

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104246.D
 Acq On : 5 Apr 2018 00:32
 Operator : JU/SJ
 Sample : J2203-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 02:08:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	128846	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	534381	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	235976	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	384437	20.00	ng	0.00
75) Chrysene-d12	14.14	240	235958	20.00	ng	0.00
86) Perylene-d12	15.68	264	232353	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1031449	127.66	ng	0.00
7) Phenol-d6	6.60	99	1234293	124.17	ng	0.00
23) Nitrobenzene-d5	7.52	82	773129	88.48	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	306731	116.73	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1358013	90.75	ng	0.00
78) Terphenyl-d14	13.07	244	1035632	101.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	106983	30.702	ng	# 81
3) Pyridine	3.69	79	184891	20.959	ng	88
4) n-Nitrosodimethylamine	3.65	42	51327	19.575	ng	# 88
6) Aniline	6.63	93	297907	25.035	ng	# 76
8) 2-Chlorophenol	6.75	128	357410	40.328	ng	97
9) Benzaldehyde	6.53	77	43634	6.291	ng	98
10) Phenol	6.62	94	477948	43.396	ng	96
11) bis(2-Chloroethyl)ether	6.69	93	405915	42.770	ng	89
12) 1,3-Dichlorobenzene	6.89	146	350620	35.194	ng	99
13) 1,4-Dichlorobenzene	6.97	146	399799	37.453	ng	100
14) 1,2-Dichlorobenzene	7.12	146	371780	38.748	ng	99
15) Benzyl Alcohol	7.10	79	218164	33.756	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	392090	37.921	ng	# 44
17) 2-Methylphenol	7.21	107	262896	36.446	ng	# 78
18) Hexachloroethane	7.45	117	124290	34.776	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	239375	40.579	ng	91
20) 3+4-Methylphenols	7.37	107	328371	35.669	ng	# 59
22) Acetophenone	7.37	105	498143	38.528	ng	98
24) Nitrobenzene	7.54	77	313272	34.074	ng	99
25) Isophorone	7.76	82	664947	41.292	ng	98
26) 2-Nitrophenol	7.85	139	181014	37.718	ng	96
27) 2,4-Dimethylphenol	7.89	122	287463	41.533	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	429907	42.595	ng	99
29) 2,4-Dichlorophenol	8.10	162	286124	39.578	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	310018	37.795	ng	98
31) Naphthalene	8.26	128	1066296	40.844	ng	100
32) Benzoic acid	8.03	122	115708	22.820	ng	96
33) 4-Chloroaniline	8.32	127	180562	16.406	ng	94
34) Hexachlorobutadiene	8.36	225	161737	36.235	ng	98
35) Caprolactam	8.68	113	82944	36.184	ng	# 78
36) 4-Chloro-3-methylphenol	8.80	107	304858	39.868	ng	96
37) 2-Methylnaphthalene	8.95	142	650645	37.836	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	295653	40.857	ng	# 98
40) Hexachlorocyclopentadiene	9.09	237	58373	21.370	ng	97

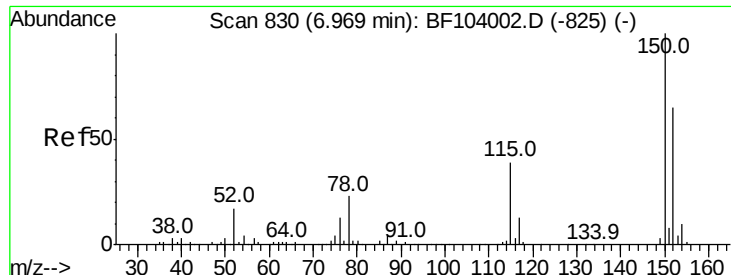
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	174174	38.012	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	204196	36.908	ng	95
45) 1,1'-Biphenyl	9.41	154	814470	40.214	ng	98
46) 2-Chloronaphthalene	9.44	162	626429	39.211	ng	98
47) 2-Nitroaniline	9.55	65	176574	38.761	ng	92
48) Acenaphthylene	9.85	152	898029	37.104	ng	100
49) Dimethylphthalate	9.70	163	877969	47.124	ng	100
50) 2,6-Dinitrotoluene	9.78	165	157201	39.219	ng	95
51) Acenaphthene	10.03	154	514904	36.776	ng	99
52) 3-Nitroaniline	9.97	138	122395	26.563	ng	99
53) 2,4-Dinitrophenol	10.09	184	22420	17.492	ng	# 50
54) Dibenzofuran	10.20	168	778697	38.085	ng	96
55) 4-Nitrophenol	10.15	139	128699	46.583	ng	93
56) 2,4-Dinitrotoluene	10.19	165	187690	36.696	ng	# 94
57) Fluorene	10.55	166	628918	37.290	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	151474	36.543	ng	89
59) Diethylphthalate	10.40	149	691305	38.732	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	305050	39.380	ng	95
61) 4-Nitroaniline	10.60	138	134039	31.089	ng	92
62) Azobenzene	10.69	77	613532	38.015	ng	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	31116	13.371	ng	87
65) n-Nitrosodiphenylamine	10.65	169	559722	42.991	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	167107	40.630	ng	91
67) Hexachlorobenzene	11.09	284	183656	38.819	ng	# 86
68) Atrazine	11.17	200	166550	41.756	ng	100
69) Pentachlorophenol	11.29	266	150273	57.721	ng	97
70) Phenanthrene	11.51	178	775215	37.245	ng	100
71) Anthracene	11.56	178	917472	42.201	ng	99
72) Carbazole	11.73	167	791808	38.159	ng	99
73) Di-n-butylphthalate	12.03	149	1005276	40.673	ng	99
74) Fluoranthene	12.70	202	747572	33.790	ng	98
76) Benzidine	12.84	184	386227	57.438	ng	97
77) Pyrene	12.94	202	704935	41.560	ng	98
79) Butylbenzylphthalate	13.53	149	352358	44.093	ng	95
80) Benzo(a)anthracene	14.13	228	536270	36.322	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	209083	42.783	ng	97
82) Chrysene	14.17	228	595535	41.182	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	459331	44.486	ng	99
84) Di-n-octyl phthalate	14.71	149	726426	40.899	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.27	276	543399	36.262	ng	96
87) Benzo(b)fluoranthene	15.22	252	476696	33.711	ng	98
88) Benzo(k)fluoranthene	15.25	252	620835	46.607	ng	99
89) Benzo(a)pyrene	15.62	252	525418	40.095	ng	98
90) Dibenzo(a,h)anthracene	17.27	278	464167	38.311	ng	98
91) Benzo(g,h,i)perylene	17.75	276	422344	34.803	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

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BNA_F

ClientSampleId :

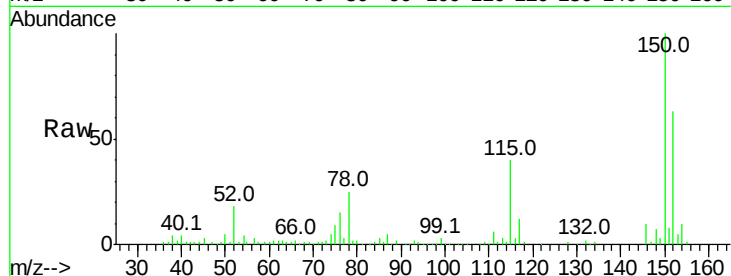
Tot Ion:152 Resp: 128846

Ion Ratio Lower Upper

152 100

150 159.5 124.6 186.8

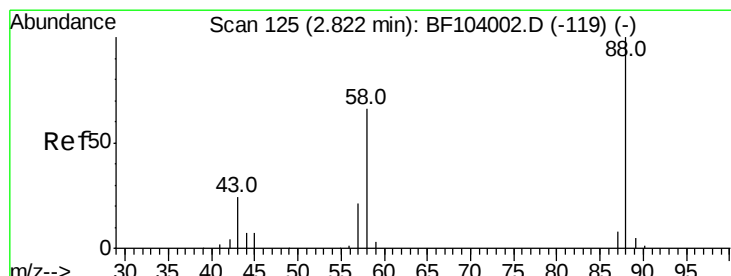
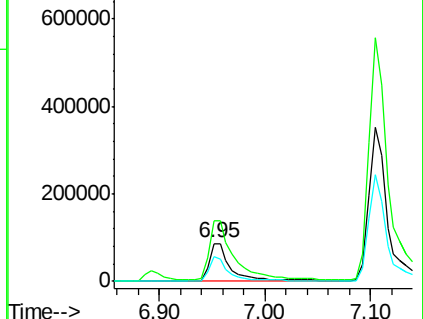
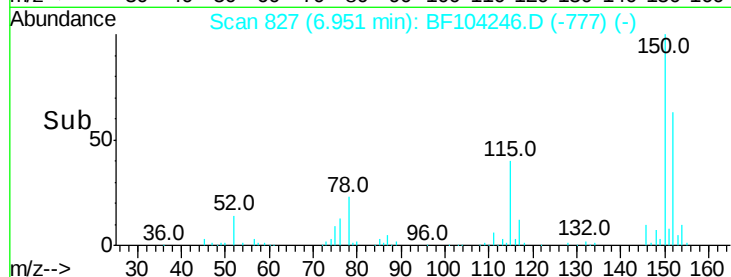
115 63.6 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.702 ng

RT: 2.85 min Scan# 130

Delta R.T. 0.08 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

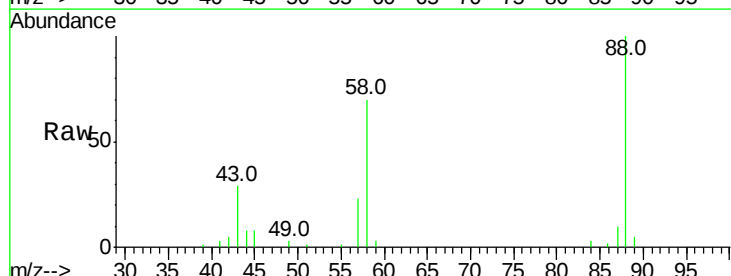
Tgt Ion: 88 Resp: 106983

Ion Ratio Lower Upper

88 100

58 61.2 62.6 93.8#

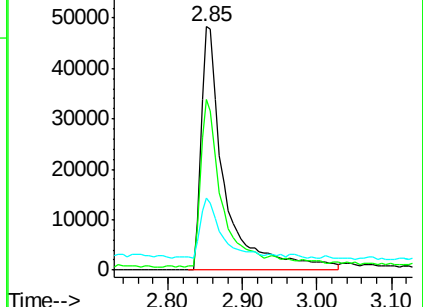
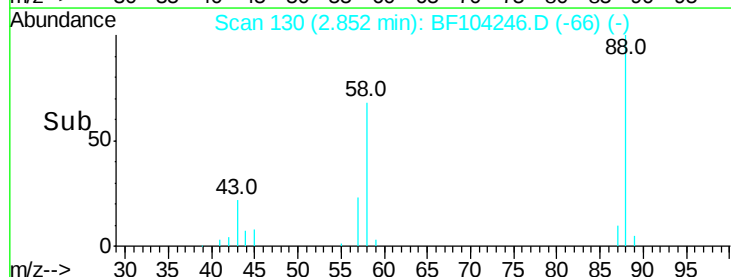
43 20.4 24.6 37.0#

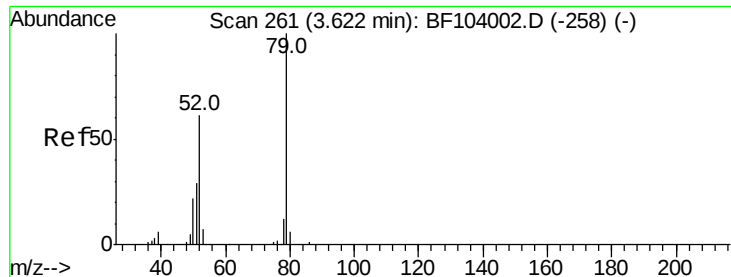


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 20.959 ng

RT: 3.69 min Scan# 273

Delta R.T. 0.09 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampleId :

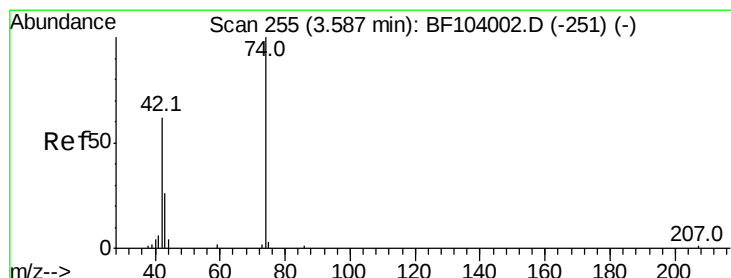
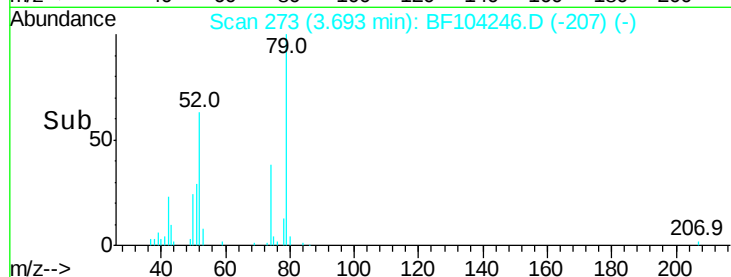
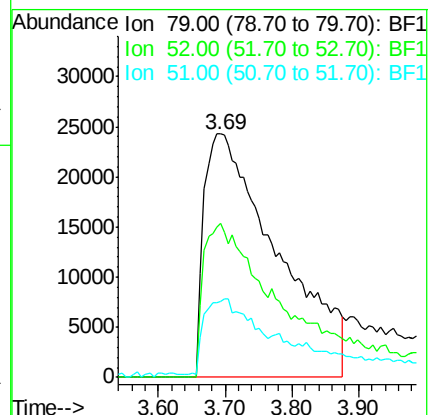
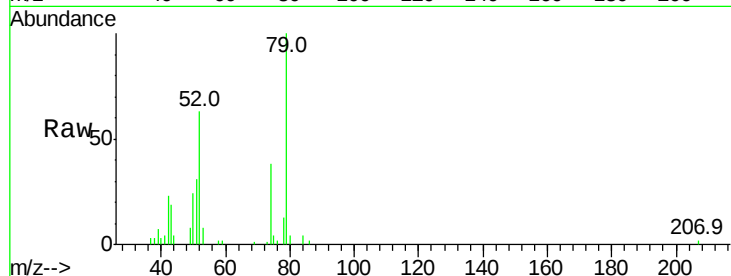
Tot Ion: 79 Resp: 184891

Ion Ratio Lower Upper

79 100

52 63.3 59.8 89.6

51 31.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 19.575 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.06 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

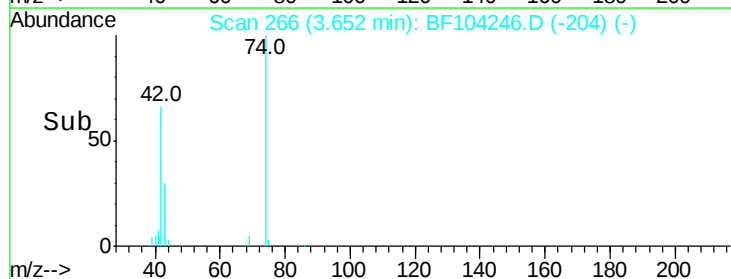
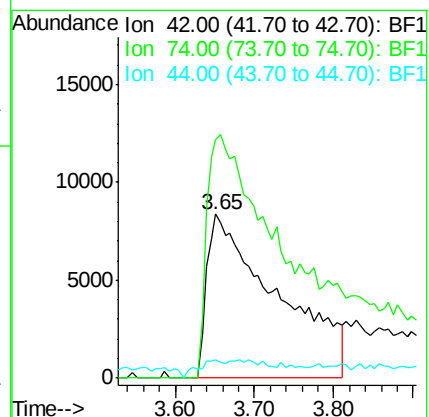
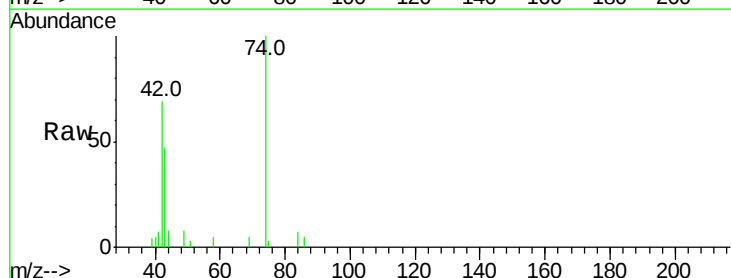
Tgt Ion: 42 Resp: 51327

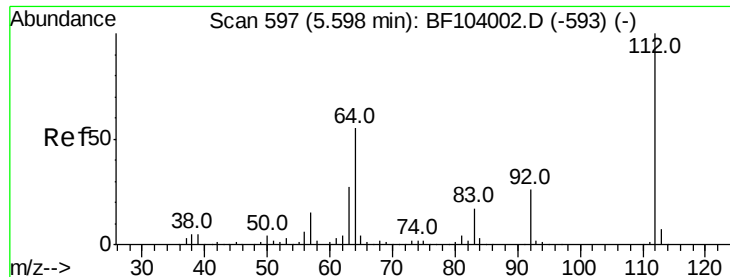
Ion Ratio Lower Upper

42 100

74 145.3 104.9 157.3

44 11.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 127.664 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampled :

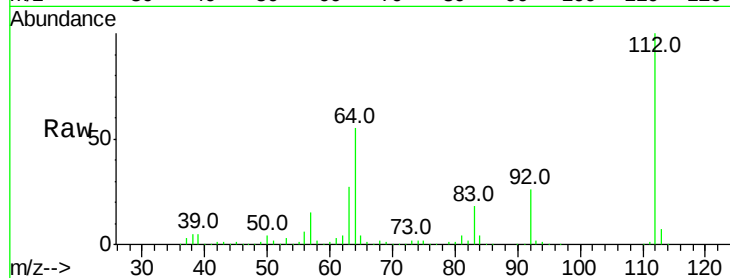
Tot Ion:112 Resp: 1031449

Ion Ratio Lower Upper

112 100

64 55.2 47.9 71.9

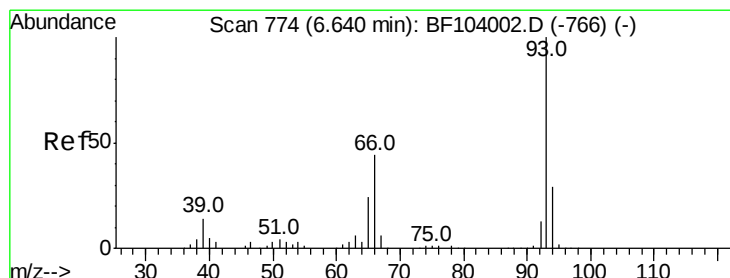
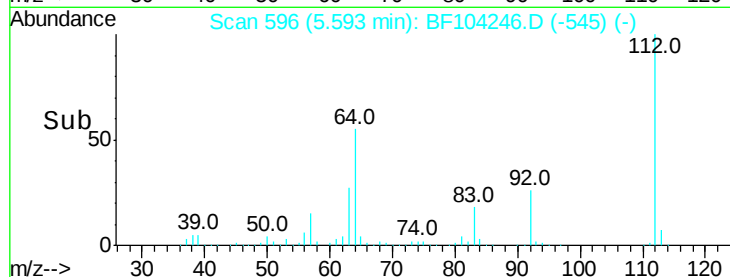
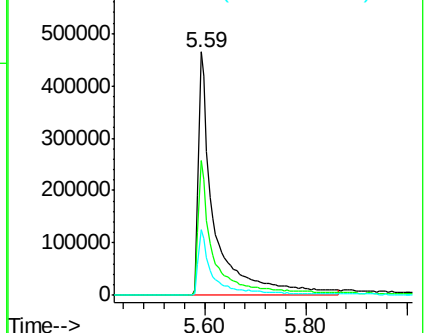
63 27.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.035 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

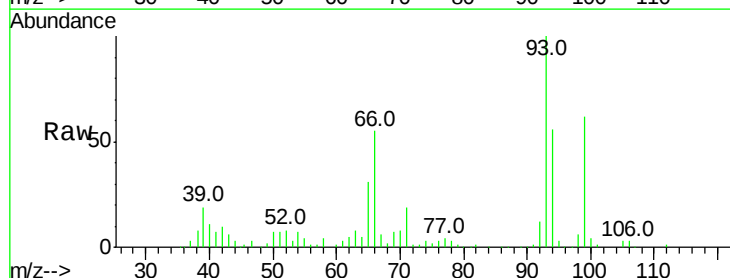
Tgt Ion: 93 Resp: 297907

Ion Ratio Lower Upper

93 100

66 55.3 32.2 48.2#

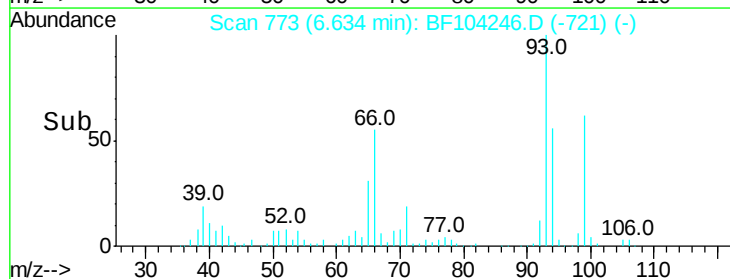
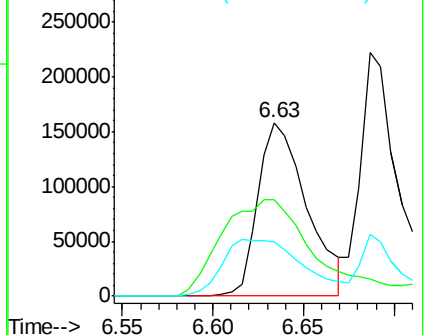
65 31.1 16.4 24.6#

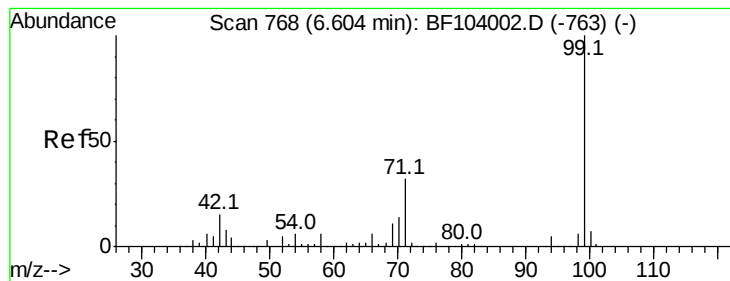


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.173 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

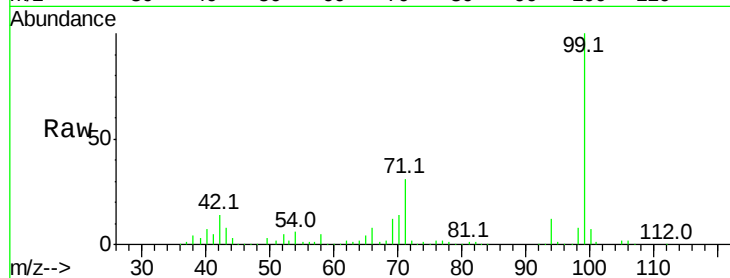
Instrument :

BNA_F

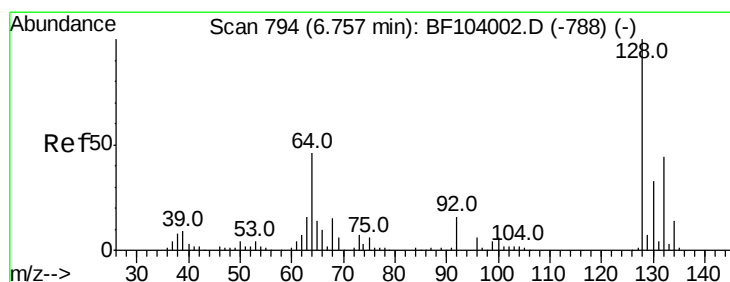
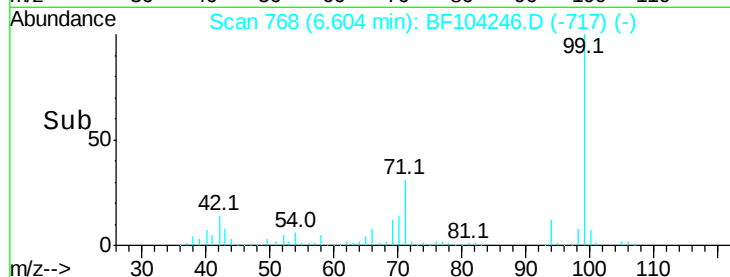
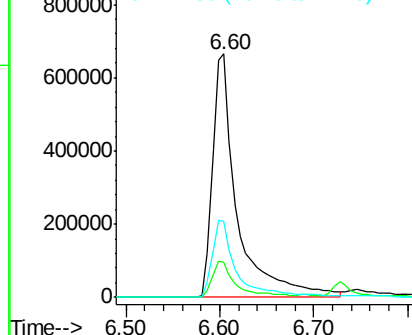
ClientSampleId :

Tot Ion: 99 Resp: 1234293

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7#
71	31.3	25.4	38.0



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



#8

2-Chlorophenol

Concen: 40.328 ng

RT: 6.75 min Scan# 792

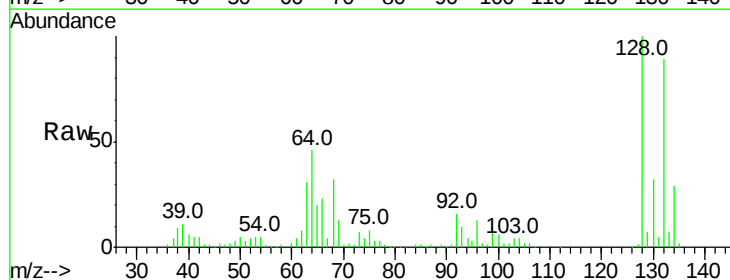
Delta R.T. 0.00 min

Lab File: BF104246.D

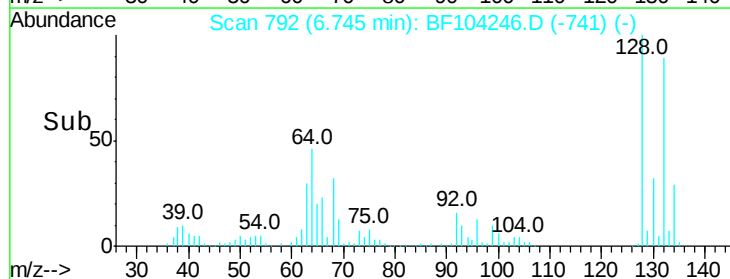
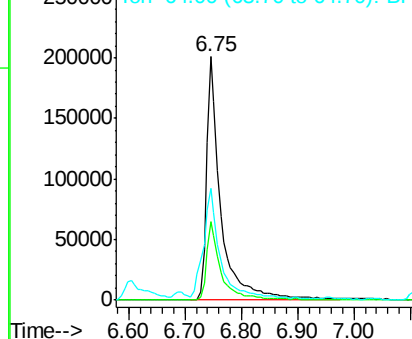
Acq: 5 Apr 2018 00:32

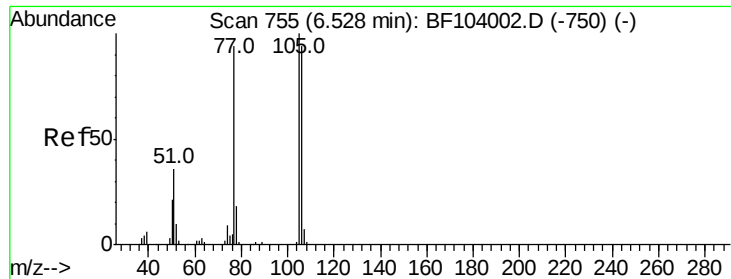
Tgt Ion:128 Resp: 357410

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	46.1	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

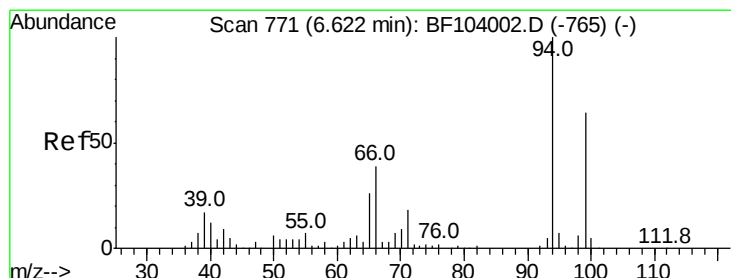
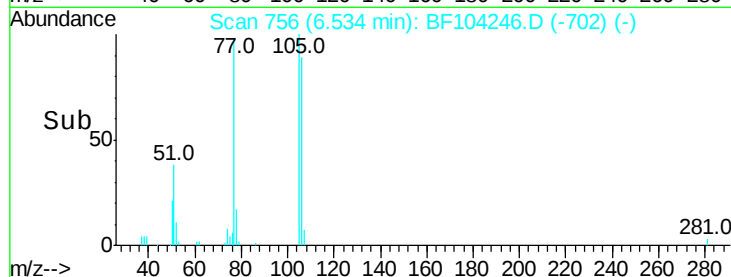
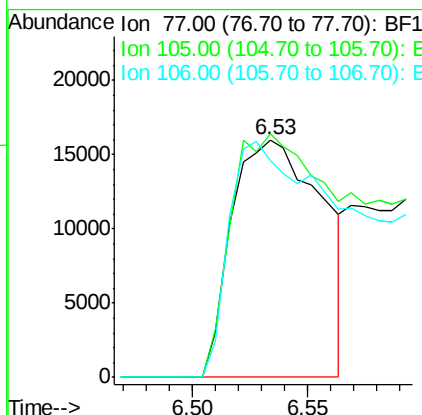
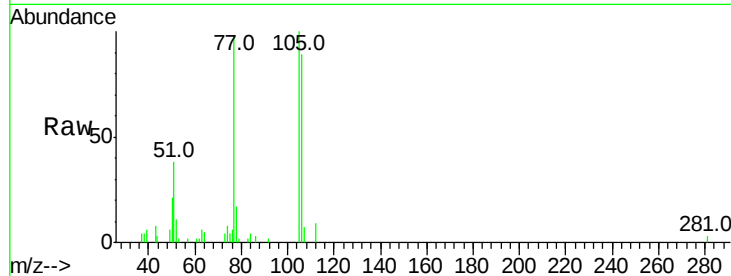




#9
Benzaldehyde
Concen: 6.291 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.02 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

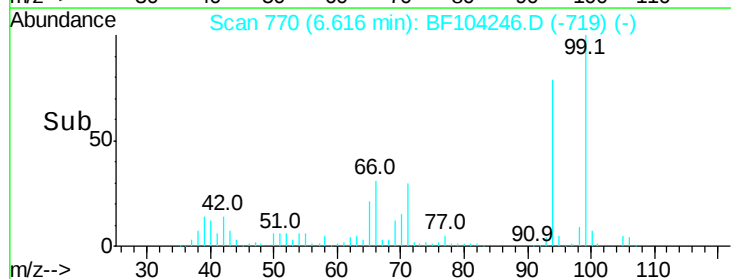
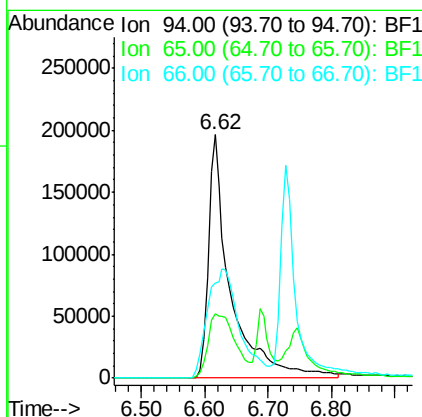
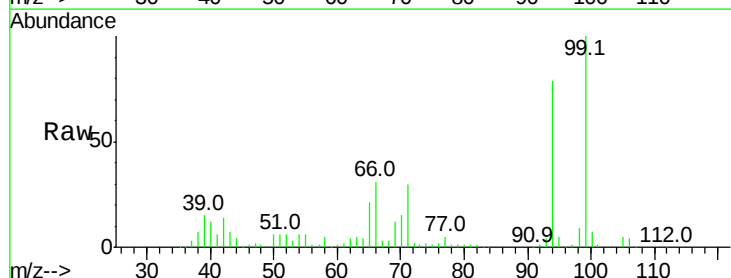
Instrument :
BNA_F
ClientSampleId :

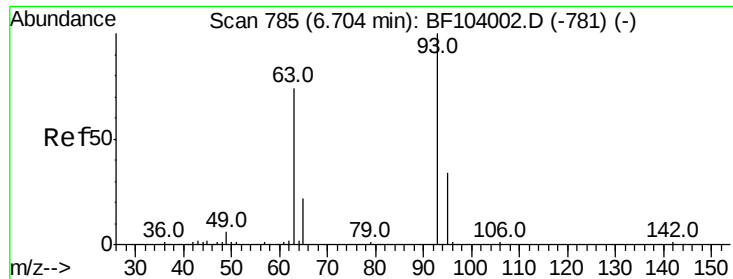
Tot Ion: 77 Resp: 43634
Ion Ratio Lower Upper
77 100
105 102.5 81.1 121.1
106 91.2 74.5 114.5



#10
Phenol
Concen: 43.396 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion: 94 Resp: 477948
Ion Ratio Lower Upper
94 100
65 26.2 7.9 47.9
66 39.1 16.2 56.2

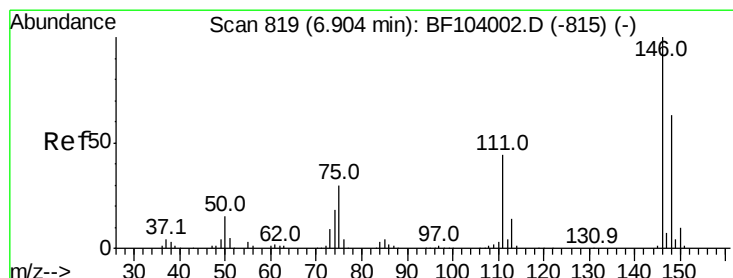
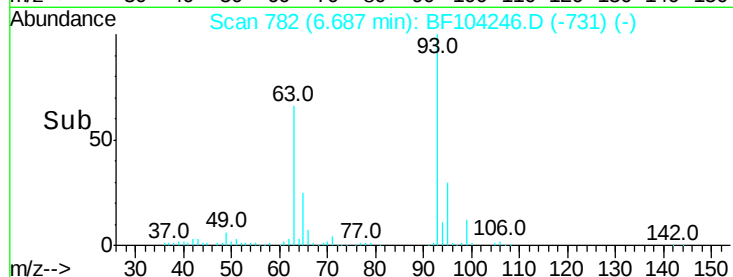
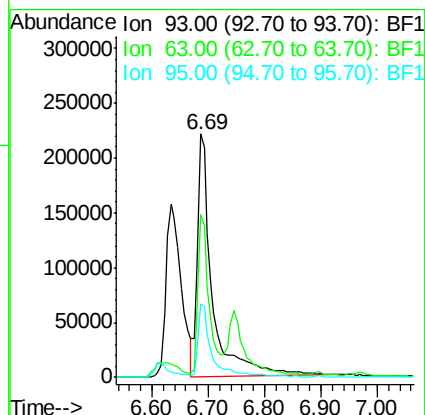
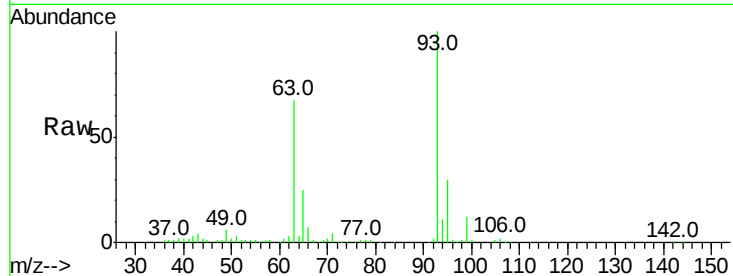




#11
bis(2-Chloroethyl)ether
Concen: 42.770 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

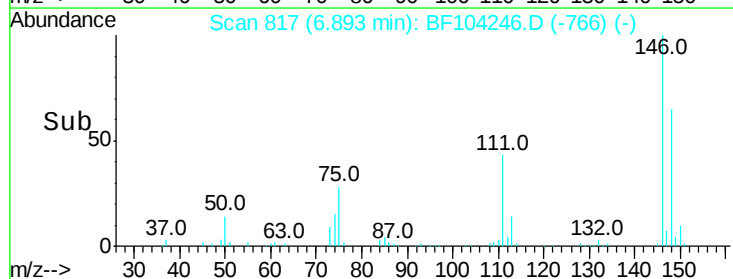
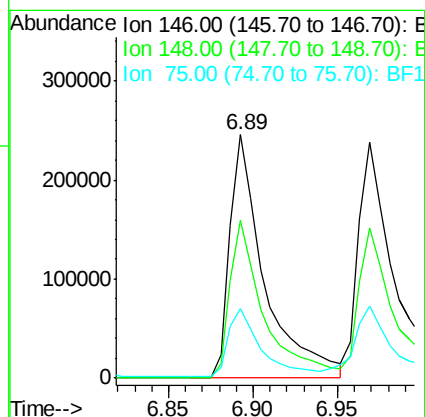
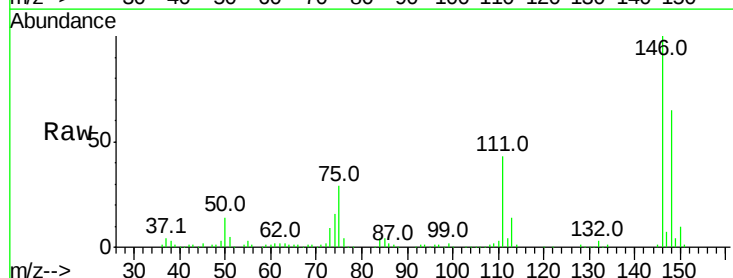
Instrument :
BNA_F
ClientSampleId :

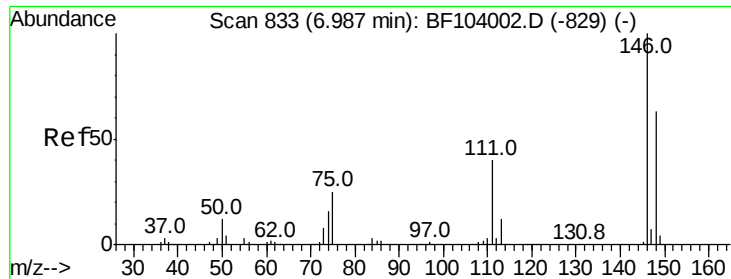
Tot Ion: 93 Resp: 405915
Ion Ratio Lower Upper
93 100
63 66.7 58.6 98.6
95 30.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.194 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion: 146 Resp: 350620
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 28.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.453 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampleId :

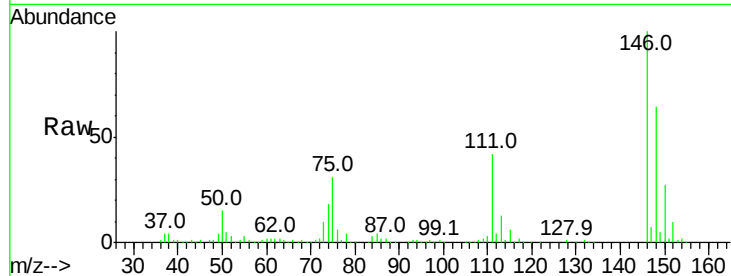
Tot Ion:146 Resp: 399799

Ion Ratio Lower Upper

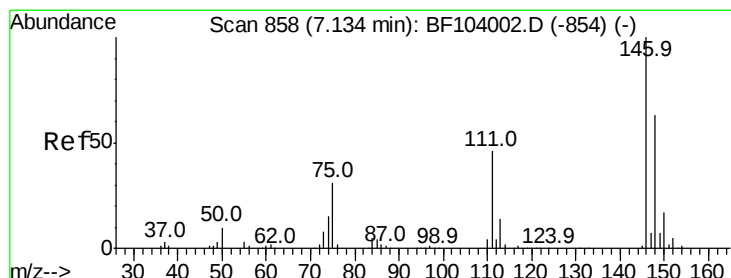
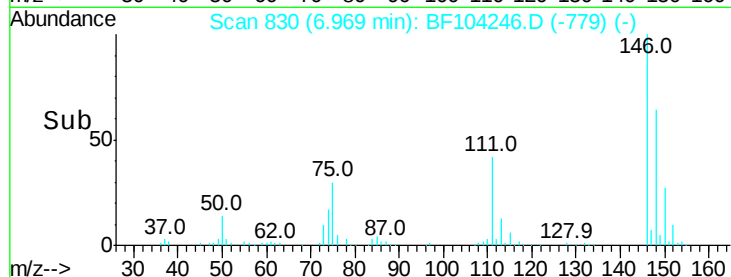
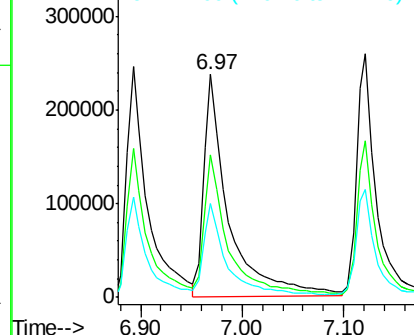
146 100

148 63.8 50.8 76.2

111 42.4 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 38.748 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

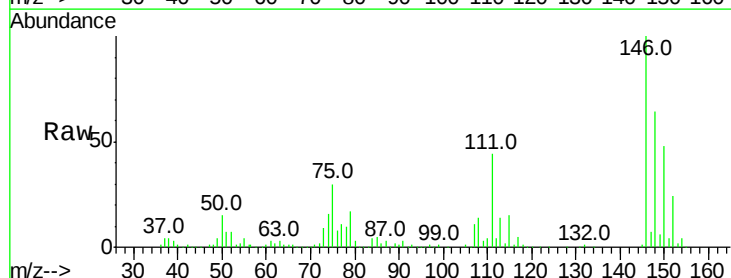
Tgt Ion:146 Resp: 371780

Ion Ratio Lower Upper

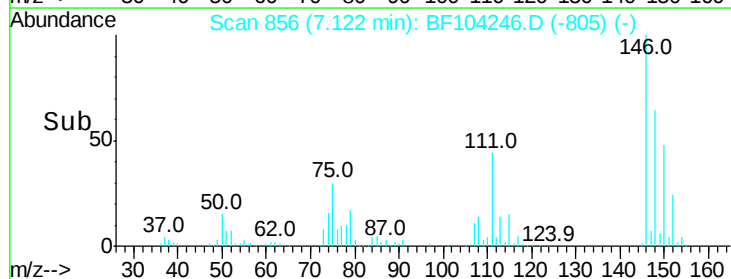
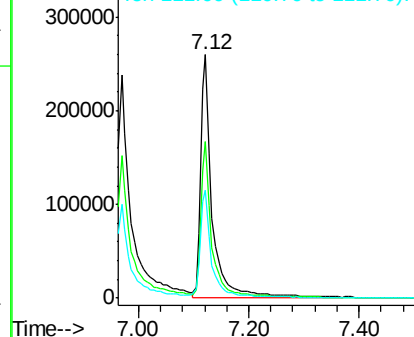
146 100

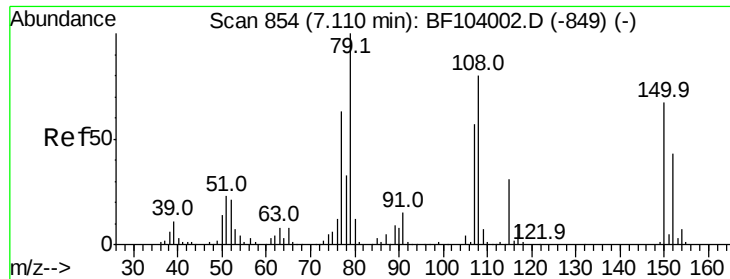
148 64.1 50.6 75.8

111 44.1 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

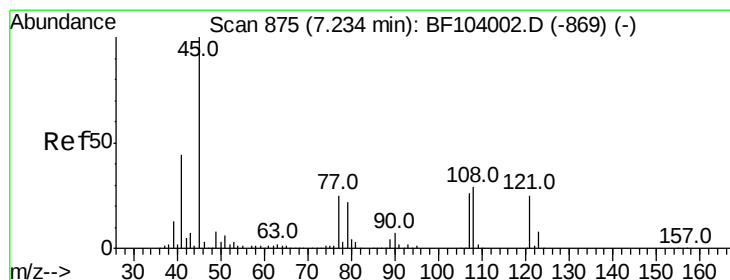
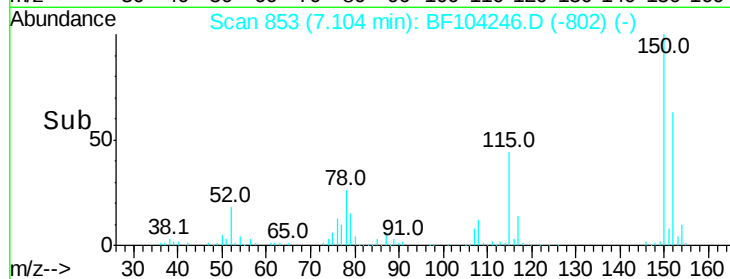
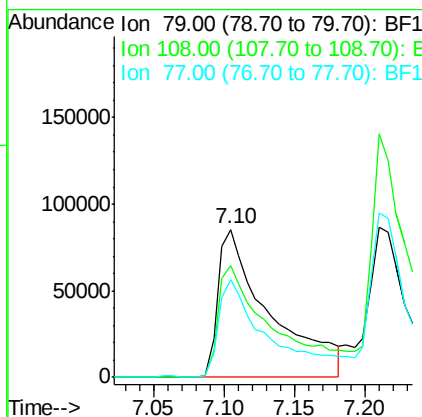
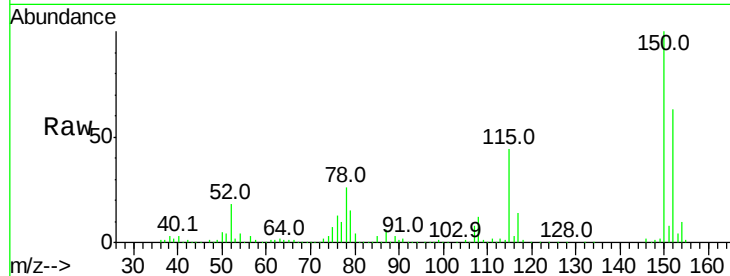




#15
Benzvl Alcohol
Concen: 33.756 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

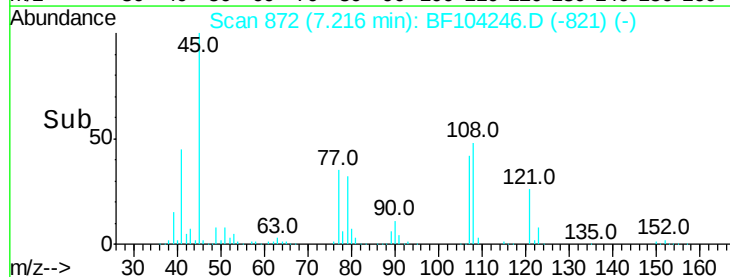
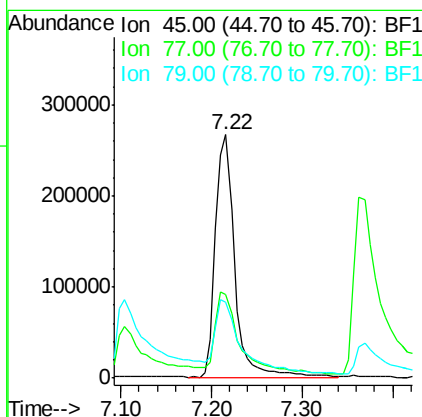
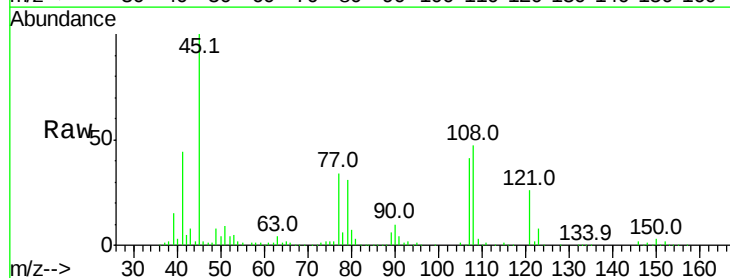
Instrument :
BNA_F
ClientSampleId :

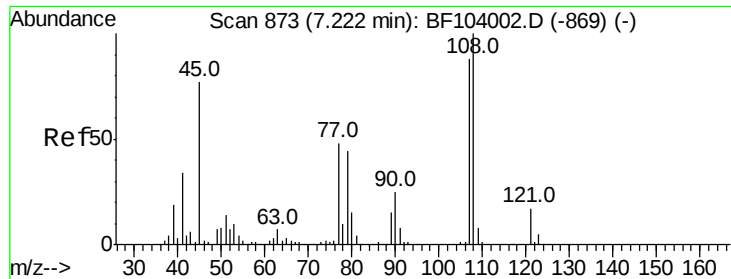
Tot Ion: 79 Resp: 218164
Ion Ratio Lower Upper
79 100
108 75.8 65.1 97.7
77 66.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.921 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion: 45 Resp: 392090
Ion Ratio Lower Upper
45 100
77 34.5 0.0 32.9#
79 31.3 0.0 29.6#

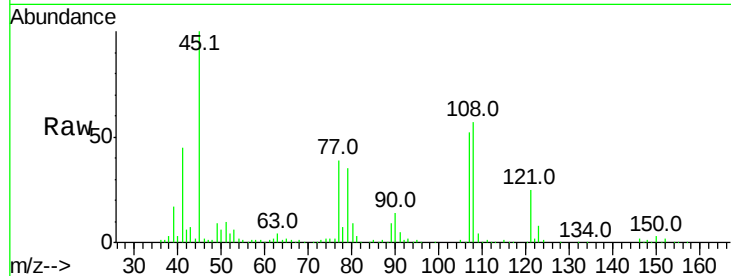




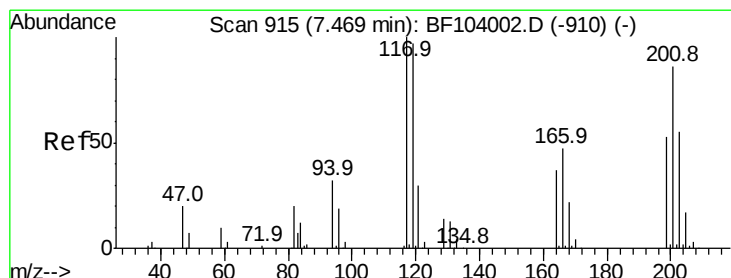
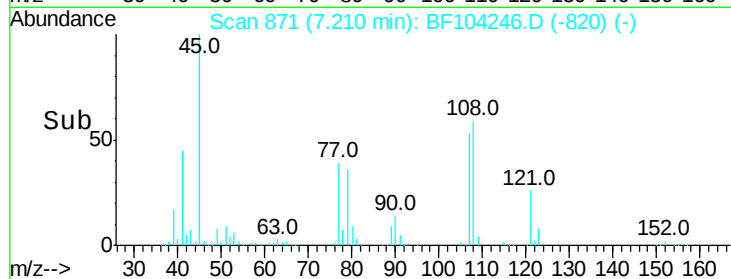
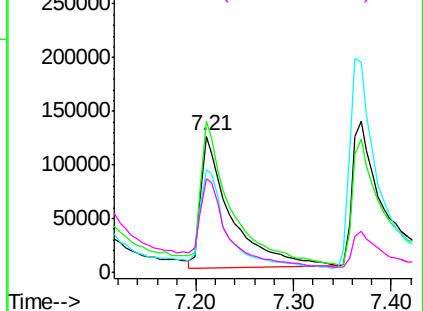
#17
2-Methylphenol
Concen: 36.446 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 262896
Ion Ratio Lower Upper
107 100
108 111.2 91.7 137.5
77 75.2 33.8 50.8#
79 68.6 33.8 50.8#

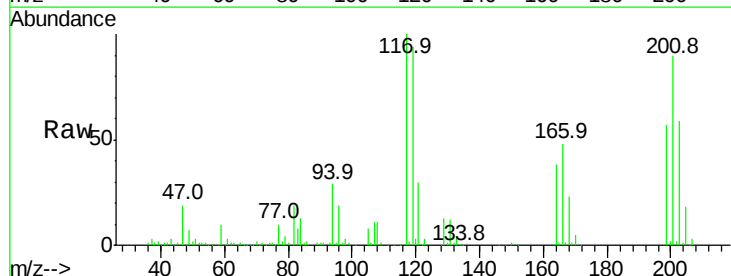


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

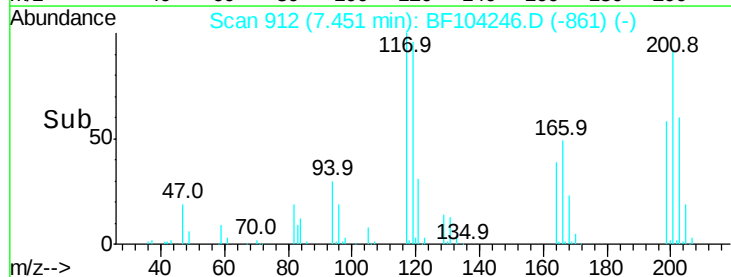
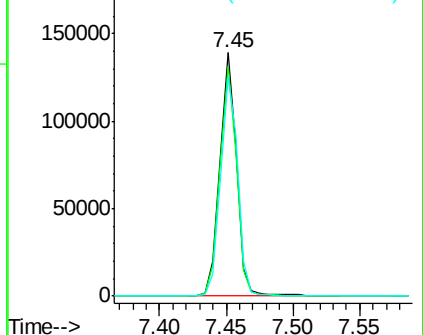


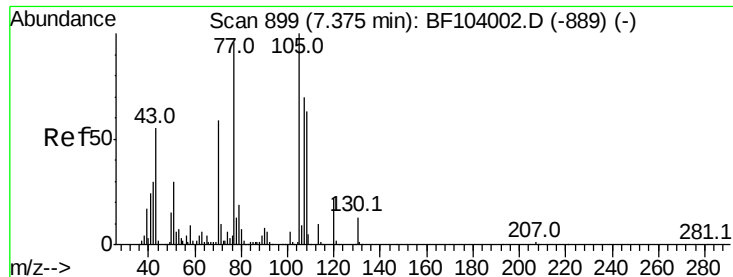
#18
Hexachloroethane
Concen: 34.776 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion:117 Resp: 124290
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 90.0 75.7 113.5



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

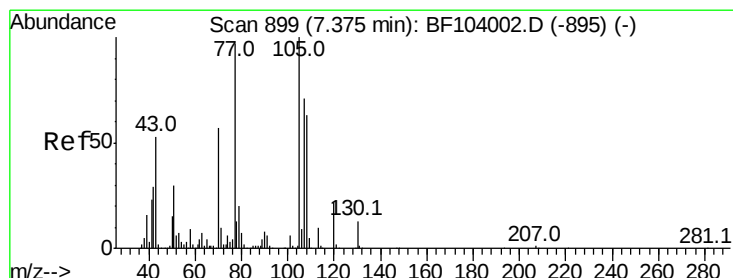
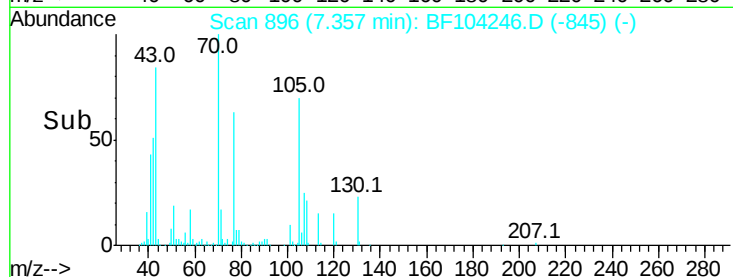
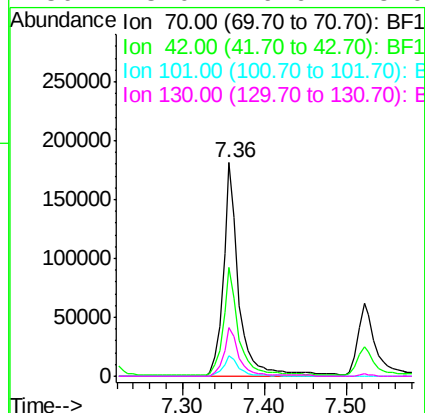
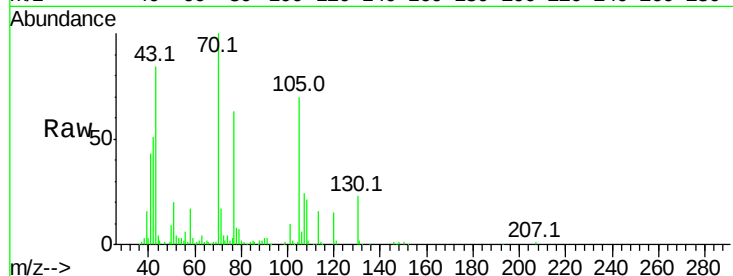




#19
n-Nitroso-di-n-propylamine
Concen: 40.579 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

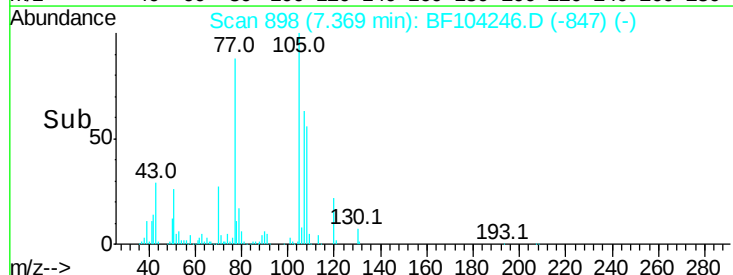
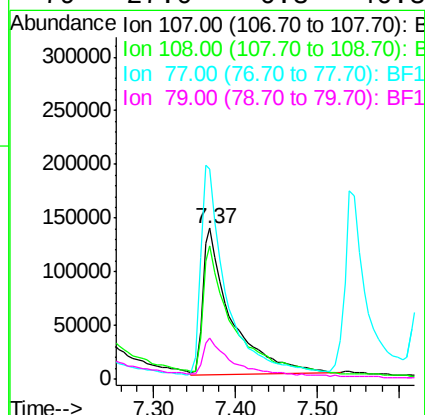
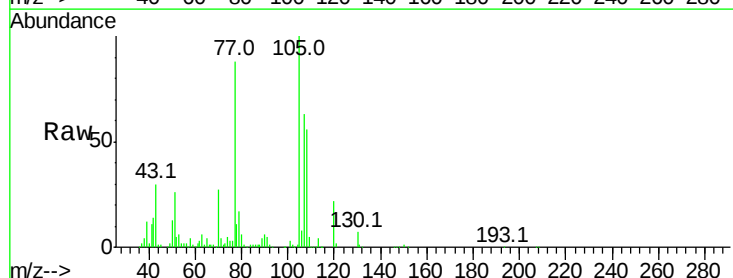
Instrument :
BNA_F
ClientSampleId :

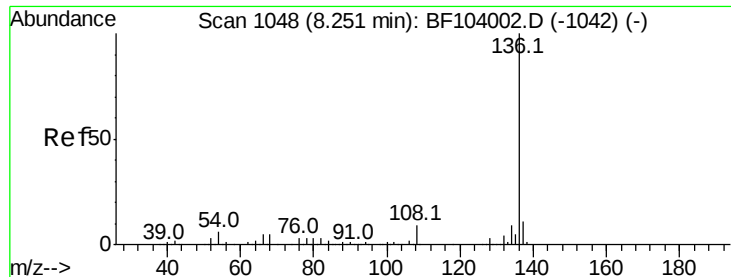
Tot Ion: 70 Resp: 239375
Ion Ratio Lower Upper
70 100
42 50.8 47.5 71.3
101 9.9 7.4 11.2
130 23.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 35.669 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion:107 Resp: 328371
Ion Ratio Lower Upper
107 100
108 88.5 68.2 108.2
77 139.3 26.7 66.7#
79 27.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 534381

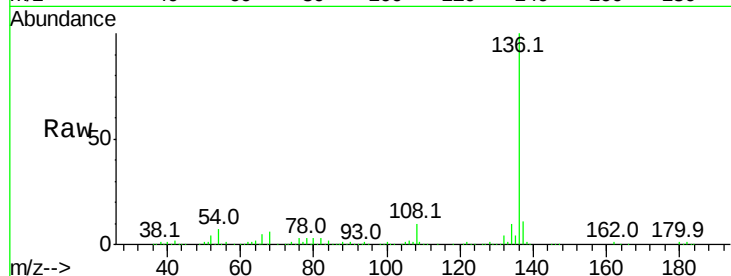
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.6 6.6 9.8

68 6.0 5.0 7.4

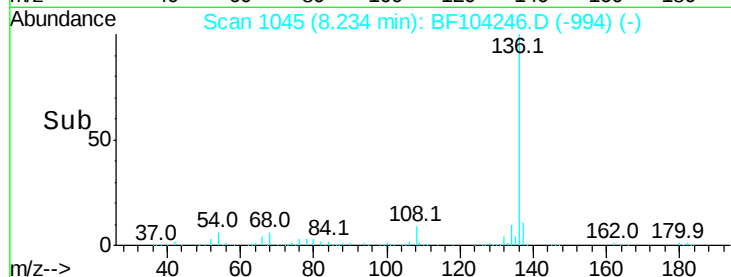


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

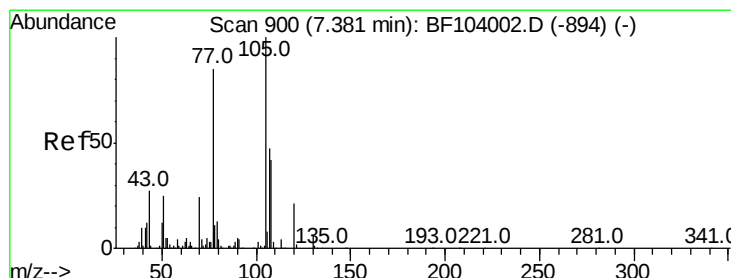
Ion 68.00 (67.70 to 68.70): BF1



Abundance

8.23

Time-->



#22

Acetophenone

Concen: 38.528 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Tgt Ion:105 Resp: 498143

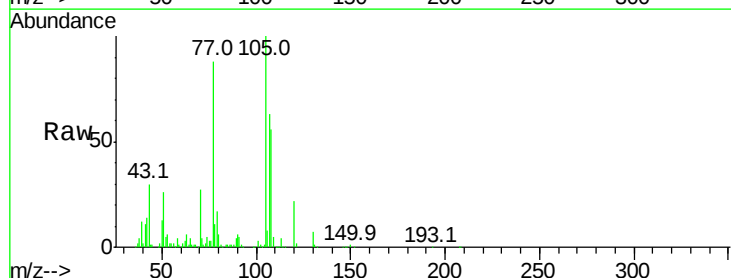
Ion Ratio Lower Upper

105 100

71 4.5 4.4 6.6

51 26.5 22.3 33.5

120 21.9 16.9 25.3

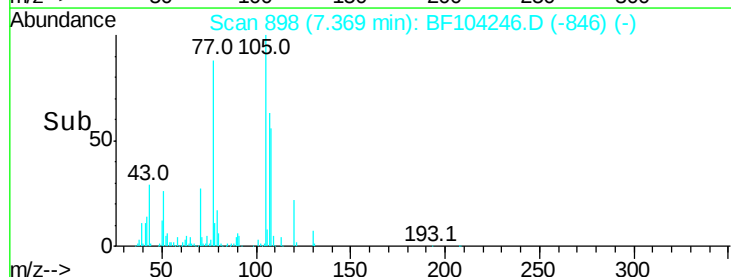


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

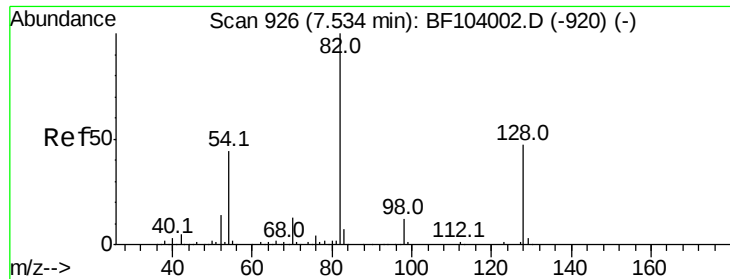
Ion 120.00 (119.70 to 120.70): E



Abundance

7.37

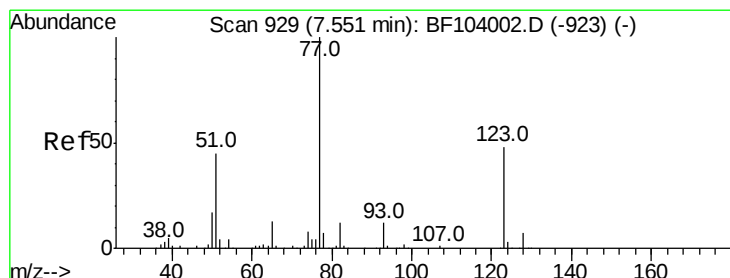
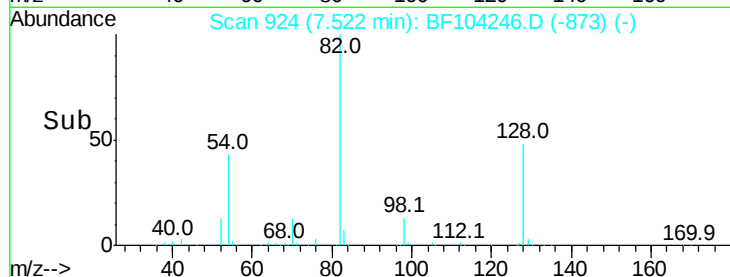
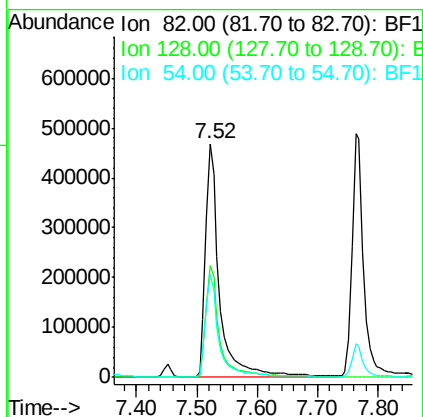
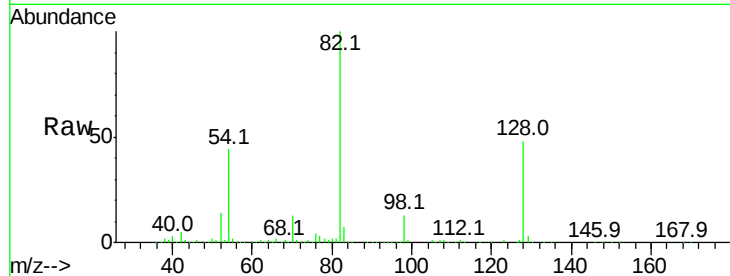
Time-->



#23
 Nitrobenzene-d5
 Concen: 88.478 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

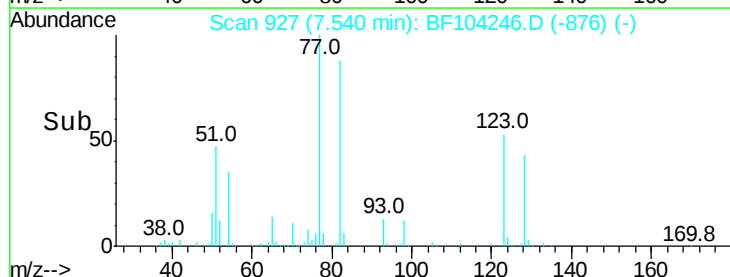
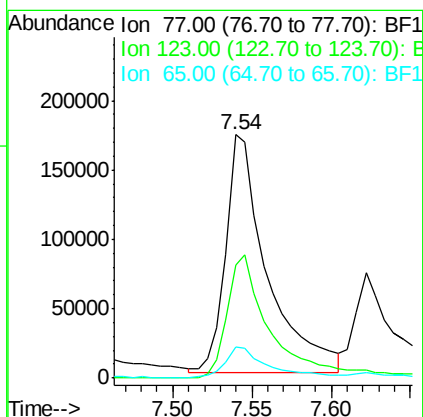
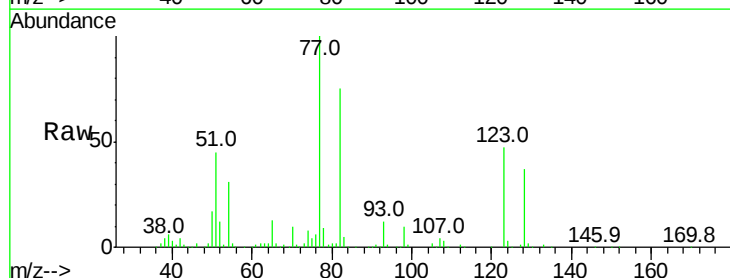
Instrument :
 BNA_F
 ClientSampleId :

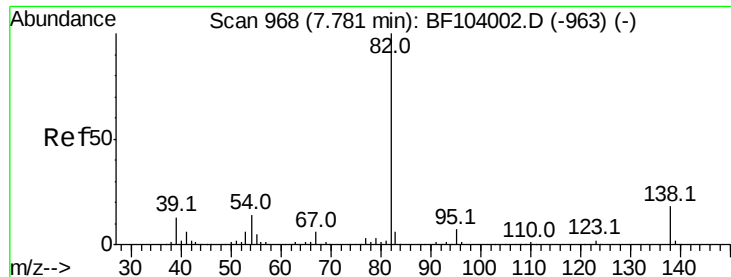
Tot Ion: 82 Resp: 773129
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.1 54.1
 54 44.1 41.4 62.2



#24
 Nitrobenzene
 Concen: 34.074 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion: 77 Resp: 313272
 Ion Ratio Lower Upper
 77 100
 123 46.6 37.9 56.9
 65 12.9 11.0 16.4





#25

Isophorone

Concen: 41.292 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampleId :

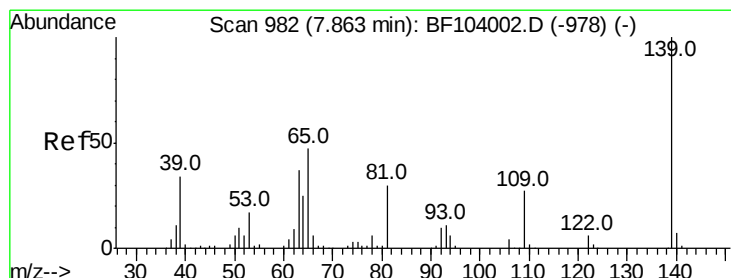
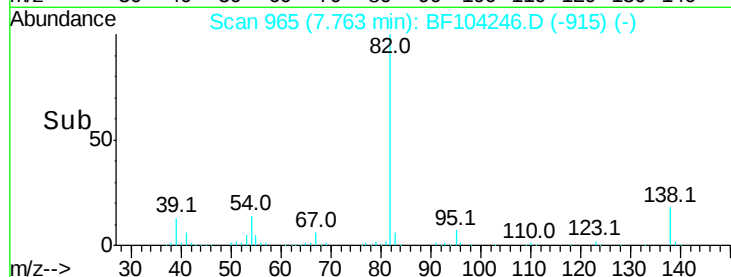
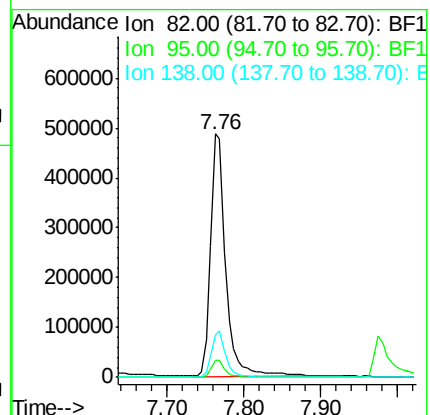
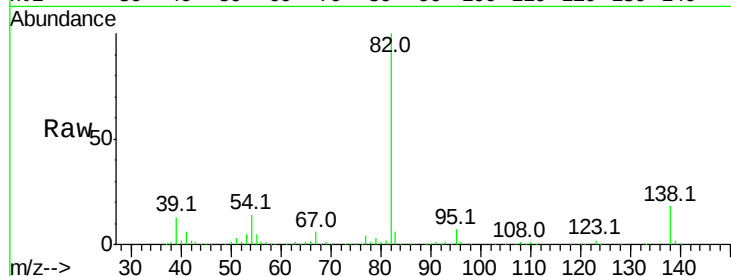
Tot Ion: 82 Resp: 664947

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 37.718 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

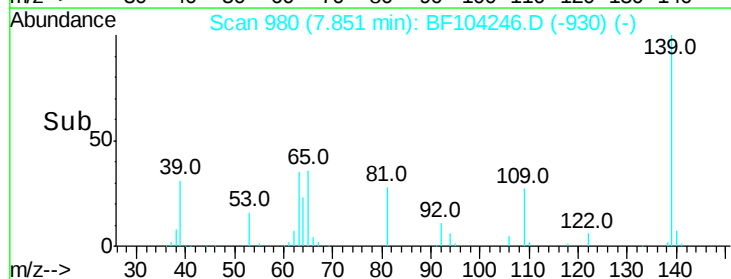
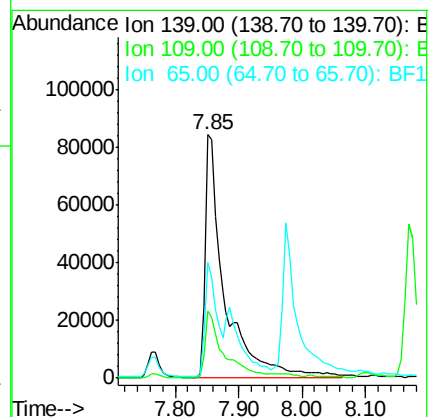
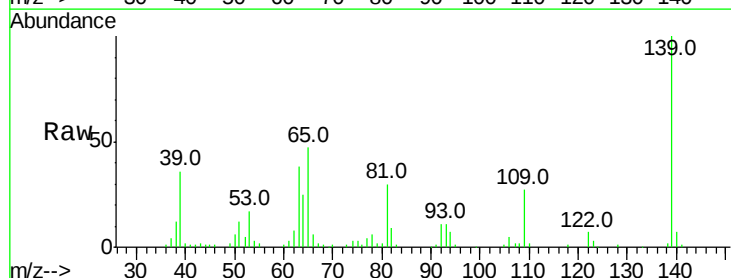
Tgt Ion: 139 Resp: 181014

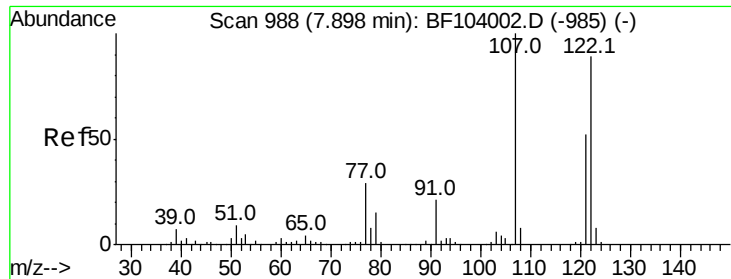
Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

65 47.4 40.5 60.7

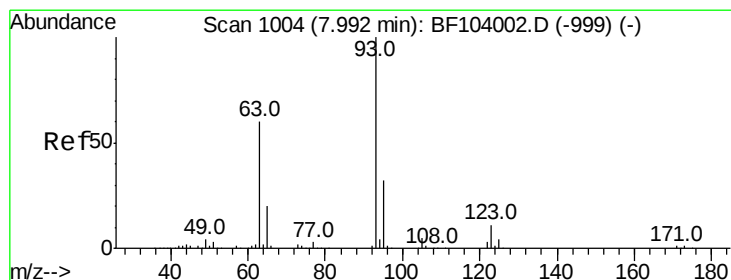
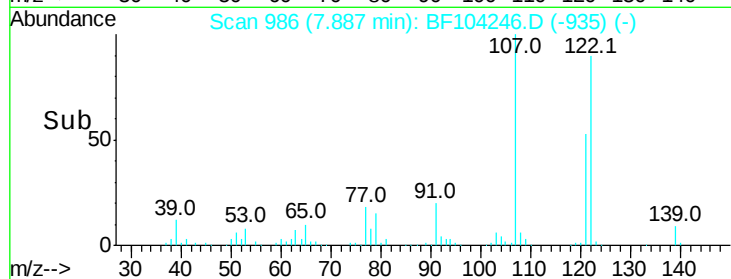
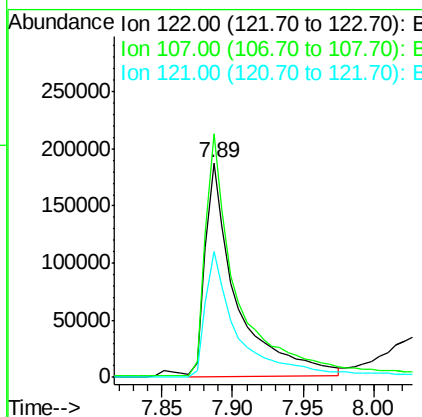
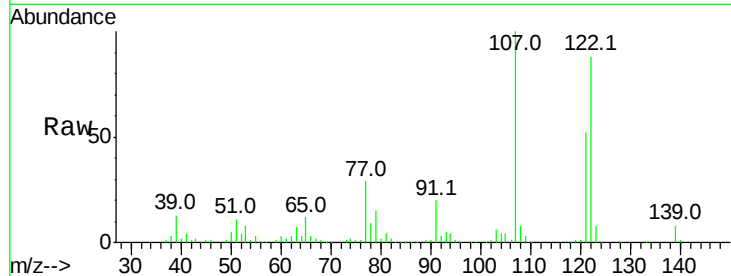




#27
 2,4-Dimethylphenol
 Concen: 41.533 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

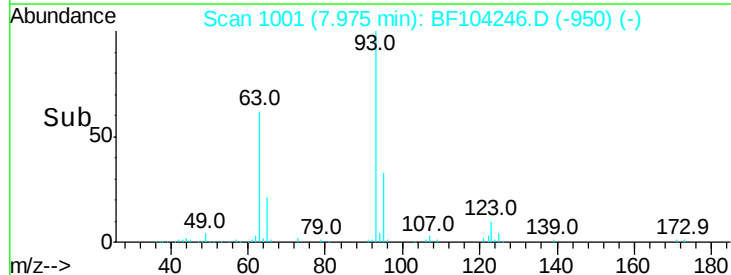
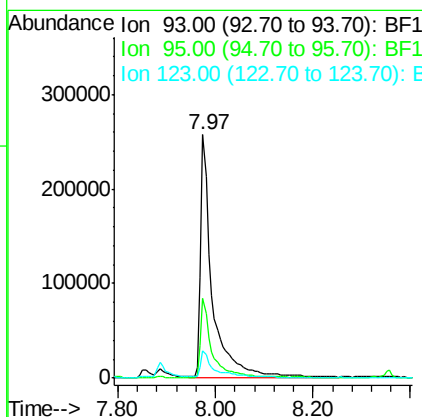
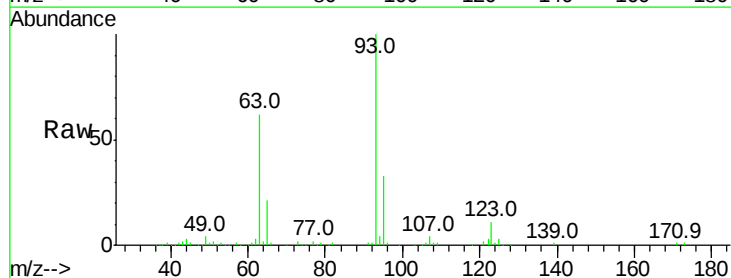
Instrument :
 BNA_F
 ClientSampleId :

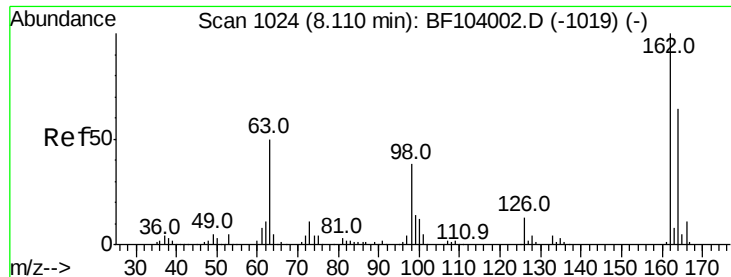
Tot Ion:122 Resp: 287463
 Ion Ratio Lower Upper
 122 100
 107 113.4 91.2 136.8
 121 58.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.595 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion: 93 Resp: 429907
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.1 9.8 14.6

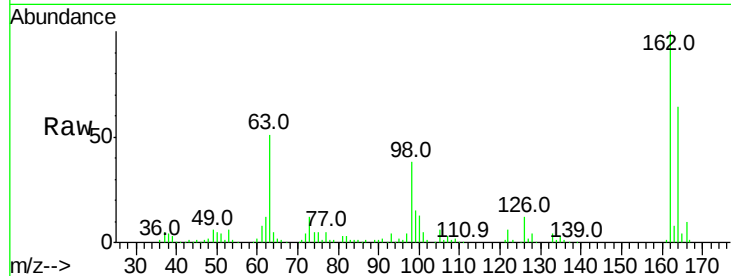




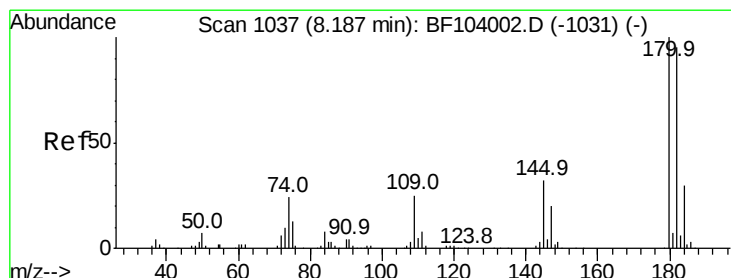
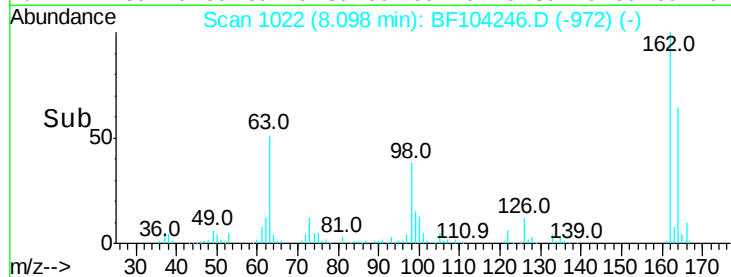
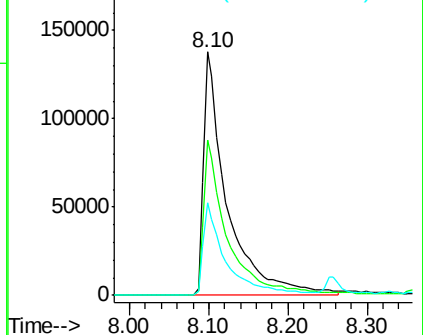
#29
 2,4-Dichlorophenol
 Concen: 39.578 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 286124
 Ion Ratio Lower Upper
 162 100
 164 63.8 42.7 82.7
 98 38.2 18.1 58.1

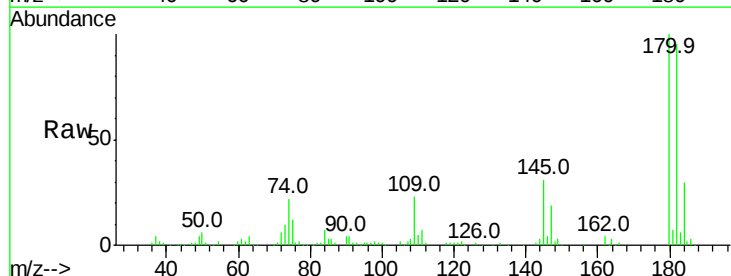


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

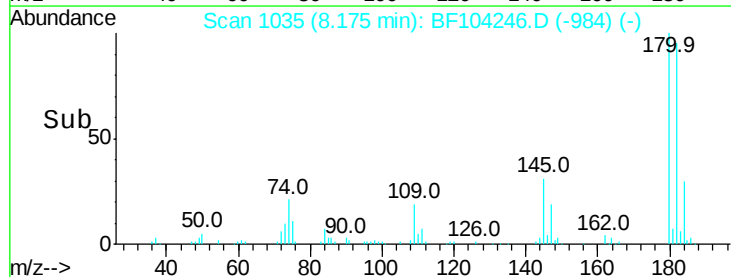
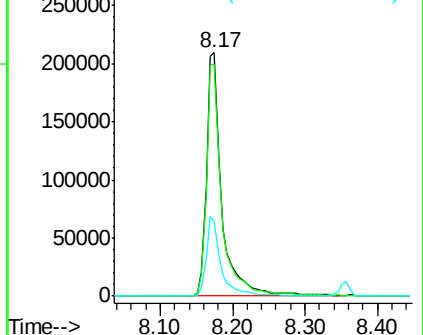


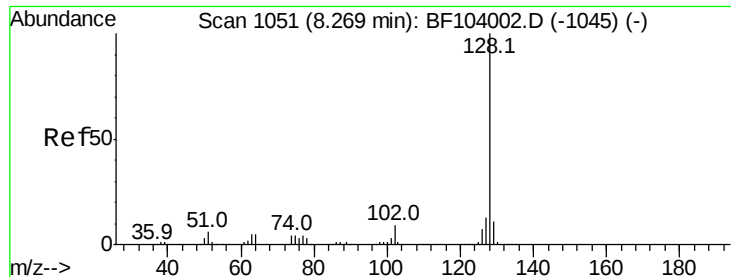
#30
 1,2,4-Trichlorobenzene
 Concen: 37.795 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion:180 Resp: 310018
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.8 115.2
 145 30.8 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

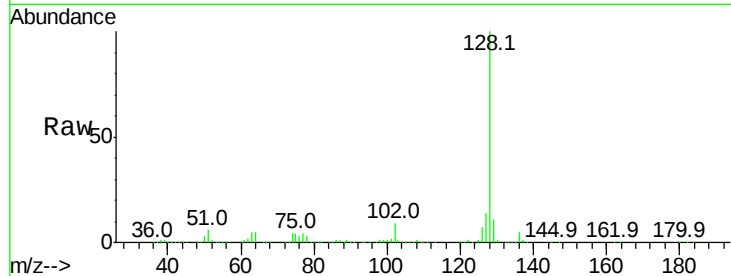




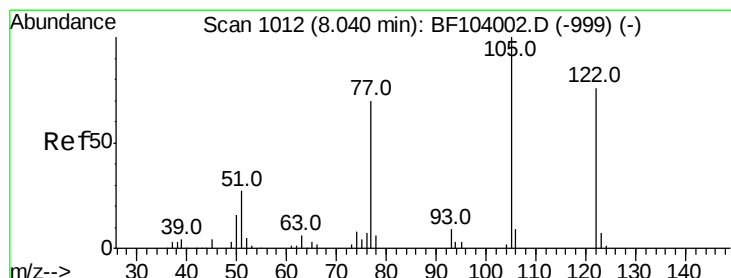
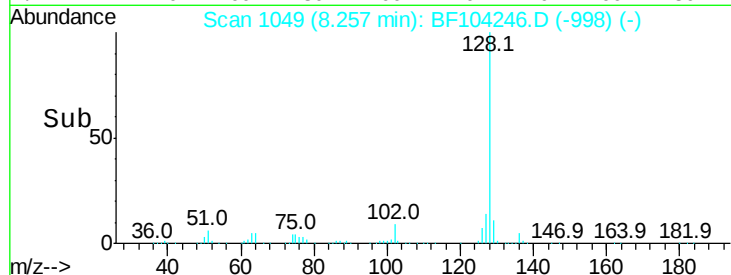
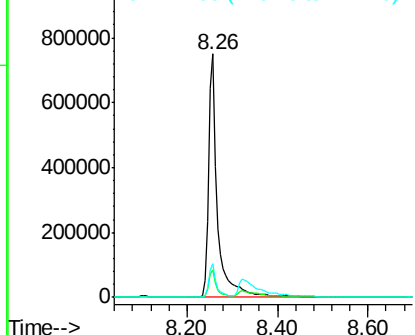
#31
Naphthalene
Concen: 40.844 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1066296
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3

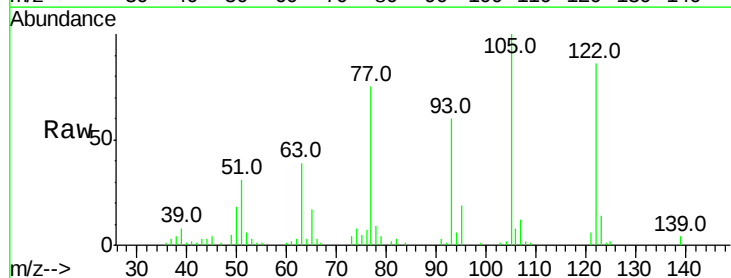


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

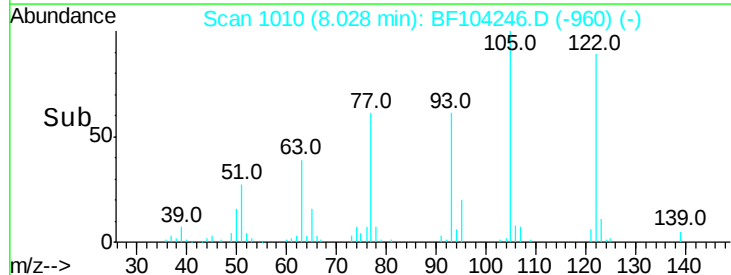
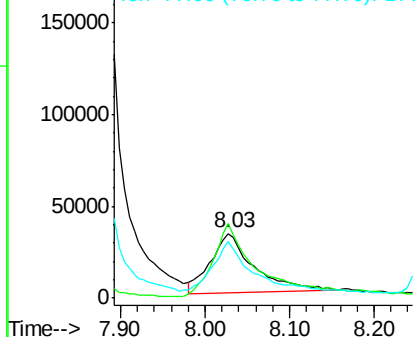


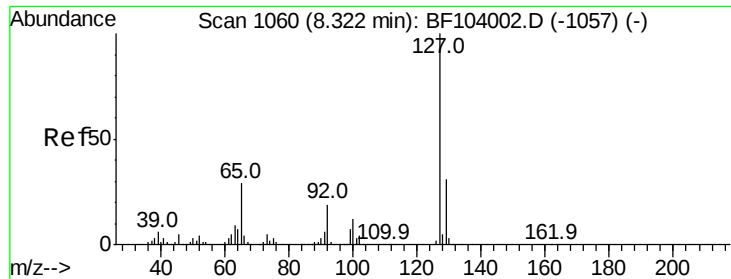
#32
Benzoic acid
Concen: 22.820 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion:122 Resp: 115708
Ion Ratio Lower Upper
122 100
105 115.8 101.1 141.1
77 87.3 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

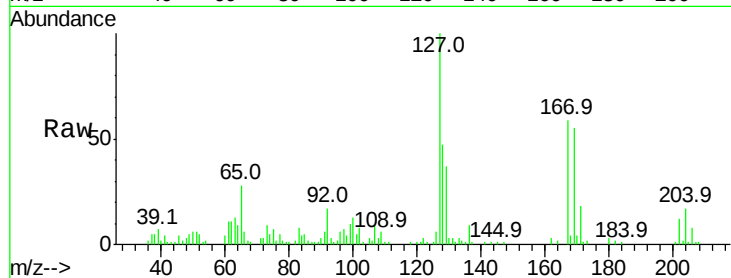




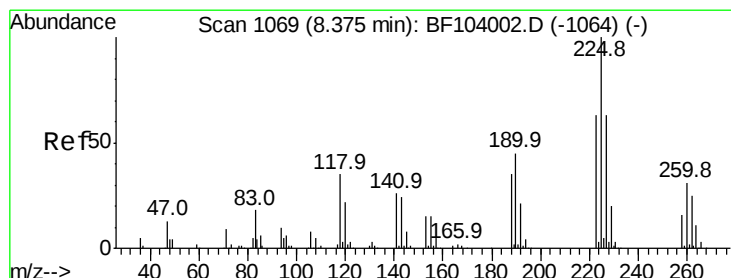
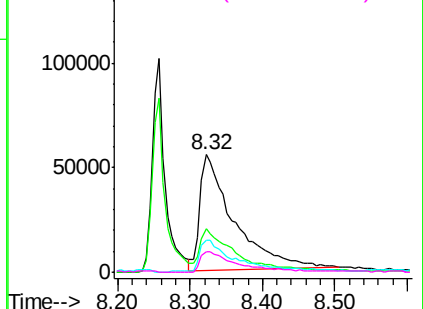
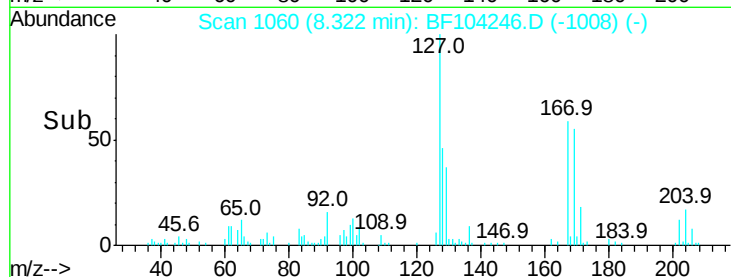
#33
4-Chloroaniline
Concen: 16.406 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	180562
Ion	Ratio	Lower	Upper
127	100		
129	36.7	25.9	38.9
65	27.7	25.0	37.4
92	17.4	15.2	22.8

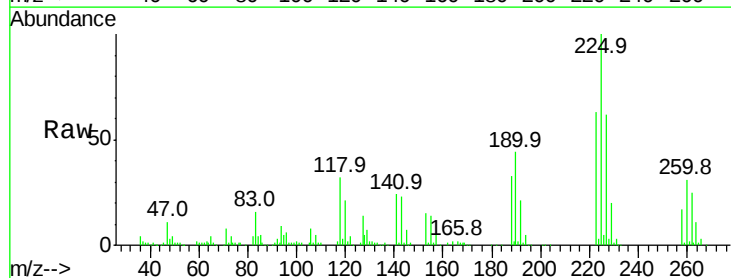


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

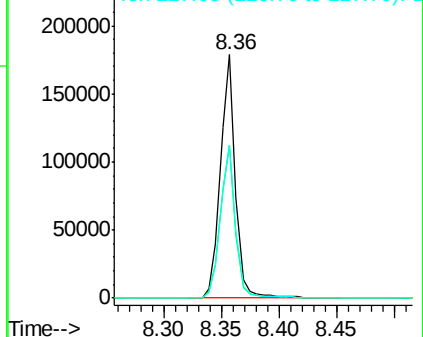
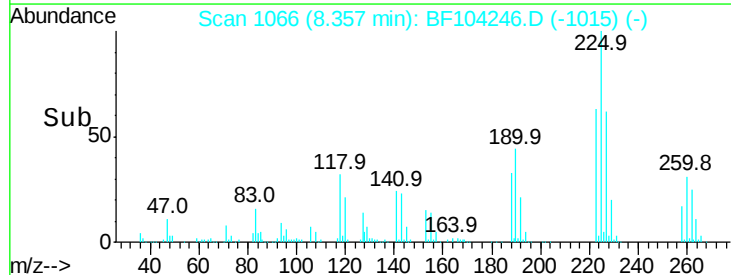


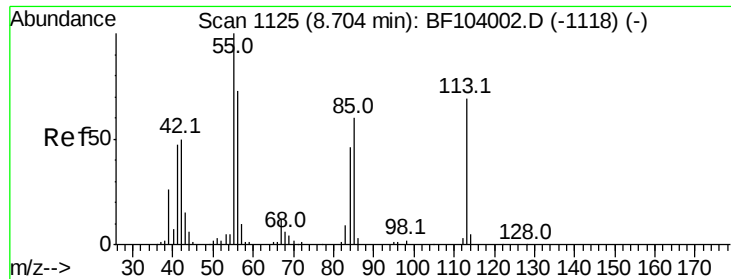
#34
Hexachlorobutadiene
Concen: 36.235 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion:	225	Resp:	161737
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	62.5	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

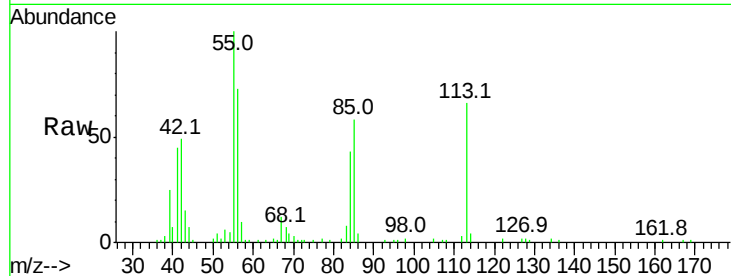




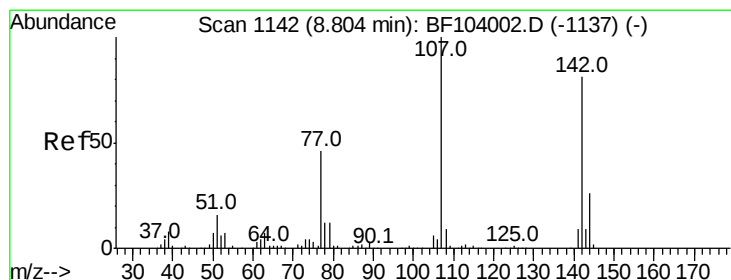
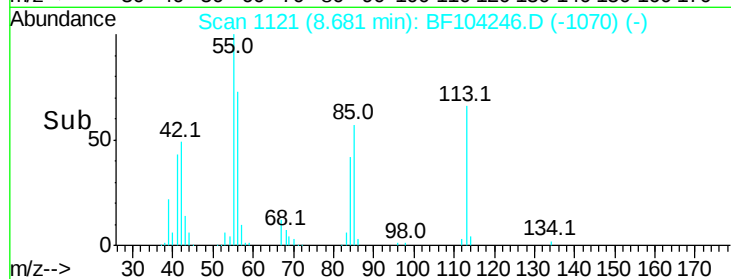
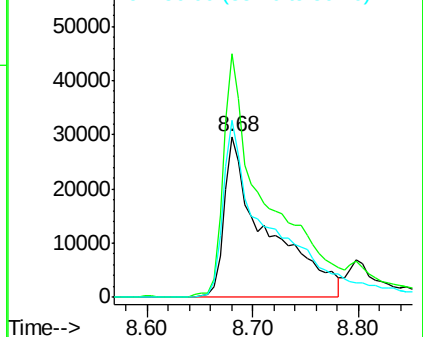
#35
 Caprolactam
 Concen: 36.184 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 82944
 Ion Ratio Lower Upper
 113 100
 55 151.6 163.3 203.3#
 56 109.9 115.7 155.7#

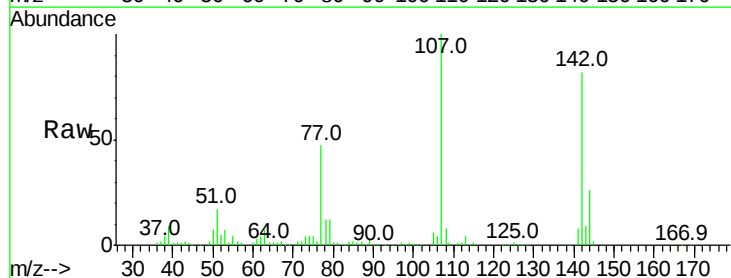


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

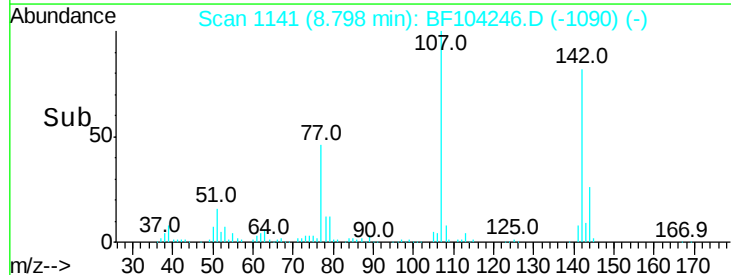
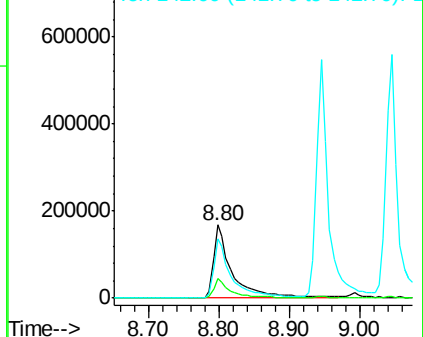


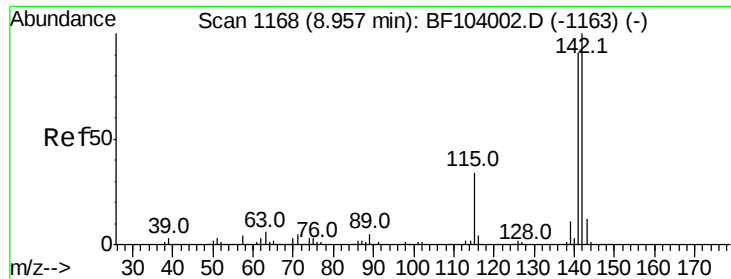
#36
 4-Chloro-3-methylphenol
 Concen: 39.868 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion:107 Resp: 304858
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 81.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

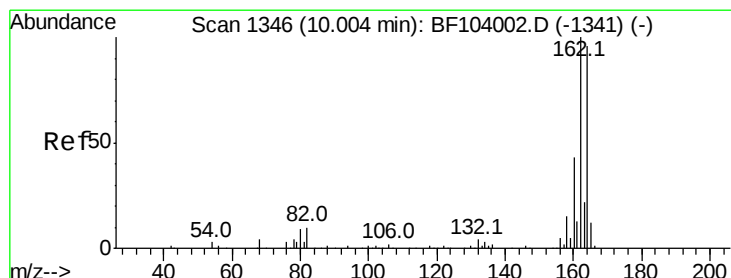
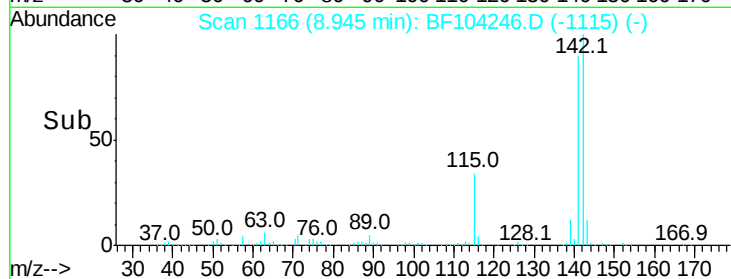
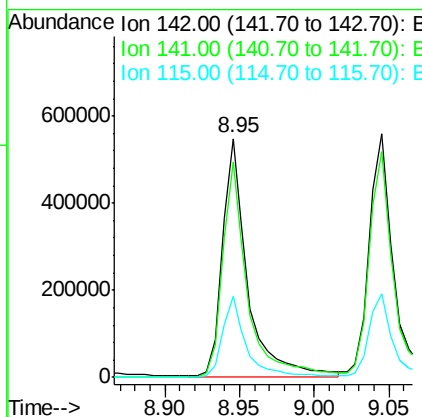
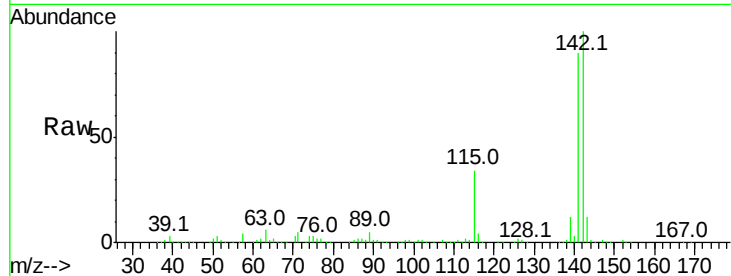




#37
 2-Methylnaphthalene
 Concen: 37.836 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

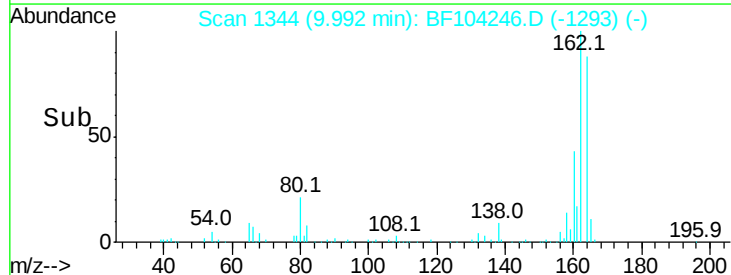
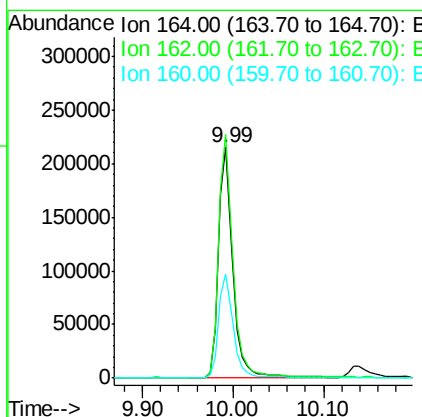
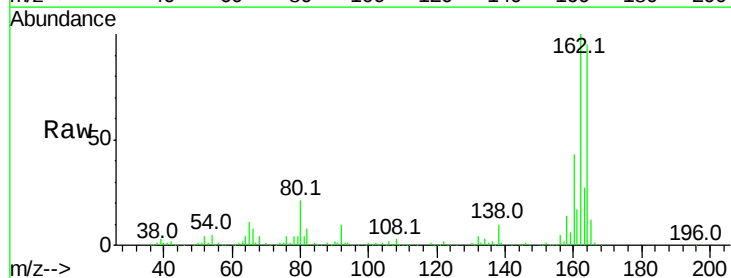
Instrument :
 BNA_F
 ClientSampleId :

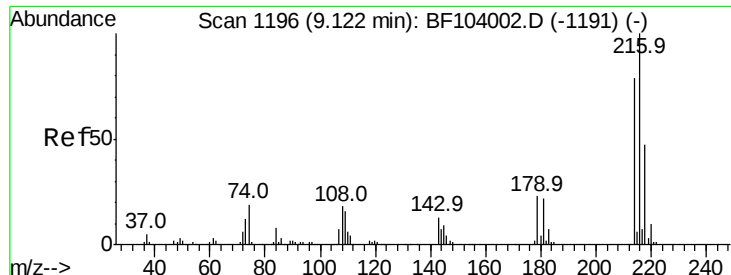
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	33.7	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	45.3	38.3	57.5

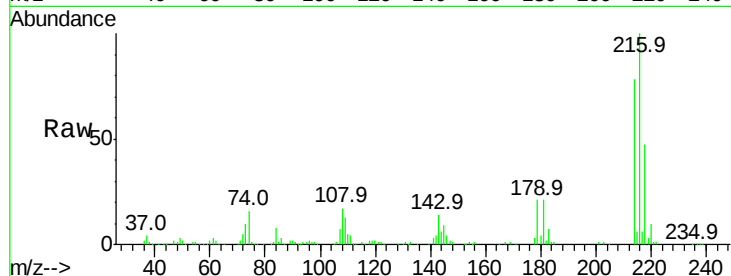




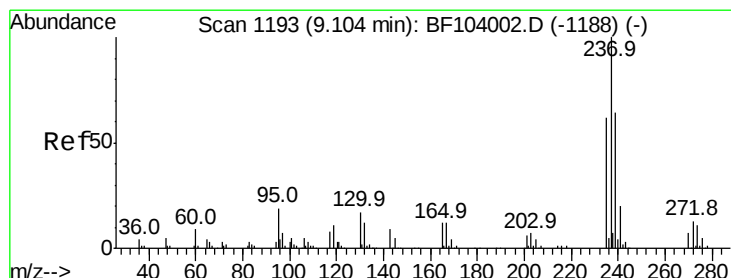
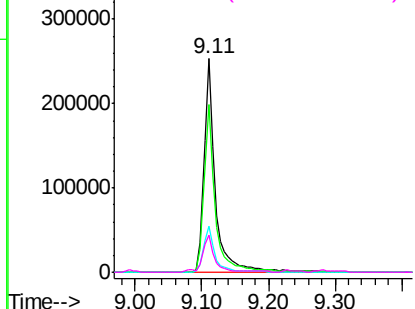
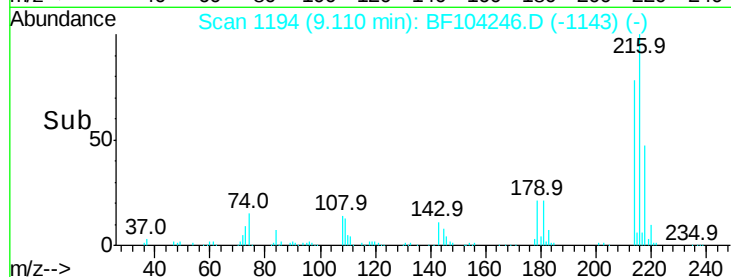
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.857 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	295653
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	21.9	18.1	27.1
108	17.1	17.2	25.8#

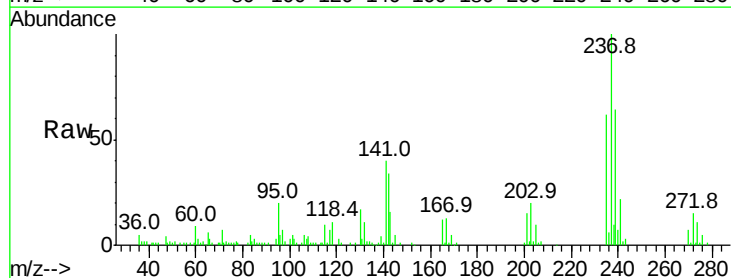


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

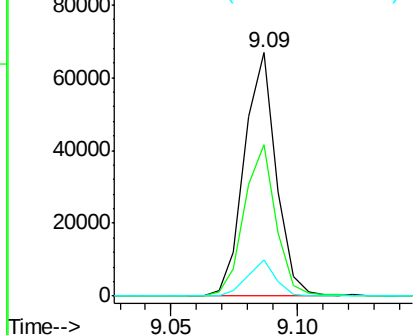
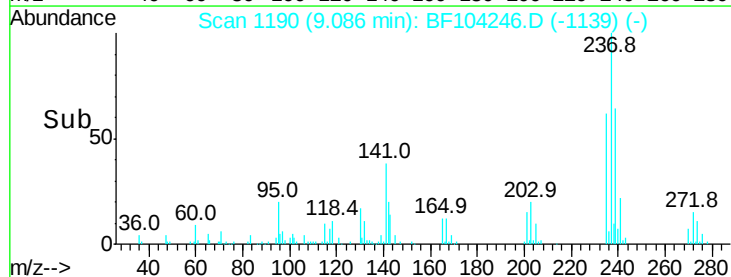


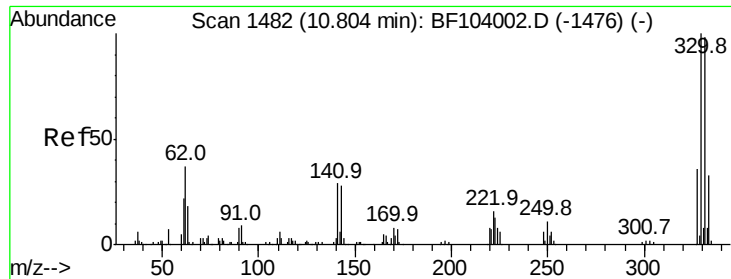
#40
 Hexachlorocyclopentadiene
 Concen: 21.370 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion:	237	Resp:	58373
Ion	Ratio	Lower	Upper
237	100		
235	62.4	44.8	84.8
272	14.8	0.0	33.3



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

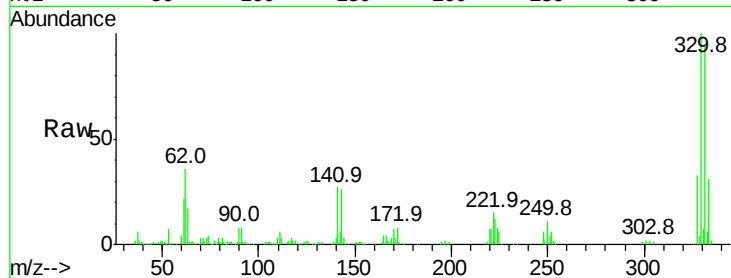




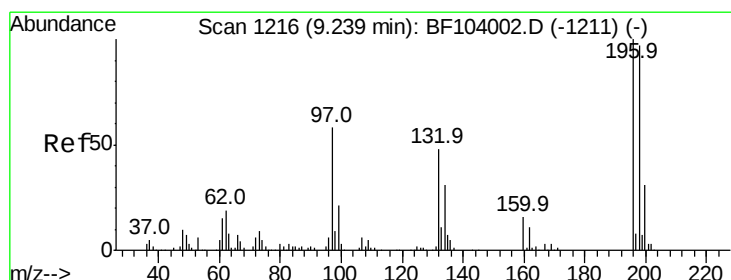
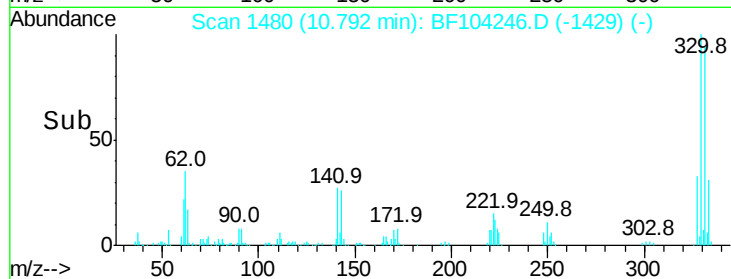
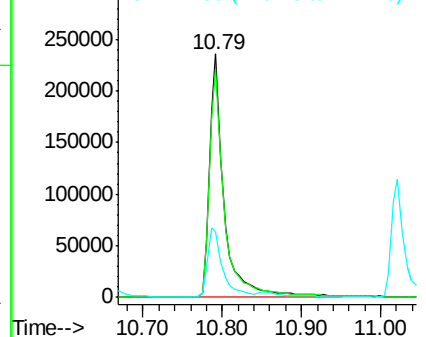
#41
 2,4,6-Tribromophenol
 Concen: 116.734 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	29.0	29.9	44.9

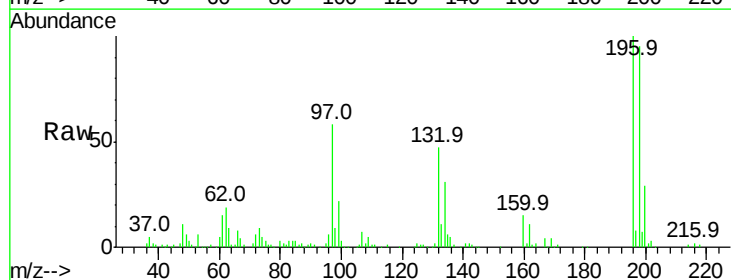


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

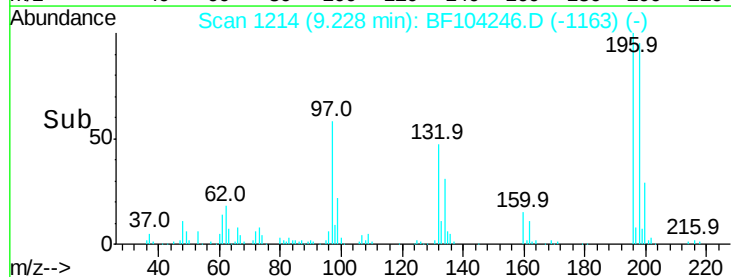
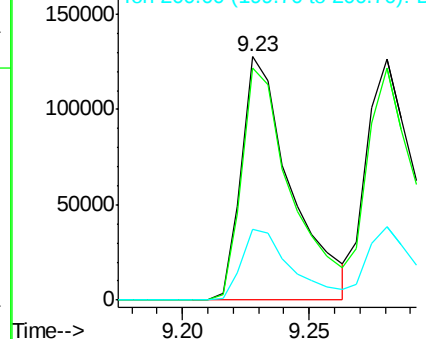


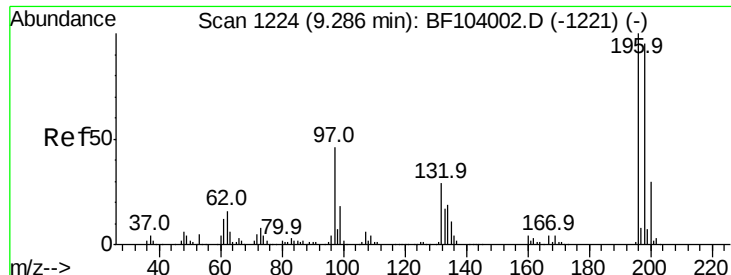
#42
 2,4,6-Trichlorophenol
 Concen: 38.012 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	29.2	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

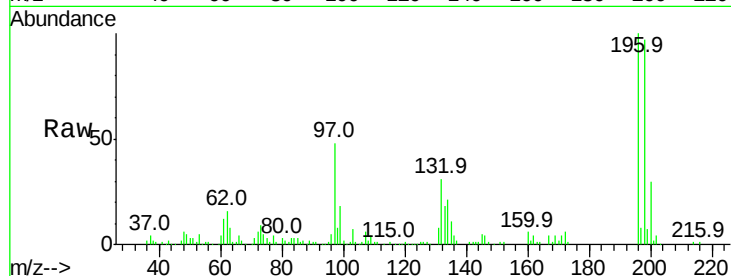




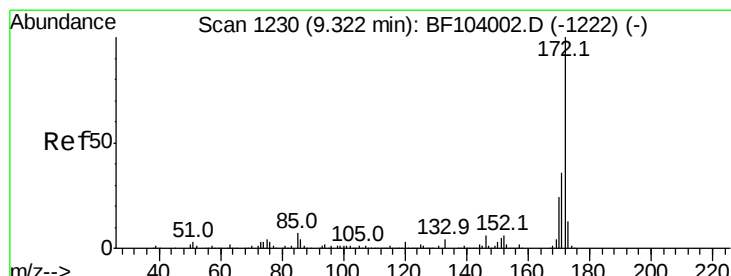
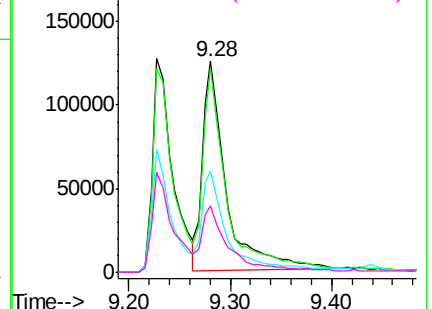
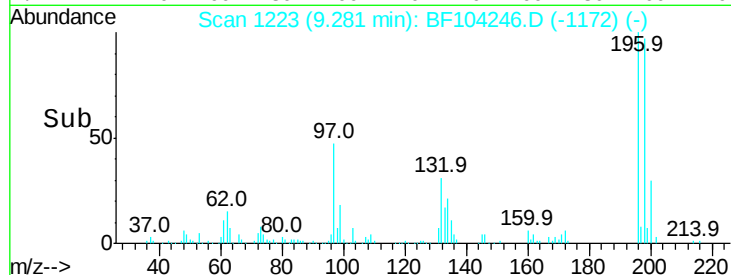
#43
 2,4,5-Trichlorophenol
 Concen: 36.908 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.6	112.0
97	47.9	42.9	64.3
132	31.3	26.3	39.5

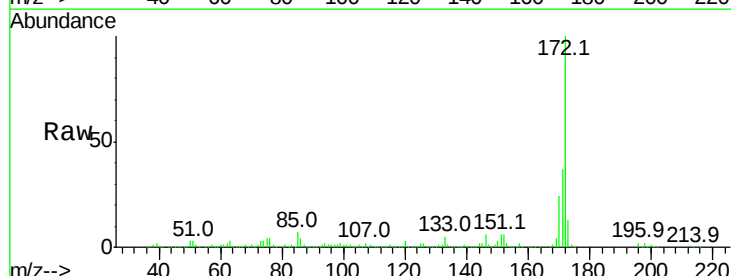


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

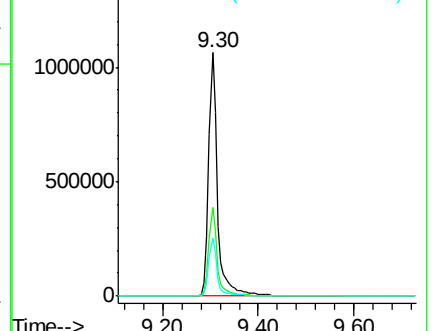
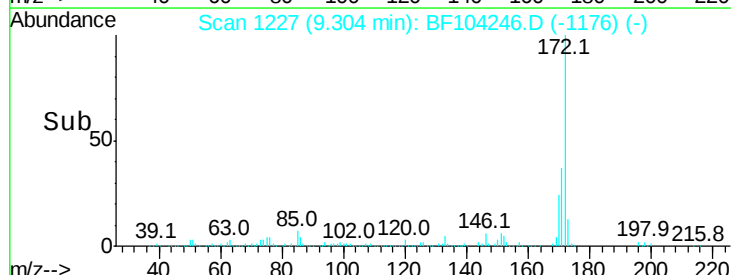


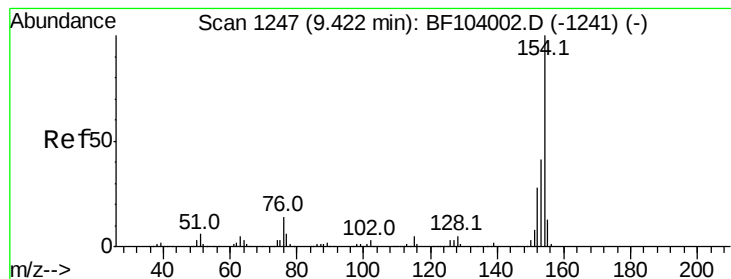
#44
 2-Fluorobiphenyl
 Concen: 90.750 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.8	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: 40.214 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampleId :

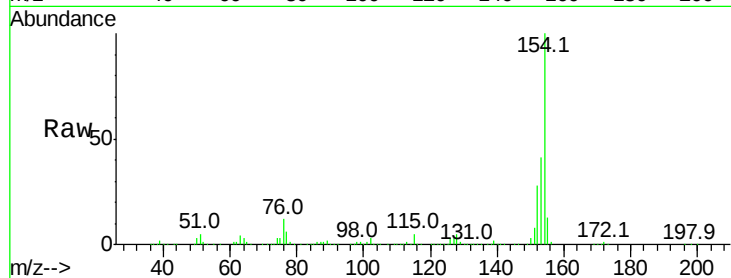
Tot Ion:154 Resp: 814470

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

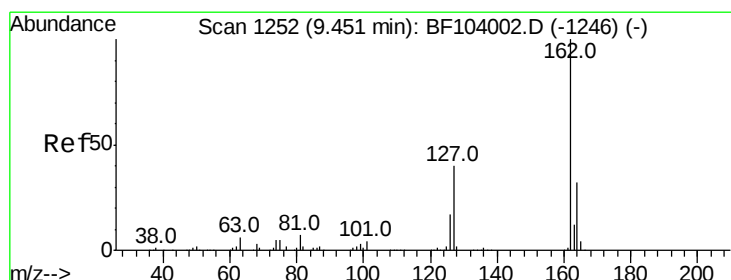
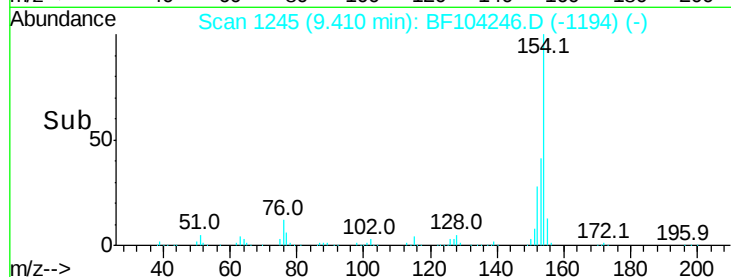
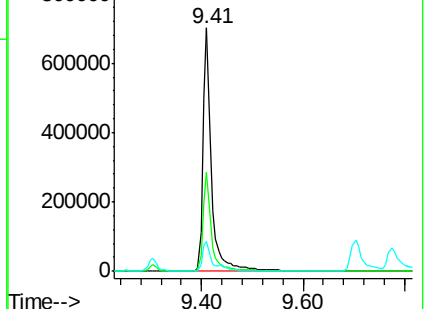
76 12.5 0.0 34.0



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: 39.211 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

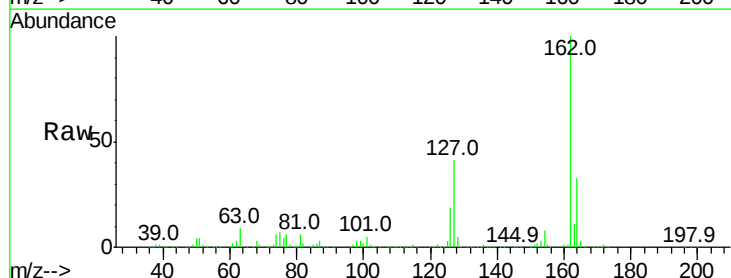
Tgt Ion:162 Resp: 626429

Ion Ratio Lower Upper

162 100

127 40.8 33.9 50.9

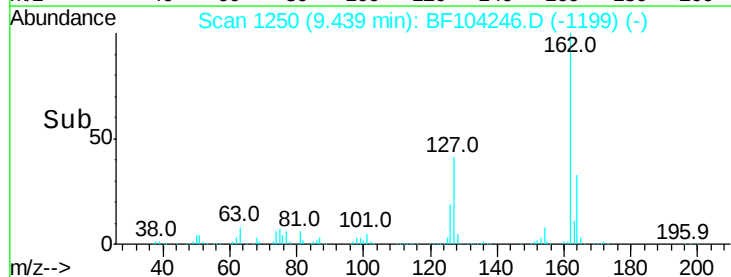
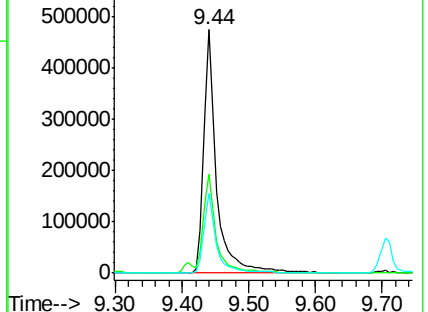
164 32.7 26.5 39.7

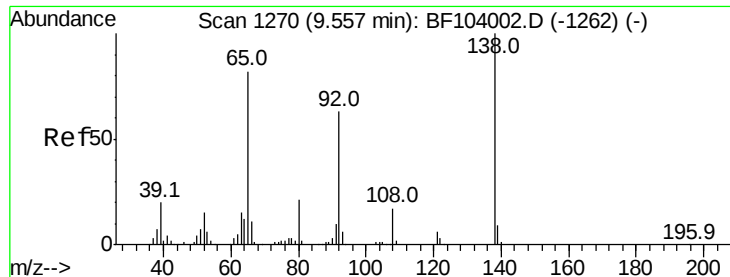


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

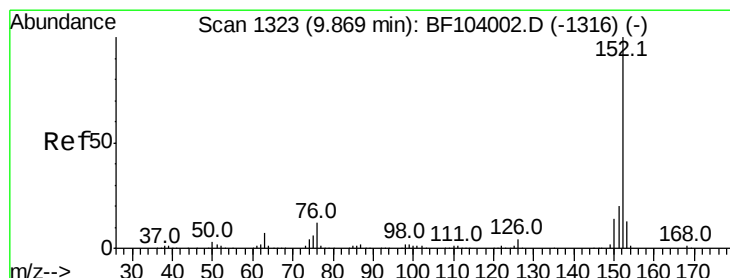
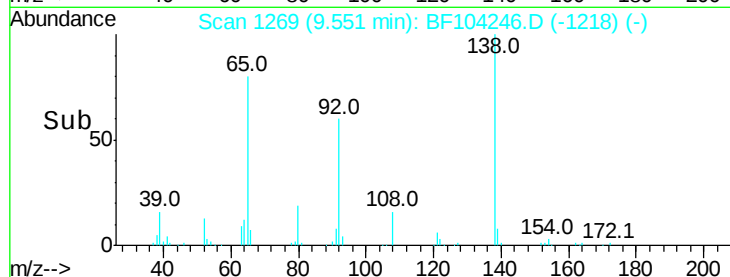
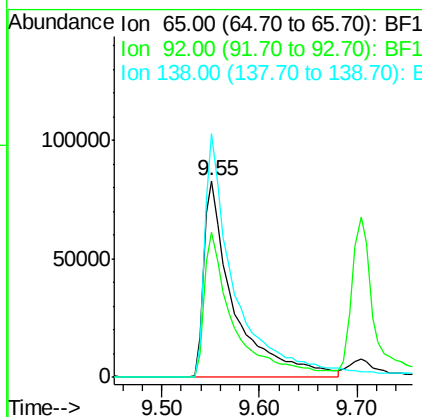
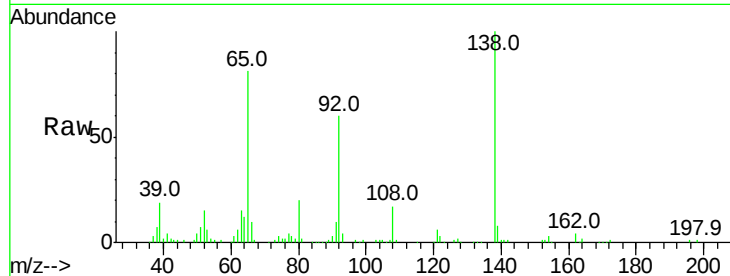




#47
2-Nitroaniline
Concen: 38.761 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

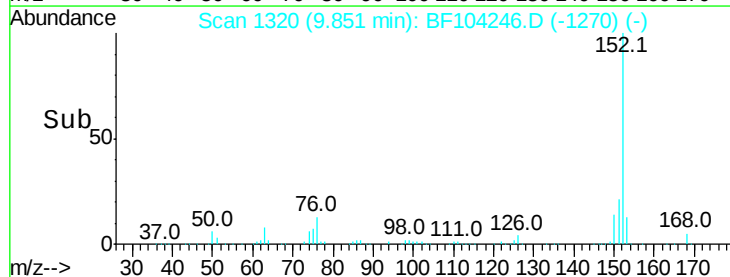
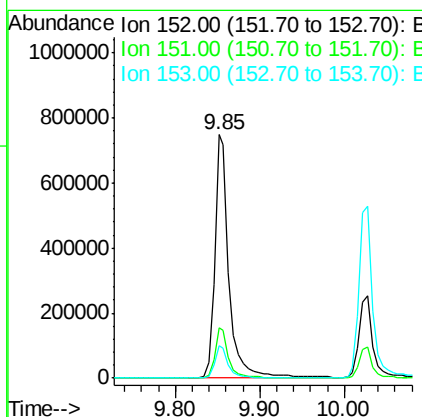
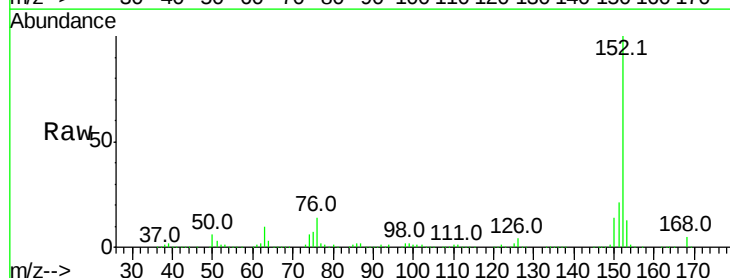
Instrument :
BNA_F
ClientSampleId :

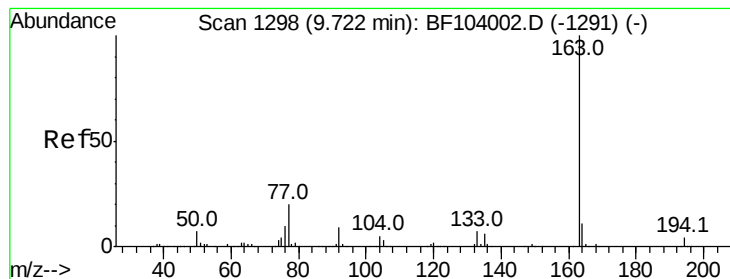
Tot Ion: 65 Resp: 176574
Ion Ratio Lower Upper
65 100
92 73.9 55.8 83.6
138 123.7 91.2 136.8



#48
Acenaphthylene
Concen: 37.104 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion: 152 Resp: 898029
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 47.124 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampled :

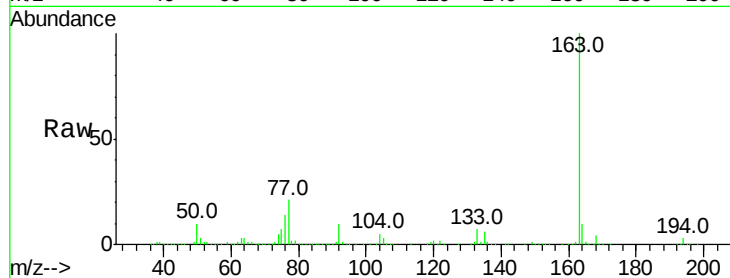
Tot Ion:163 Resp: 877969

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

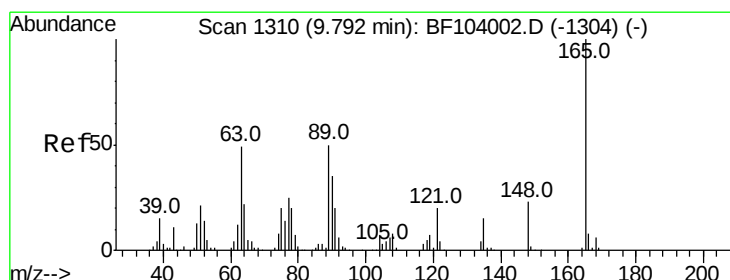
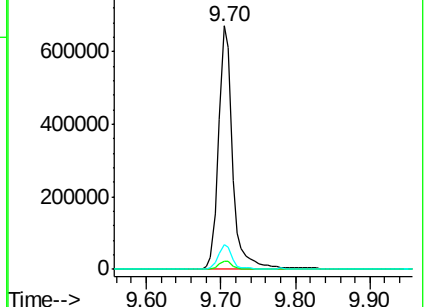
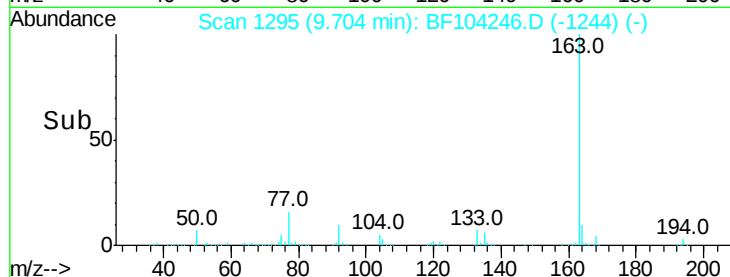
164 10.3 8.2 12.2



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: 39.219 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

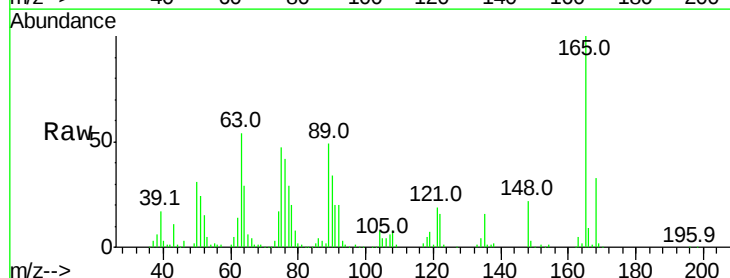
Tgt Ion:165 Resp: 157201

Ion Ratio Lower Upper

165 100

63 54.5 44.7 67.1

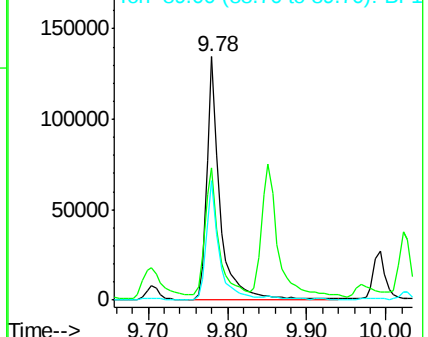
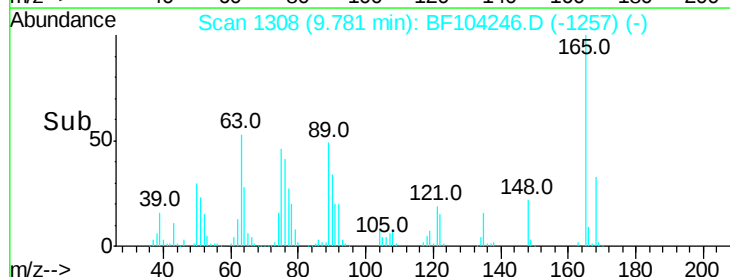
89 49.3 44.0 66.0

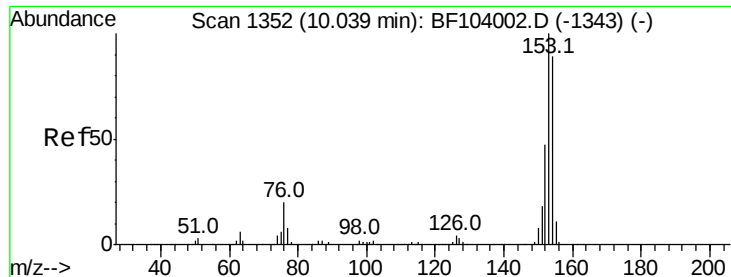


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.776 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampleId :

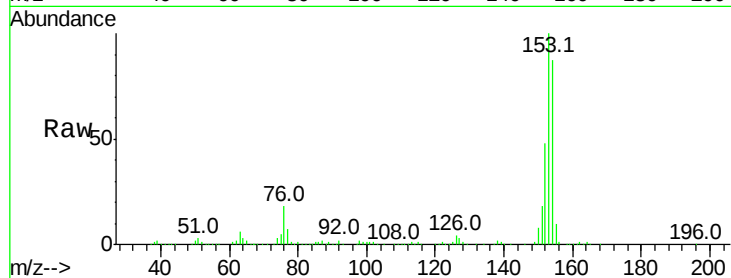
Tot Ion:154 Resp: 514904

Ion Ratio Lower Upper

154 100

153 115.4 91.2 136.8

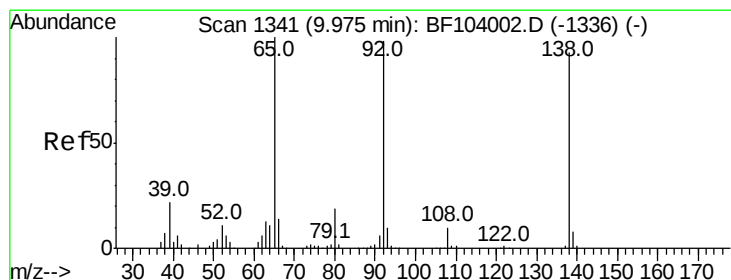
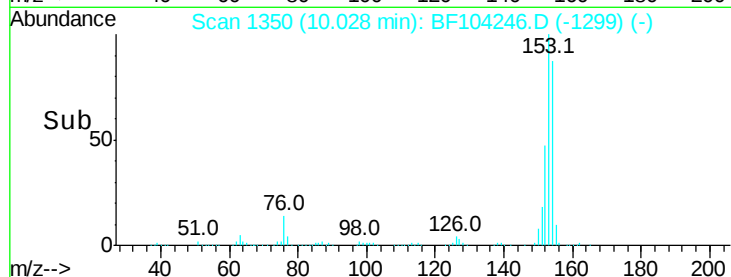
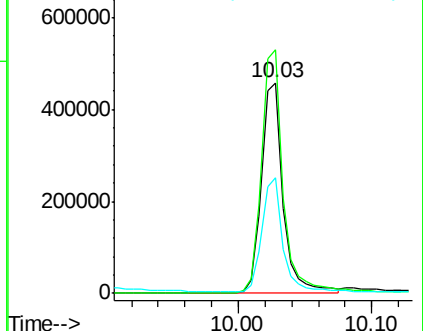
152 55.0 43.8 65.8



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: 26.563 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

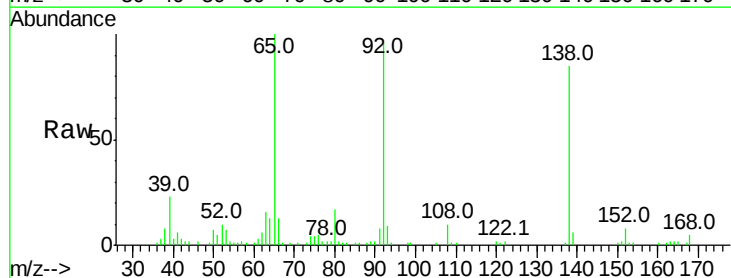
Tgt Ion:138 Resp: 122395

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

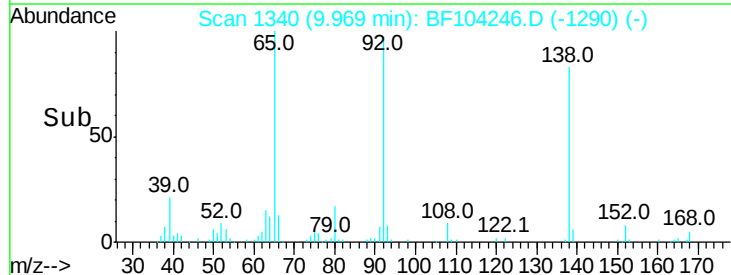
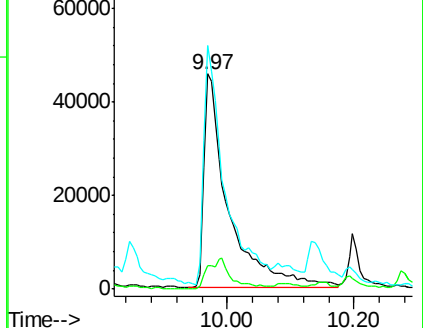
92 113.1 89.4 134.2

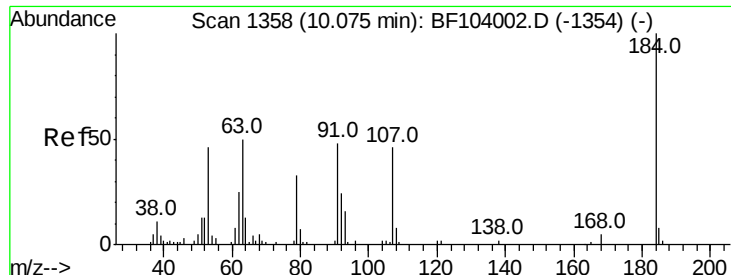


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

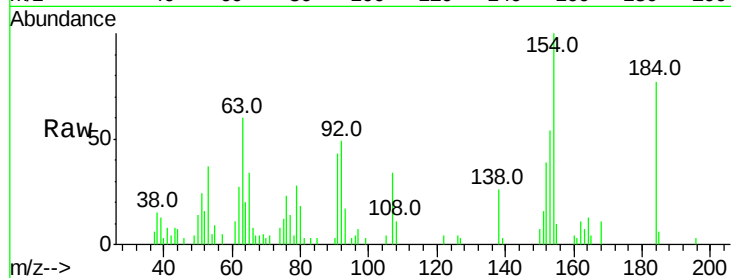




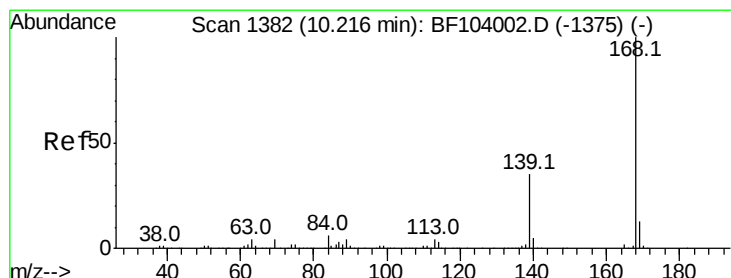
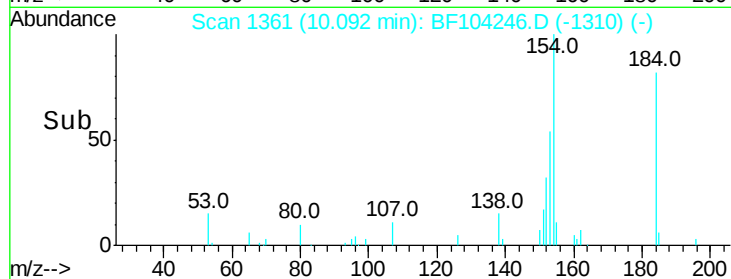
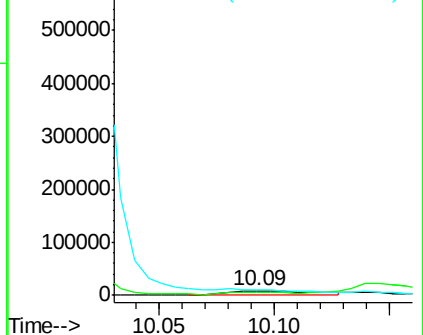
#53
 2,4-Dinitrophenol
 Concen: 17.492 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 22420
 Ion Ratio Lower Upper
 184 100
 63 77.7 54.2 81.2
 154 129.1 184.0 276.0#

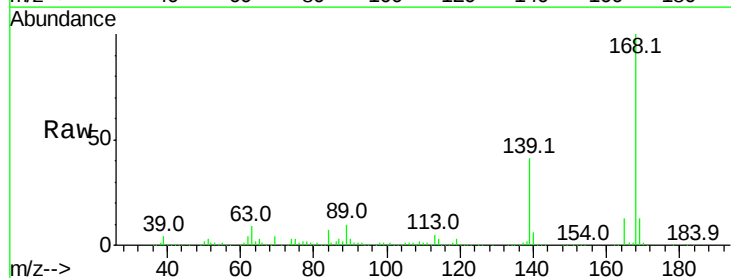


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

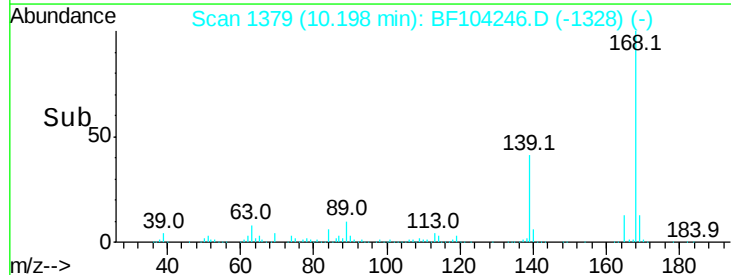
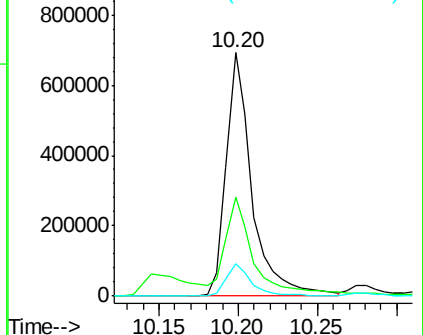


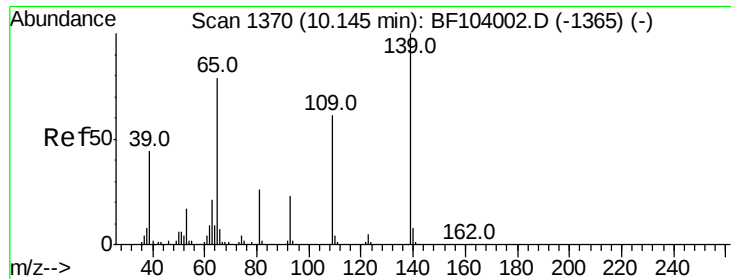
#54
 Dibenzofuran
 Concen: 38.085 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion:168 Resp: 778697
 Ion Ratio Lower Upper
 168 100
 139 40.5 30.1 45.1
 169 13.3 10.9 16.3



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

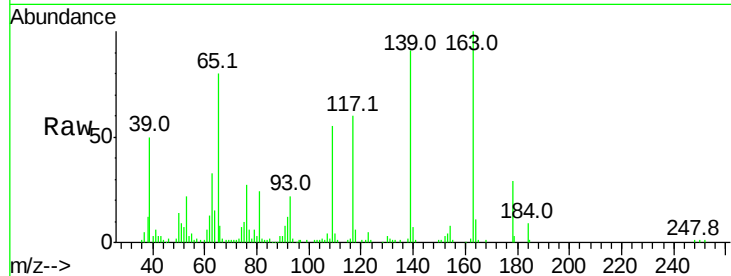




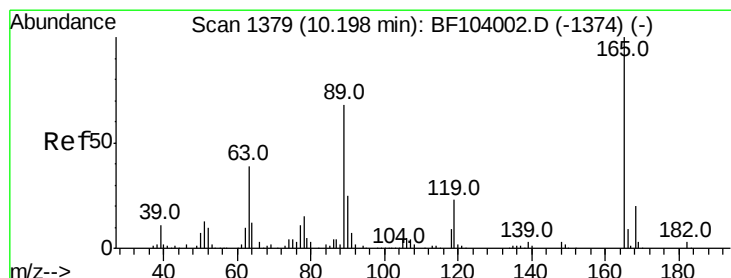
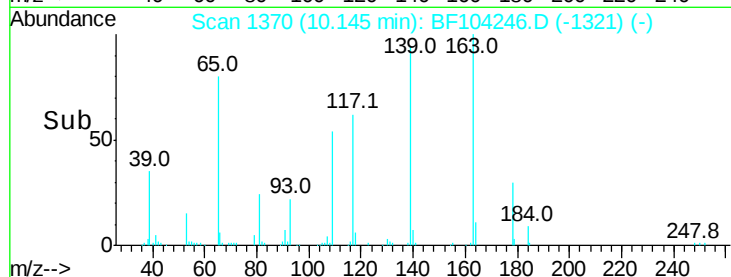
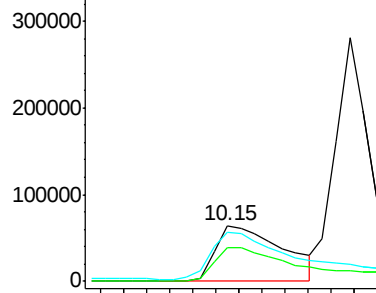
#55
4-Nitrophenol
Concen: 46.583 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 128699
Ion Ratio Lower Upper
139 100
109 60.5 48.4 88.4
65 88.2 72.6 112.6

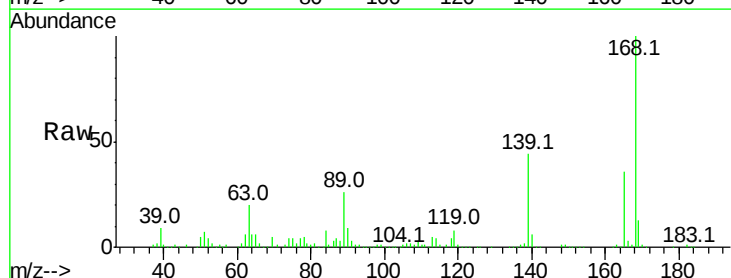


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

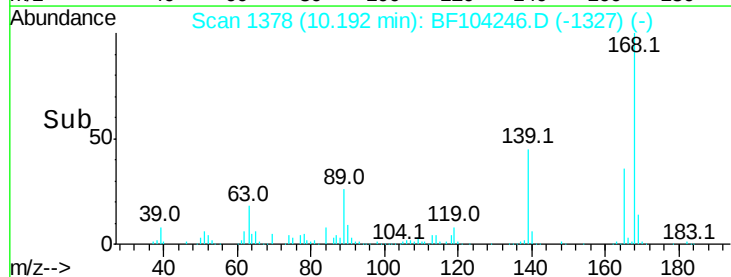
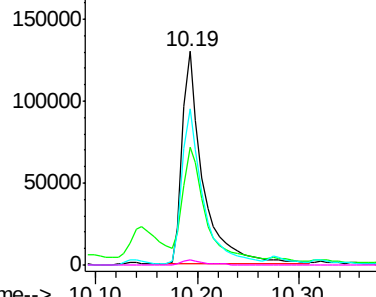


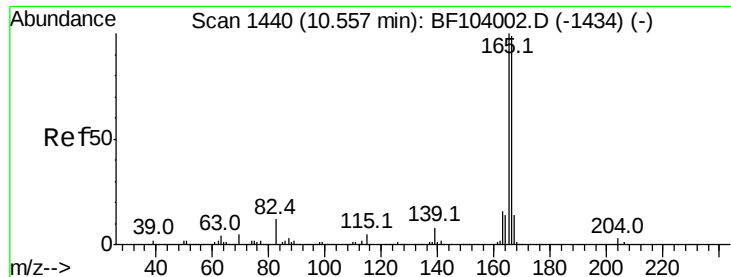
#56
2,4-Dinitrotoluene
Concen: 36.696 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion:165 Resp: 187690
Ion Ratio Lower Upper
165 100
63 54.9 36.4 54.6#
89 73.3 57.8 86.6
182 2.2 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

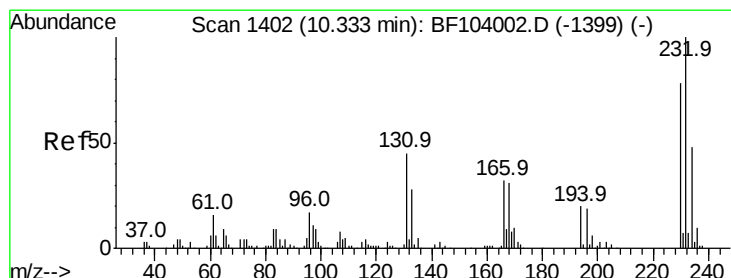
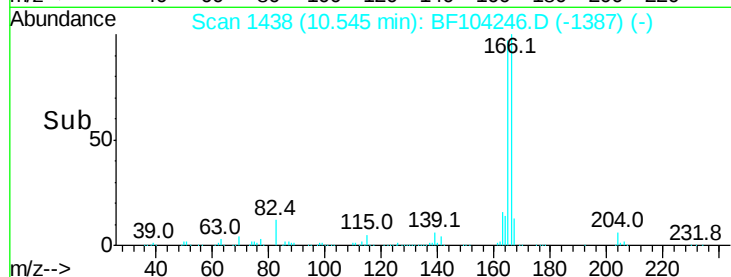
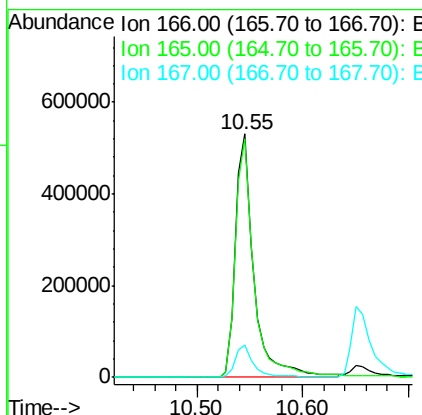
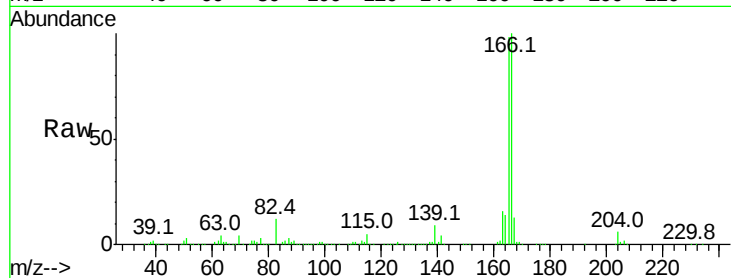




#57
 Fluorene
 Concen: 37.290 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

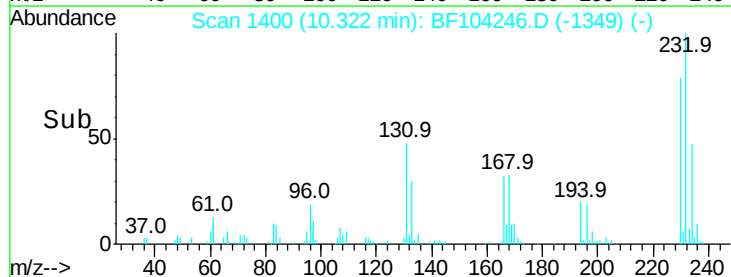
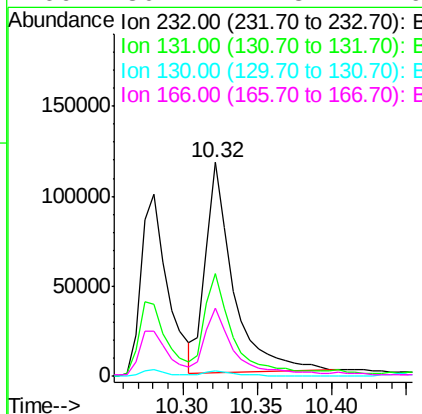
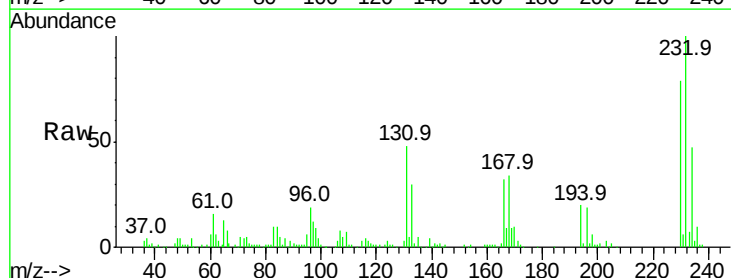
Instrument :
 BNA_F
 ClientSampleId :

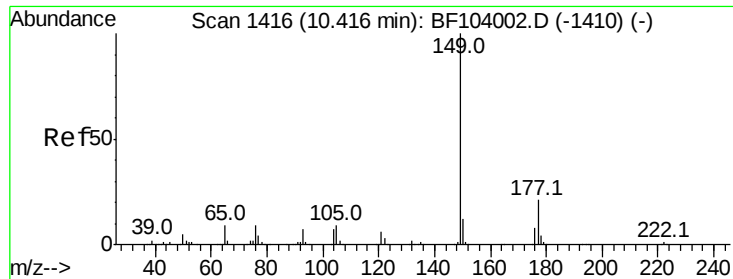
Tot Ion:166 Resp: 628918
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.543 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion:232 Resp: 151474
 Ion Ratio Lower Upper
 232 100
 131 44.9 43.8 65.8
 130 2.5 2.1 3.1
 166 30.2 27.8 41.6

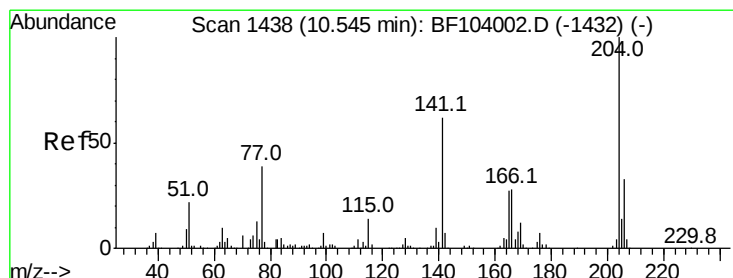
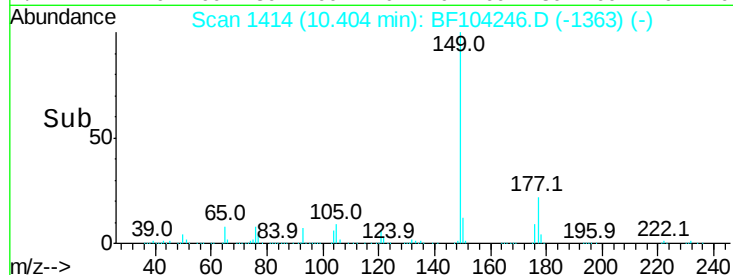
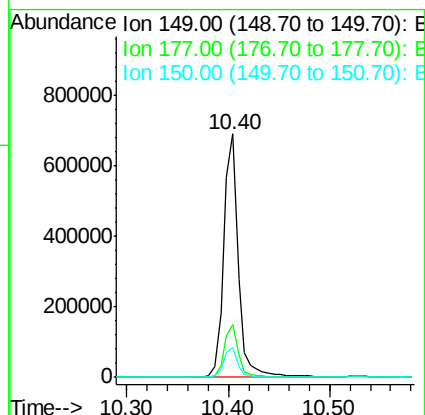
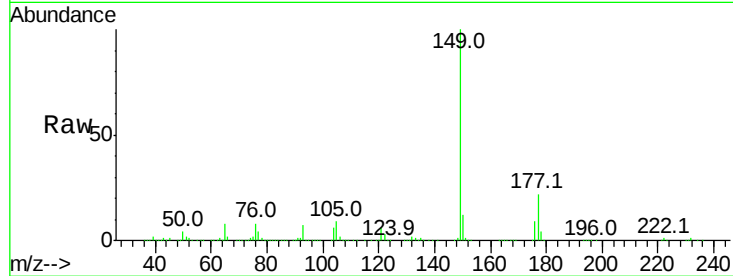




#59
Diethylphthalate
Concen: 38.732 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

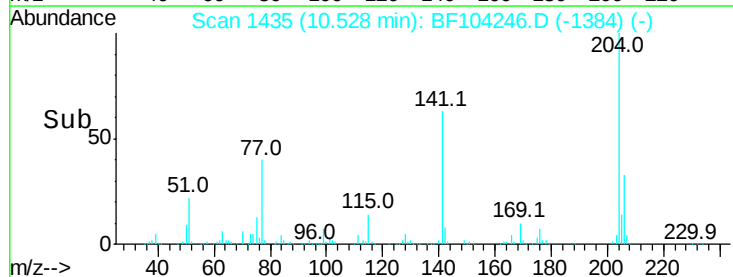
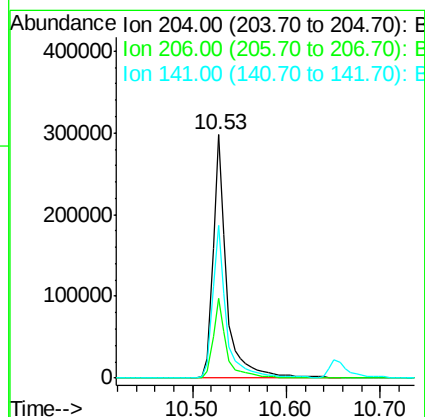
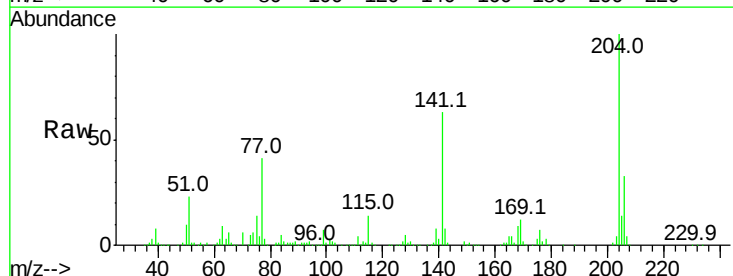
Instrument :
BNA_F
ClientSampleId :

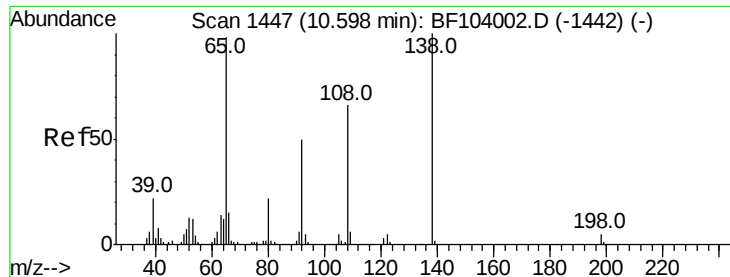
Tot Ion:149 Resp: 691305
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.380 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion:204 Resp: 305050
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 62.8 54.6 81.8





#61

4-Nitroaniline

Concen: 31.089 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampleId :

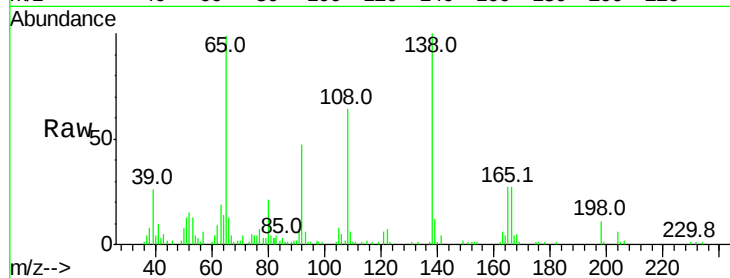
Tot Ion:138 Resp: 134039

Ion Ratio Lower Upper

138 100

92 47.1 30.2 70.2

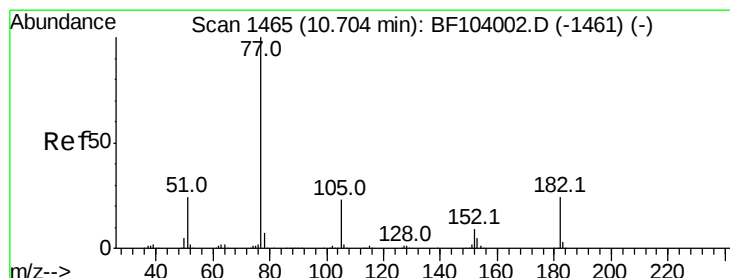
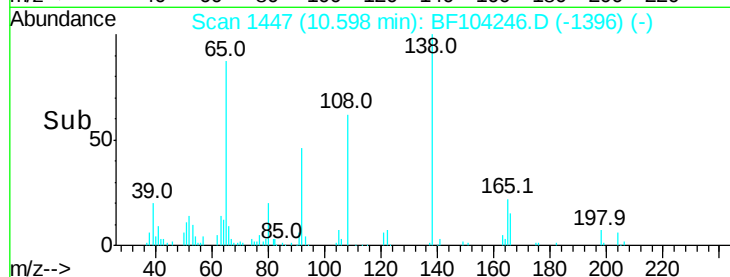
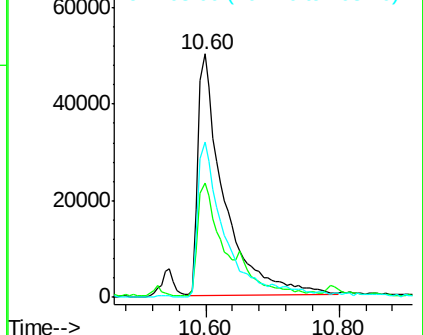
108 63.9 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.015 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Tgt Ion: 77 Resp: 613532

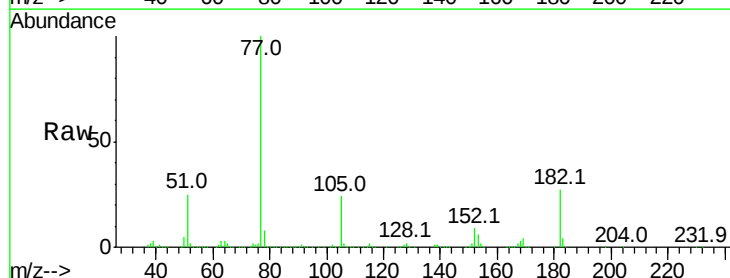
Ion Ratio Lower Upper

77 100

182 26.8 1.7 41.7

105 24.1 3.0 43.0

51 25.5 9.9 49.9

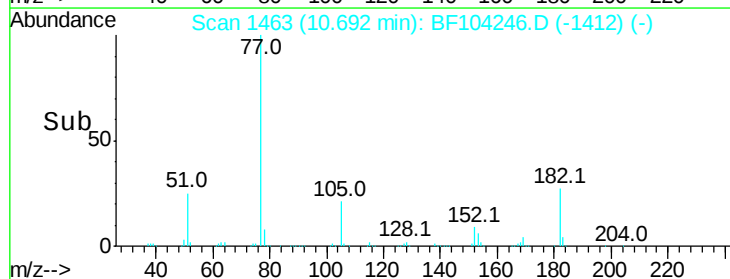
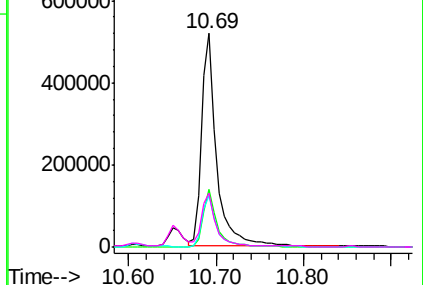


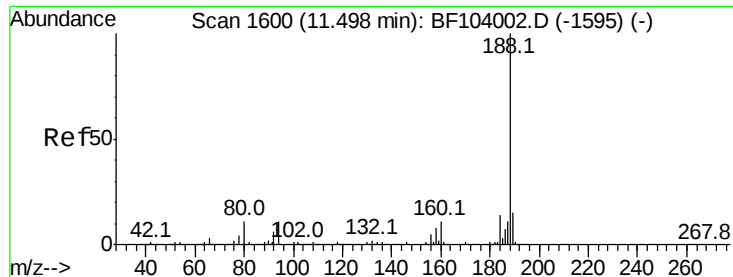
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

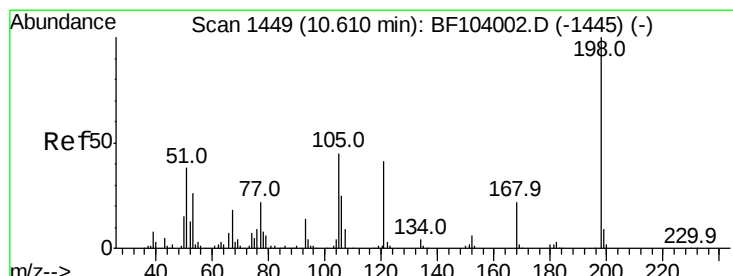
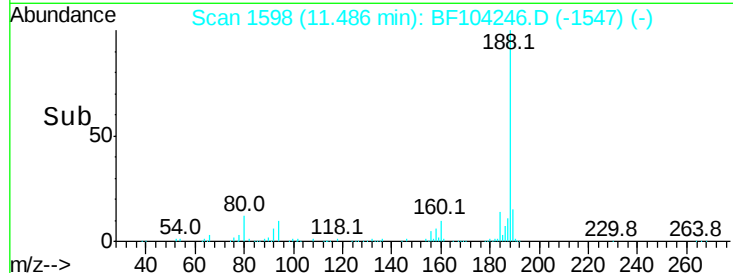
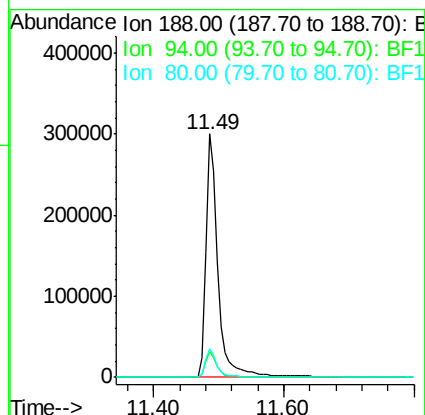
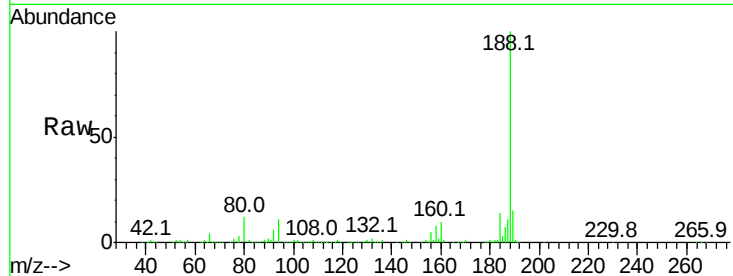




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

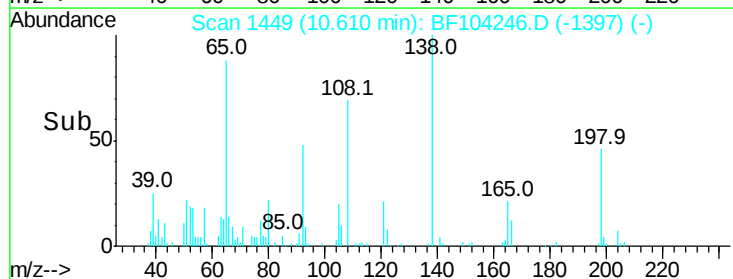
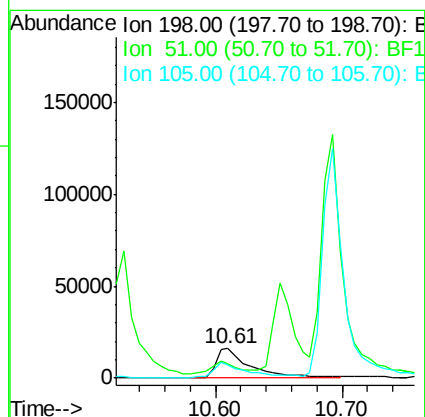
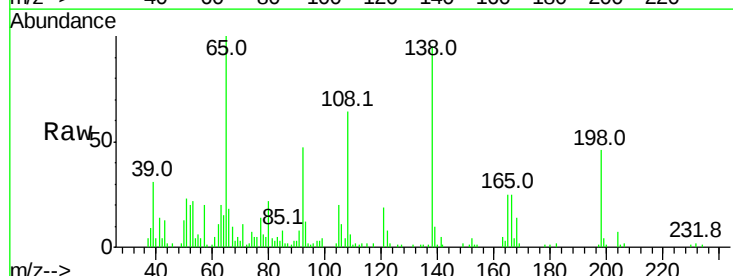
Instrument :
BNA_F
ClientSampleId :

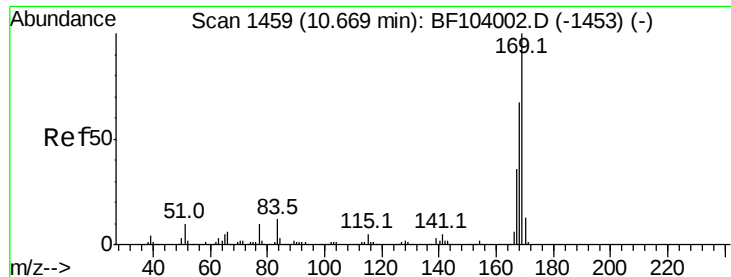
Tot Ion:188 Resp: 384437
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 13.371 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion:198 Resp: 31116
Ion Ratio Lower Upper
198 100
51 51.2 37.7 77.7
105 43.9 36.3 76.3

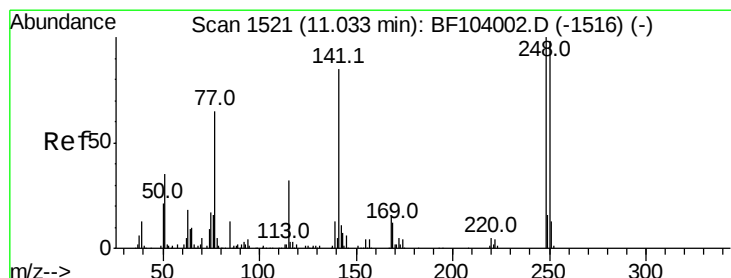
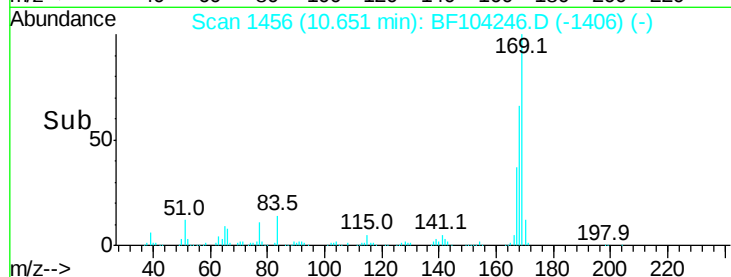
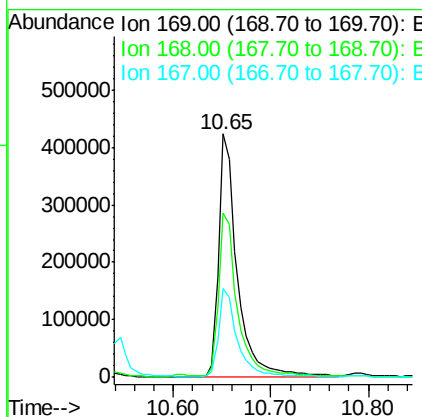
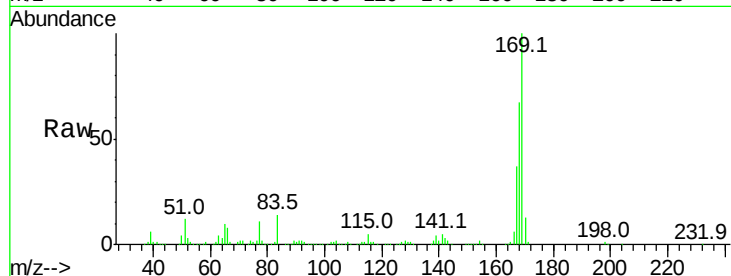




#65
 n-Nitrosodiphenylamine
 Concen: 42.991 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

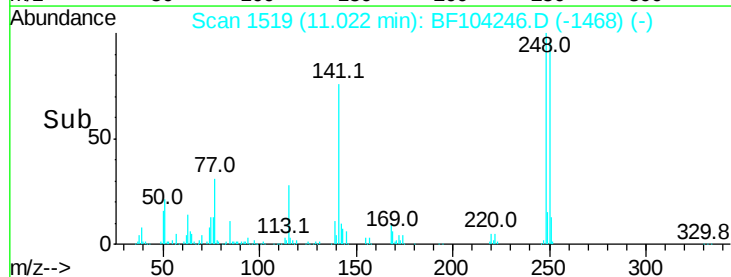
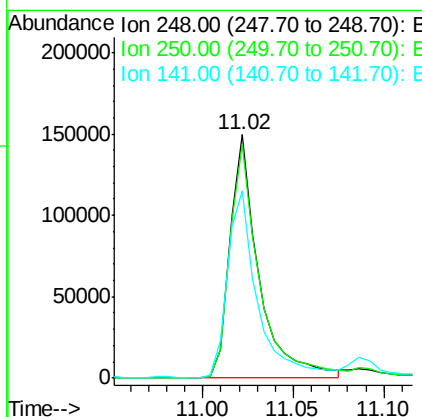
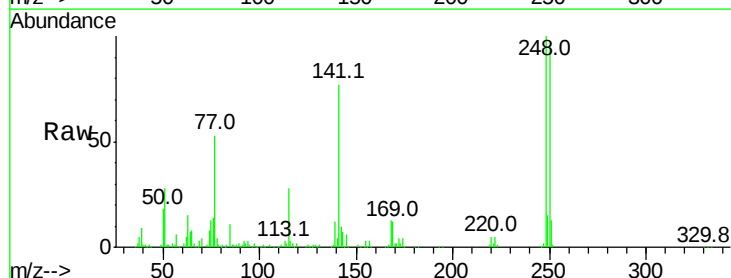
Instrument :
 BNA_F
 ClientSampleId :

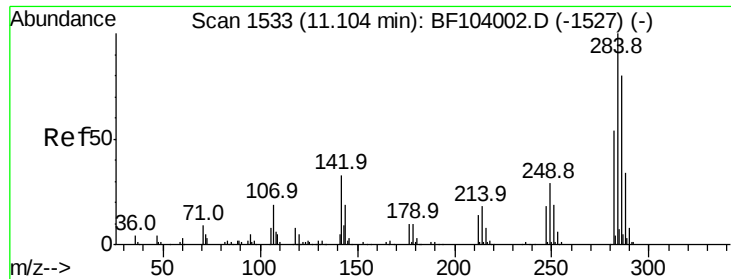
Tot Ion:169 Resp: 559722
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.630 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion:248 Resp: 167107
 Ion Ratio Lower Upper
 248 100
 250 95.7 76.9 115.3
 141 76.7 74.4 111.6

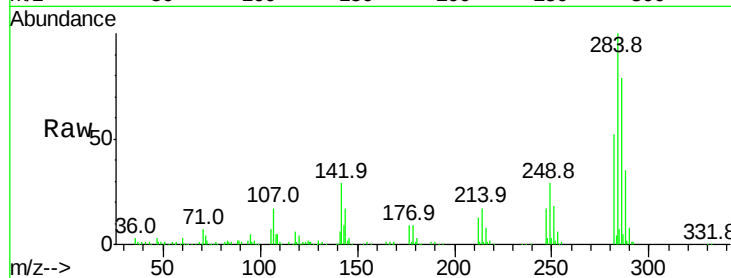




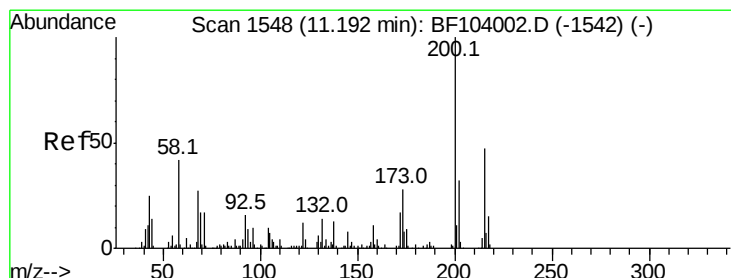
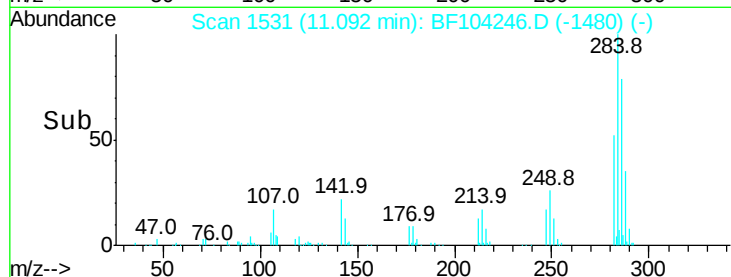
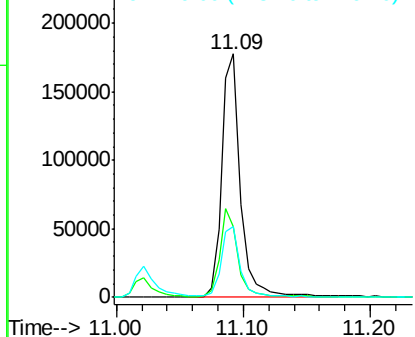
#67
Hexachlorobenzene
Concen: 38.819 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.3	34.6	52.0#
249	28.8	24.8	37.2

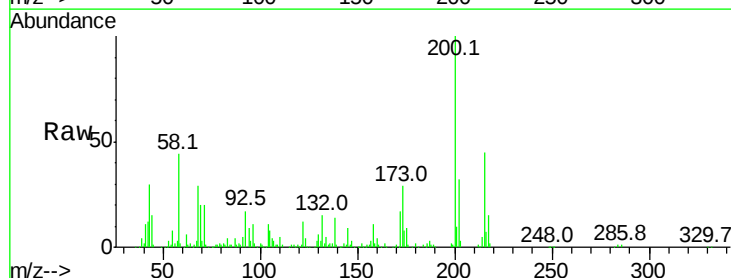


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

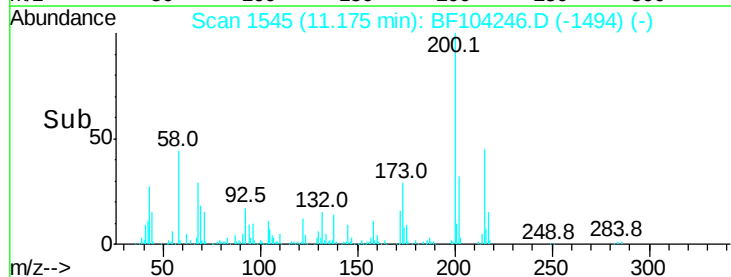
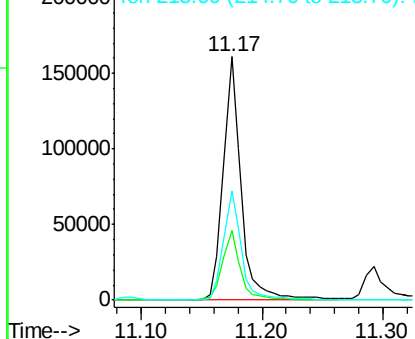


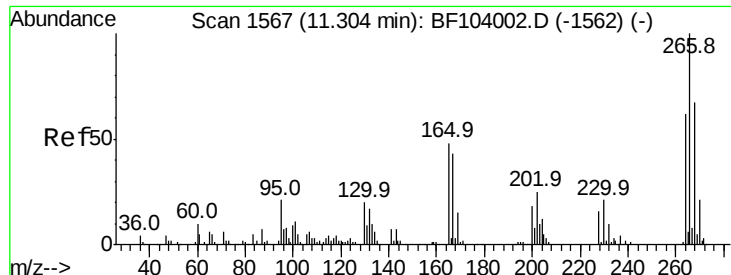
#68
Atrazine
Concen: 41.756 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.6	48.6
215	44.8	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: 57.721 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampled :

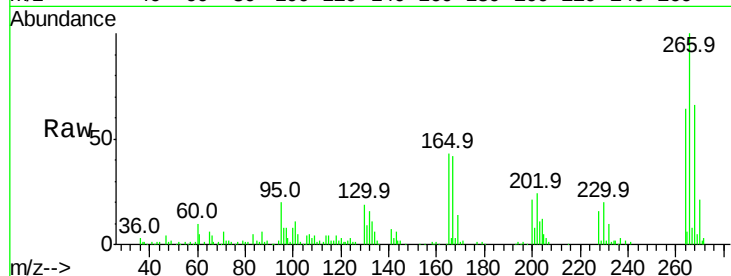
Tot Ion:266 Resp: 150273

Ion Ratio Lower Upper

266 100

268 66.2 51.1 76.7

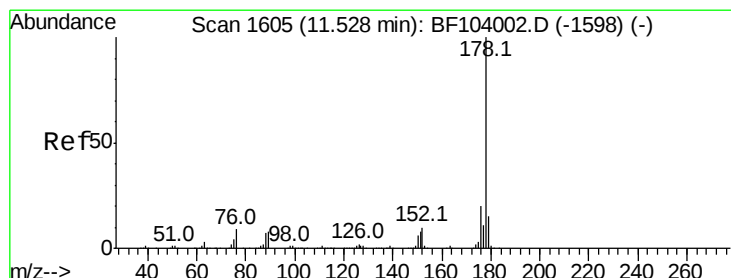
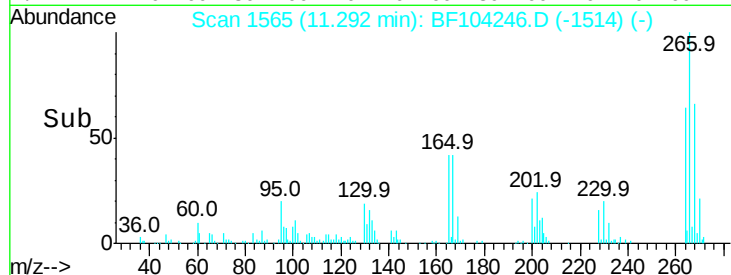
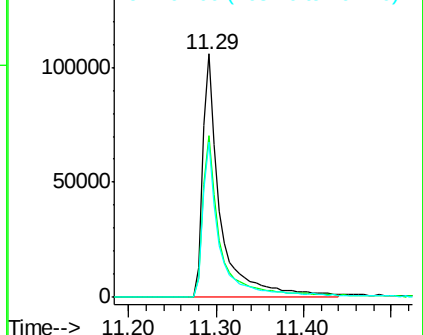
264 64.0 49.5 74.3



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: 37.245 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

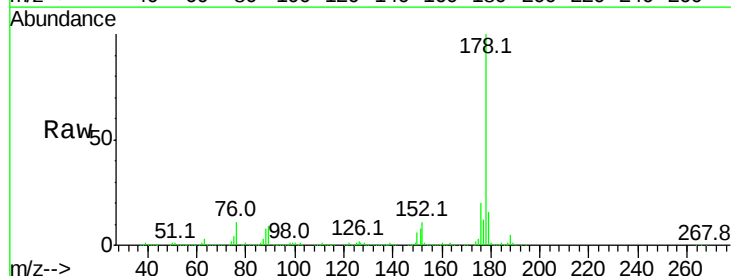
Tgt Ion:178 Resp: 775215

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

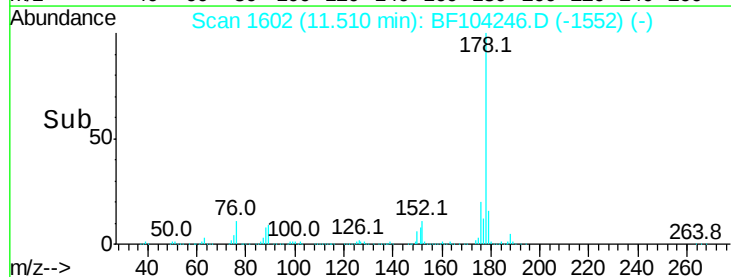
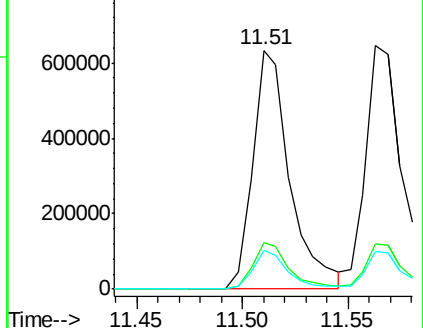
179 16.0 13.0 19.6

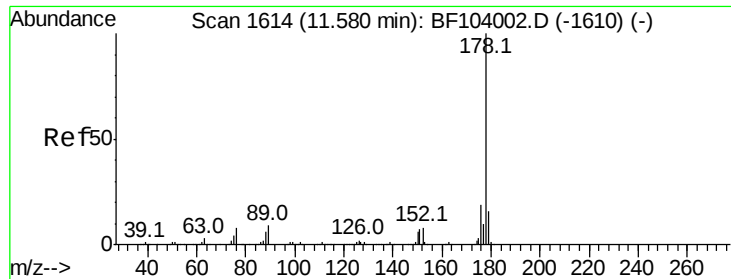


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

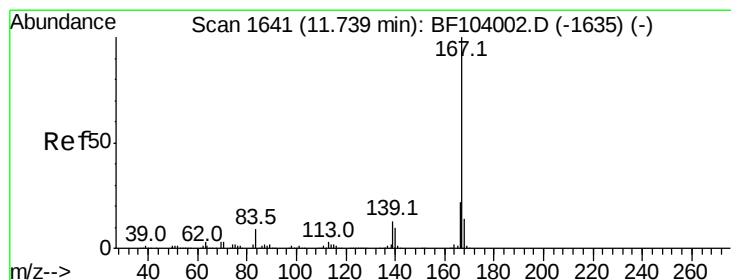
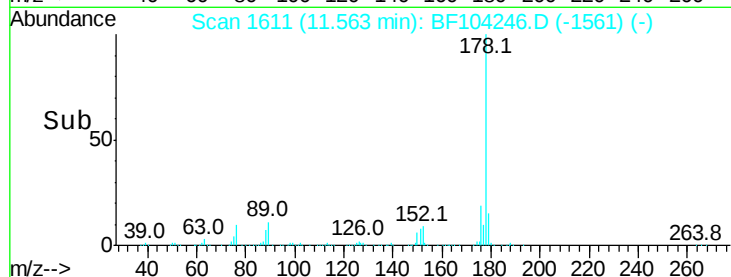
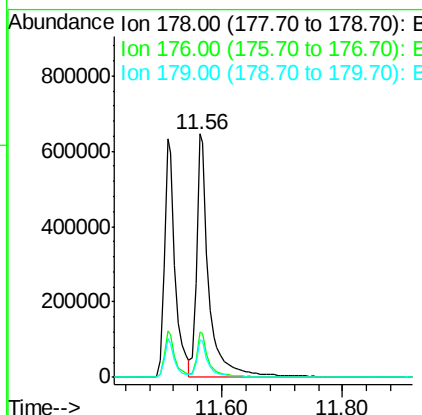
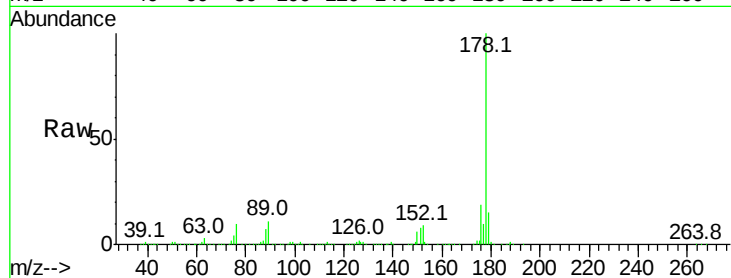




#71
 Anthracene
 Concen: 42.201 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

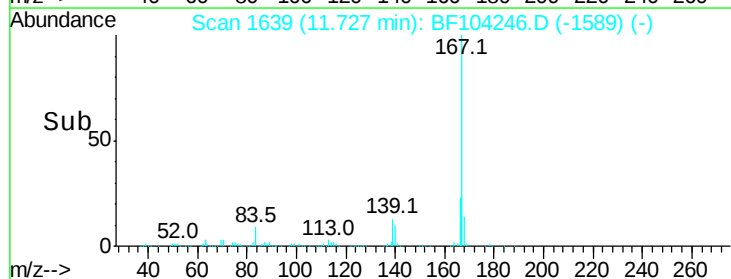
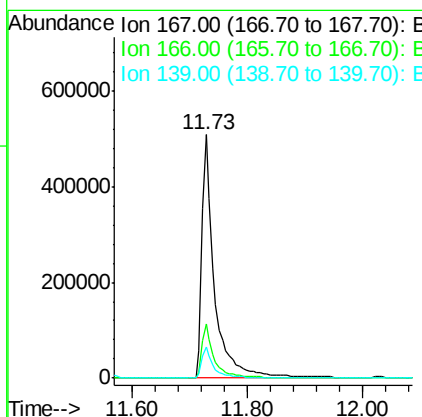
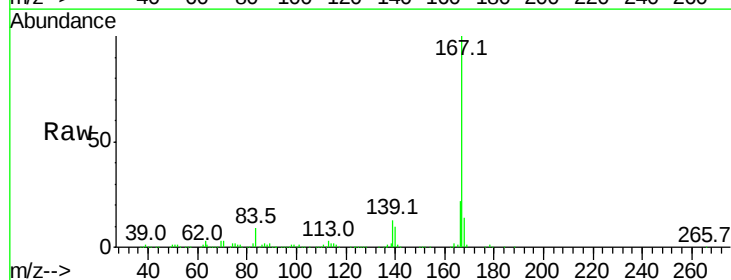
Instrument :
 BNA_F
 ClientSampleId :

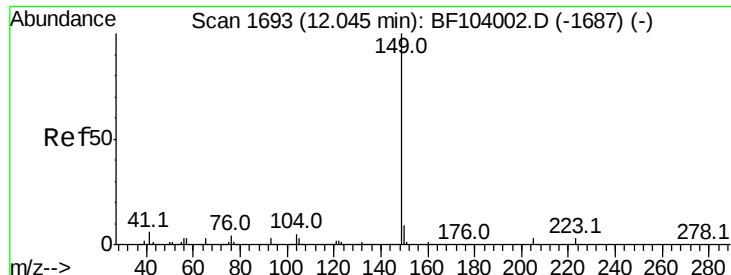
Tot Ion:178 Resp: 917472
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 38.159 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion:167 Resp: 791808
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.0 10.9 16.3

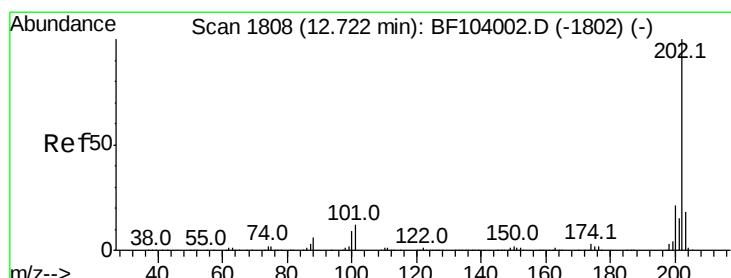
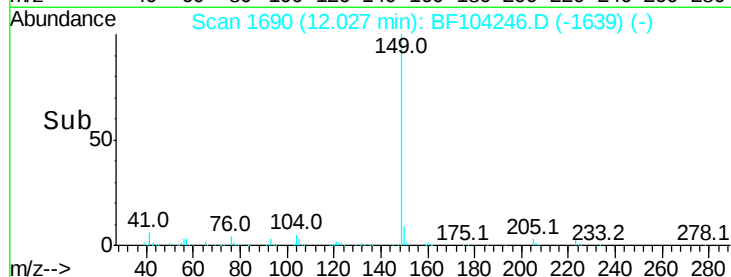
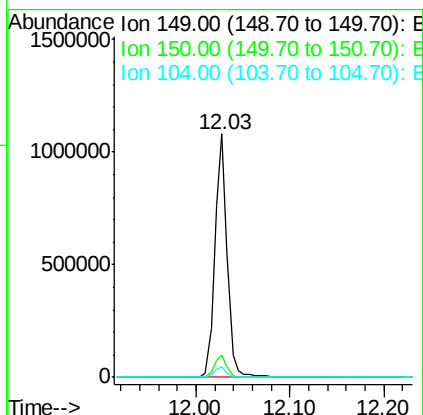
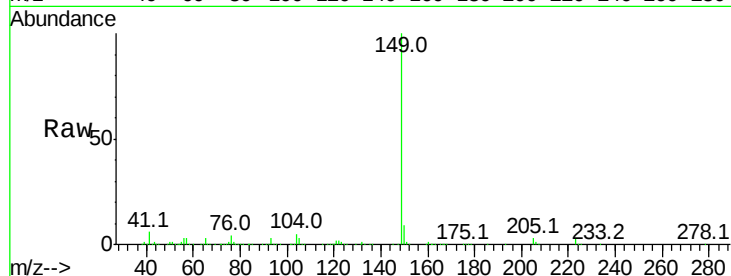




#73
Di-n-butylphthalate
Concen: 40.673 ng
RT: 12.03 min Scan# 1690
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

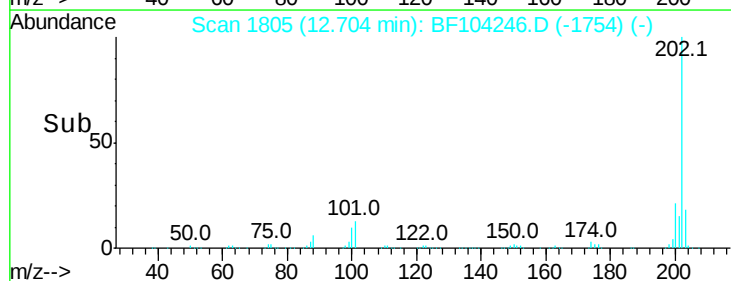
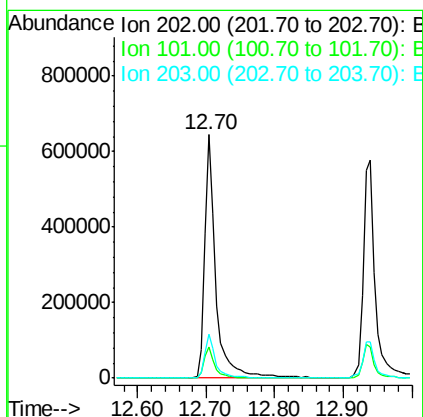
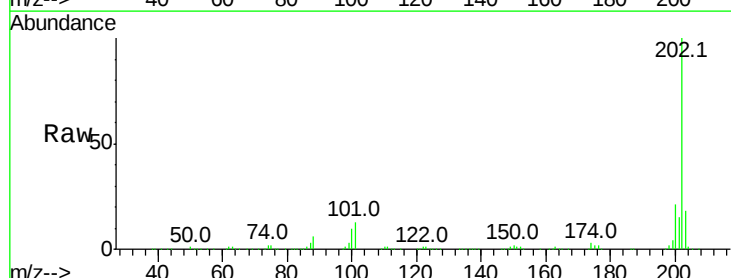
Instrument :
BNA_F
ClientSampleId :

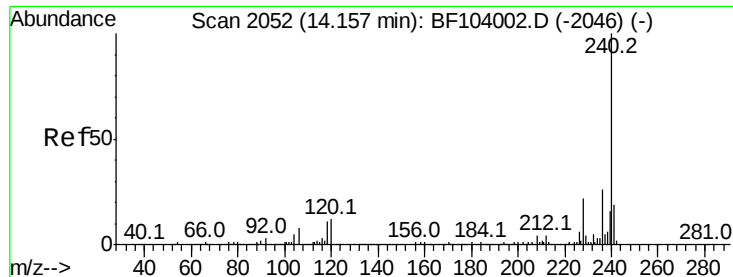
Tot Ion:149 Resp: 1005276
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.6 3.8 5.8



#74
Fluoranthene
Concen: 33.790 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion:202 Resp: 747572
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampleId :

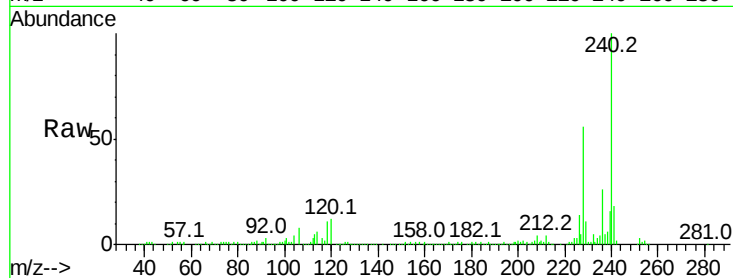
Tot Ion:240 Resp: 235958

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

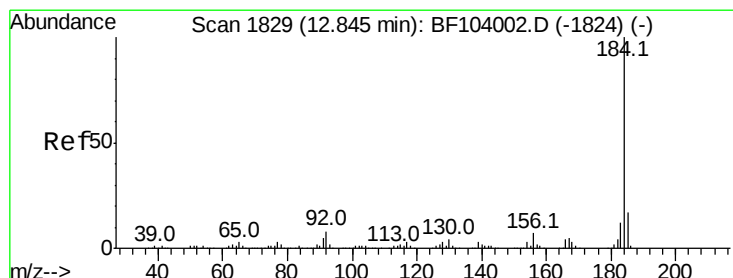
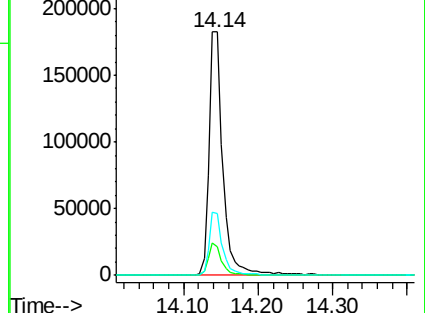
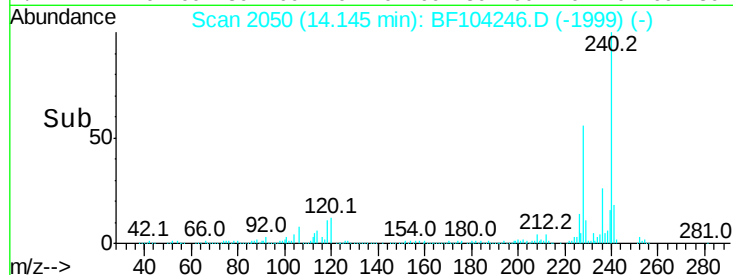
236 25.6 20.7 31.1



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: 57.438 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

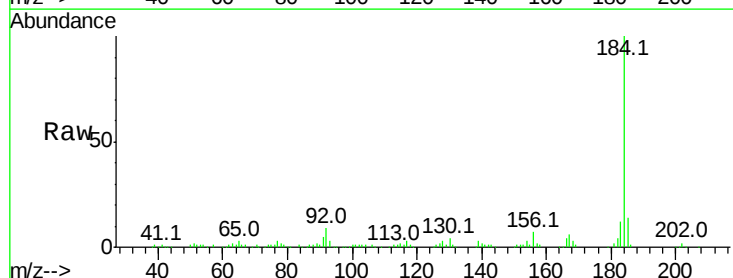
Tgt Ion:184 Resp: 386227

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

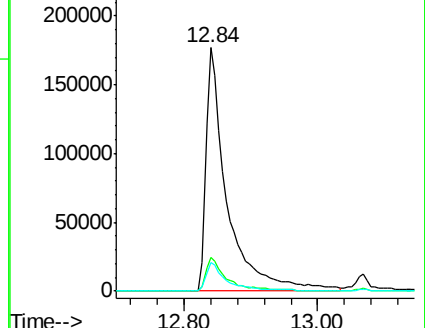
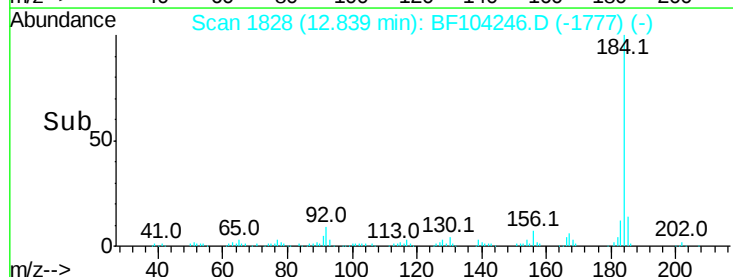
183 11.9 9.3 13.9

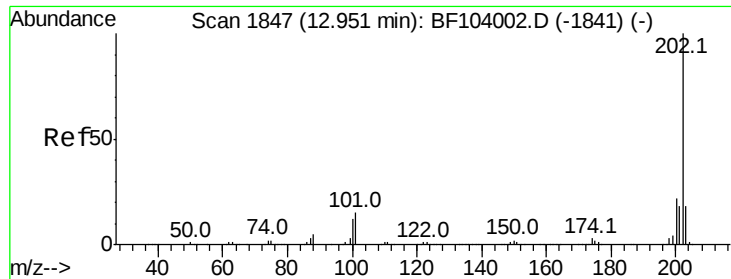


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

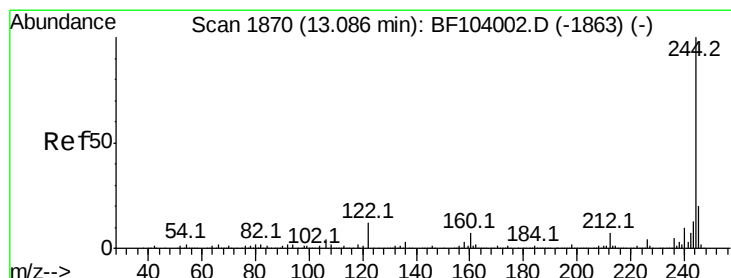
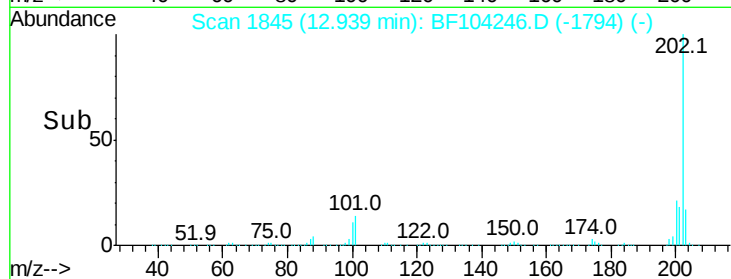
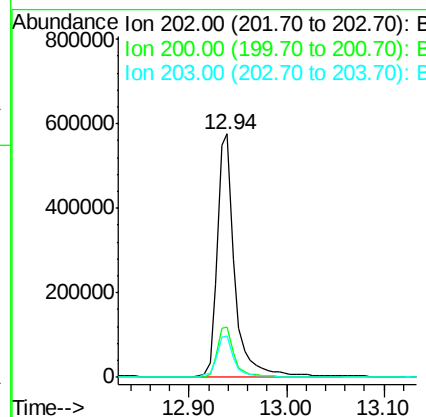
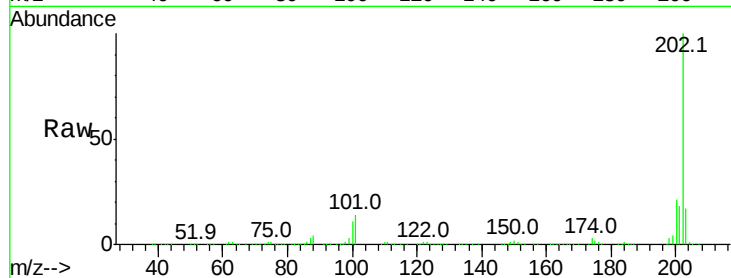




#77
Pvrene
Concen: 41.560 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

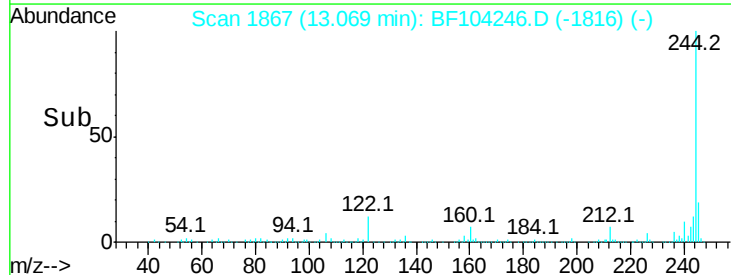
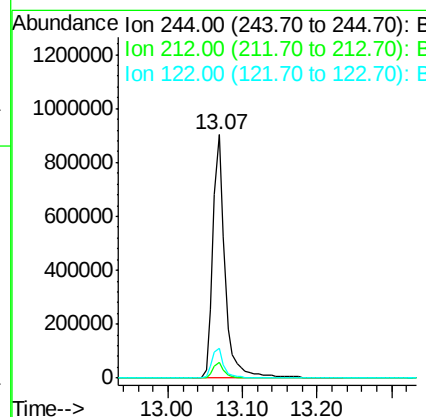
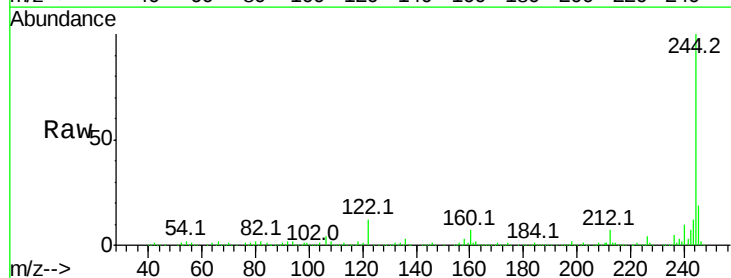
Instrument :
BNA_F
ClientSampleId :

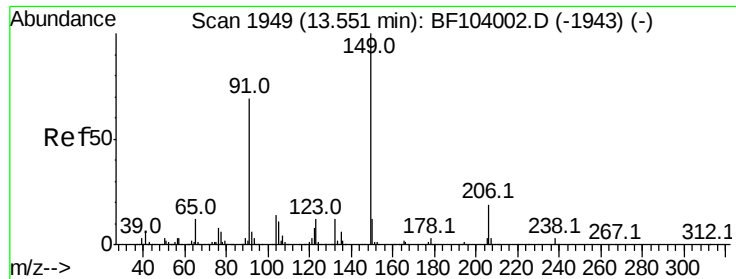
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	16.9	14.3	21.5



#78
Terphenyl-d14
Concen: 101.341 ng
RT: 13.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.2	11.0	16.4

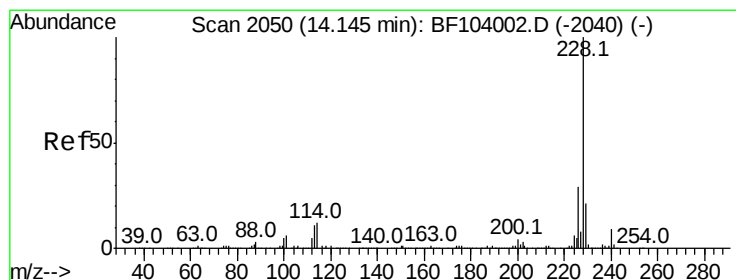
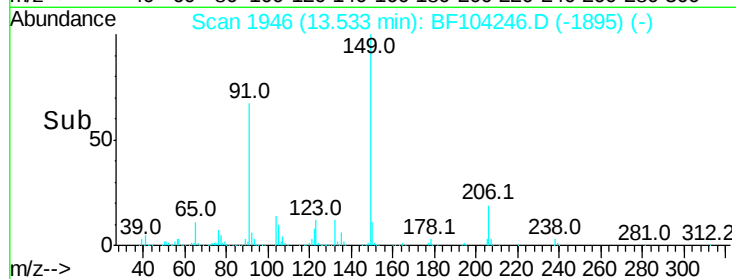
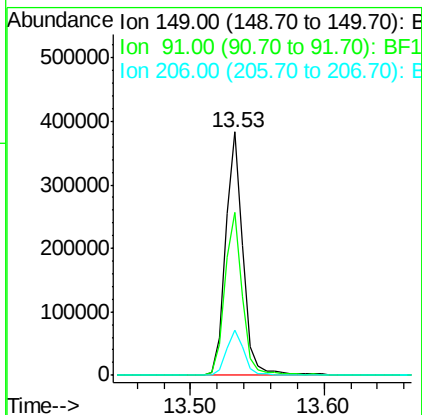
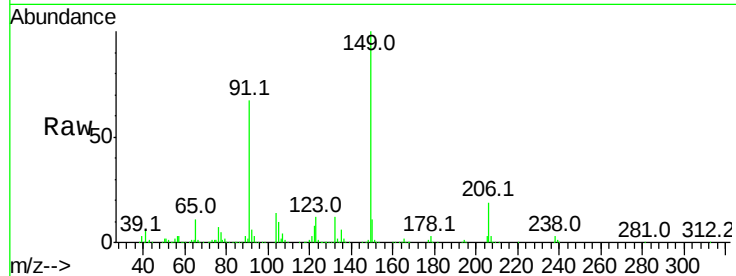




#79
Butylbenzylphthalate
Concen: 44.093 ng
RT: 13.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

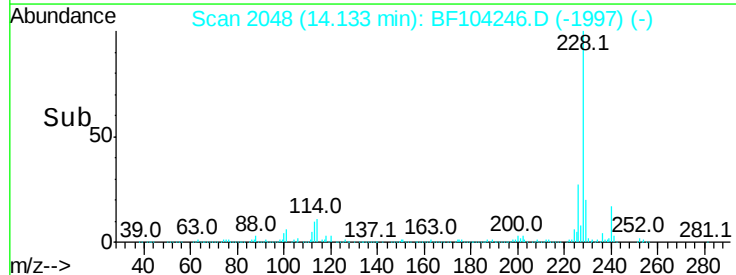
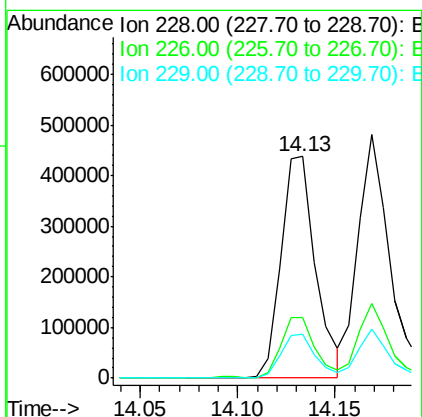
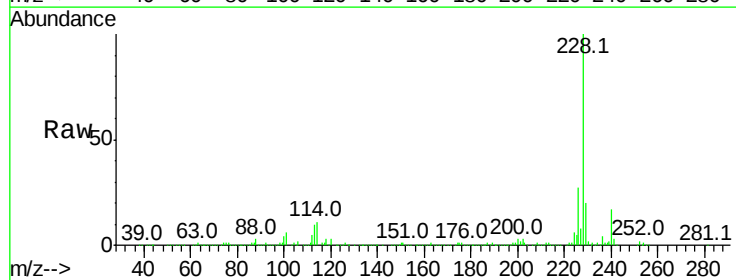
Instrument :
BNA_F
ClientSampled :

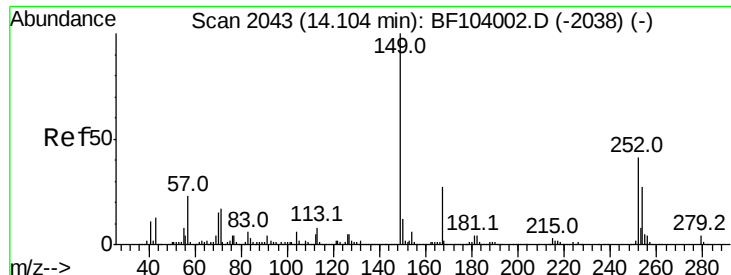
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.9	56.8	85.2
206	18.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 36.322 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.7	15.8	23.6

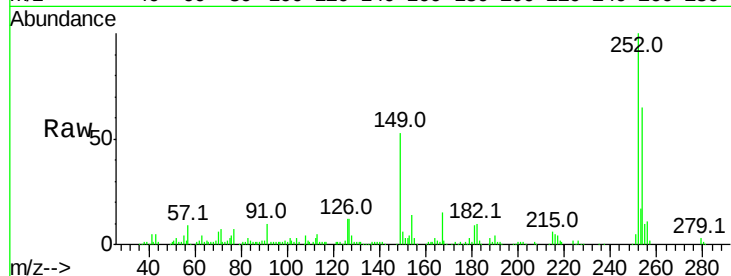




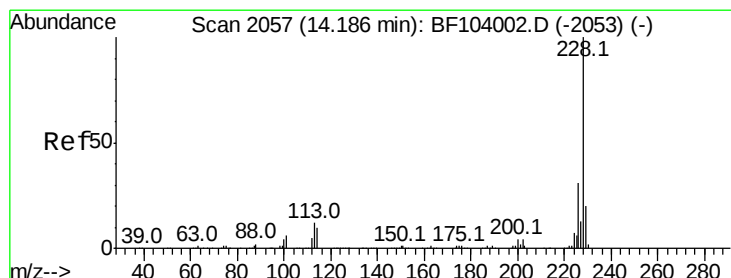
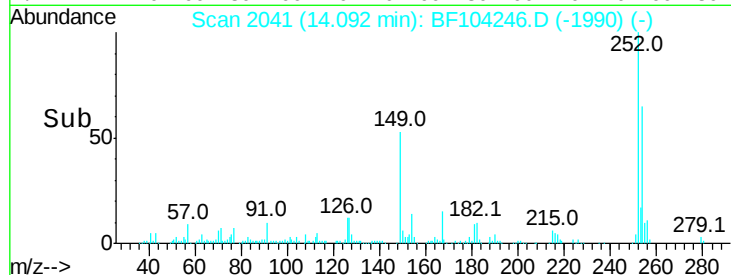
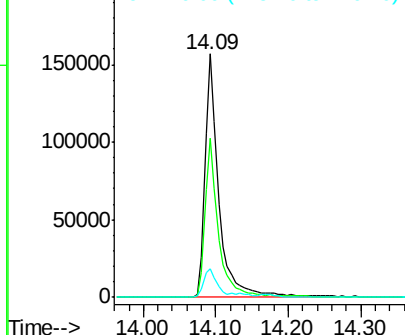
#81
 3,3'-Dichlorobenzidine
 Concen: 42.783 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 209083
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 11.9 11.3 16.9

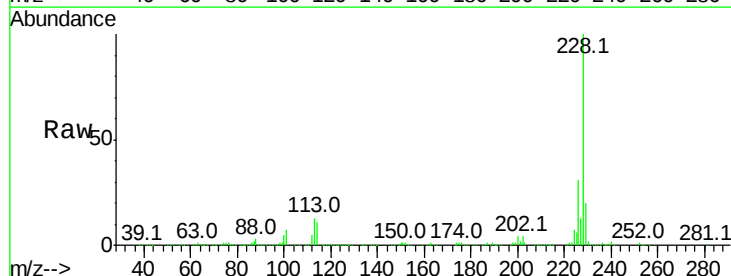


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

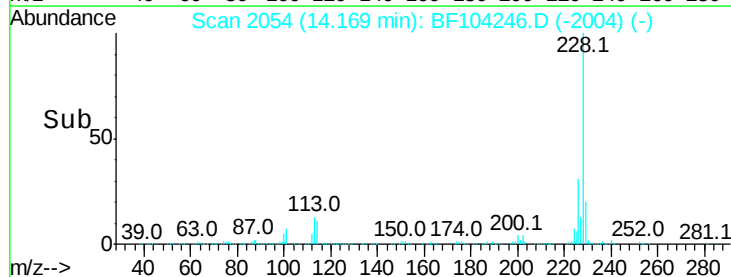
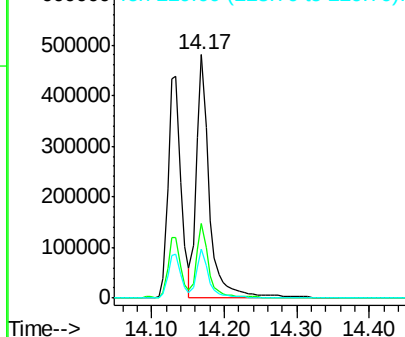


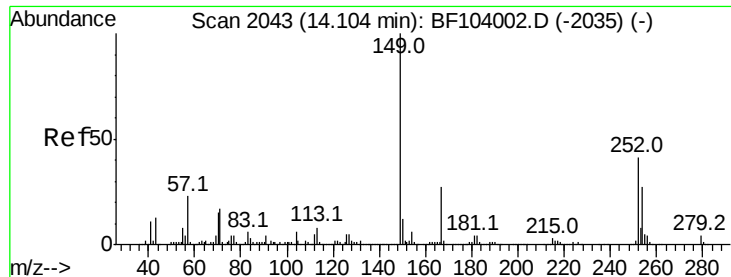
#82
 Chrysene
 Concen: 41.182 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion:228 Resp: 595535
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.1 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.486 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

Instrument :

BNA_F

ClientSampleId :

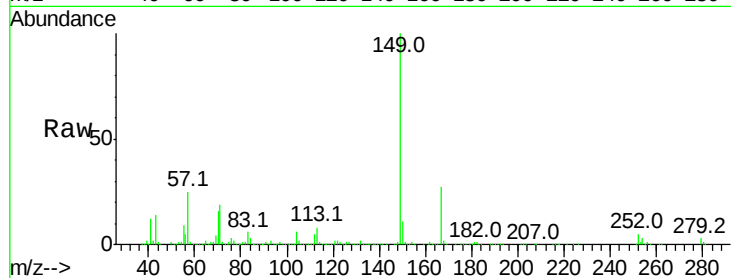
Tot Ion:149 Resp: 459331

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

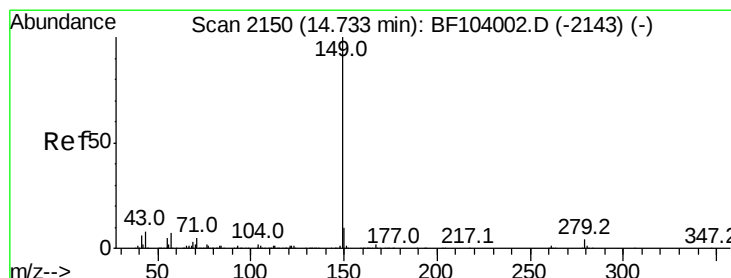
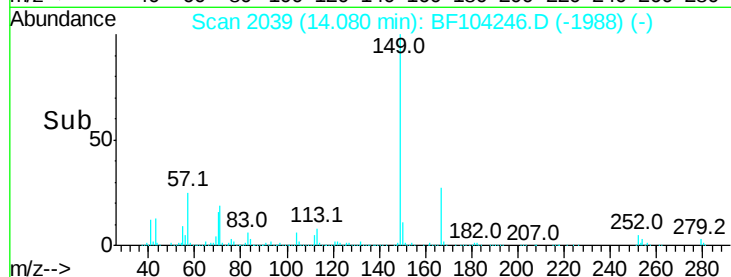
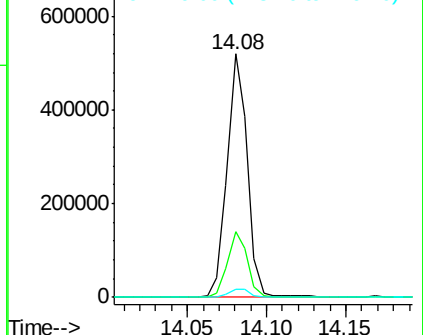
279 3.3 3.0 4.4



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: 40.899 ng

RT: 14.71 min Scan# 2146

Delta R.T. 0.01 min

Lab File: BF104246.D

Acq: 5 Apr 2018 00:32

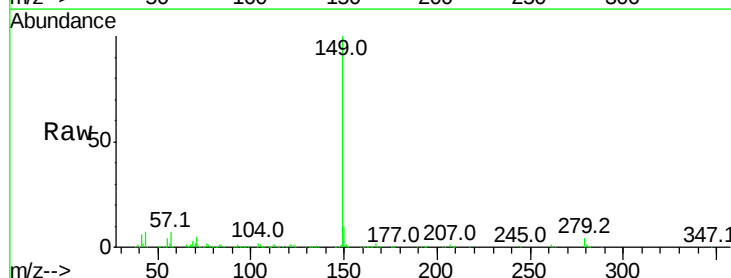
Tgt Ion:149 Resp: 726426

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

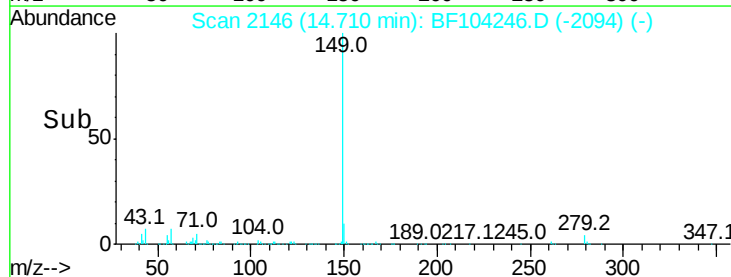
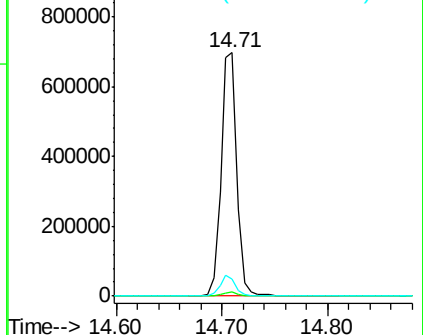
43 8.0 8.4 12.6#

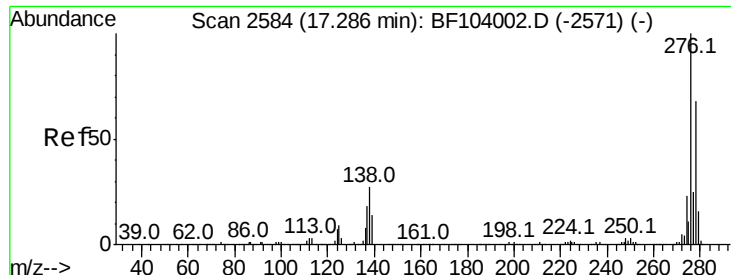


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

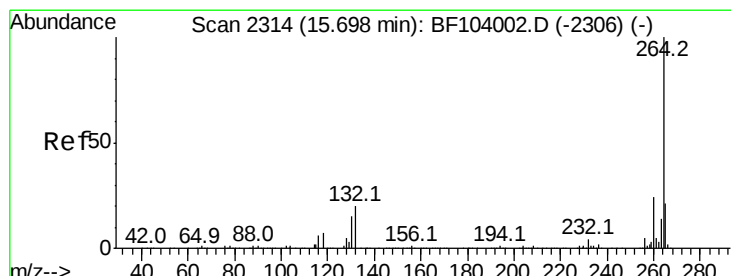
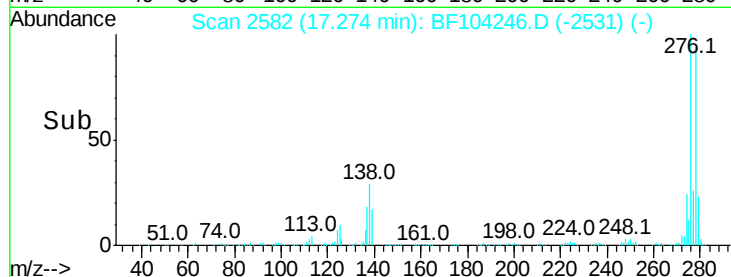
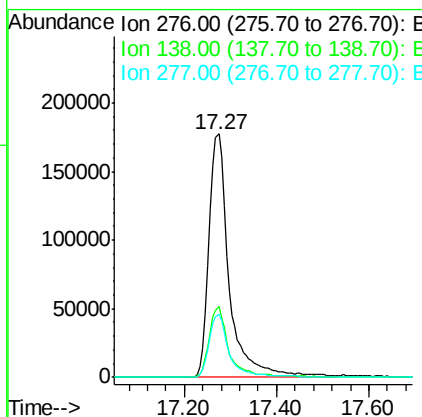
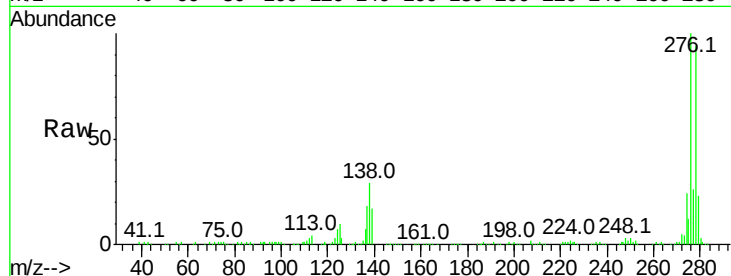




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.262 ng
 RT: 17.27 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

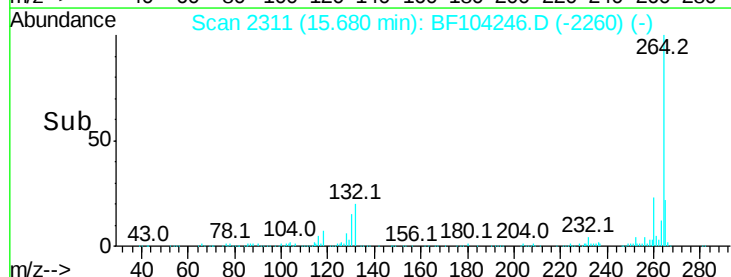
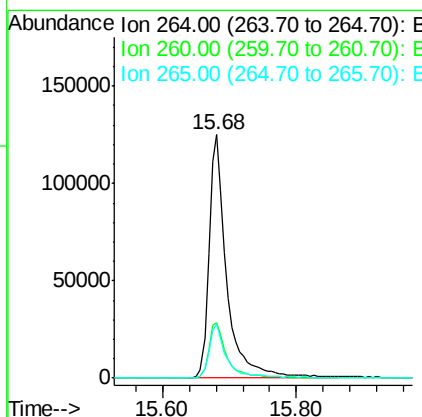
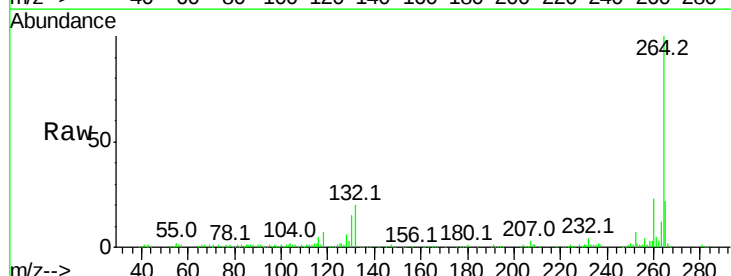
Instrument :
 BNA_F
 ClientSampleId :

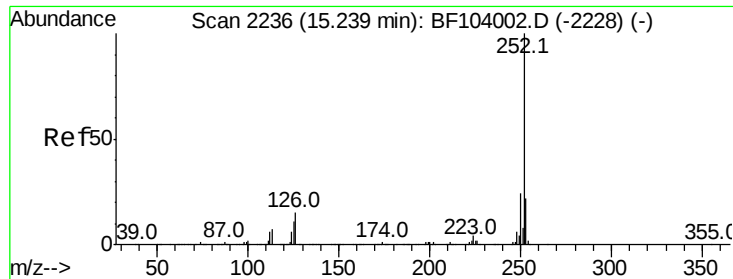
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	22.2	17.5	26.3

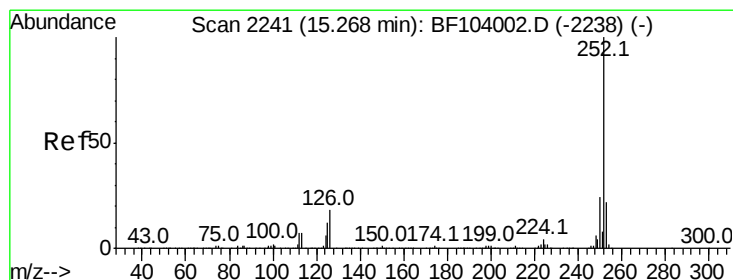
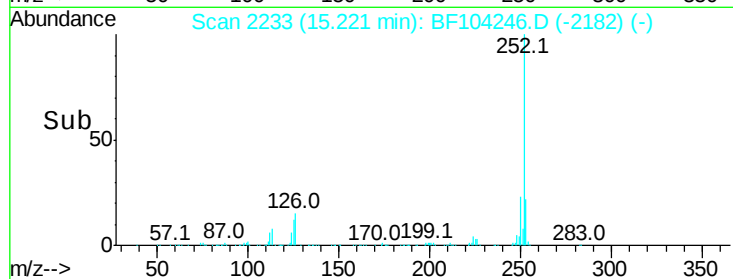
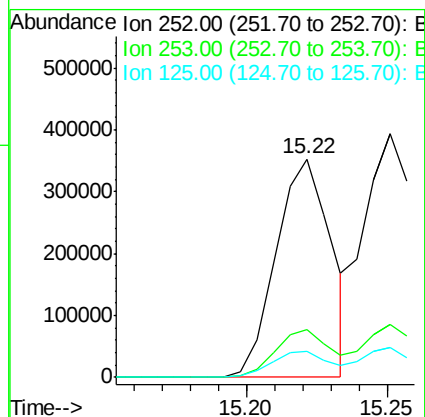
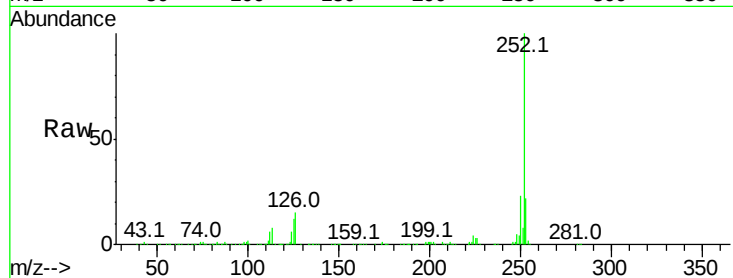




#87
Benzo(b)fluoranthene
Concen: 33.711 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

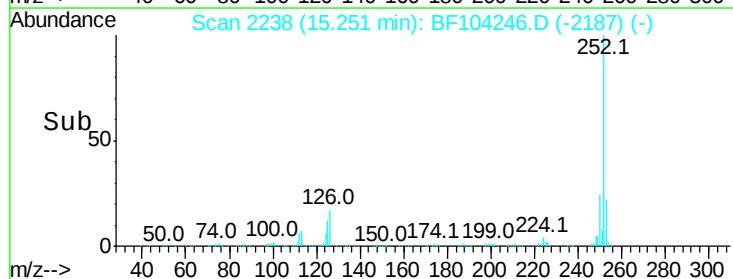
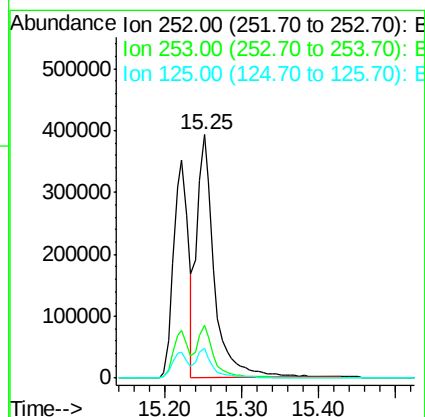
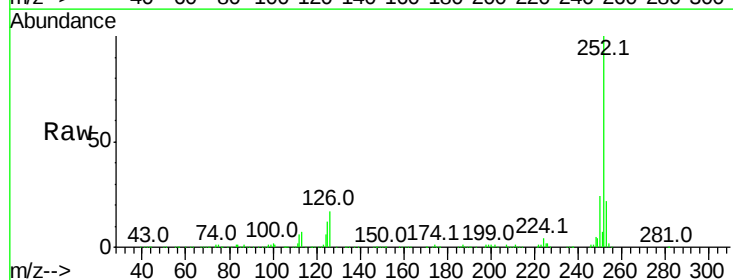
Instrument :
BNA_F
ClientSampleId :

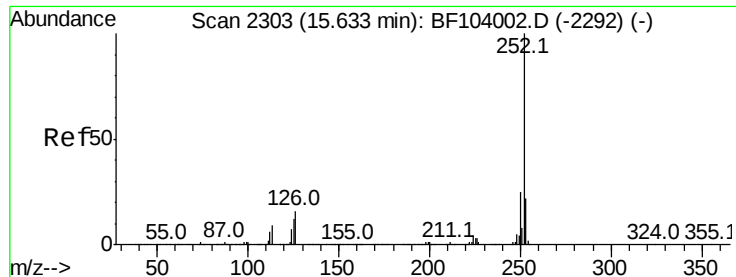
Tot Ion:252 Resp: 476696
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 11.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.607 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion:252 Resp: 620835
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.0 10.2 15.2

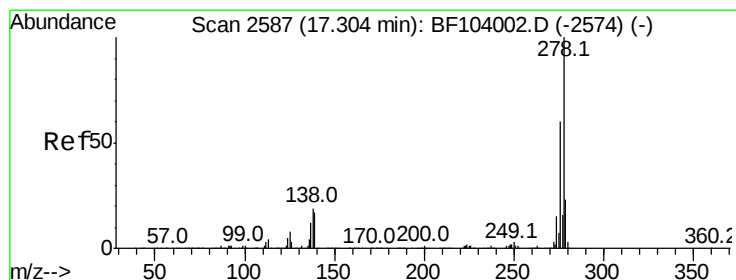
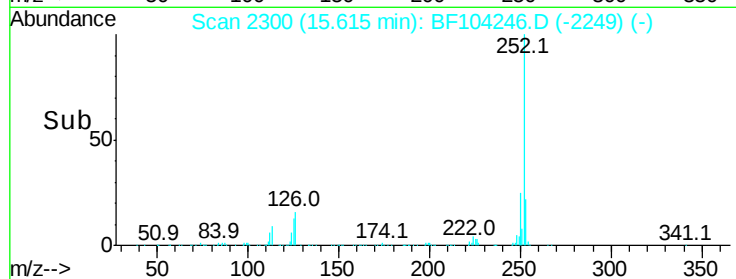
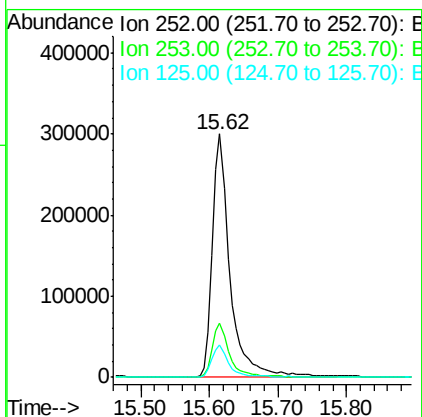
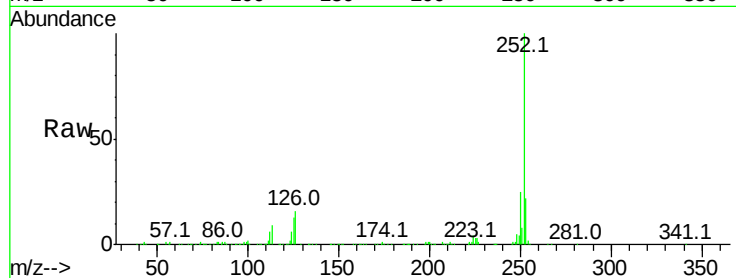




#89
Benzo(a)pyrene
Concen: 40.095 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

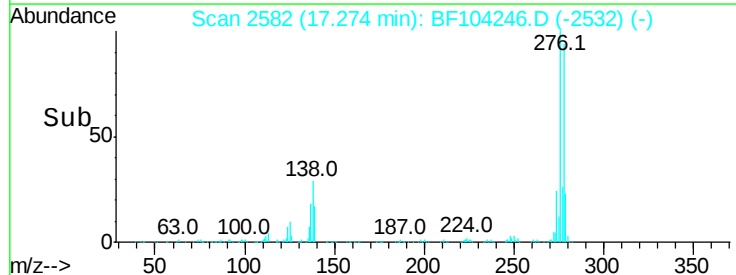
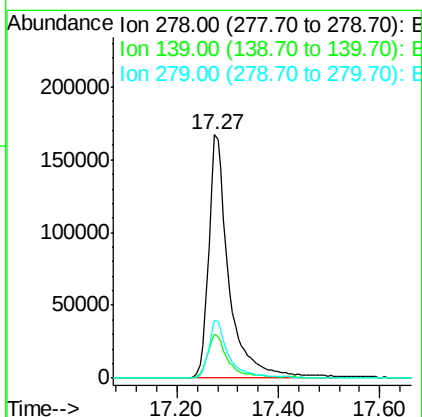
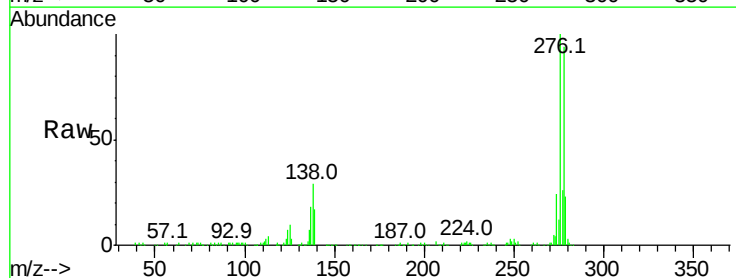
Instrument :
BNA_F
ClientSampleId :

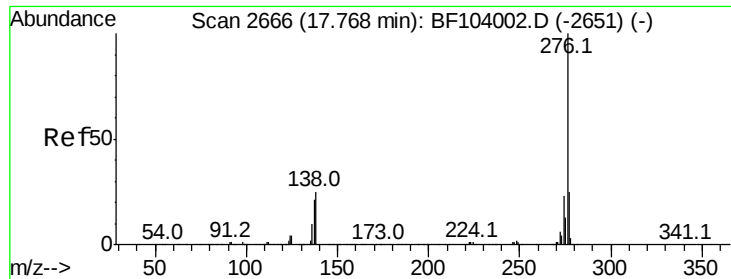
Tot Ion:252 Resp: 525418
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 13.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.311 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF104246.D
Acq: 5 Apr 2018 00:32

Tgt Ion:278 Resp: 464167
Ion Ratio Lower Upper
278 100
139 17.9 15.9 23.9
279 23.9 19.0 28.4

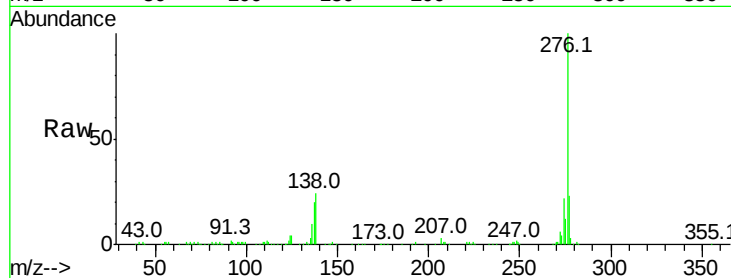




#91
 Benzo(a,h,i)perylene
 Concen: 34.803 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. 0.00 min
 Lab File: BF104246.D
 Acq: 5 Apr 2018 00:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	23.8	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

