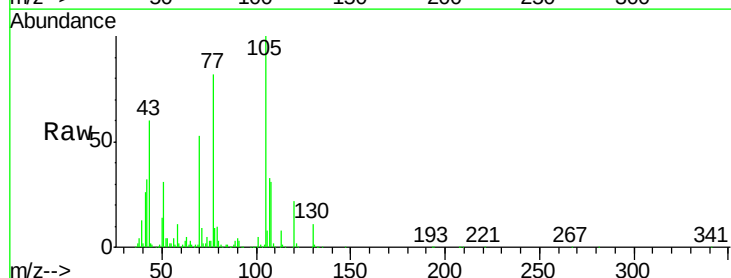
Ion Ratio Lower Upper

105 100

71 8.7 4.4 6.6#

51 31.2 22.3 33.5

120 22.3 16.9 25.3

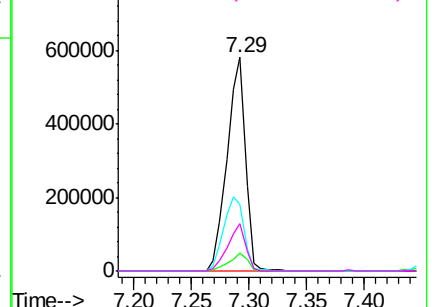
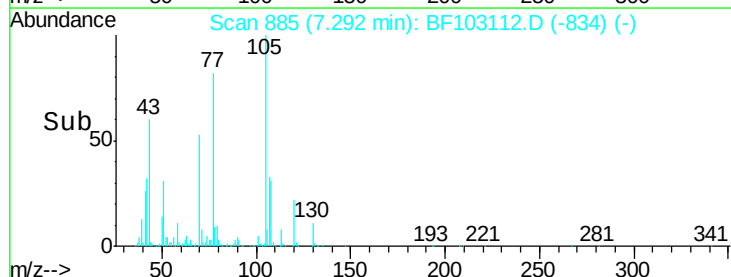


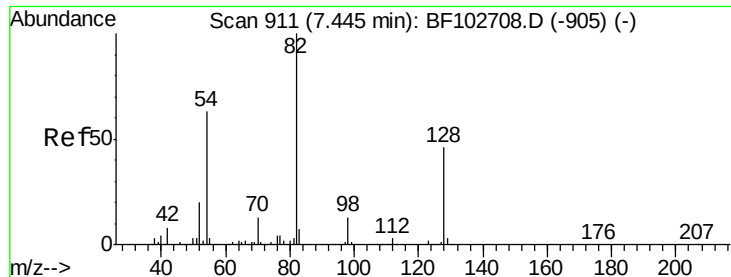
Abundance Ion 105.00 (104.70 to 105.70): E

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

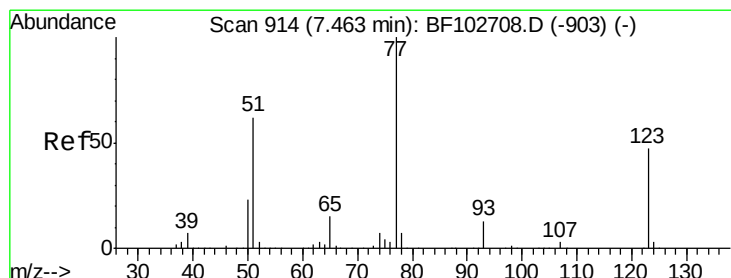
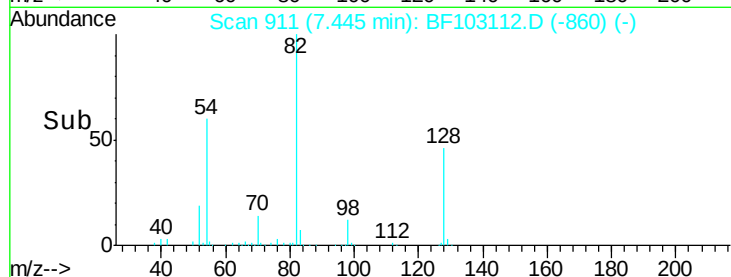
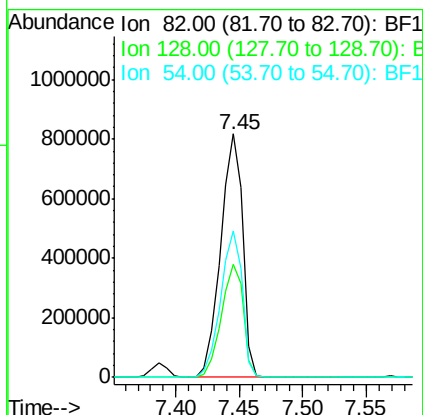
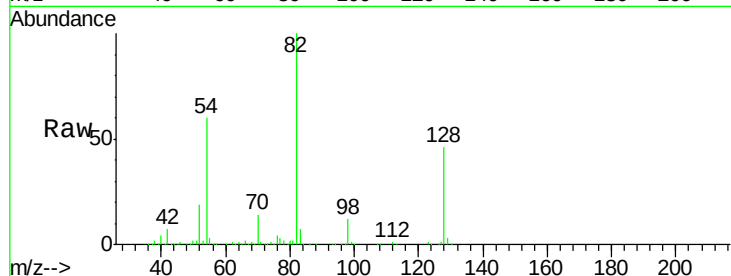




#23
Nitrobenzene-d5
Concen: 89.579 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

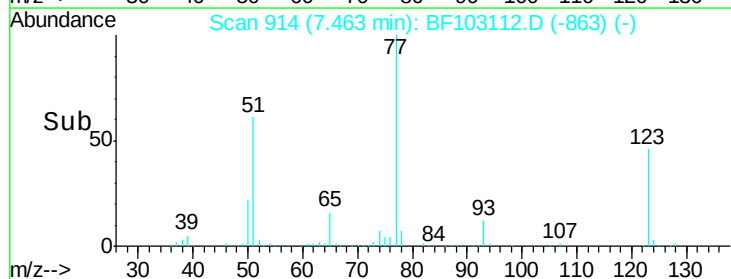
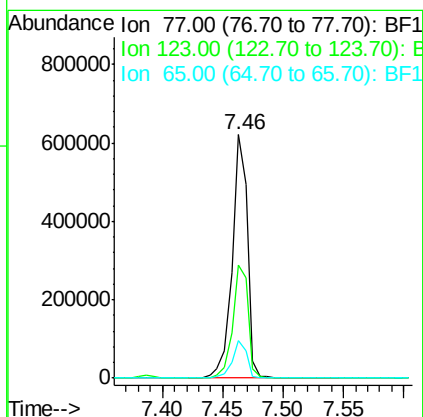
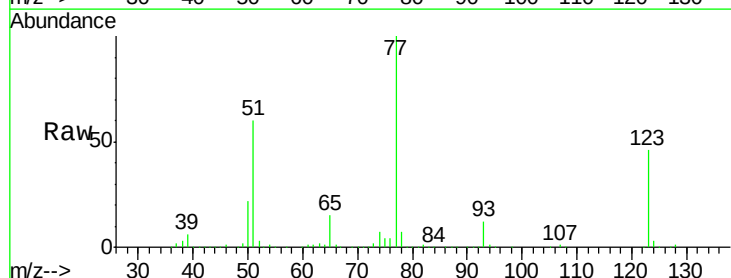
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

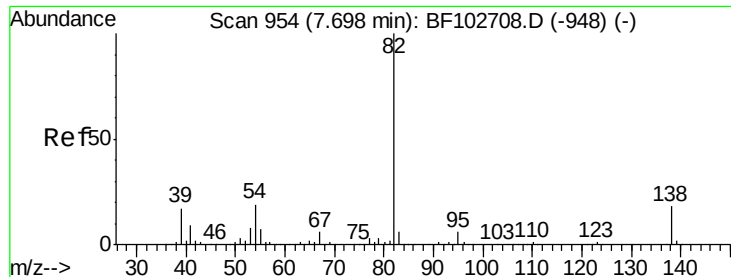
Tot Ion: 82 Resp: 986718
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 60.3 41.4 62.2



#24
Nitrobenzene
Concen: 41.771 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Tgt Ion: 77 Resp: 541288
Ion Ratio Lower Upper
77 100
123 46.2 37.9 56.9
65 15.2 11.0 16.4





#25

Isophorone

Concen: 37.416 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

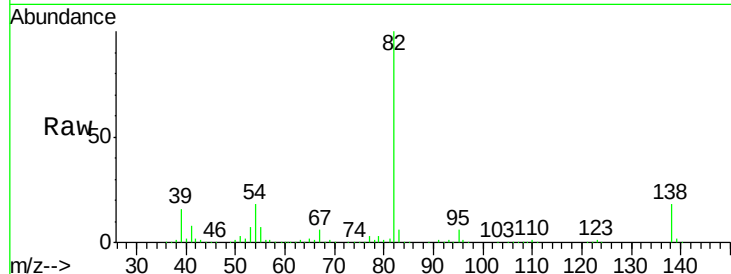
Tot Ion: 82 Resp: 949001

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

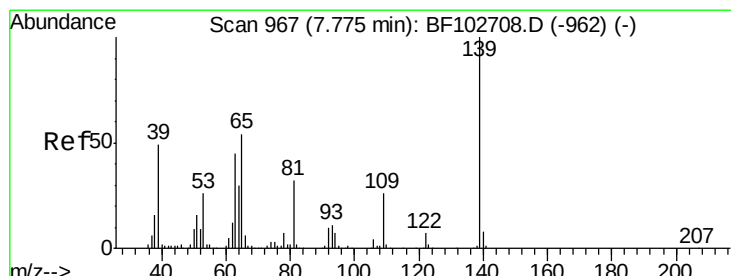
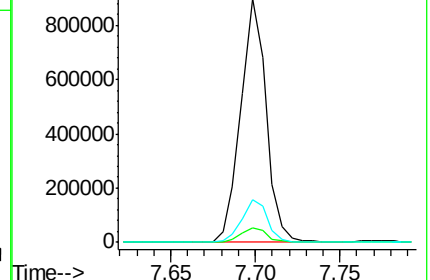
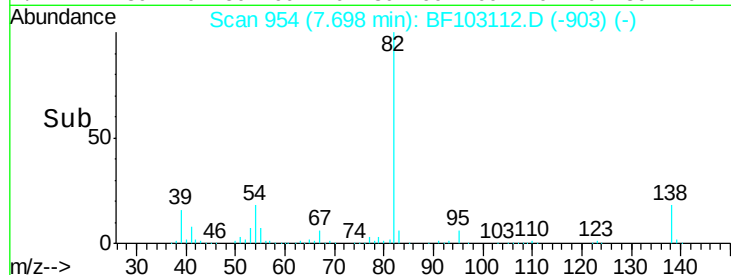
138 17.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.071 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

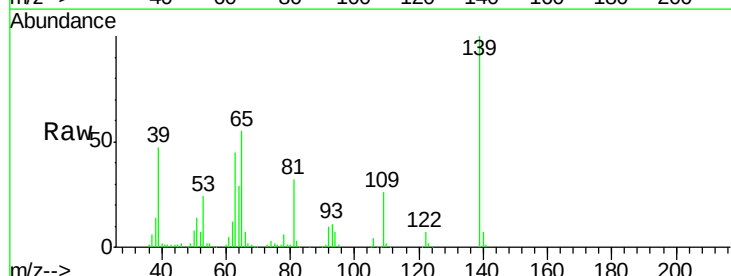
Tgt Ion: 139 Resp: 275456

Ion Ratio Lower Upper

139 100

109 26.3 22.7 34.1

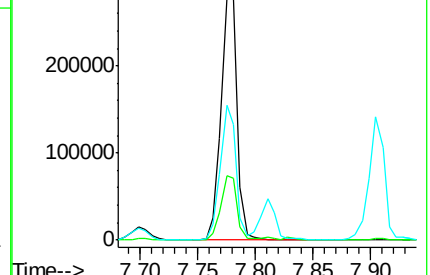
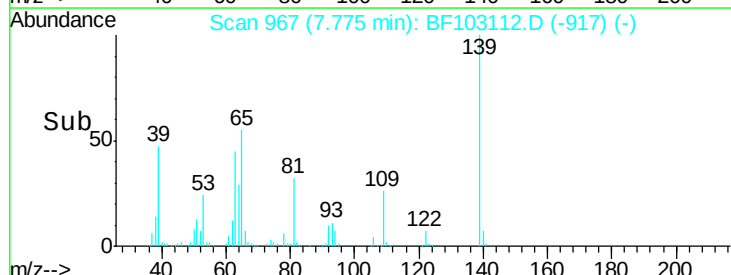
65 55.5 40.5 60.7

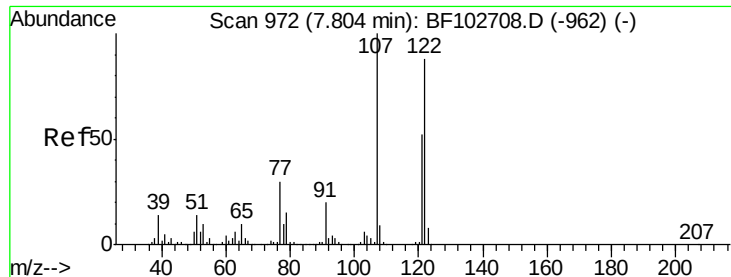


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.303 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

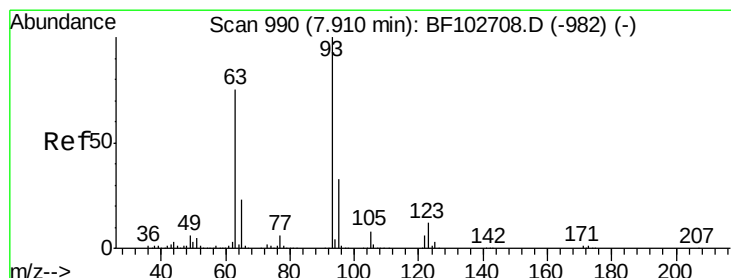
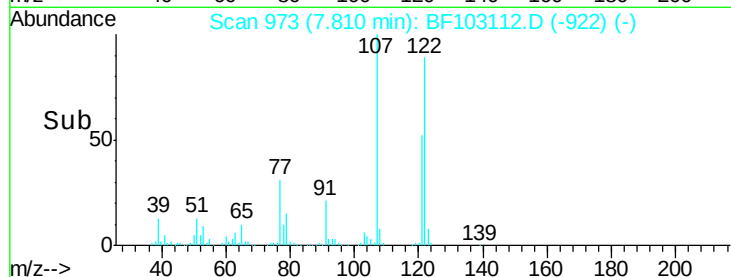
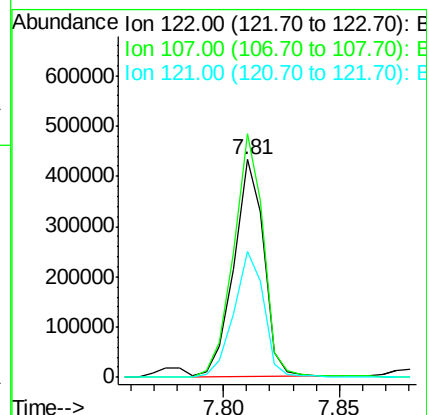
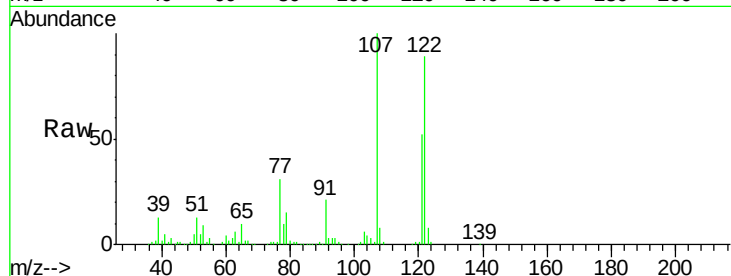
Tot Ion:122 Resp: 389016

Ion Ratio Lower Upper

122 100

107 111.8 91.2 136.8

121 57.7 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.039 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

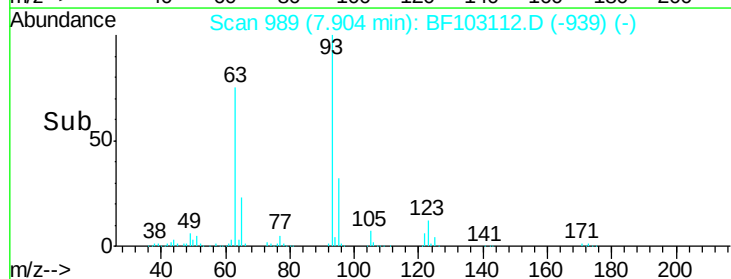
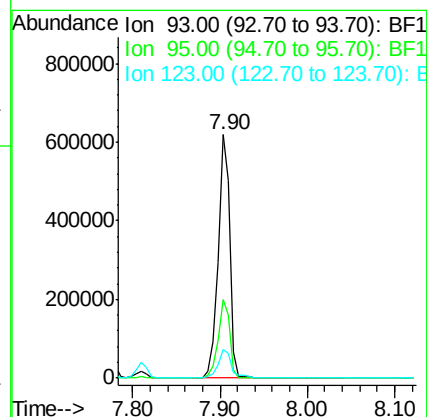
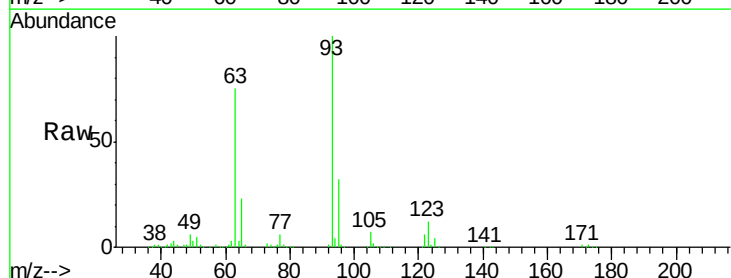
Tgt Ion: 93 Resp: 571539

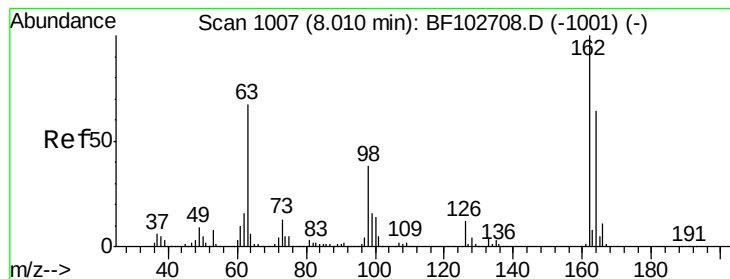
Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

123 11.7 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 39.588 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

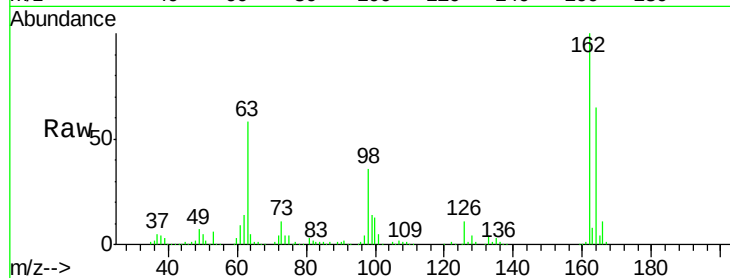
Tot Ion:162 Resp: 385639

Ion Ratio Lower Upper

162 100

164 64.6 42.7 82.7

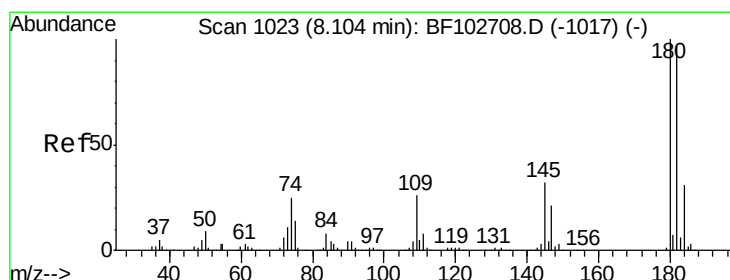
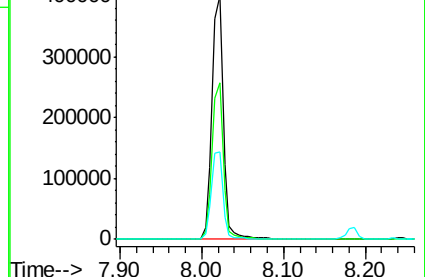
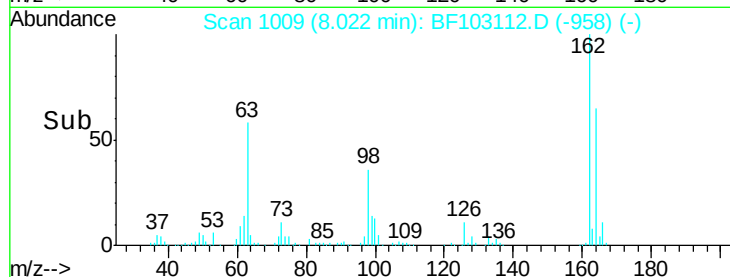
98 35.7 18.1 58.1



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: 37.254 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

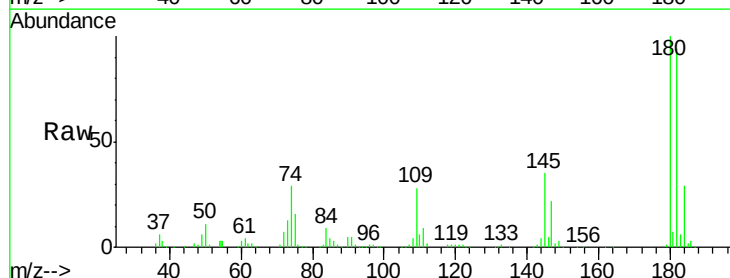
Tgt Ion:180 Resp: 410538

Ion Ratio Lower Upper

180 100

182 93.8 76.8 115.2

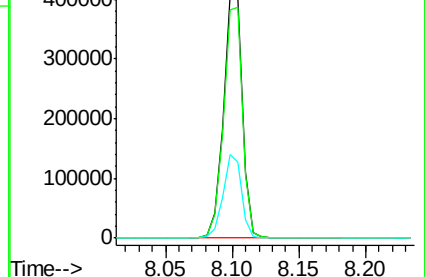
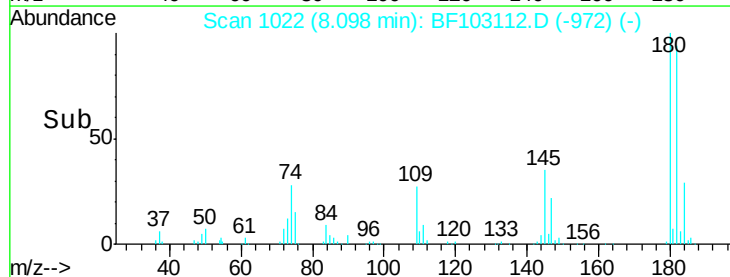
145 34.6 26.5 39.7

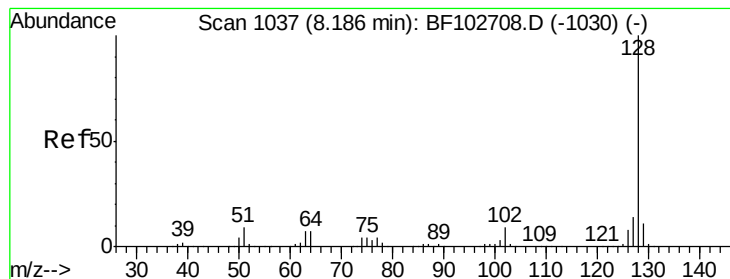


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.535 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

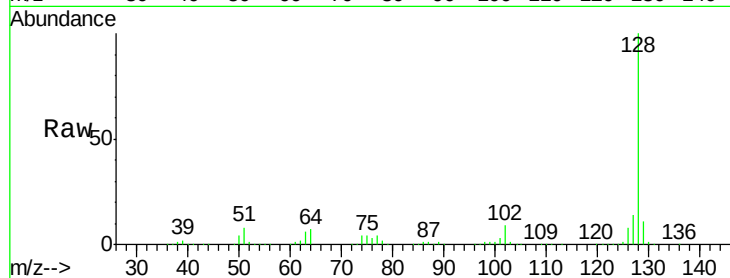
Tot Ion:128 Resp: 1363976

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

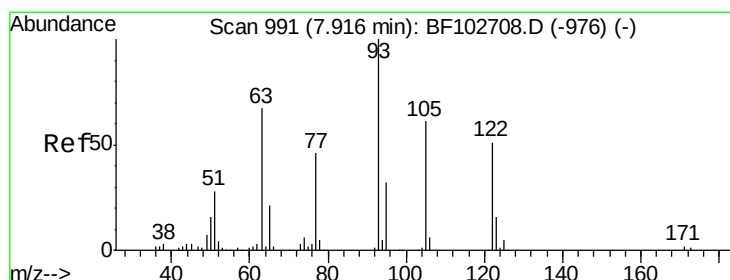
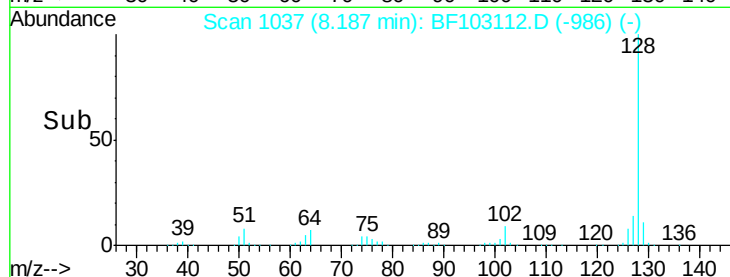
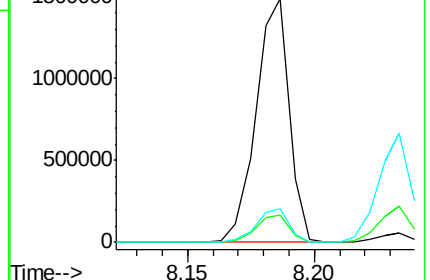
127 13.7 10.9 16.3



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: 27.219 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

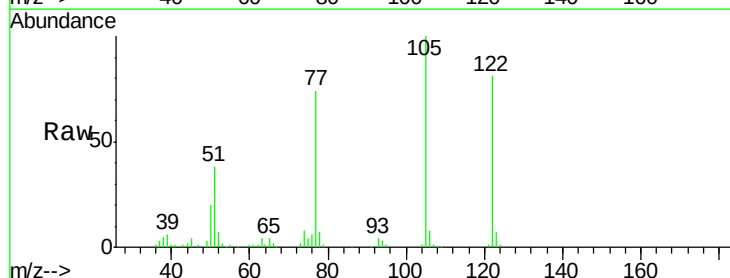
Tgt Ion:122 Resp: 158200

Ion Ratio Lower Upper

122 100

105 123.7 101.1 141.1

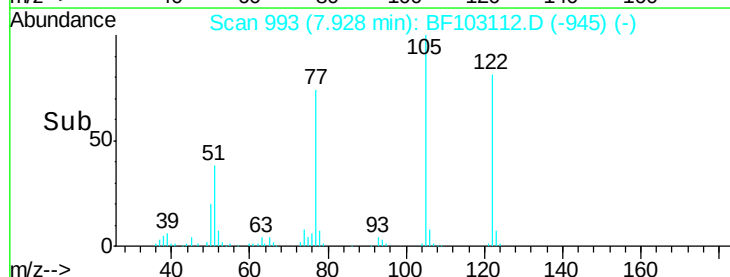
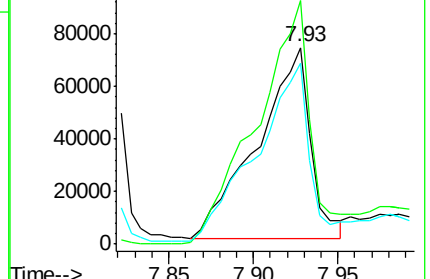
77 91.8 70.7 110.7

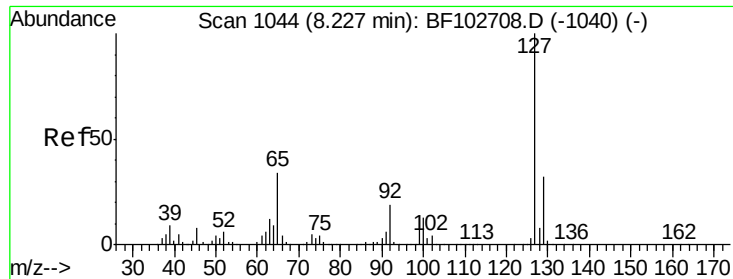


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

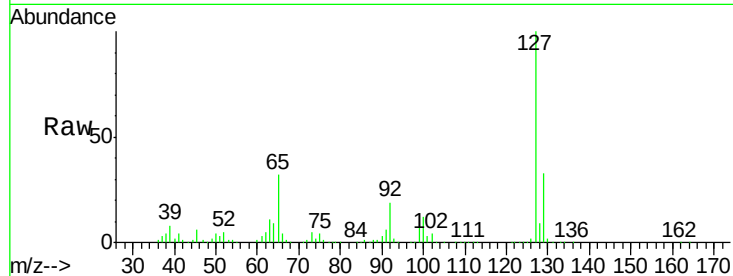




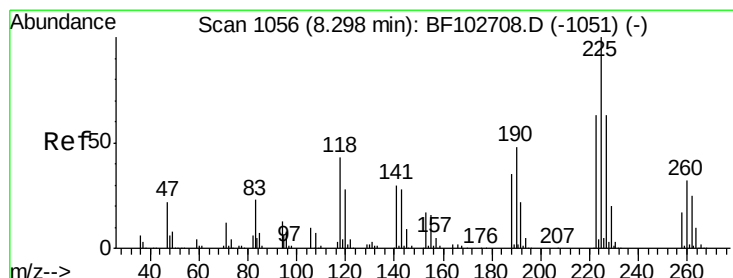
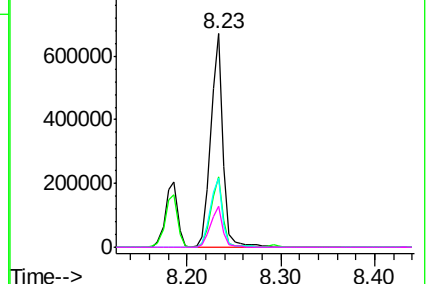
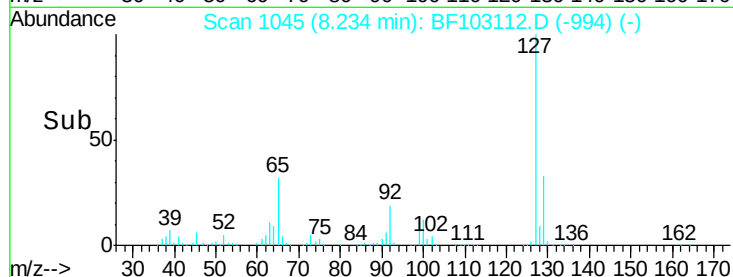
#33
4-Chloroaniline
Concen: 38.522 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	619552
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	32.3	25.0	37.4
92	19.5	15.2	22.8

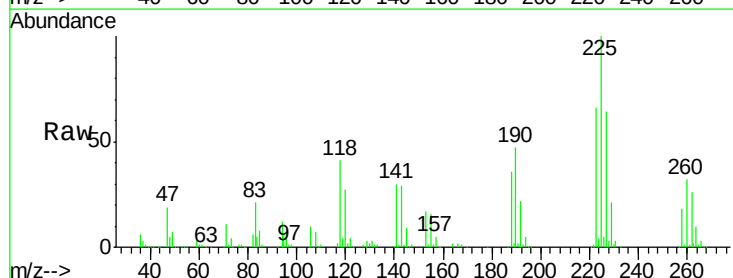


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

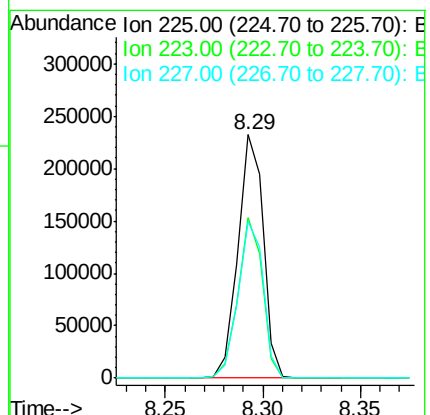
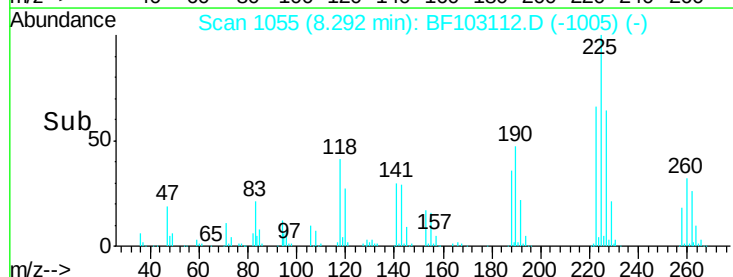


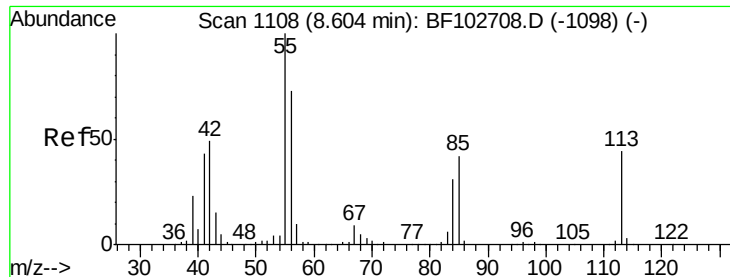
#34
Hexachlorobutadiene
Concen: 37.050 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Tgt Ion:	225	Resp:	209222
Ion	Ratio	Lower	Upper
225	100		
223	65.7	50.6	76.0
227	64.4	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

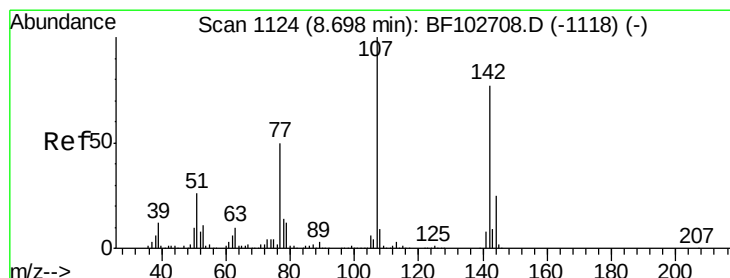
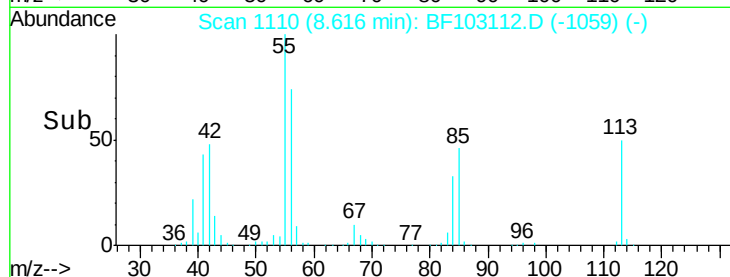
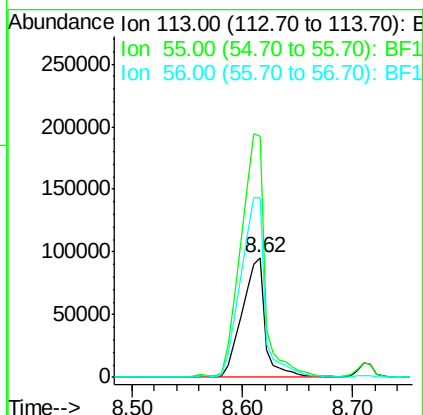
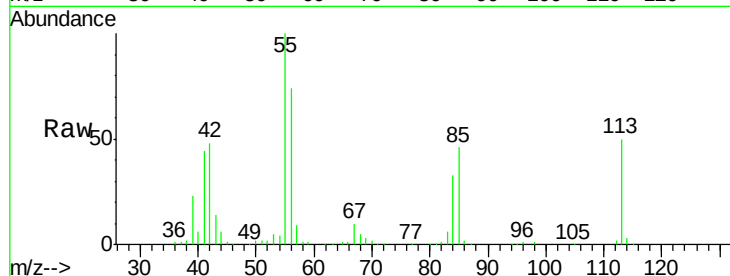




#35
 Caprolactam
 Concen: 41.848 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

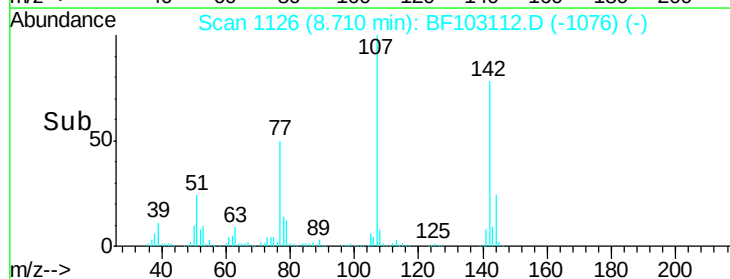
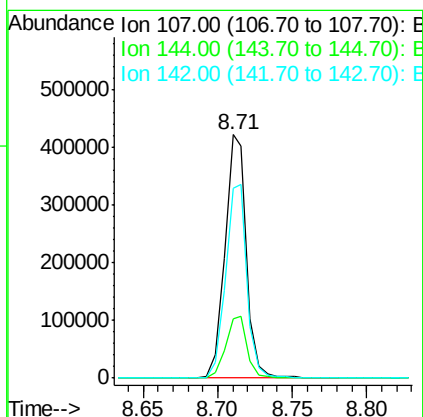
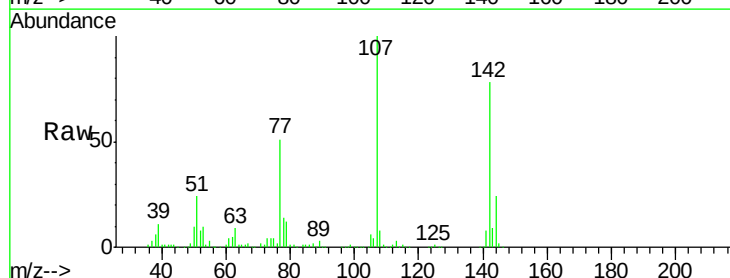
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

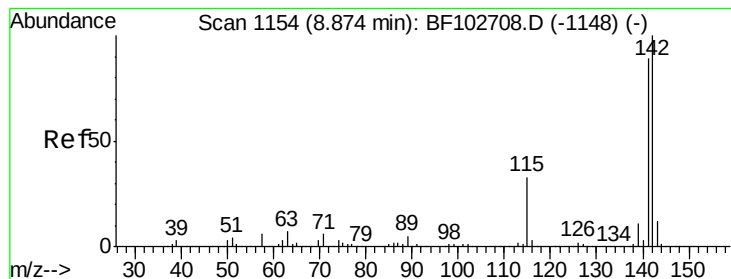
Tot Ion:113 Resp: 141573
 Ion Ratio Lower Upper
 113 100
 55 200.7 163.3 203.3
 56 149.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.333 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Tgt Ion:107 Resp: 430504
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.5 30.7
 142 78.0 62.0 93.0





#37

2-Methylnaphthalene

Concen: 36.232 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

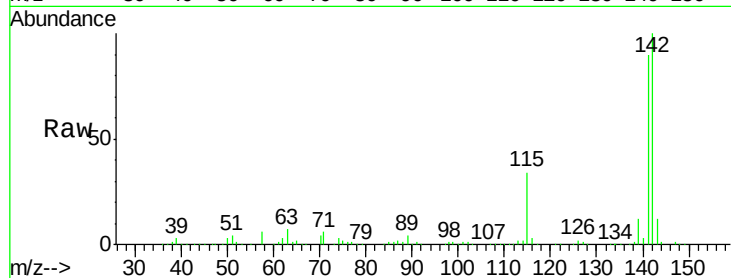
Tot Ion:142 Resp: 885593

Ion Ratio Lower Upper

142 100

141 89.7 70.8 106.2

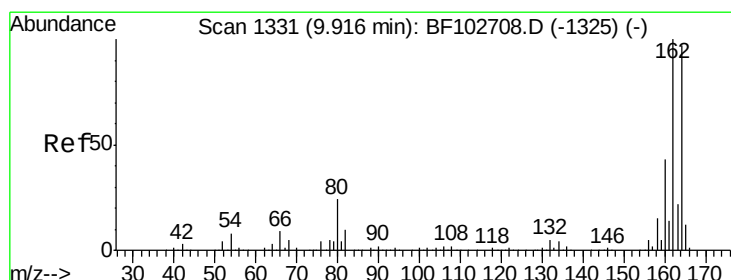
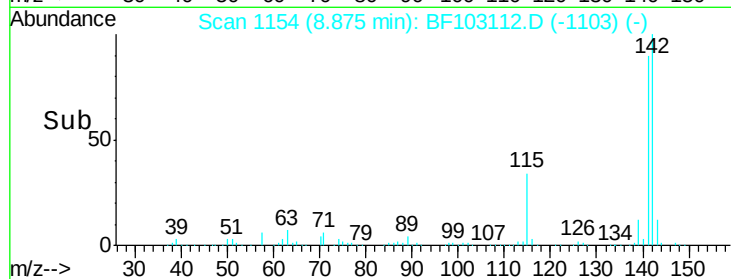
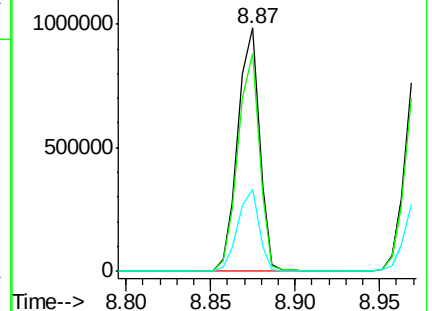
115 33.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

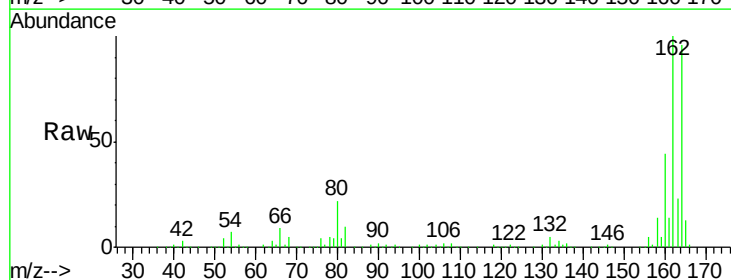
Tgt Ion:164 Resp: 347114

Ion Ratio Lower Upper

164 100

162 103.9 86.1 129.1

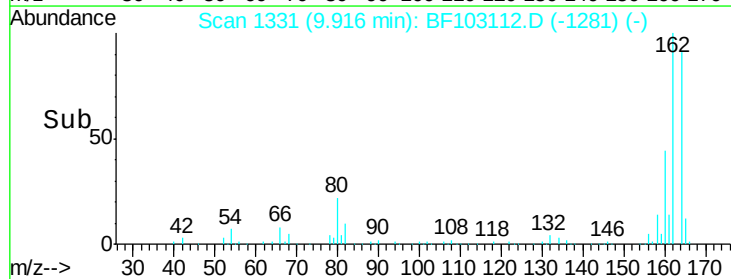
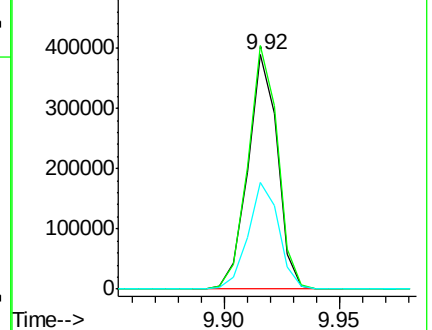
160 45.3 38.3 57.5

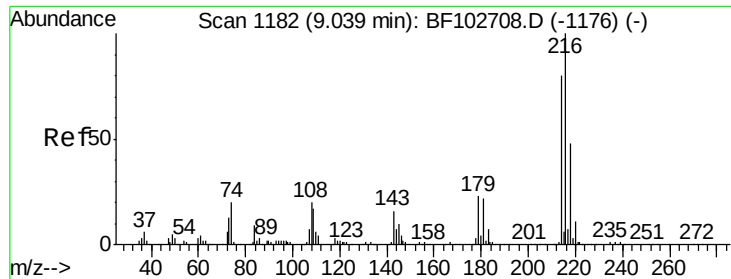


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

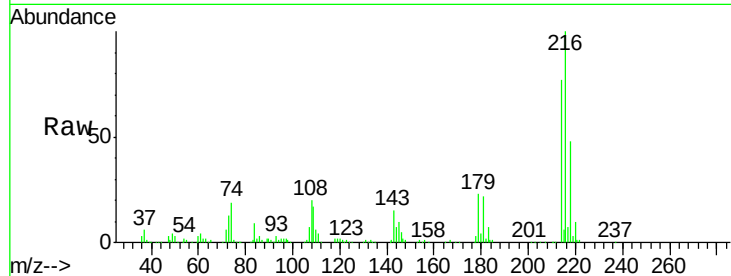




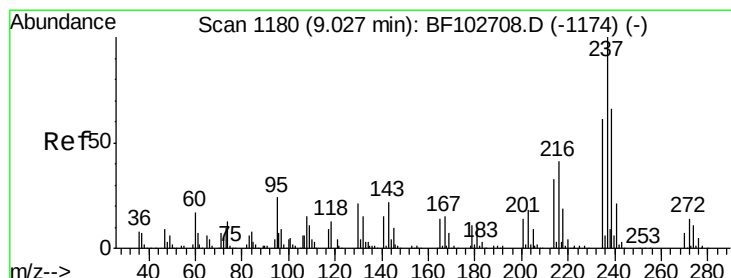
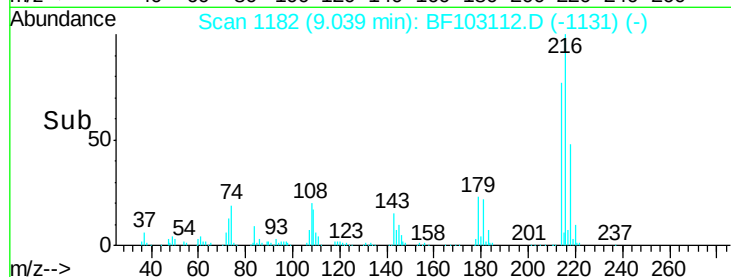
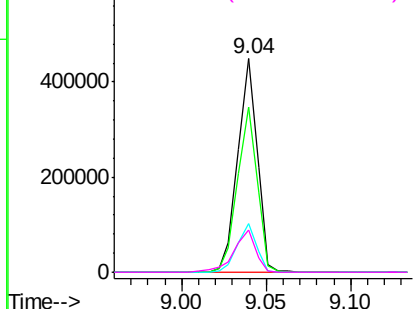
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.188 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	360924
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	22.8	18.1	27.1
108	22.3	17.2	25.8

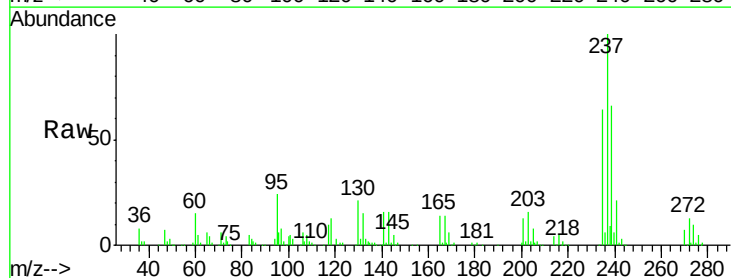


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

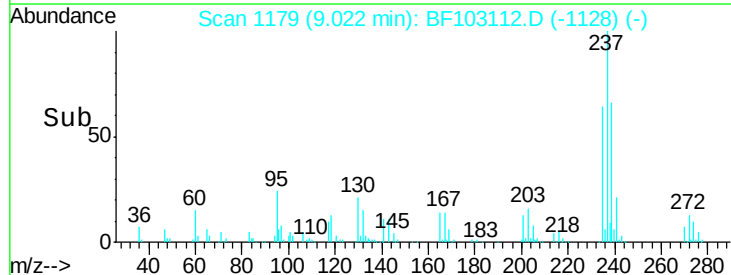
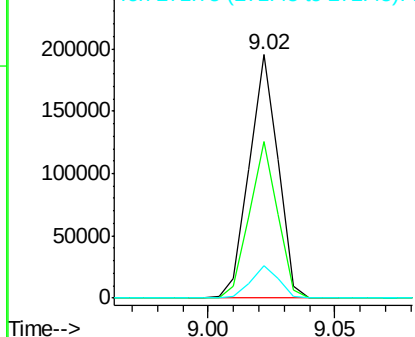


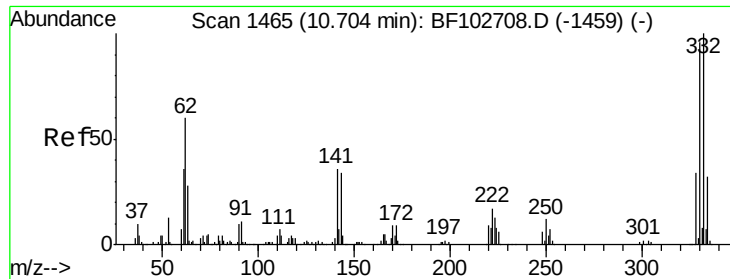
#40
 Hexachlorocyclopentadiene
 Concen: 34.304 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Tgt Ion:	237	Resp:	154125
Ion	Ratio	Lower	Upper
237	100		
235	64.1	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

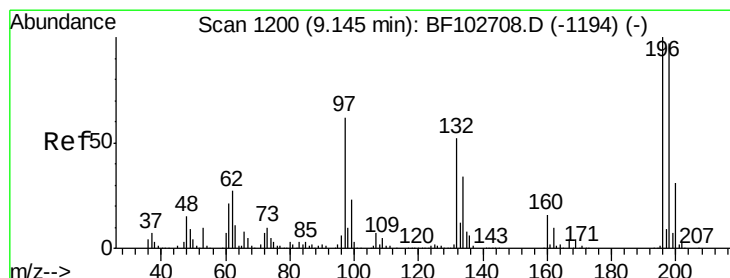
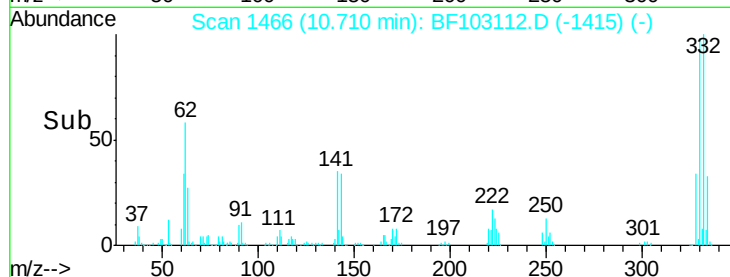
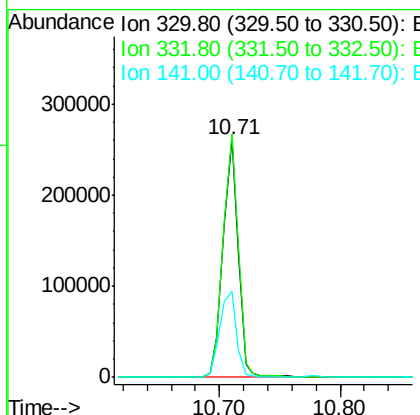
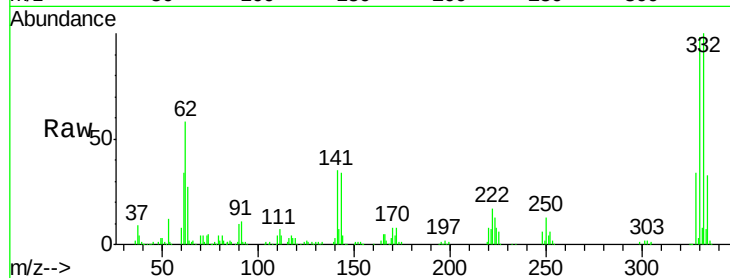




#41
 2,4,6-Tribromophenol
 Concen: 81.887 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

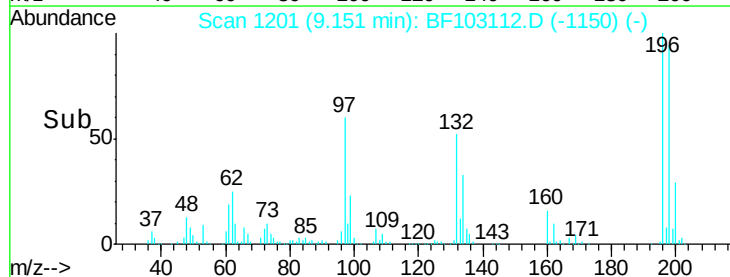
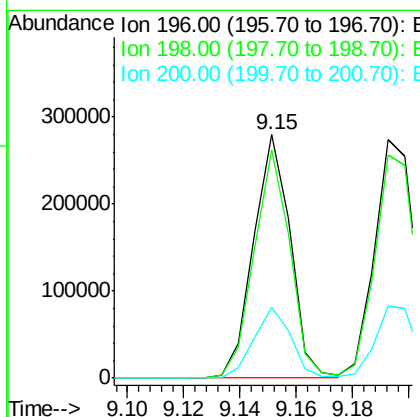
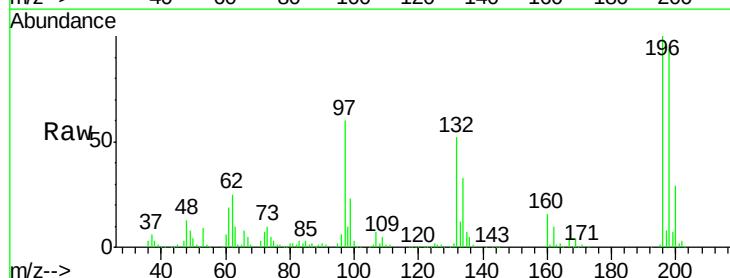
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

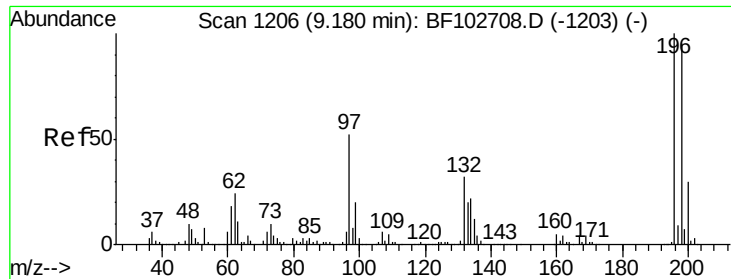
Tot Ion:330 Resp: 228782
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.0 115.6
 141 39.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 40.848 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Tgt Ion:196 Resp: 253578
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 200 28.9 24.5 36.7

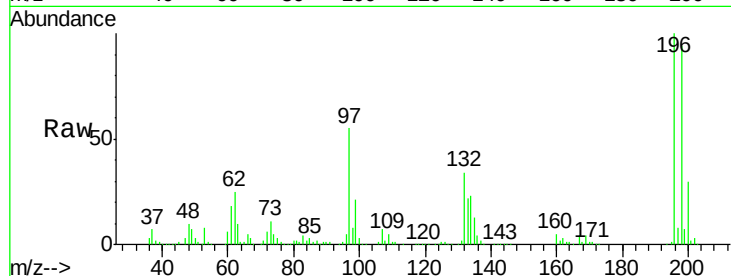




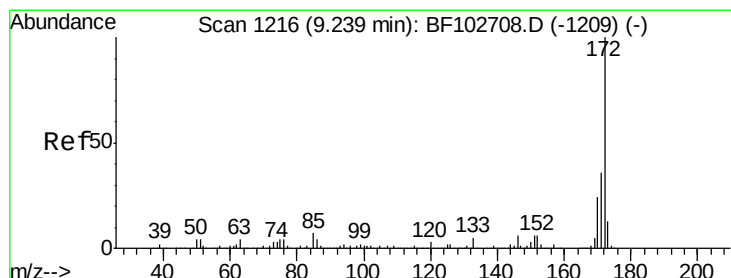
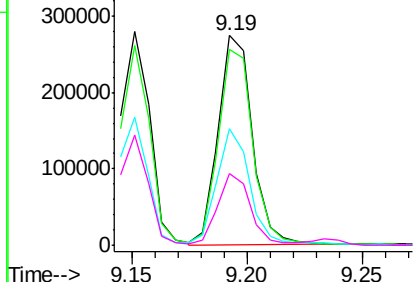
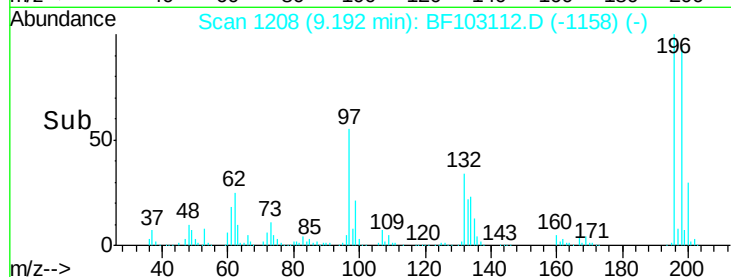
#43
 2,4,5-Trichlorophenol
 Concen: 40.070 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	280364
Ion	Ratio	Lower	Upper
196	100		
198	93.5	74.6	112.0
97	55.4	42.9	64.3
132	34.0	26.3	39.5

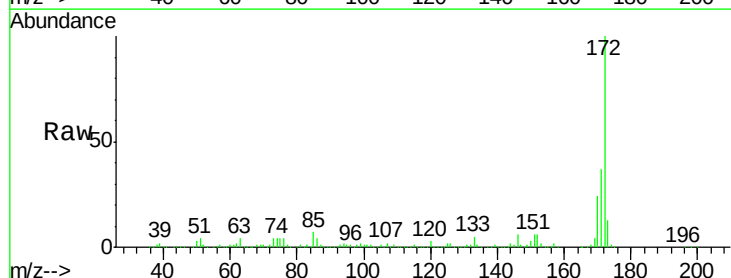


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

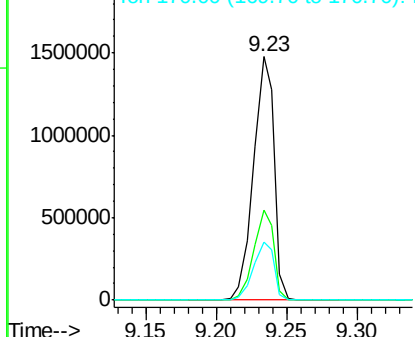
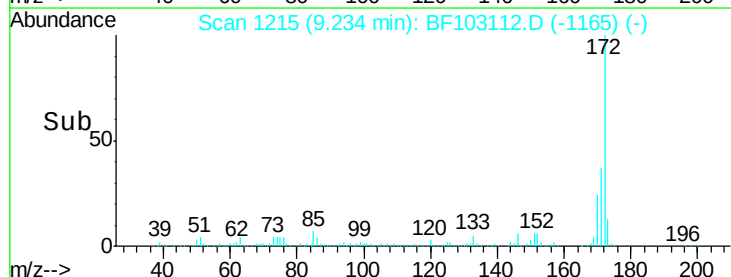


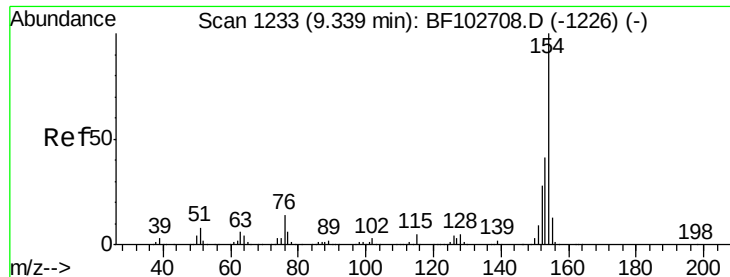
#44
 2-Fluorobiphenyl
 Concen: 72.760 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Tgt Ion:	172	Resp:	1522044
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.1	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: 36.386 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

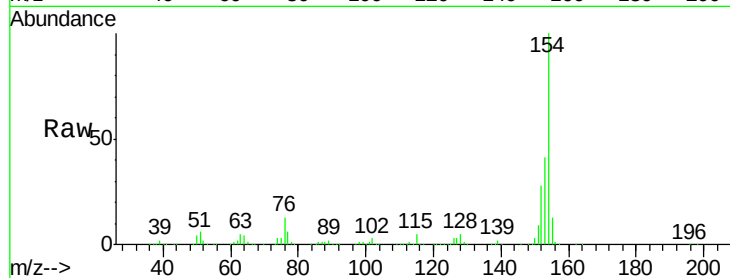
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1063784

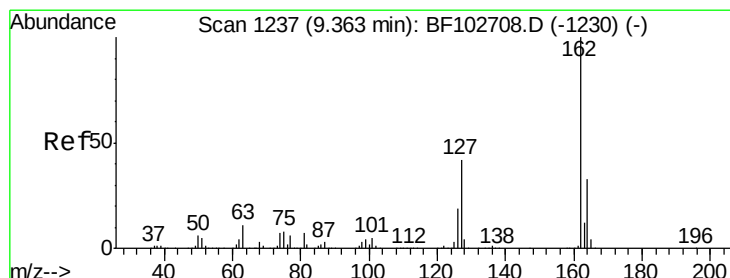
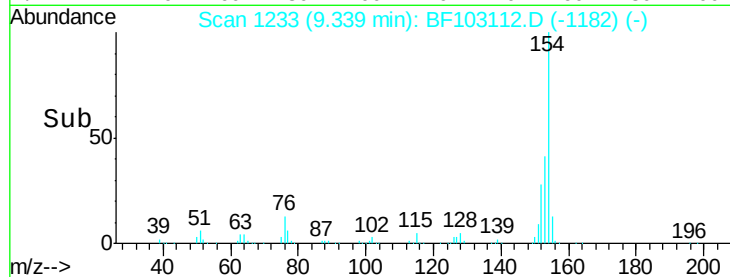
Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.3	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.487 ng

RT: 9.36 min Scan# 1237

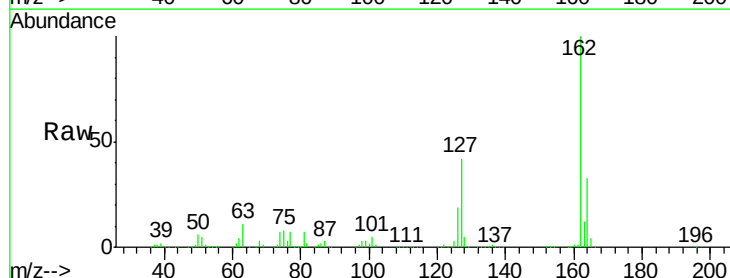
Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Tgt Ion:162 Resp: 862844

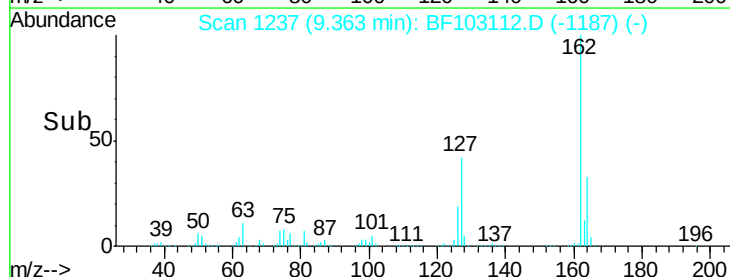
Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.9	50.9
164	33.0	26.5	39.7

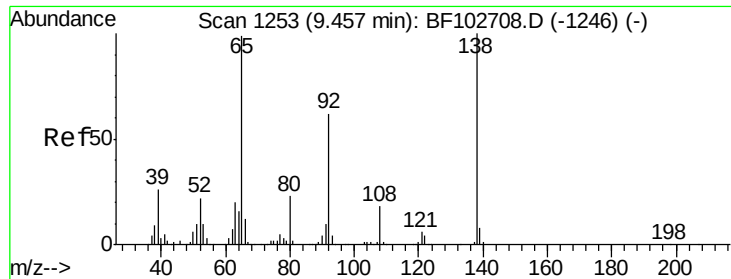


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

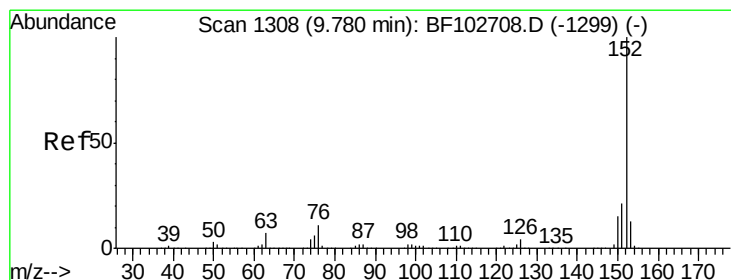
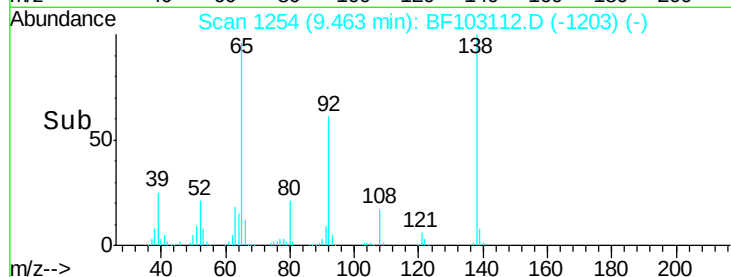
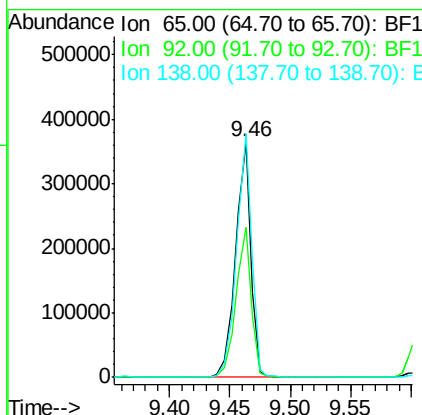
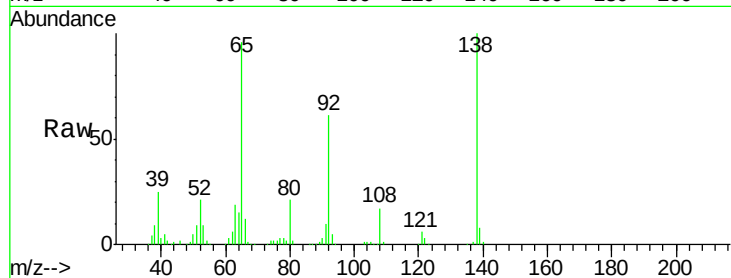




#47
2-Nitroaniline
Concen: 45.692 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

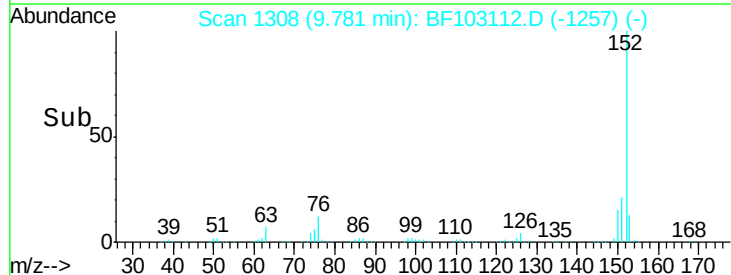
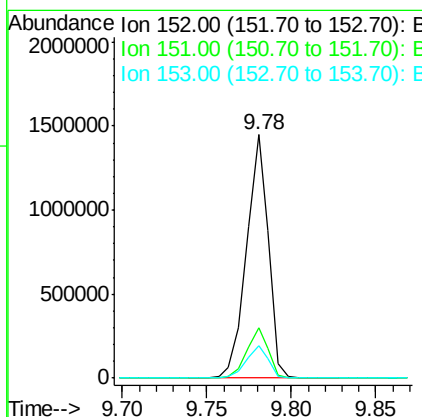
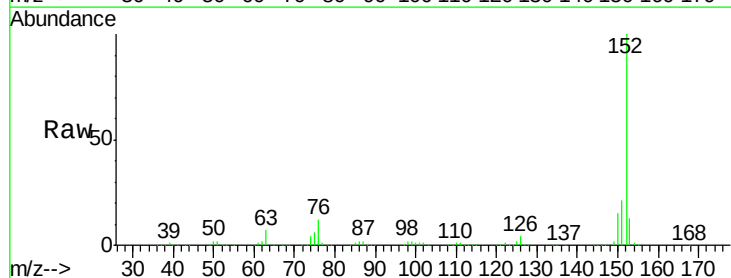
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

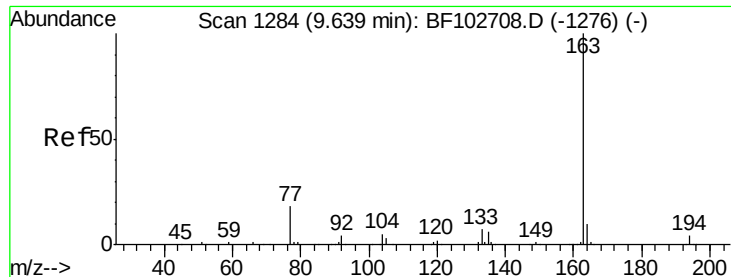
Tot Ion: 65 Resp: 323246
Ion Ratio Lower Upper
65 100
92 63.8 55.8 83.6
138 103.8 91.2 136.8



#48
Acenaphthylene
Concen: 36.509 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Tgt Ion: 152 Resp: 1305182
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 38.116 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

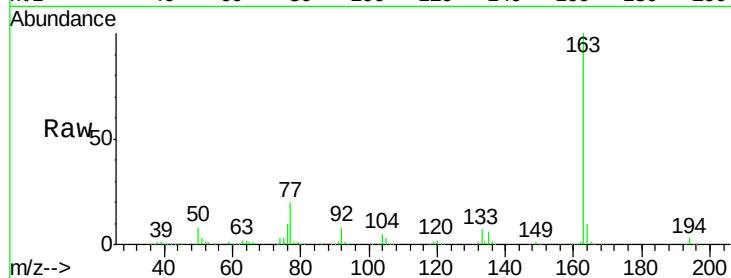
Tot Ion:163 Resp: 1031628

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

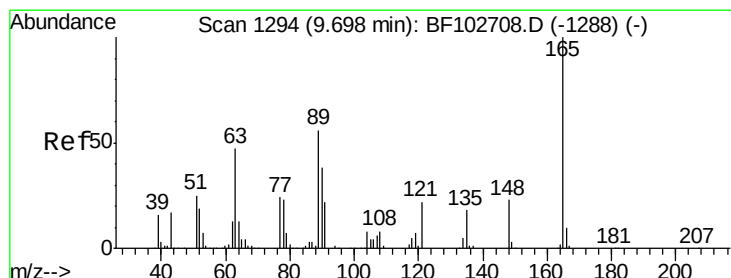
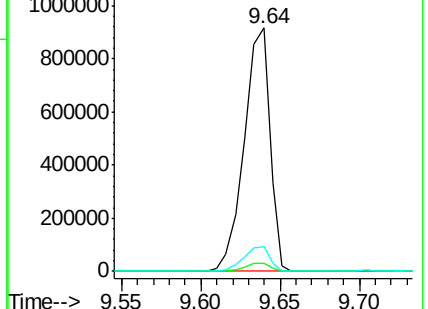
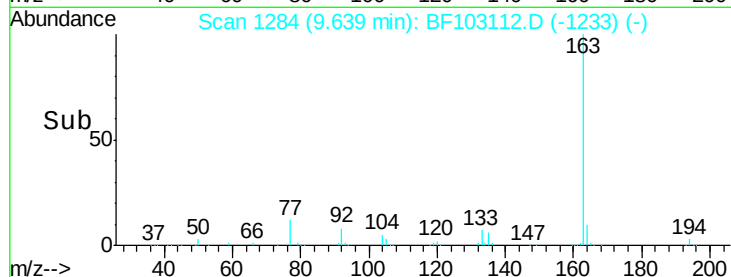
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.600 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

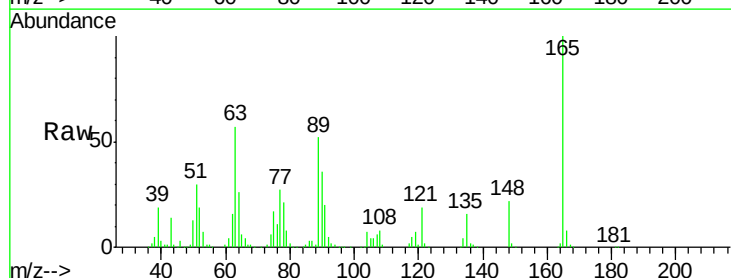
Tgt Ion:165 Resp: 229656

Ion Ratio Lower Upper

165 100

63 57.3 44.7 67.1

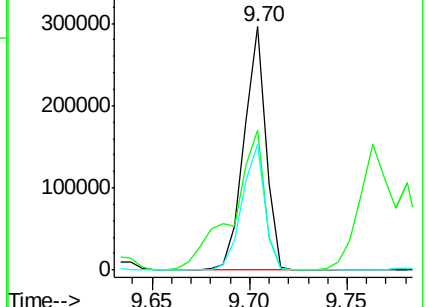
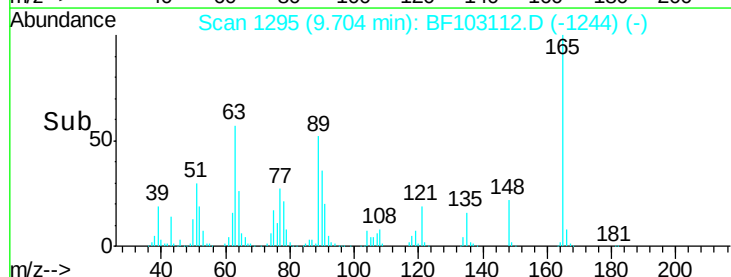
89 51.6 44.0 66.0

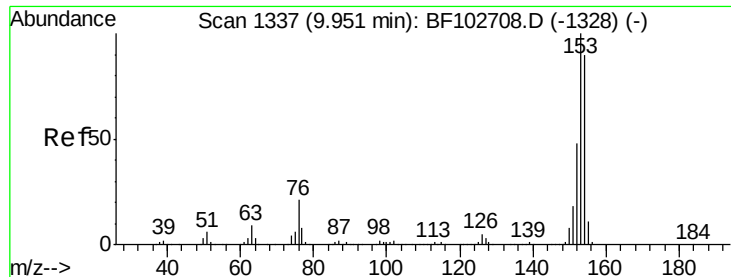


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.488 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

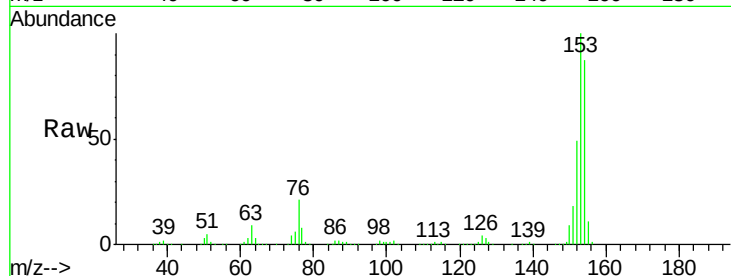
Tot Ion:154 Resp: 758697

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

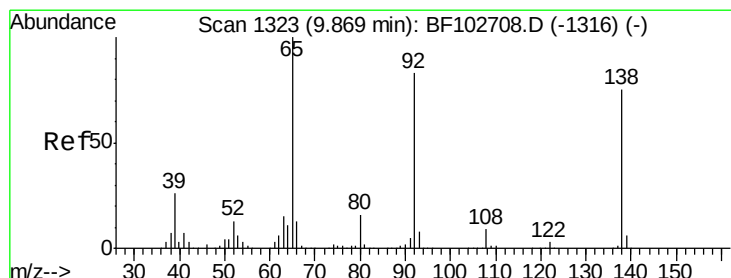
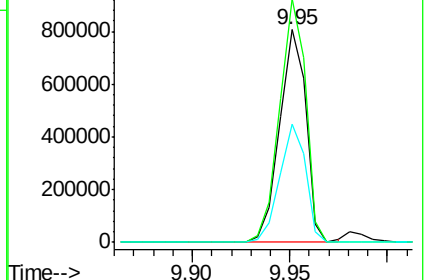
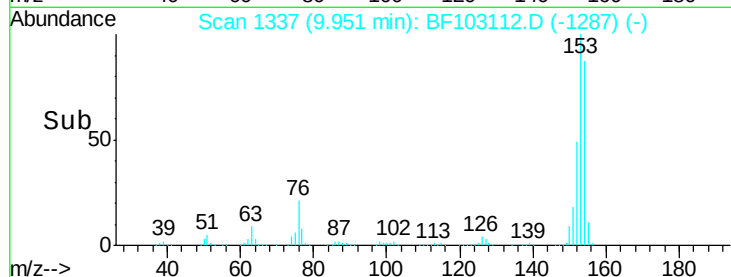
152 55.7 43.8 65.8



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: 46.167 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

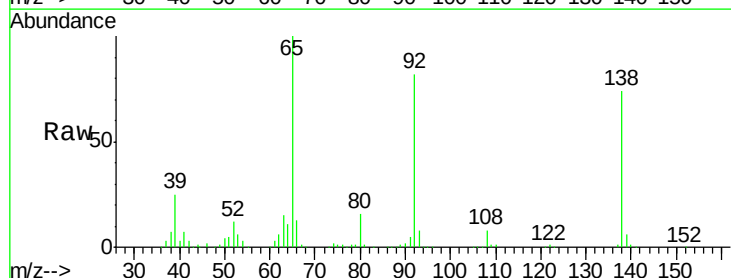
Tgt Ion:138 Resp: 292506

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

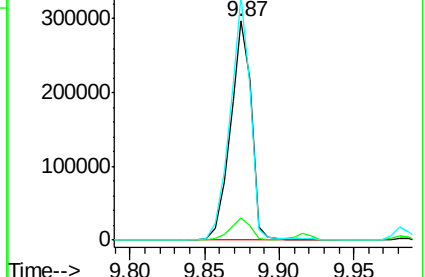
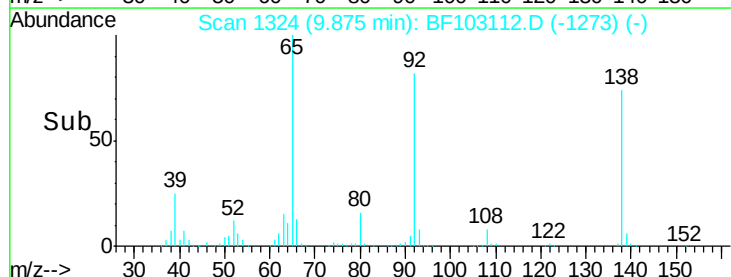
92 111.3 89.4 134.2

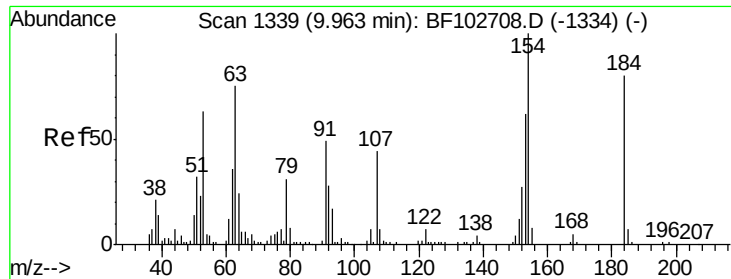


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

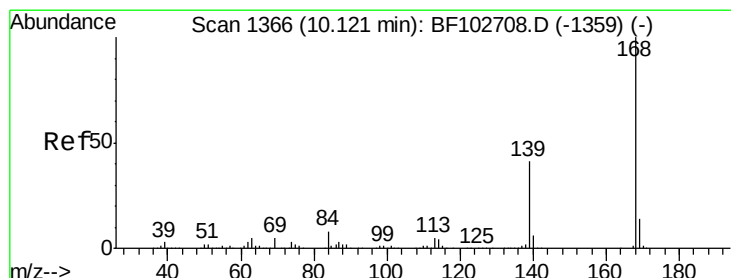
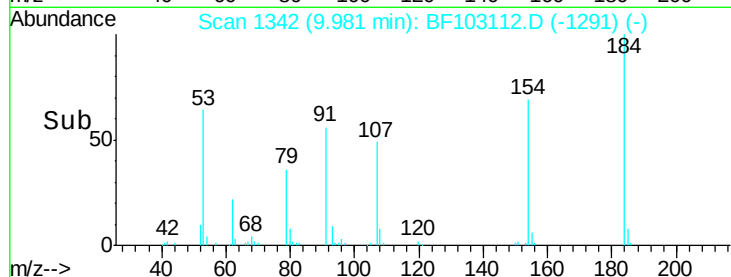
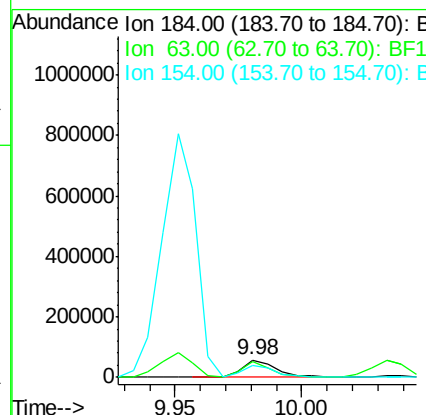
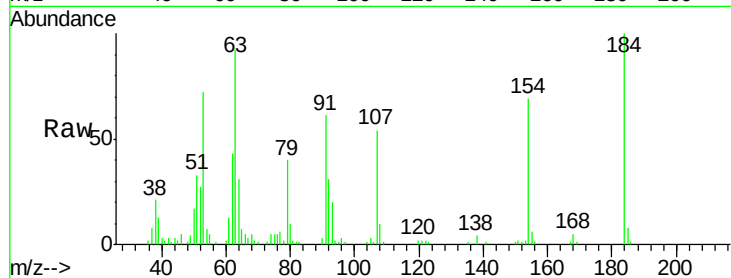




#53
 2,4-Dinitrophenol
 Concen: 46.361 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

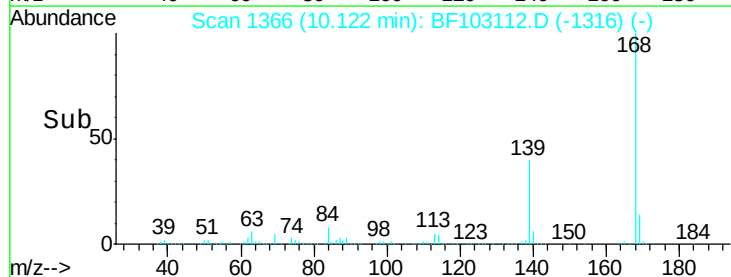
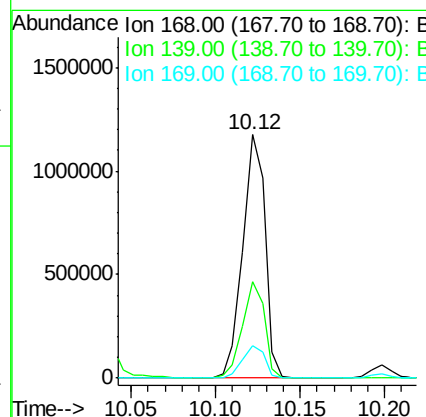
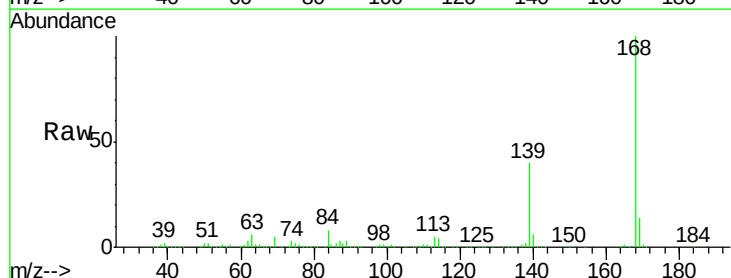
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

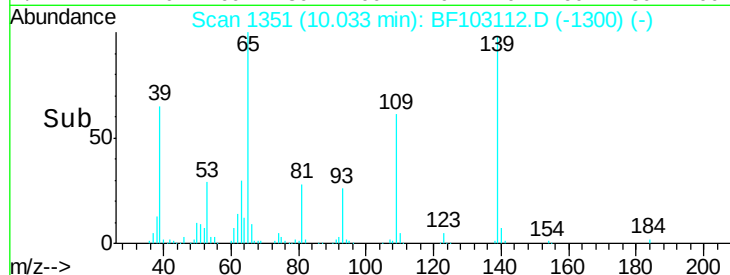
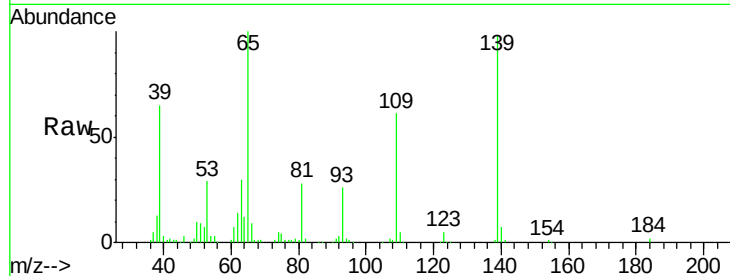
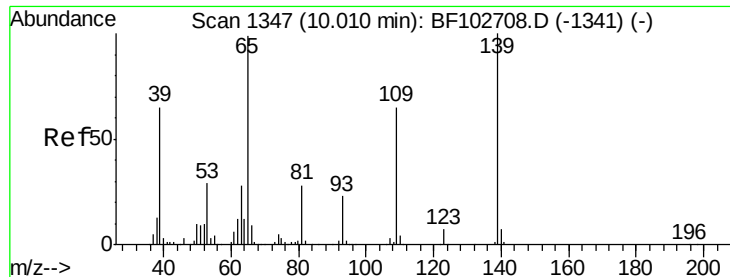
Tot Ion:184 Resp: 55165
 Ion Ratio Lower Upper
 184 100
 63 92.4 54.2 81.2#
 154 69.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 35.926 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Tgt Ion:168 Resp: 1082403
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.1 45.1
 169 13.5 10.9 16.3

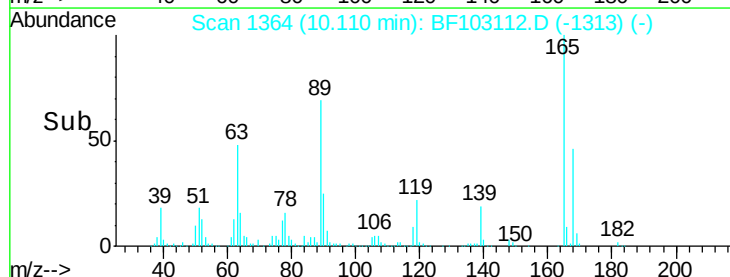
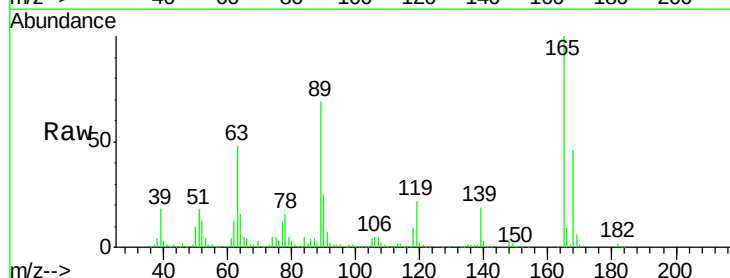
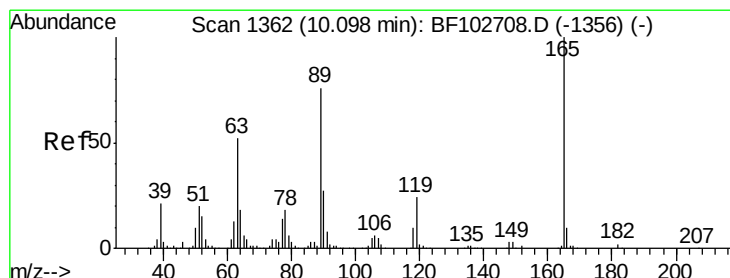
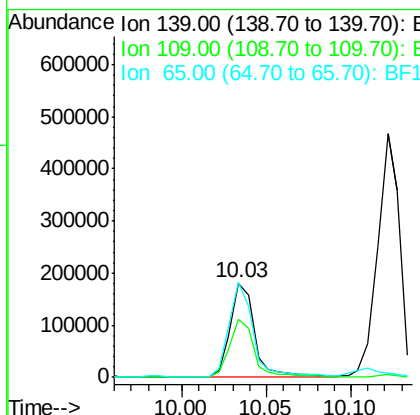




#55
4-Nitrophenol
Concen: 37.535 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

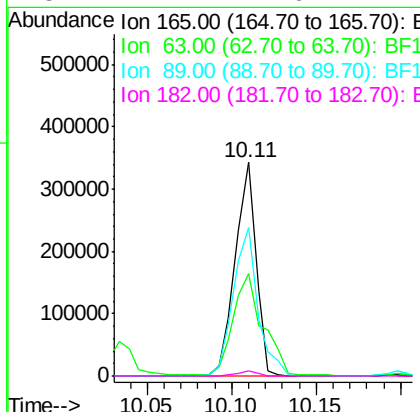
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

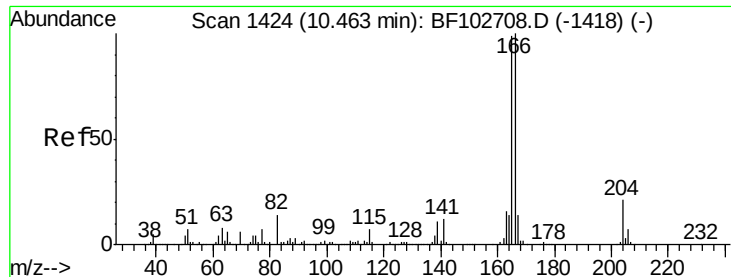
Tot Ion:139 Resp: 183721
Ion Ratio Lower Upper
139 100
109 61.6 48.4 88.4
65 101.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.044 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Tgt Ion:165 Resp: 294913
Ion Ratio Lower Upper
165 100
63 48.2 36.4 54.6
89 69.3 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 38.554 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

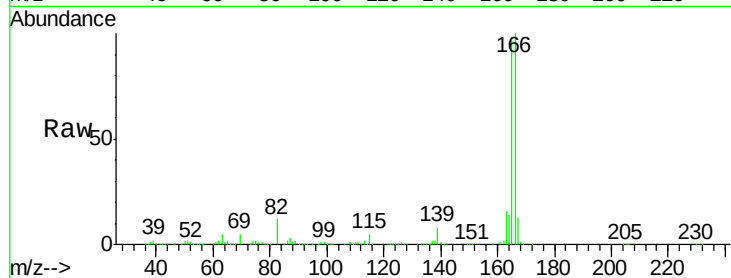
Tot Ion:166 Resp: 845144

Ion Ratio Lower Upper

166 100

165 97.9 79.8 119.8

167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

1200000

1000000

800000

600000

400000

200000

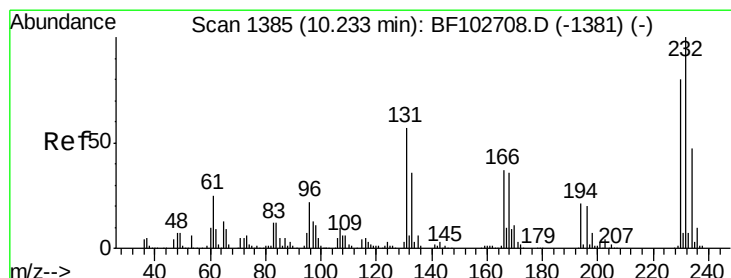
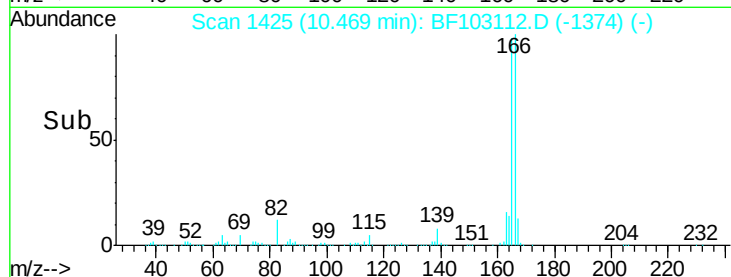
0

10.47

10.40

10.50

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.074 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Tgt Ion:232 Resp: 194335

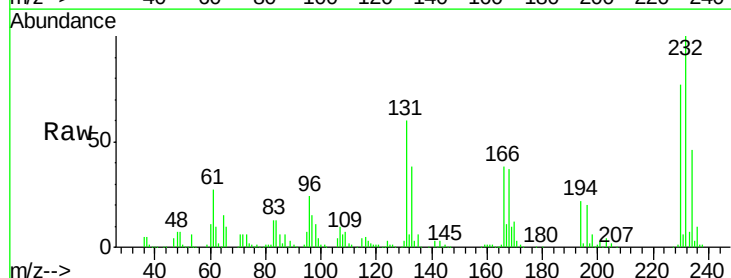
Ion Ratio Lower Upper

232 100

131 54.6 43.8 65.8

130 2.6 2.1 3.1

166 35.7 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

300000

200000

100000

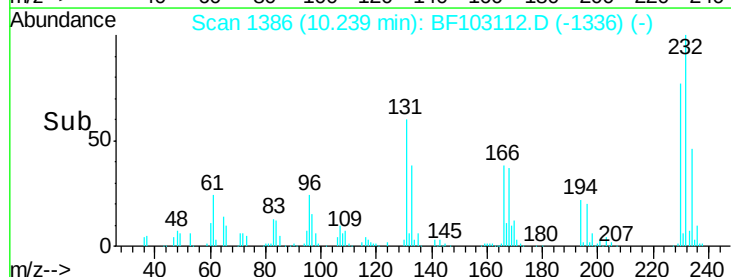
0

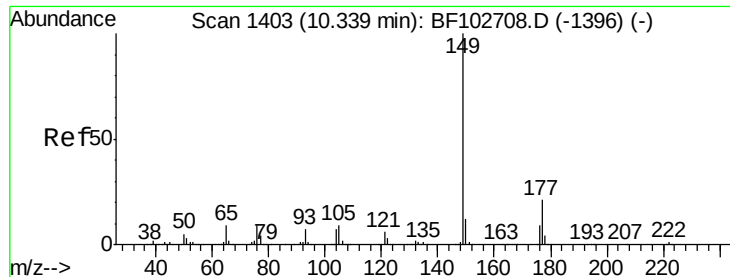
10.24

10.20

10.30

Time-->





#59

Diethylphthalate

Concen: 36.314 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

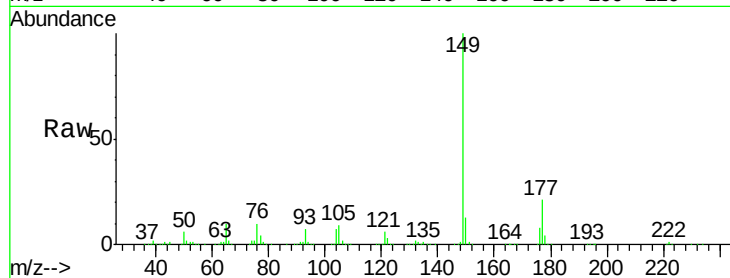
Tot Ion:149 Resp: 970476

Ion Ratio Lower Upper

149 100

177 20.5 16.1 24.1

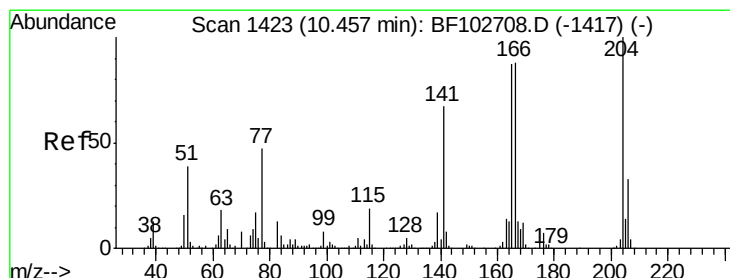
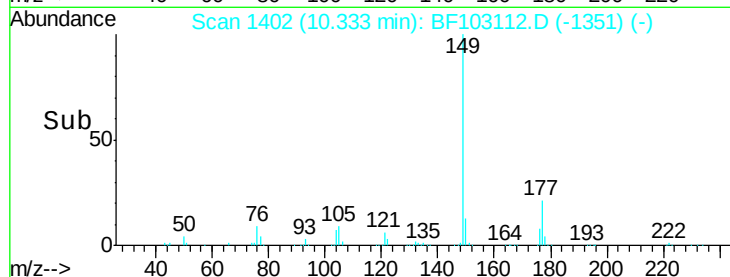
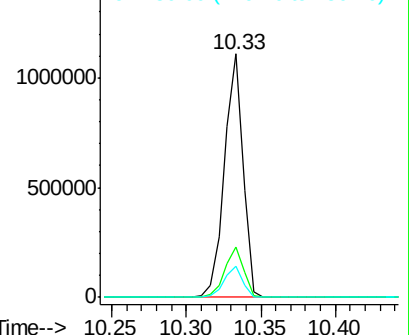
150 12.7 10.1 15.1



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: 38.657 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

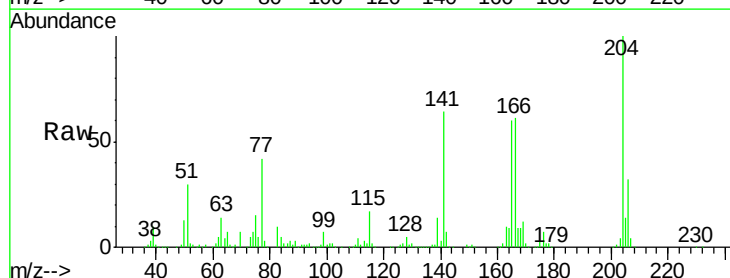
Tgt Ion:204 Resp: 374870

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

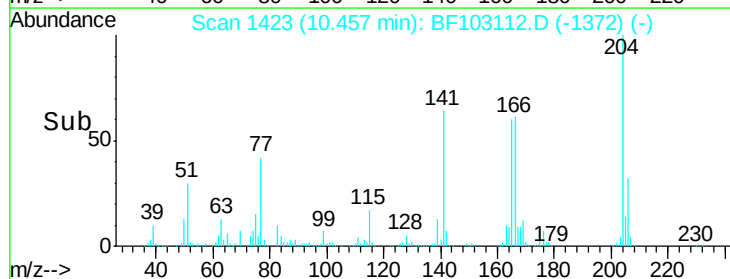
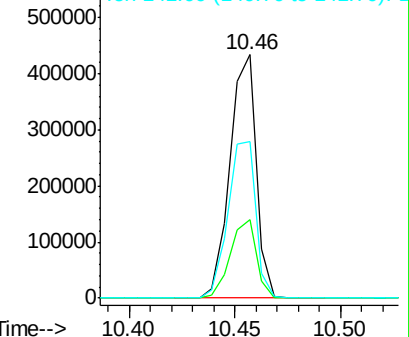
141 64.5 54.6 81.8

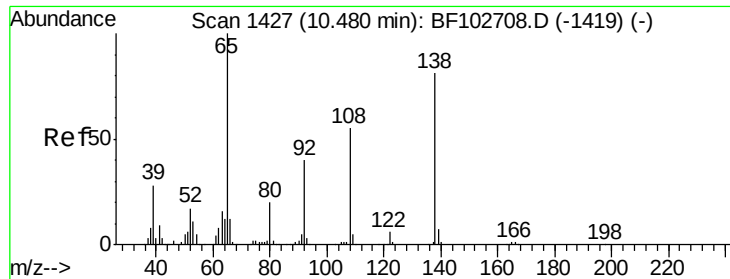


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

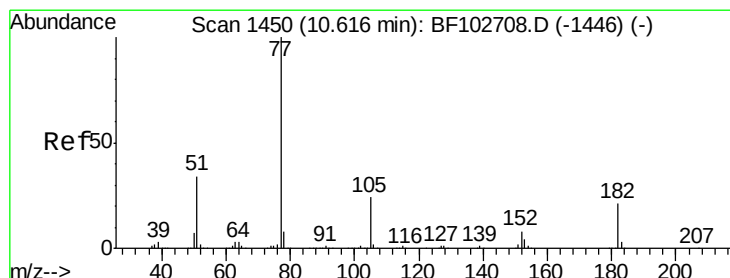
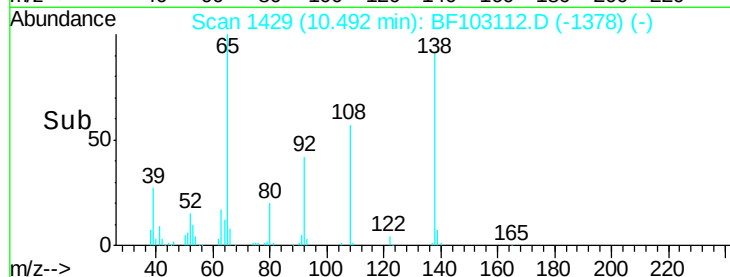
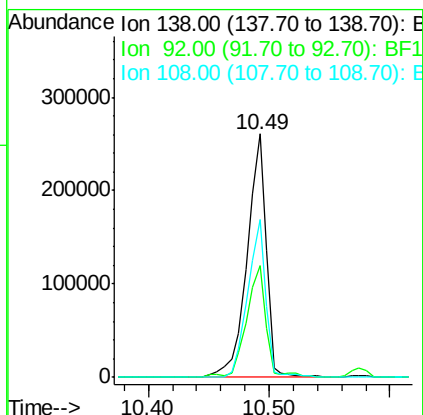
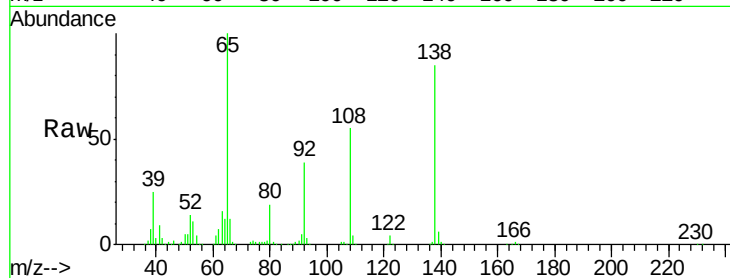




#61
4-Nitroaniline
Concen: 48.083 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

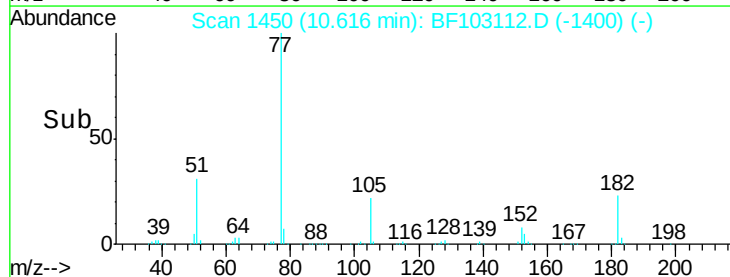
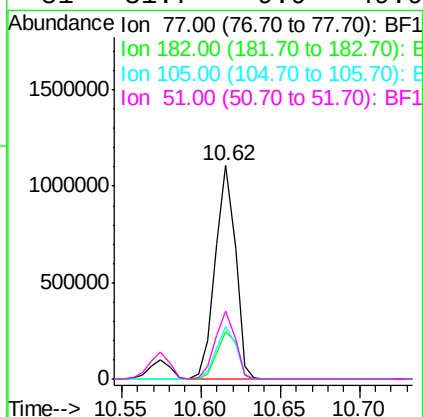
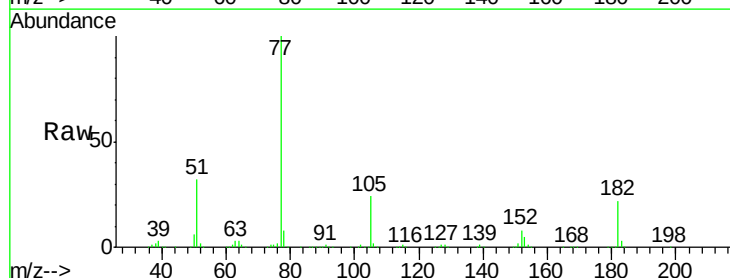
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

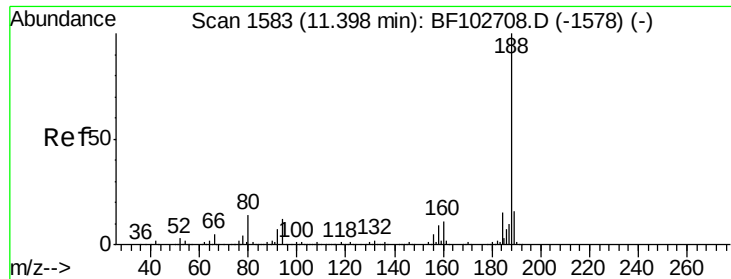
Tot Ion:138 Resp: 289975
Ion Ratio Lower Upper
138 100
92 46.0 30.2 70.2
108 65.0 52.5 92.5



#62
Azobenzene
Concen: 36.807 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Tgt Ion: 77 Resp: 982653
Ion Ratio Lower Upper
77 100
182 22.3 1.7 41.7
105 24.3 3.0 43.0
51 31.7 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

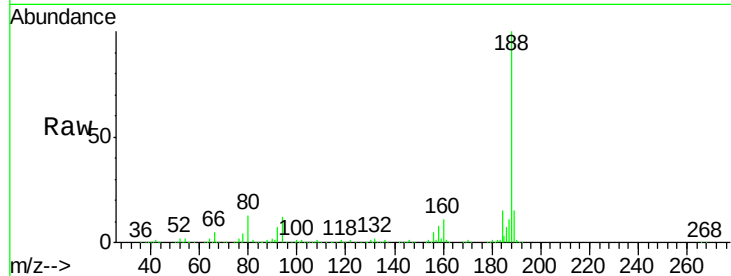
Tot Ion:188 Resp: 601119

Ion Ratio Lower Upper

188 100

94 12.2 8.5 12.7

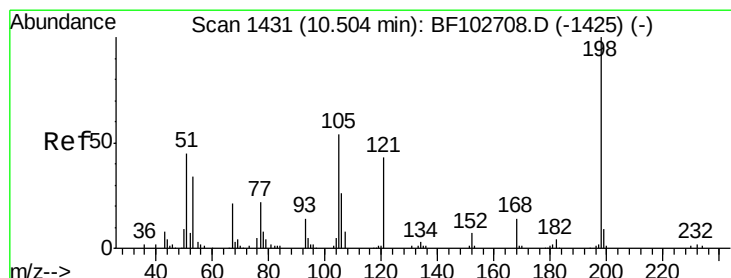
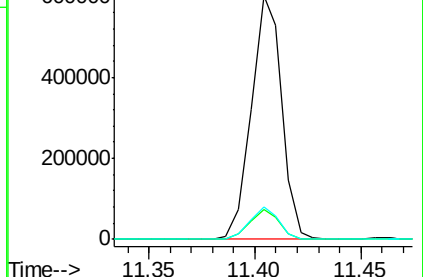
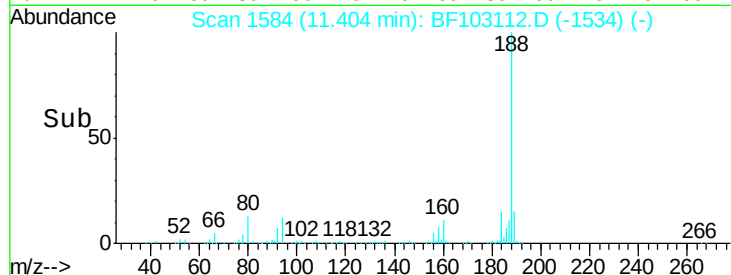
80 13.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 49.745 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

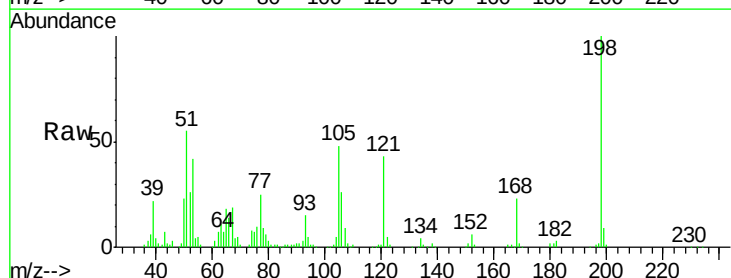
Tgt Ion:198 Resp: 126073

Ion Ratio Lower Upper

198 100

51 54.6 37.7 77.7

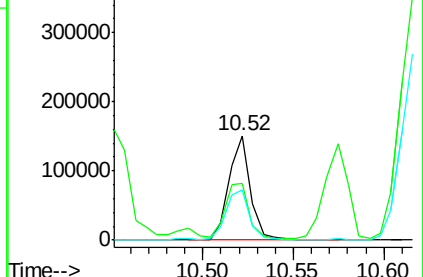
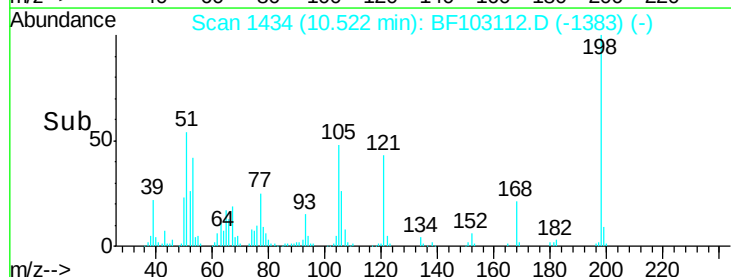
105 48.3 36.3 76.3

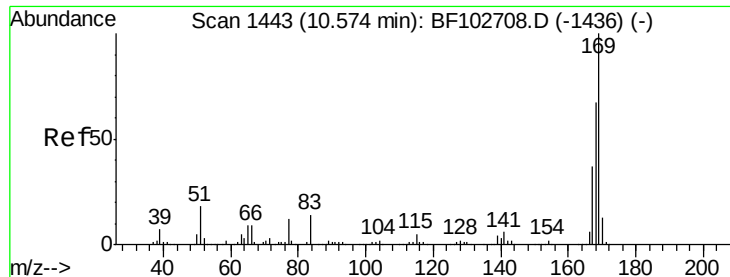


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.684 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

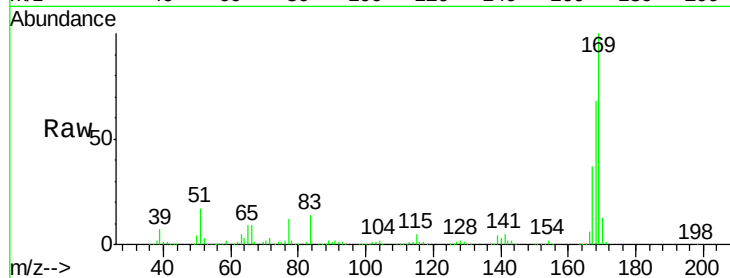
Tot Ion:169 Resp: 777818

Ion Ratio Lower Upper

169 100

168 67.5 54.4 81.6

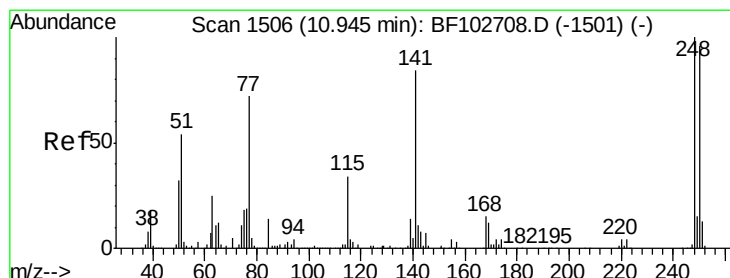
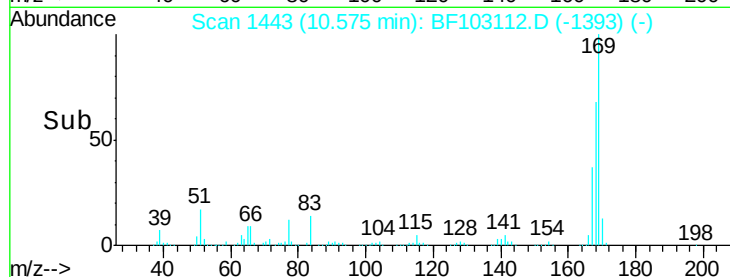
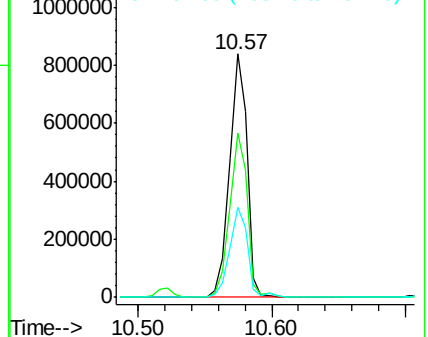
167 37.0 29.8 44.6



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: 36.430 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

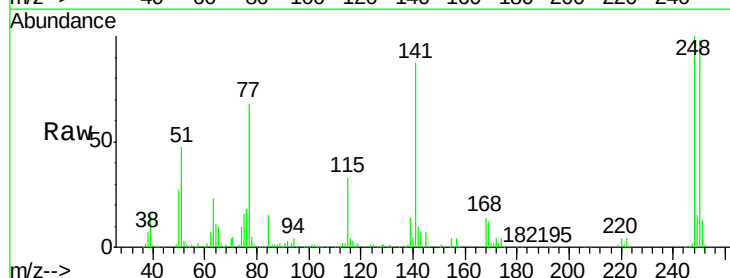
Tgt Ion:248 Resp: 231646

Ion Ratio Lower Upper

248 100

250 98.0 76.9 115.3

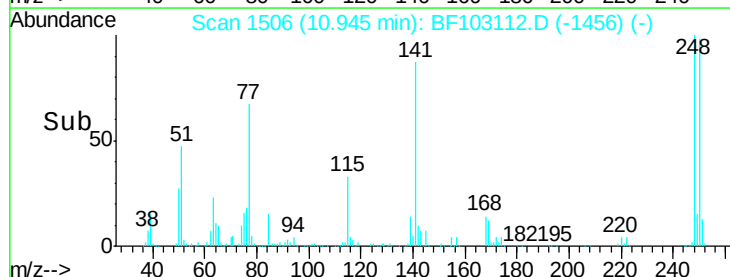
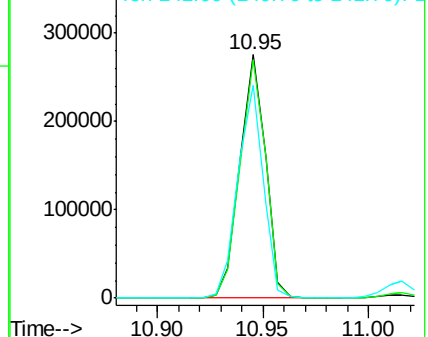
141 87.2 74.4 111.6

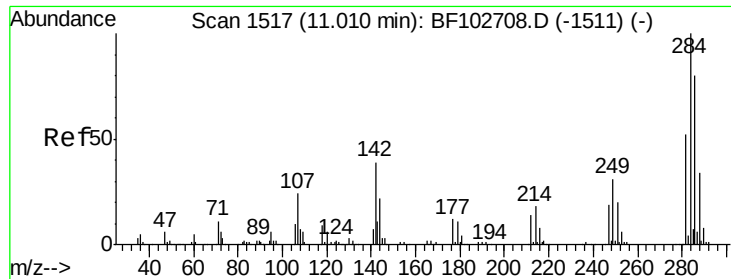


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

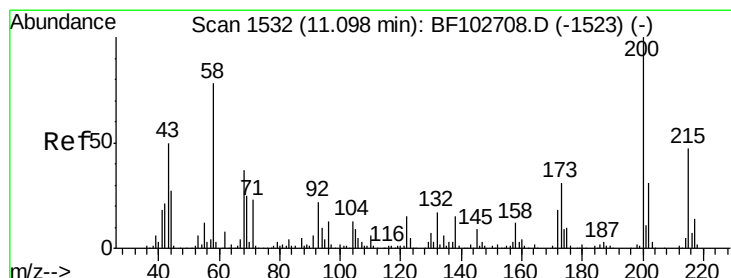
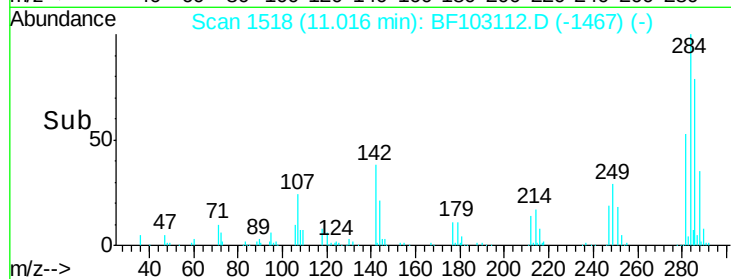
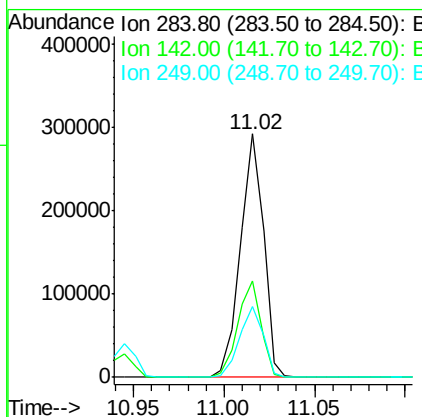
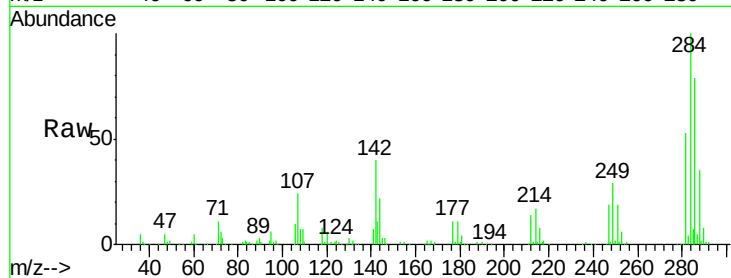




#67
Hexachlorobenzene
Concen: 36.903 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

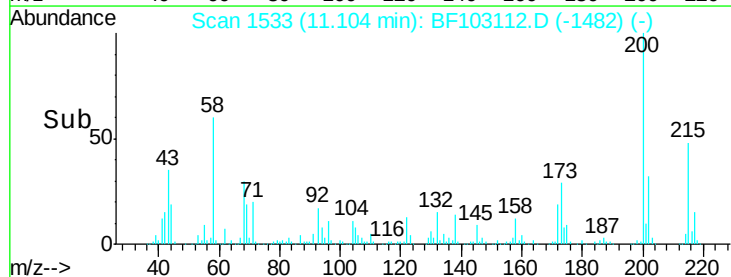
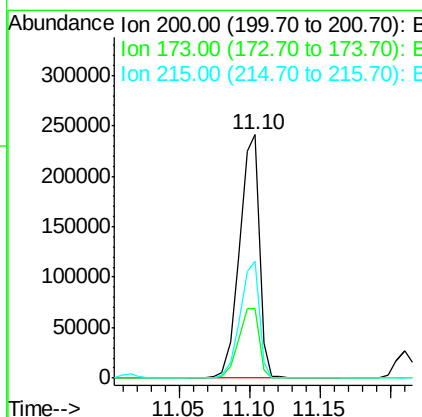
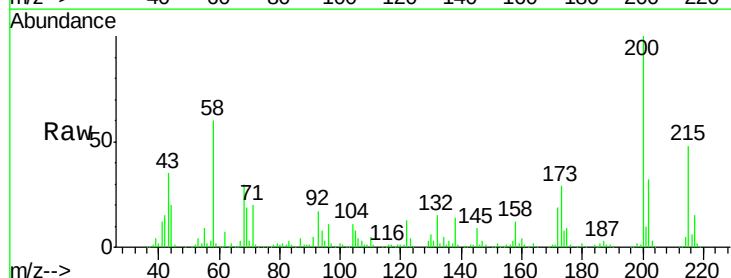
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

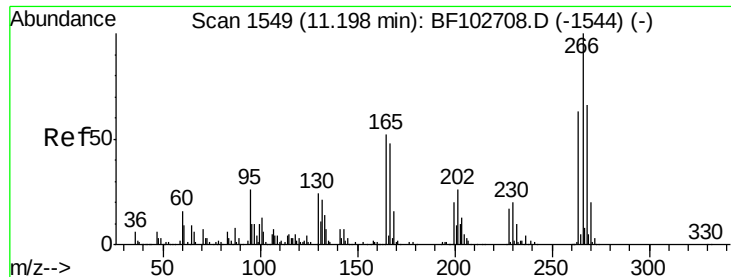
Tot Ion:284 Resp: 258868
Ion Ratio Lower Upper
284 100
142 39.6 34.6 52.0
249 29.3 24.8 37.2



#68
Atrazine
Concen: 37.657 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Tgt Ion:200 Resp: 235552
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 48.1 25.1 65.1





#69

Pentachlorophenol

Concen: 32.013 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

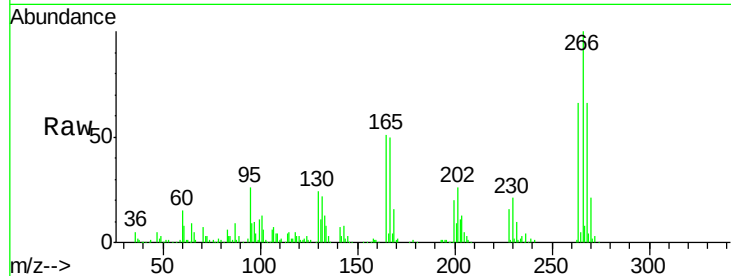
Tot Ion:266 Resp: 131824

Ion Ratio Lower Upper

266 100

268 66.0 51.1 76.7

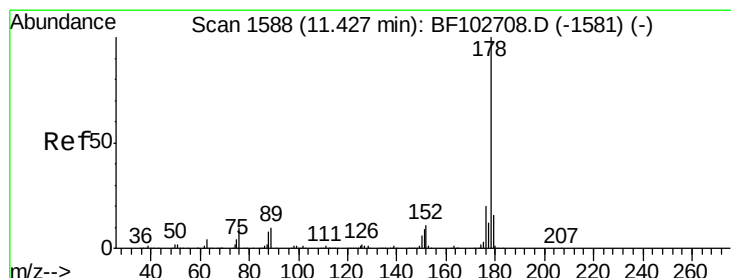
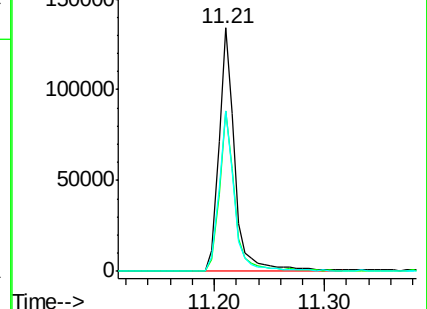
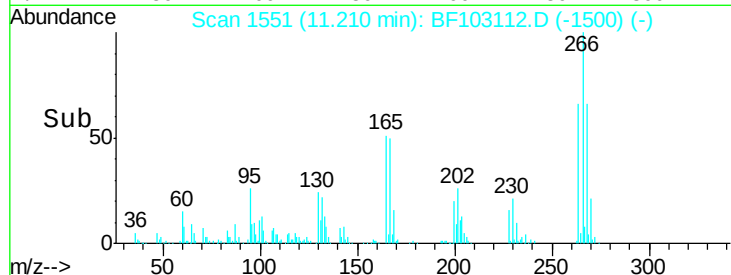
264 66.1 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 35.583 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

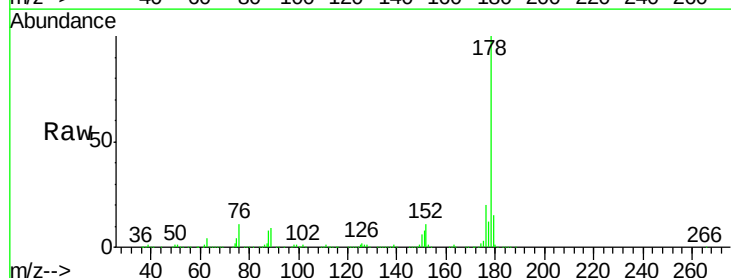
Tgt Ion:178 Resp: 1191253

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

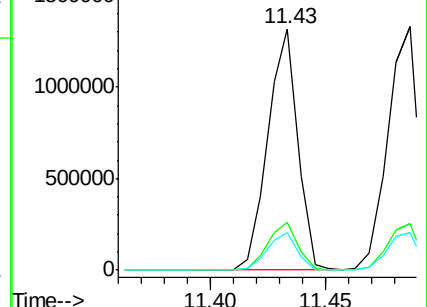
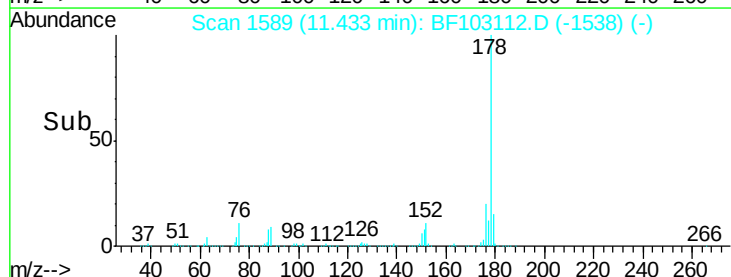
179 15.4 13.0 19.6

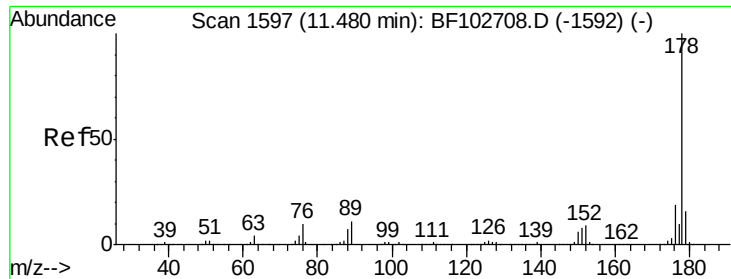


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 36.078 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

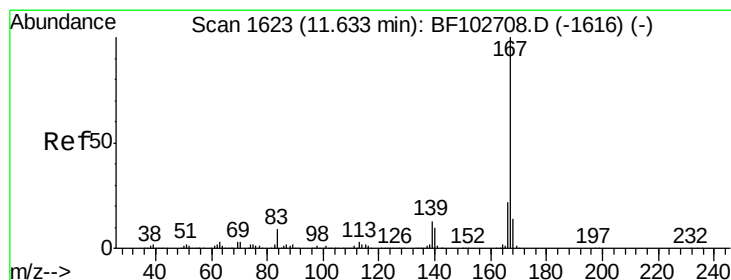
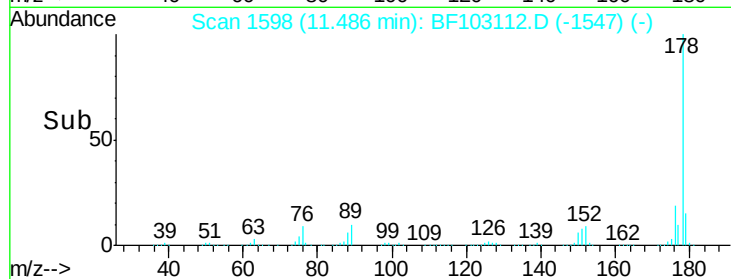
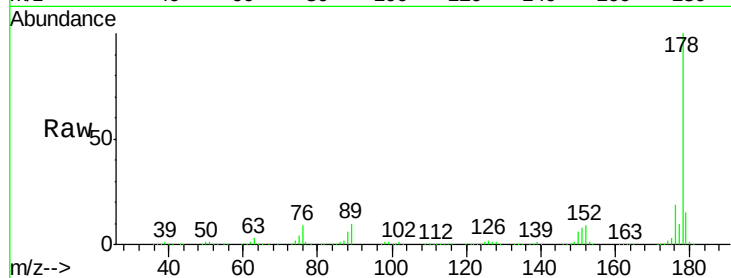
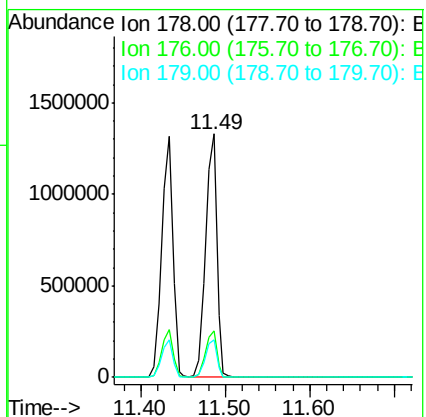
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1228496

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0



#72

Carbazole

Concen: 37.526 ng

RT: 11.64 min Scan# 1624

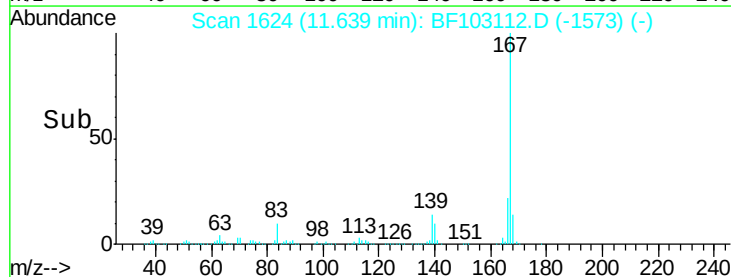
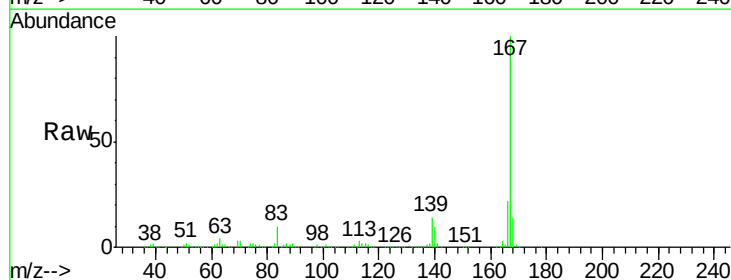
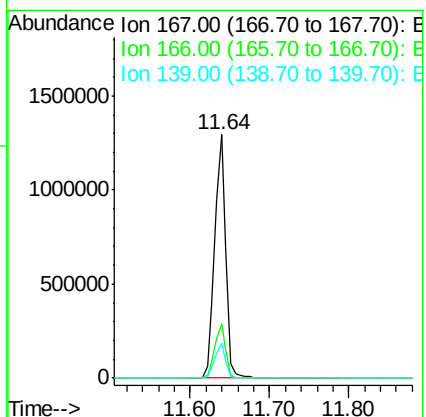
Delta R.T. 0.00 min

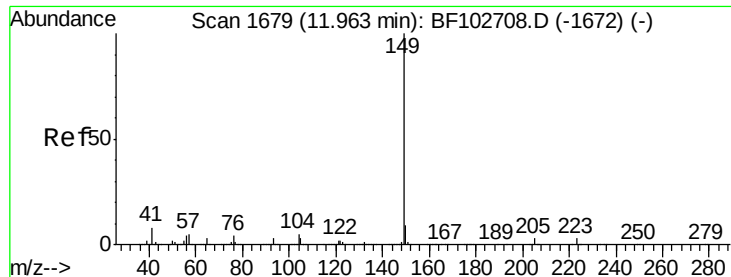
Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Tgt Ion:167 Resp: 1251816

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	14.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.074 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

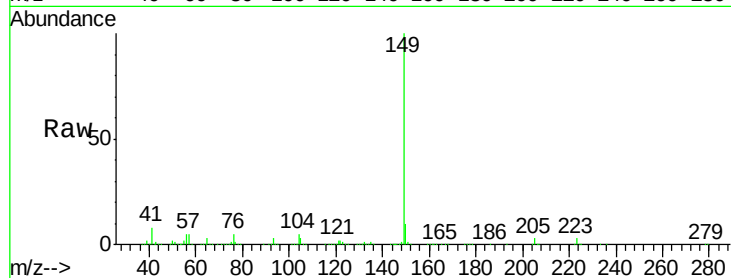
Tot Ion:149 Resp: 1542835

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

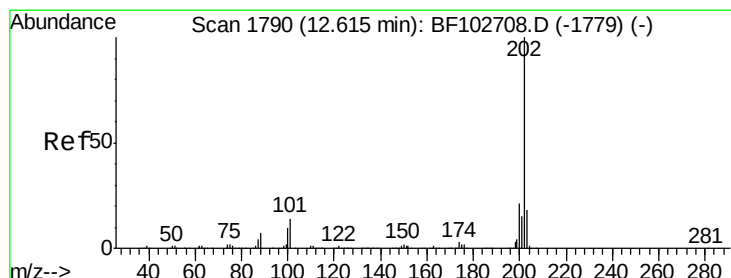
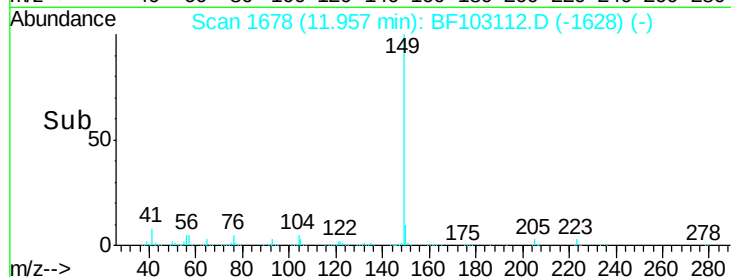
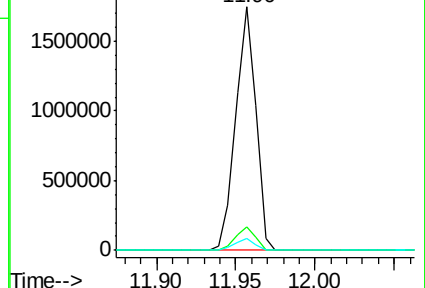
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.489 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

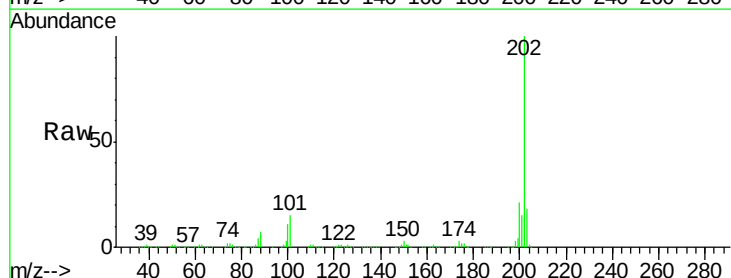
Tgt Ion:202 Resp: 1229078

Ion Ratio Lower Upper

202 100

101 14.8 0.0 34.1

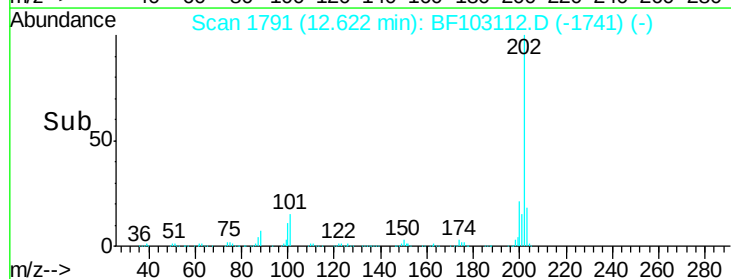
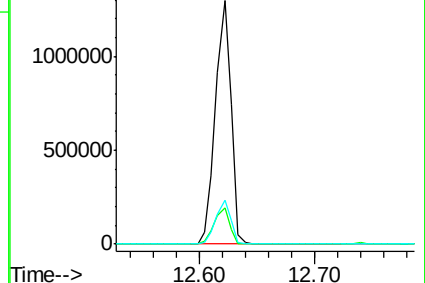
203 18.1 0.0 38.1

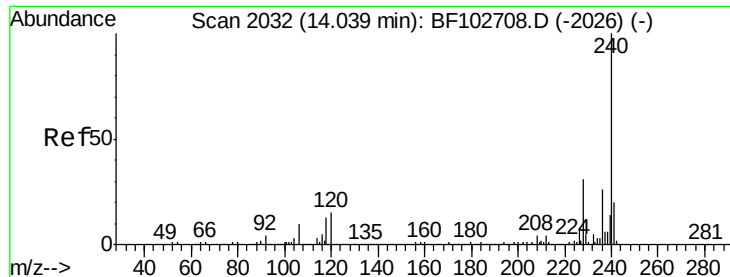


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

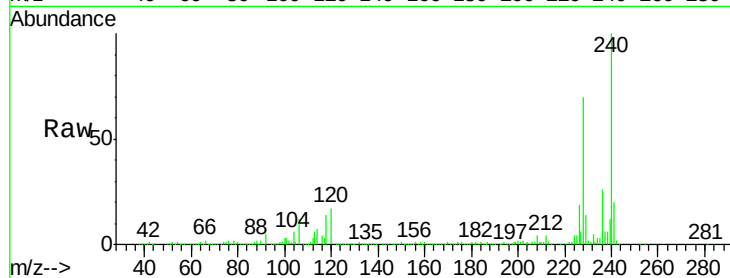
Tot Ion:240 Resp: 442923

Ion Ratio Lower Upper

240 100

120 17.1 9.5 14.3#

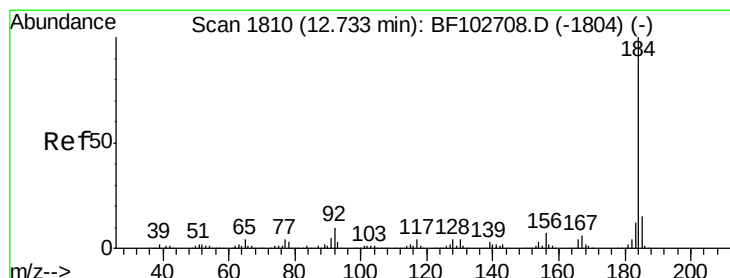
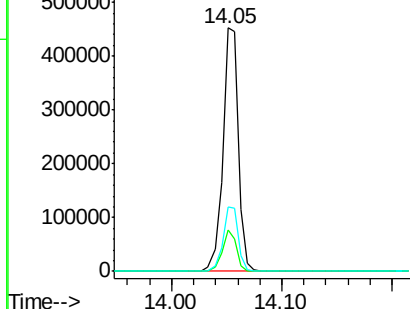
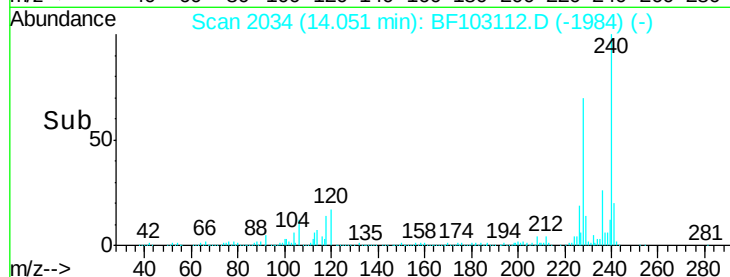
236 26.2 20.7 31.1



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: 40.398 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

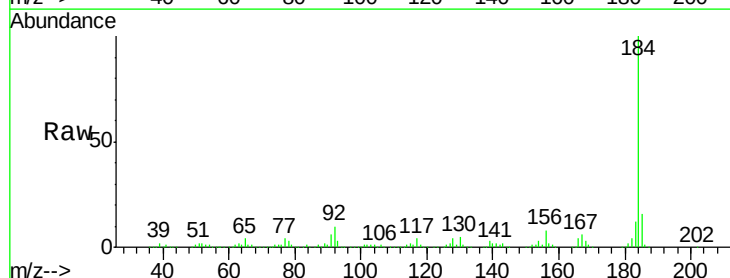
Tgt Ion:184 Resp: 822374

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

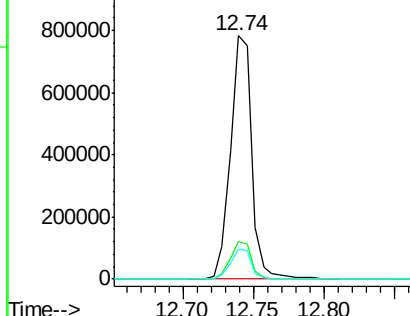
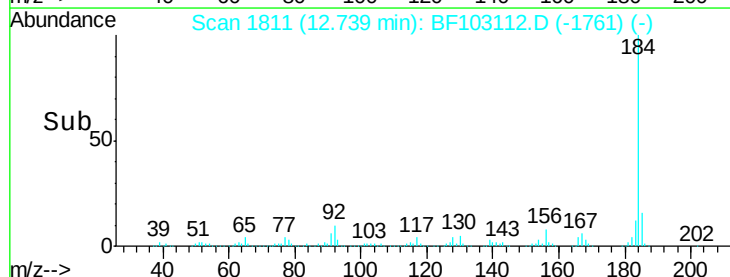
183 12.1 9.3 13.9

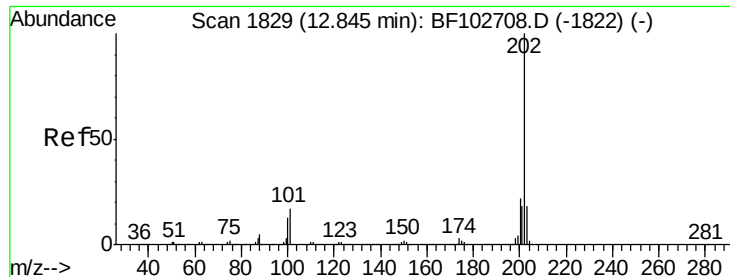


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

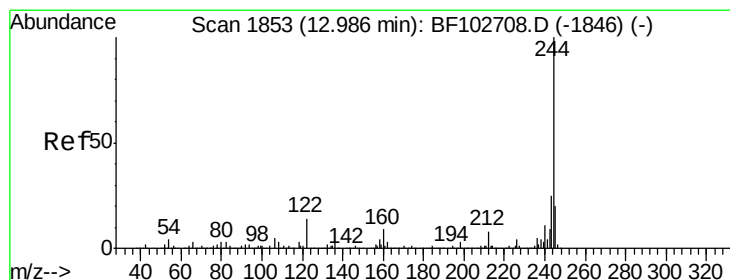
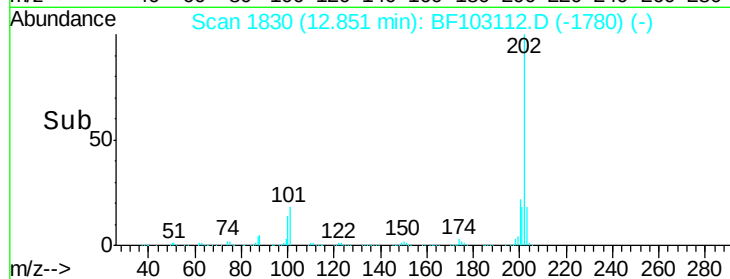
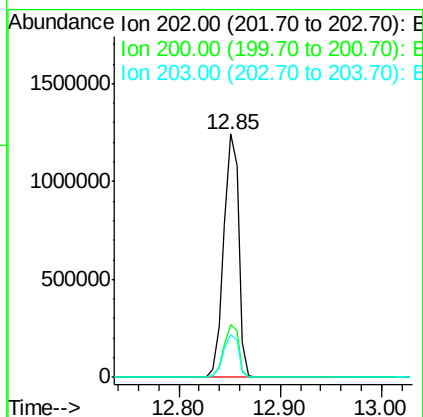
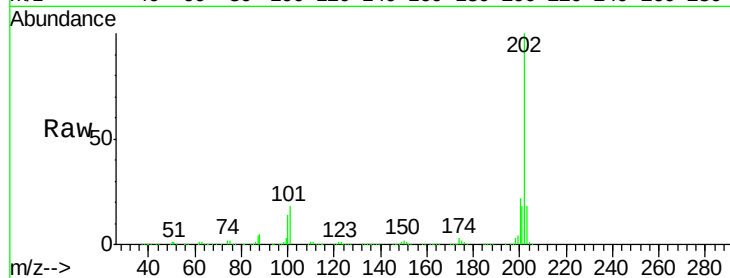




#77
Pvrene
Concen: 36.792 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

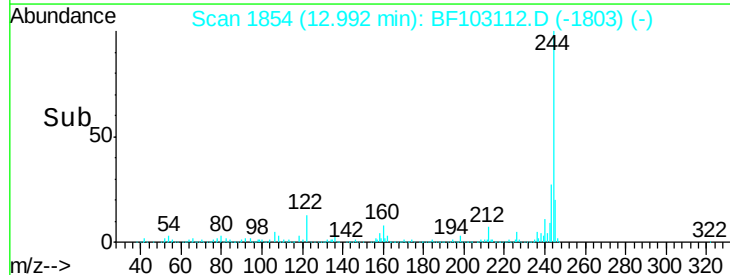
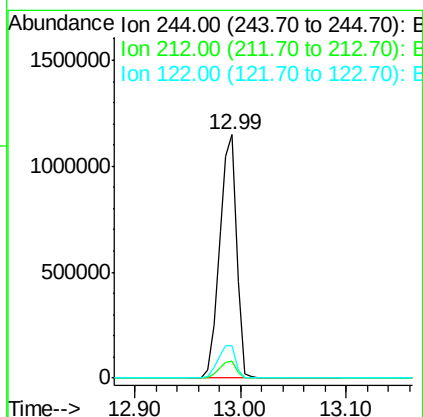
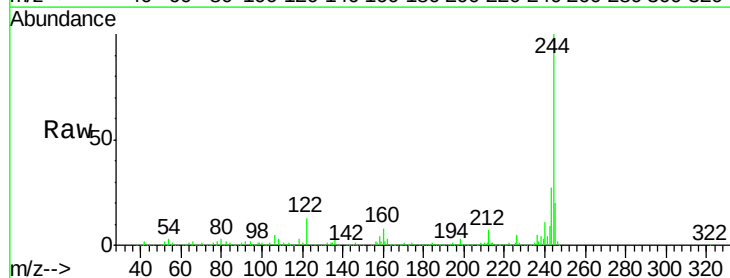
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

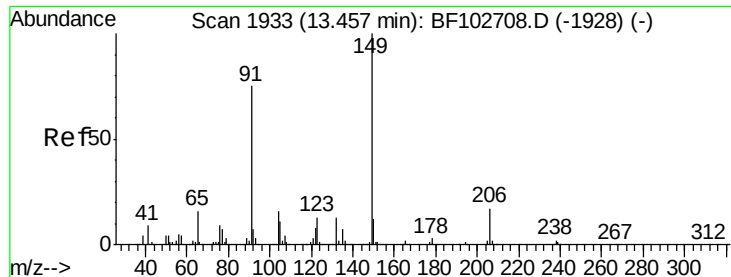
Tot Ion:202 Resp: 1277860
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 69.415 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Tgt Ion:244 Resp: 1298495
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 13.2 11.0 16.4

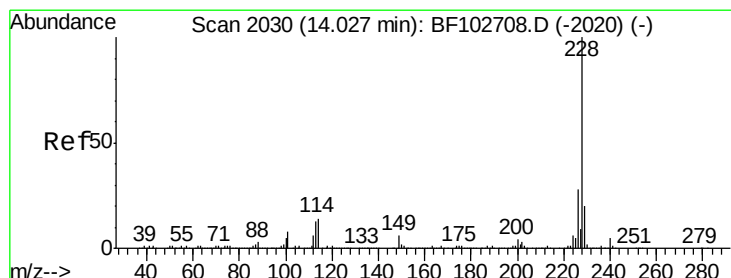
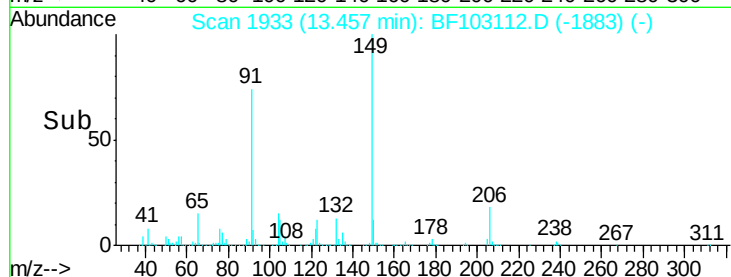
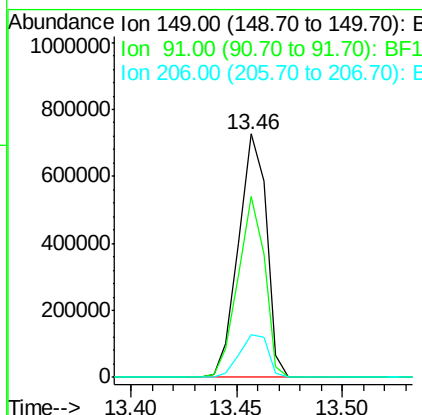
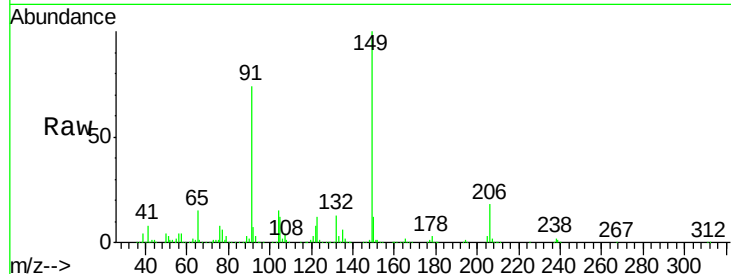




#79
Butylbenzylphthalate
Concen: 40.463 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

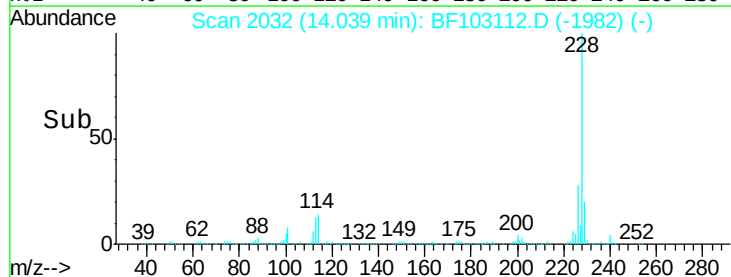
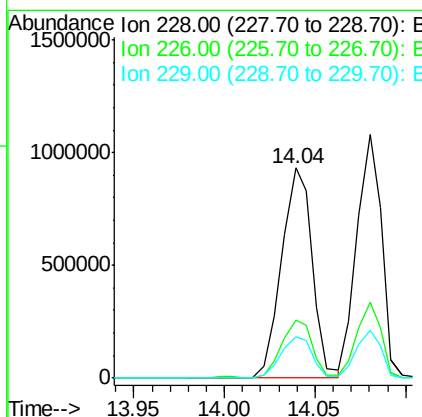
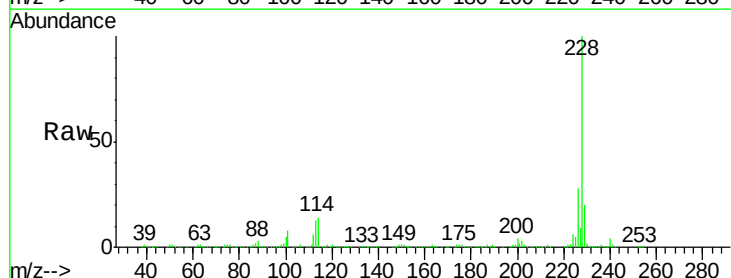
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

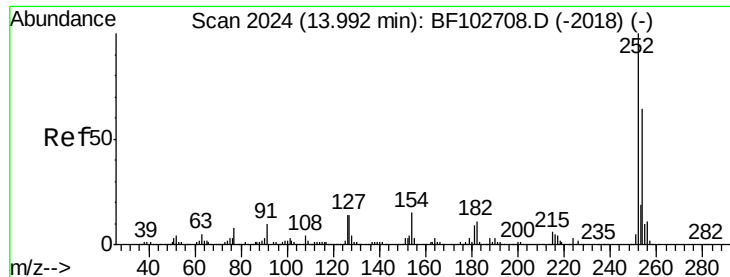
Tot Ion:149 Resp: 669511
Ion Ratio Lower Upper
149 100
91 74.2 56.8 85.2
206 17.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.639 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Tgt Ion:228 Resp: 1104173
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.7 15.8 23.6

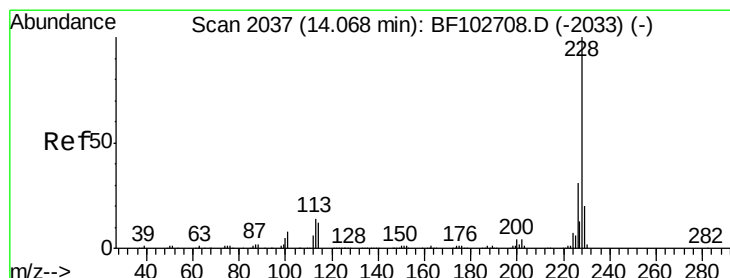
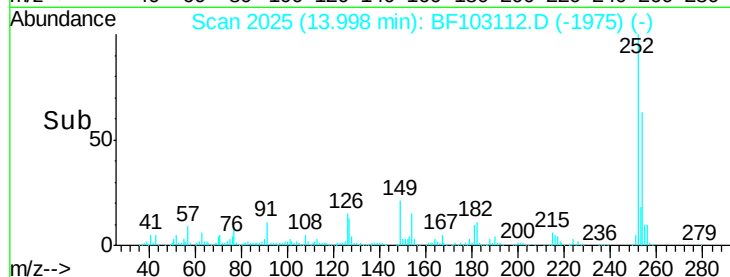
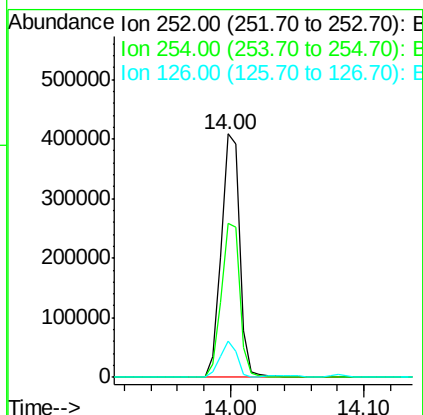
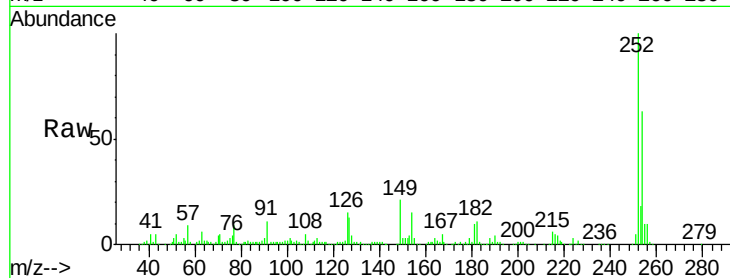




#81
 3,3'-Dichlorobenzidine
 Concen: 39.090 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

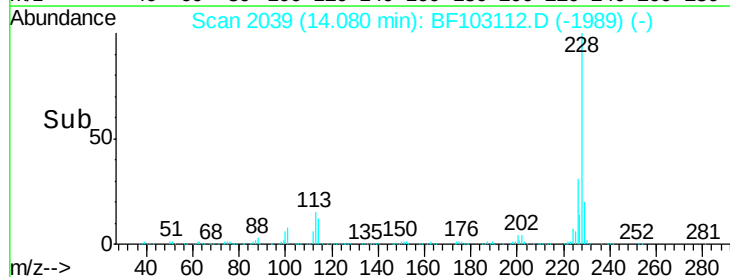
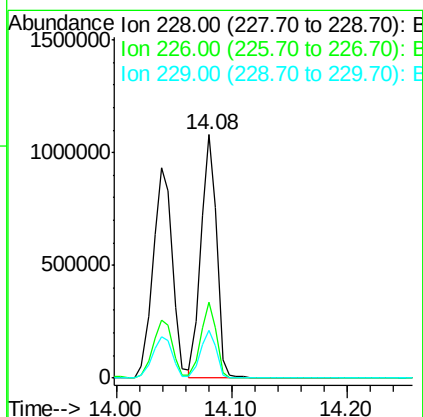
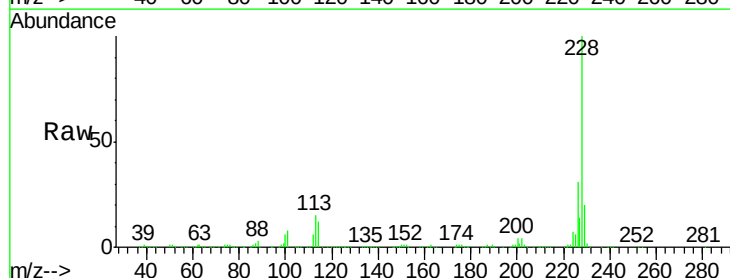
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

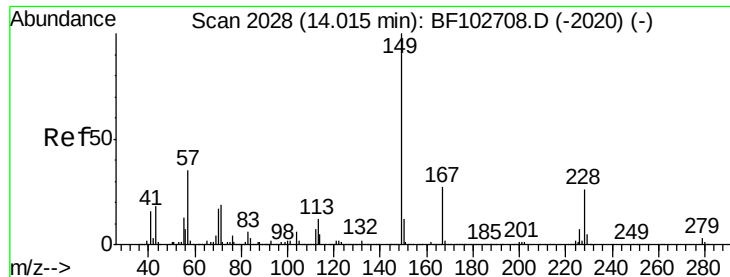
Tot Ion:252 Resp: 403731
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 14.8 11.3 16.9



#82
 Chrysene
 Concen: 36.858 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Tgt Ion:228 Resp: 1034973
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 19.5 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.921 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

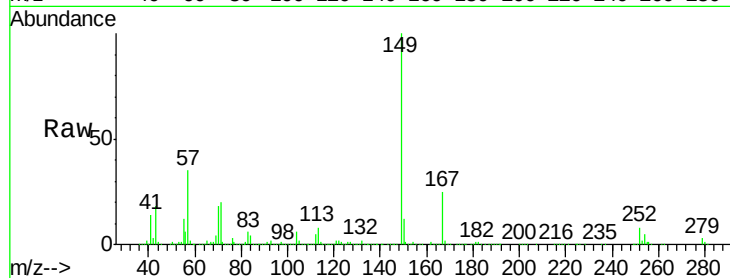
Tot Ion:149 Resp: 891925

Ion Ratio Lower Upper

149 100

167 25.4 21.3 31.9

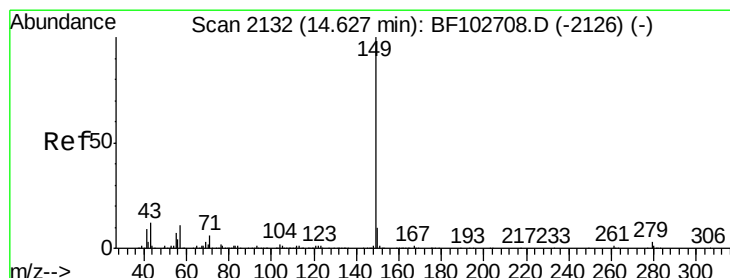
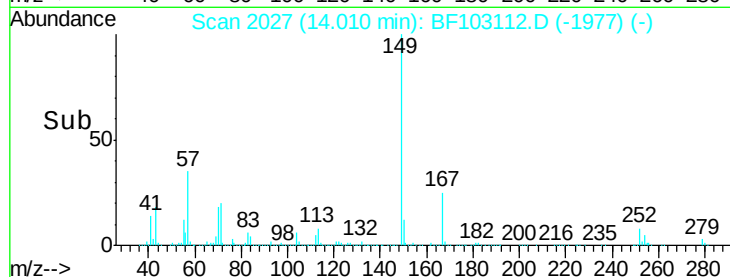
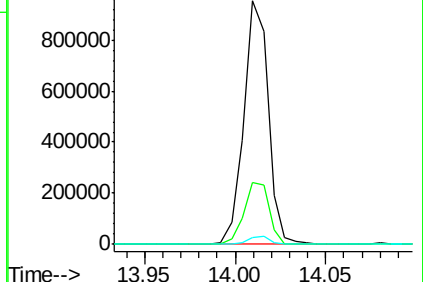
279 2.8 3.0 4.4#



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: 44.948 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

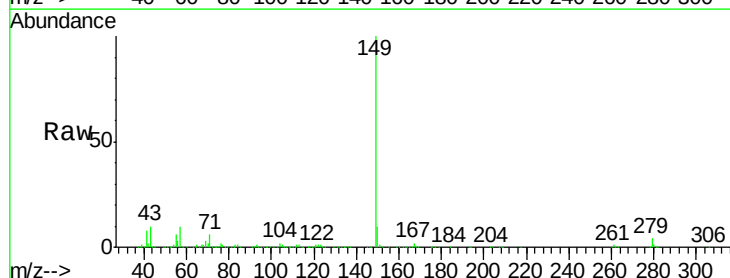
Tgt Ion:149 Resp: 1435967

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

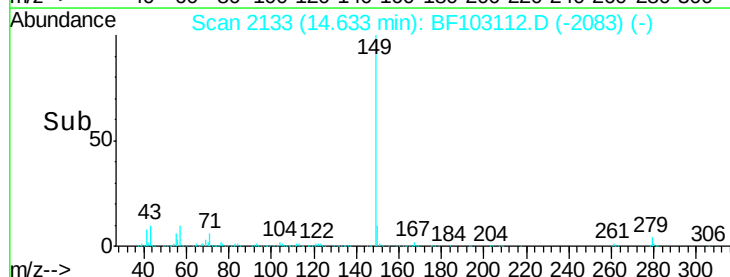
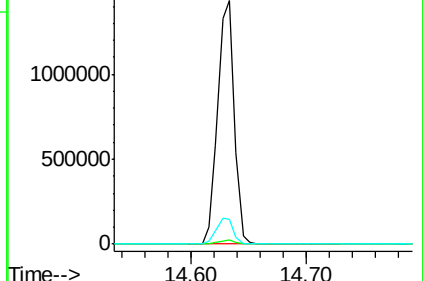
43 10.7 8.4 12.6

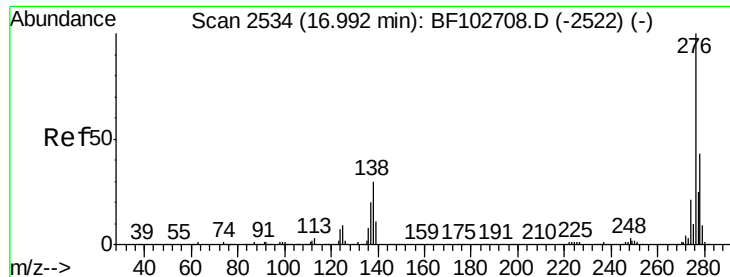


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

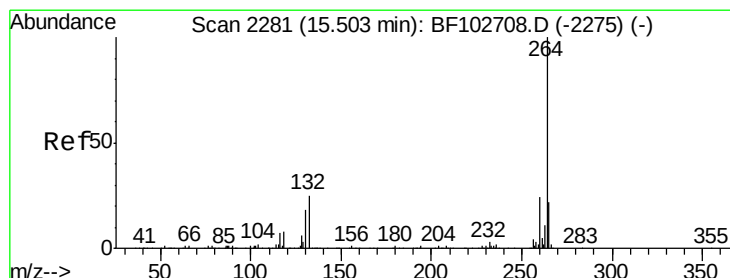
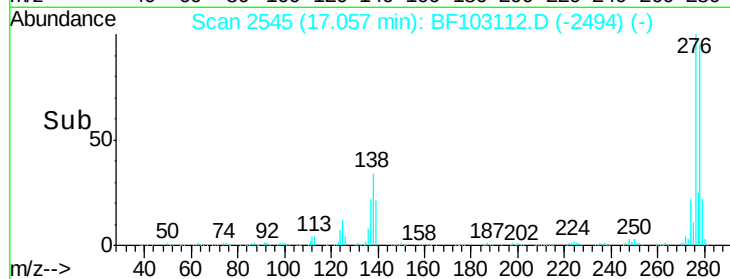
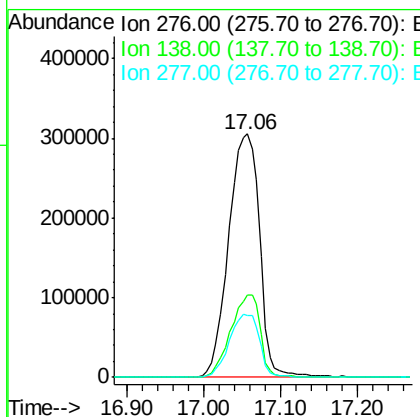
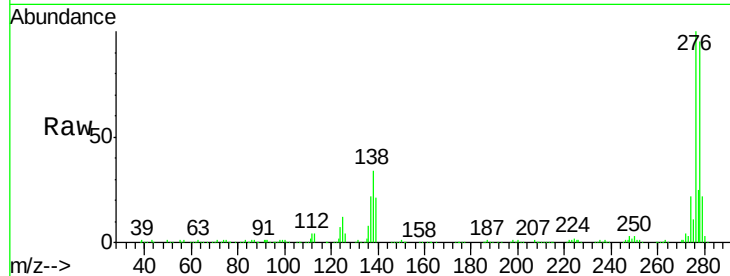




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.854 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

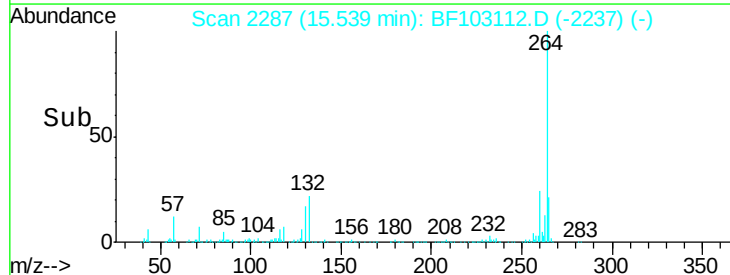
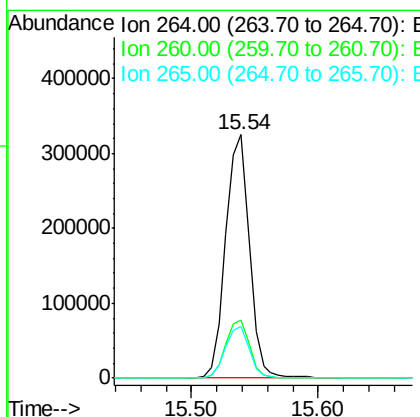
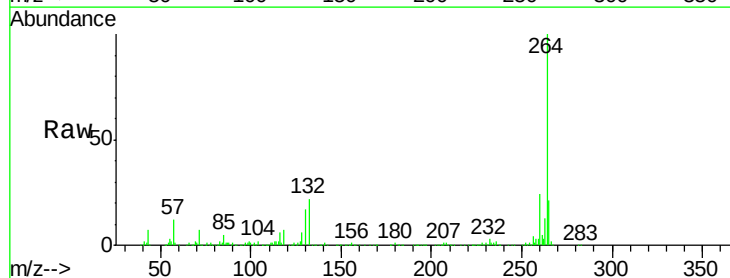
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

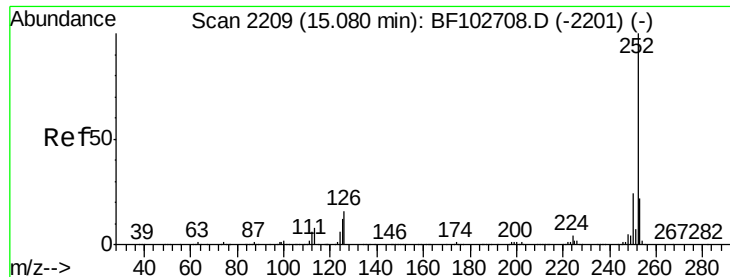
Tot Ion:276 Resp: 858281
 Ion Ratio Lower Upper
 276 100
 138 32.4 25.0 37.6
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Tgt Ion:264 Resp: 422979
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 17.5 26.3

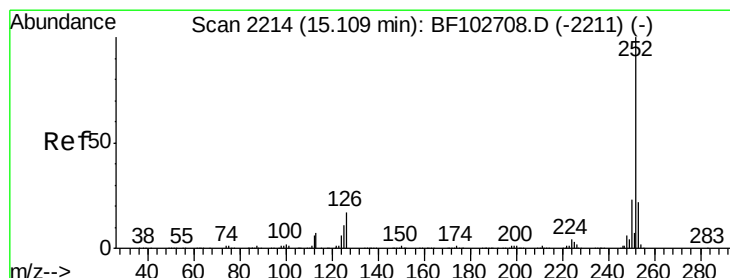
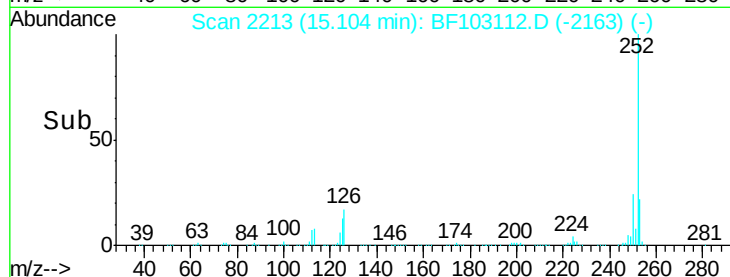
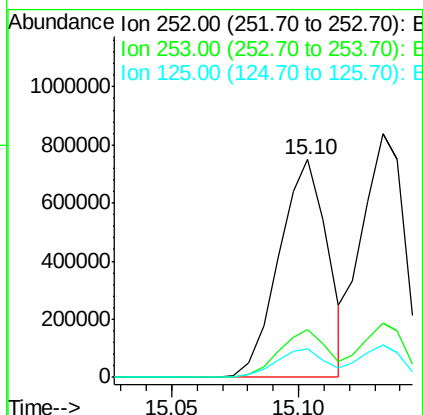
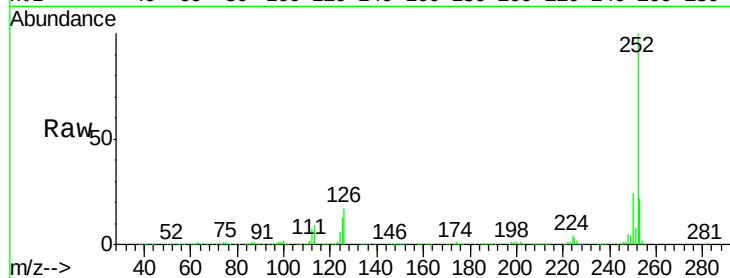




#87
Benzo(b)fluoranthene
Concen: 36.395 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

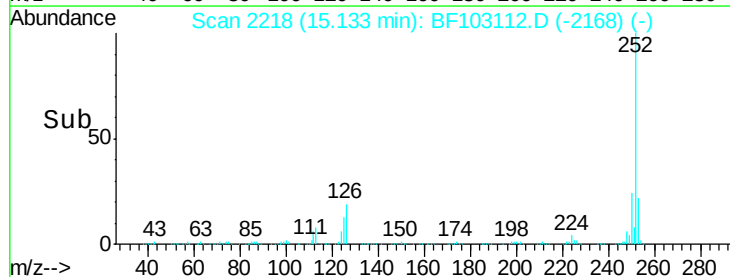
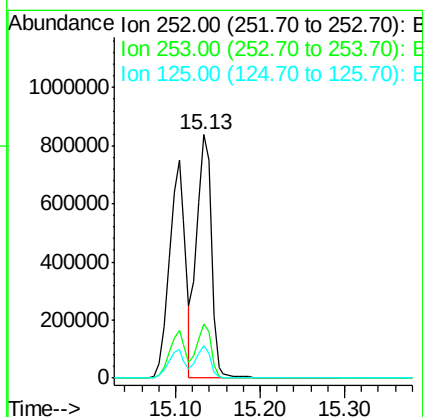
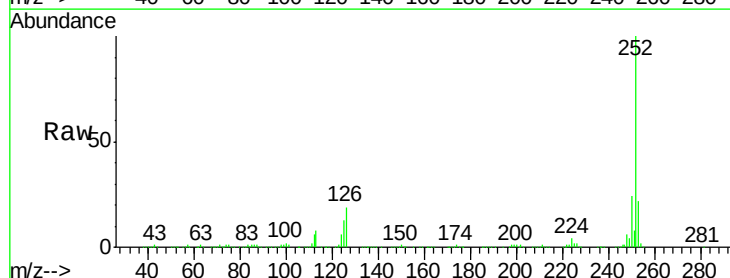
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

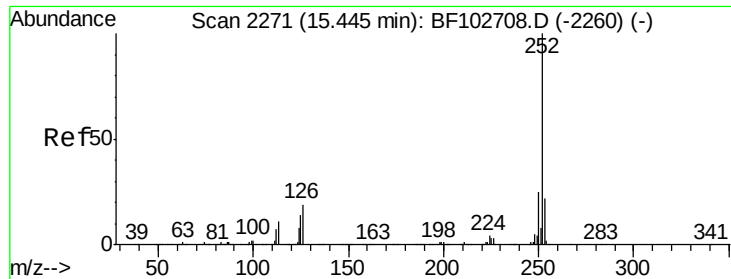
Tot Ion:252 Resp: 998074
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.232 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103112.D
Acq: 20 Feb 2018 9:08

Tgt Ion:252 Resp: 1001790
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.582 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

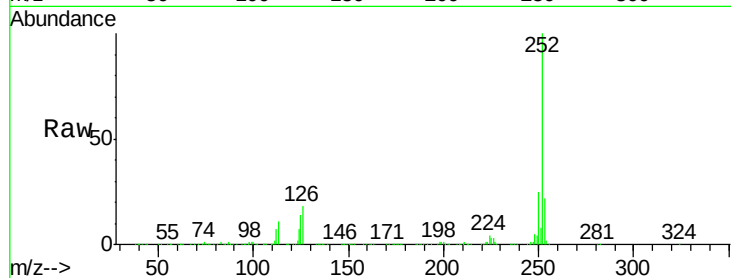
Tot Ion:252 Resp: 927690

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

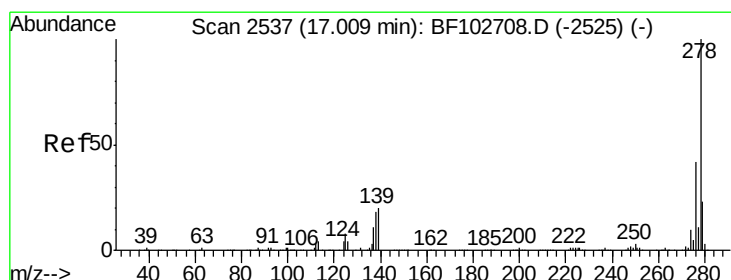
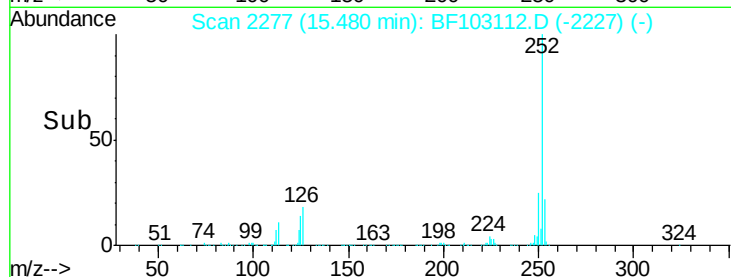
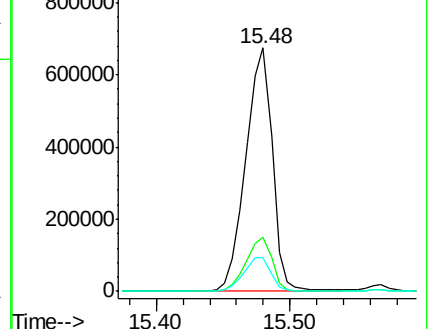
125 14.1 9.8 14.6



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: 35.261 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF103112.D

Acq: 20 Feb 2018 9:08

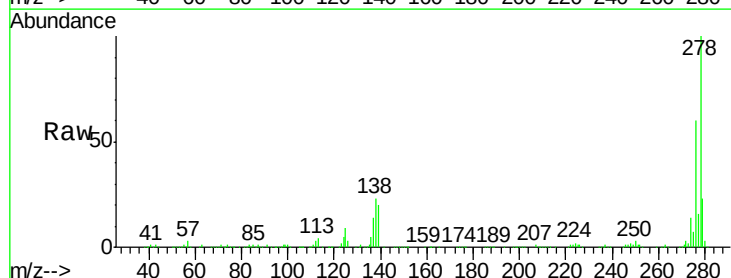
Tgt Ion:278 Resp: 706472

Ion Ratio Lower Upper

278 100

139 20.3 15.9 23.9

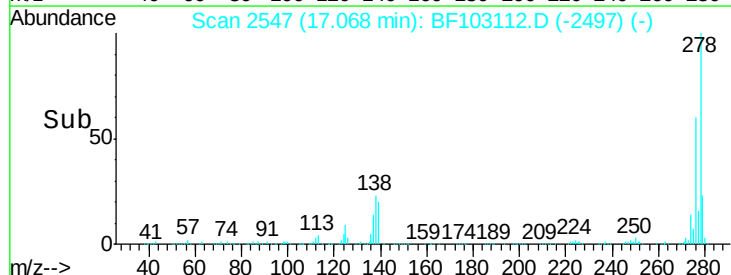
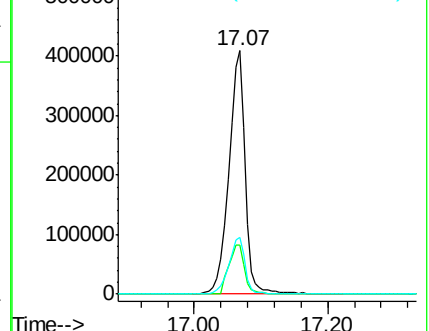
279 23.4 19.0 28.4

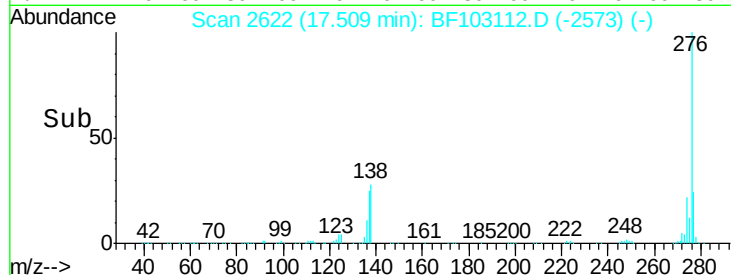
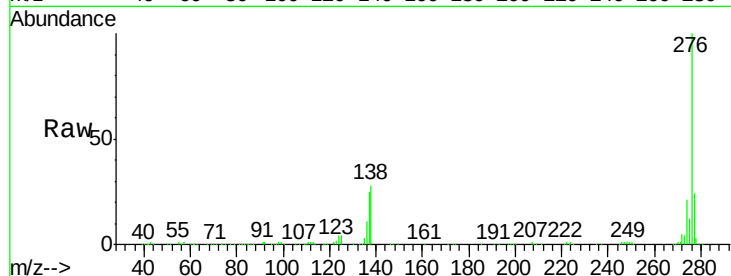
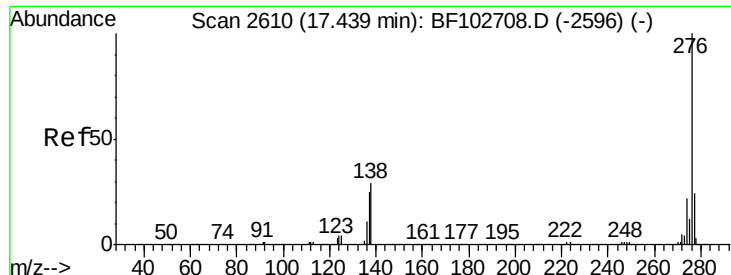


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.016 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. -0.01 min
 Lab File: BF103112.D
 Acq: 20 Feb 2018 9:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	706295
Ion Ratio	Lower	Upper	
276	100		
277	24.0	17.9	26.9
138	28.1	21.8	32.8

