

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103674.D
 Acq On : 15 Mar 2018 17:56
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 18:32:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151233	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	631060	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	294649	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	520257	20.00	ng	0.00
75) Chrysene-d12	14.16	240	428930	20.00	ng	0.00
86) Perylene-d12	15.69	264	401526	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	787223	79.17	ng	0.00
7) Phenol-d6	6.58	99	951735	78.24	ng	0.00
23) Nitrobenzene-d5	7.53	82	808758	89.37	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	219289	86.56	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1420020	76.88	ng	0.00
78) Terphenyl-d14	13.09	244	1357918	73.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	192379	39.293	ng	94
3) Pyridine	3.58	79	537282	39.898	ng	90
4) n-Nitrosodimethylamine	3.54	42	192806	38.831	ng	95
6) Aniline	6.63	93	665423	38.309	ng	97
8) 2-Chlorophenol	6.75	128	415585	39.899	ng	95
9) Benzaldehyde	6.52	77	312843	39.146	ng	99
10) Phenol	6.59	94	509184	39.392	ng	99
11) bis(2-Chloroethyl)ether	6.70	93	410670	38.485	ng	98
12) 1,3-Dichlorobenzene	6.91	146	456759	38.502	ng	100
13) 1,4-Dichlorobenzene	6.99	146	462954	38.836	ng	99
14) 1,2-Dichlorobenzene	7.14	146	439257	39.709	ng	100
15) Benzyl Alcohol	7.10	79	372560	39.528	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	584727	38.526	ng	96
17) 2-Methylphenol	7.20	107	360078	38.820	ng	99
18) Hexachloroethane	7.48	117	169366	40.391	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	301773	38.709	ng	97
20) 3+4-Methylphenols	7.36	107	471284	40.036	ng	95
22) Acetophenone	7.37	105	622241	38.366	ng	# 95
24) Nitrobenzene	7.55	77	447955	42.165	ng	97
25) Isophorone	7.79	82	799987	38.188	ng	99
26) 2-Nitrophenol	7.86	139	172052	43.635	ng	98
27) 2,4-Dimethylphenol	7.89	122	357724	39.861	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	489369	38.578	ng	100
29) 2,4-Dichlorophenol	8.10	162	328017	40.175	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	365536	38.600	ng	100
31) Naphthalene	8.27	128	1232109	38.651	ng	100
32) Benzoic acid	8.00	122	266498	43.306	ng	95
33) 4-Chloroaniline	8.32	127	508268	38.005	ng	99
34) Hexachlorobutadiene	8.39	225	200414	38.600	ng	98
35) Caprolactam	8.69	113	112446	39.995	ng	93
36) 4-Chloro-3-methylphenol	8.79	107	358034	39.777	ng	99
37) 2-Methylnaphthalene	8.96	142	780486	38.608	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	328465	39.075	ng	100
40) Hexachlorocyclopentadiene	9.12	237	187039	43.121	ng	99

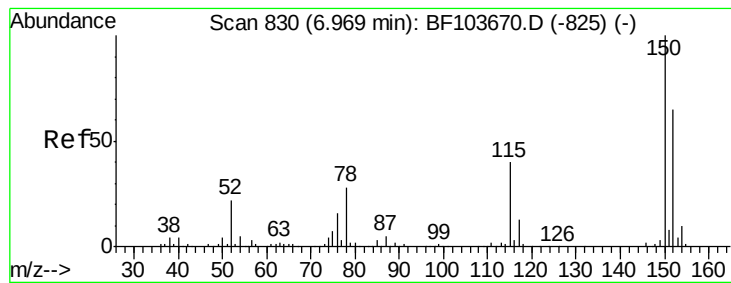
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103674.D
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 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	223087	41.491	ng	100
43) 2,4,5-Trichlorophenol	9.27	196	254671	41.965	ng	97
45) 1,1'-Biphenyl	9.43	154	953995	38.829	ng	100
46) 2-Chloronaphthalene	9.46	162	755258	38.702	ng	98
47) 2-Nitroaniline	9.55	65	218602	43.556	ng	92
48) Acenaphthylene	9.87	152	1167857	38.593	ng	99
49) Dimethylphthalate	9.73	163	874522	38.902	ng	100
50) 2,6-Dinitrotoluene	9.79	165	182323	42.430	ng	90
51) Acenaphthene	10.05	154	706300	39.309	ng	99
52) 3-Nitroaniline	9.96	138	213943	41.602	ng	93
53) 2,4-Dinitrophenol	10.06	184	43065	47.313	ng	# 40
54) Dibenzofuran	10.22	168	986830	38.455	ng	98
55) 4-Nitrophenol	10.10	139	161774	41.834	ng	93
56) 2,4-Dinitrotoluene	10.19	165	230528	42.640	ng	97
57) Fluorene	10.56	166	761978	38.265	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	184461	42.897	ng	100
59) Diethylphthalate	10.43	149	868279	38.915	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	344600	37.866	ng	96
61) 4-Nitroaniline	10.57	138	208574	42.082	ng	96
62) Azobenzene	10.71	77	872121	38.446	ng	98
64) 4,6-Dinitro-2-methylphenol	10.60	198	84830	45.549	ng	93
65) n-Nitrosodiphenylamine	10.67	169	690086	38.969	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	209325	39.187	ng	98
67) Hexachlorobenzene	11.10	284	236661	38.818	ng	99
68) Atrazine	11.19	200	211629	38.632	ng	99
69) Pentachlorophenol	11.30	266	150999	43.080	ng	97
70) Phenanthrene	11.53	178	1099436	38.632	ng	99
71) Anthracene	11.58	178	1113373	38.518	ng	100
72) Carbazole	11.73	167	1092685	38.894	ng	99
73) Di-n-butylphthalate	12.06	149	1347214	39.965	ng	99
74) Fluoranthene	12.72	202	1131240	38.583	ng	98
76) Benzidine	12.84	184	698975	38.208	ng	# 95
77) Pyrene	12.95	202	1184878	37.615	ng	100
79) Butylbenzylphthalate	13.56	149	567537	40.665	ng	97
80) Benzo(a)anthracene	14.14	228	1042492	38.396	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	372282	40.992	ng	97
82) Chrysene	14.19	228	1011053	39.064	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	827079	41.483	ng	100
84) Di-n-octyl phthalate	14.76	149	1276152	43.996	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	965188	42.703	ng	97
87) Benzo(b)fluoranthene	15.24	252	988263	38.958	ng	98
88) Benzo(k)fluoranthene	15.27	252	913871	37.477	ng	99
89) Benzo(a)pyrene	15.63	252	897851	39.023	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	808218	40.567	ng	98
91) Benzo(g,h,i)perylene	17.74	276	777124	40.095	ng	97

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

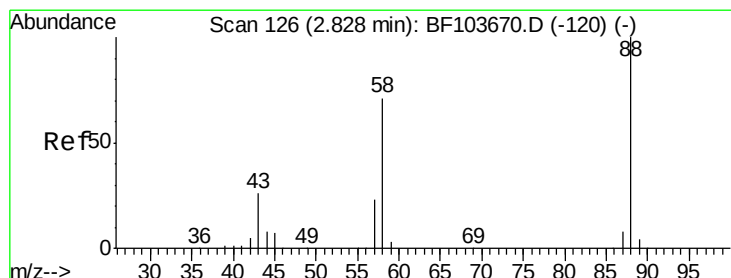
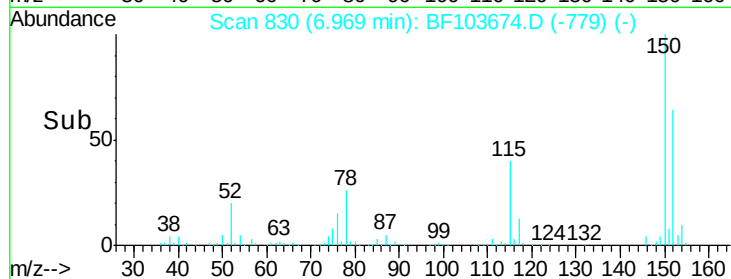
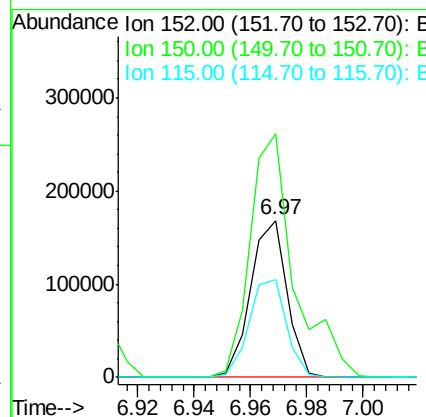
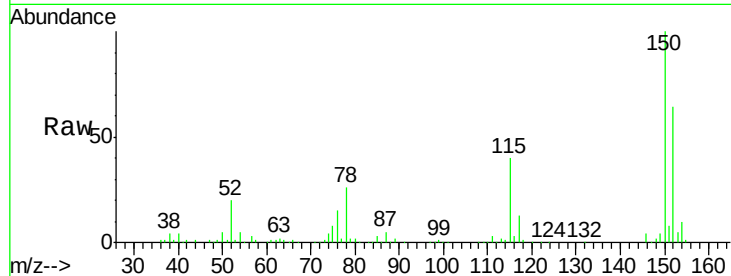


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Instrument :
BNA_F
ClientSampleId :

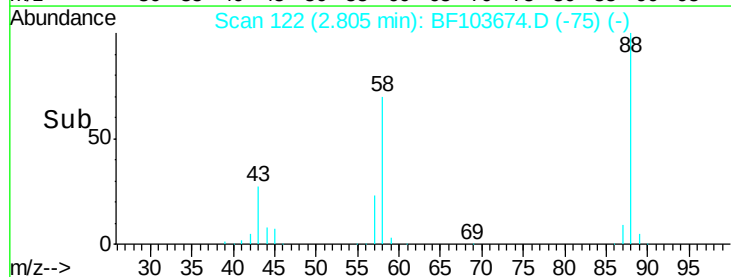
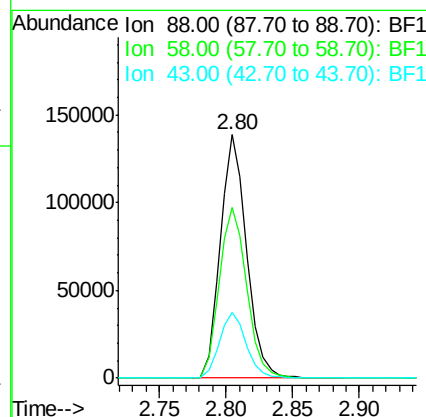
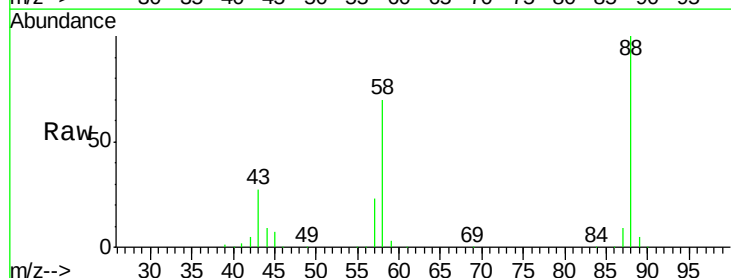
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	62.4	50.1	75.1

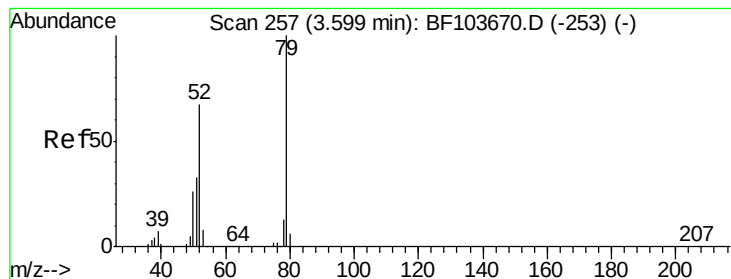


#2

1,4-Dioxane
Concen: 39.293 ng
RT: 2.80 min Scan# 122
Delta R.T. -0.02 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	62.6	93.8
43	27.5	24.6	37.0





#3

Pvrirdine

Concen: 39.898 ng

RT: 3.58 min Scan# 254

Delta R.T. -0.02 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

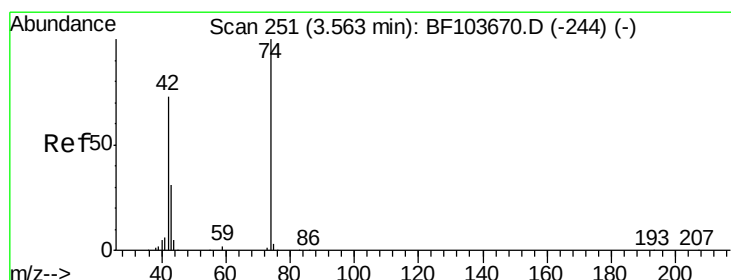
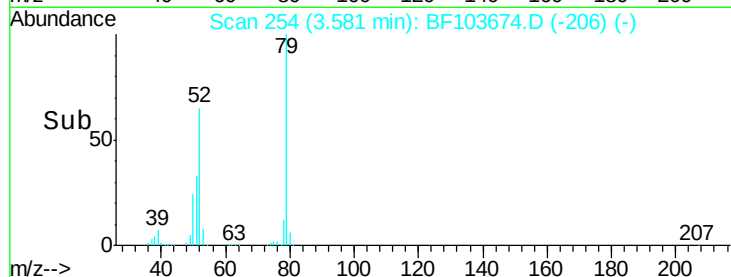
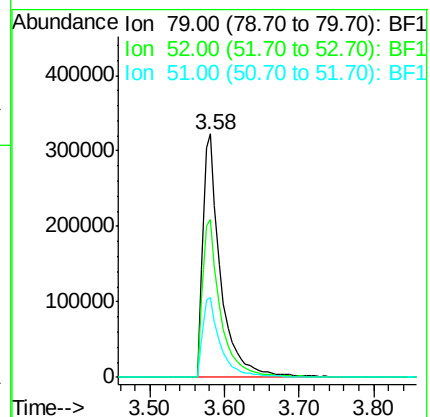
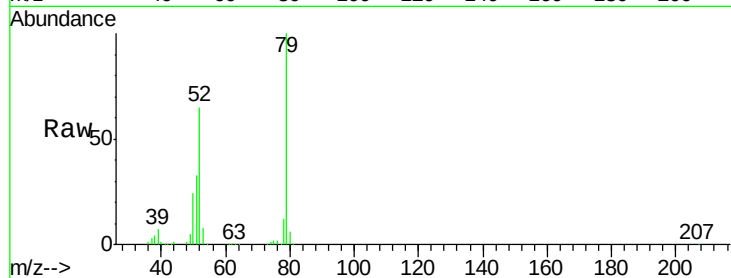
Tot Ion: 79 Resp: 537282

Ion Ratio Lower Upper

79 100

52 64.9 59.8 89.6

51 32.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 38.831 ng

RT: 3.54 min Scan# 247

Delta R.T. -0.02 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

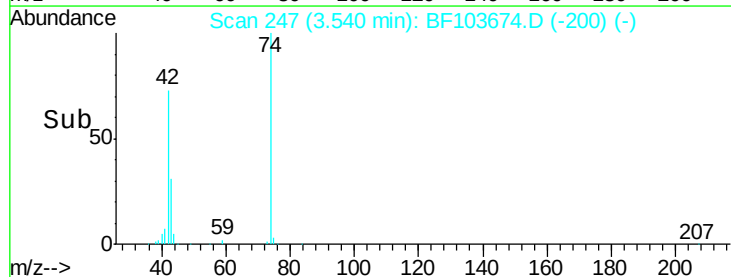
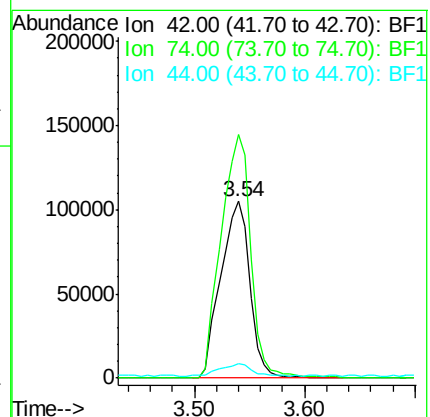
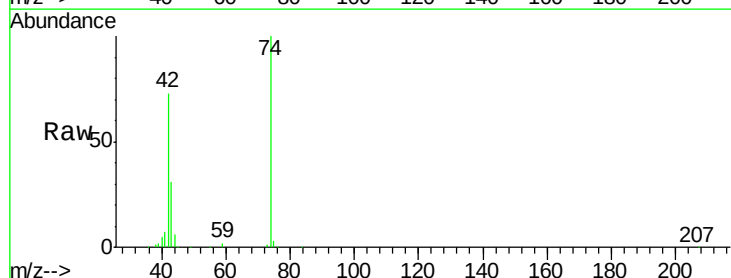
Tgt Ion: 42 Resp: 192806

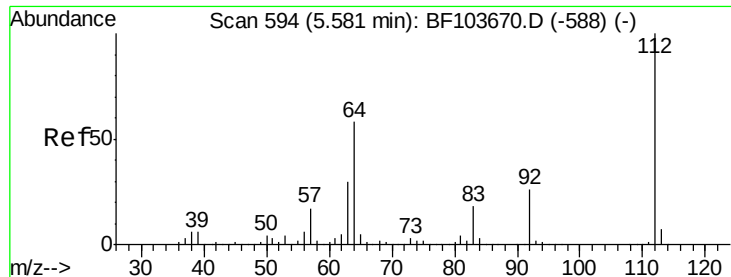
Ion Ratio Lower Upper

42 100

74 137.8 104.9 157.3

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 79.173 ng

RT: 5.57 min Scan# 593

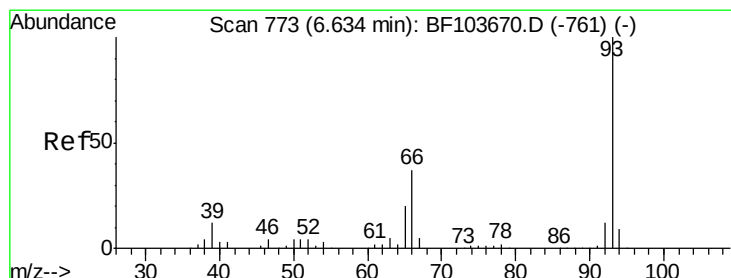
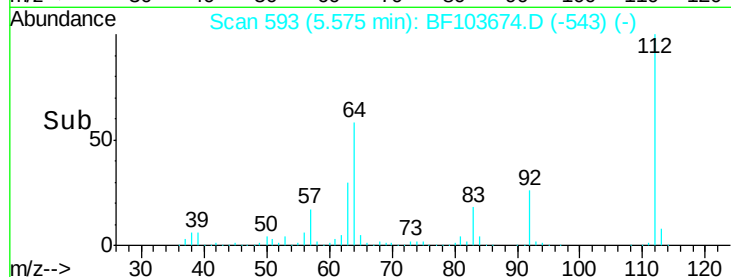
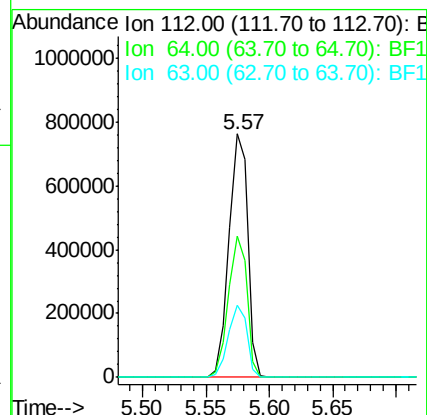
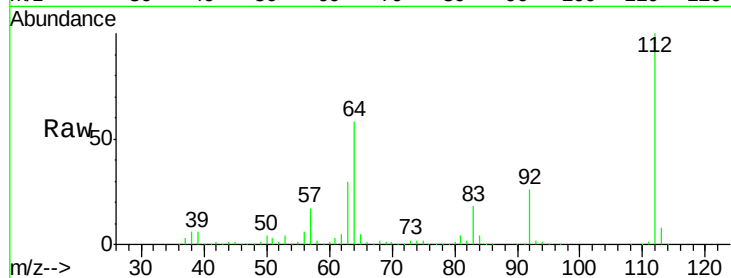
Delta R.T. -0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	787223
Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.8	23.7	35.5



#6

Aniline

Concen: 38.309 ng

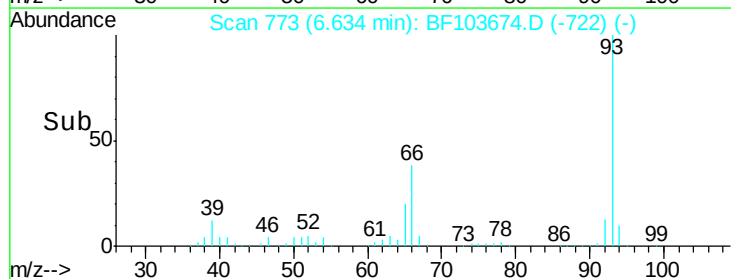
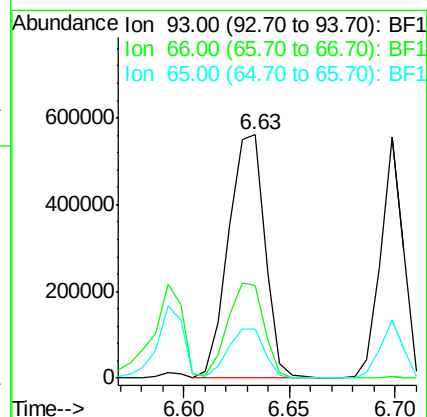
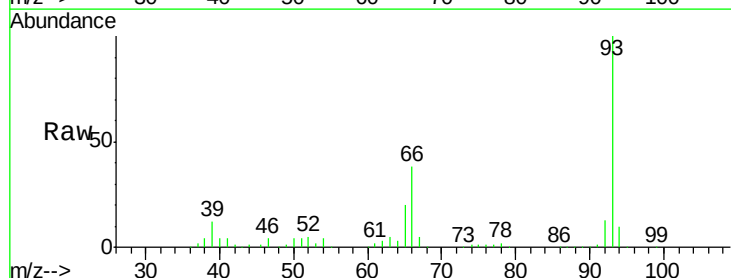
RT: 6.63 min Scan# 773

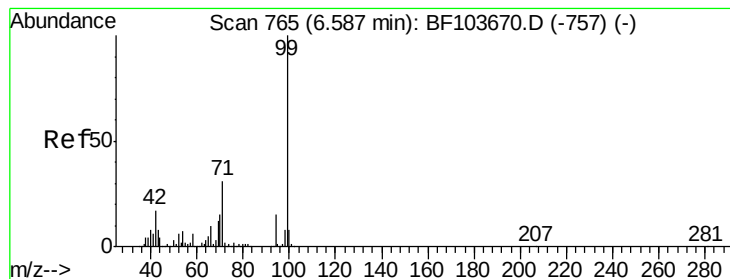
Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Tgt Ion:	93	Resp:	665423
Ion	Ratio	Lower	Upper
93	100		
66	37.9	32.2	48.2
65	19.9	16.4	24.6





#7

Phenol-d6

Concen: 78.238 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

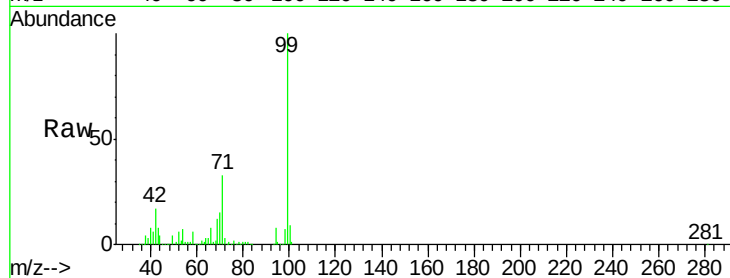
Tot Ion: 99 Resp: 951735

Ion Ratio Lower Upper

99 100

42 17.5 14.5 21.7

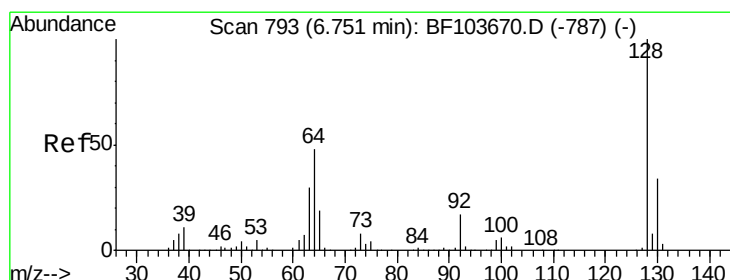
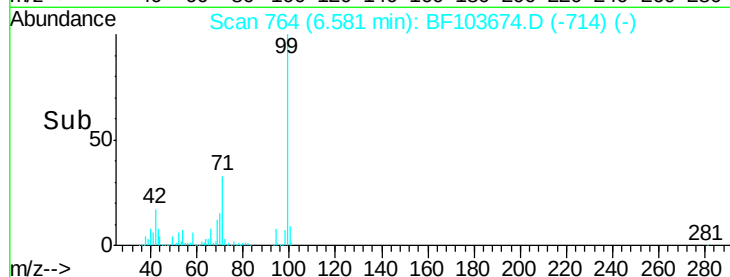
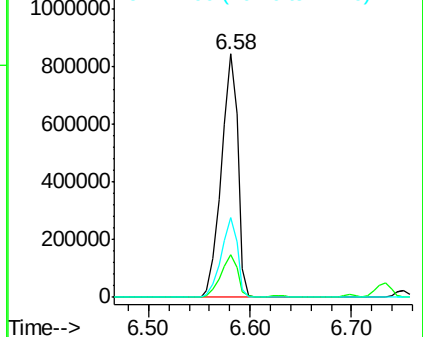
71 32.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.899 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

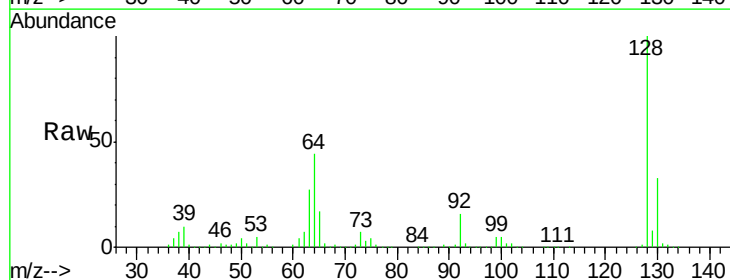
Tgt Ion: 128 Resp: 415585

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

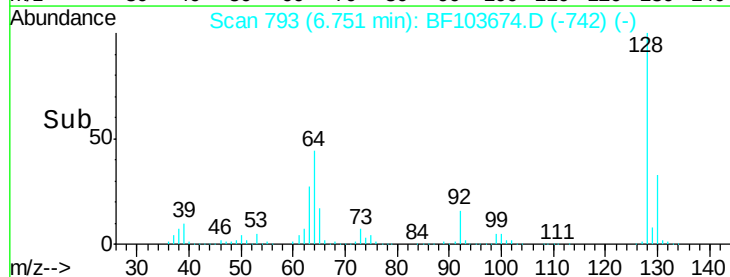
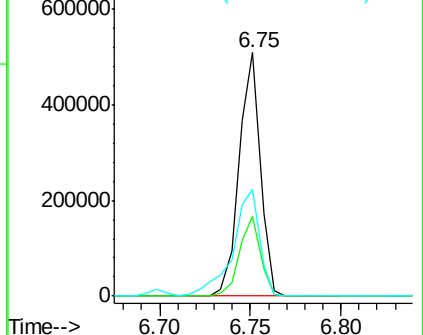
64 43.8 29.4 69.4

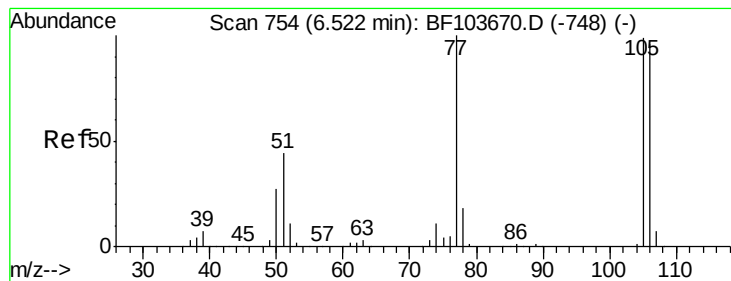


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.146 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampled :

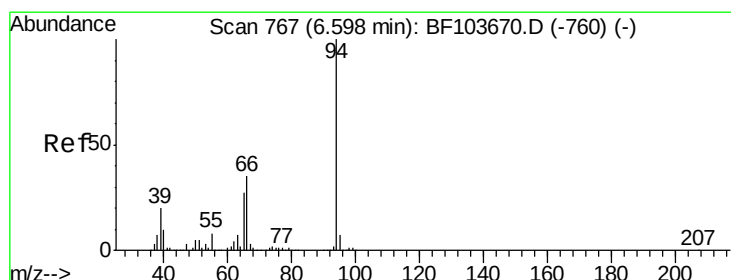
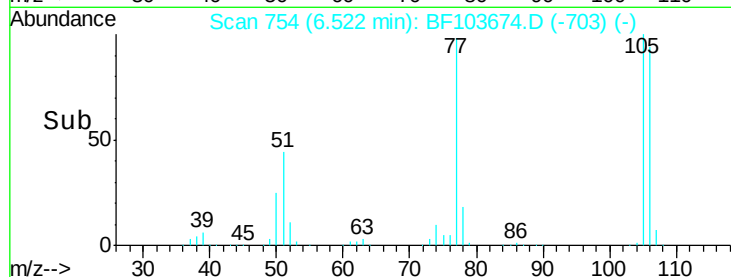
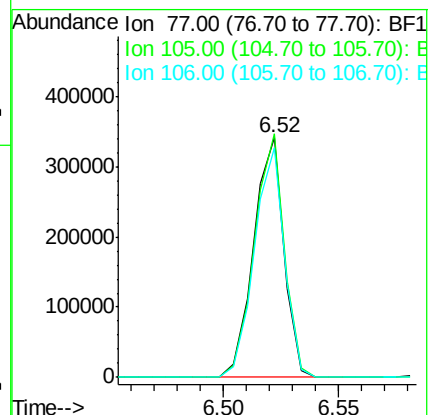
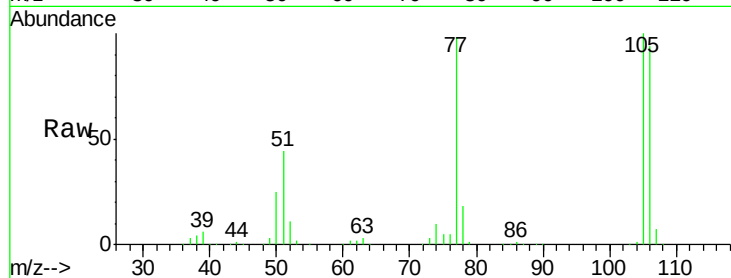
Tot Ion: 77 Resp: 312843

Ion Ratio Lower Upper

77 100

105 101.6 81.1 121.1

106 96.0 74.5 114.5



#10

Phenol

Concen: 39.392 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

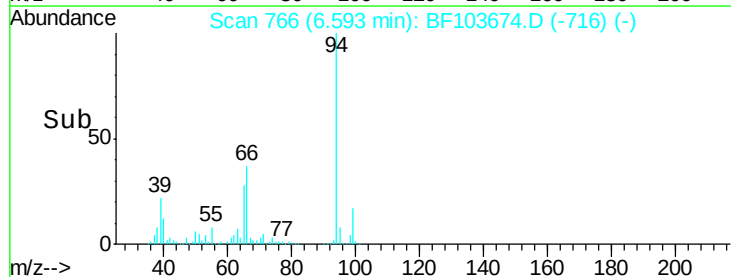
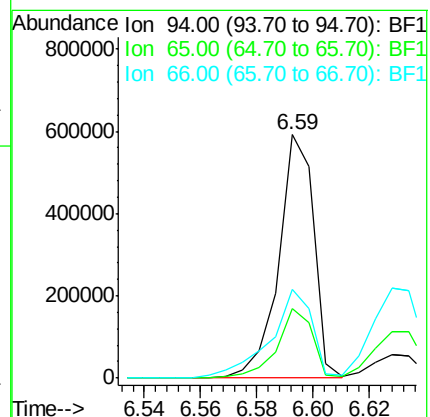
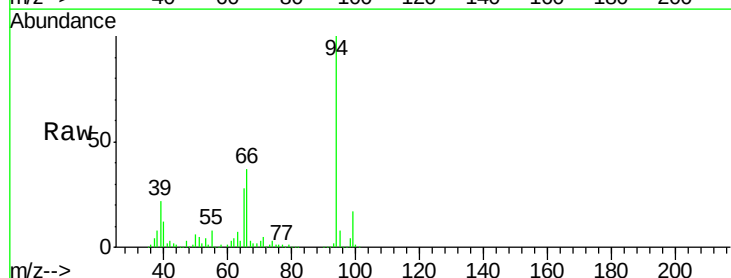
Tgt Ion: 94 Resp: 509184

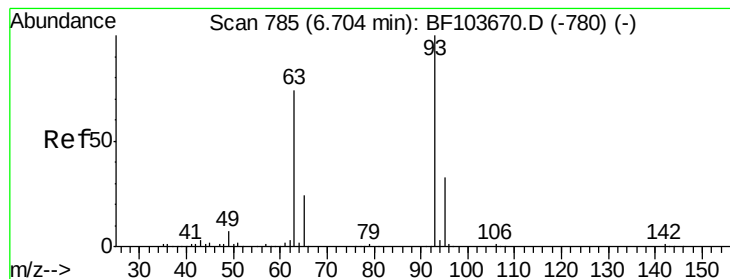
Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

66 36.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.485 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

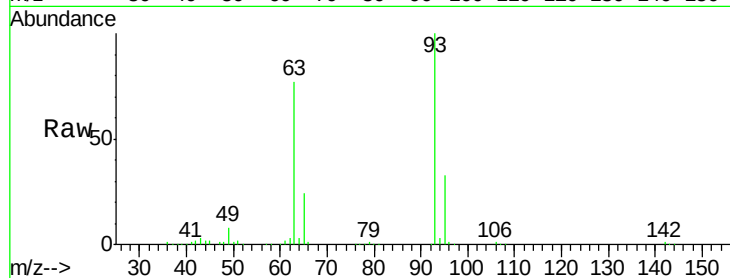
Tot Ion: 93 Resp: 410670

Ion Ratio Lower Upper

93 100

63 76.9 58.6 98.6

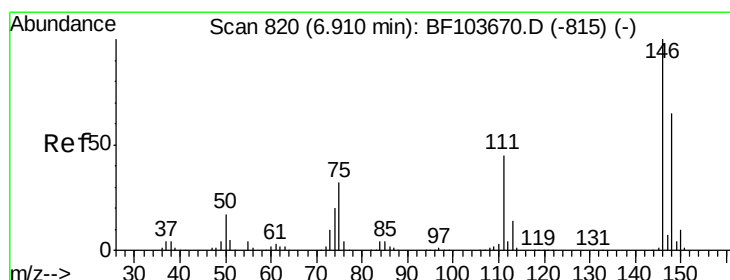
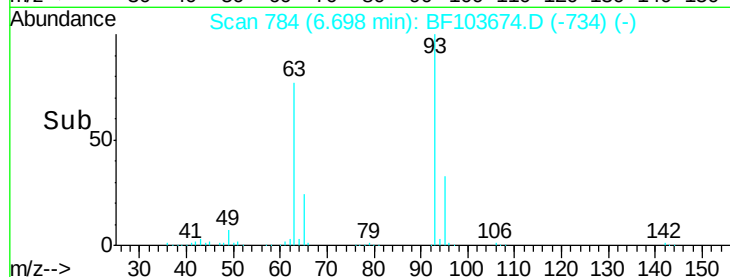
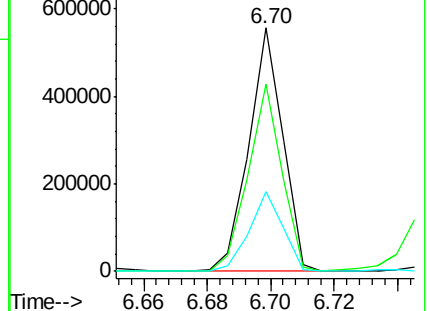
95 33.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.502 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

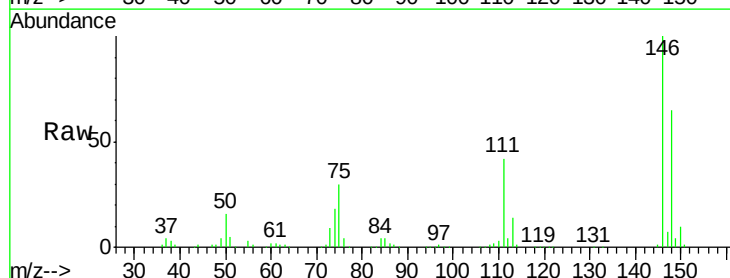
Tgt Ion: 146 Resp: 456759

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.8

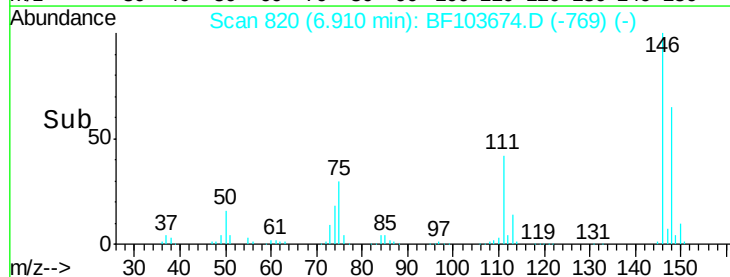
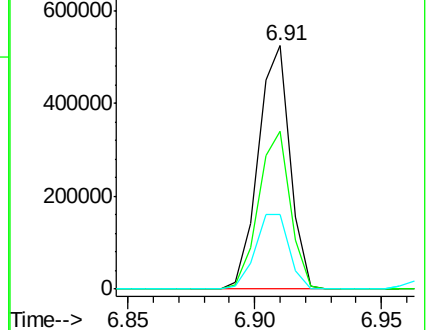
75 30.4 24.2 36.4

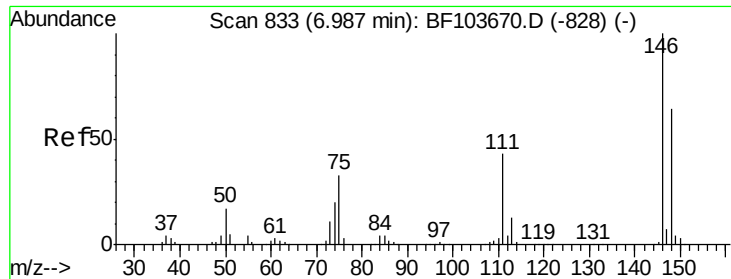


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 38.836 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

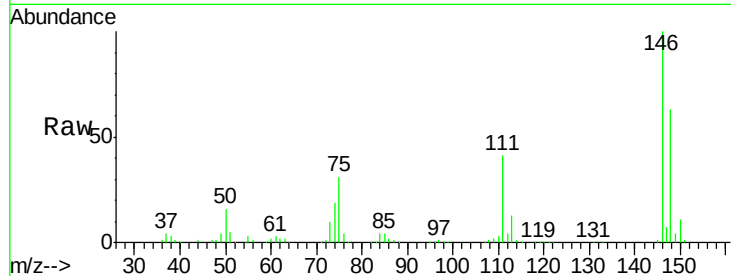
Tot Ion:146 Resp: 462954

Ion Ratio Lower Upper

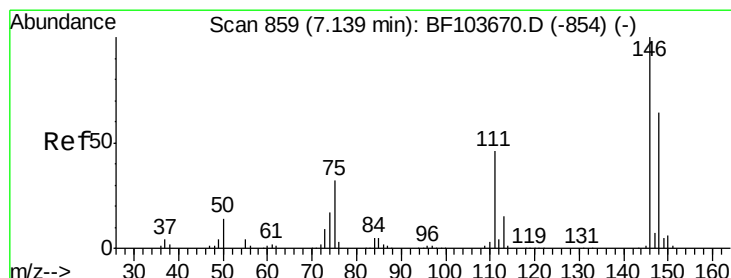
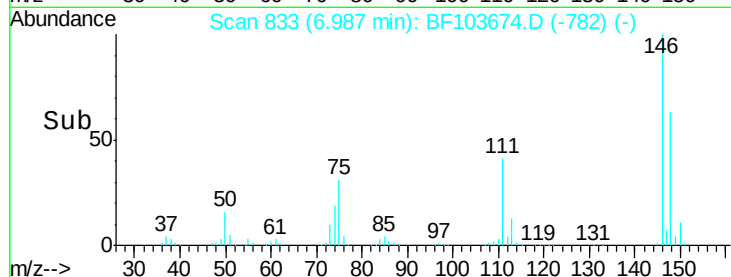
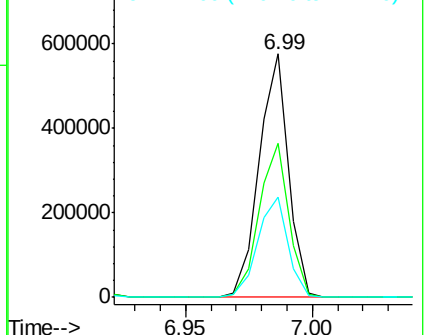
146 100

148 63.3 50.8 76.2

111 41.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.709 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

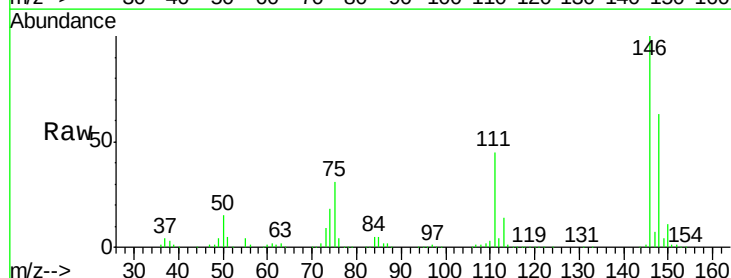
Tgt Ion:146 Resp: 439257

Ion Ratio Lower Upper

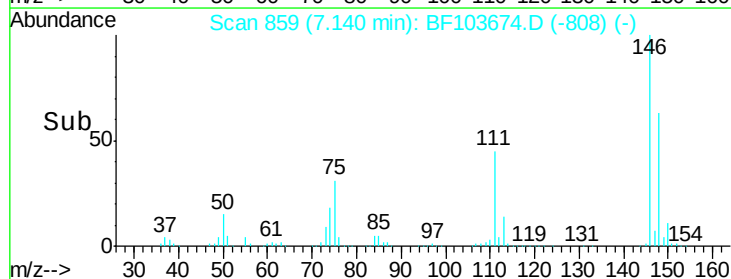
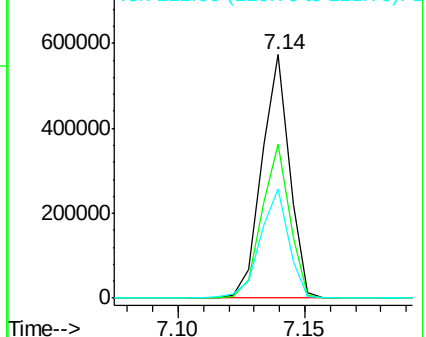
146 100

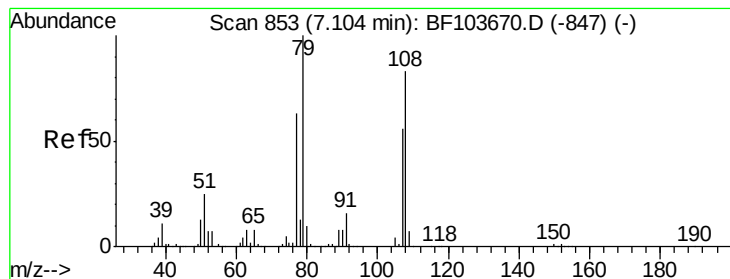
148 63.4 50.6 75.8

111 44.6 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: 39.528 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

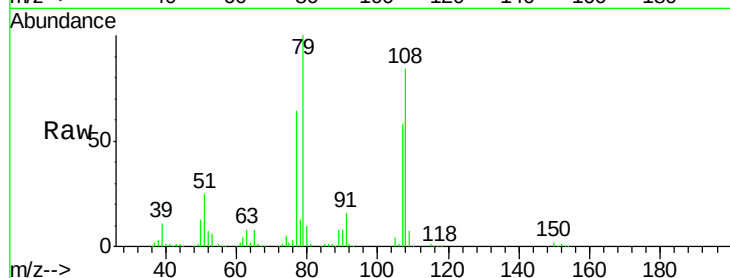
Tot Ion: 79 Resp: 372560

Ion Ratio Lower Upper

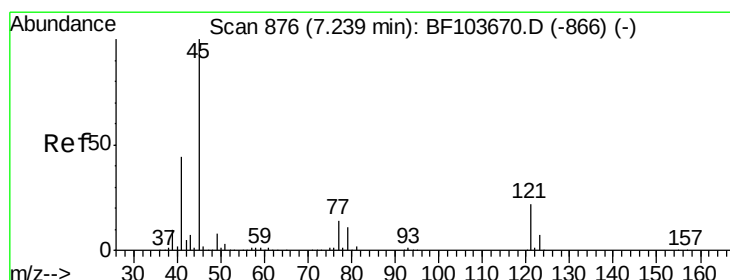
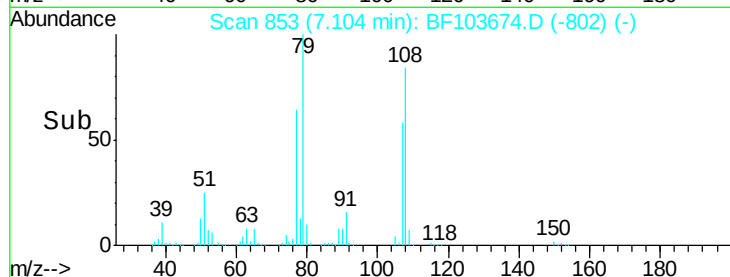
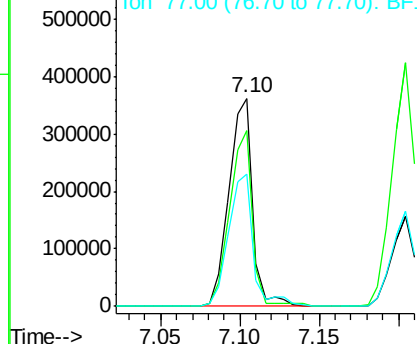
79 100

108 84.4 65.1 97.7

77 63.8 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.526 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

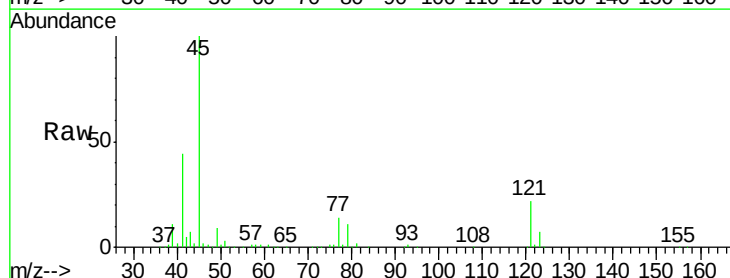
Tgt Ion: 45 Resp: 584727

Ion Ratio Lower Upper

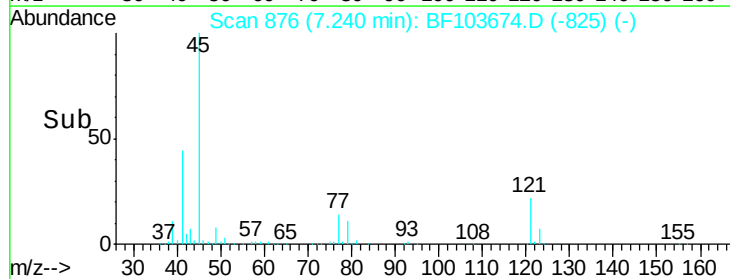
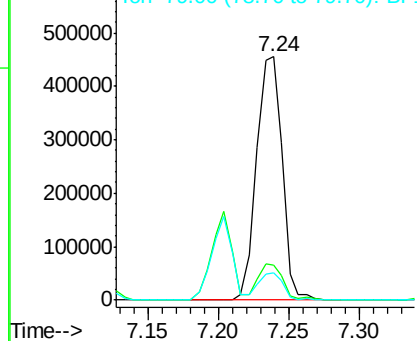
45 100

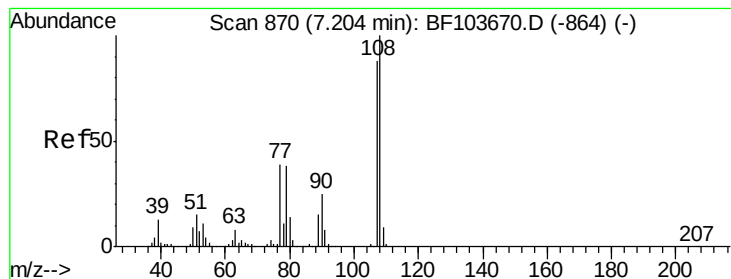
77 14.5 0.0 32.9

79 11.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

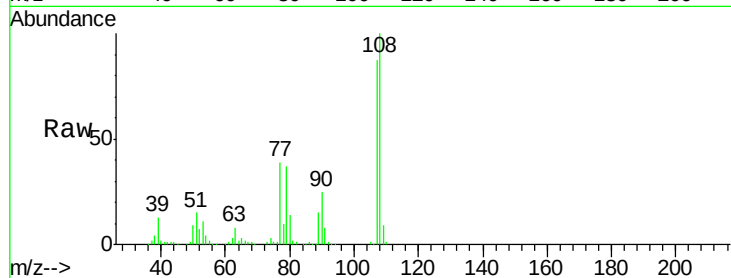




#17
2-Methylphenol
Concen: 38.820 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	44.9	33.8	50.8
79	42.4	33.8	50.8



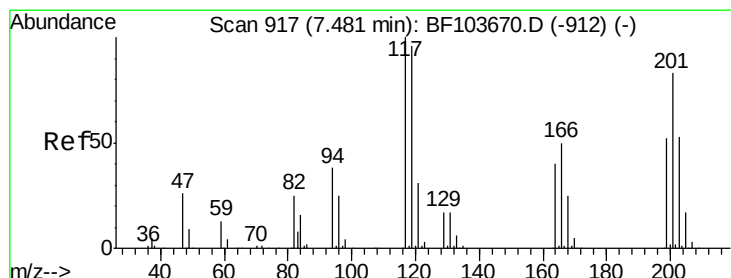
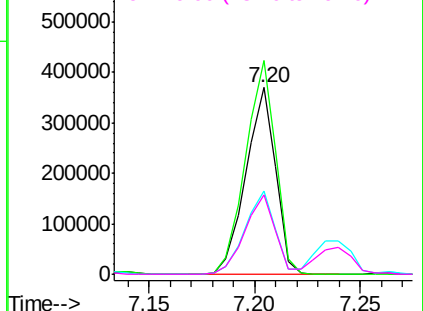
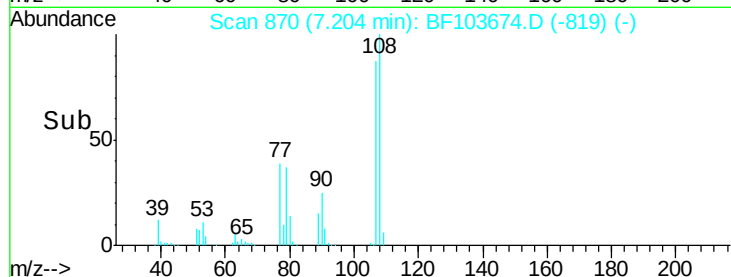
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

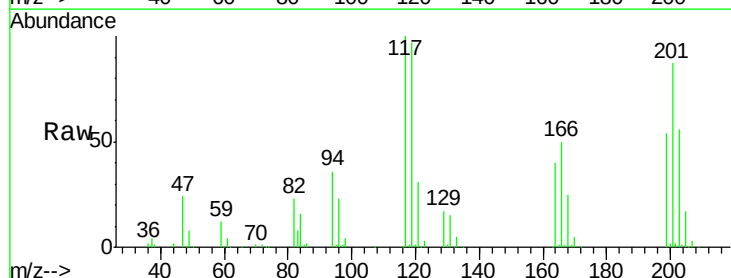
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.391 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.8	113.8
201	87.1	75.7	113.5

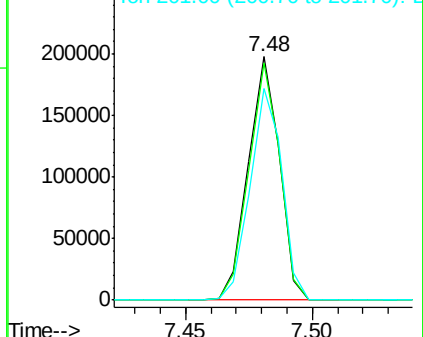
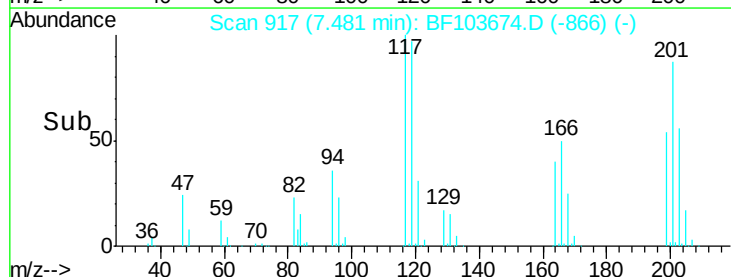


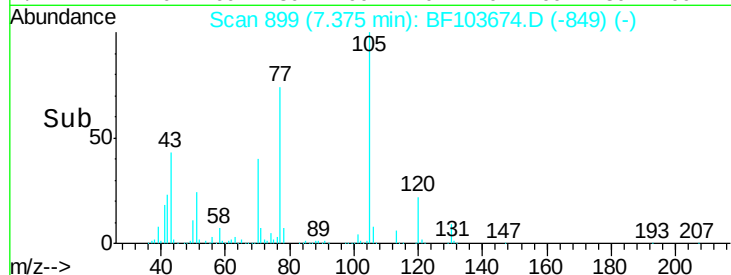
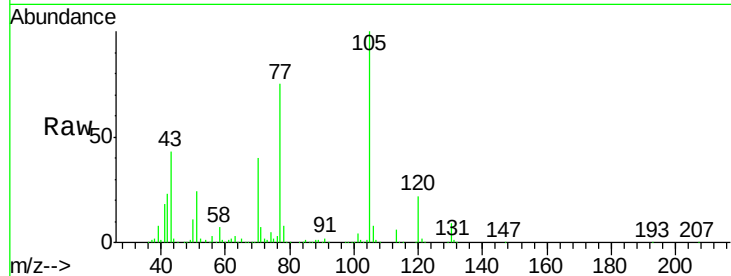
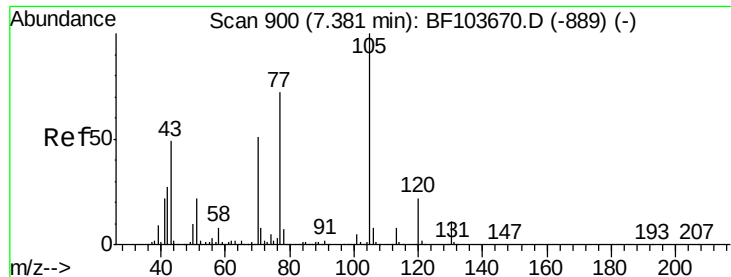
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

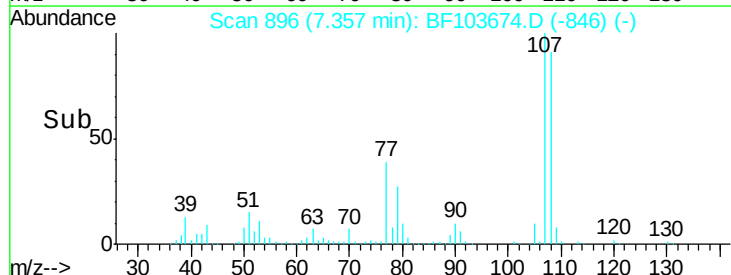
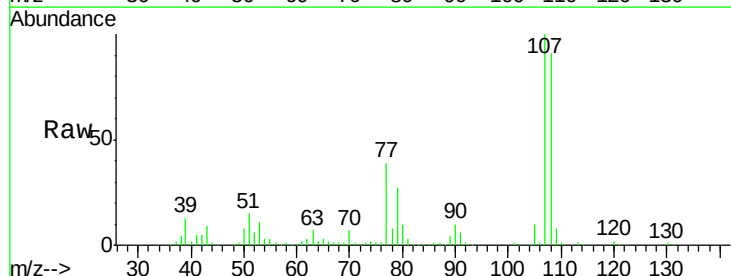
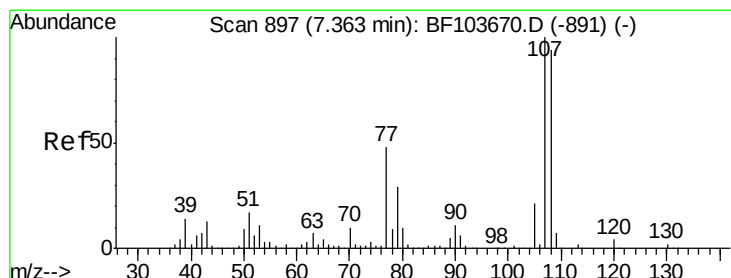
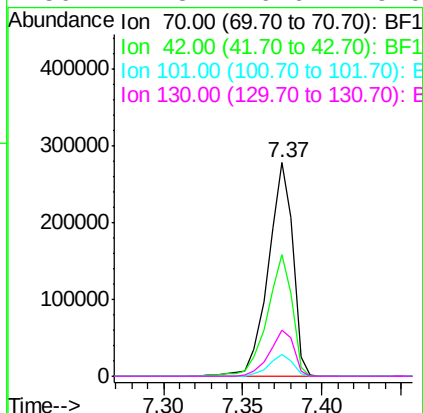




#19
n-Nitroso-di-n-propylamine
Concen: 38.709 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

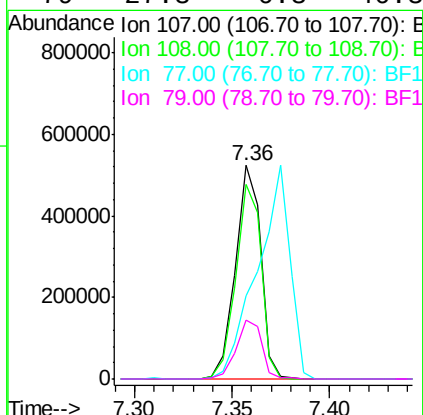
Instrument :
BNA_F
ClientSampleId :

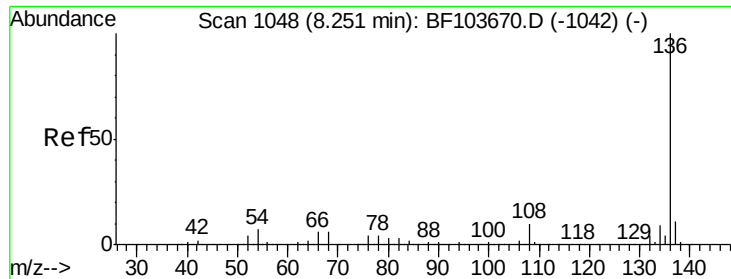
Tot Ion:	70	Resp:	301773
Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.5	71.3
101	10.2	7.4	11.2
130	21.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.036 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion:	107	Resp:	471284
Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	39.1	26.7	66.7
79	27.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 631060

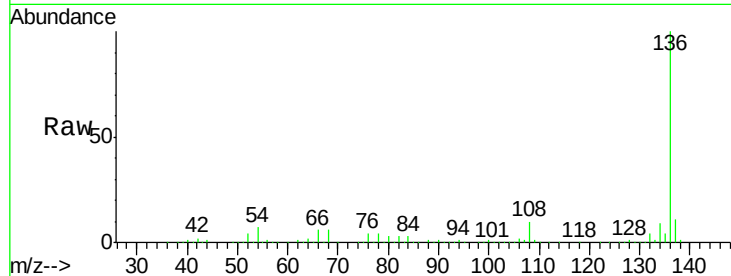
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.8 5.0 7.4

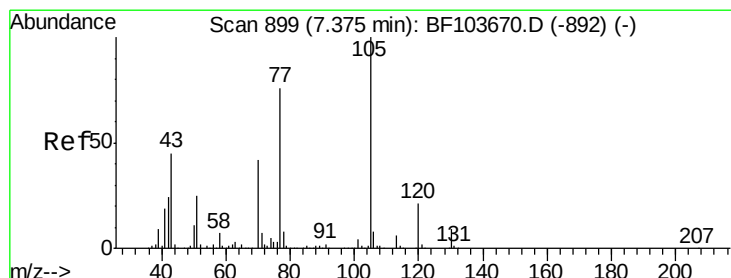
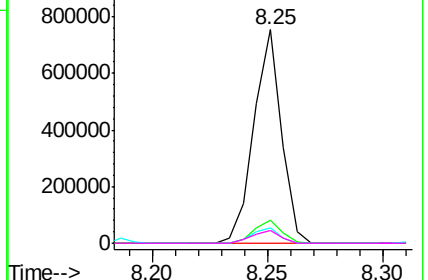
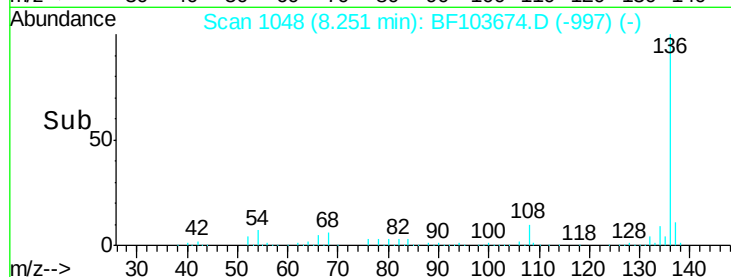


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.366 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Tgt Ion:105 Resp: 622241

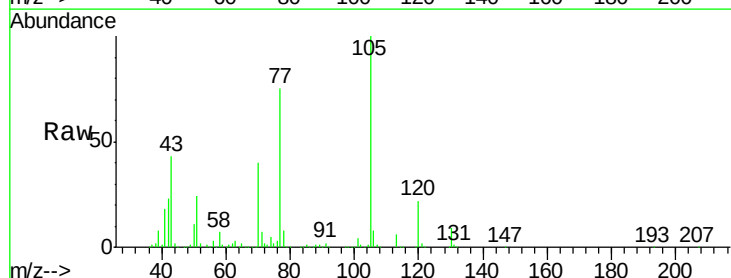
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 23.8 22.3 33.5

120 22.1 16.9 25.3

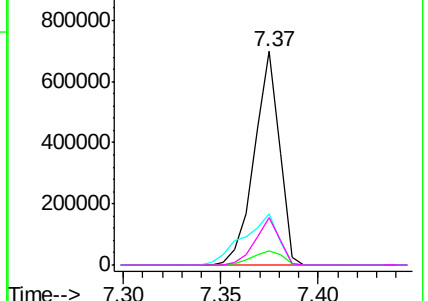
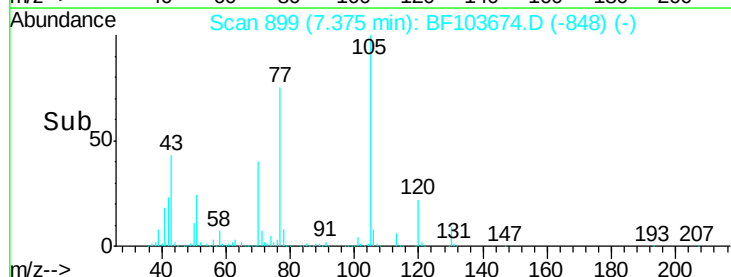


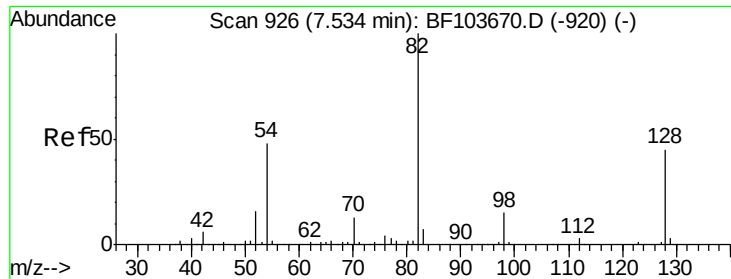
Abundance Ion 105.00 (104.70 to 105.70): E

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

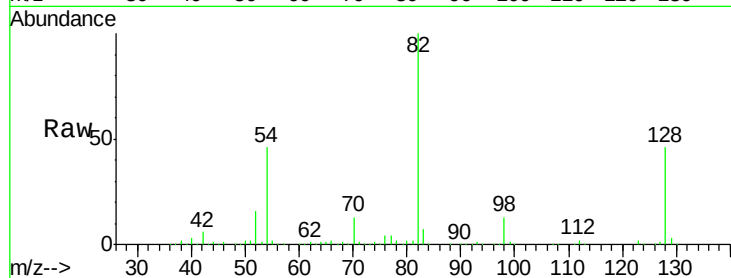




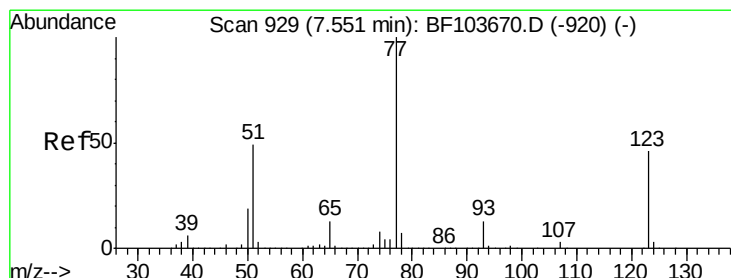
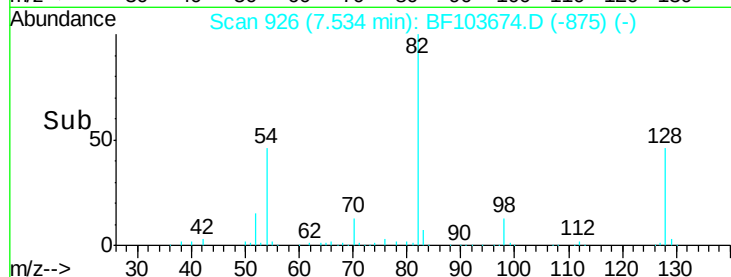
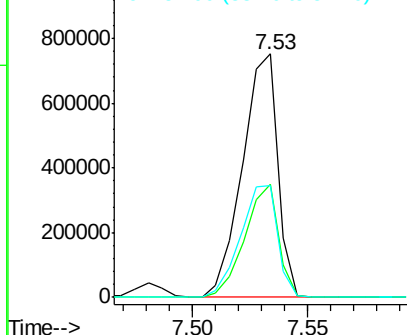
#23
 Nitrobenzene-d5
 Concen: 89.373 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	45.9	41.4	62.2

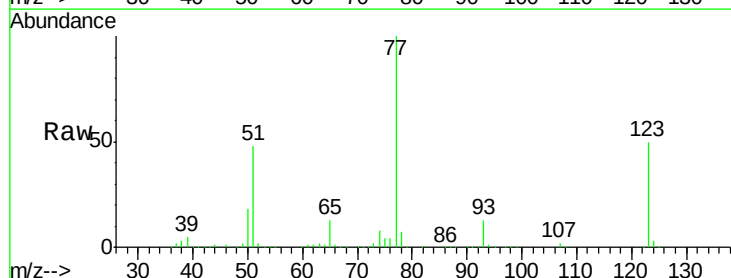


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

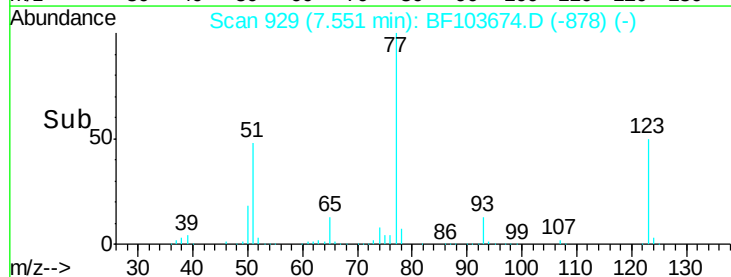
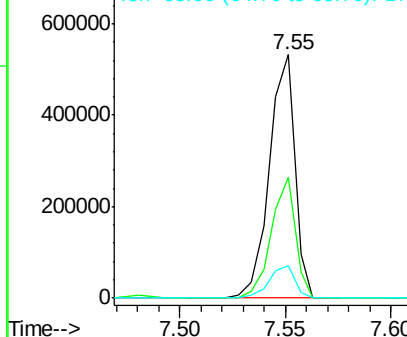


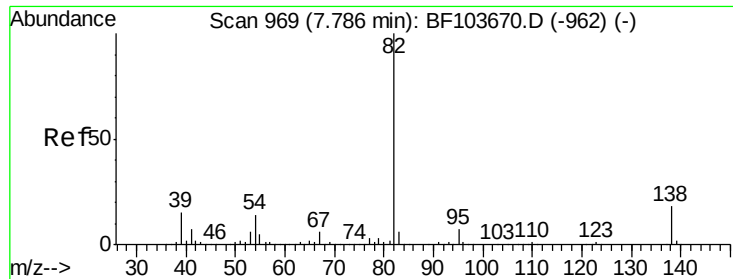
#24
 Nitrobenzene
 Concen: 42.165 ng
 RT: 7.55 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	37.9	56.9
65	13.1	11.0	16.4



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

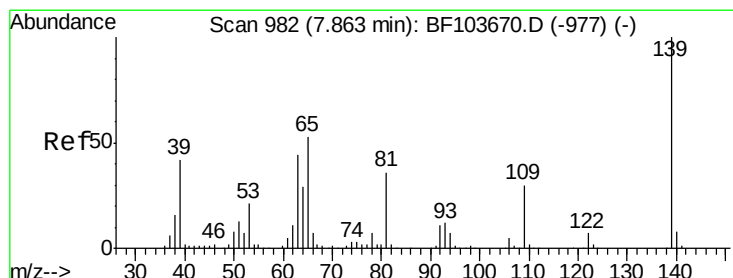
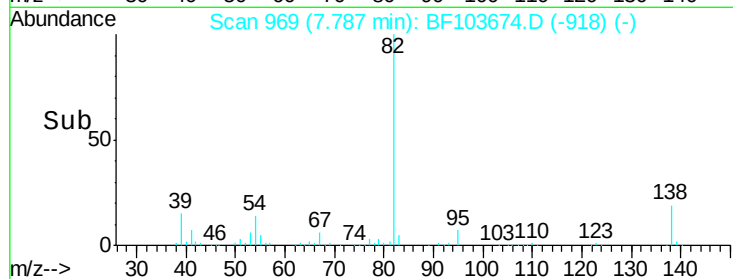
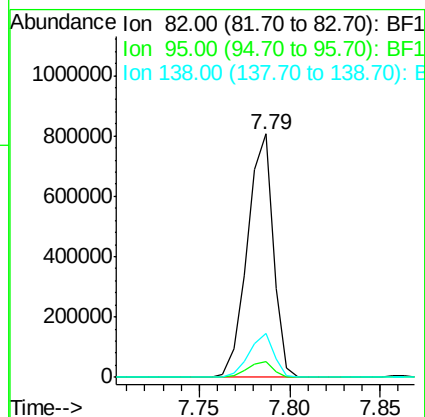
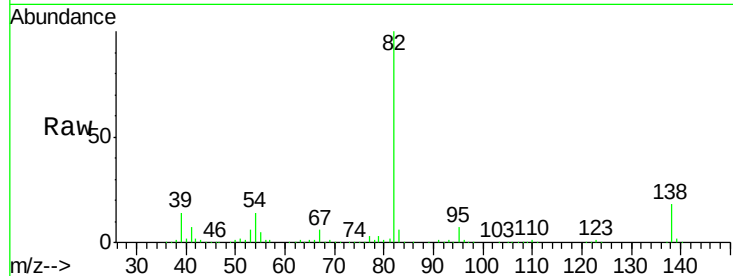




#25
Isophorone
Concen: 38.188 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

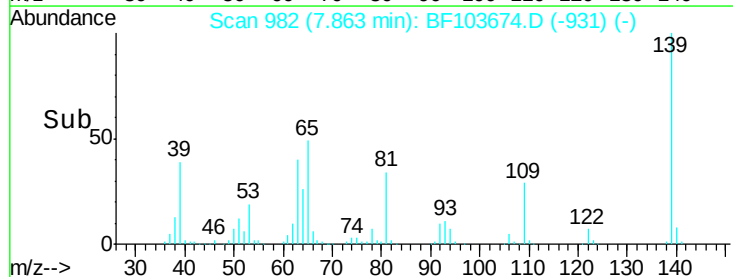
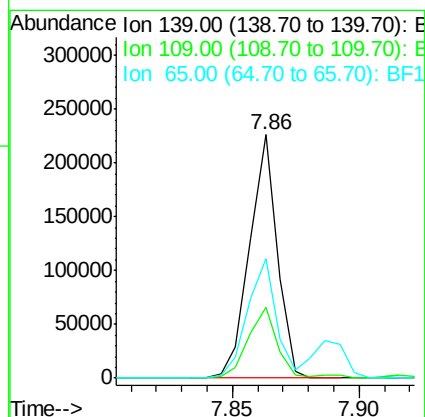
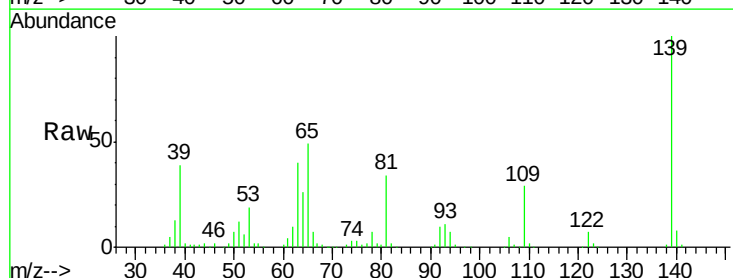
Instrument :
BNA_F
ClientSampled :

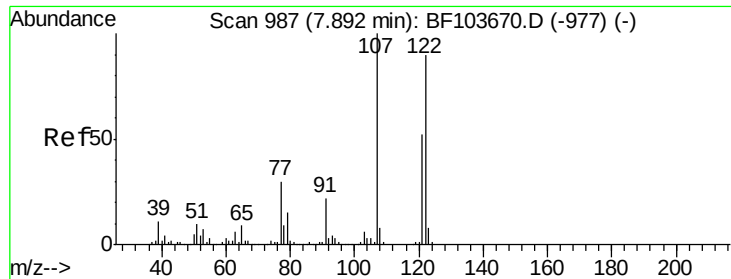
Tot Ion: 82 Resp: 799987
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 18.1 14.9 22.3



#26
2-Nitrophenol
Concen: 43.635 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion: 139 Resp: 172052
Ion Ratio Lower Upper
139 100
109 29.0 22.7 34.1
65 49.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.861 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

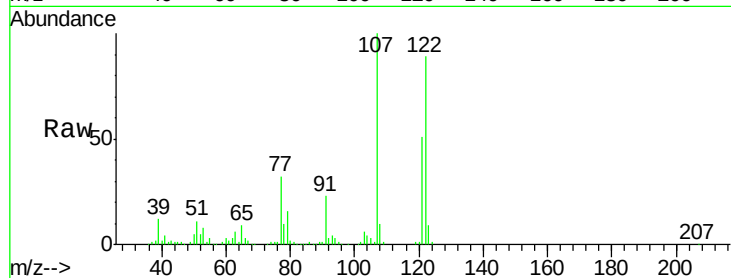
Tot Ion:122 Resp: 357724

Ion Ratio Lower Upper

122 100

107 112.9 91.2 136.8

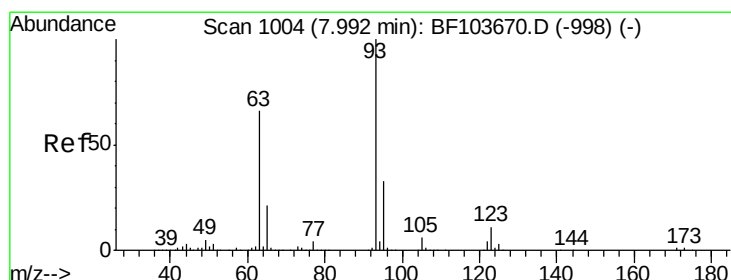
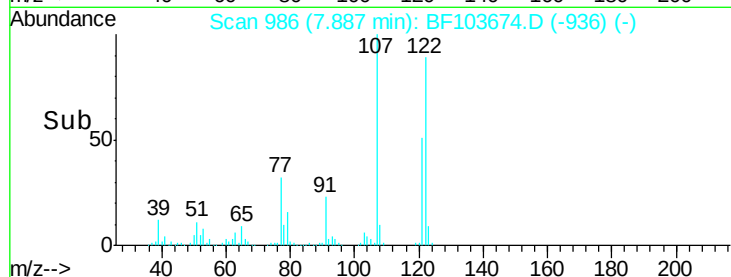
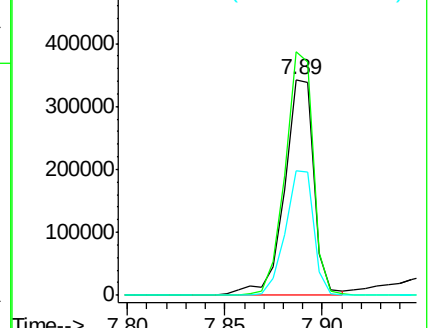
121 57.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.578 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

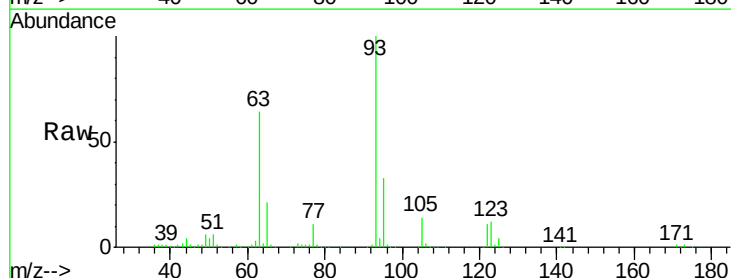
Tgt Ion: 93 Resp: 489369

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

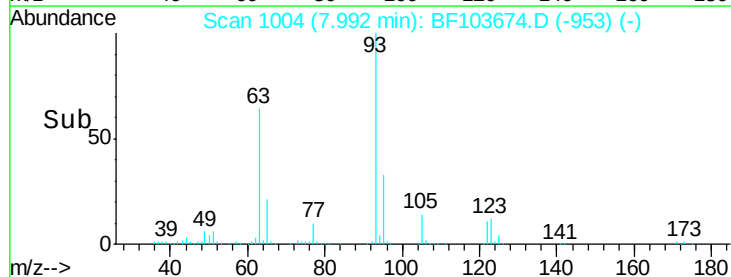
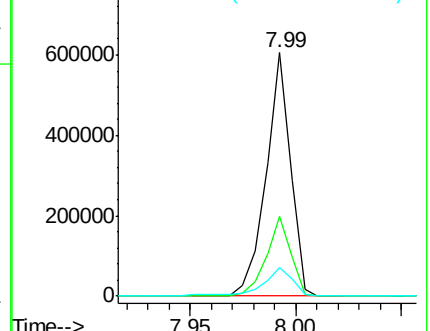
123 11.9 9.8 14.6

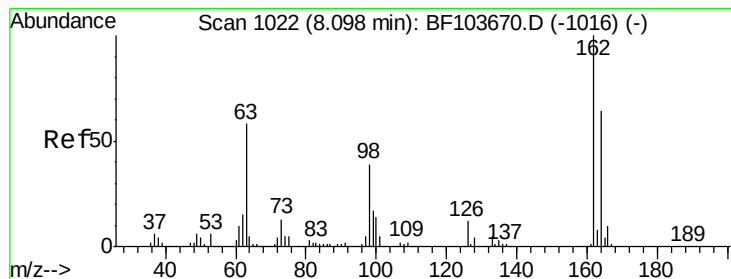


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.175 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampled :

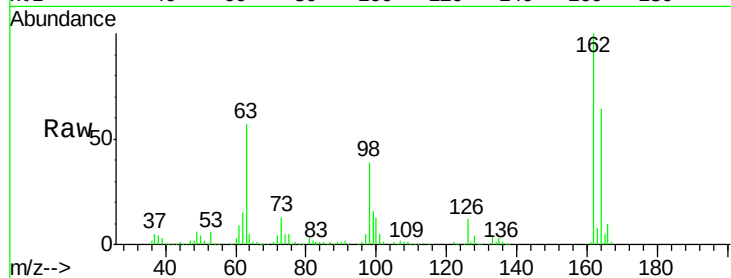
Tot Ion:162 Resp: 328017

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

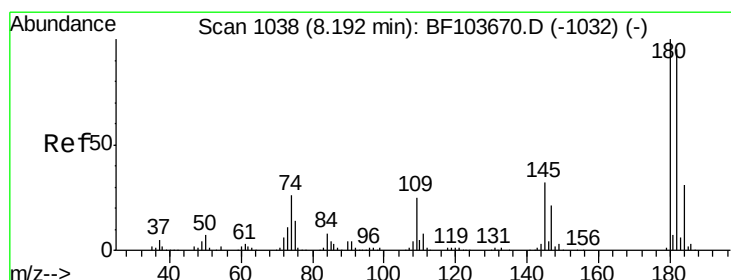
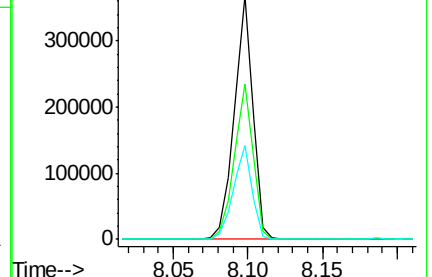
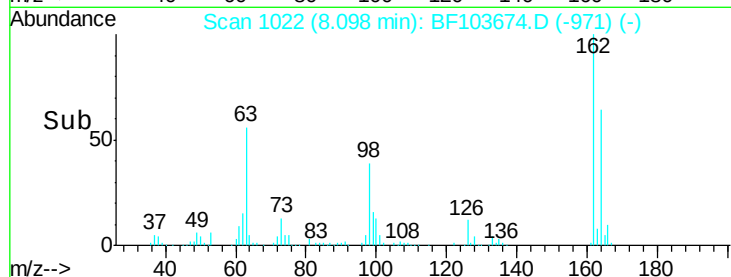
98 38.6 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.600 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

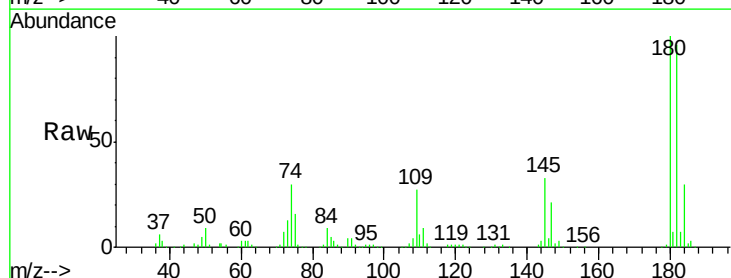
Tgt Ion:180 Resp: 365536

Ion Ratio Lower Upper

180 100

182 96.2 76.8 115.2

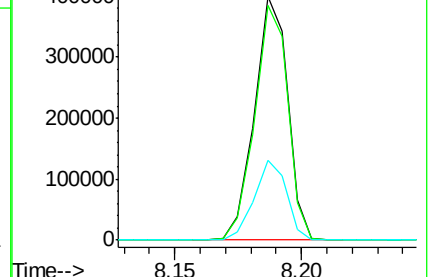
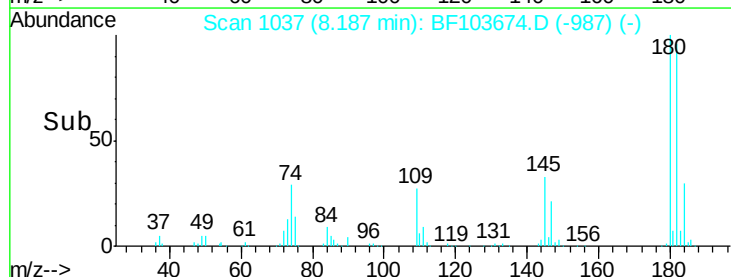
145 32.6 26.5 39.7

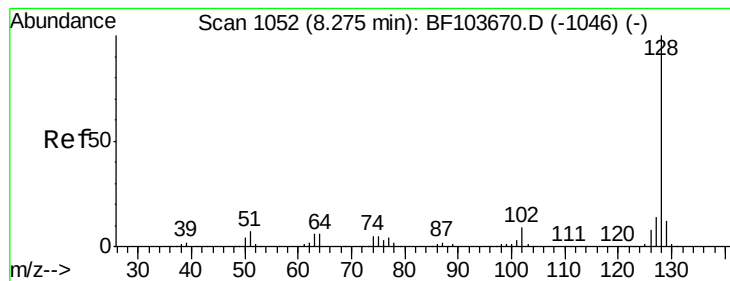


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.651 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

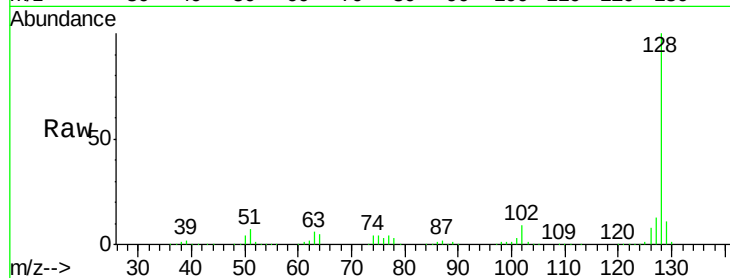
Tot Ion:128 Resp: 1232109

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

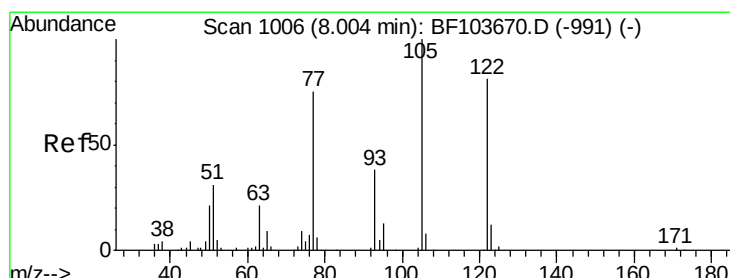
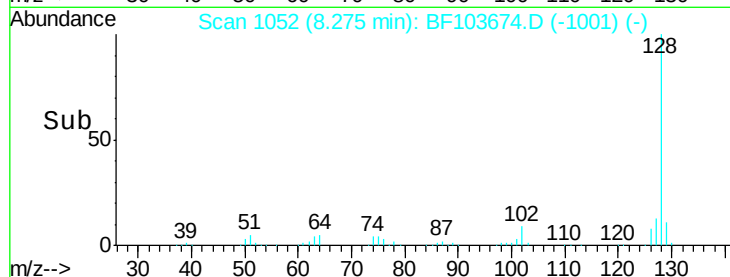
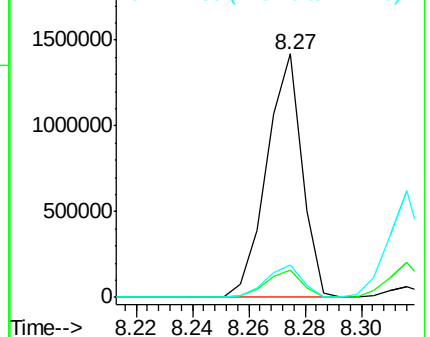
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.306 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

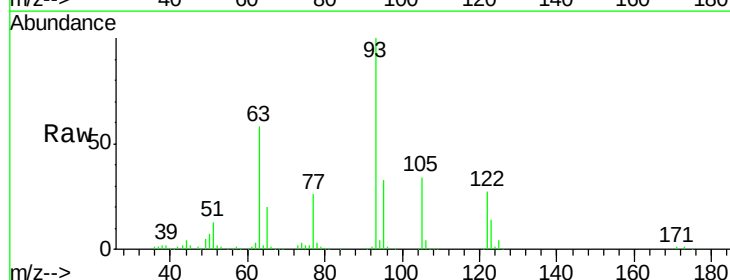
Tgt Ion:122 Resp: 266498

Ion Ratio Lower Upper

122 100

105 126.2 101.1 141.1

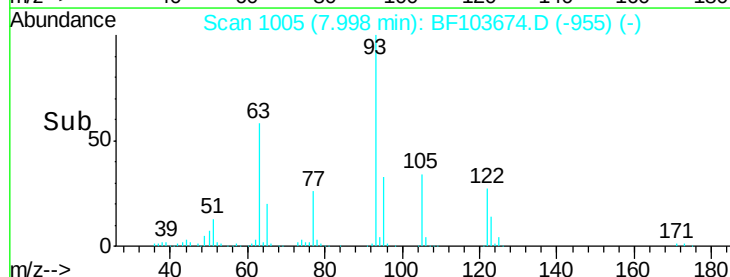
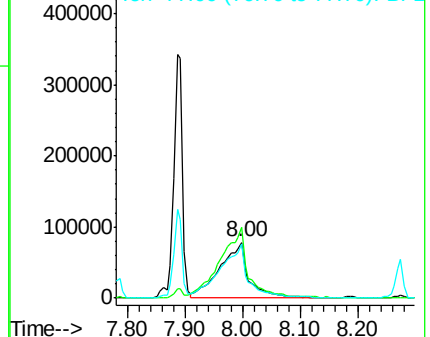
77 95.9 70.7 110.7

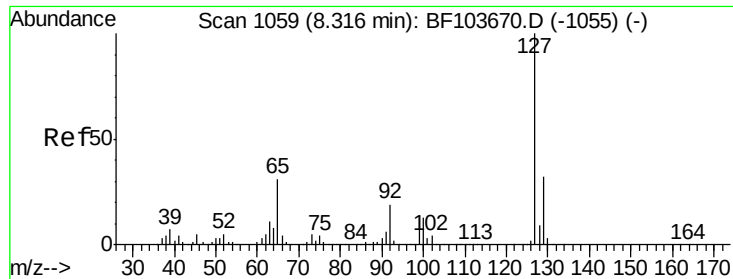


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

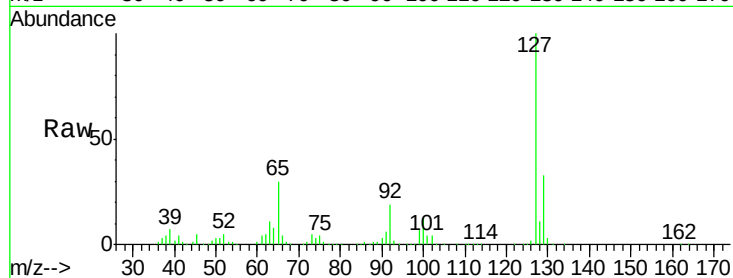




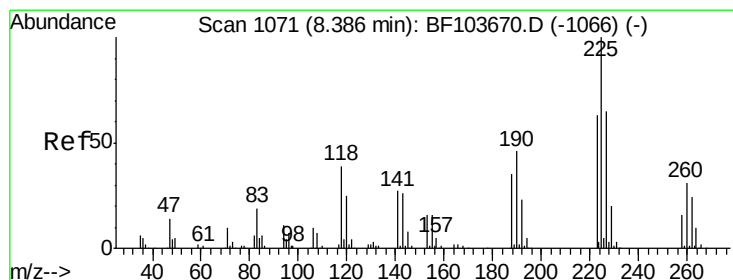
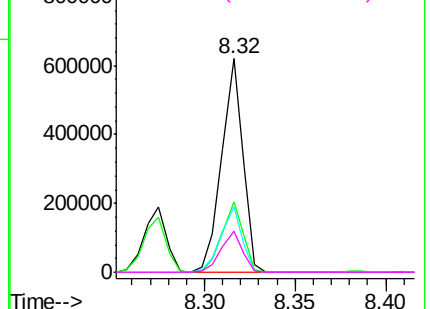
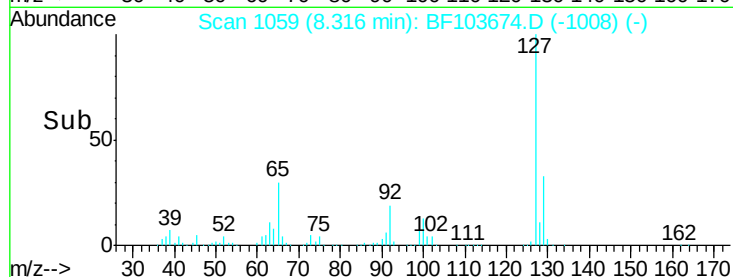
#33
4-Chloroaniline
Concen: 38.005 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	508268
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	30.4	25.0	37.4
92	19.0	15.2	22.8

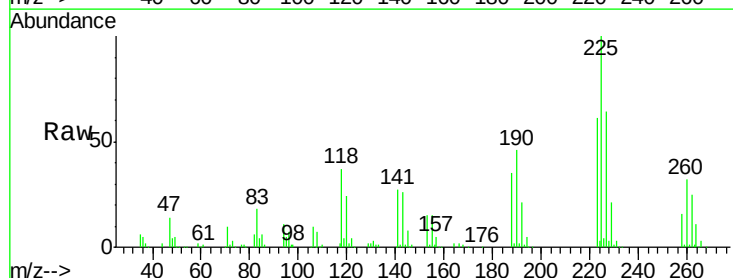


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

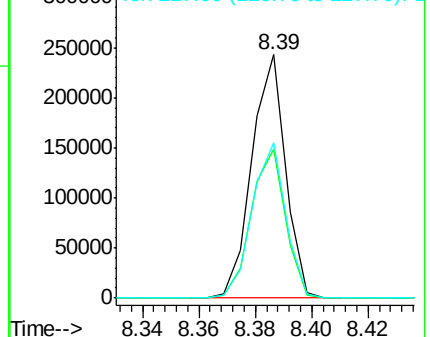
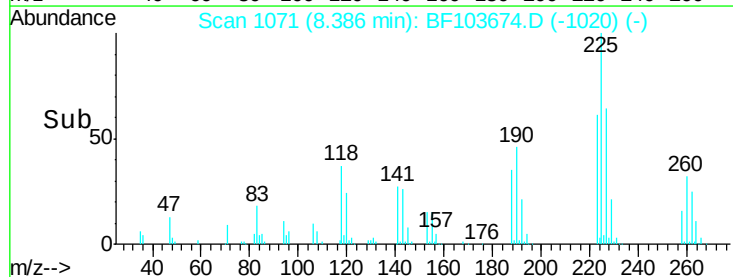


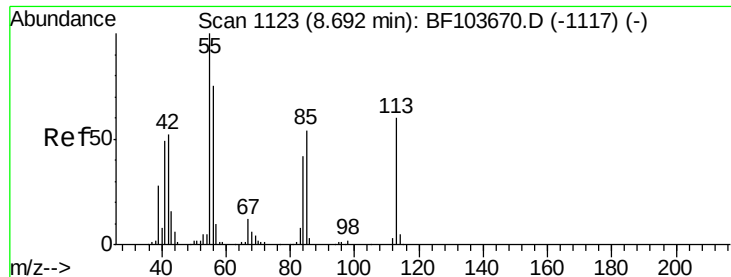
#34
Hexachlorobutadiene
Concen: 38.600 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion:	225	Resp:	200414
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	64.0	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

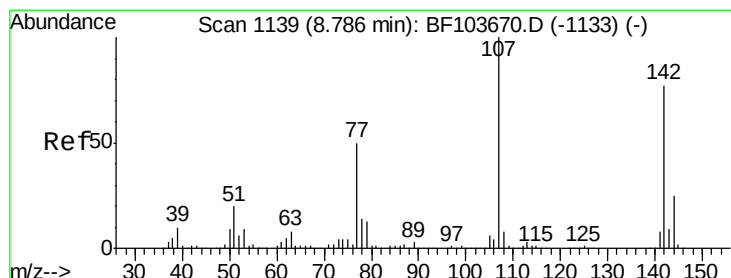
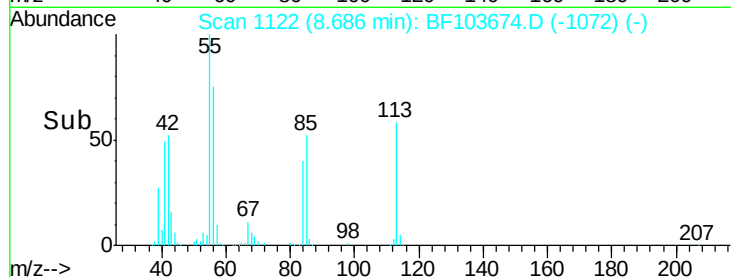
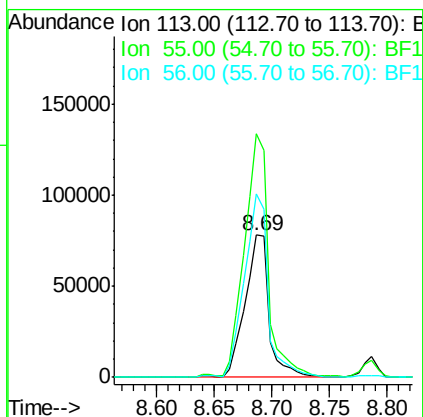
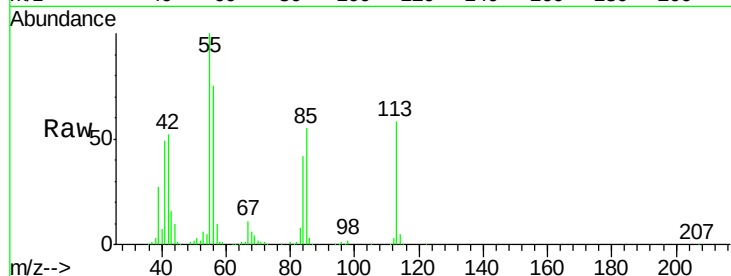




#35
 Caprolactam
 Concen: 39.995 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

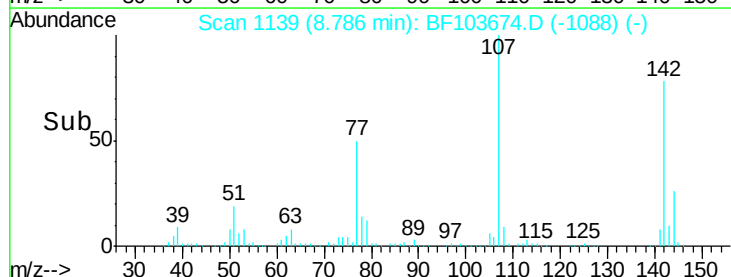
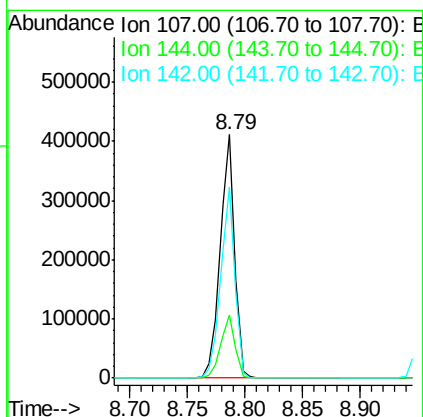
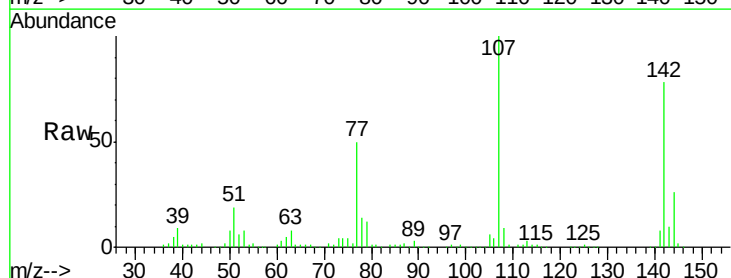
Instrument :
 BNA_F
 ClientSampleId :

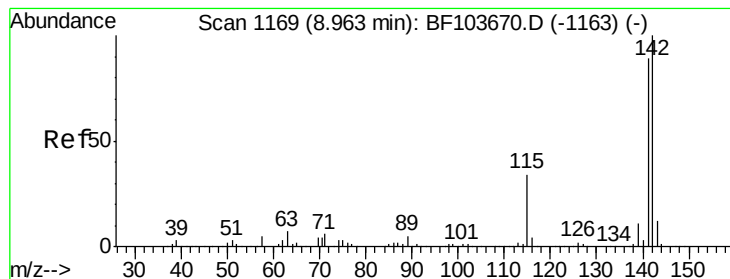
Tot Ion:113 Resp: 112446
 Ion Ratio Lower Upper
 113 100
 55 171.1 163.3 203.3
 56 128.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.777 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion:107 Resp: 358034
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 78.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.608 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

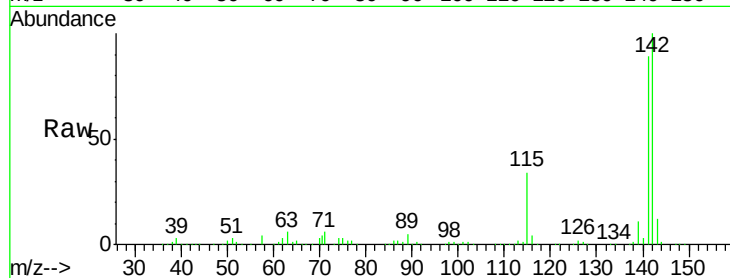
Tot Ion:142 Resp: 780486

Ion Ratio Lower Upper

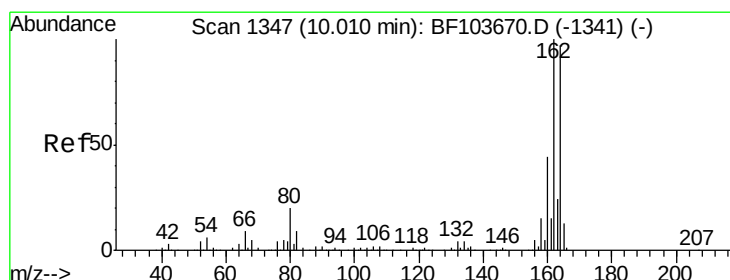
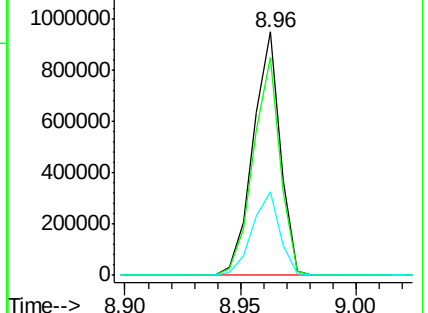
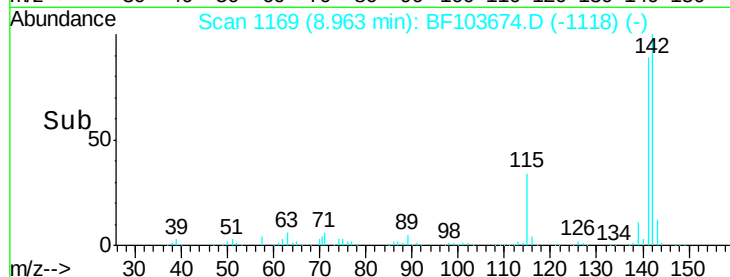
142 100

141 89.4 70.8 106.2

115 34.2 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: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

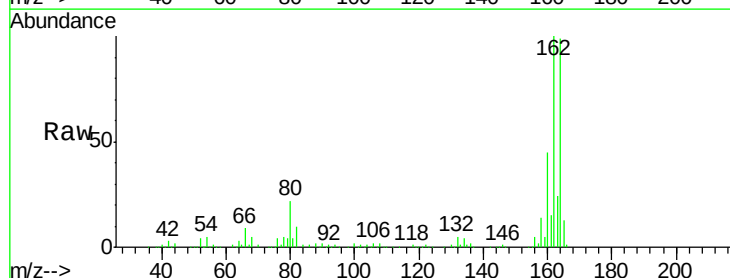
Tgt Ion:164 Resp: 294649

Ion Ratio Lower Upper

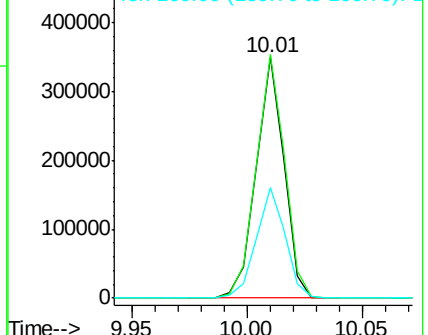
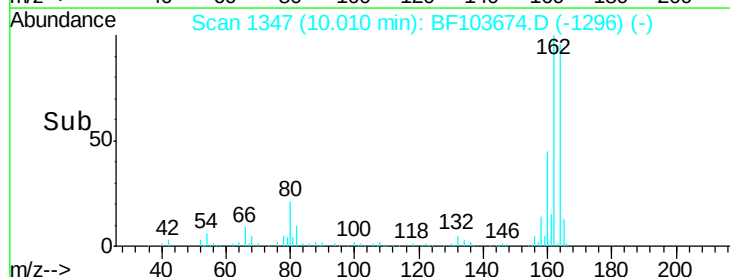
164 100

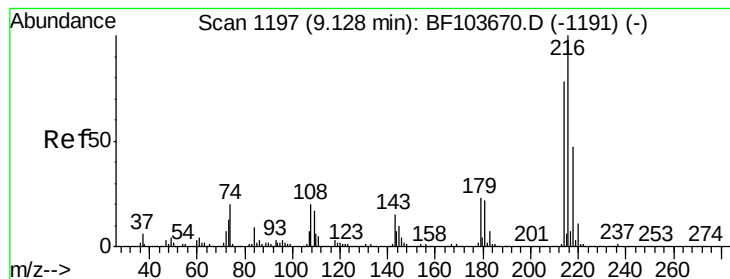
162 101.1 86.1 129.1

160 45.8 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: 39.075 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 328465

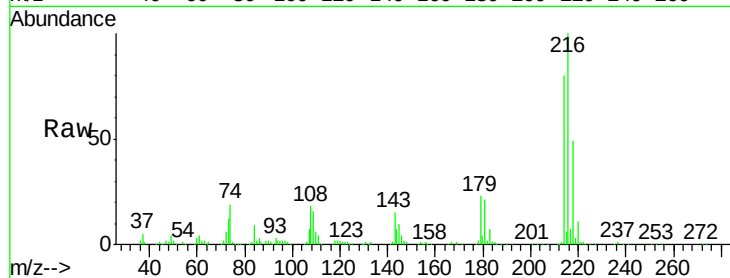
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 22.6 18.1 27.1

108 22.0 17.2 25.8

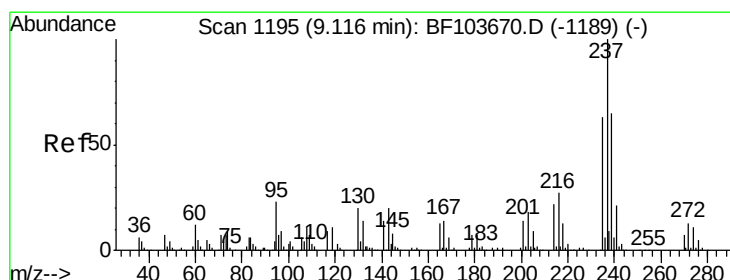
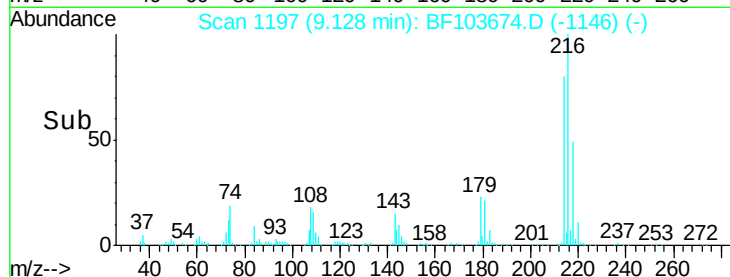
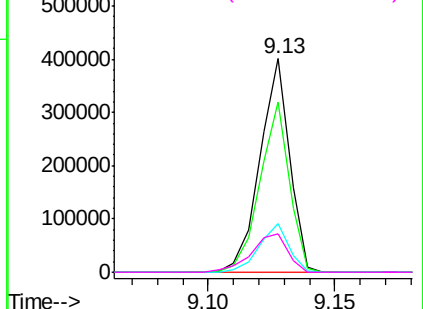


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.121 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

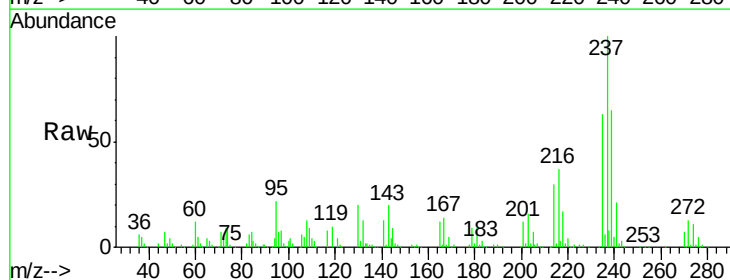
Tgt Ion:237 Resp: 187039

Ion Ratio Lower Upper

237 100

235 63.4 44.8 84.8

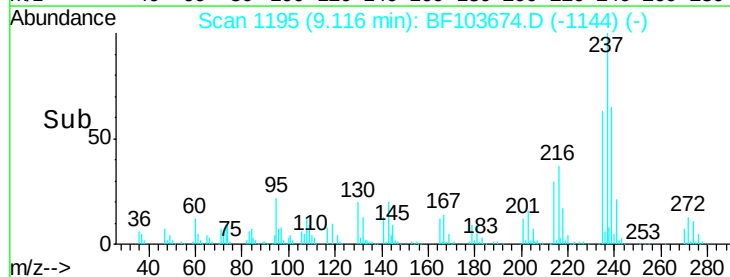
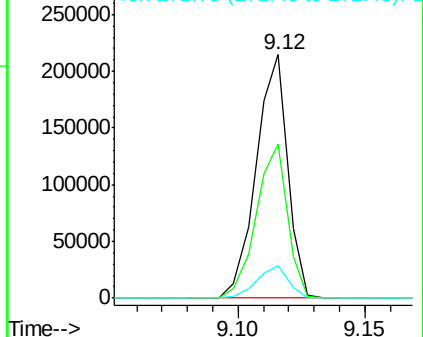
272 13.3 0.0 33.3

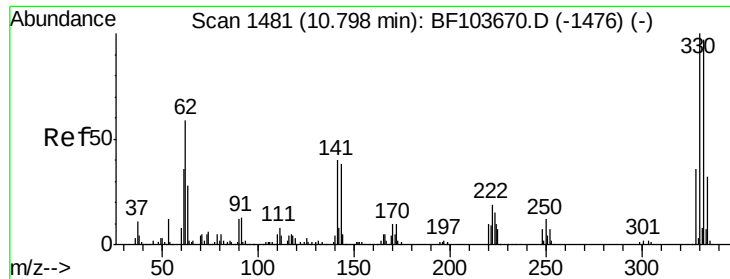


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

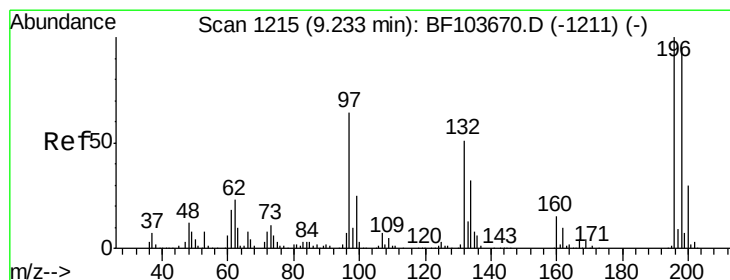
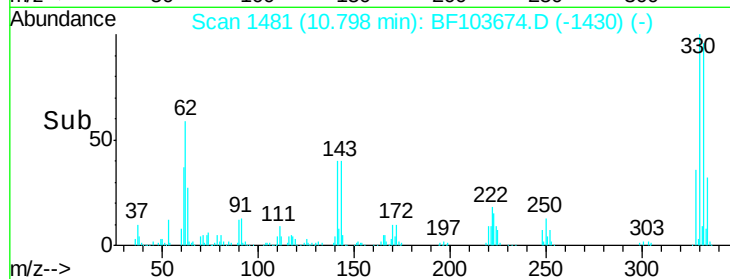
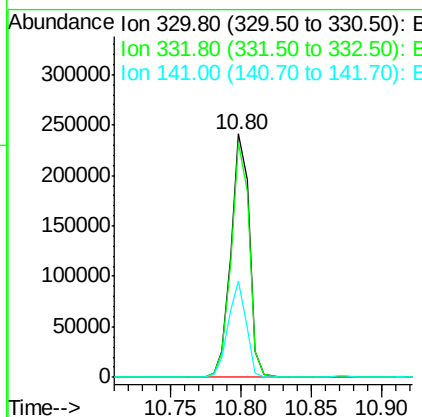
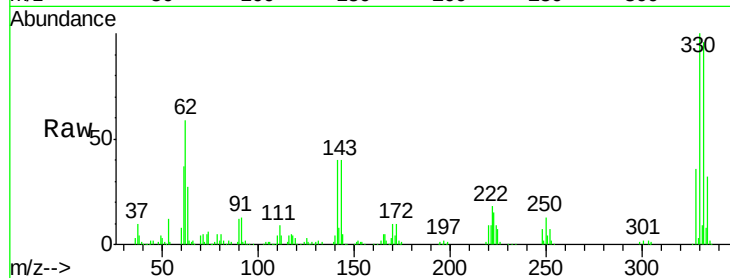




#41
 2,4,6-Tribromophenol
 Concen: 86.559 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

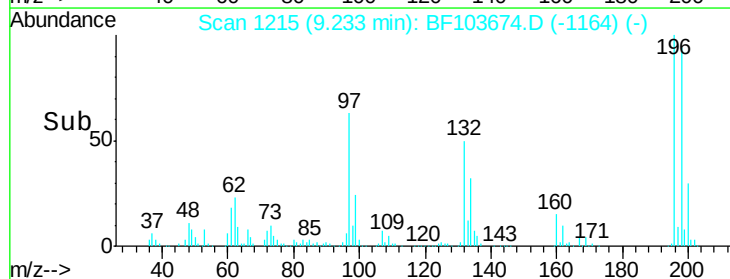
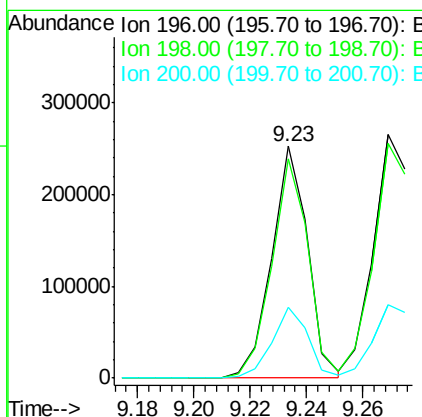
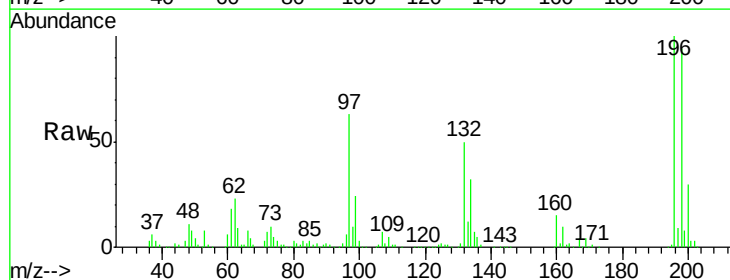
Instrument :
 BNA_F
 ClientSampled :

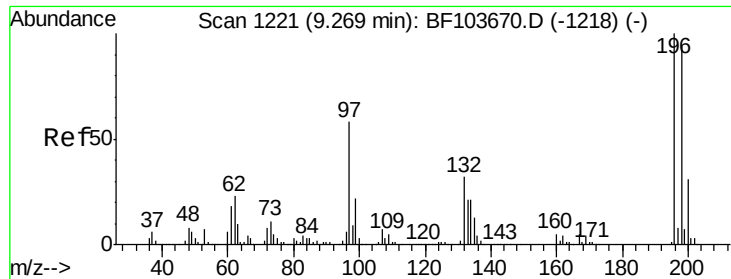
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	38.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.491 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
200	30.3	24.5	36.7

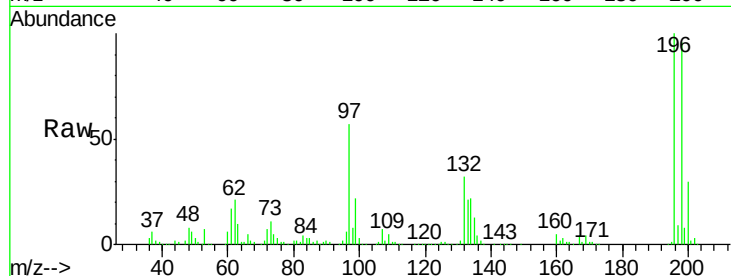




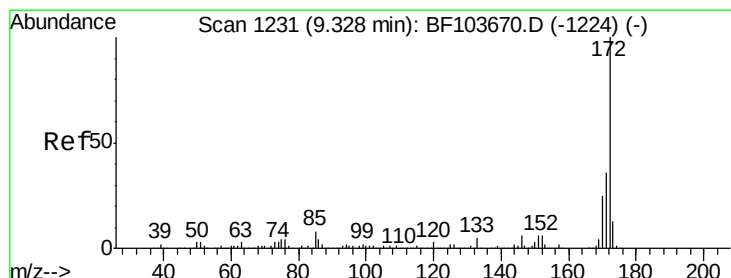
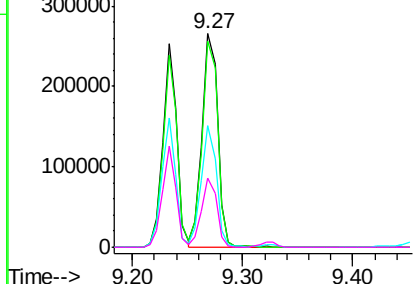
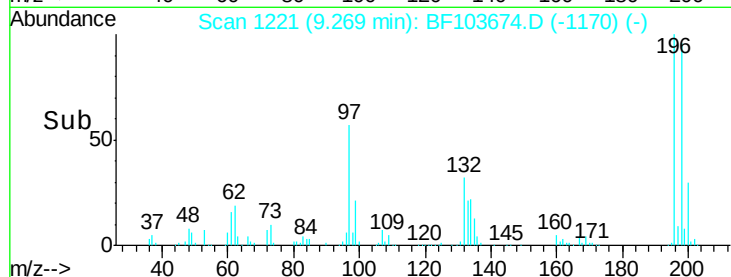
#43
 2,4,5-Trichlorophenol
 Concen: 41.965 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 254671
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.6 112.0
 97 57.0 42.9 64.3
 132 32.4 26.3 39.5

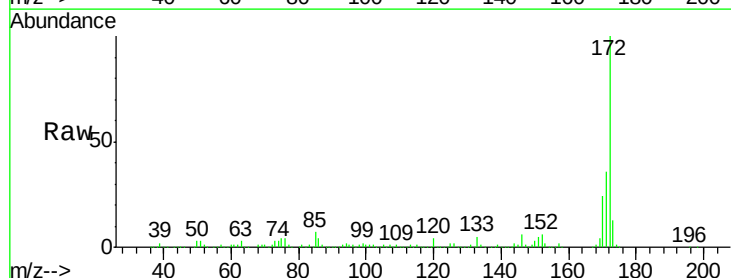


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

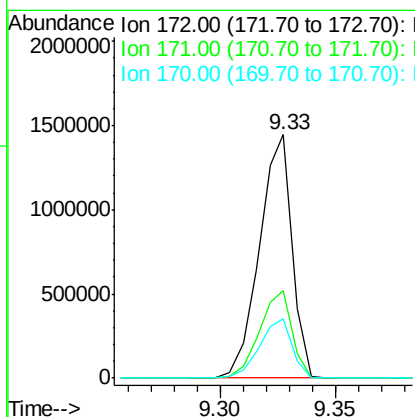
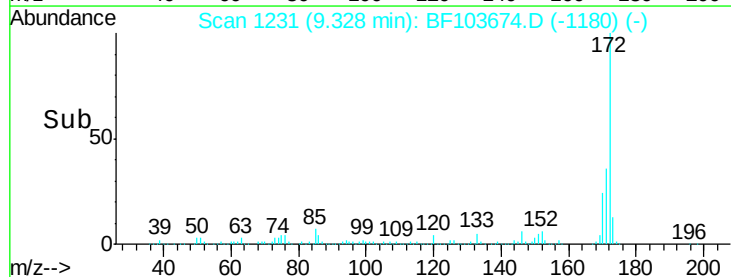


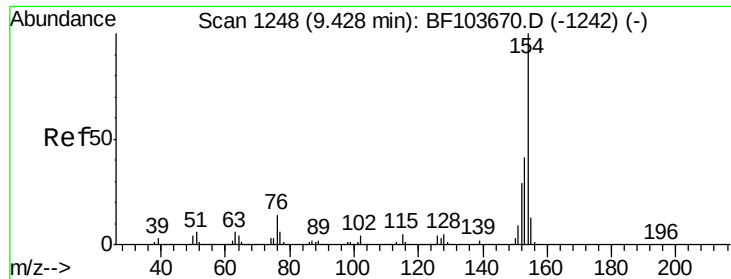
#44
 2-Fluorobiphenyl
 Concen: 76.876 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion:172 Resp: 1420020
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.5 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: 38.829 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

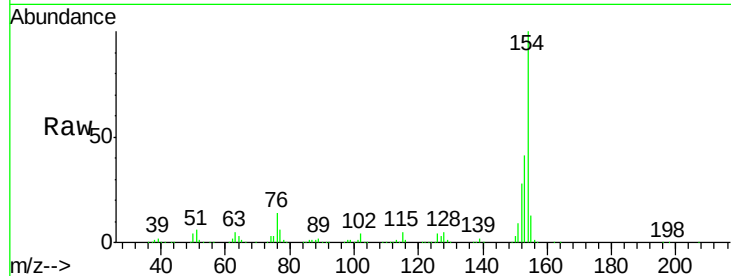
Tot Ion:154 Resp: 953995

Ion Ratio Lower Upper

154 100

153 41.0 21.3 61.3

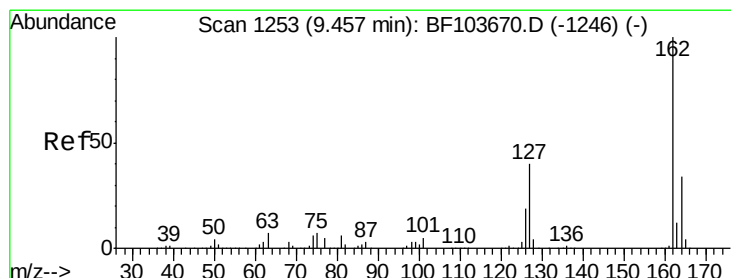
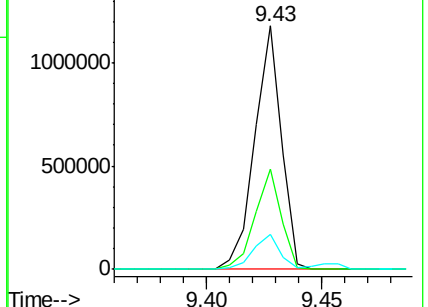
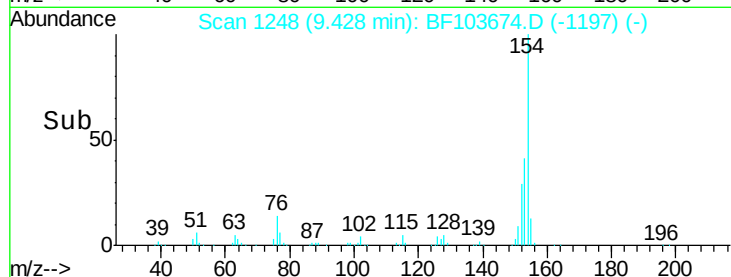
76 14.3 0.0 34.0



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: 38.702 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

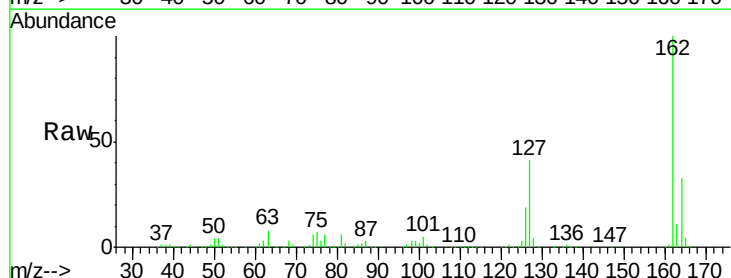
Tgt Ion:162 Resp: 755258

Ion Ratio Lower Upper

162 100

127 40.5 33.9 50.9

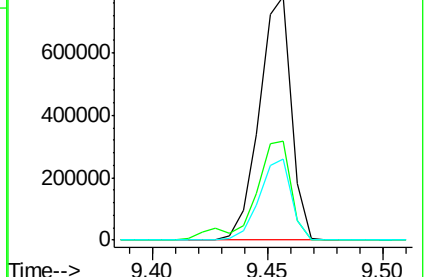
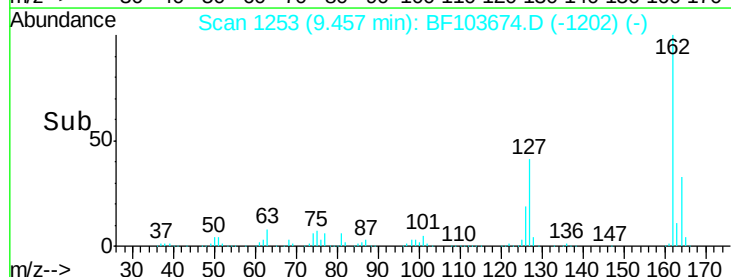
164 33.4 26.5 39.7

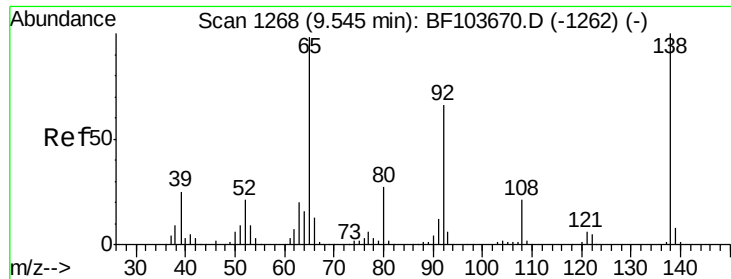


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

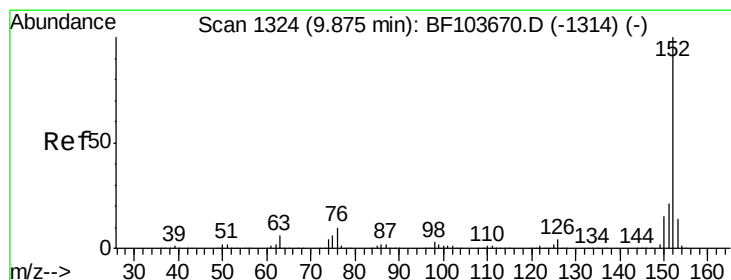
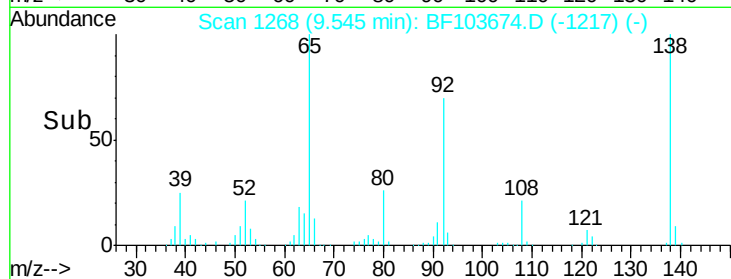
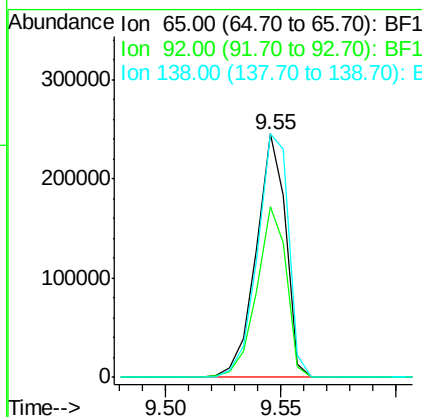
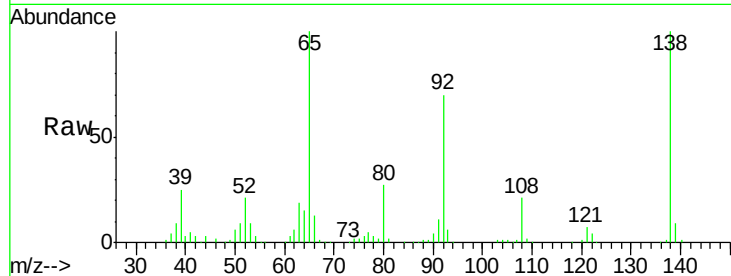




#47
2-Nitroaniline
Concen: 43.556 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

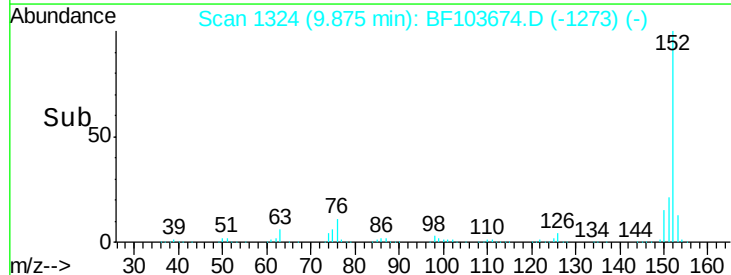
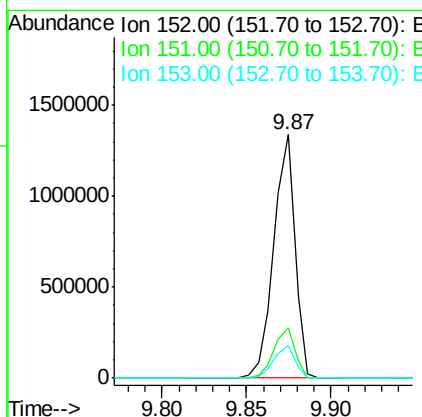
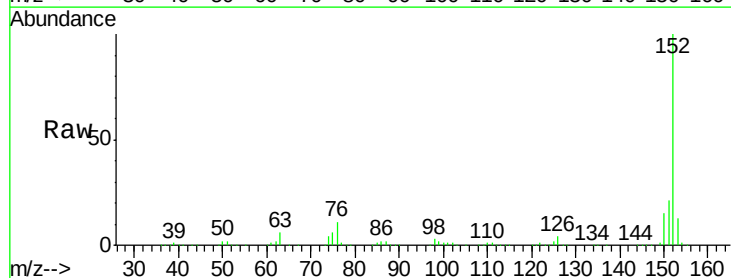
Instrument :
BNA_F
ClientSampleId :

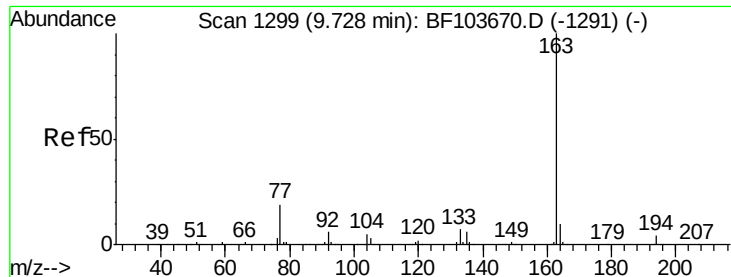
Tot Ion: 65 Resp: 218602
Ion Ratio Lower Upper
65 100
92 70.2 55.8 83.6
138 100.0 91.2 136.8



#48
Acenaphthylene
Concen: 38.593 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion: 152 Resp: 1167857
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.3 10.7 16.1

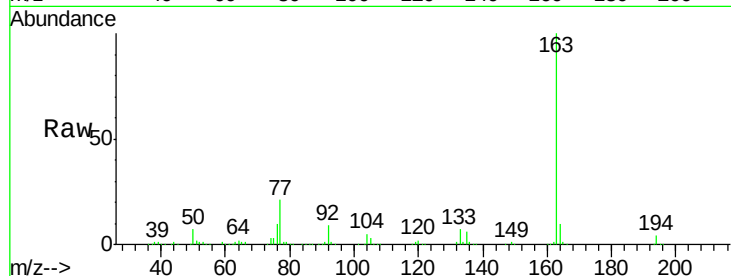




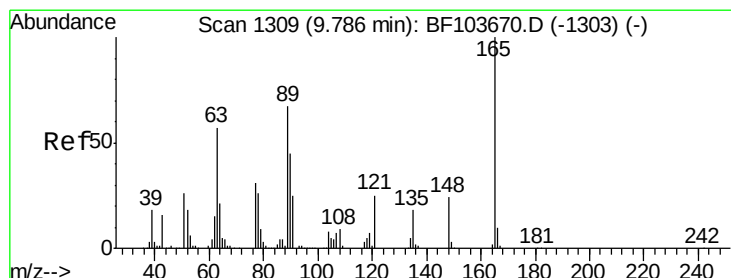
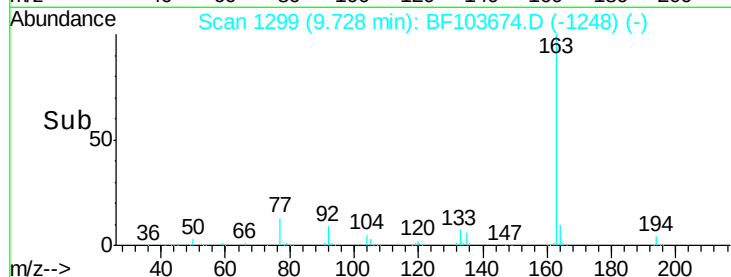
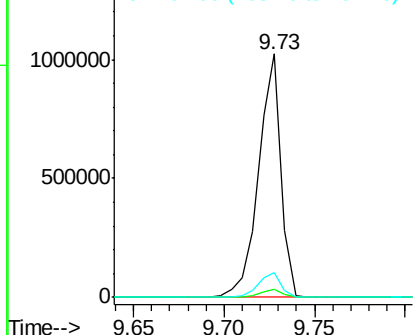
#49
Dimethylphthalate
Concen: 38.902 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 874522
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

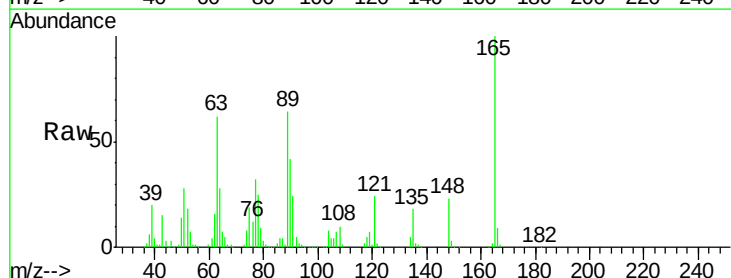


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

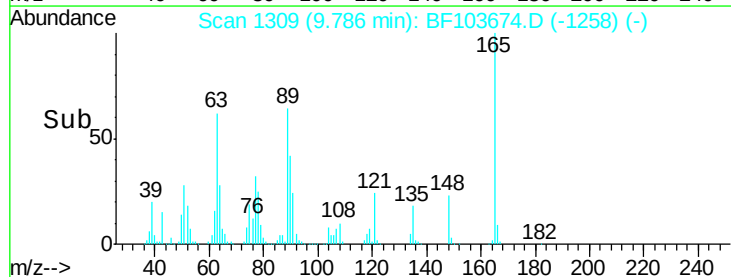
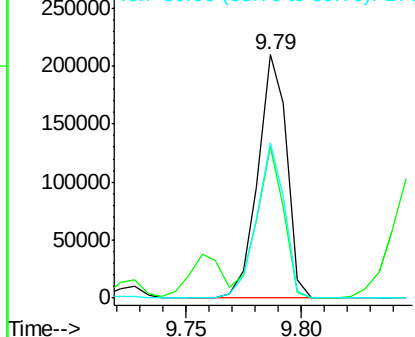


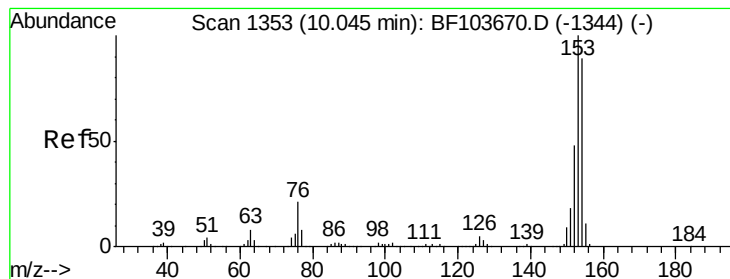
#50
2,6-Dinitrotoluene
Concen: 42.430 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion:165 Resp: 182323
Ion Ratio Lower Upper
165 100
63 62.0 44.7 67.1
89 63.8 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: 39.309 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

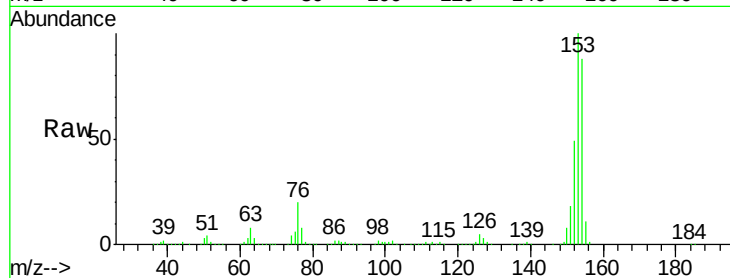
Tot Ion:154 Resp: 706300

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

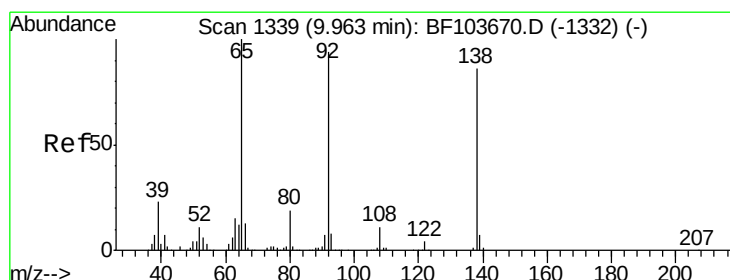
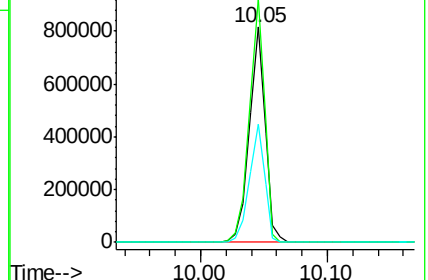
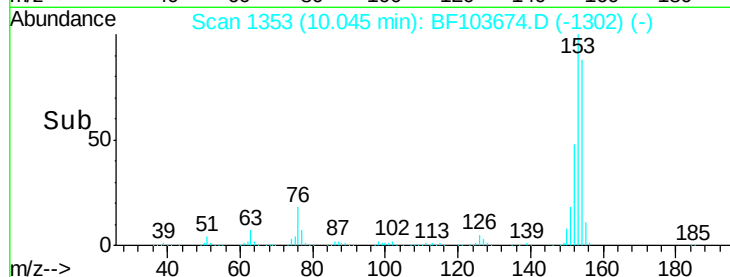
152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.602 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

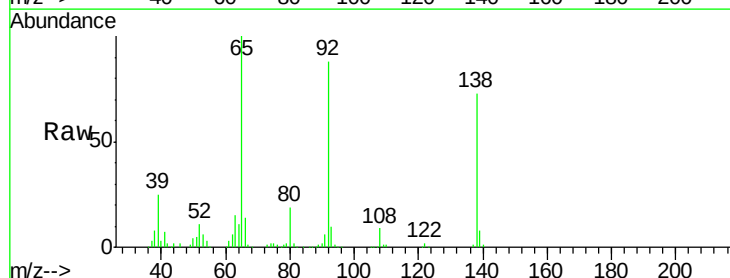
Tgt Ion:138 Resp: 213943

Ion Ratio Lower Upper

138 100

108 11.8 9.4 14.0

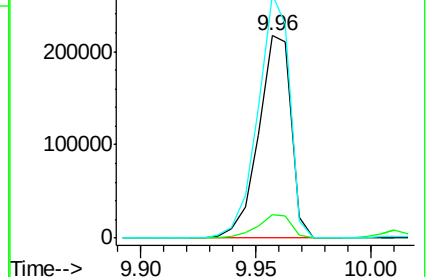
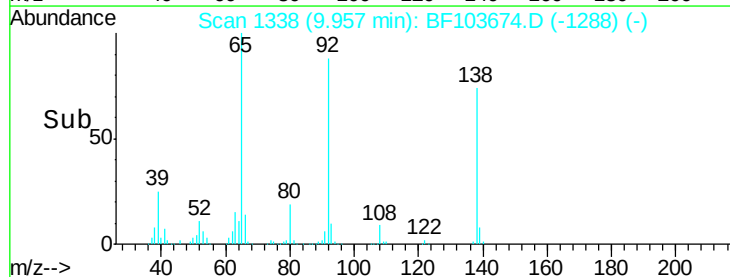
92 120.3 89.4 134.2

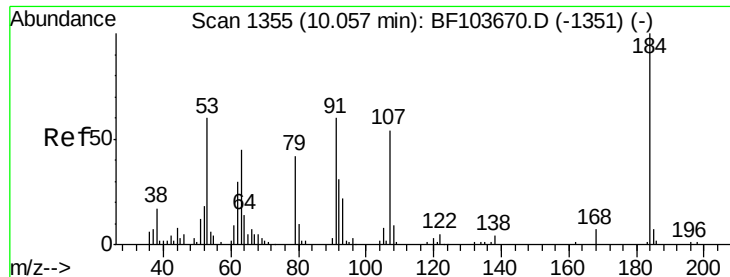


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

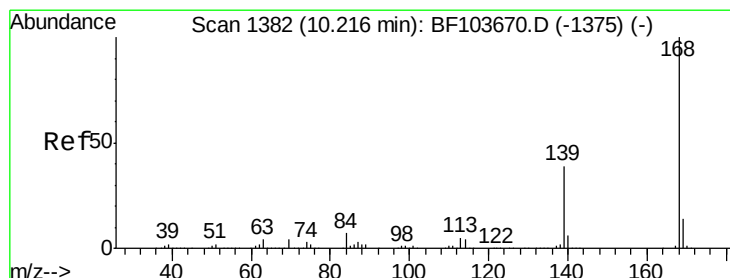
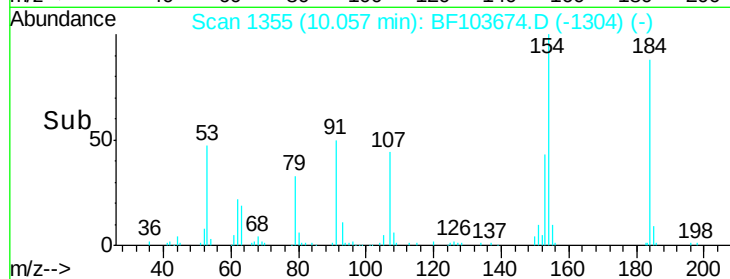
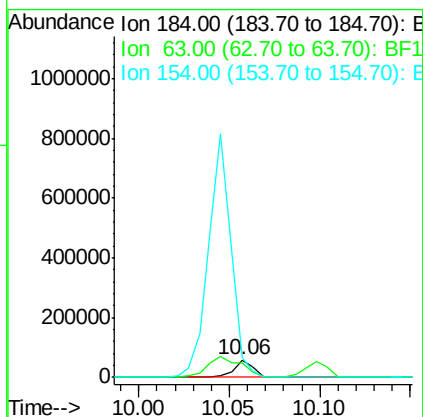
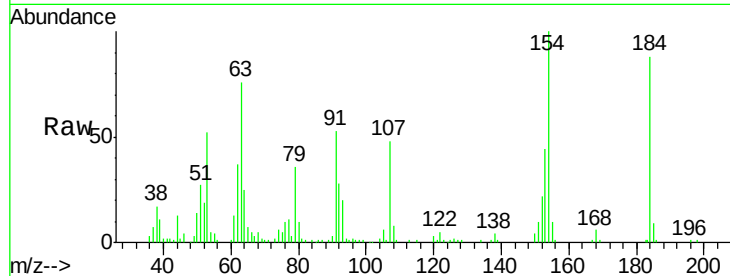




#53
 2,4-Dinitrophenol
 Concen: 47.313 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

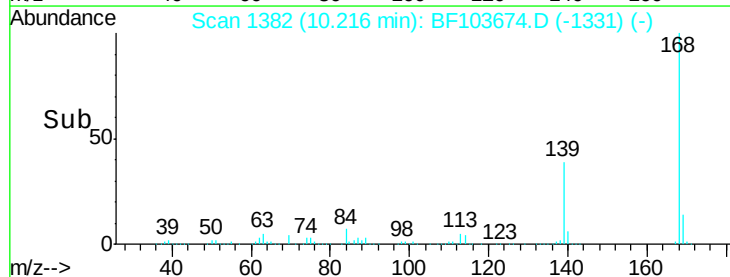
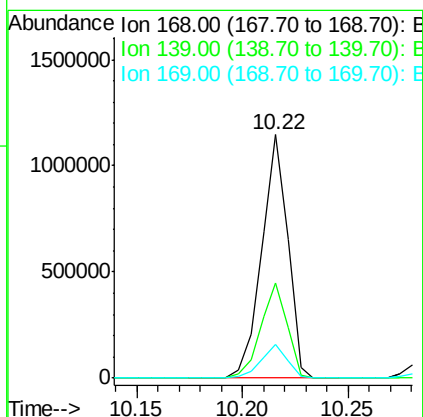
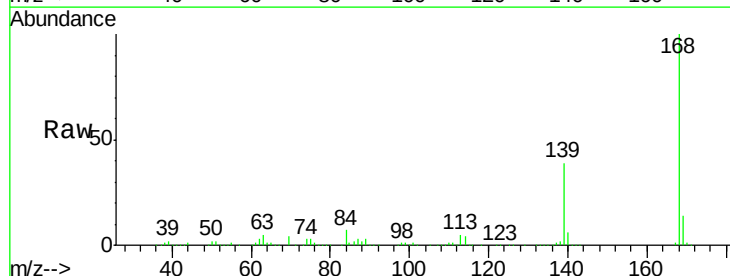
Instrument :
 BNA_F
 ClientSampled :

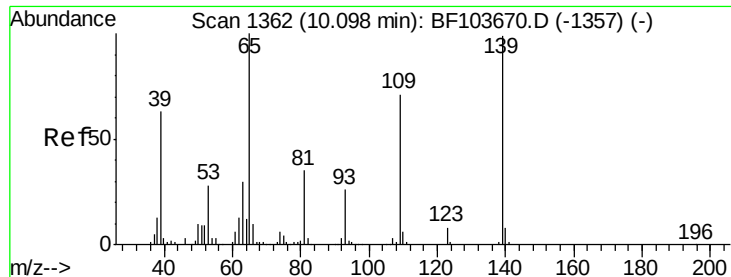
Tot Ion:184 Resp: 43065
 Ion Ratio Lower Upper
 184 100
 63 87.0 54.2 81.2#
 154 114.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.455 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion:168 Resp: 986830
 Ion Ratio Lower Upper
 168 100
 139 39.1 30.1 45.1
 169 13.9 10.9 16.3

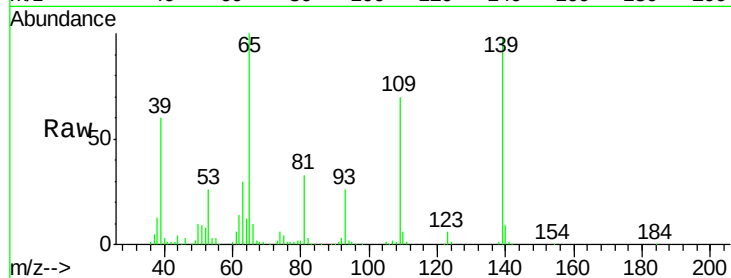




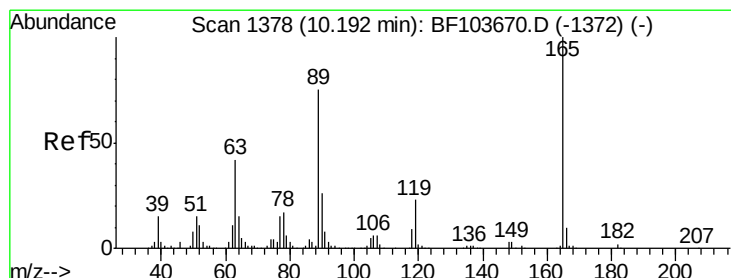
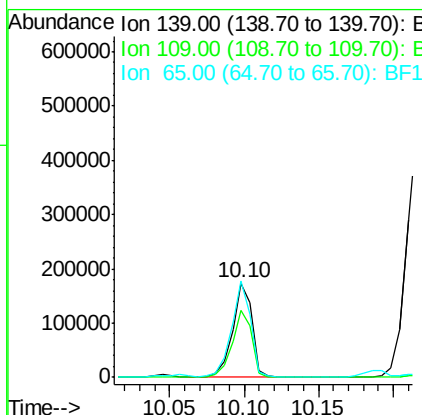
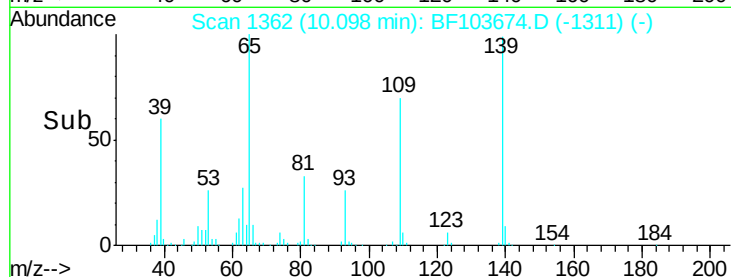
#55
4-Nitrophenol
Concen: 41.834 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 161774
Ion Ratio Lower Upper
139 100
109 71.1 48.4 88.4
65 101.8 72.6 112.6

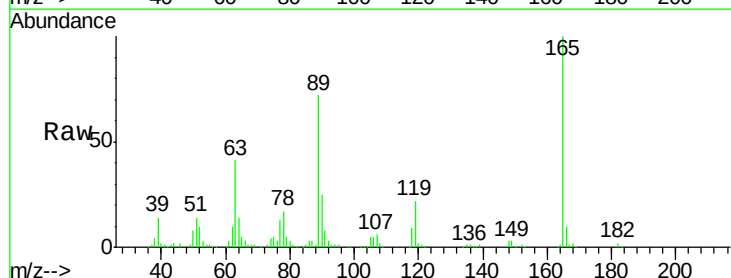


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

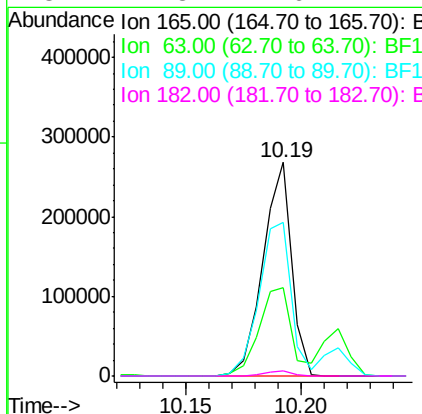
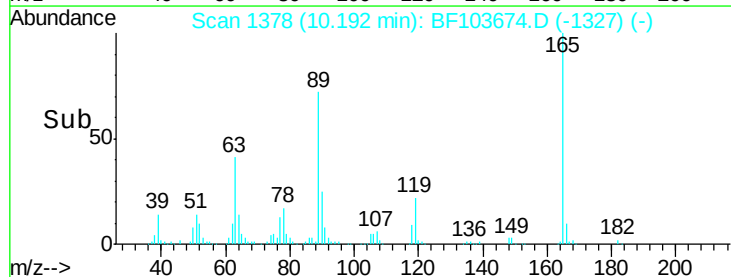


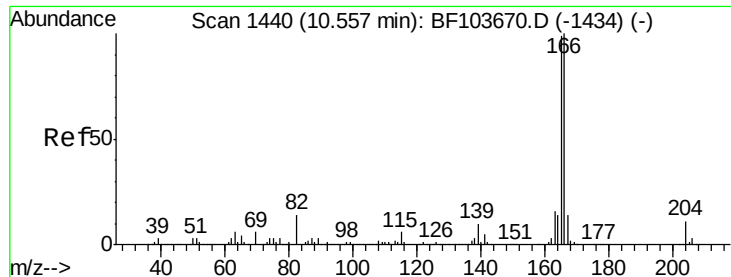
#56
2,4-Dinitrotoluene
Concen: 42.640 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion:165 Resp: 230528
Ion Ratio Lower Upper
165 100
63 41.3 36.4 54.6
89 71.8 57.8 86.6
182 2.3 1.6 2.4



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
Ion 182.00 (181.70 to 182.70): E

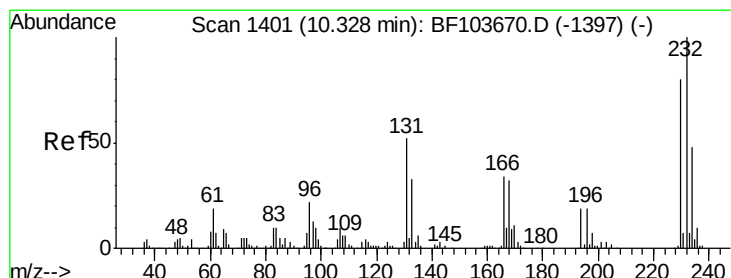
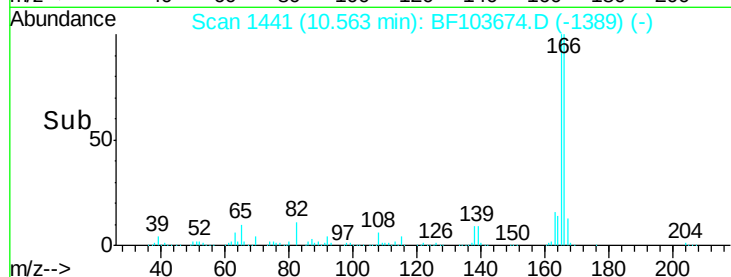
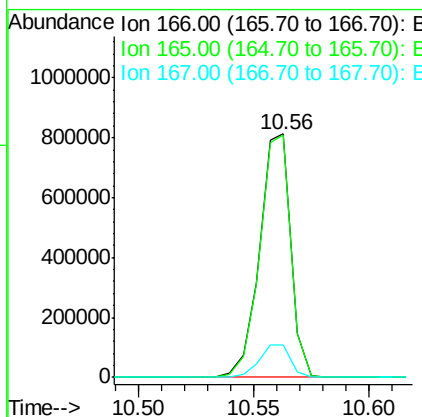
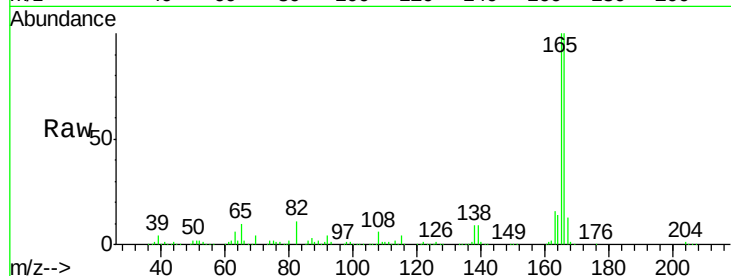




#57
 Fluorene
 Concen: 38.265 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

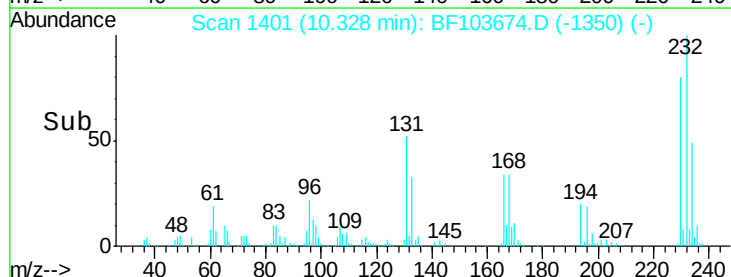
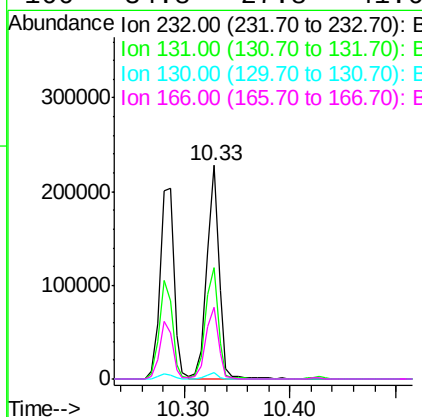
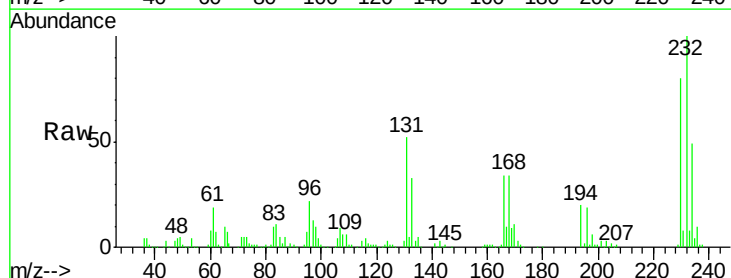
Instrument :
 BNA_F
 ClientSampled :

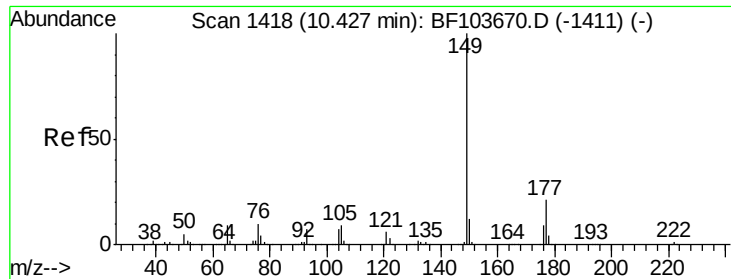
Tot Ion:166 Resp: 761978
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.897 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion:232 Resp: 184461
 Ion Ratio Lower Upper
 232 100
 131 54.3 43.8 65.8
 130 2.7 2.1 3.1
 166 34.8 27.8 41.6

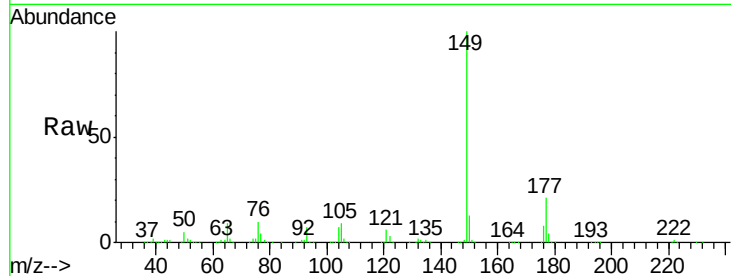




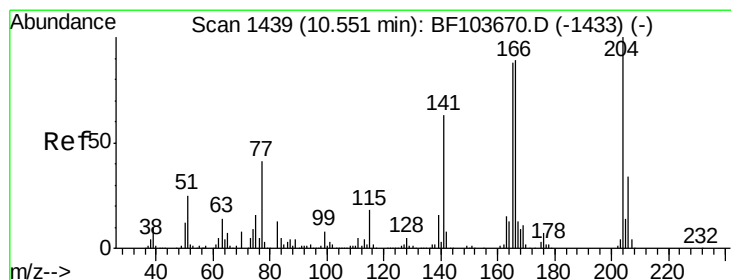
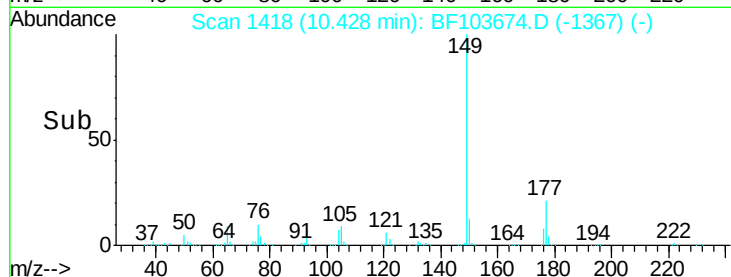
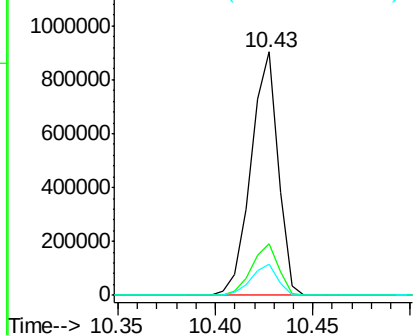
#59
Diethylphthalate
Concen: 38.915 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 868279
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.6 10.1 15.1

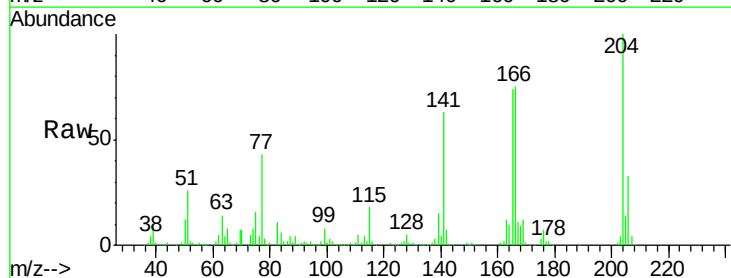


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

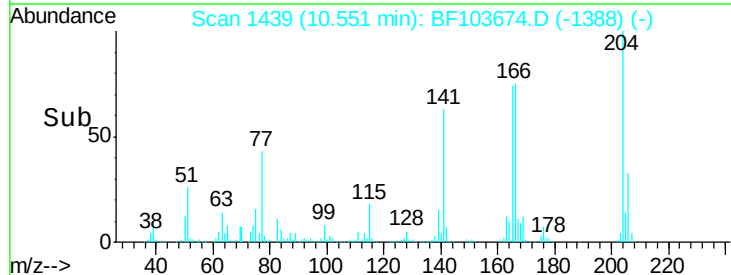
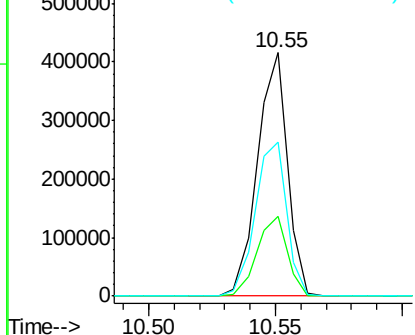


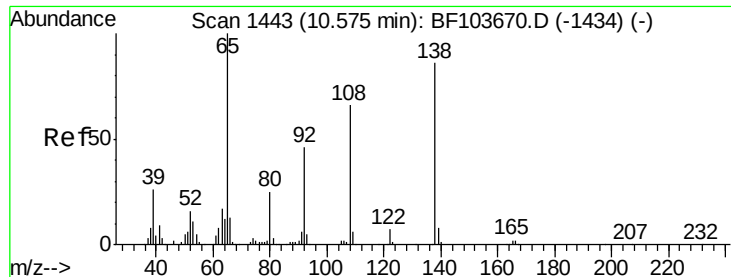
#60
4-Chlorophenyl-phenylether
Concen: 37.866 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion:204 Resp: 344600
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 63.2 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

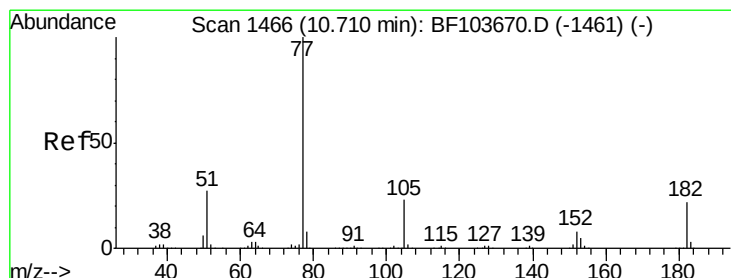
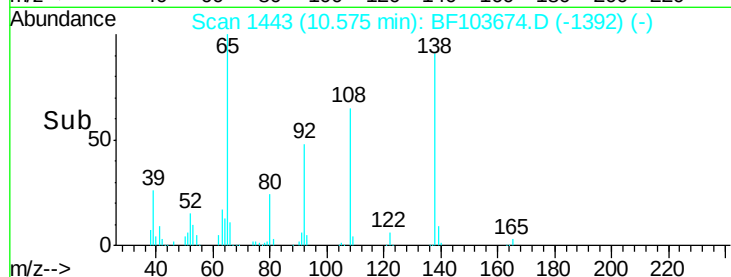
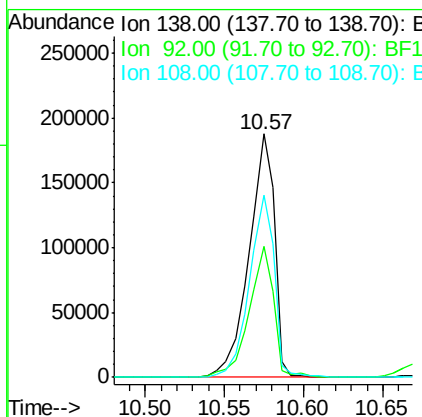
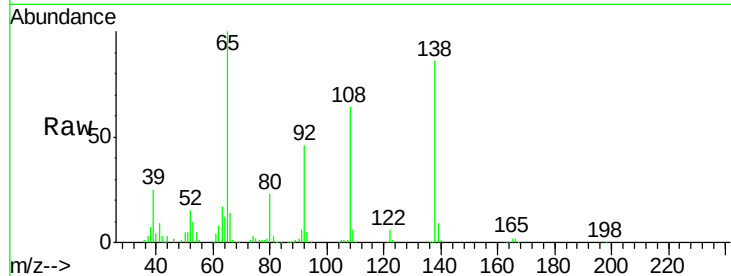




#61
4-Nitroaniline
Concen: 42.082 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

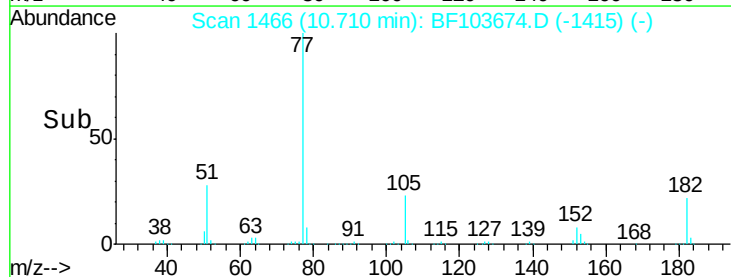
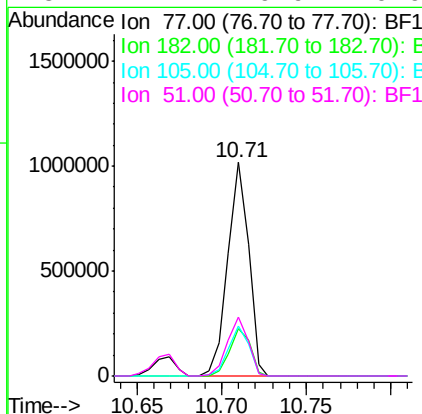
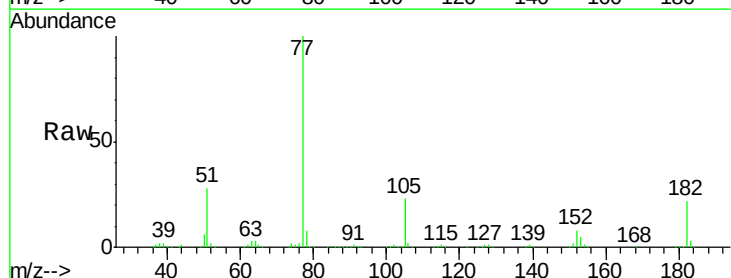
Instrument :
BNA_F
ClientSampleId :

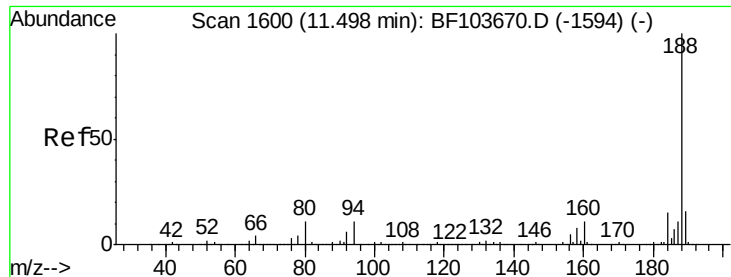
Tot Ion:138 Resp: 208574
Ion Ratio Lower Upper
138 100
92 53.5 30.2 70.2
108 74.7 52.5 92.5



#62
Azobenzene
Concen: 38.446 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion: 77 Resp: 872121
Ion Ratio Lower Upper
77 100
182 22.0 1.7 41.7
105 23.4 3.0 43.0
51 27.7 9.9 49.9

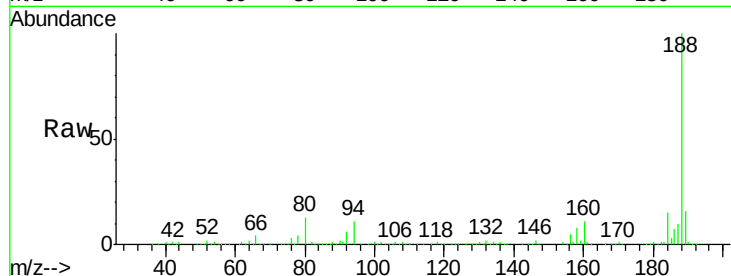




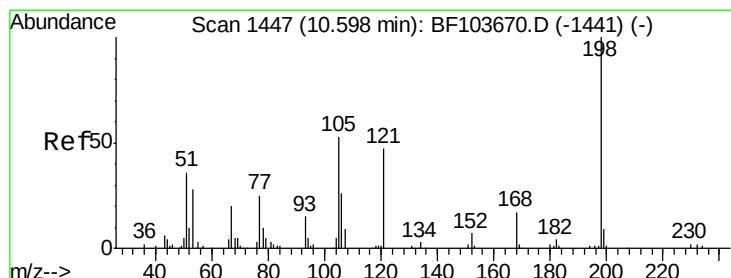
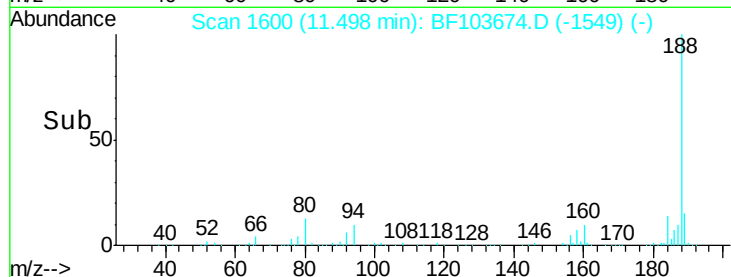
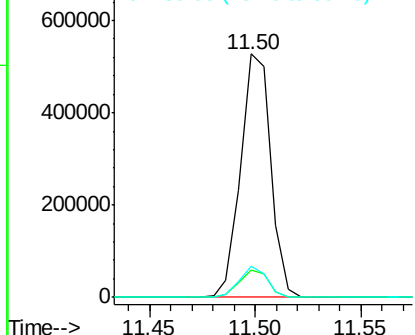
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 520257
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.6 9.2 13.8

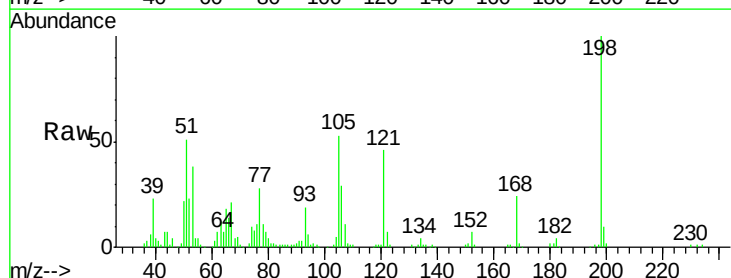


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

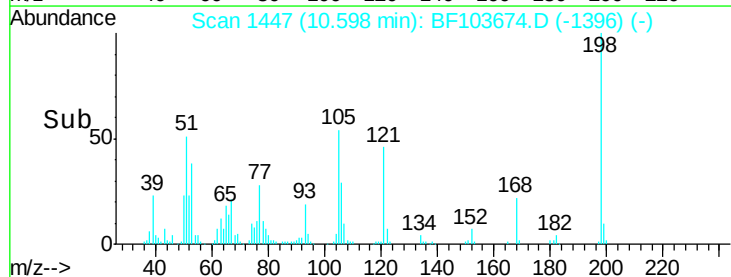
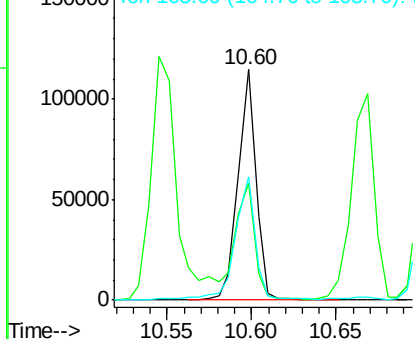


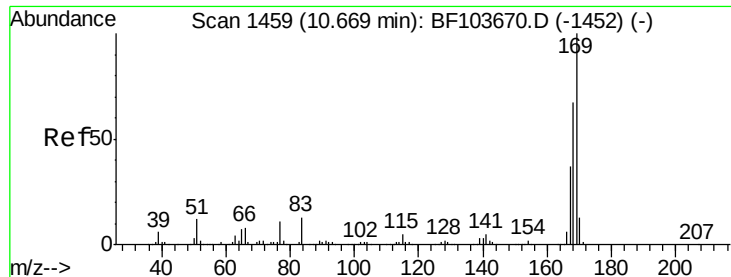
#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.549 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion:198 Resp: 84830
 Ion Ratio Lower Upper
 198 100
 51 51.0 37.7 77.7
 105 53.3 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

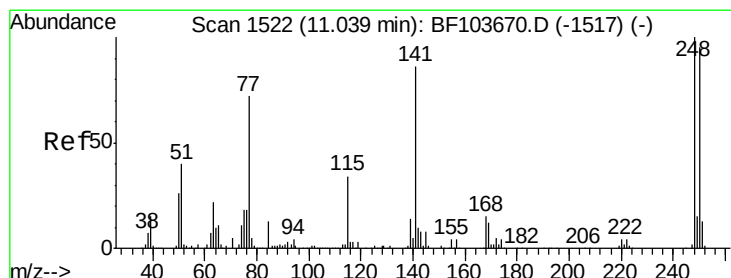
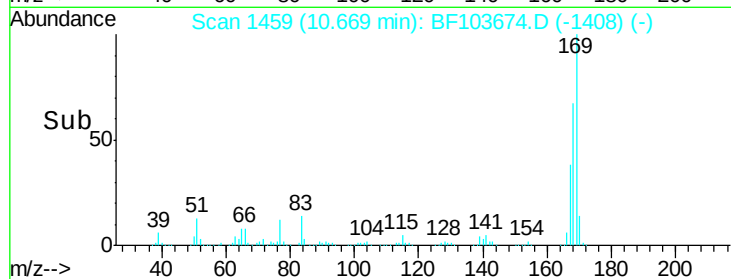
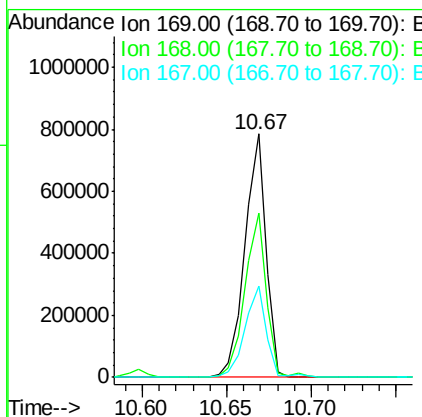
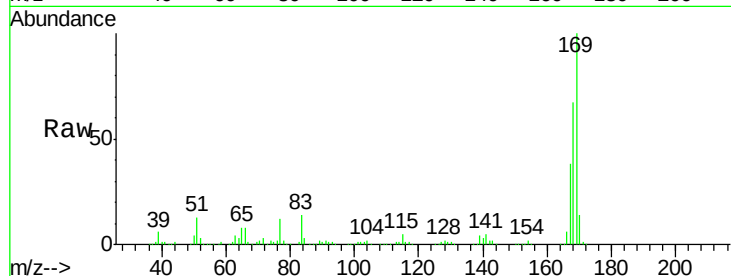




#65
 n-Nitrosodiphenylamine
 Concen: 38.969 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

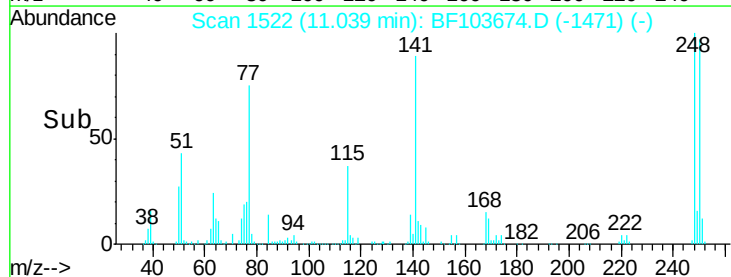
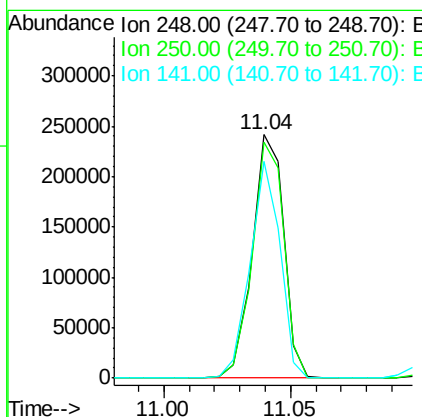
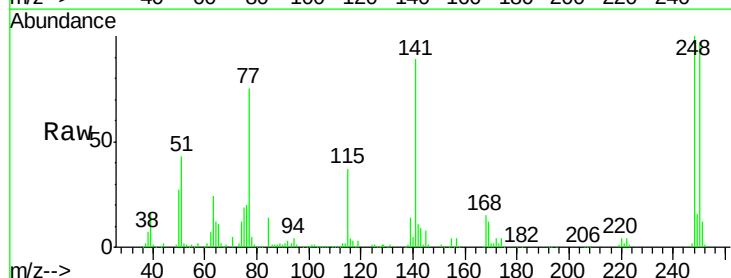
Instrument :
 BNA_F
 ClientSampleId :

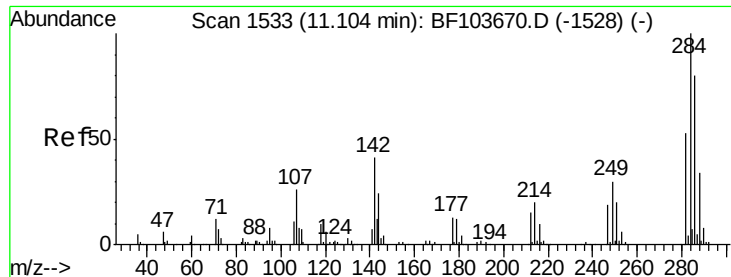
Tot Ion:169 Resp: 690086
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 37.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.187 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion:248 Resp: 209325
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.9 115.3
 141 89.1 74.4 111.6





#67

Hexachlorobenzene

Concen: 38.818 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

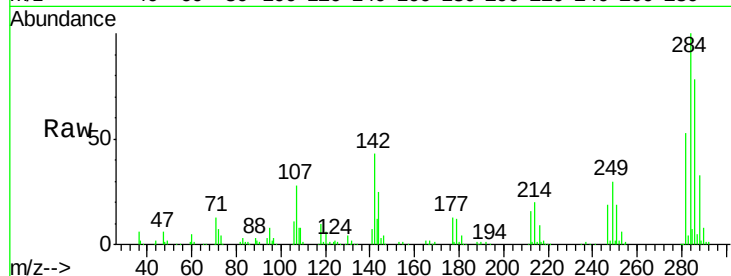
Tot Ion:284 Resp: 236661

Ion Ratio Lower Upper

284 100

142 43.5 34.6 52.0

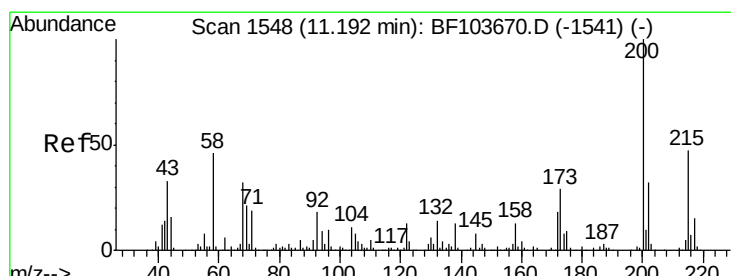
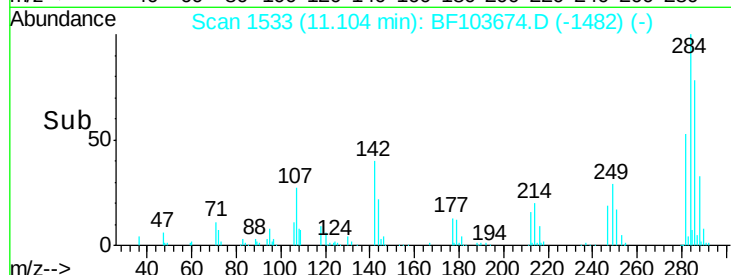
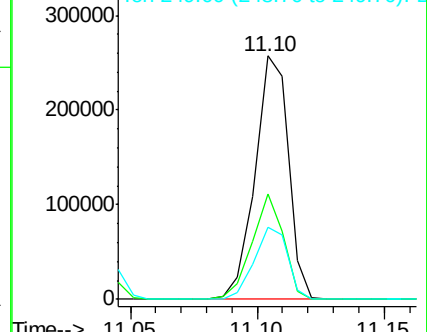
249 29.9 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.632 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

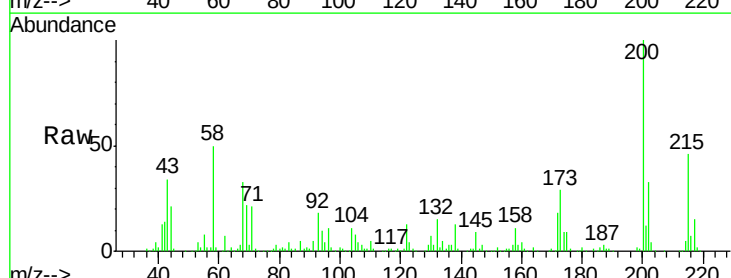
Tgt Ion:200 Resp: 211629

Ion Ratio Lower Upper

200 100

173 28.6 8.6 48.6

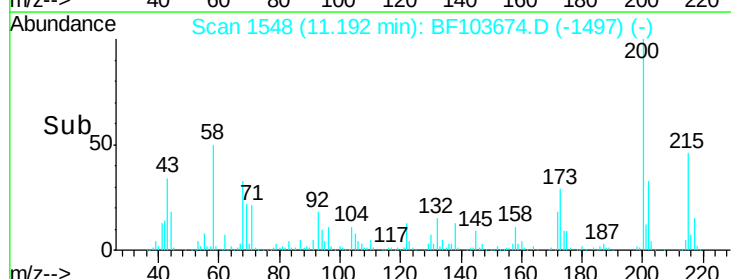
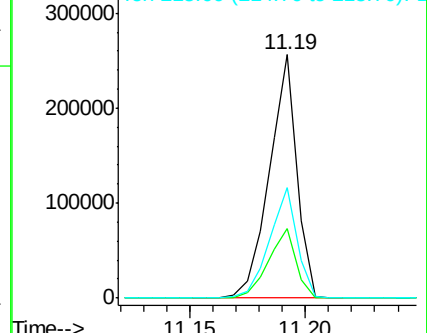
215 45.6 25.1 65.1

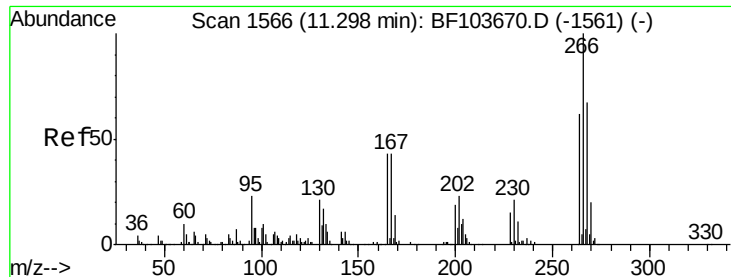


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

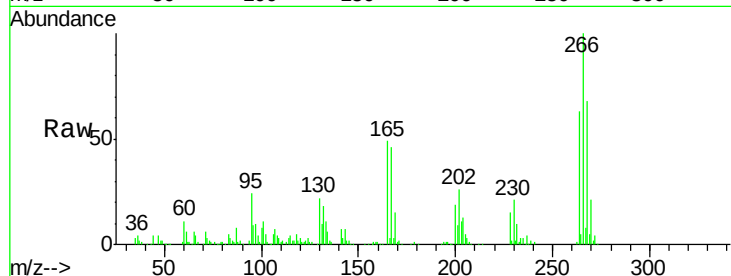




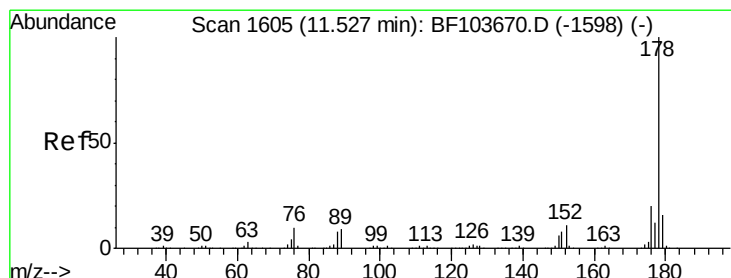
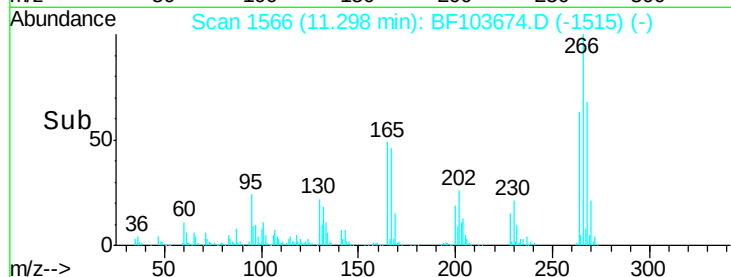
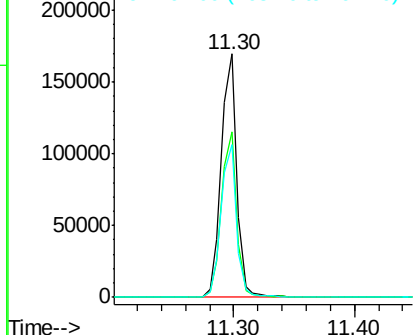
#69
 Pentachlorophenol
 Concen: 43.080 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 150999
 Ion Ratio Lower Upper
 266 100
 268 67.9 51.1 76.7
 264 62.7 49.5 74.3

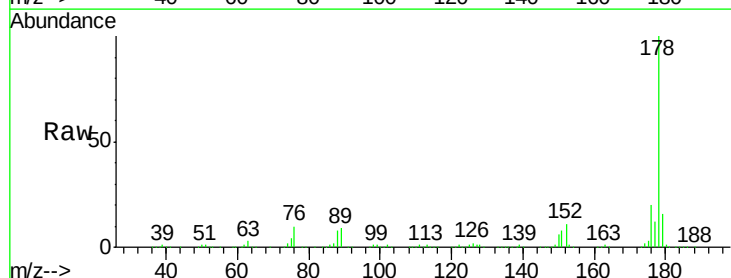


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

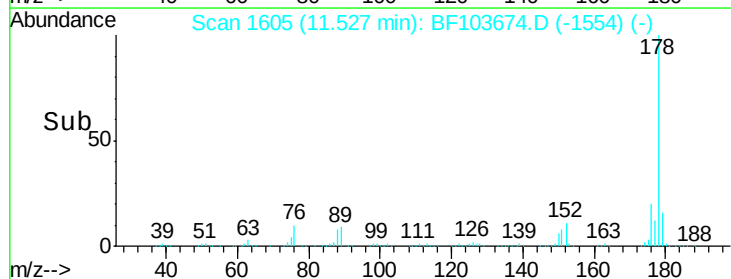
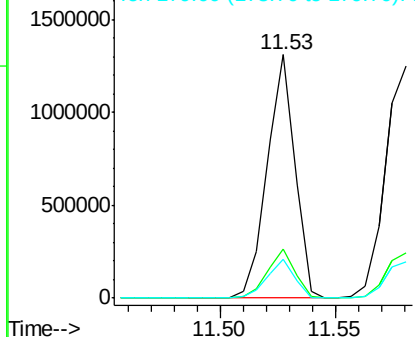


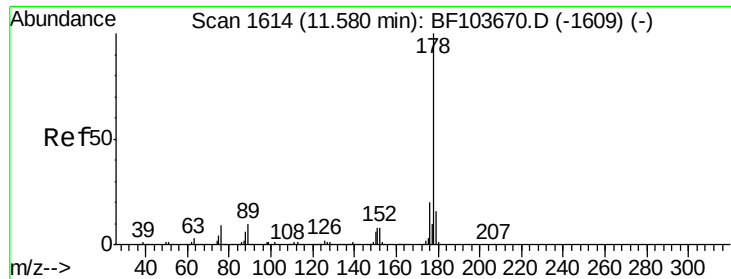
#70
 Phenanthrene
 Concen: 38.632 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion:178 Resp: 1099436
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.9 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: 38.518 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

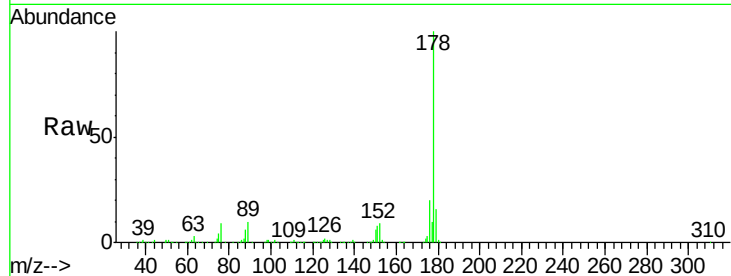
Tot Ion:178 Resp: 1113373

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

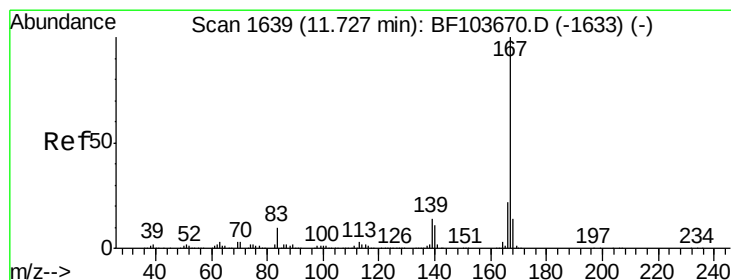
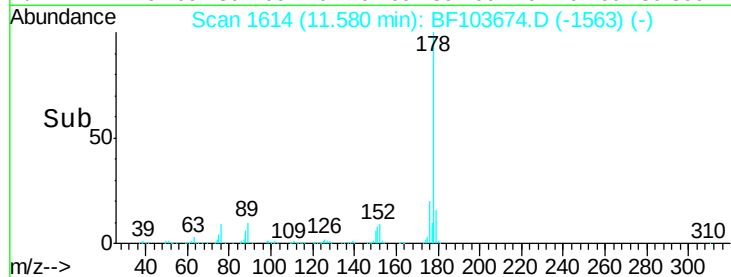
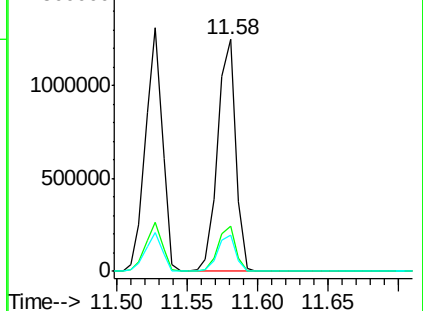
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.894 ng

RT: 11.73 min Scan# 1640

Delta R.T. 0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

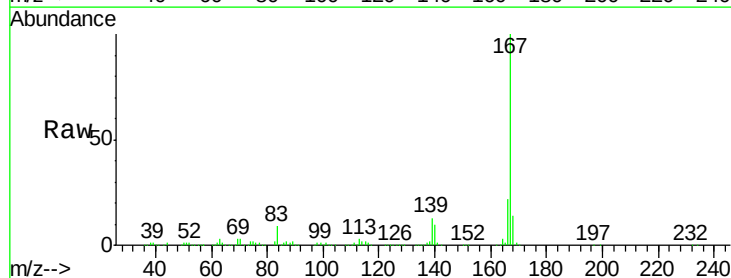
Tgt Ion:167 Resp: 1092685

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

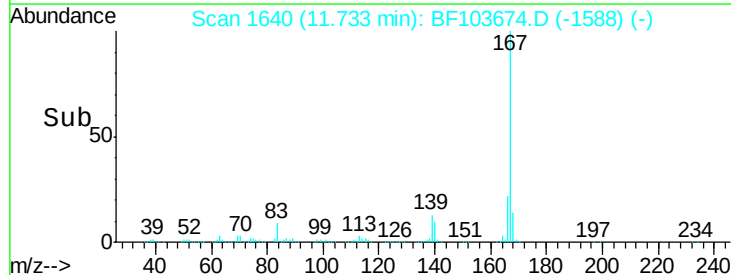
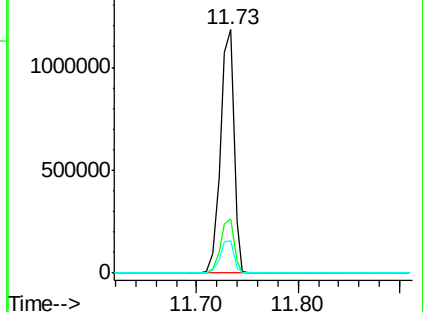
139 13.2 10.9 16.3

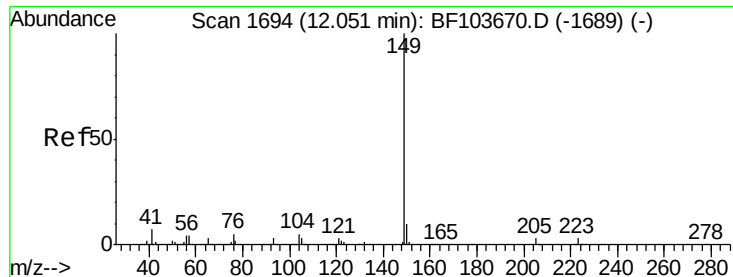


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.965 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

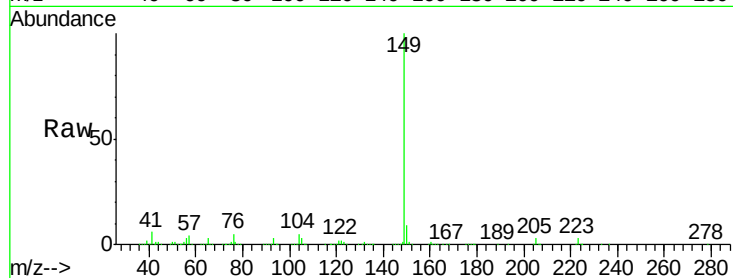
Tot Ion:149 Resp: 1347214

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

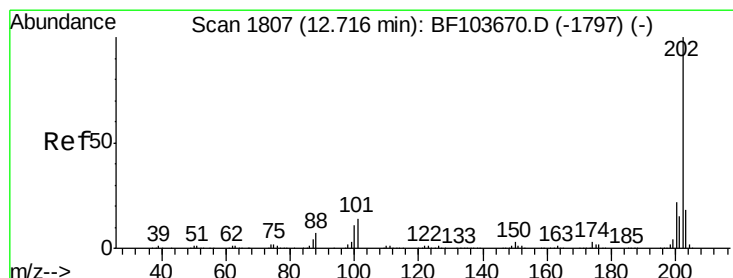
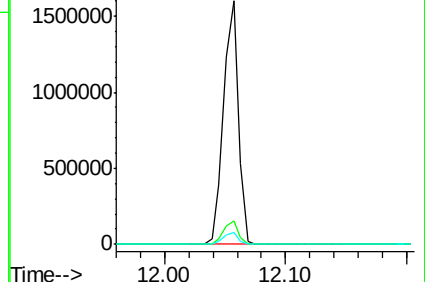
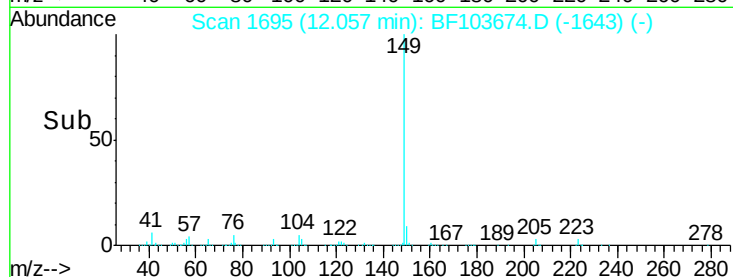
104 5.1 3.8 5.8



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: 38.583 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

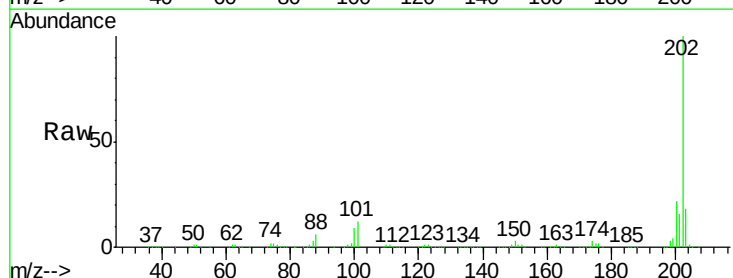
Tgt Ion:202 Resp: 1131240

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

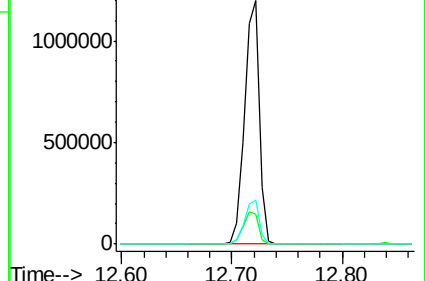
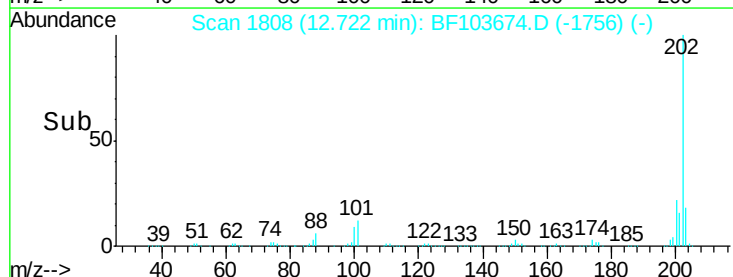
203 17.9 0.0 38.1

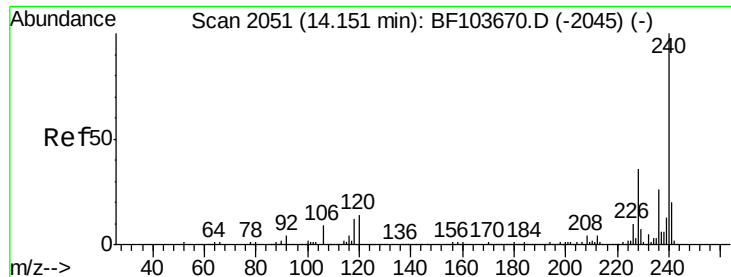


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

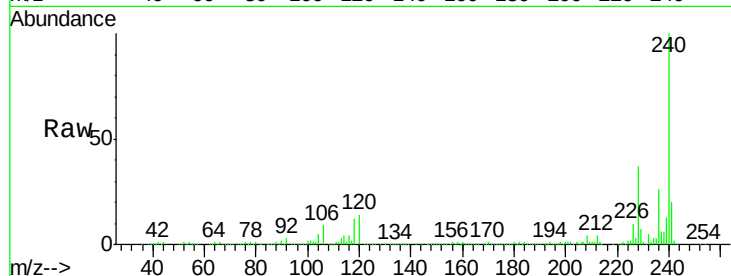




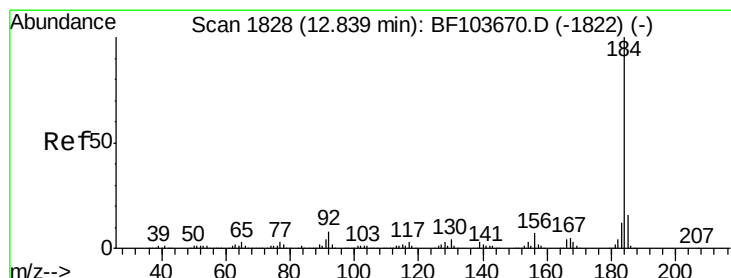
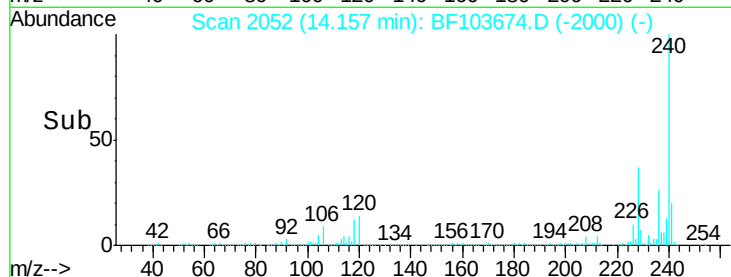
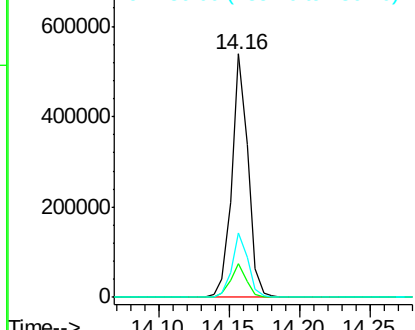
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 428930
 Ion Ratio Lower Upper
 240 100
 120 13.8 9.5 14.3
 236 26.4 20.7 31.1

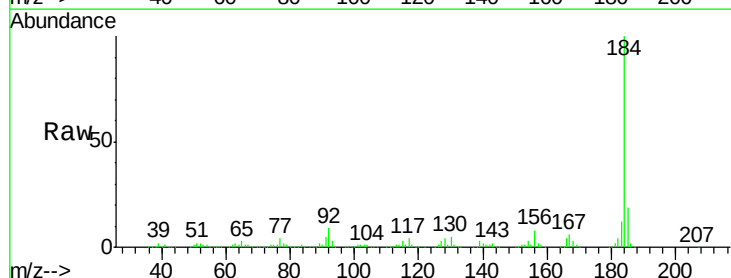


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

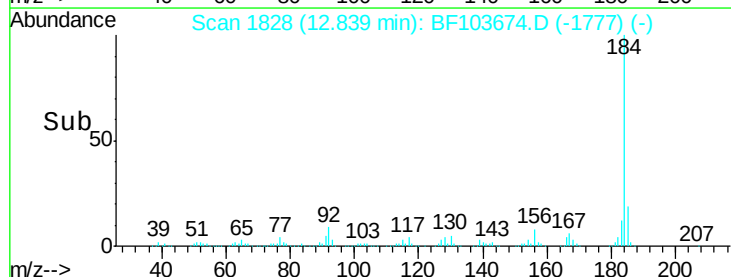
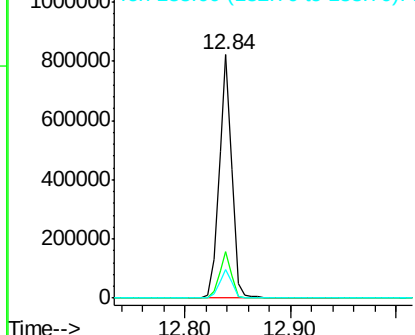


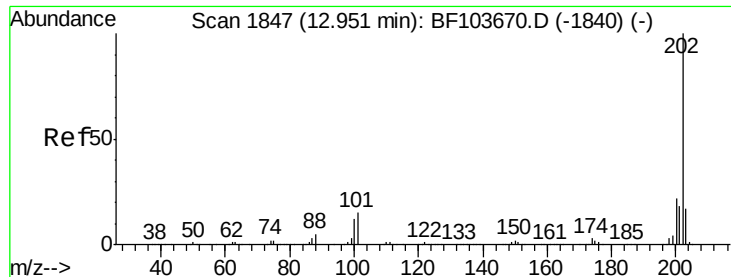
#76
 Benzidine
 Concen: 38.208 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion:184 Resp: 698975
 Ion Ratio Lower Upper
 184 100
 185 19.2 12.6 18.8#
 183 11.9 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

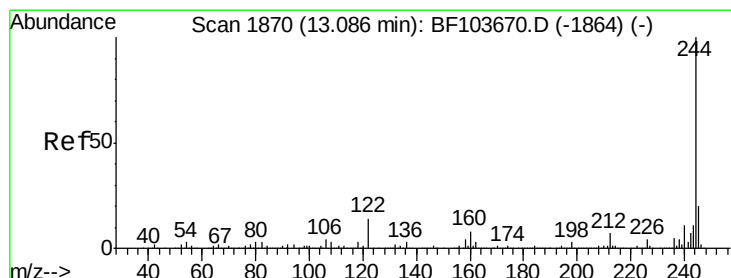
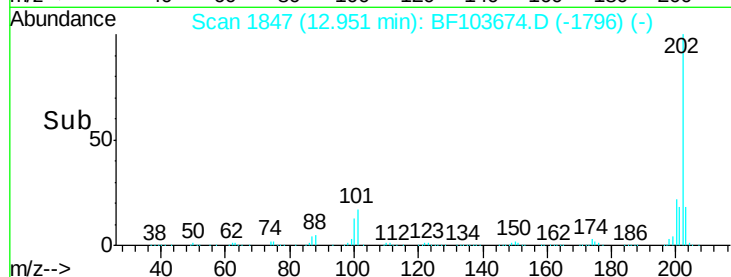
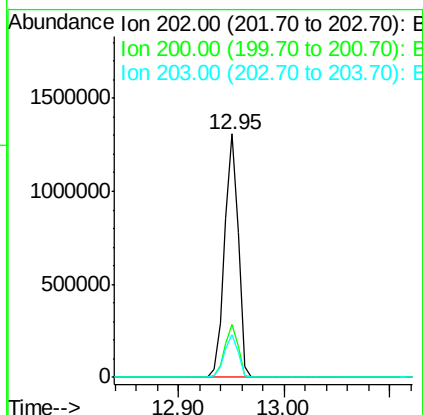
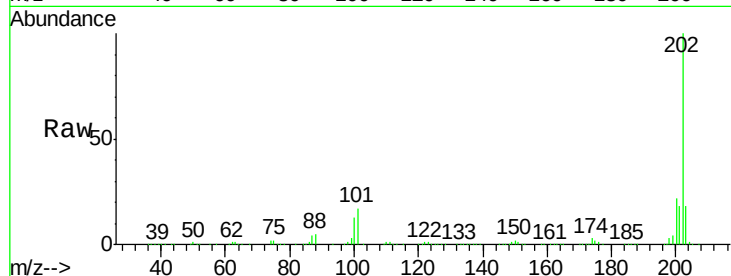




#77
Pvrene
Concen: 37.615 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

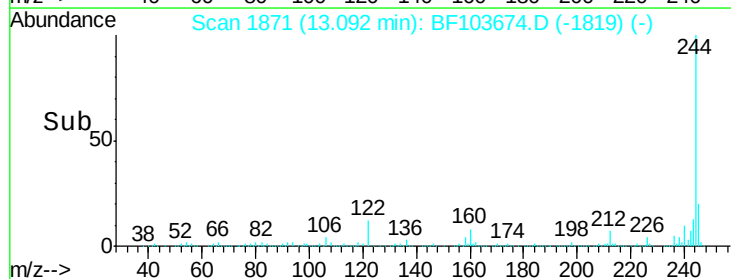
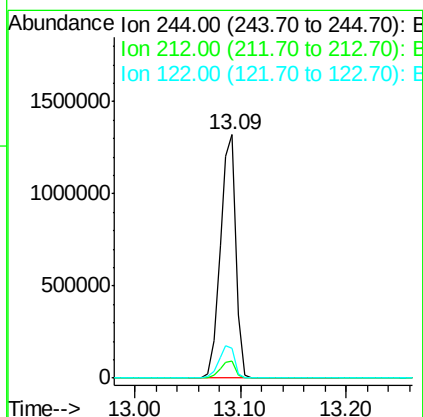
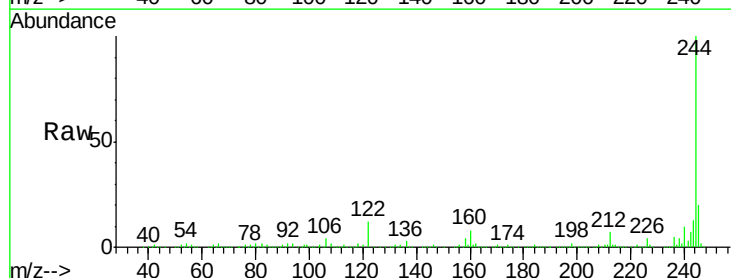
Instrument :
BNA_F
ClientSampleId :

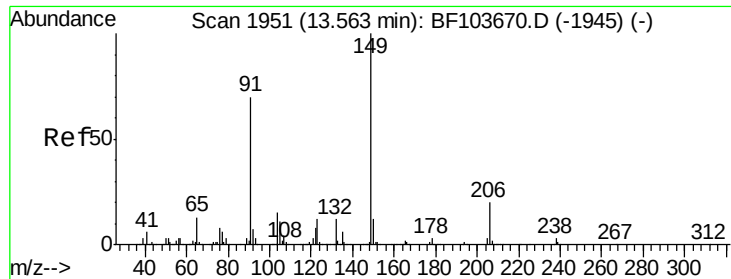
Tot Ion:202 Resp: 1184878
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 73.483 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion:244 Resp: 1357918
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.5 11.0 16.4

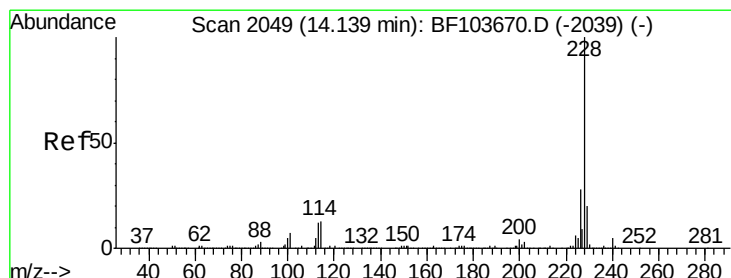
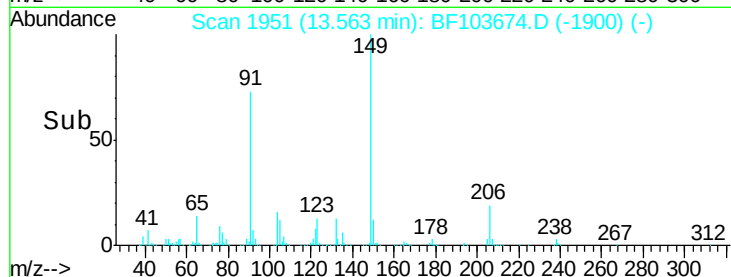
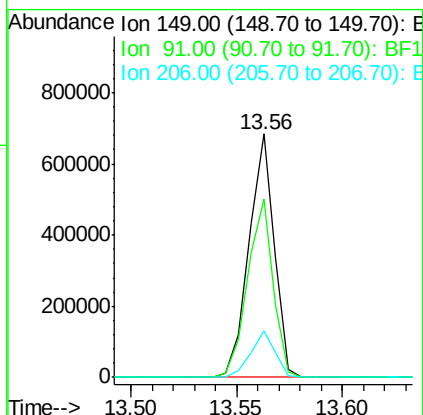
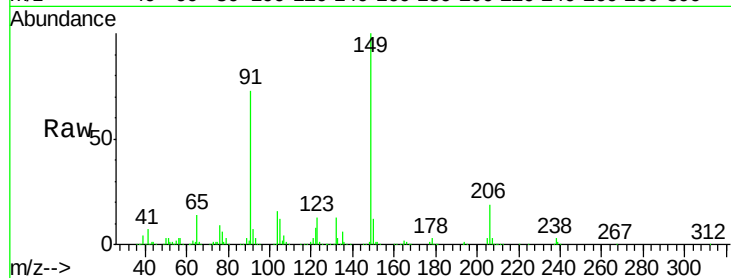




#79
Butylbenzylphthalate
Concen: 40.665 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

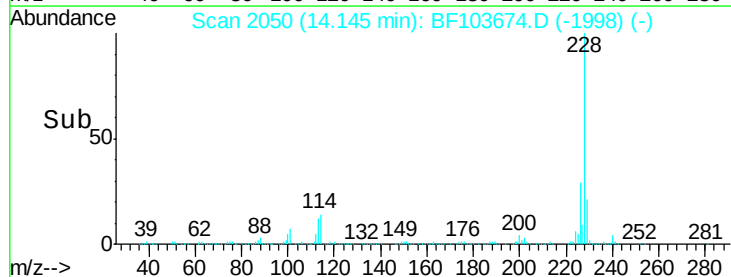
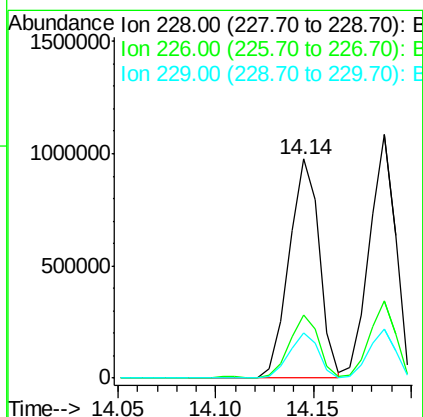
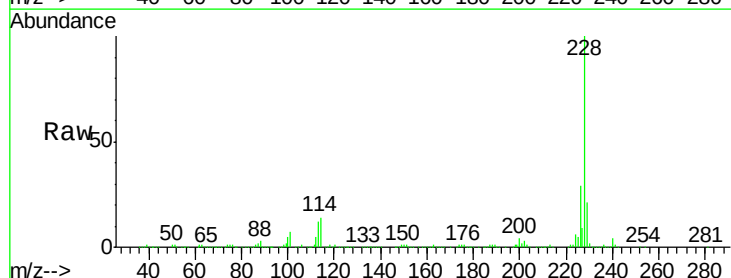
Instrument :
BNA_F
ClientSampleId :

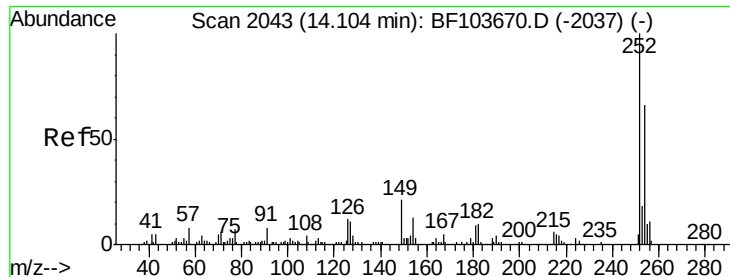
Tot Ion:149 Resp: 567537
Ion Ratio Lower Upper
149 100
91 73.5 56.8 85.2
206 18.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.396 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion:228 Resp: 1042492
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.6 15.8 23.6

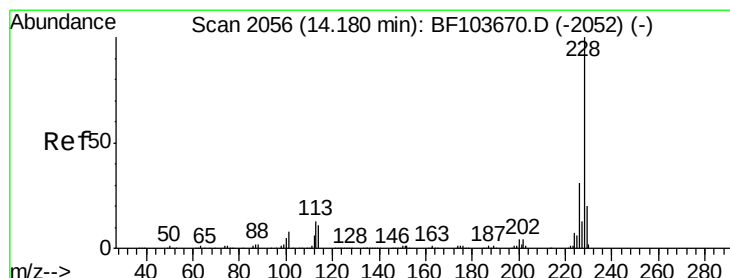
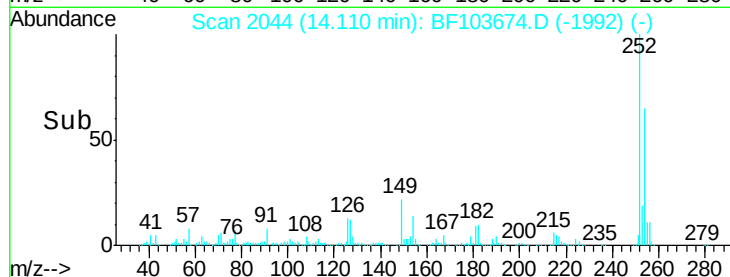
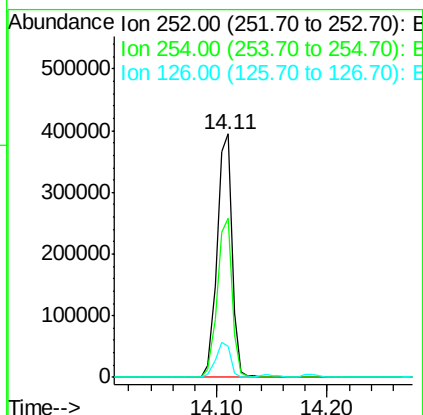
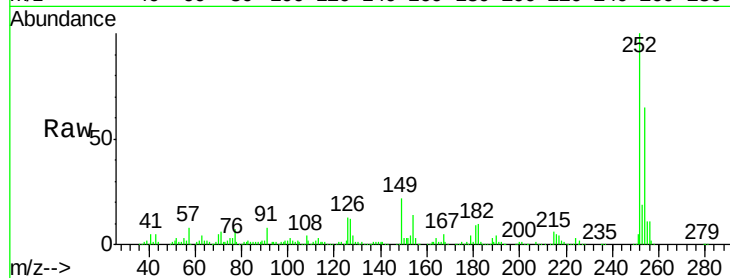




#81
 3,3'-Dichlorobenzidine
 Concen: 40.992 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

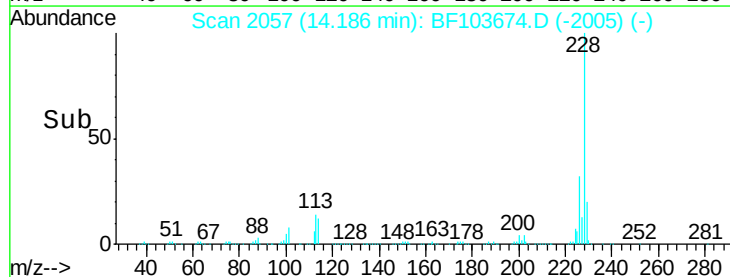
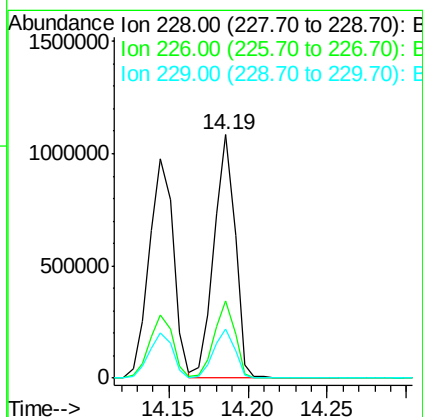
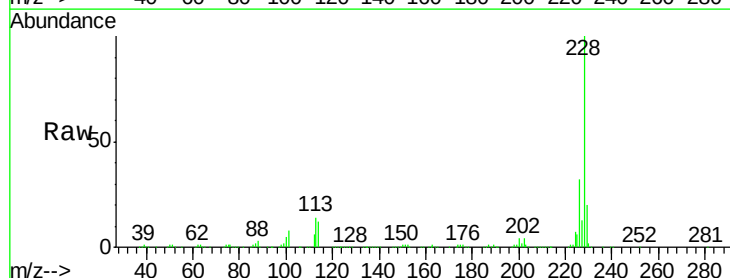
Instrument :
 BNA_F
 ClientSampleId :

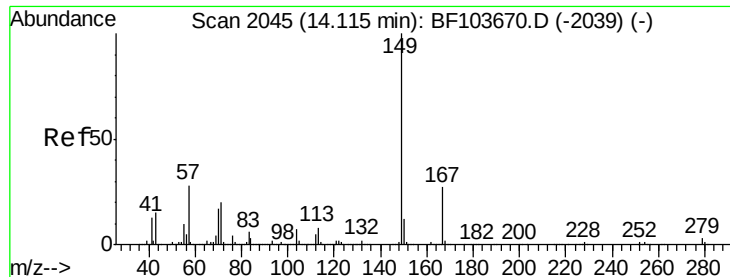
Tot Ion:252 Resp: 372282
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.4 75.6
 126 12.7 11.3 16.9



#82
 Chrysene
 Concen: 39.064 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion:228 Resp: 1011053
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.6
 229 20.4 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.483 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

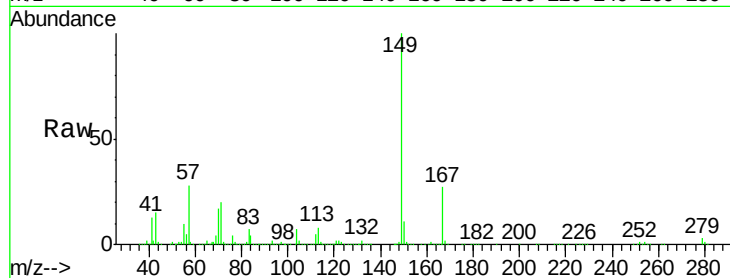
Tot Ion:149 Resp: 827079

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

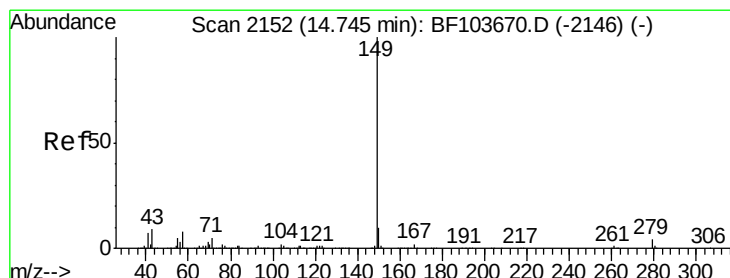
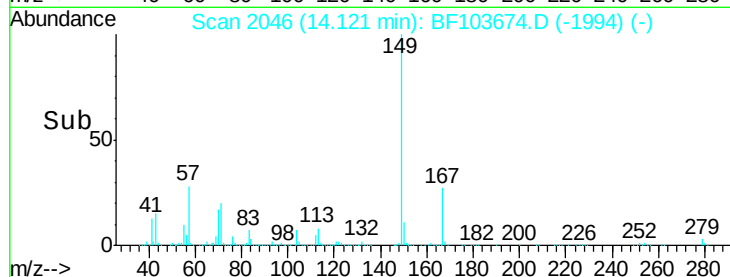
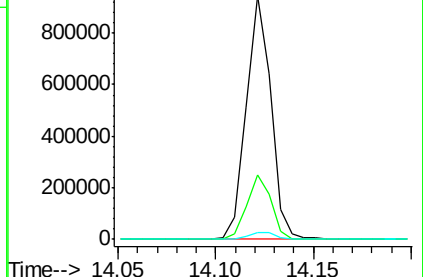
279 3.0 3.0 4.4



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: 43.996 ng

RT: 14.76 min Scan# 2154

Delta R.T. 0.01 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

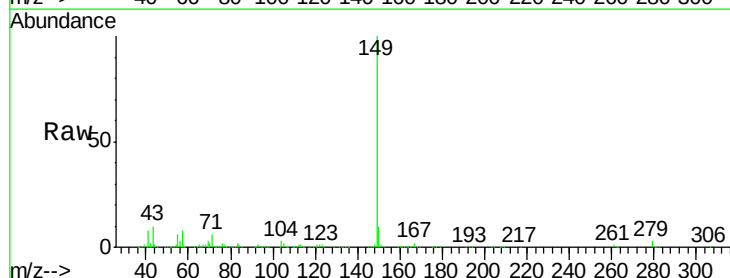
Tgt Ion:149 Resp: 1276152

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

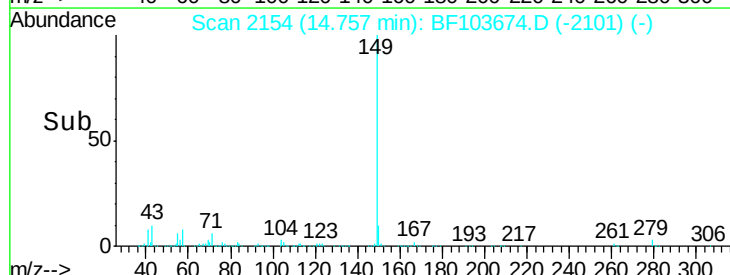
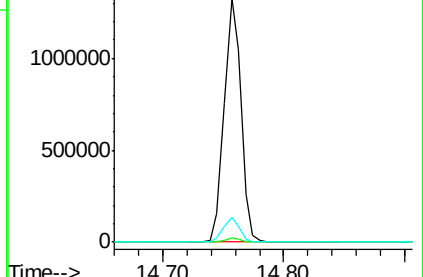
43 9.8 8.4 12.6

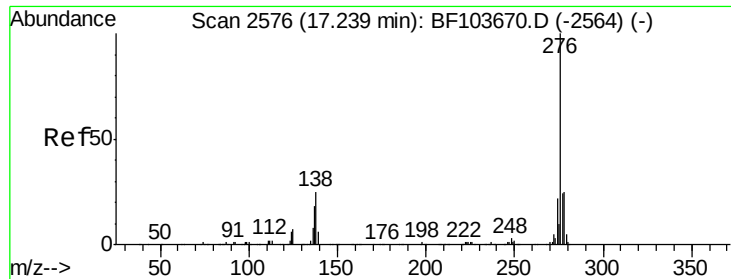


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

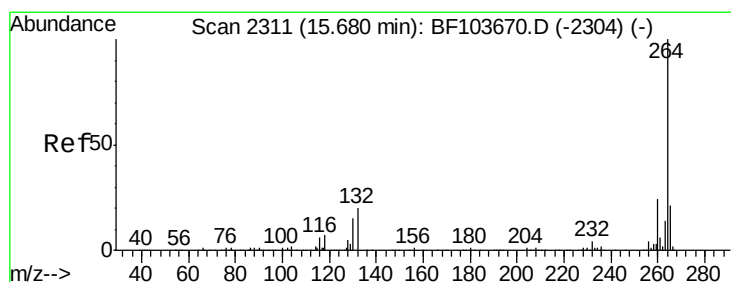
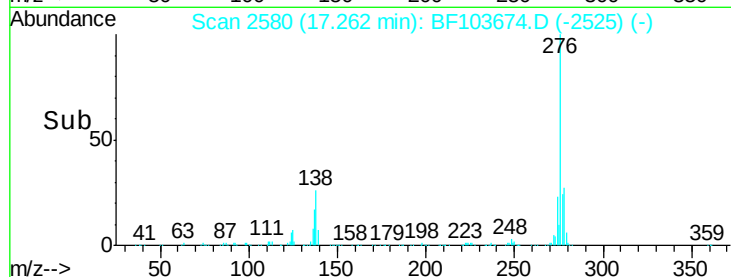
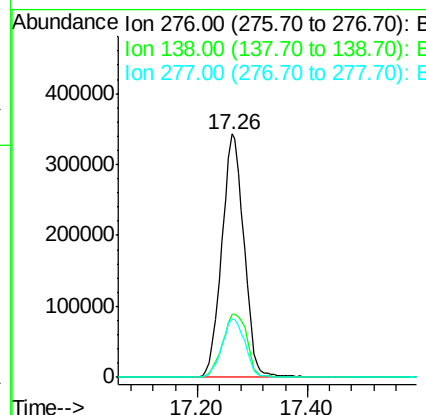
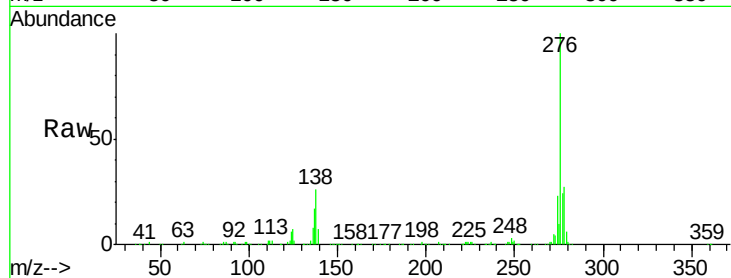




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.703 ng
 RT: 17.26 min Scan# 2580
 Delta R.T. 0.02 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

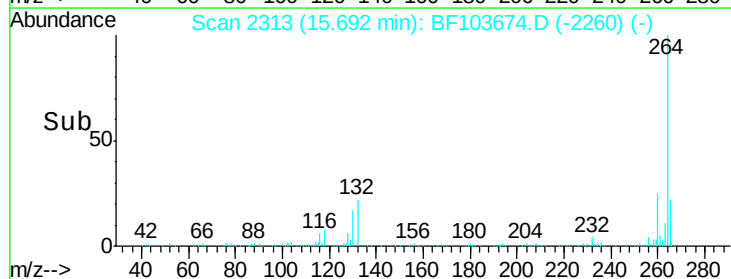
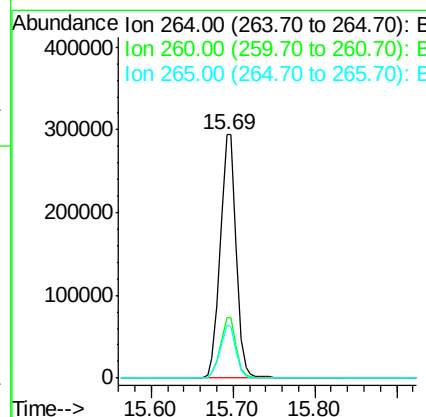
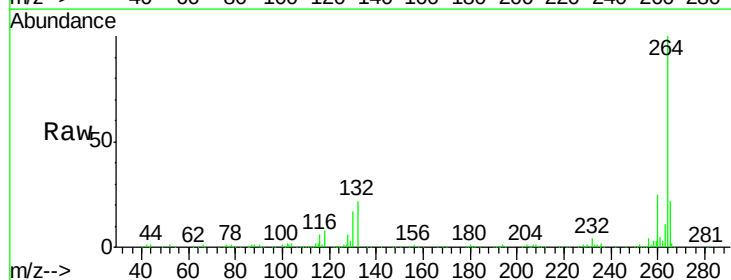
Instrument :
 BNA_F
 ClientSampleId :

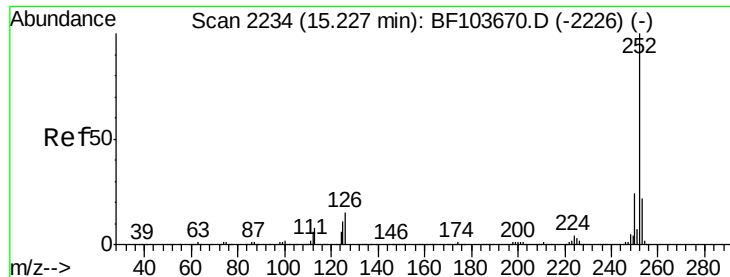
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.0	37.6
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103674.D
 Acq: 15 Mar 2018 17:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.6	17.5	26.3

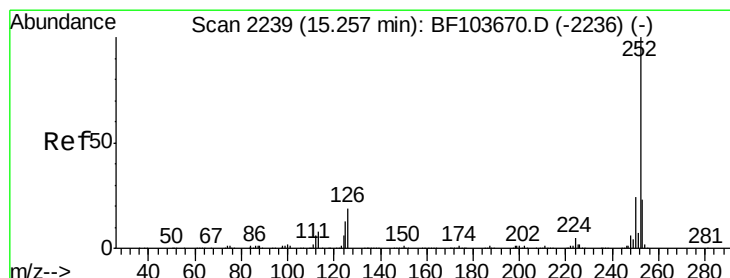
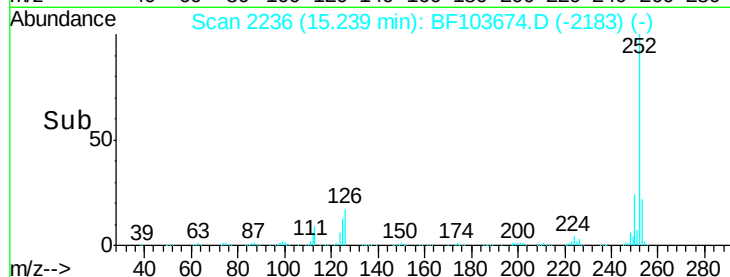
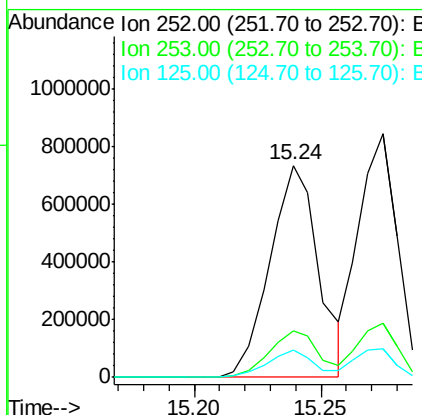
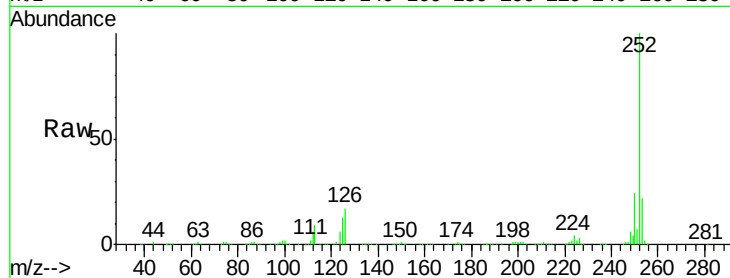




#87
Benzo(b)fluoranthene
Concen: 38.958 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

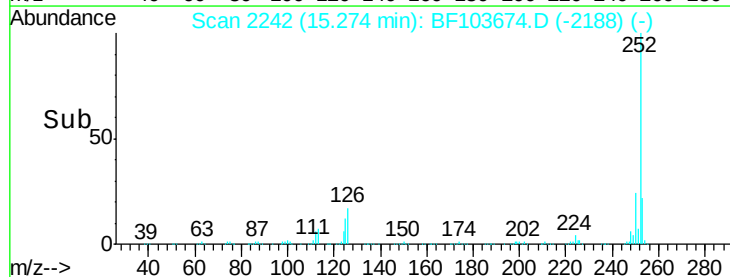
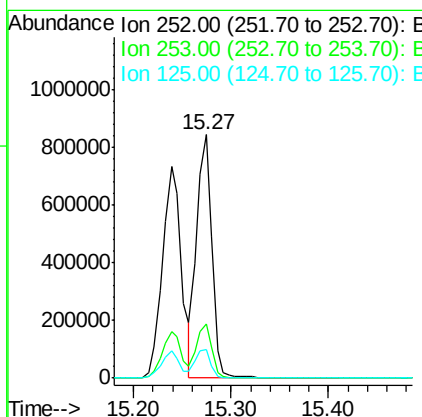
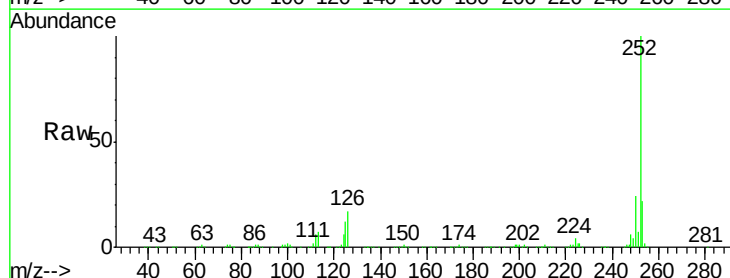
Instrument :
BNA_F
ClientSampleId :

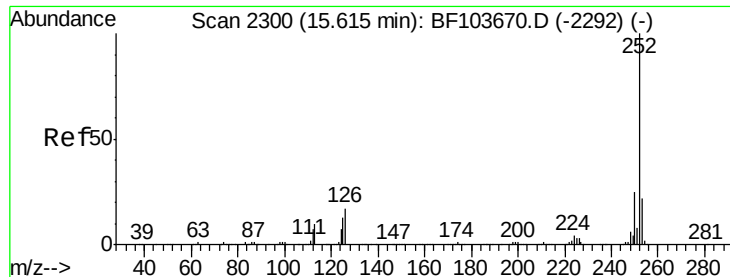
Tot Ion:252 Resp: 988263
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.477 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion:252 Resp: 913871
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.7 10.2 15.2

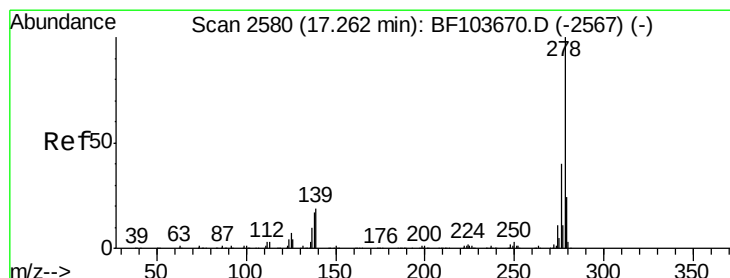
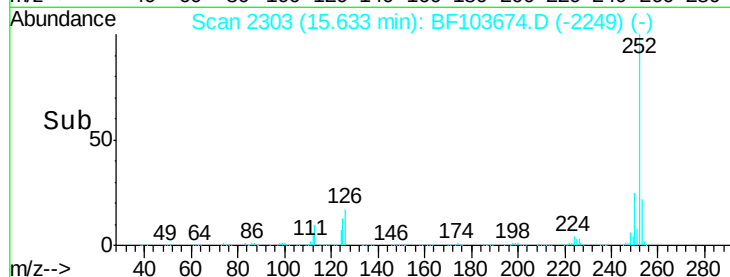
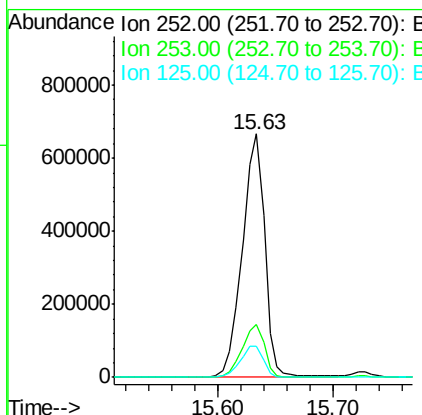
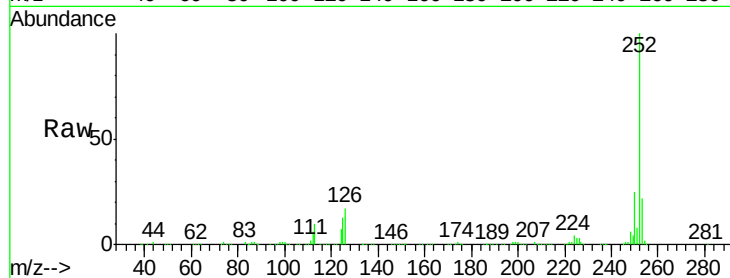




#89
Benzo(a)pyrene
Concen: 39.023 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

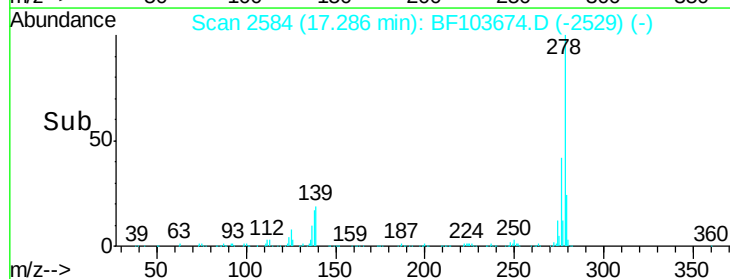
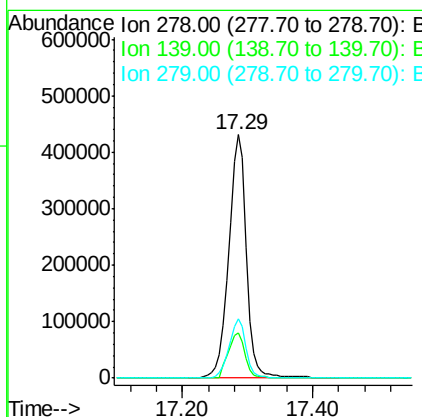
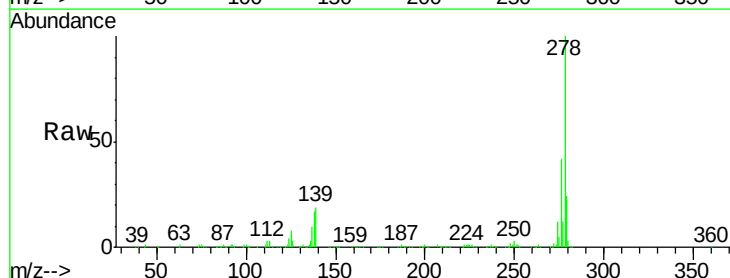
Instrument :
BNA_F
ClientSampleId :

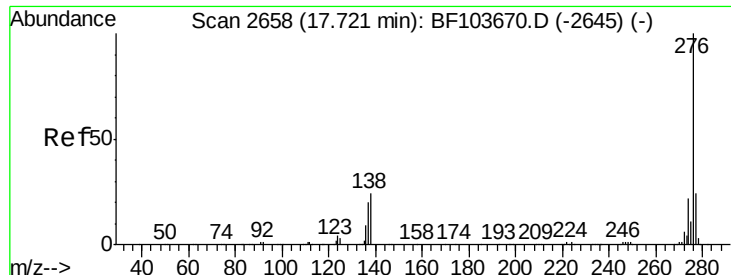
Tot Ion:252 Resp: 897851
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.567 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BF103674.D
Acq: 15 Mar 2018 17:56

Tgt Ion:278 Resp: 808218
Ion Ratio Lower Upper
278 100
139 18.6 15.9 23.9
279 24.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.095 ng

RT: 17.74 min Scan# 2662

Delta R.T. 0.02 min

Lab File: BF103674.D

Acq: 15 Mar 2018 17:56

Instrument :

BNA_F

ClientSampleId :

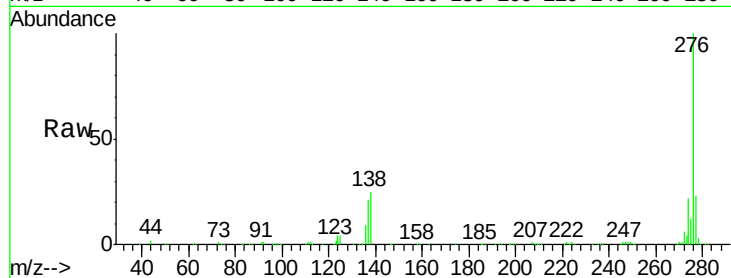
Tot Ion:276 Resp: 777124

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 25.1 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

