

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104593.D
 Acq On : 18 Apr 2018 11:32
 Operator : JU/SJ
 Sample : J2387-13MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 12:41:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137152	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	549900	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	244867	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	420751	20.00	ng	0.00
75) Chrysene-d12	13.98	240	259234	20.00	ng	0.00
86) Perylene-d12	15.44	264	266604	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	518224	57.77	ng	0.00
7) Phenol-d6	6.44	99	402268	36.50	ng	0.00
23) Nitrobenzene-d5	7.37	82	829419	98.49	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	311913	122.80	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1366412	88.15	ng	0.00
78) Terphenyl-d14	12.92	244	1209955	106.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	70037	16.757	ng	91
3) Pyridine	3.28	79	183765	15.638	ng	89
4) n-Nitrosodimethylamine	3.23	42	73199	17.820	ng	# 74
6) Aniline	6.47	93	264539	17.277	ng	99
8) 2-Chlorophenol	6.59	128	343677	36.302	ng	95
9) Benzaldehyde	6.36	77	261933	51.953	ng	96
10) Phenol	6.45	94	172125	14.720	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	412555	44.211	ng	96
12) 1,3-Dichlorobenzene	6.75	146	417427	38.920	ng	99
13) 1,4-Dichlorobenzene	6.82	146	422177	39.488	ng	99
14) 1,2-Dichlorobenzene	6.97	146	388580	39.220	ng	99
15) Benzyl Alcohol	6.95	79	228712	27.323	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	504714	40.275	ng	88
17) 2-Methylphenol	7.06	107	229310	27.864	ng	98
18) Hexachloroethane	7.32	117	153127	40.171	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	282510	39.228	ng	93
20) 3+4-Methylphenols	7.22	107	237406	23.260	ng	# 36
22) Acetophenone	7.22	105	554013	40.922	ng	99
24) Nitrobenzene	7.39	77	428333	46.068	ng	97
25) Isophorone	7.63	82	800170	44.933	ng	98
26) 2-Nitrophenol	7.70	139	221535	58.528	ng	97
27) 2,4-Dimethylphenol	7.75	122	322238	41.001	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	509381	46.783	ng	98
29) 2,4-Dichlorophenol	7.95	162	315702	42.099	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	337132	40.965	ng	97
31) Naphthalene	8.12	128	1936165	70.709	ng	99
32) Benzoic acid	7.86	122	93363	14.888	ng	96
33) 4-Chloroaniline	8.16	127	136162	11.607	ng	96
34) Hexachlorobutadiene	8.22	225	179178	39.749	ng	98
35) Caprolactam	8.55	113	9848	3.765	ng	# 83
36) 4-Chloro-3-methylphenol	8.64	107	313609	39.002	ng	98
37) 2-Methylnaphthalene	8.80	142	804980	45.448	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	316716	45.184	ng	99
40) Hexachlorocyclopentadiene	8.95	237	226543	57.730	ng	99

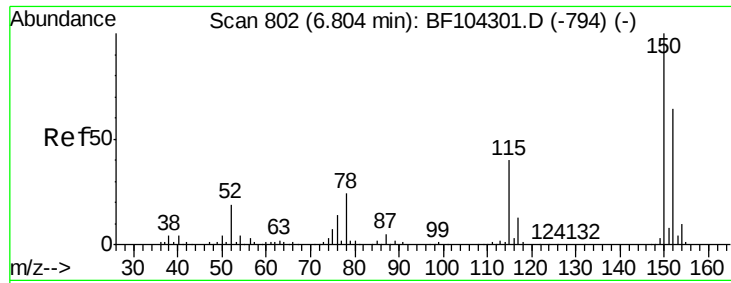
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104593.D
 Acq On : 18 Apr 2018 11:32
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 QLast Update : Wed Apr 18 11:52:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	222086	45.641	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	233062	42.802	ng	98
45) 1,1'-Biphenyl	9.27	154	886072	43.075	ng	99
46) 2-Chloronaphthalene	9.29	162	699212	43.033	ng	99
47) 2-Nitroaniline	9.39	65	212799	52.959	ng	98
48) Acenaphthylene	9.71	152	1056582	41.446	ng	99
49) Dimethylphthalate	9.57	163	830297	42.999	ng	99
50) 2,6-Dinitrotoluene	9.63	165	190333	53.269	ng	98
51) Acenaphthene	9.88	154	633708	40.742	ng	99
52) 3-Nitroaniline	9.80	138	65400	15.635	ng	97
53) 2,4-Dinitrophenol	9.92	184	174017	103.387	ng	# 19
54) Dibenzofuran	10.05	168	943289	43.517	ng	98
55) 4-Nitrophenol	9.97	139	106429	32.390	ng	91
56) 2,4-Dinitrotoluene	10.04	165	242590	51.760	ng	98
57) Fluorene	10.40	166	714679	45.297	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	182555	44.939	ng	96
59) Diethylphthalate	10.27	149	809788	42.108	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	317153	45.137	ng	99
61) 4-Nitroaniline	10.42	138	170805	41.762	ng	96
62) Azobenzene	10.55	77	755108	41.098	ng	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	115246	54.980	ng	# 73
65) n-Nitrosodiphenylamine	10.51	169	647482	44.383	ng	99
66) 4-Bromophenyl-phenylether	10.87	248	203051	45.370	ng	97
67) Hexachlorobenzene	10.95	284	228518	45.379	ng	# 86
68) Atrazine	11.04	200	182947	41.546	ng	100
69) Pentachlorophenol	11.14	266	224899	72.189	ng	99
70) Phenanthrene	11.36	178	1044206	44.565	ng	99
71) Anthracene	11.42	178	1037066	43.541	ng	100
72) Carbazole	11.57	167	906375	38.943	ng	99
73) Di-n-butylphthalate	11.90	149	1183934	41.642	ng	99
74) Fluoranthene	12.56	202	950855	38.840	ng	97
76) Benzidine	12.67	184	200269	18.857	ng	98
77) Pyrene	12.78	202	966229	50.284	ng	100
79) Butylbenzylphthalate	13.39	149	430804	47.589	ng	96
80) Benzo(a)anthracene	13.97	228	738018	47.654	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	166778	28.883	ng	98
82) Chrysene	14.00	228	710586	44.670	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	591495	50.799	ng	99
84) Di-n-octyl phthalate	14.57	149	916340	47.098	ng	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	919061	68.012	ng	98
87) Benzo(b)fluoranthene	15.02	252	730375	43.376	ng	98
88) Benzo(k)fluoranthene	15.05	252	634935	39.941	ng	98
89) Benzo(a)pyrene	15.38	252	687287	45.618	ng	# 97
90) Dibenzo(a,h)anthracene	16.92	278	749203	60.548	ng	97
91) Benzo(g,h,i)perylene	17.34	276	799752	66.712	ng	98

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

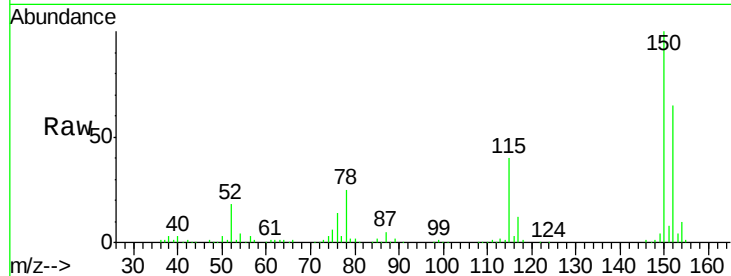


#1

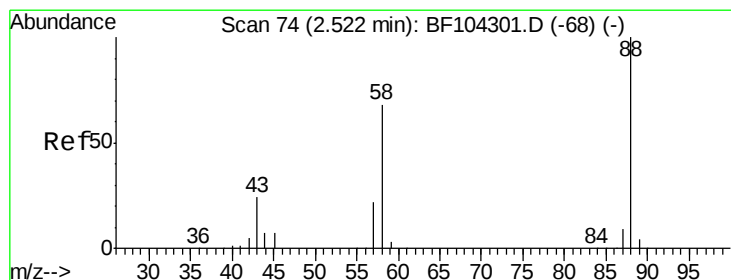
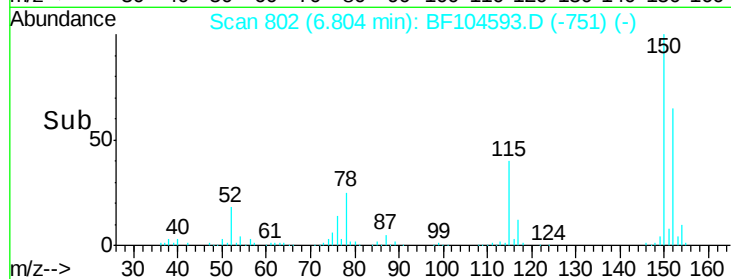
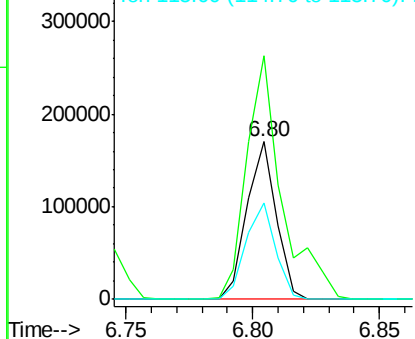
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137152
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 61.2 50.1 75.1



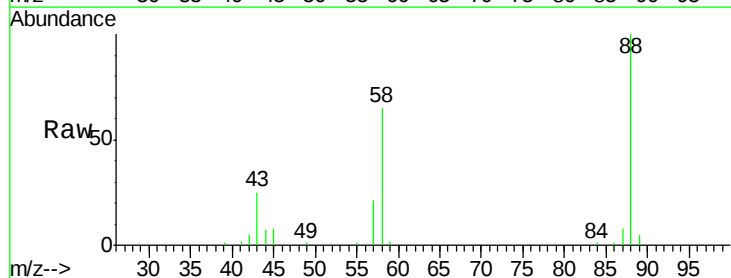
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



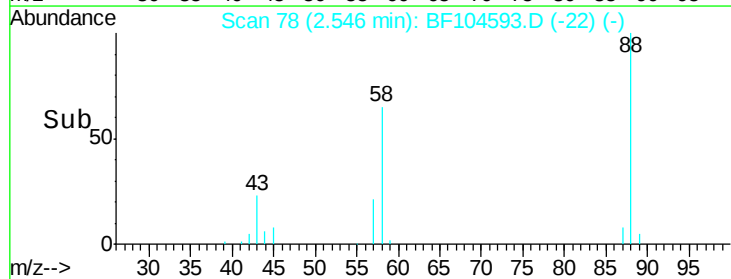
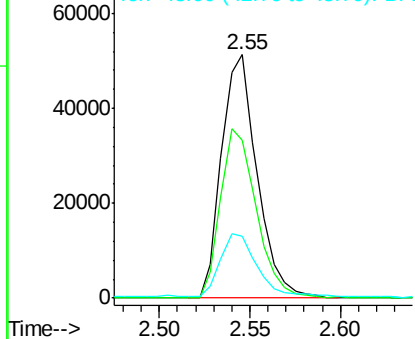
#2

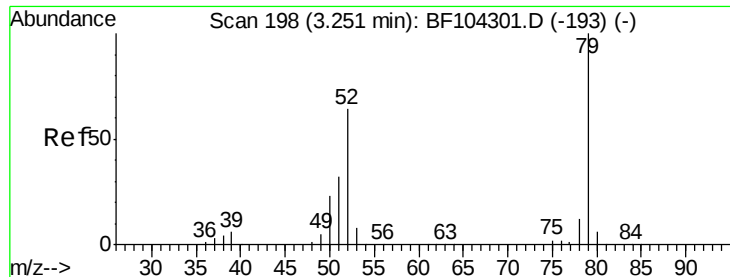
1,4-Dioxane
Concen: 16.757 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.03 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion: 88 Resp: 70037
Ion Ratio Lower Upper
88 100
58 70.2 62.6 93.8
43 26.6 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: 15.638 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.03 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampled :

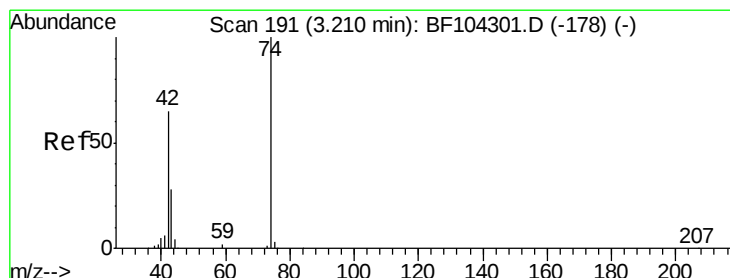
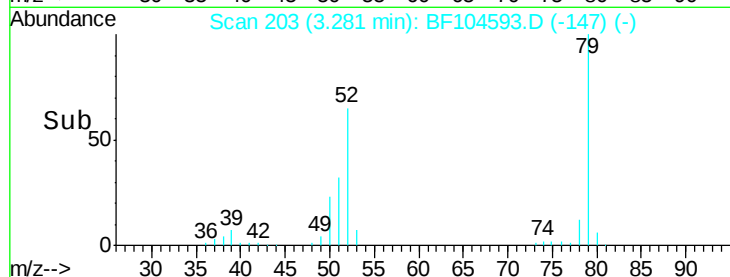
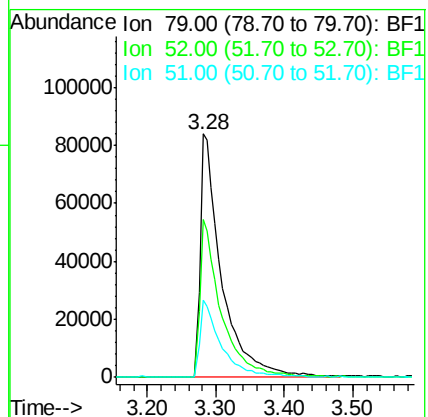
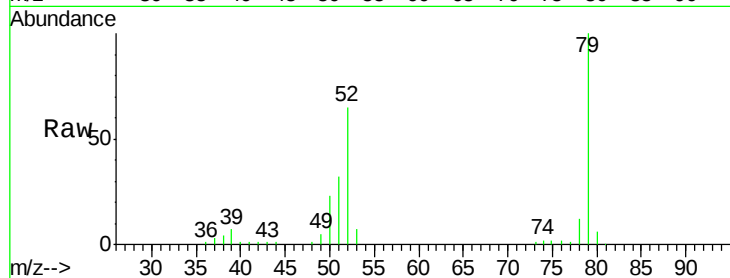
Tot Ion: 79 Resp: 183765

Ion Ratio Lower Upper

79 100

52 64.8 59.8 89.6

51 31.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 17.820 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

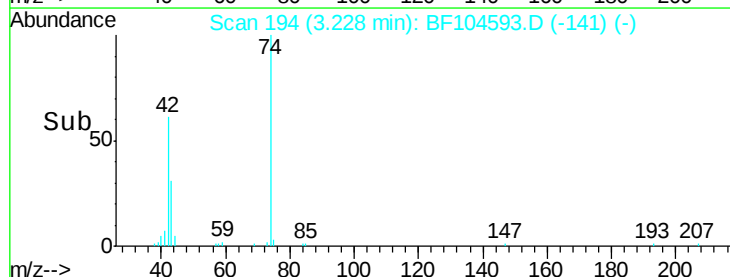
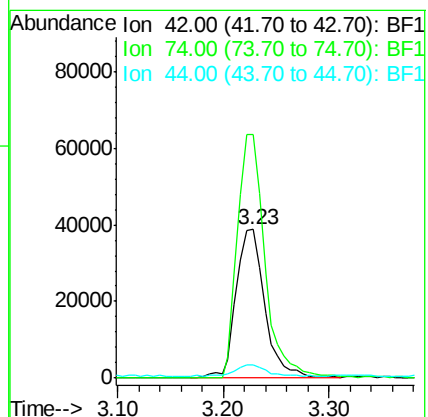
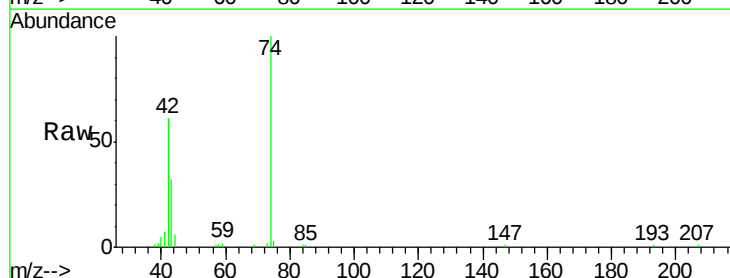
Tgt Ion: 42 Resp: 73199

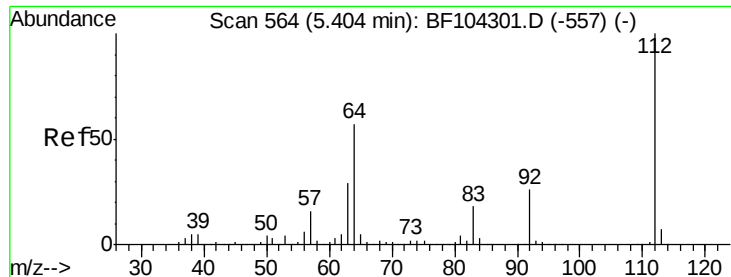
Ion Ratio Lower Upper

42 100

74 163.4 104.9 157.3#

44 9.2 6.9 10.3





#5

2-Fluorophenol

Concen: 57.775 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

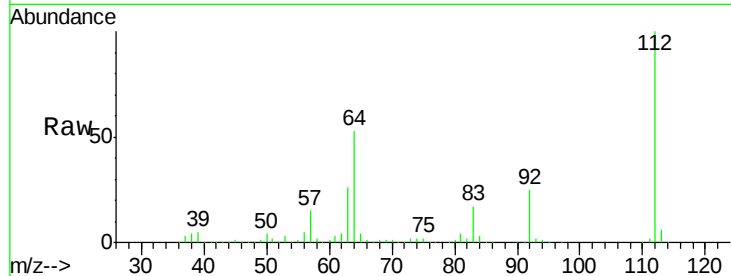
Tot Ion:112 Resp: 518224

Ion Ratio Lower Upper

112 100

64 52.9 47.9 71.9

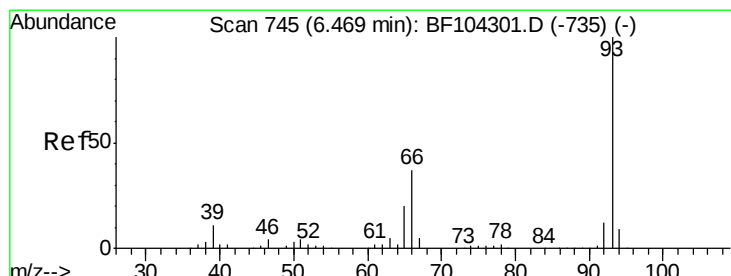
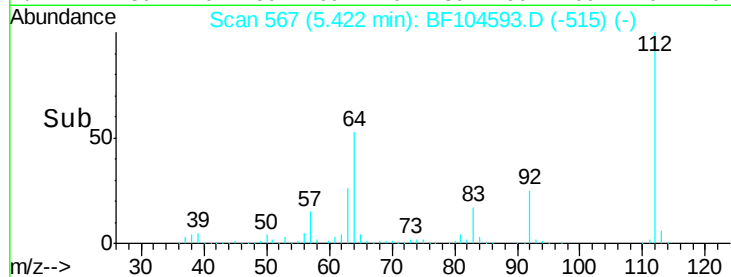
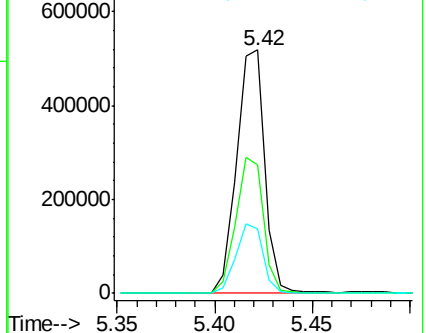
63 26.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.277 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

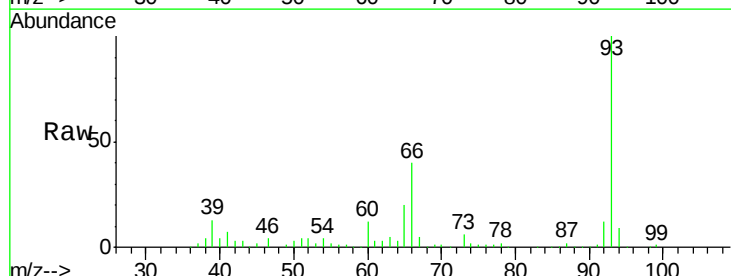
Tgt Ion: 93 Resp: 264539

Ion Ratio Lower Upper

93 100

66 39.7 32.2 48.2

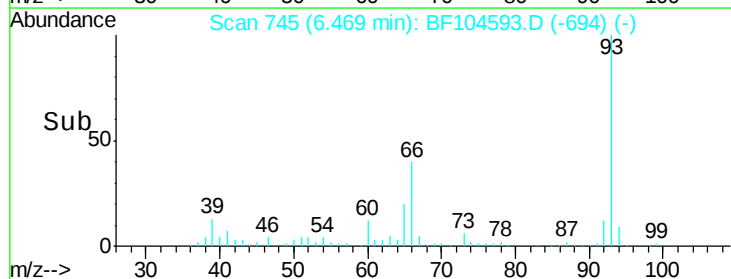
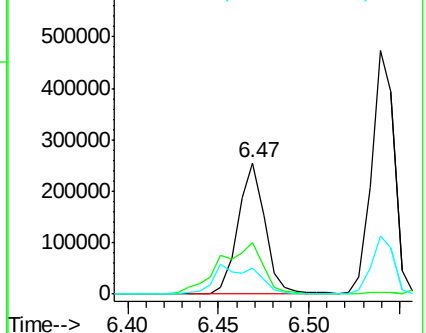
65 19.8 16.4 24.6

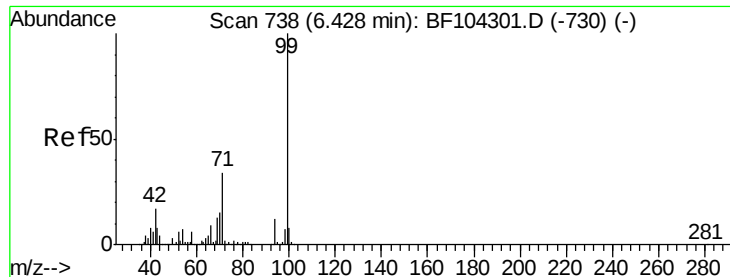


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 36.501 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

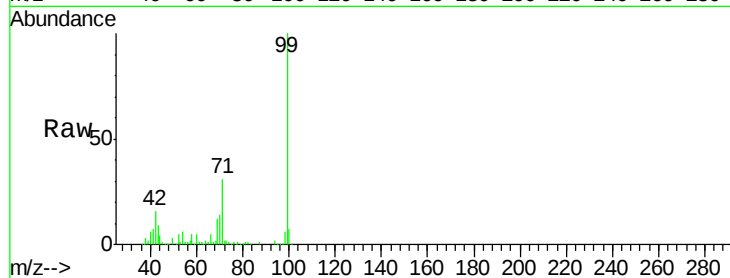
Tot Ion: 99 Resp: 402268

Ion Ratio Lower Upper

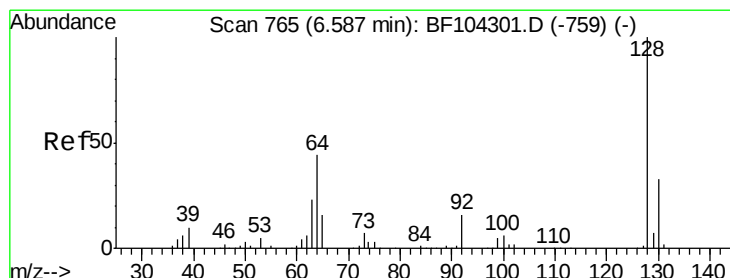
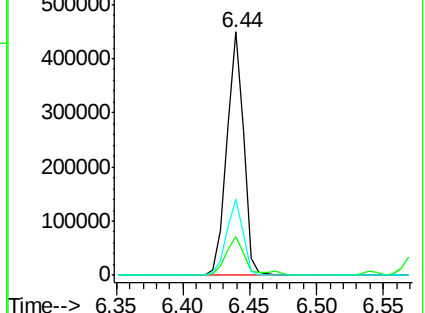
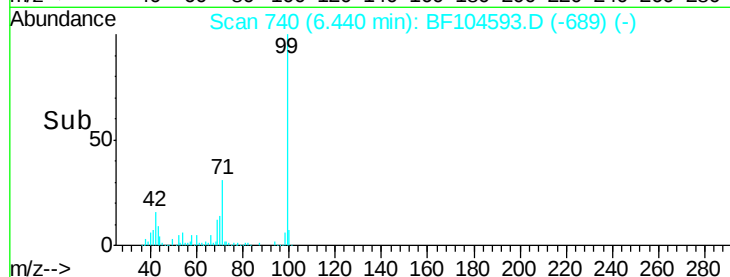
99 100

42 16.2 14.5 21.7

71 31.2 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: 36.302 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

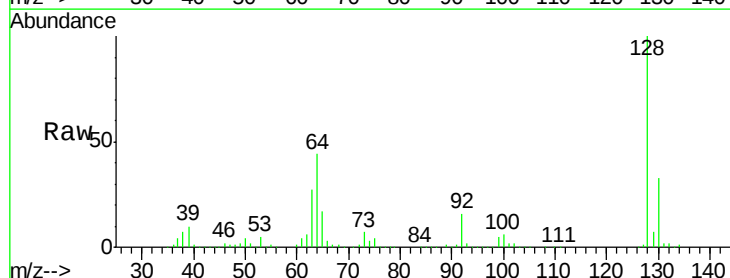
Tgt Ion: 128 Resp: 343677

Ion Ratio Lower Upper

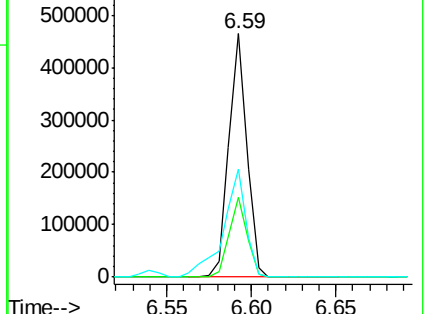
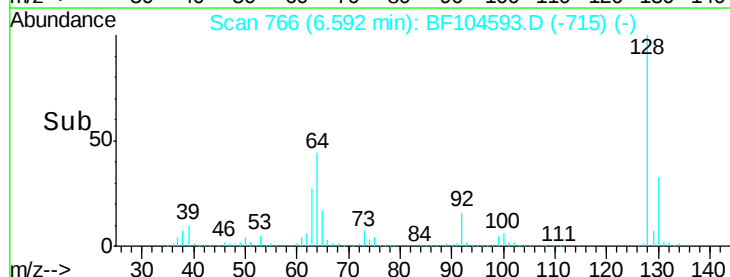
128 100

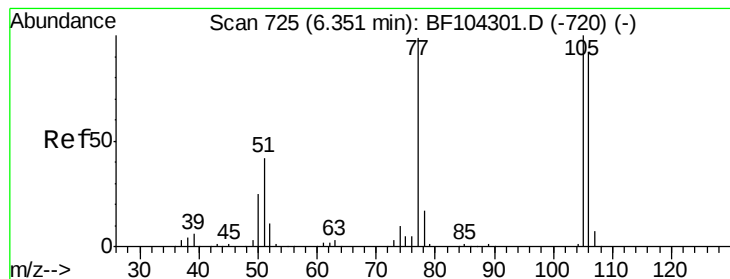
130 32.8 13.0 53.0

64 44.3 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: 51.953 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

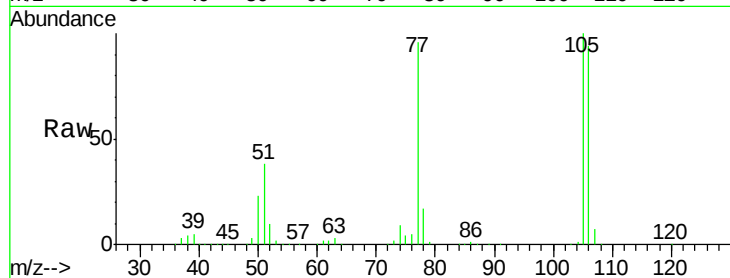
Tot Ion: 77 Resp: 261933

Ion Ratio Lower Upper

77 100

105 104.6 81.1 121.1

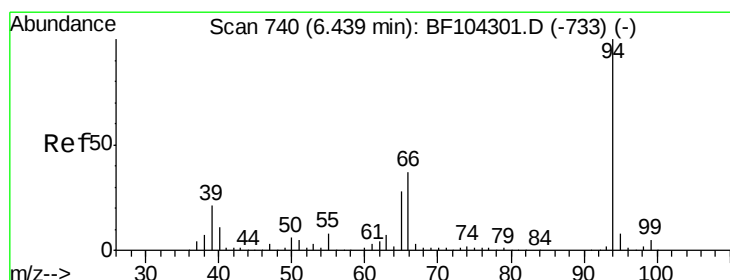
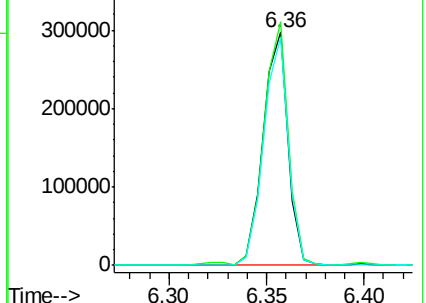
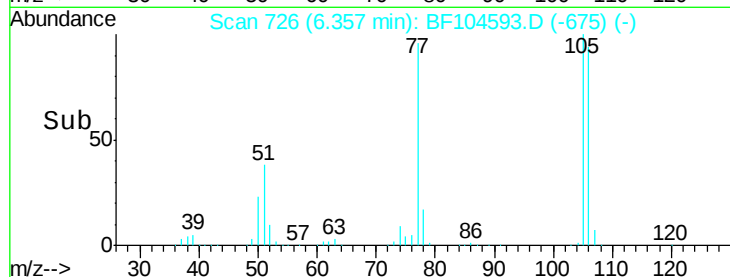
106 98.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 14.720 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

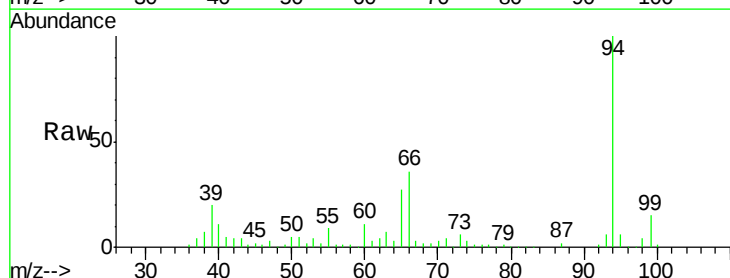
Tgt Ion: 94 Resp: 172125

Ion Ratio Lower Upper

94 100

65 27.3 7.9 47.9

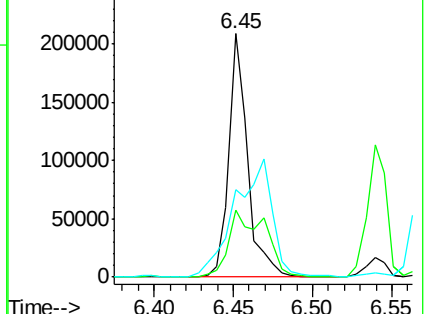
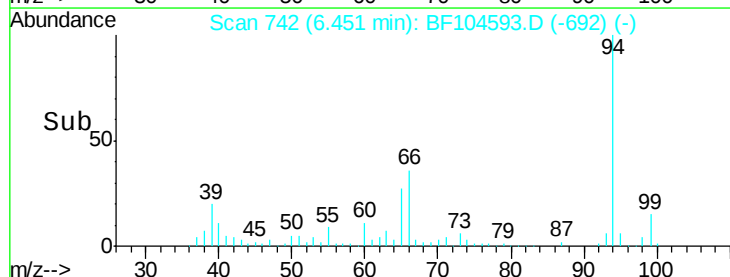
66 36.1 16.2 56.2

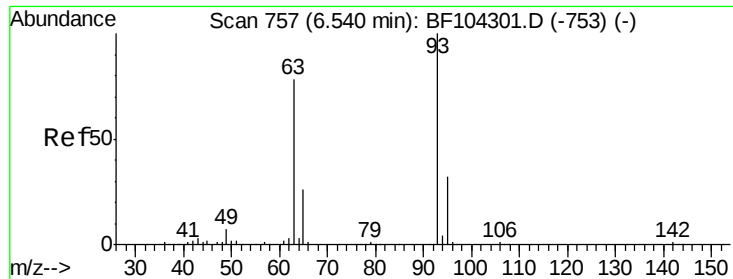


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

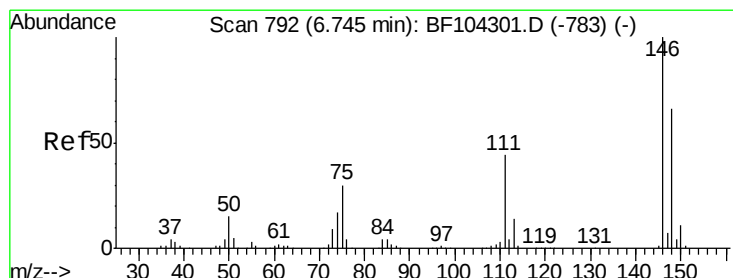
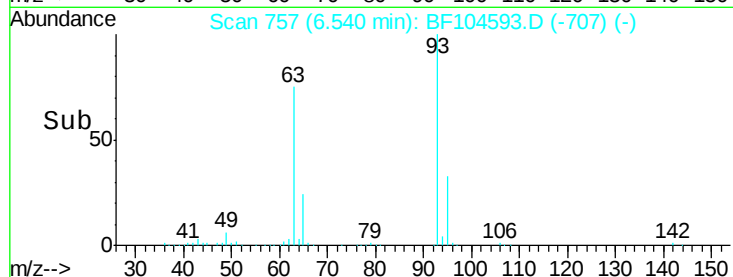
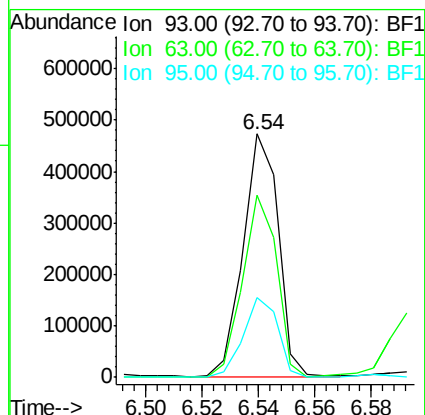
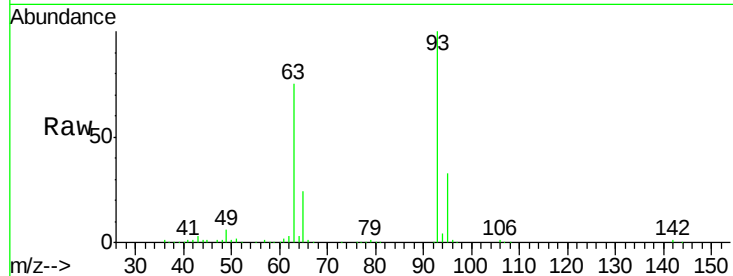




#11
bis(2-Chloroethyl)ether
Concen: 44.211 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

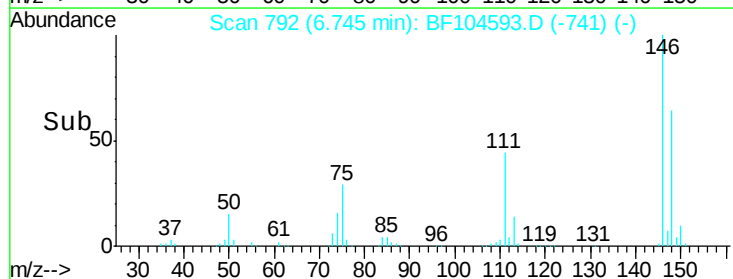
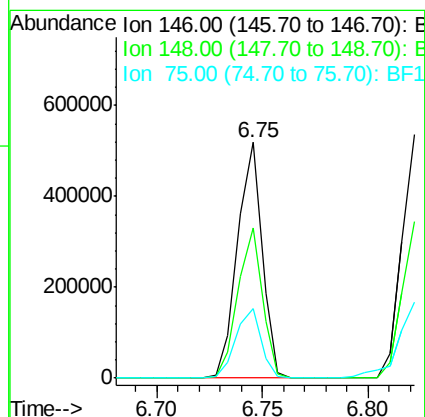
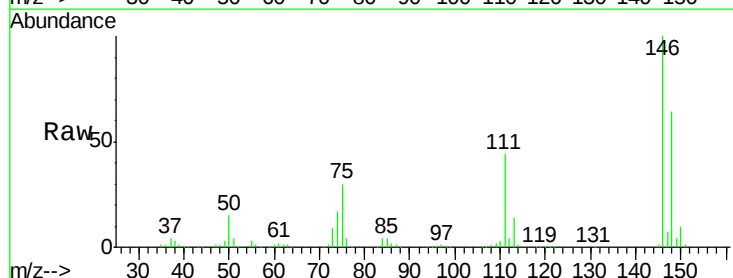
Instrument :
BNA_F
ClientSampleId :

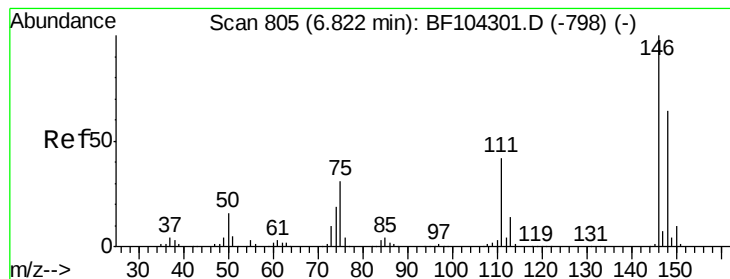
Tot Ion: 93 Resp: 412555
Ion Ratio Lower Upper
93 100
63 74.7 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.920 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion: 146 Resp: 417427
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 29.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.488 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

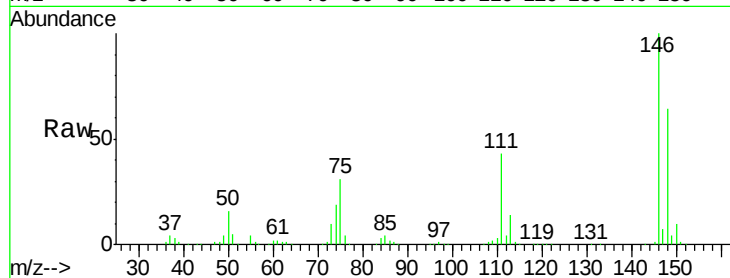
Tot Ion:146 Resp: 422177

Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

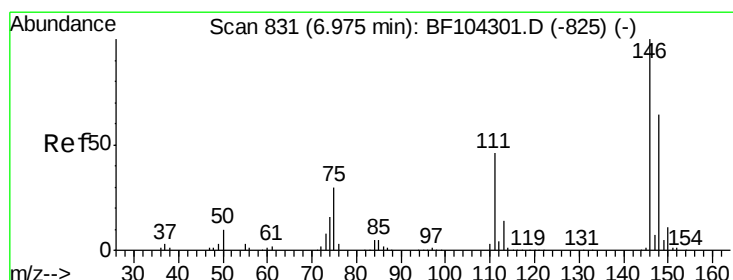
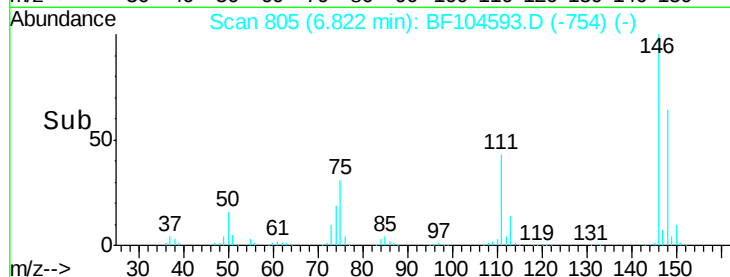
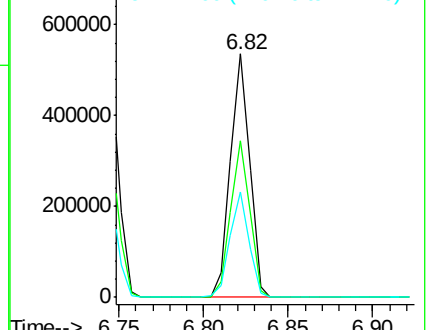
111 43.2 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.220 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

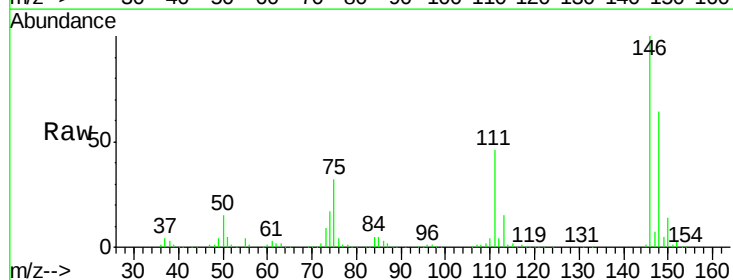
Tgt Ion:146 Resp: 388580

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

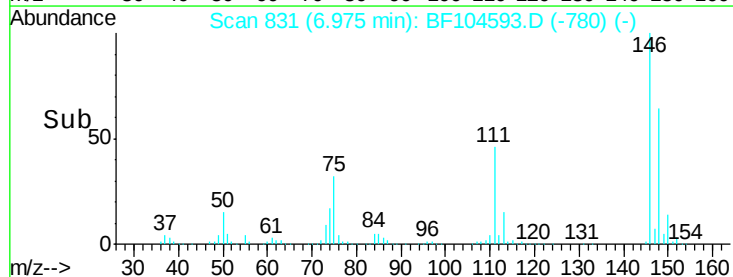
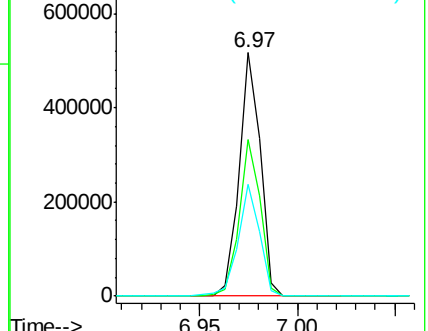
111 46.0 36.0 54.0

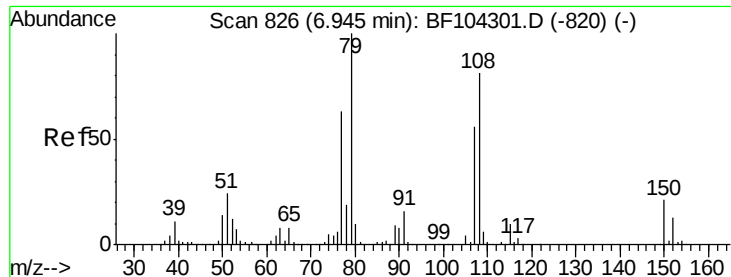


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 27.323 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

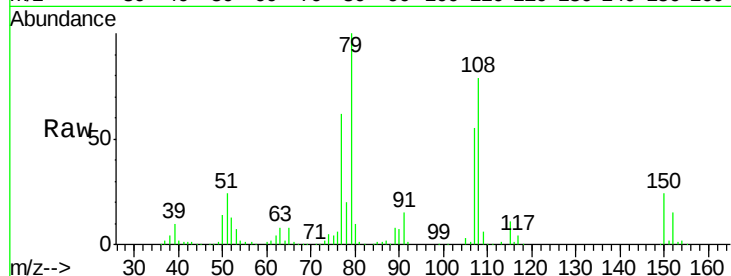
Tot Ion: 79 Resp: 228712

Ion Ratio Lower Upper

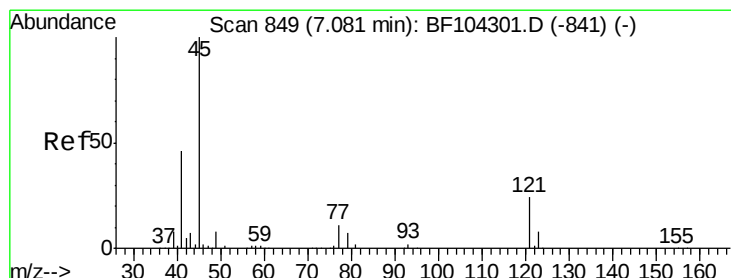
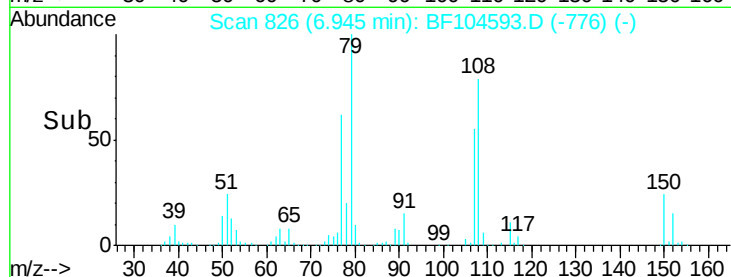
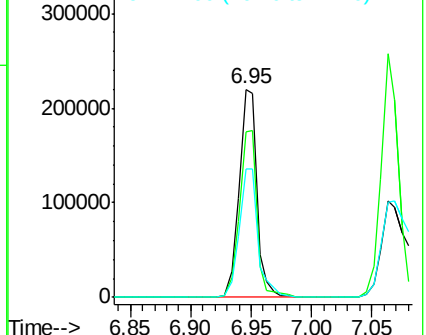
79 100

108 79.5 65.1 97.7

77 61.8 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.275 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

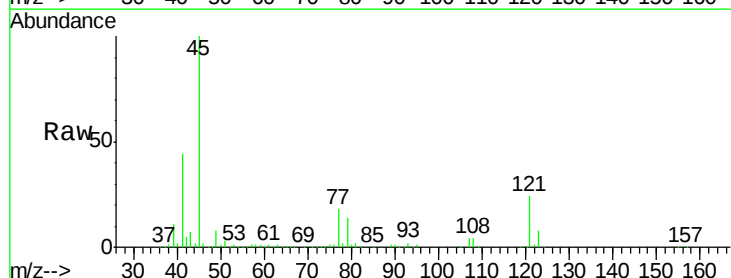
Tgt Ion: 45 Resp: 504714

Ion Ratio Lower Upper

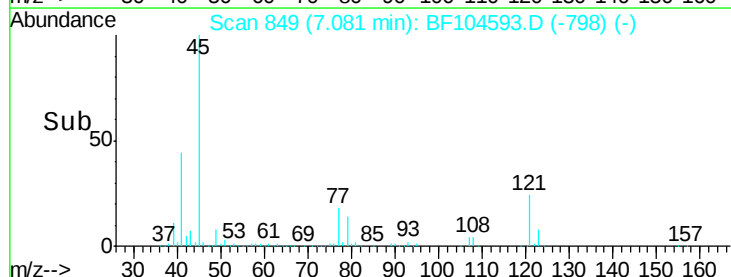
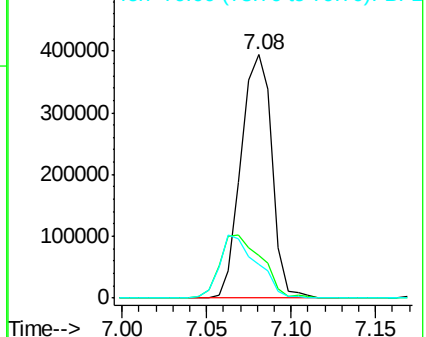
45 100

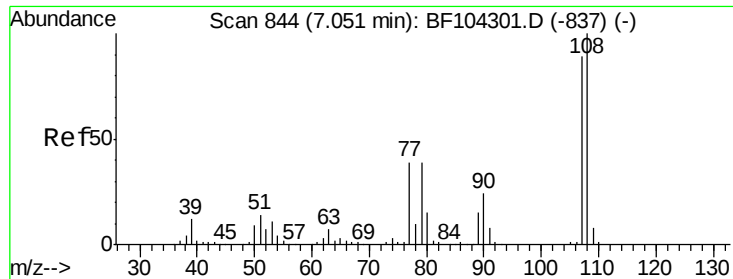
77 17.6 0.0 32.9

79 13.9 0.0 29.6



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

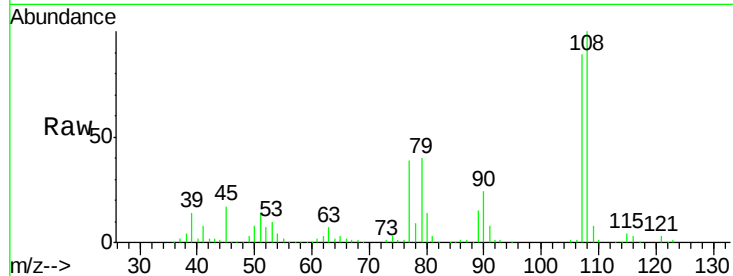




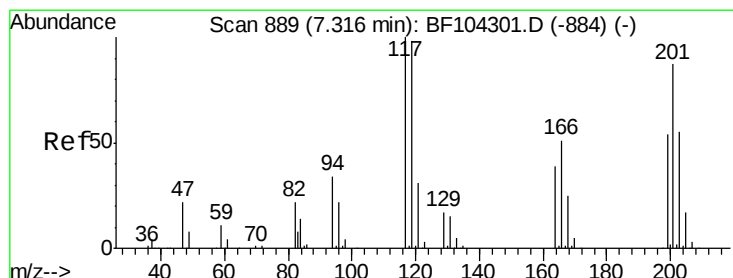
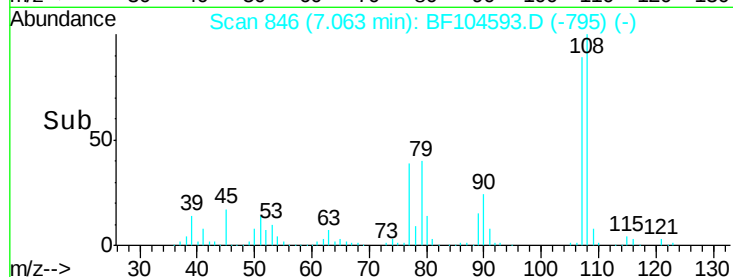
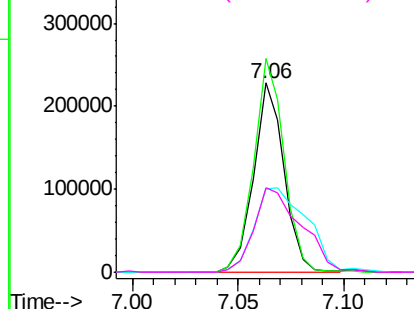
#17
2-Methylphenol
Concen: 27.864 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	229310
Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.7	137.5
77	44.3	33.8	50.8
79	44.8	33.8	50.8

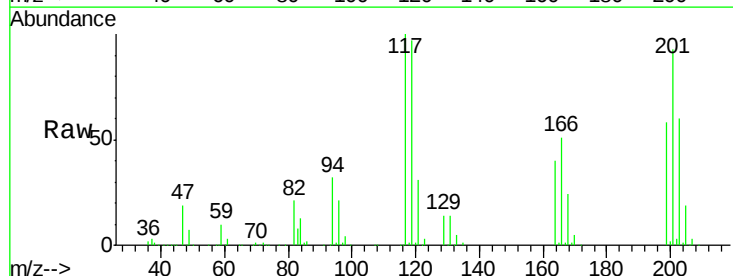


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

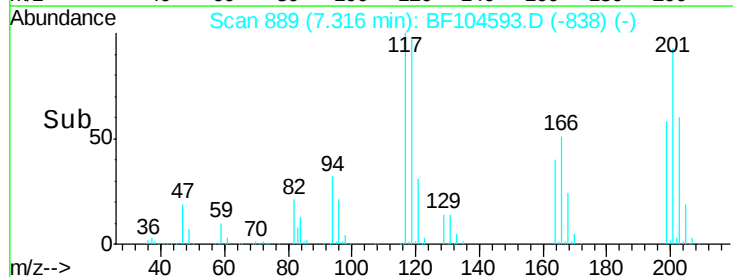
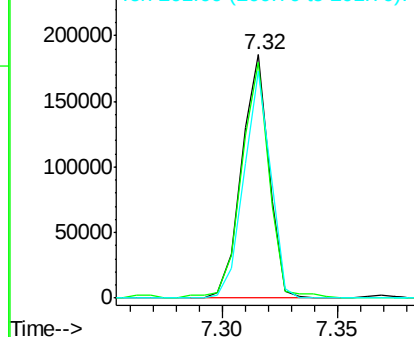


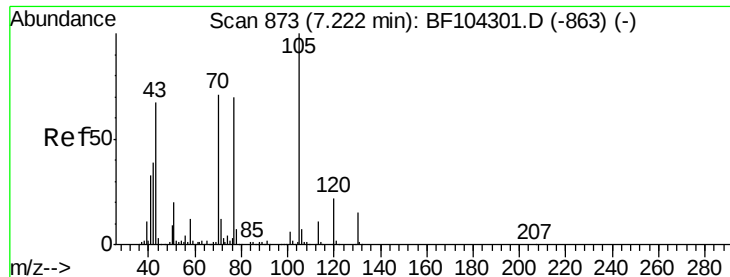
#18
Hexachloroethane
Concen: 40.171 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion:	117	Resp:	153127
Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.8
201	93.1	75.7	113.5



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

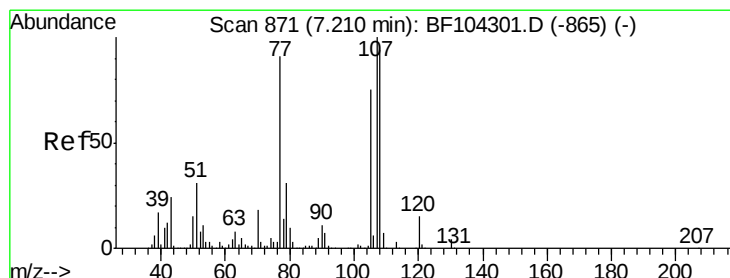
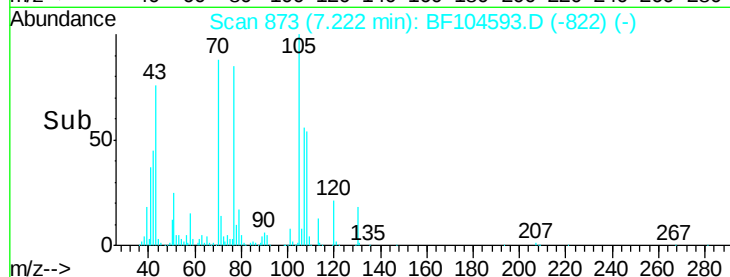
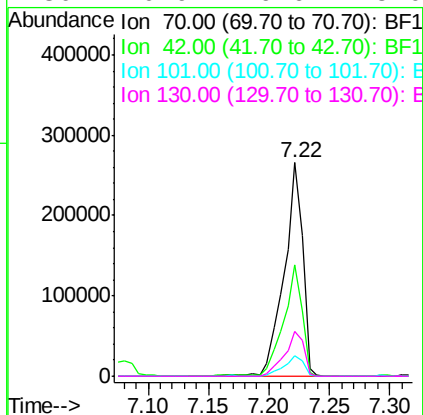
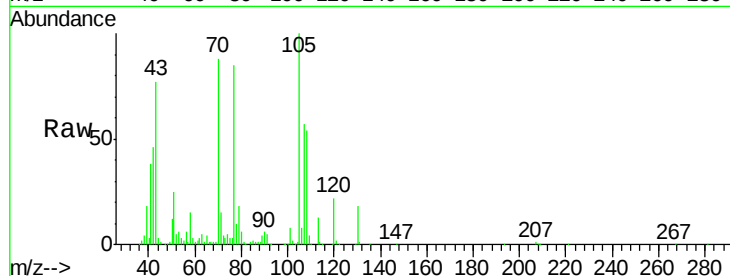




#19
n-Nitroso-di-n-propylamine
Concen: 39.228 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

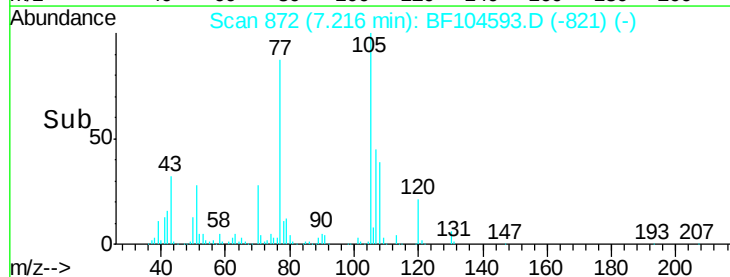
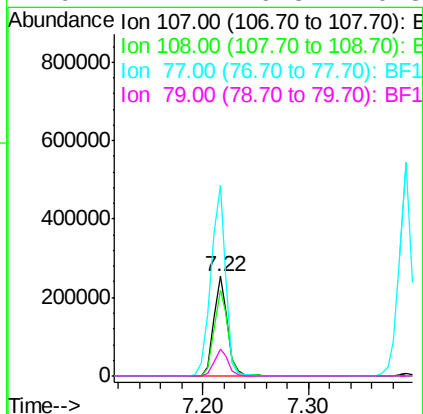
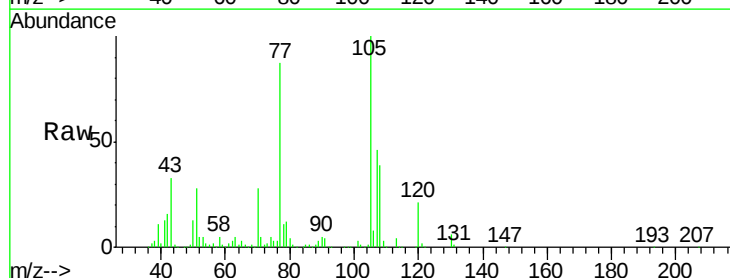
Instrument :
BNA_F
ClientSampleId :

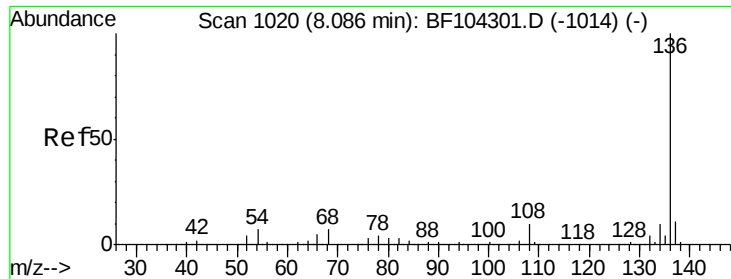
Tot Ion:	70	Resp:	282510
Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	9.3	7.4	11.2
130	20.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 23.260 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion:	107	Resp:	237406
Ion	Ratio	Lower	Upper
107	100		
108	86.3	68.2	108.2
77	190.7	26.7	66.7#
79	27.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 549900

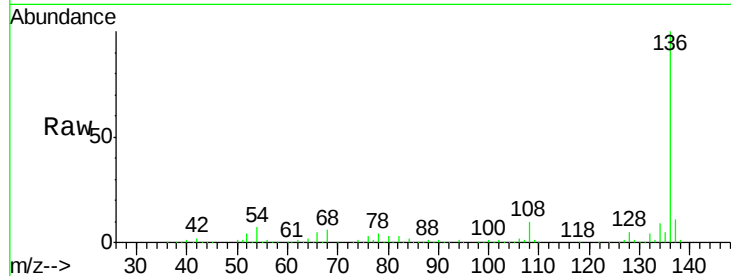
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.5 6.6 9.8#

68 5.8 5.0 7.4

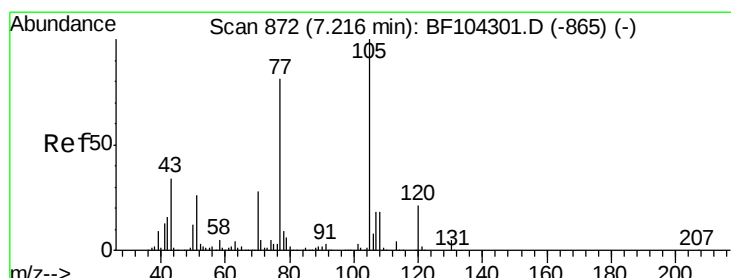
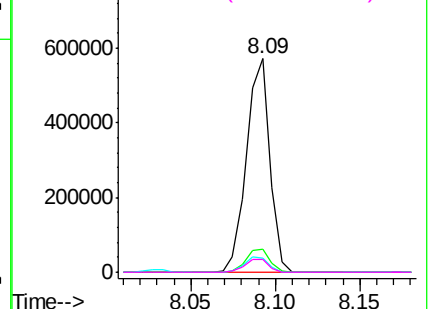
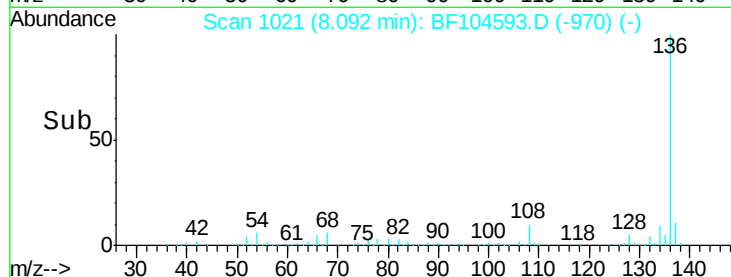


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.922 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Tgt Ion:105 Resp: 554013

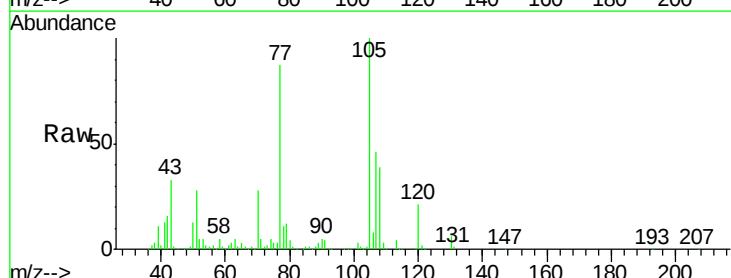
Ion Ratio Lower Upper

105 100

71 4.8 4.4 6.6

51 28.2 22.3 33.5

120 20.9 16.9 25.3

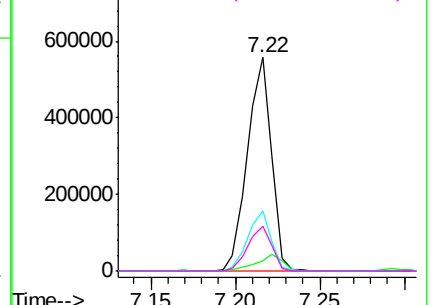
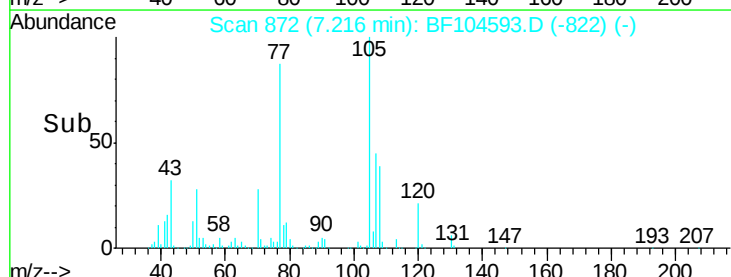


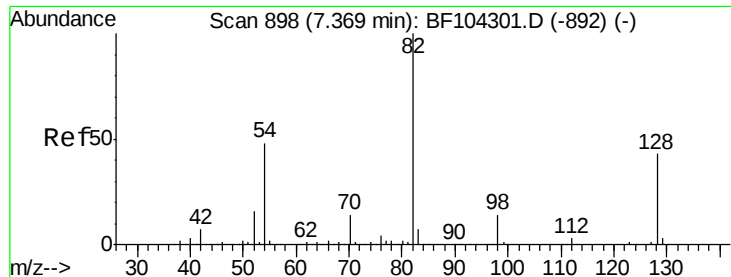
Abundance Ion 105.00 (104.70 to 105.70): E

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

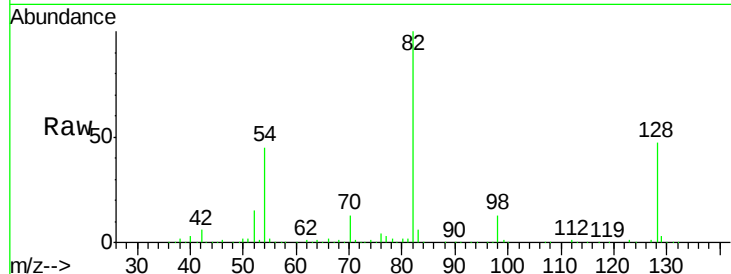




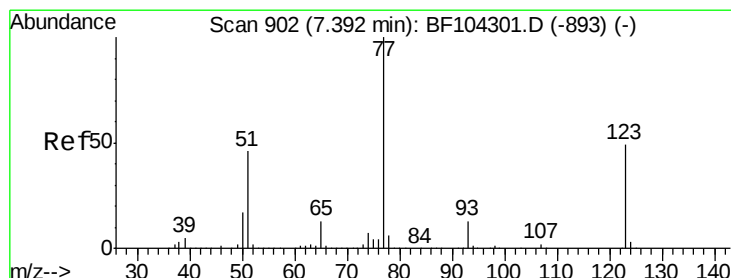
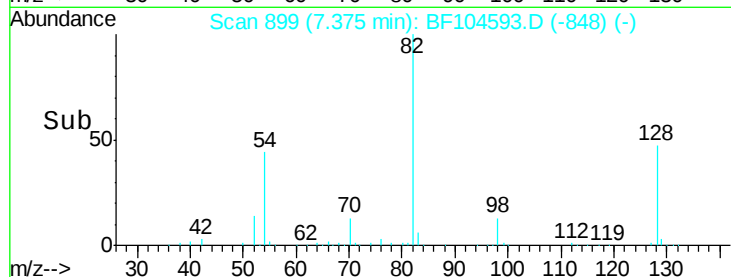
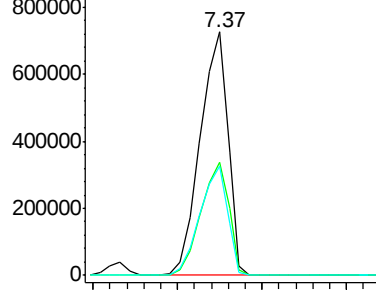
#23
Nitrobenzene-d5
Concen: 98.490 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 829419
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 44.7 41.4 62.2

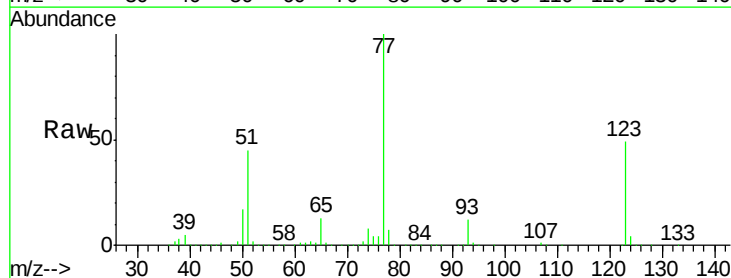


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

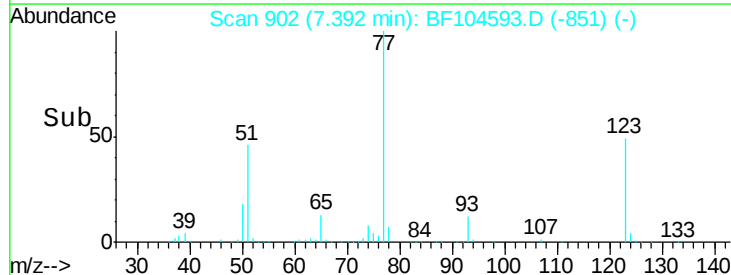
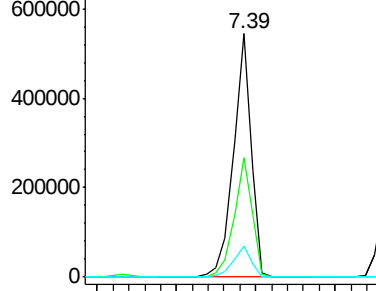


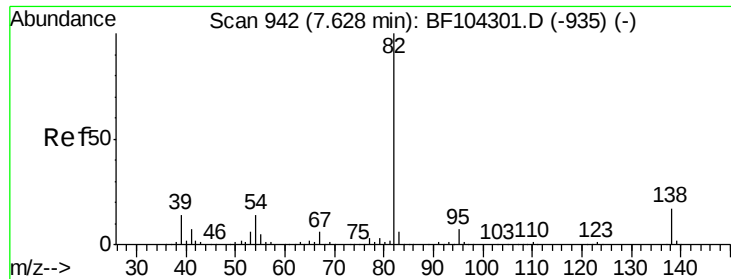
#24
Nitrobenzene
Concen: 46.068 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion: 77 Resp: 428333
Ion Ratio Lower Upper
77 100
123 49.2 37.9 56.9
65 12.8 11.0 16.4



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





#25

Isophorone

Concen: 44.933 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

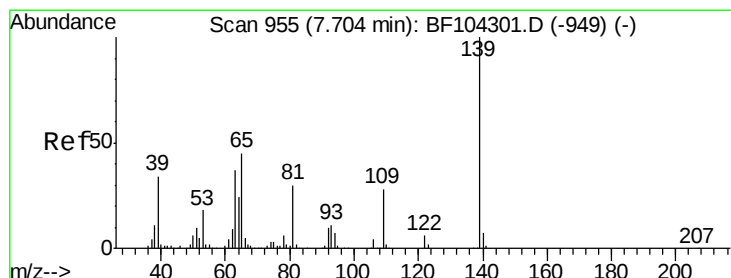
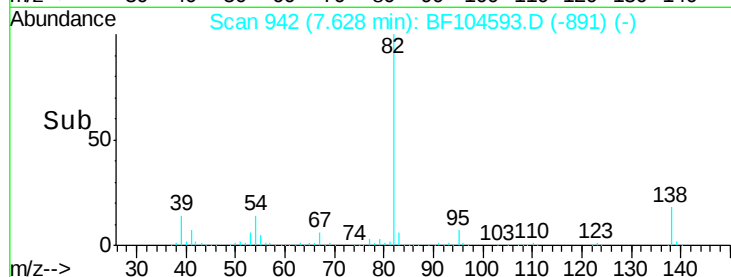
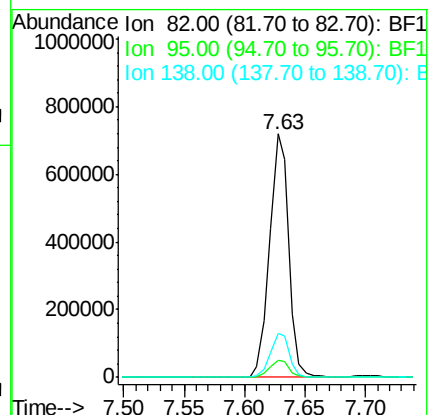
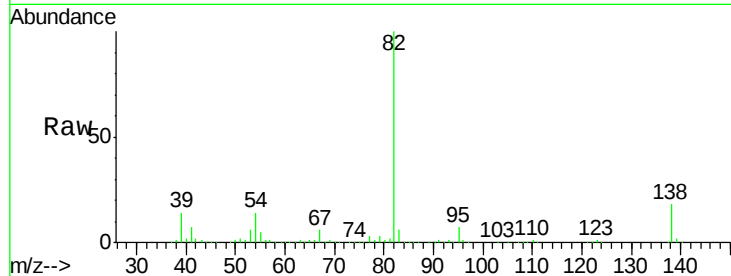
Tot Ion: 82 Resp: 800170

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 17.9 14.9 22.3



#26

2-Nitrophenol

Concen: 58.528 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

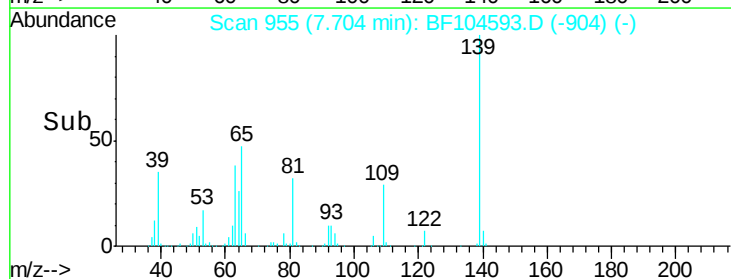
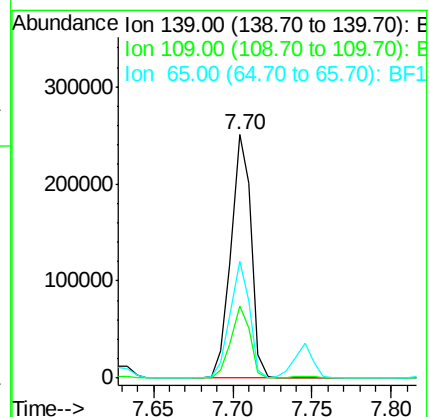
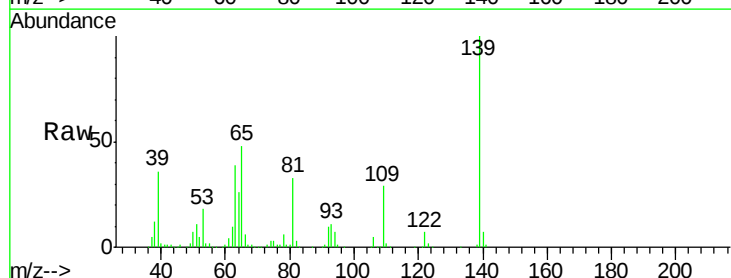
Tgt Ion: 139 Resp: 221535

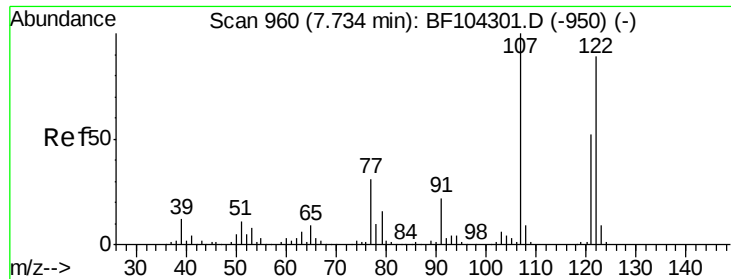
Ion Ratio Lower Upper

139 100

109 29.4 22.7 34.1

65 48.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.001 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampled :

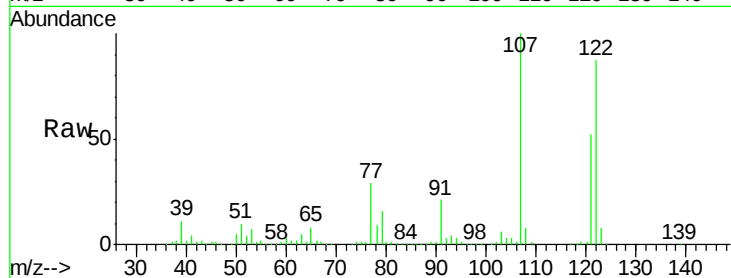
Tot Ion:122 Resp: 322238

Ion Ratio Lower Upper

122 100

107 114.9 91.2 136.8

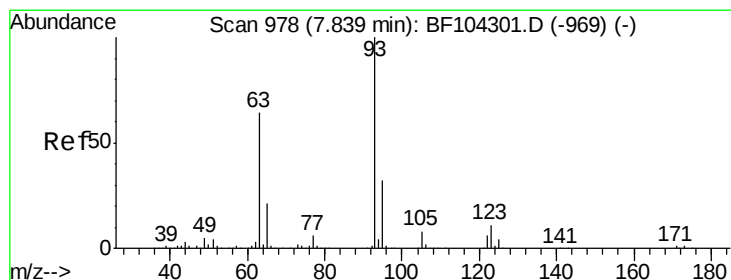
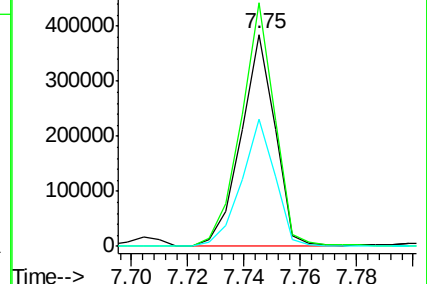
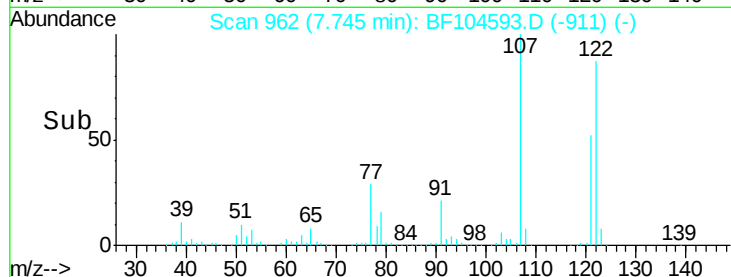
121 60.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.783 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

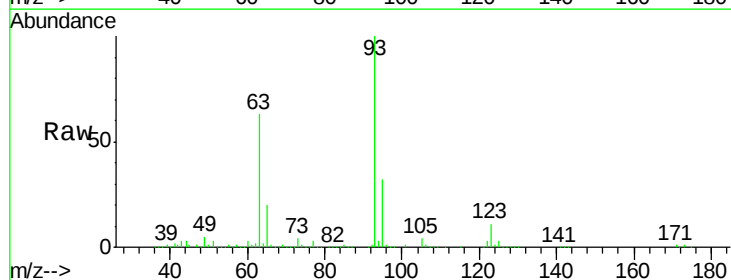
Tgt Ion: 93 Resp: 509381

Ion Ratio Lower Upper

93 100

95 32.3 26.3 39.5

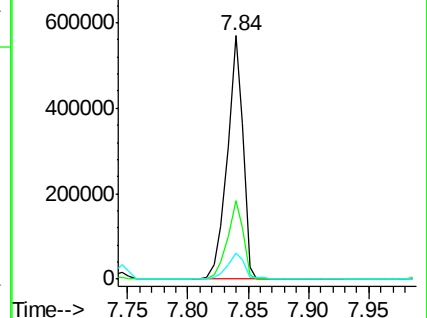
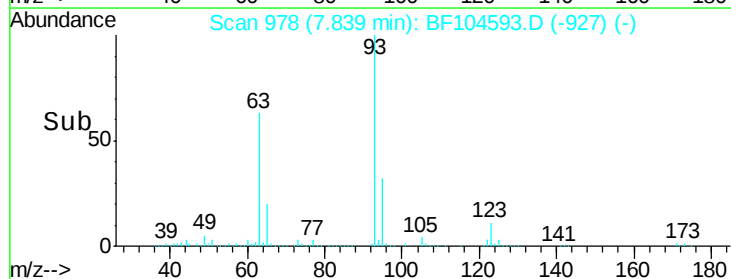
123 10.9 9.8 14.6

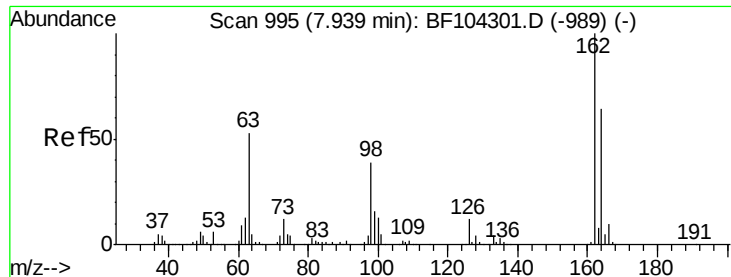


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

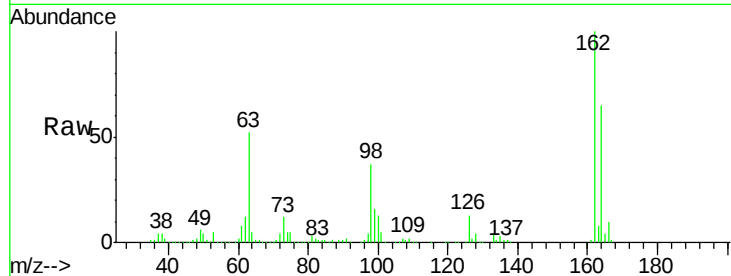




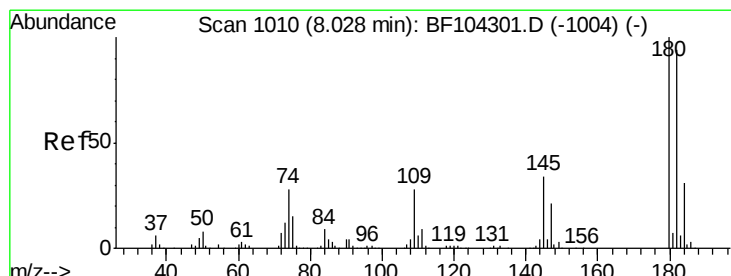
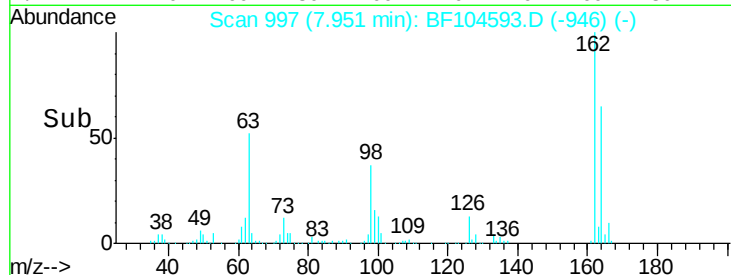
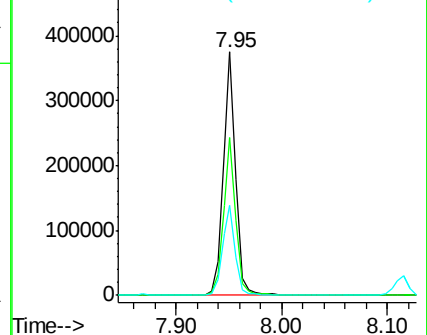
#29
2,4-Dichlorophenol
Concen: 42.099 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.7	82.7
98	37.2	18.1	58.1

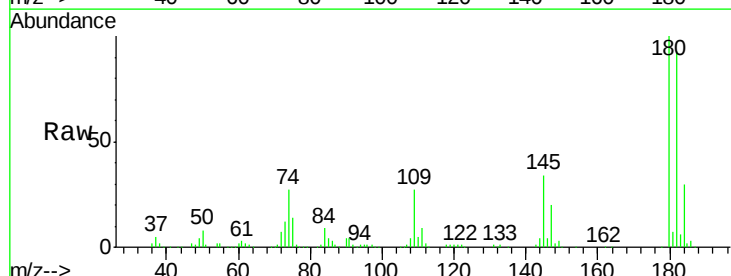


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

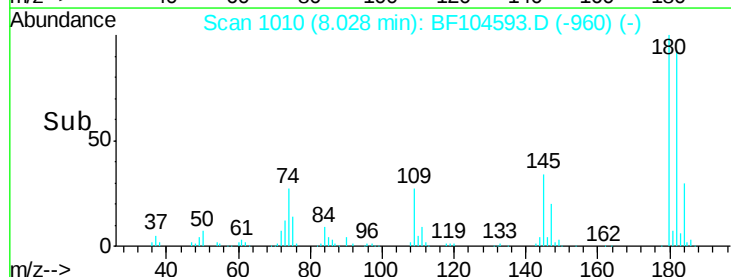
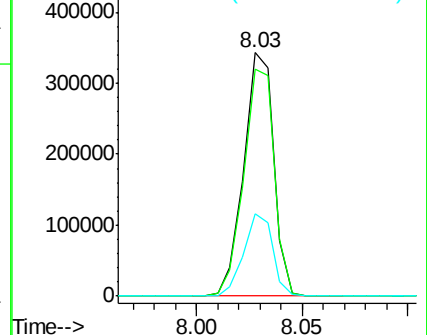


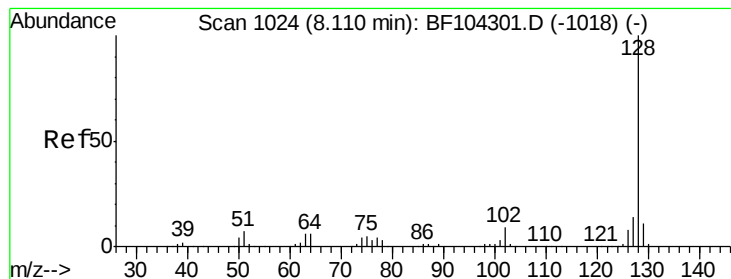
#30
1,2,4-Trichlorobenzene
Concen: 40.965 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.8	115.2
145	33.9	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: 70.709 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

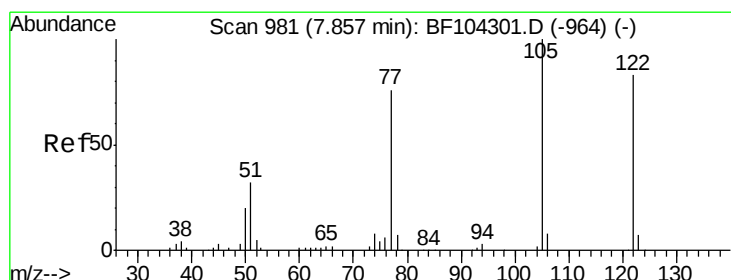
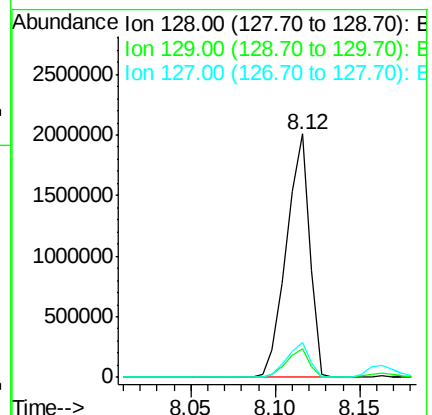
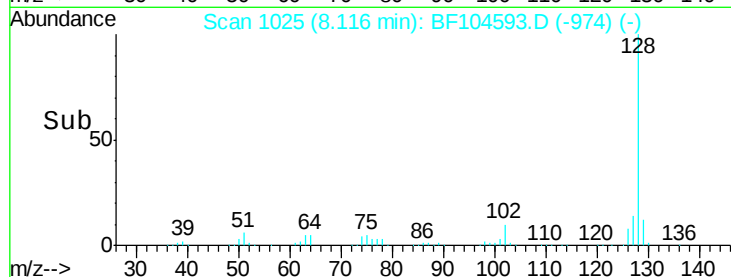
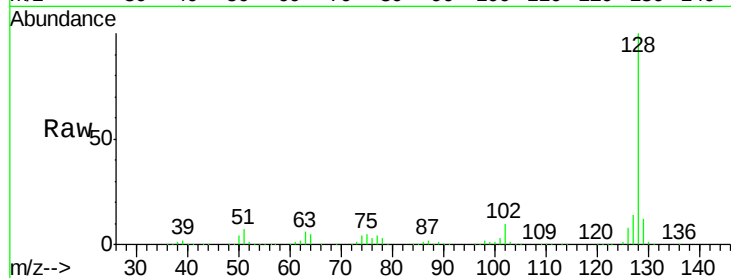
Tot Ion:128 Resp: 1936165

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

127 14.1 10.9 16.3



#32

Benzoic acid

Concen: 14.888 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

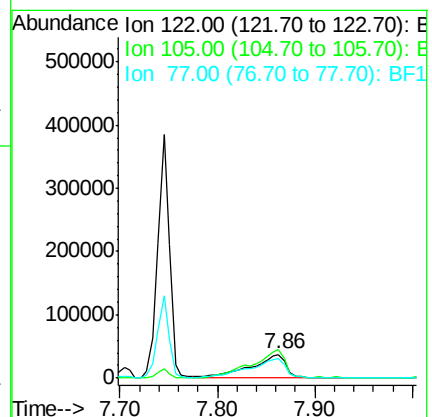
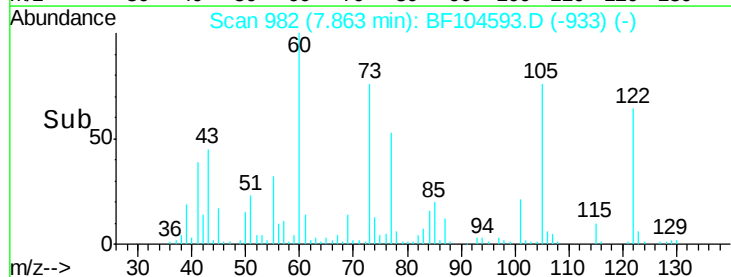
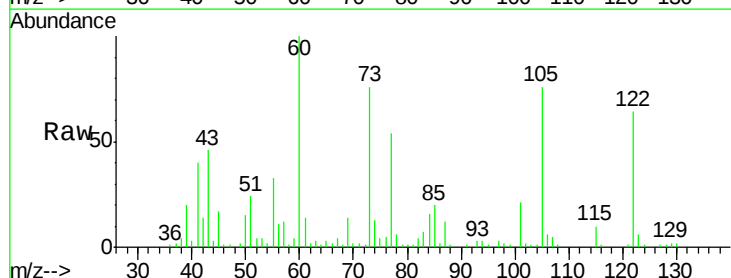
Tgt Ion:122 Resp: 93363

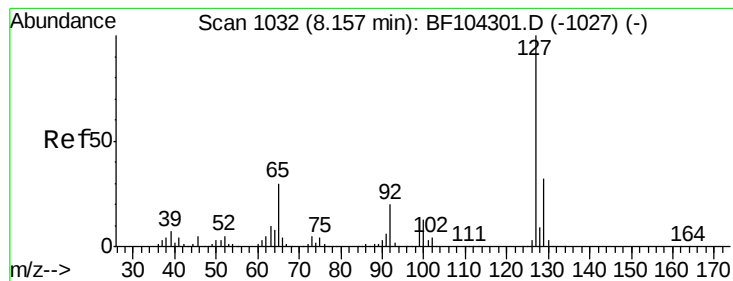
Ion Ratio Lower Upper

122 100

105 118.3 101.1 141.1

77 84.5 70.7 110.7





#33

4-Chloroaniline

Concen: 11.607 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 136162

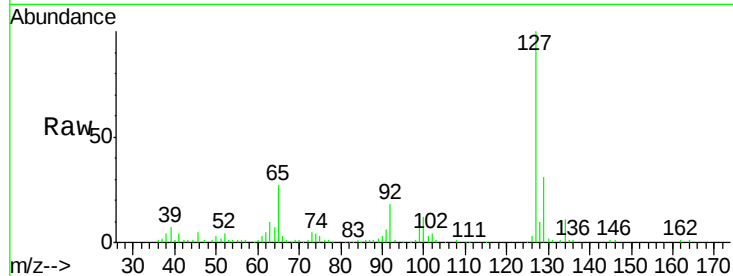
Ion Ratio Lower Upper

127 100

129 31.4 25.9 38.9

65 26.7 25.0 37.4

92 17.9 15.2 22.8

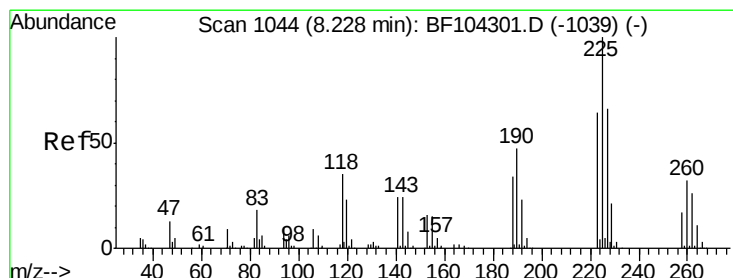
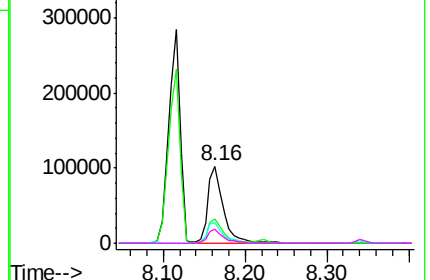
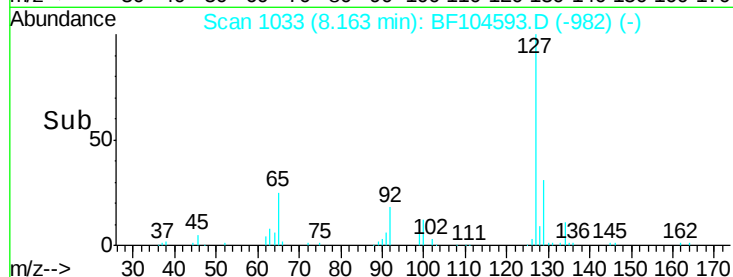


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.749 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

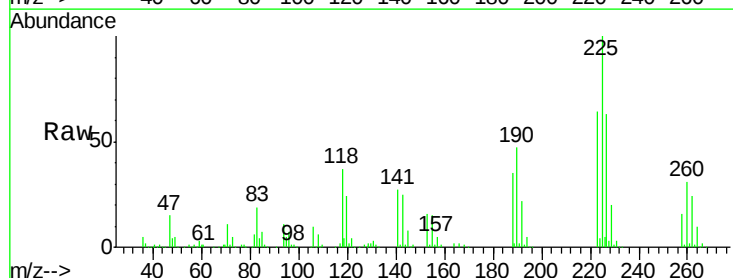
Tgt Ion:225 Resp: 179178

Ion Ratio Lower Upper

225 100

223 64.3 50.6 76.0

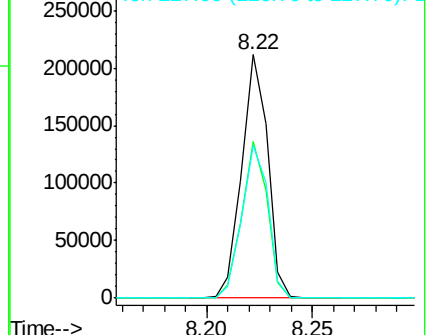
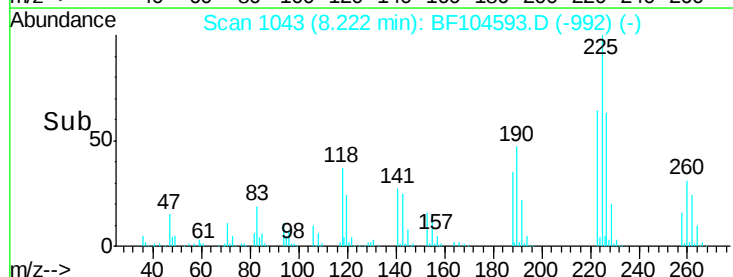
227 62.8 51.9 77.9

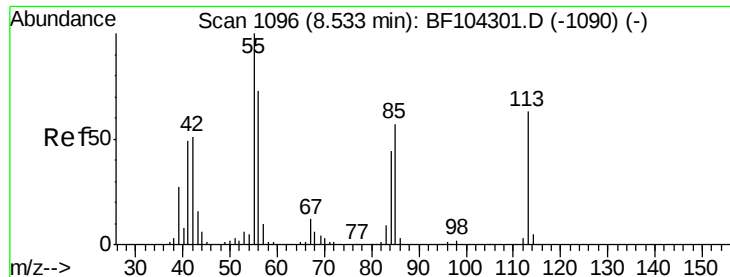


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

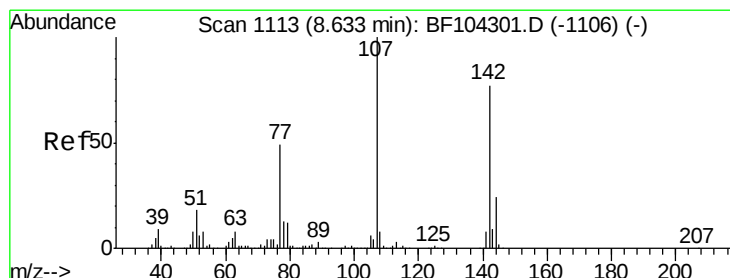
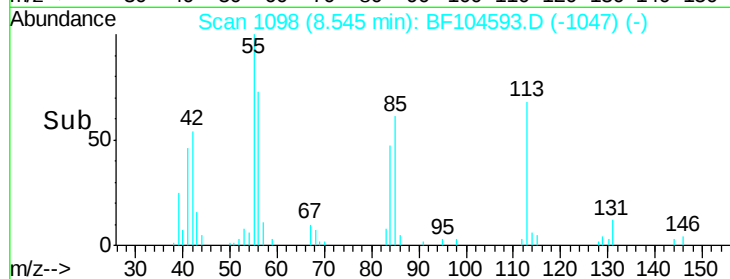
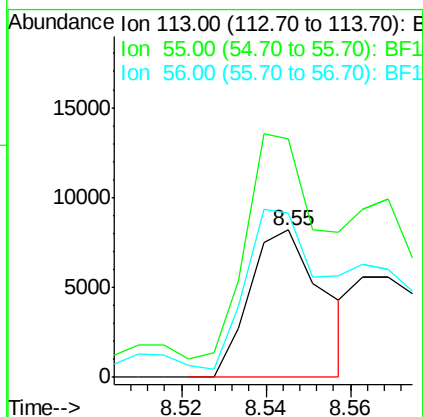
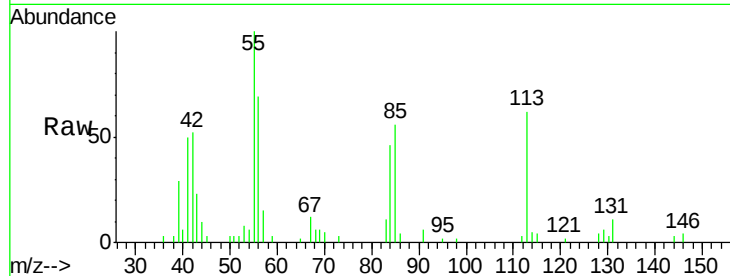




#35
 Caprolactam
 Concen: 3.765 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

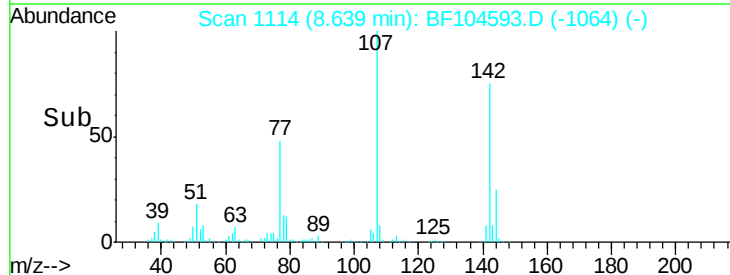
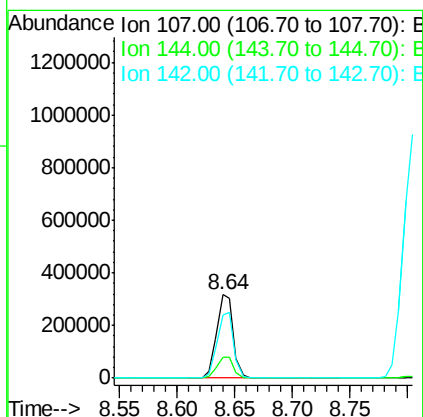
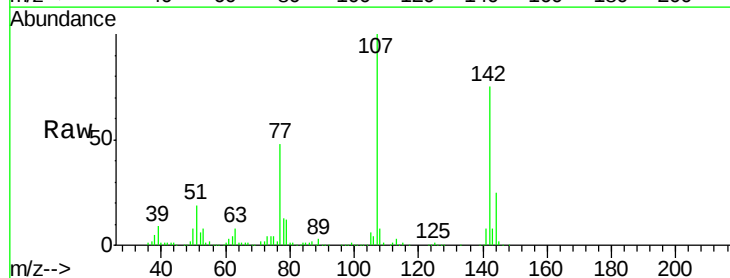
Instrument :
 BNA_F
 ClientSampled :

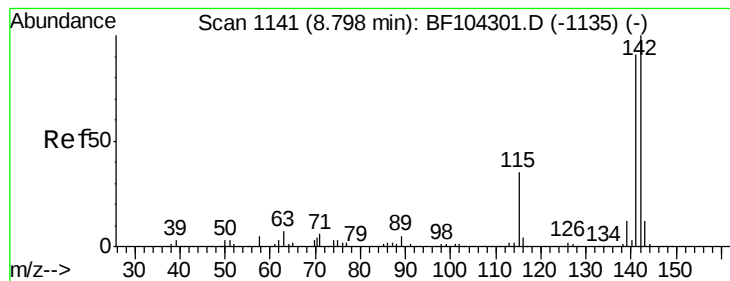
Tot Ion:113 Resp: 9848
 Ion Ratio Lower Upper
 113 100
 55 162.5 163.3 203.3#
 56 112.0 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.002 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Tgt Ion:107 Resp: 313609
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 75.4 62.0 93.0





#37

2-Methylnaphthalene

Concen: 45.448 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

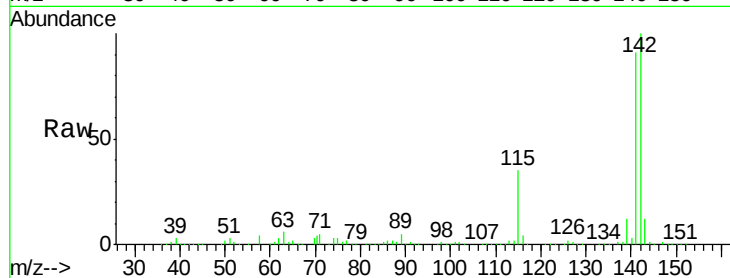
Tot Ion:142 Resp: 804980

Ion Ratio Lower Upper

142 100

141 91.1 70.8 106.2

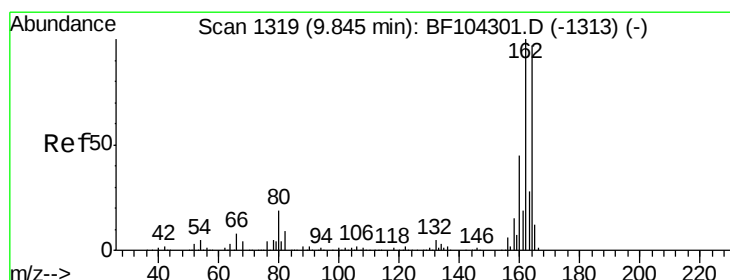
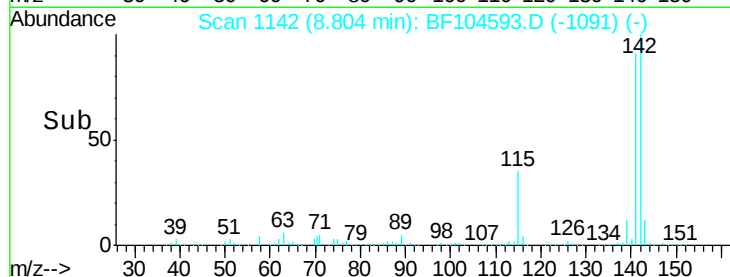
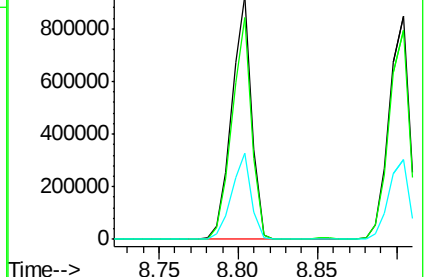
115 35.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

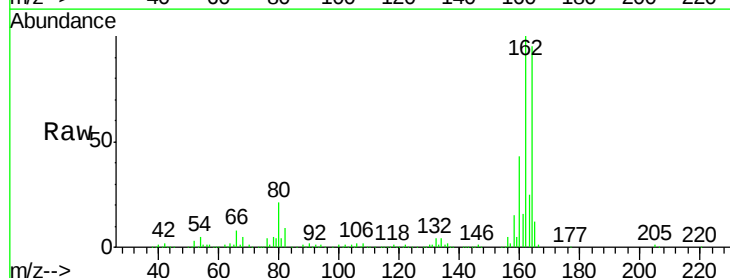
Tgt Ion:164 Resp: 244867

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

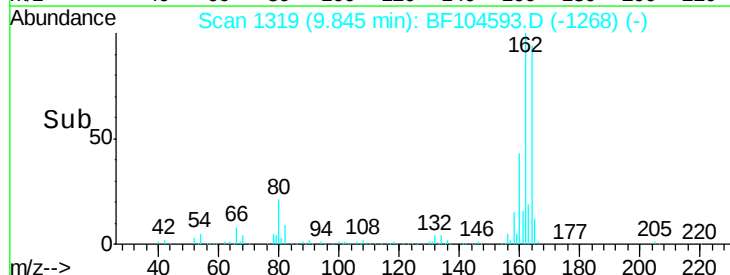
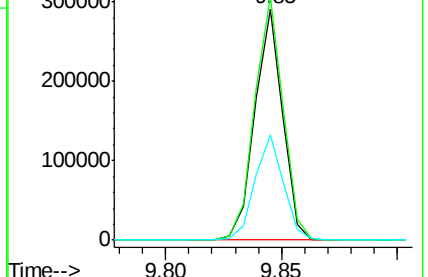
160 45.7 38.3 57.5

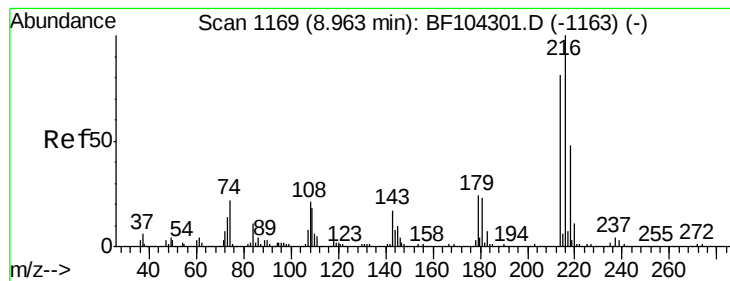


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.184 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 316716

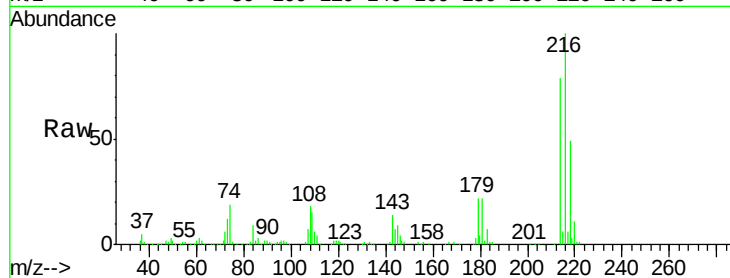
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.3 18.1 27.1

108 21.8 17.2 25.8

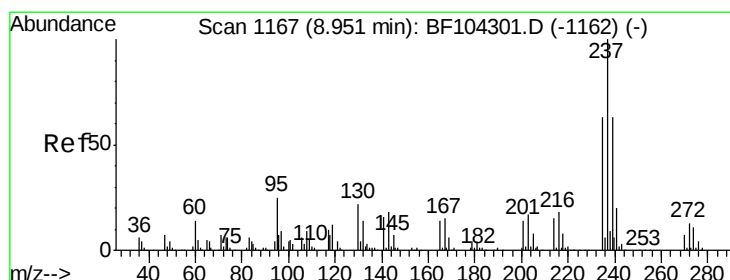
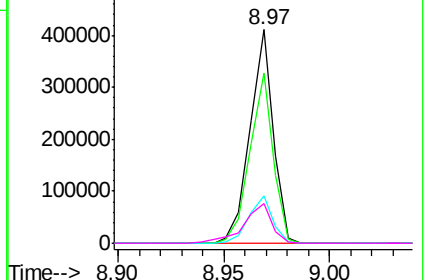
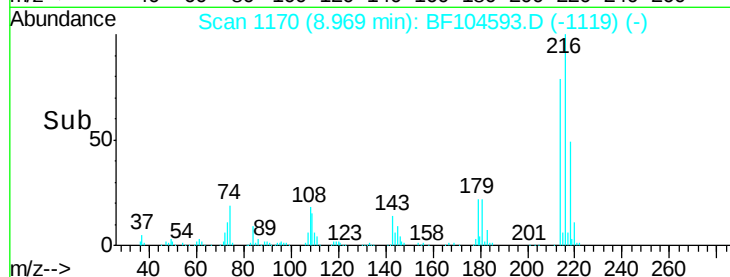


Abundance Ion 216.00 (215.70 to 216.70): E

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: 57.730 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

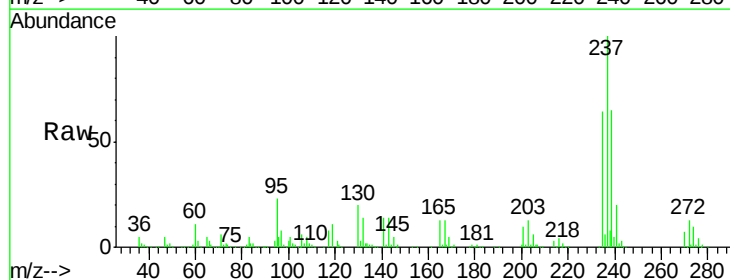
Tgt Ion:237 Resp: 226543

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

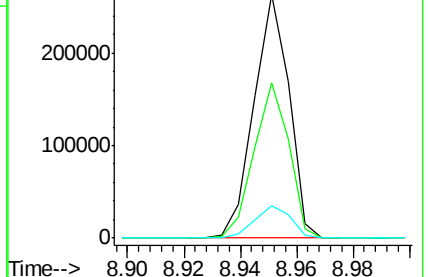
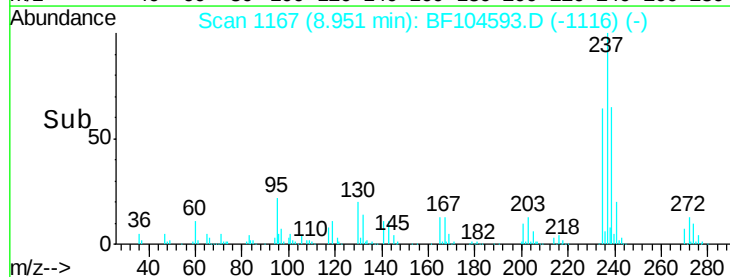
272 13.4 0.0 33.3

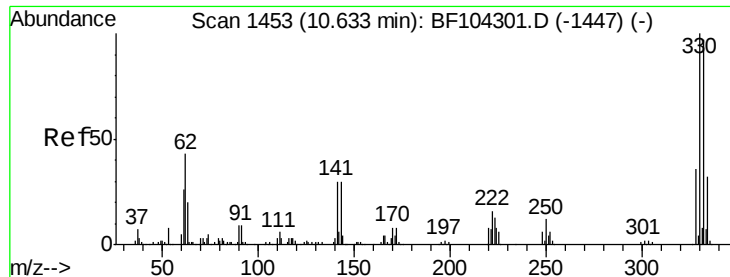


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

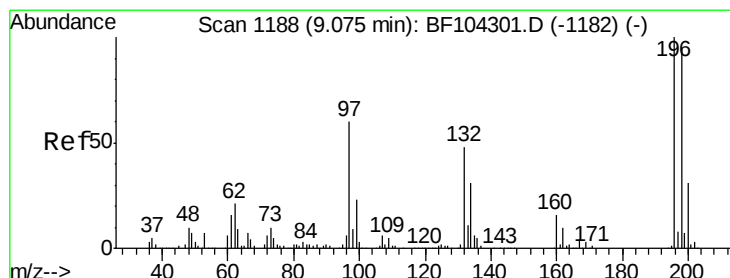
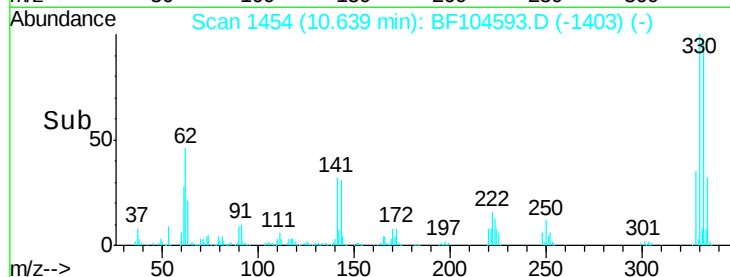
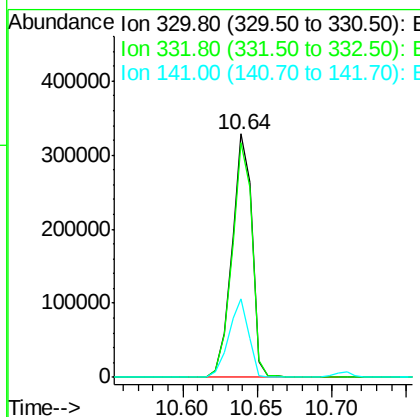
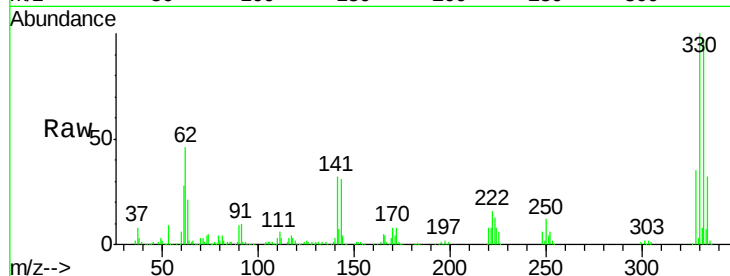




#41
 2,4,6-Tribromophenol
 Concen: 122.797 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

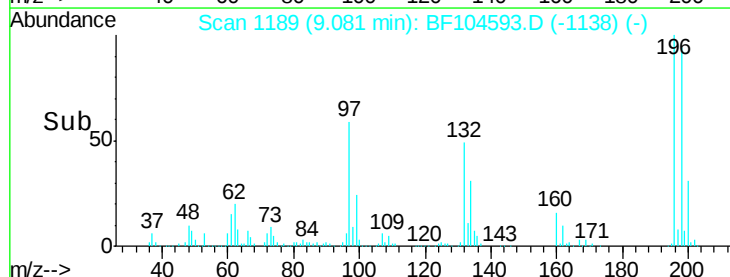
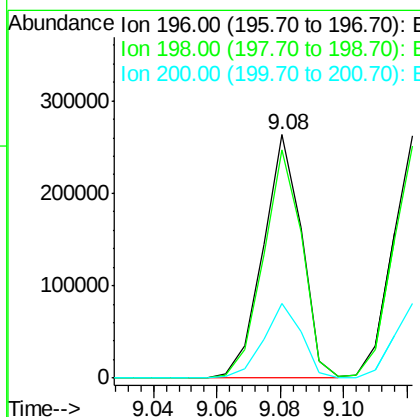
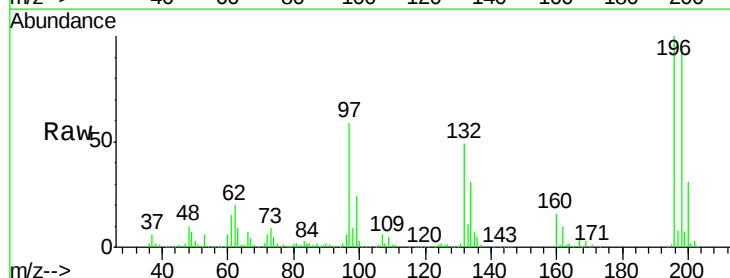
Instrument :
 BNA_F
 ClientSampled :

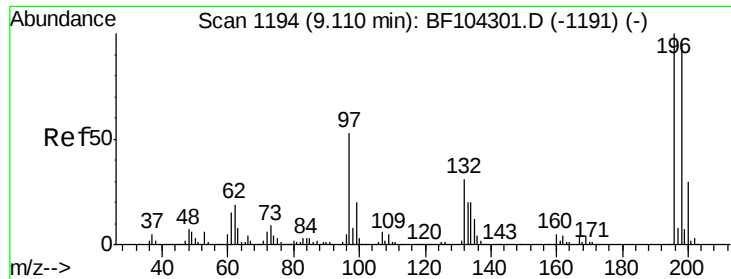
Tot Ion	330	Resp	311913
Ion Ratio	100	Lower	Upper
330	100	77.0	115.6
332	96.9	29.9	44.9
141	32.2		



#42
 2,4,6-Trichlorophenol
 Concen: 45.641 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Tgt Ion	196	Resp	222086
Ion Ratio	100	Lower	Upper
196	100	75.7	113.5
198	94.0	24.5	36.7
200	30.6		

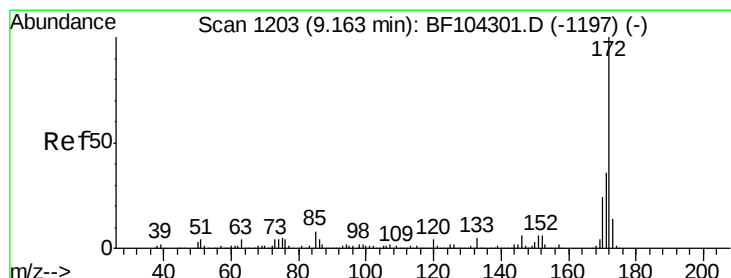
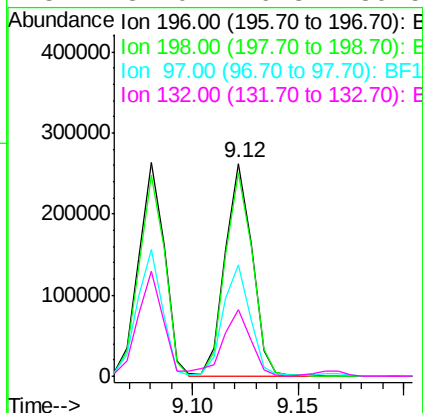
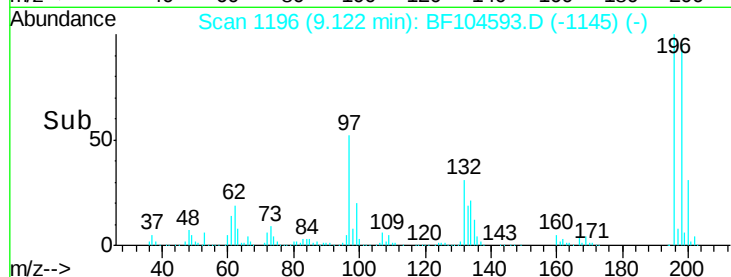
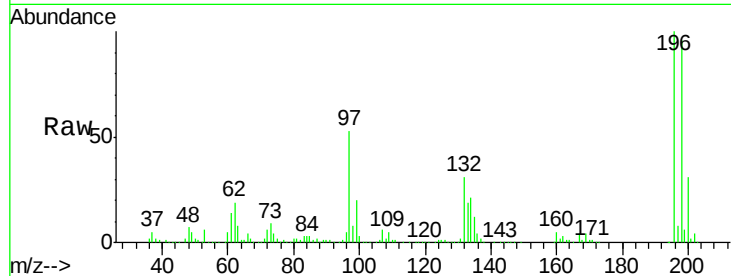




#43
 2,4,5-Trichlorophenol
 Concen: 42.802 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

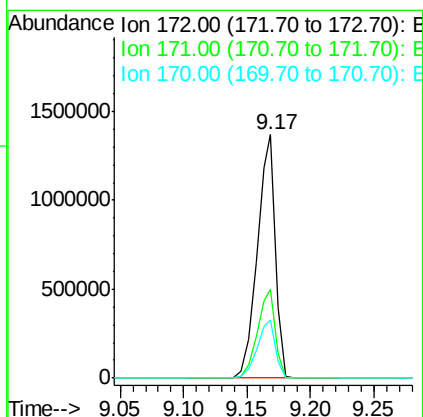
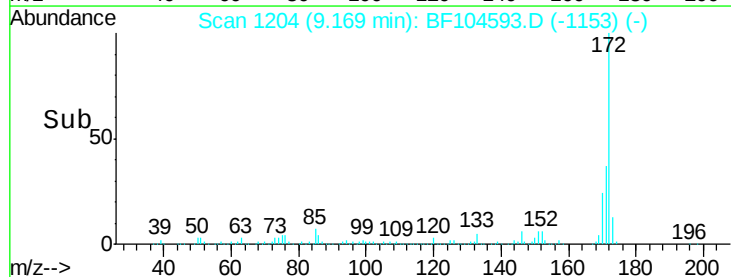
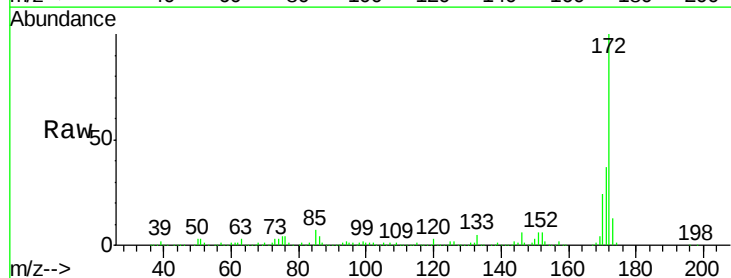
Instrument :
 BNA_F
 ClientSampleId :

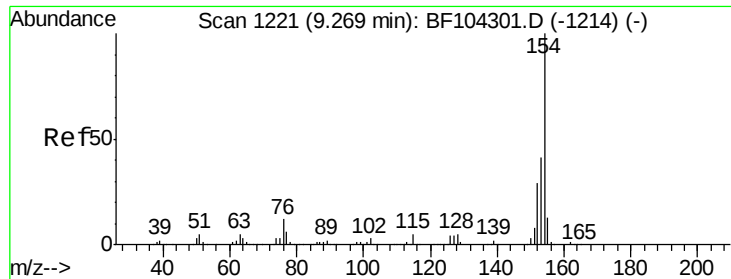
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	52.6	42.9	64.3
132	31.0	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 88.154 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

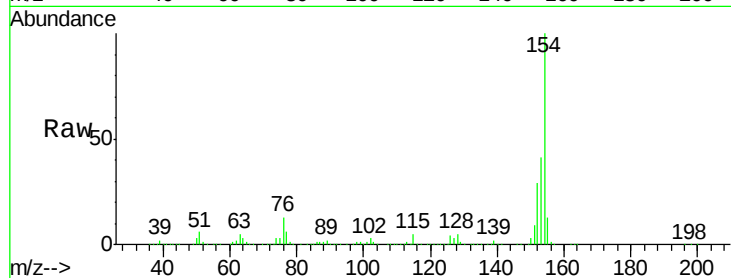




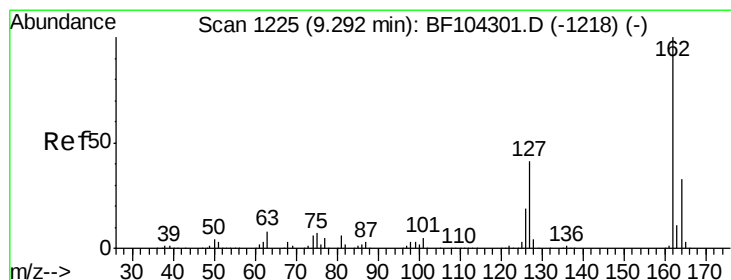
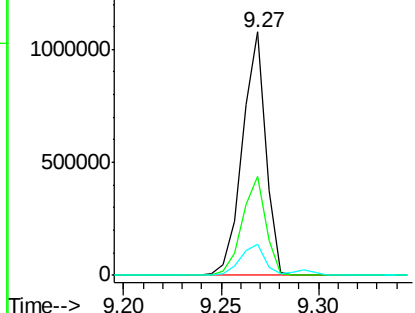
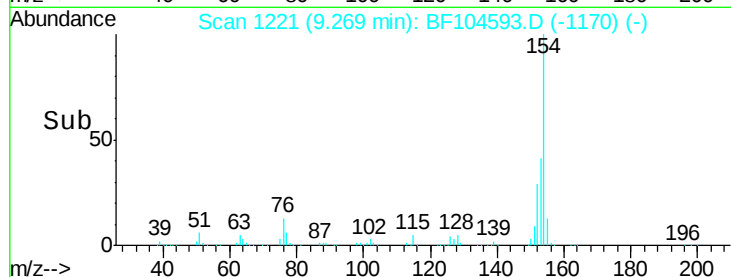
#45
 1,1'-Biphenyl
 Concen: 43.075 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 886072
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 12.7 0.0 34.0

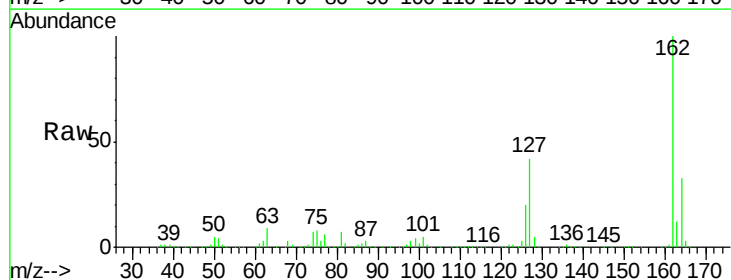


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

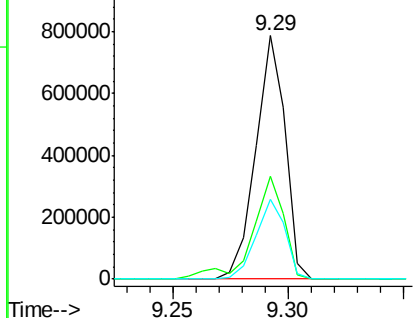
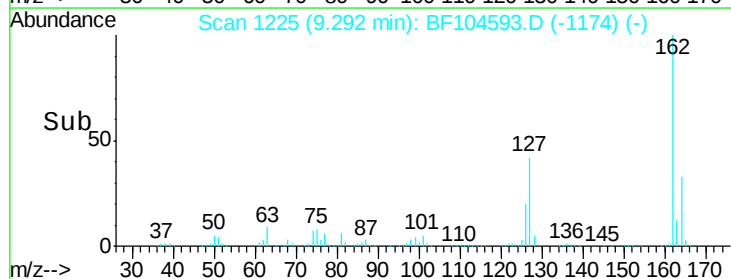


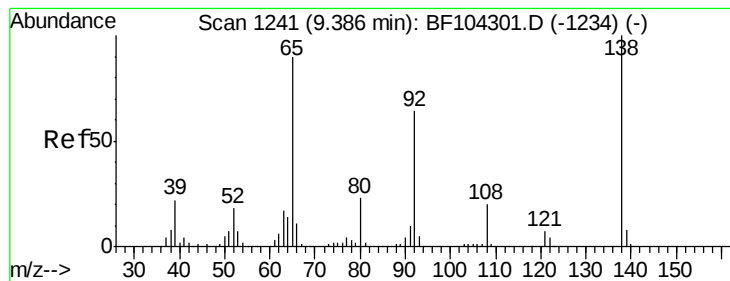
#46
 2-Chloronaphthalene
 Concen: 43.033 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Tgt Ion:162 Resp: 699212
 Ion Ratio Lower Upper
 162 100
 127 42.2 33.9 50.9
 164 32.6 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: 52.959 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

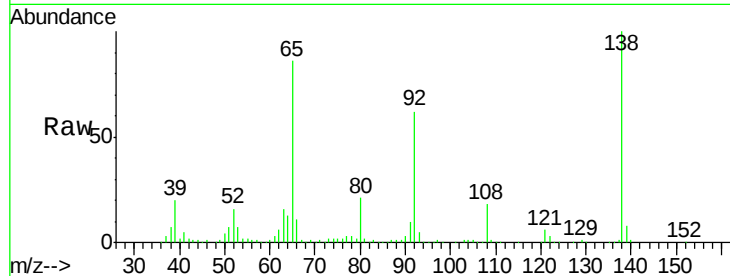
Tot Ion: 65 Resp: 212799

Ion Ratio Lower Upper

65 100

92 72.3 55.8 83.6

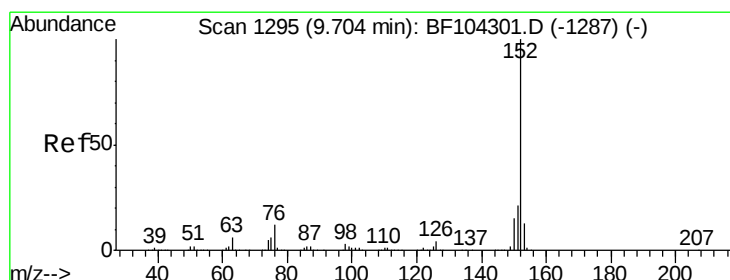
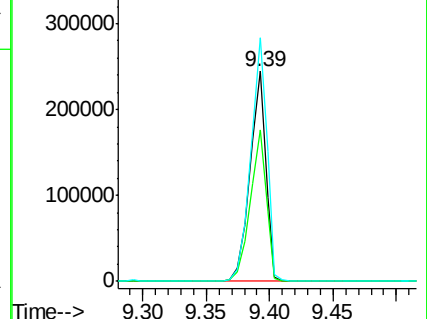
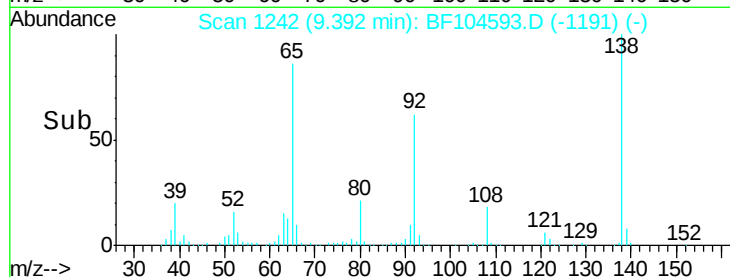
138 115.8 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 41.446 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

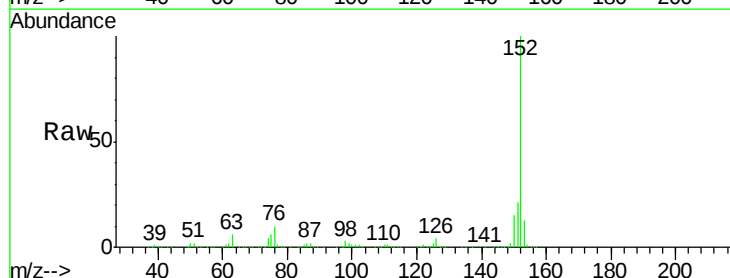
Tgt Ion: 152 Resp: 1056582

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

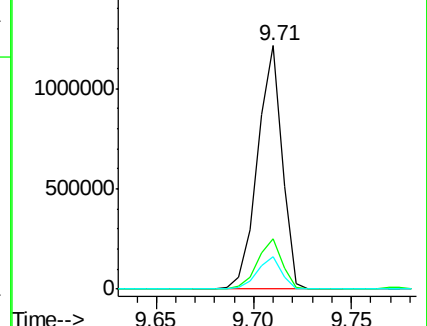
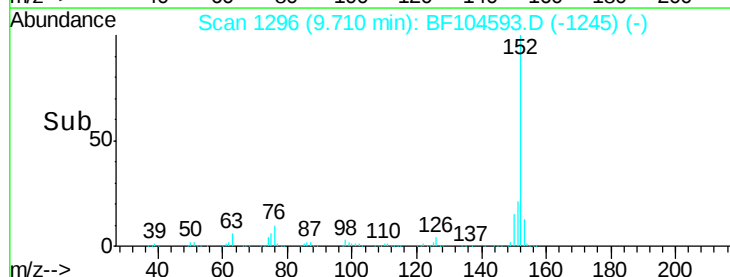
153 13.2 10.7 16.1

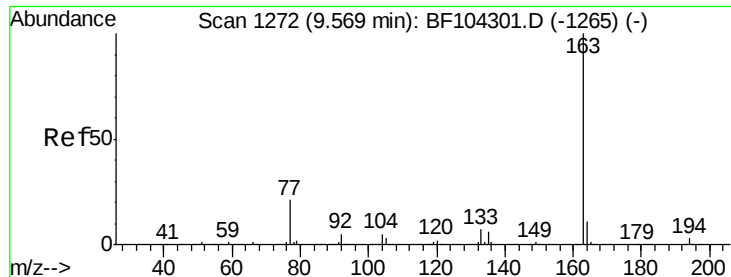


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

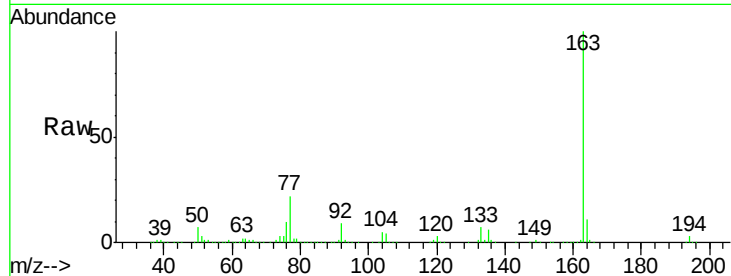




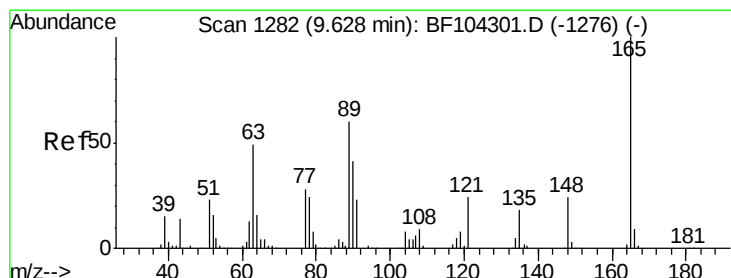
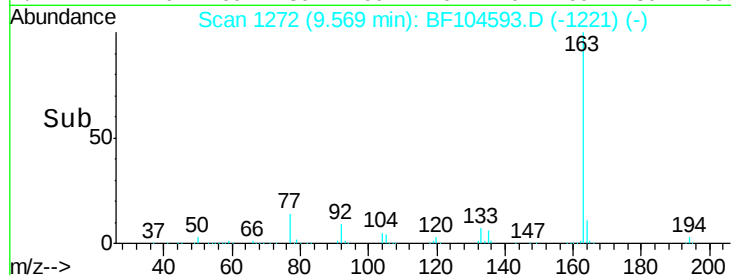
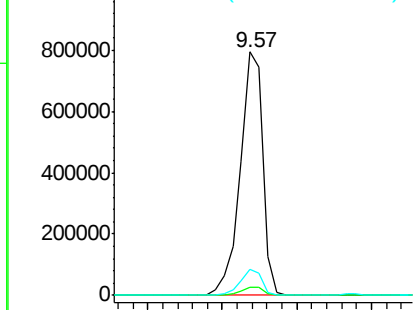
#49
Dimethylphthalate
Concen: 42.999 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 830297
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.7 8.2 12.2

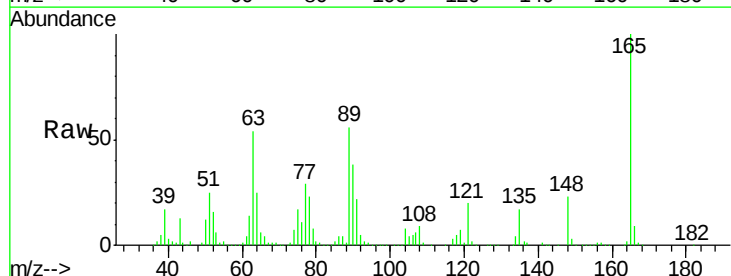


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

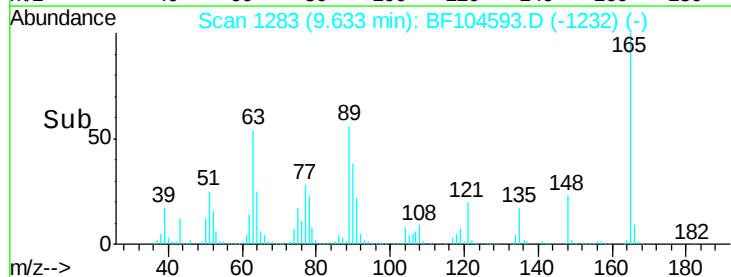
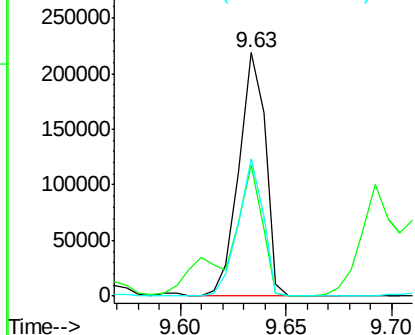


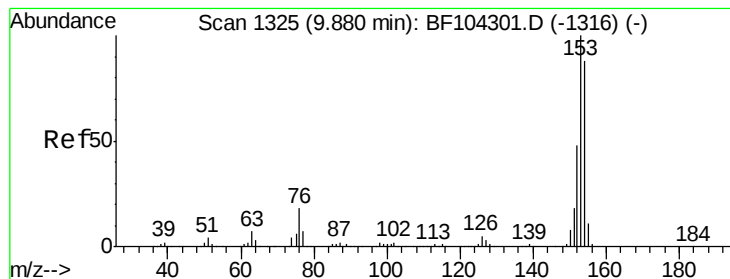
#50
2,6-Dinitrotoluene
Concen: 53.269 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion:165 Resp: 190333
Ion Ratio Lower Upper
165 100
63 54.0 44.7 67.1
89 56.4 44.0 66.0



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





#51

Acenaphthene

Concen: 40.742 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

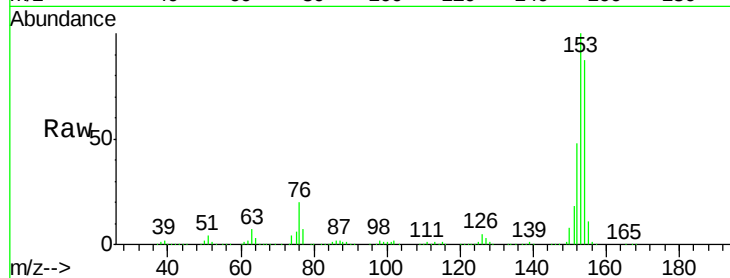
Tot Ion:154 Resp: 633708

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

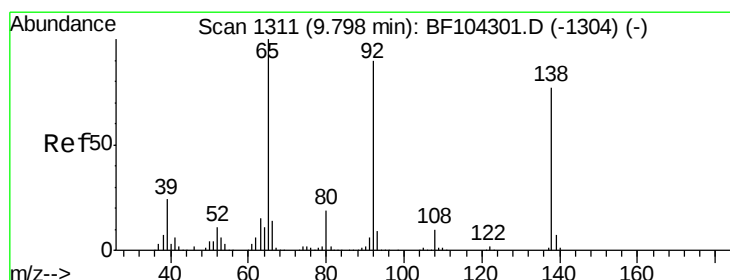
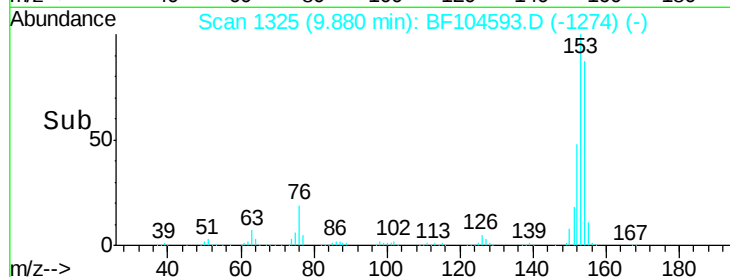
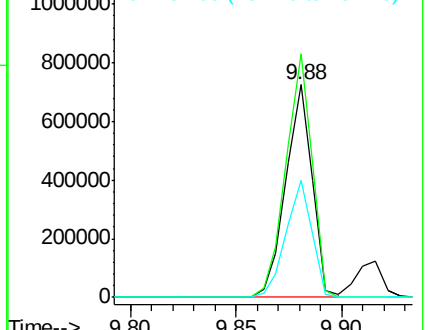
152 55.3 43.8 65.8



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: 15.635 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

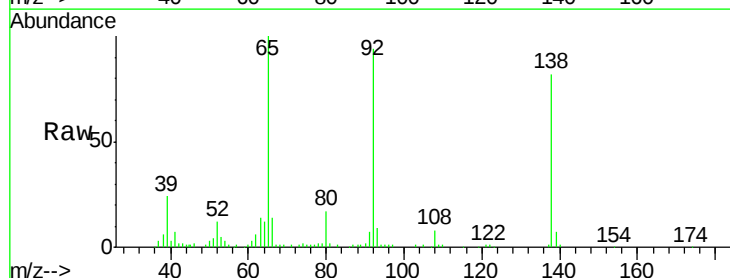
Tgt Ion:138 Resp: 65400

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

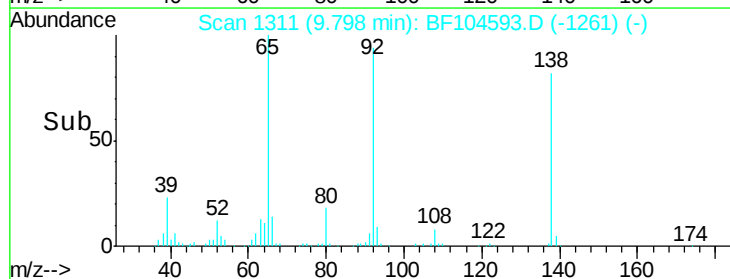
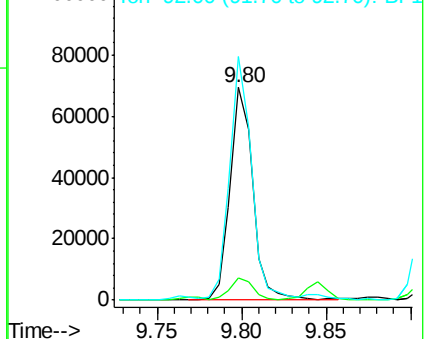
92 114.6 89.4 134.2

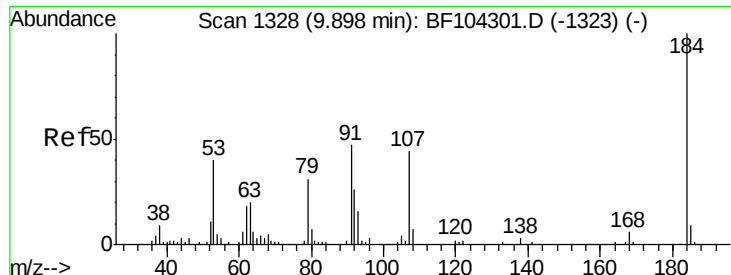


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

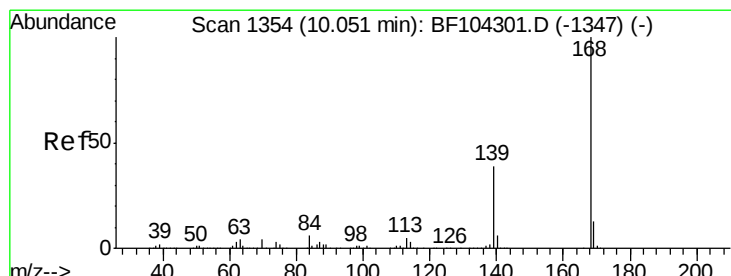
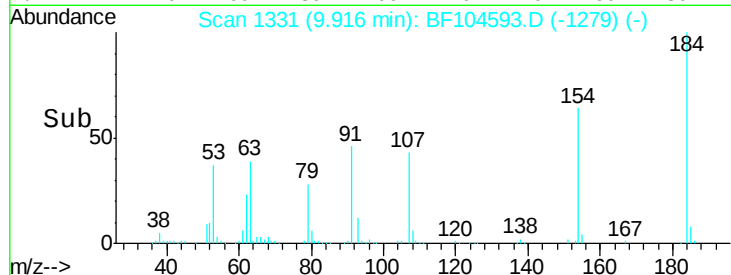
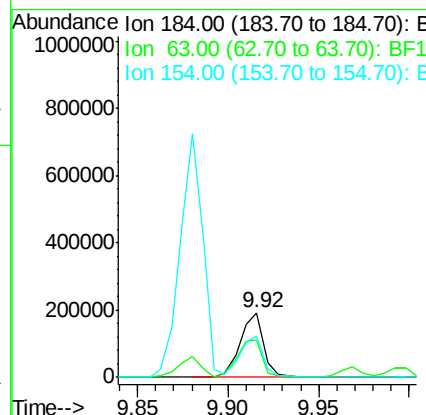
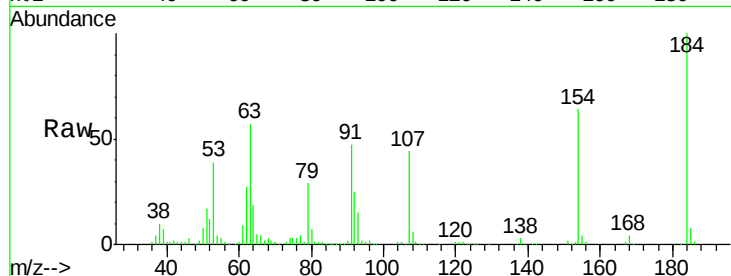




#53
 2,4-Dinitrophenol
 Concen: 103.387 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

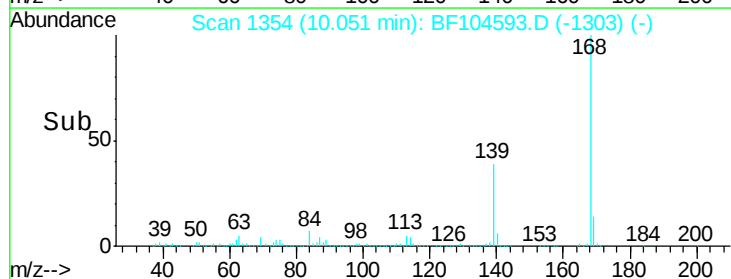
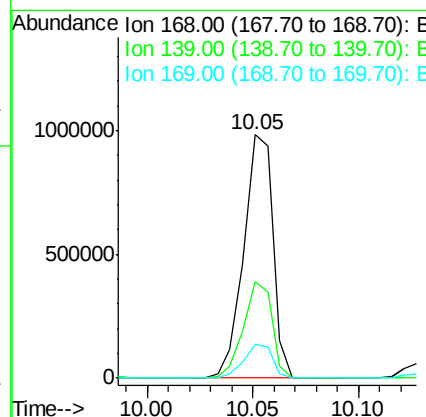
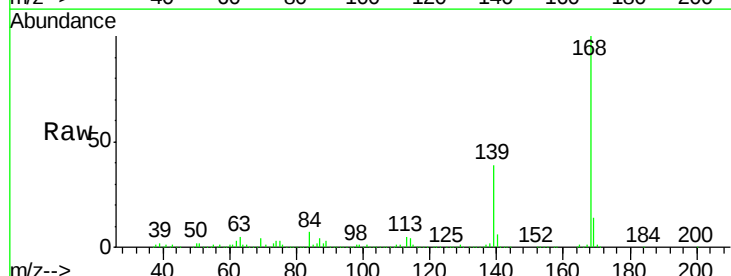
Instrument :
 BNA_F
 ClientSampled :

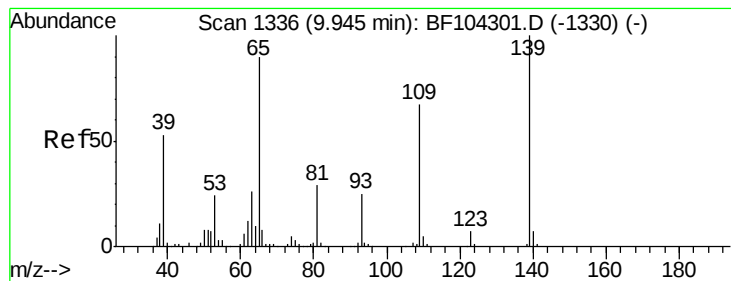
Tot Ion:184 Resp: 174017
 Ion Ratio Lower Upper
 184 100
 63 56.9 54.2 81.2
 154 63.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.517 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Tgt Ion:168 Resp: 943289
 Ion Ratio Lower Upper
 168 100
 139 39.4 30.1 45.1
 169 13.8 10.9 16.3





#55

4-Nitrophenol

Concen: 32.390 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampled :

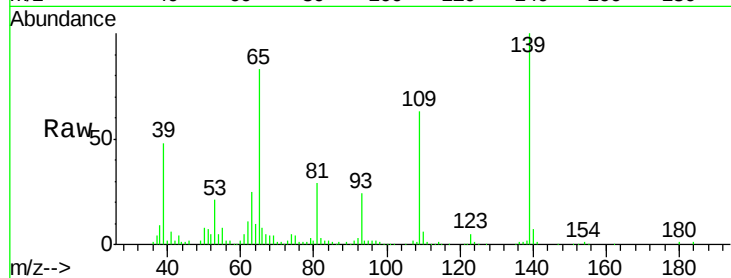
Tot Ion:139 Resp: 106429

Ion Ratio Lower Upper

139 100

109 63.2 48.4 88.4

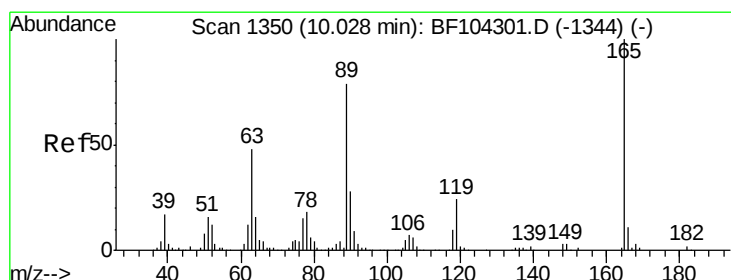
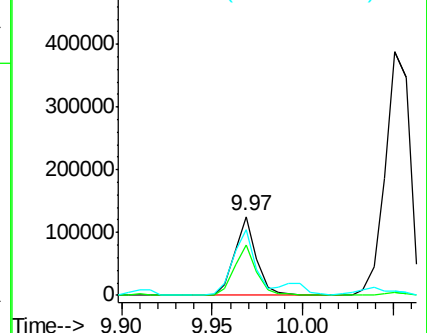
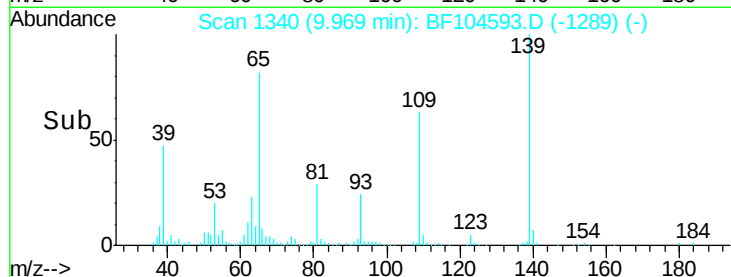
65 82.7 72.6 112.6



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: 51.760 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Tgt Ion:165 Resp: 242590

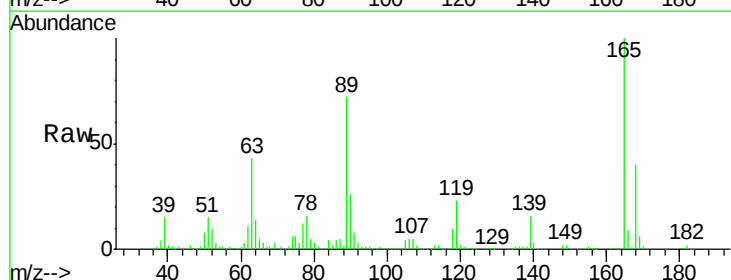
Ion Ratio Lower Upper

165 100

63 42.5 36.4 54.6

89 72.4 57.8 86.6

182 2.3 1.6 2.4

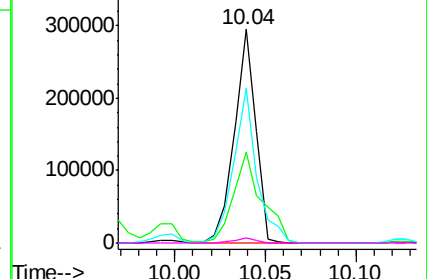
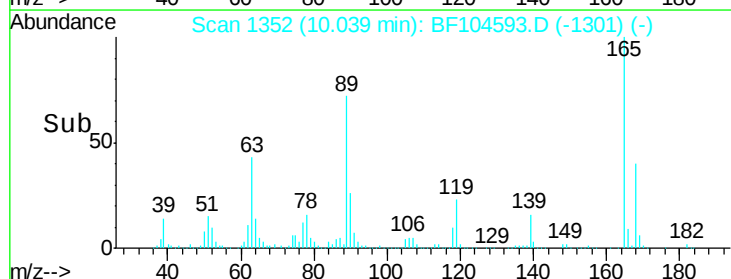


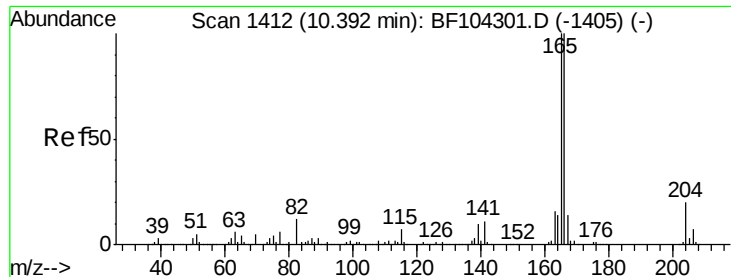
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

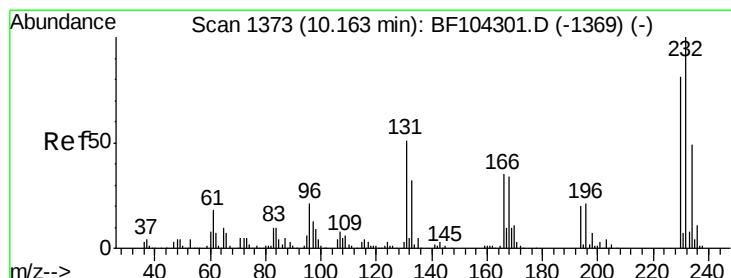
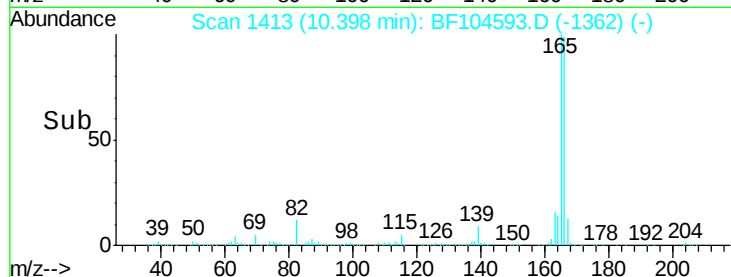
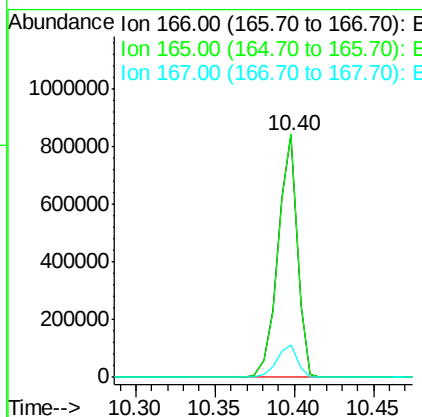
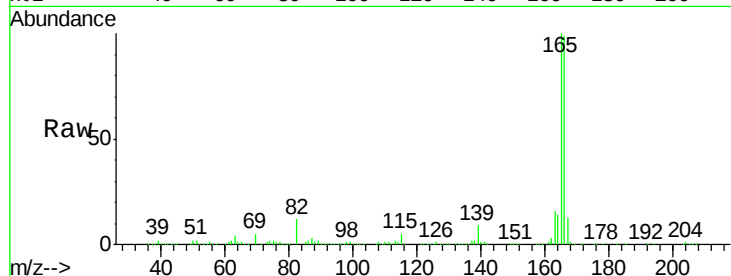




#57
 Fluorene
 Concen: 45.297 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

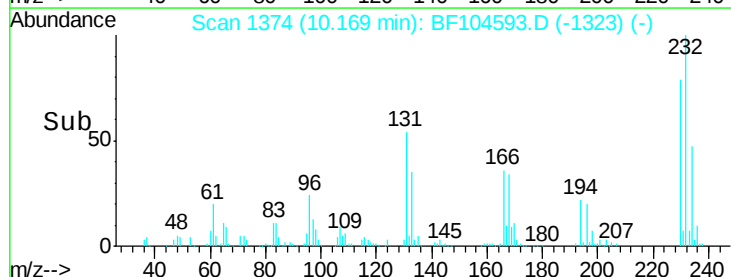
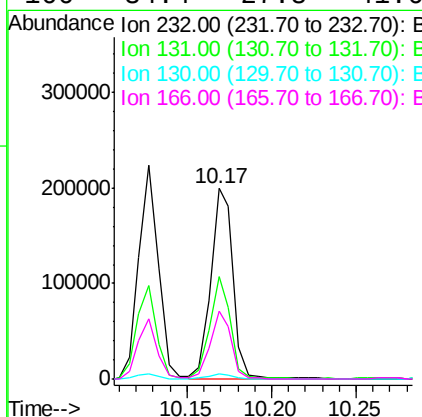
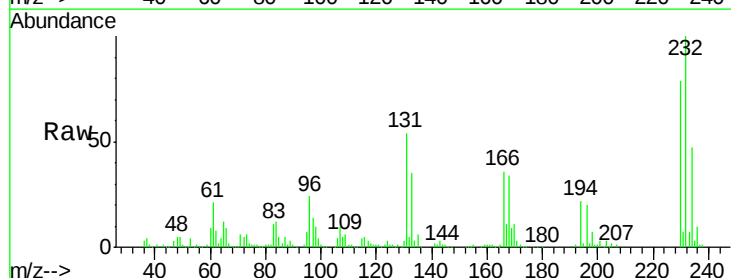
Instrument :
 BNA_F
 ClientSampleId :

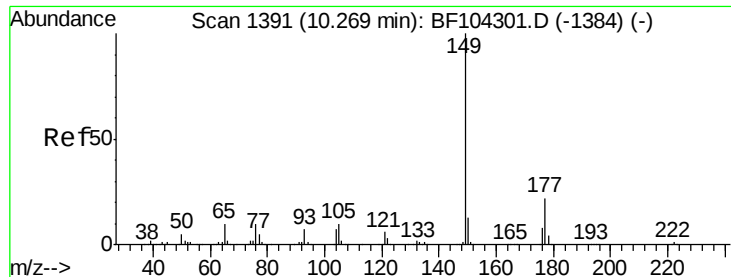
Tot Ion:166 Resp: 714679
 Ion Ratio Lower Upper
 166 100
 165 100.6 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.939 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Tgt Ion:232 Resp: 182555
 Ion Ratio Lower Upper
 232 100
 131 50.0 43.8 65.8
 130 2.6 2.1 3.1
 166 34.4 27.8 41.6

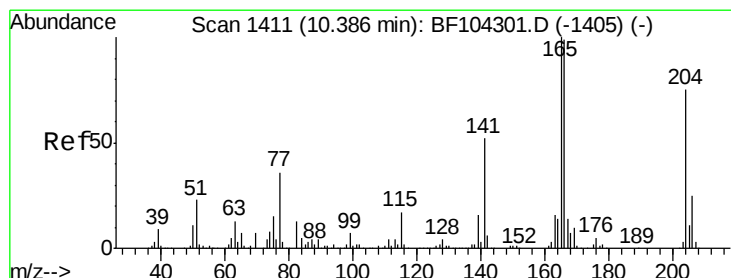
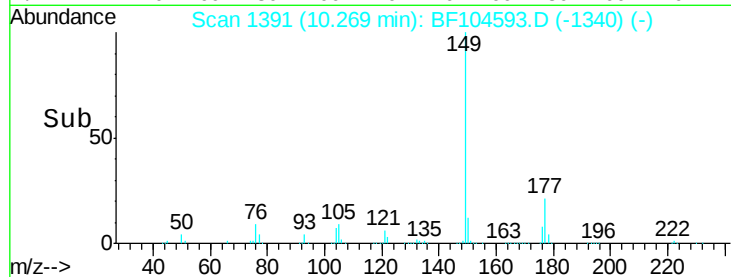
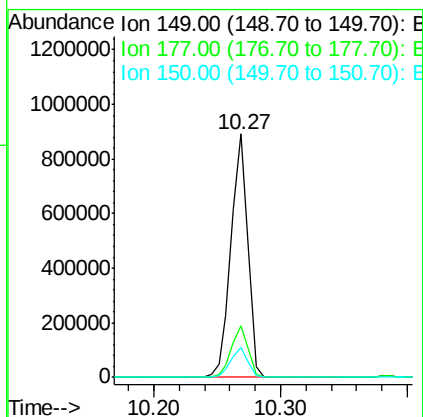
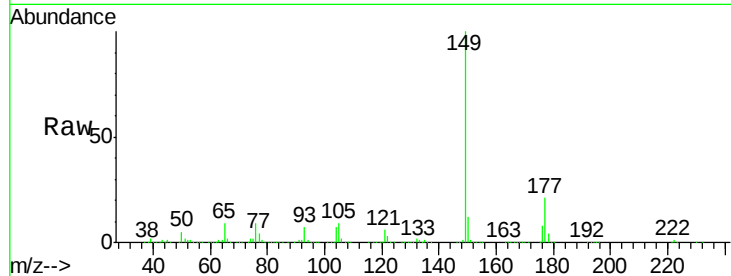




#59
Diethylphthalate
Concen: 42.108 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

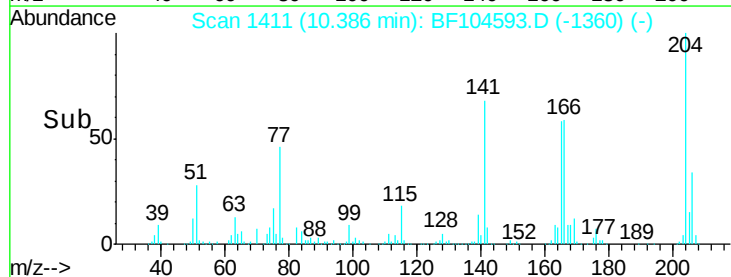
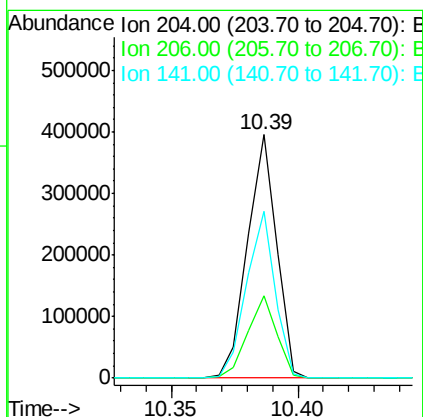
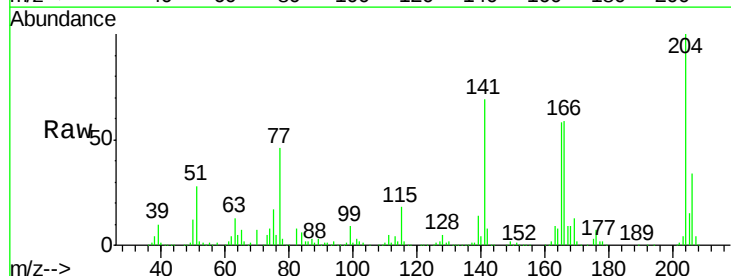
Instrument :
BNA_F
ClientSampled :

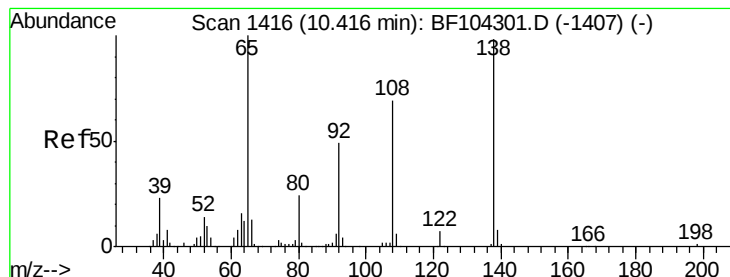
Tot Ion:149 Resp: 809788
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 45.137 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion:204 Resp: 317153
Ion Ratio Lower Upper
204 100
206 33.8 26.5 39.7
141 68.6 54.6 81.8





#61

4-Nitroaniline

Concen: 41.762 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampled :

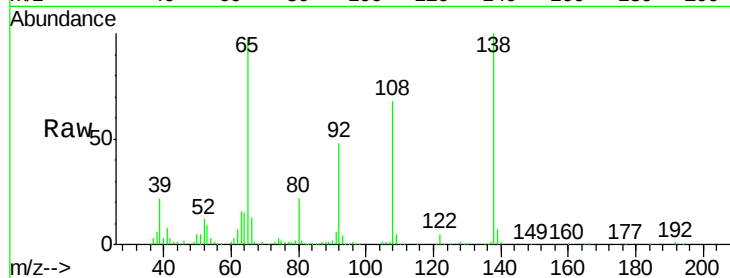
Tot Ion:138 Resp: 170805

Ion Ratio Lower Upper

138 100

92 47.8 30.2 70.2

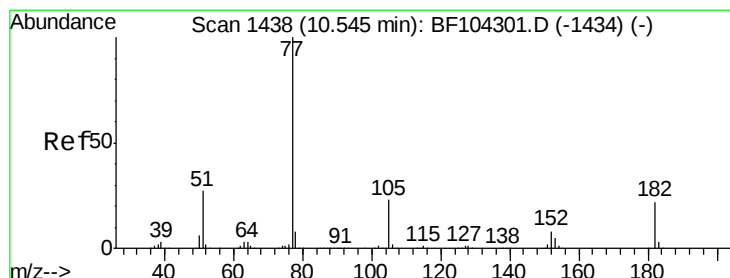
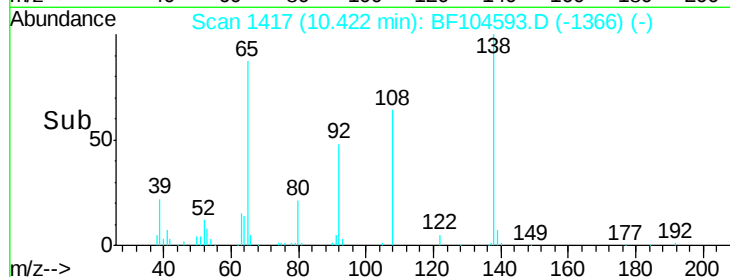
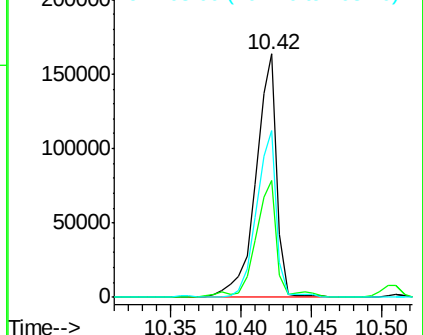
108 68.3 52.5 92.5



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: 41.098 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Tgt Ion: 77 Resp: 755108

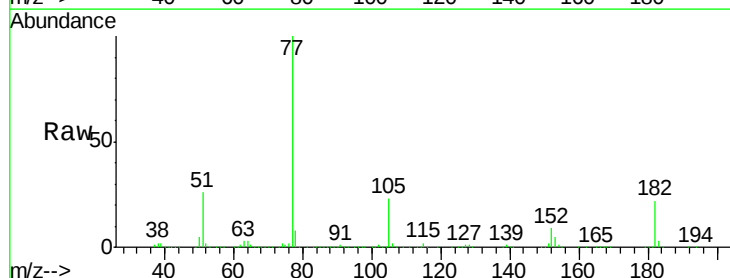
Ion Ratio Lower Upper

77 100

182 22.3 1.7 41.7

105 23.1 3.0 43.0

51 26.4 9.9 49.9

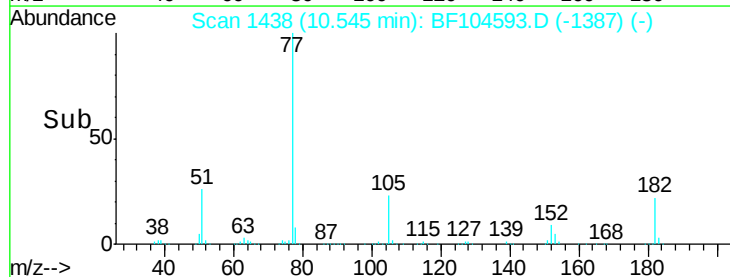
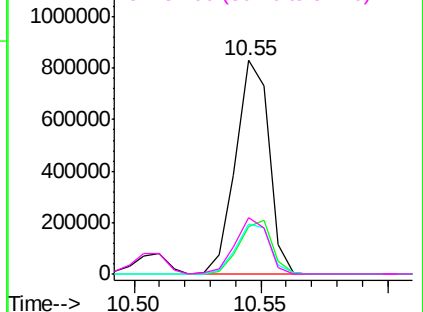


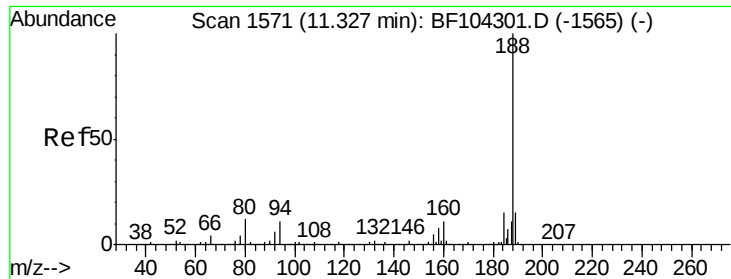
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

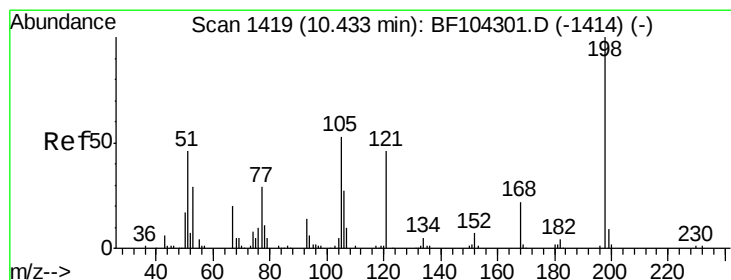
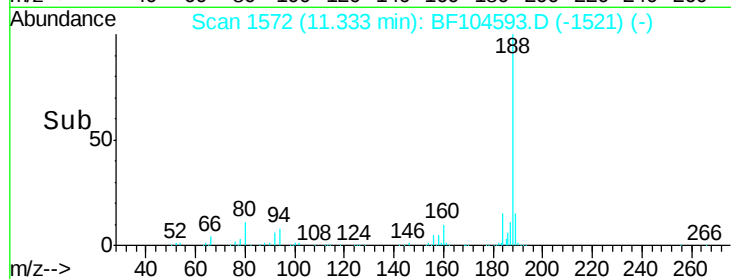
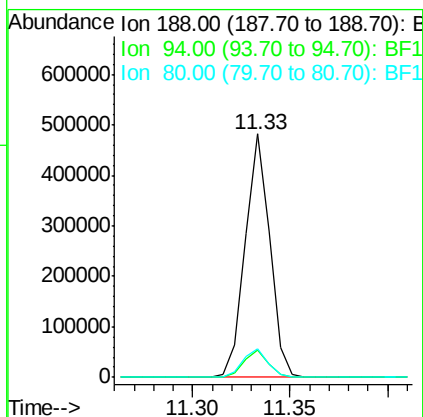
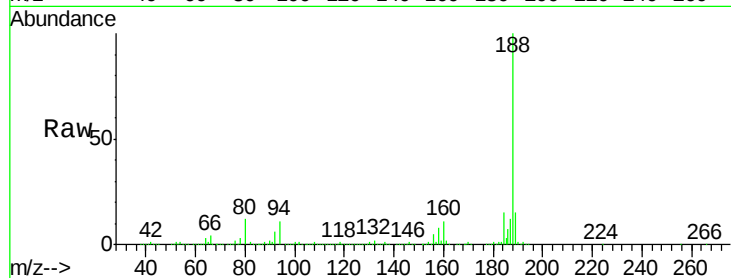




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

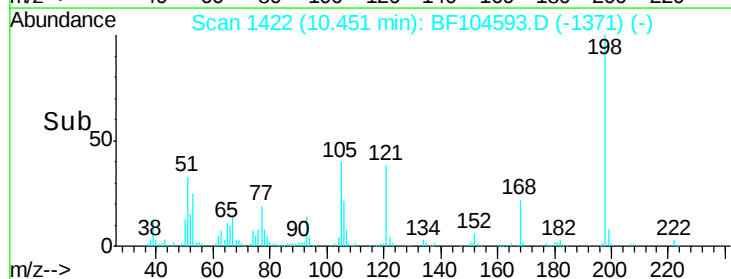
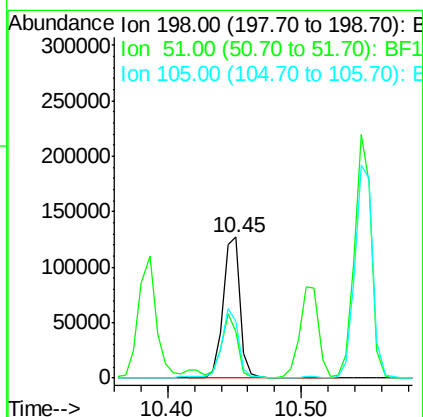
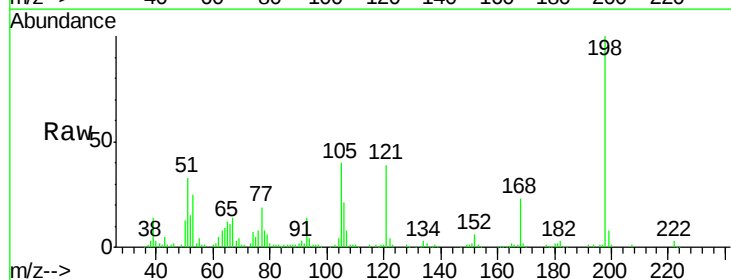
Instrument :
BNA_F
ClientSampleId :

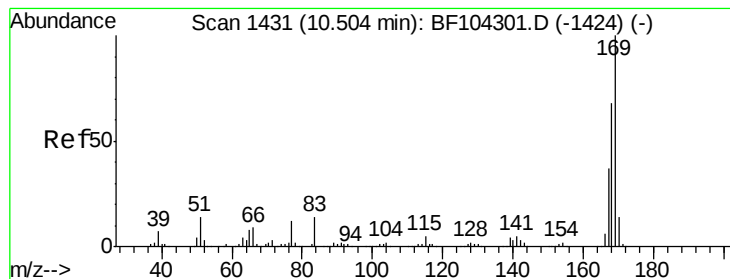
Tot Ion:188 Resp: 420751
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 54.980 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion:198 Resp: 115246
Ion Ratio Lower Upper
198 100
51 33.3 37.7 77.7#
105 40.4 36.3 76.3

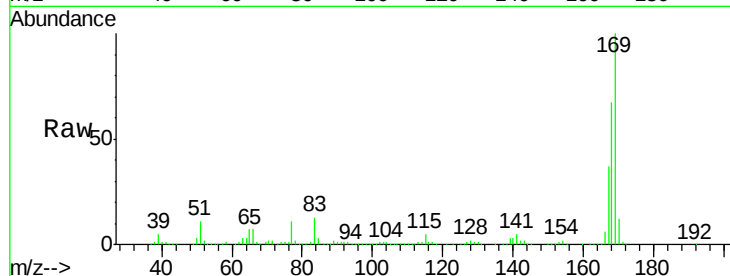




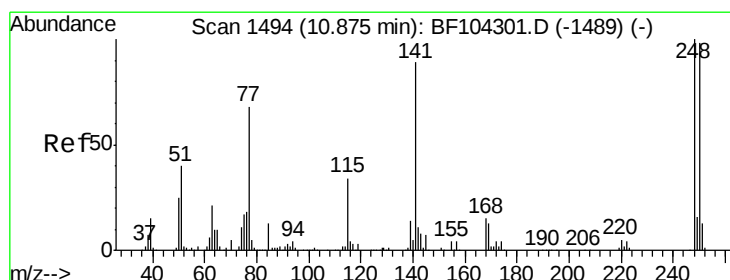
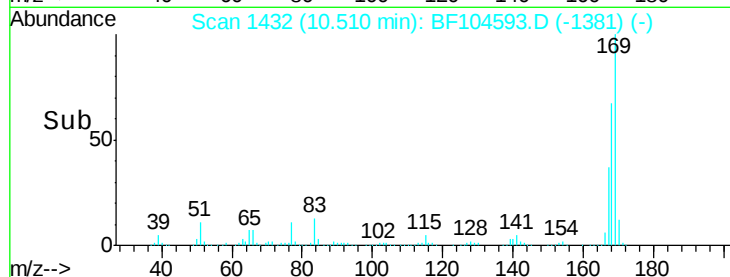
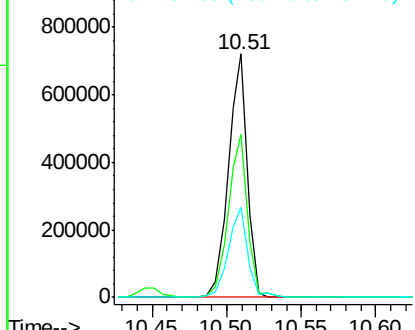
#65
 n-Nitrosodiphenylamine
 Concen: 44.383 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 647482
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.4 81.6
 167 37.2 29.8 44.6

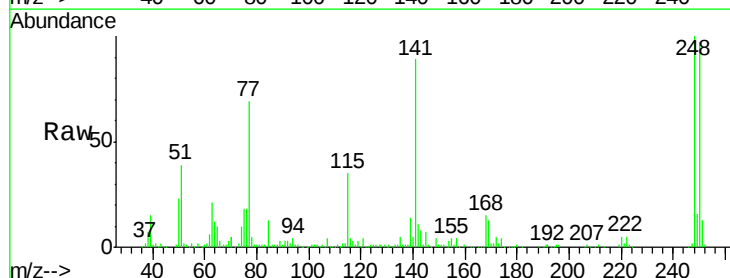


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

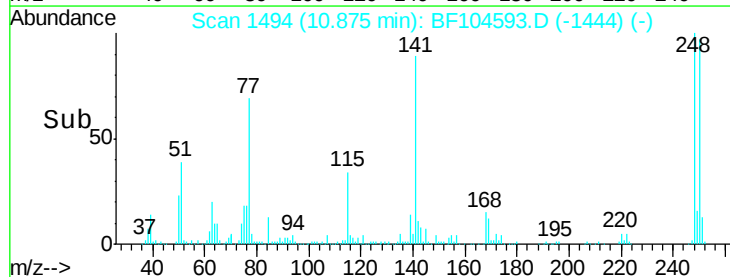
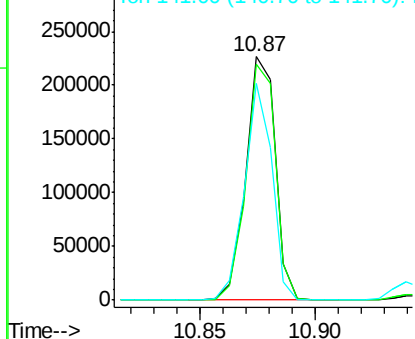


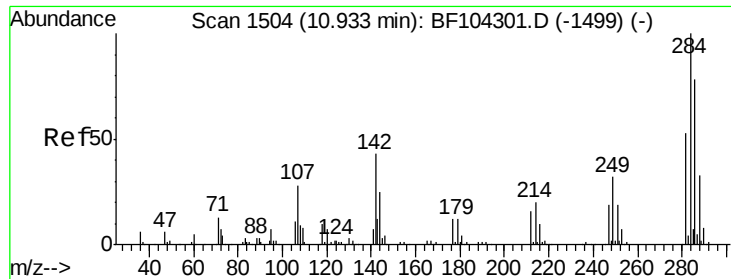
#66
 4-Bromophenyl-phenylether
 Concen: 45.370 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Tgt Ion:248 Resp: 203051
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.9 115.3
 141 88.9 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

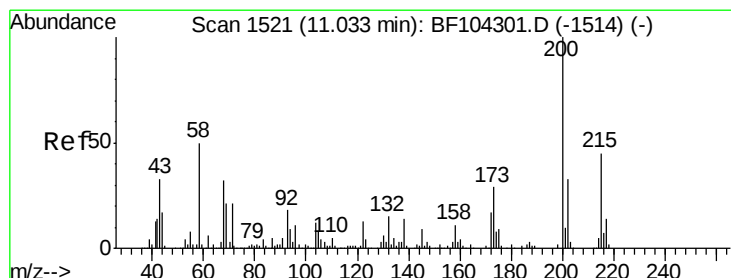
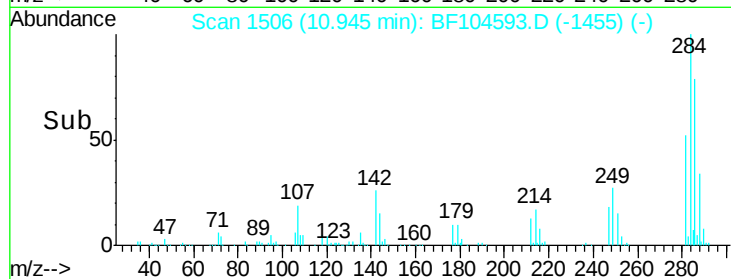
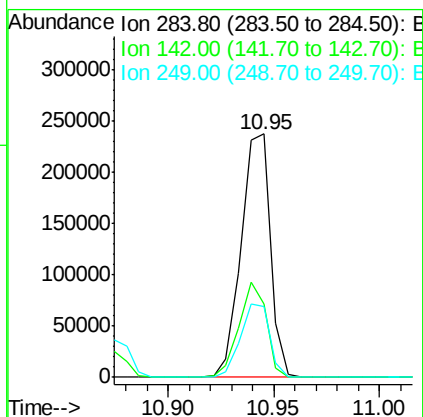
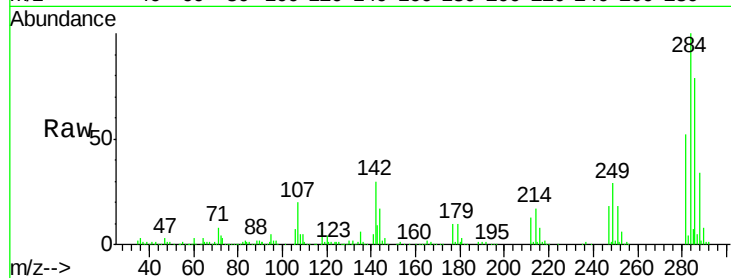




#67
Hexachlorobenzene
Concen: 45.379 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

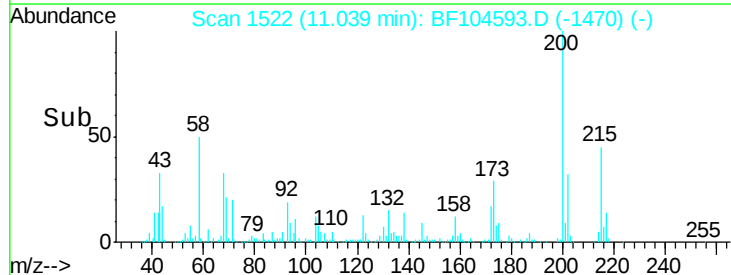
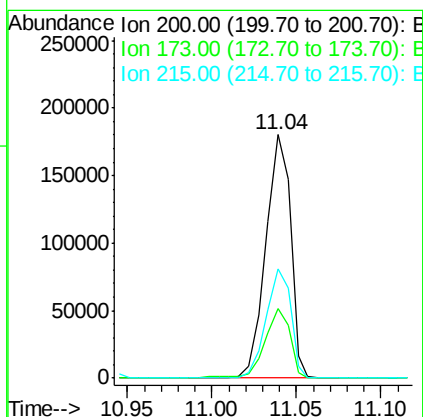
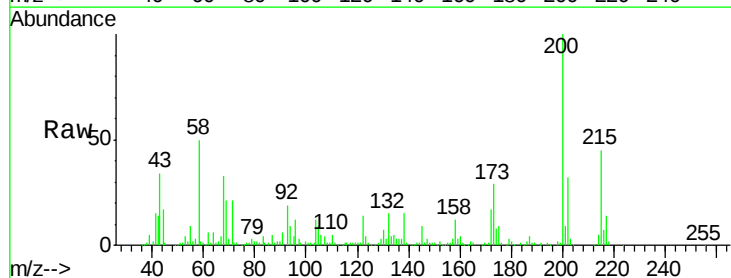
Instrument :
BNA_F
ClientSampleId :

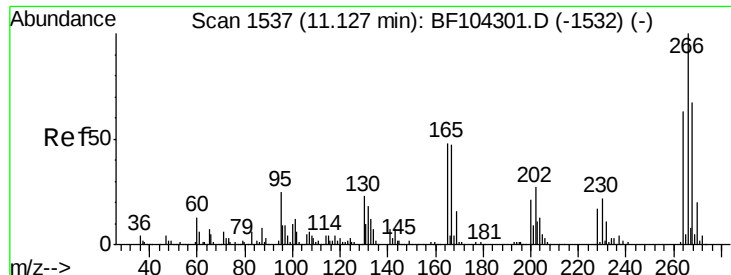
Tot Ion:284 Resp: 228518
Ion Ratio Lower Upper
284 100
142 29.9 34.6 52.0#
249 29.0 24.8 37.2



#68
Atrazine
Concen: 41.546 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion:200 Resp: 182947
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 44.8 25.1 65.1

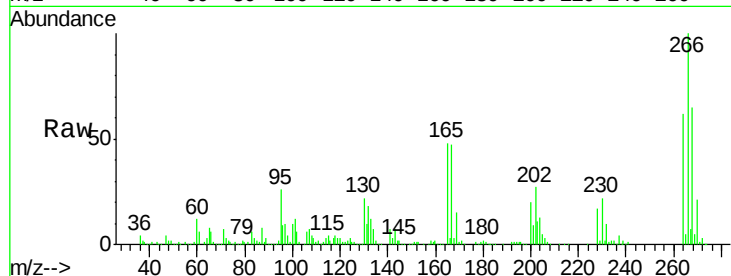




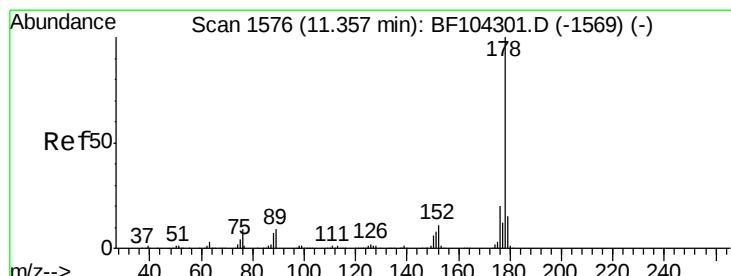
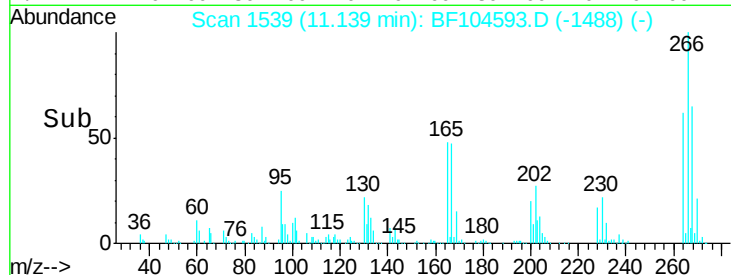
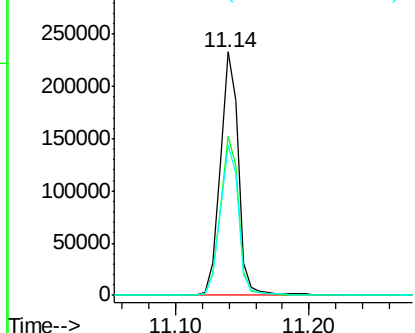
#69
 Pentachlorophenol
 Concen: 72.189 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 224899
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.1 76.7
 264 61.5 49.5 74.3

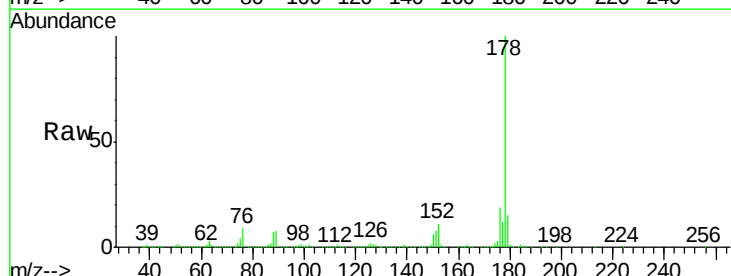


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

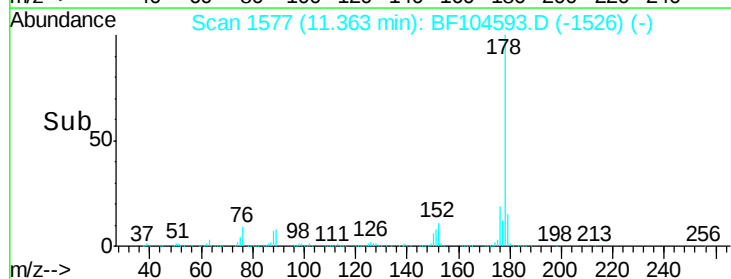
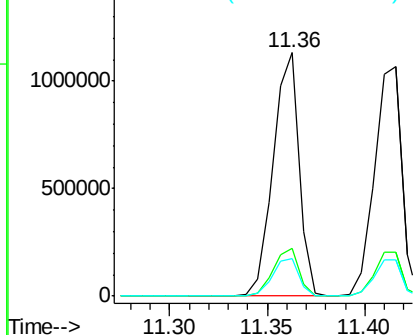


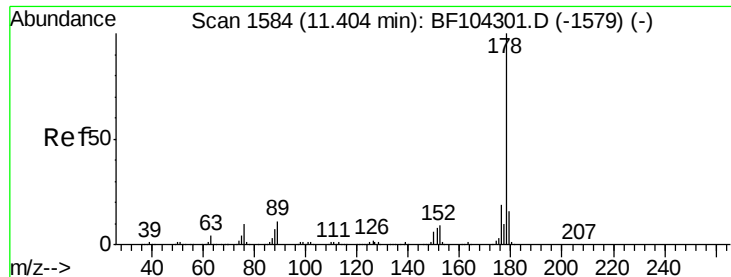
#70
 Phenanthrene
 Concen: 44.565 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Tgt Ion:178 Resp: 1044206
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

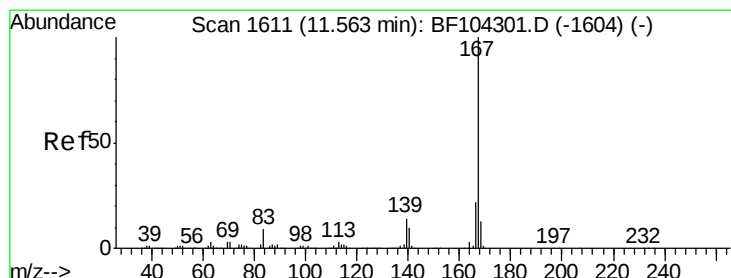
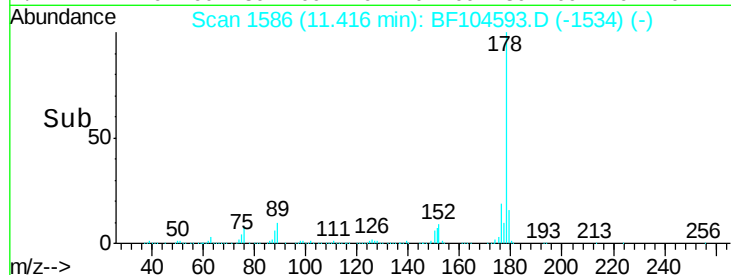
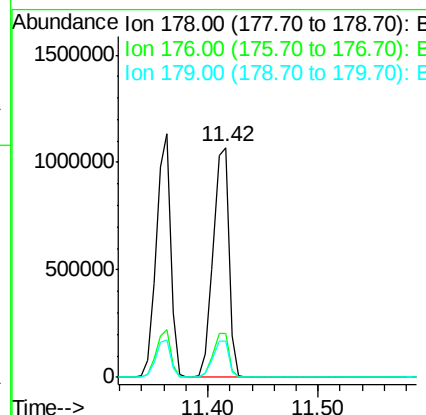
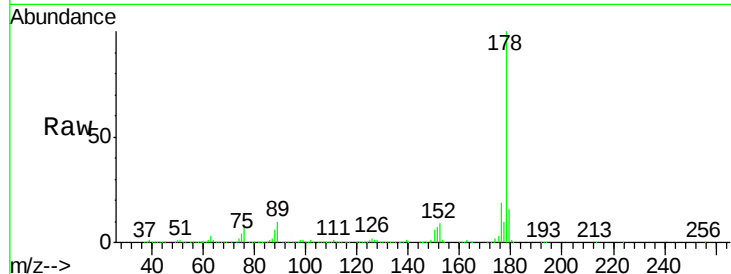




#71
 Anthracene
 Concen: 43.541 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

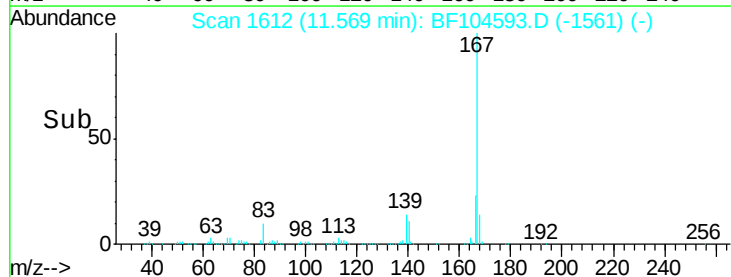
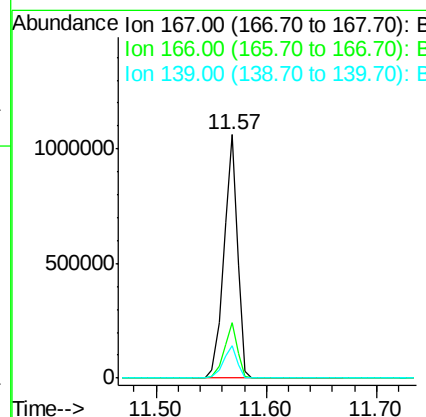
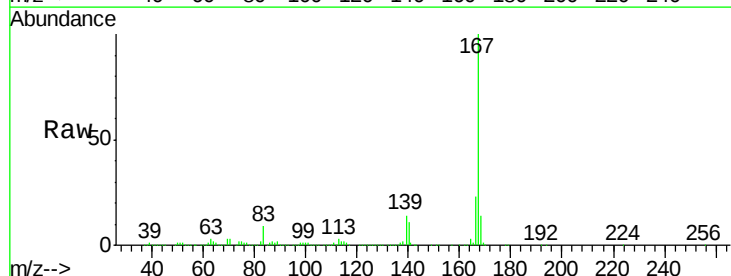
Instrument :
 BNA_F
 ClientSampleId :

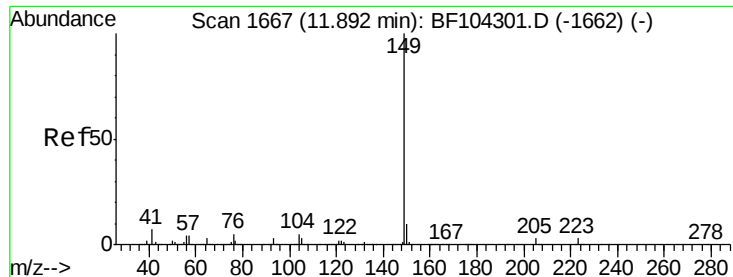
Tot Ion:178 Resp: 1037066
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 38.943 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Tgt Ion:167 Resp: 906375
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.642 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

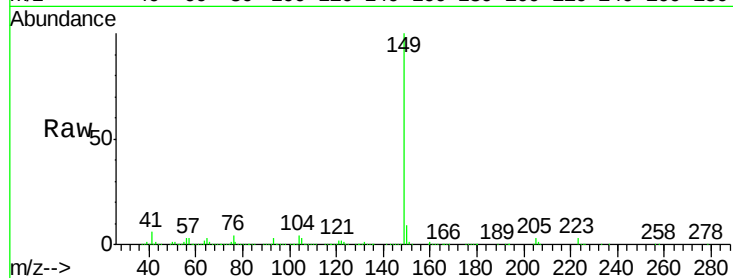
Tot Ion:149 Resp: 1183934

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

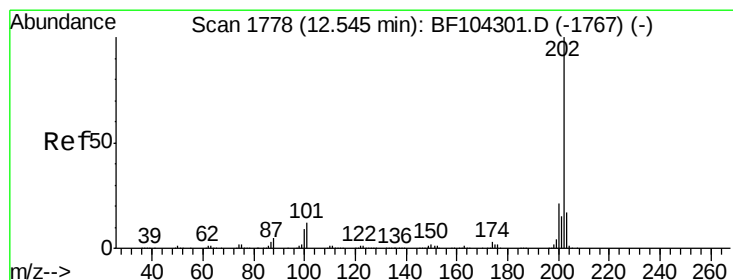
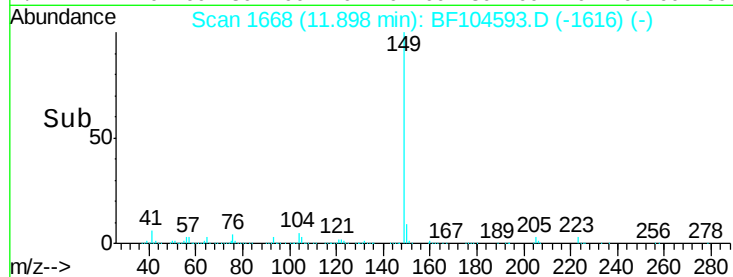
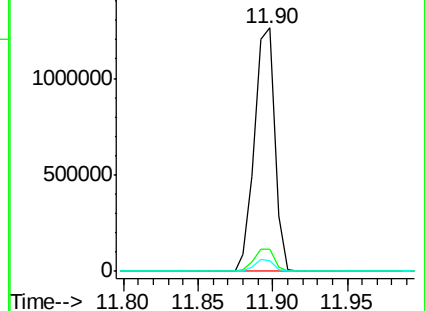
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.840 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

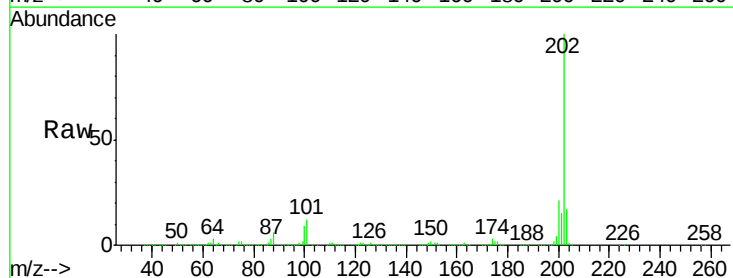
Tgt Ion:202 Resp: 950855

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

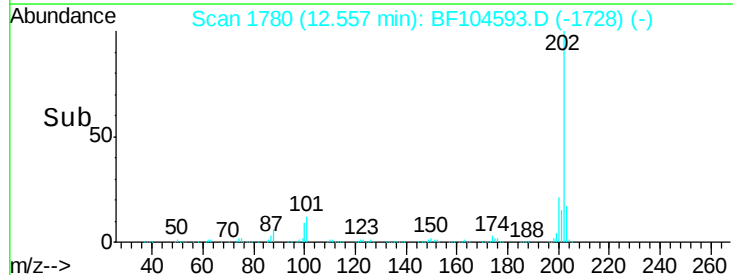
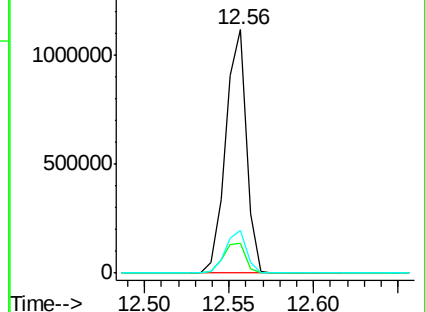
203 17.3 0.0 38.1

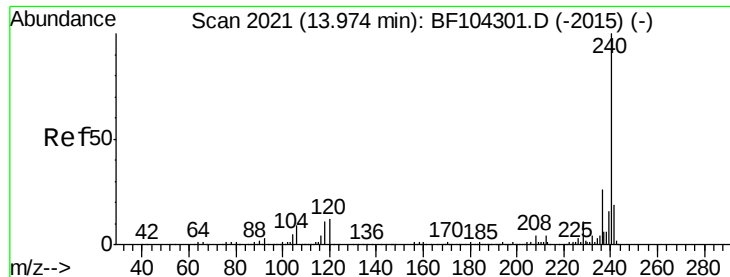


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

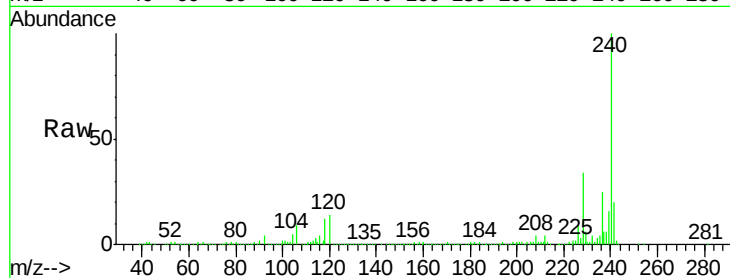
Tot Ion:240 Resp: 259234

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

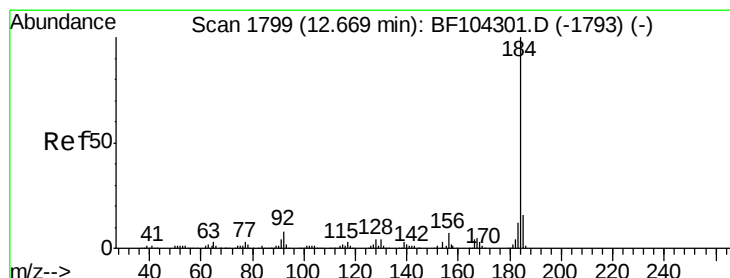
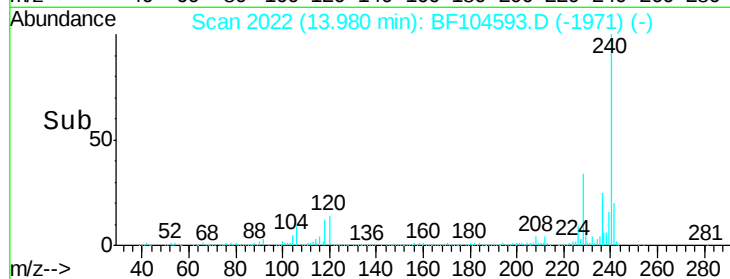
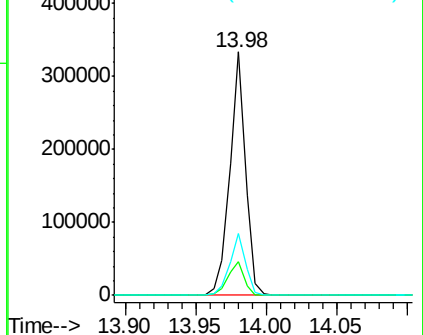
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.857 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

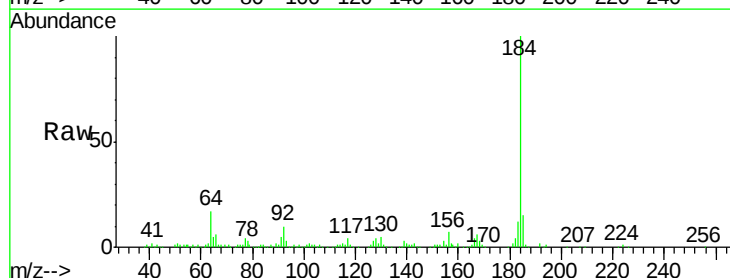
Tgt Ion:184 Resp: 200269

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

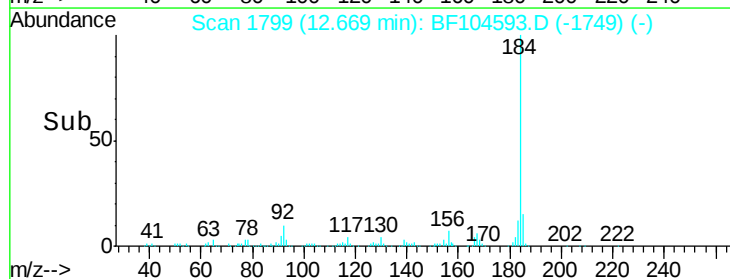
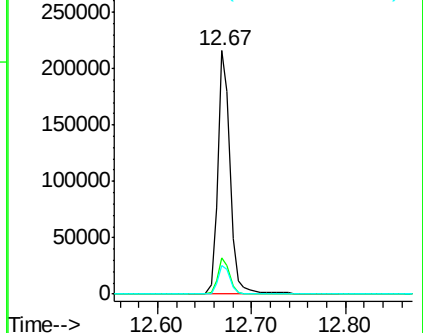
183 12.0 9.3 13.9

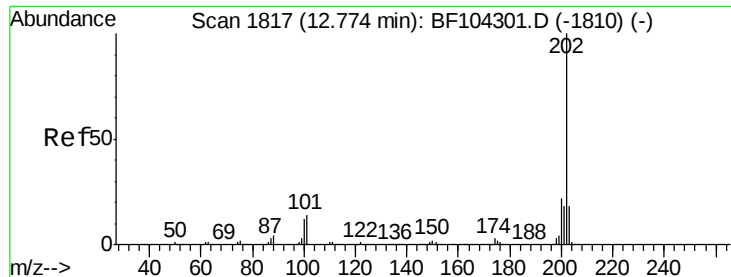


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

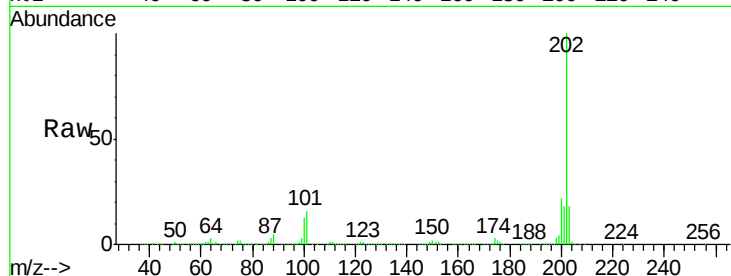




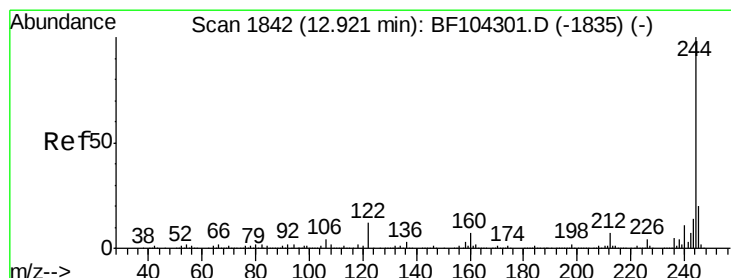
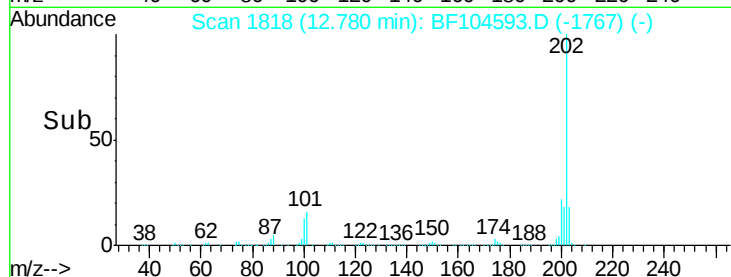
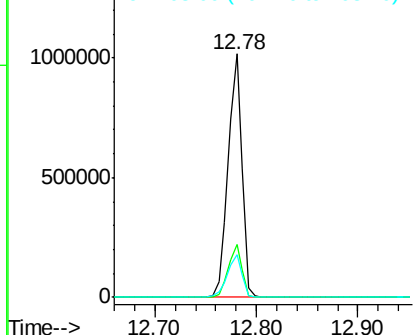
#77
Pvrene
Concen: 50.284 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 966229
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.7 14.3 21.5

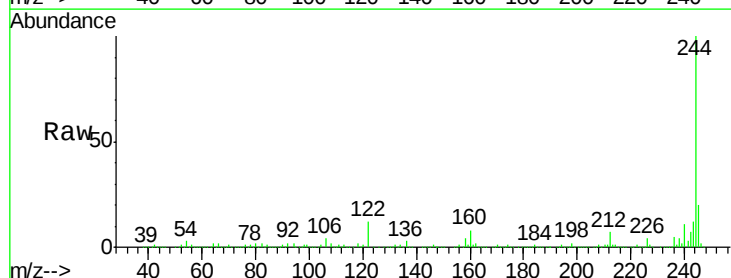


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

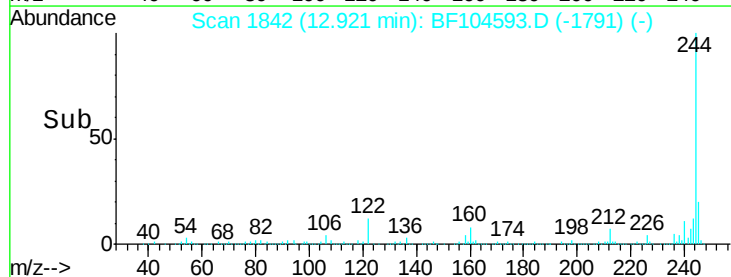
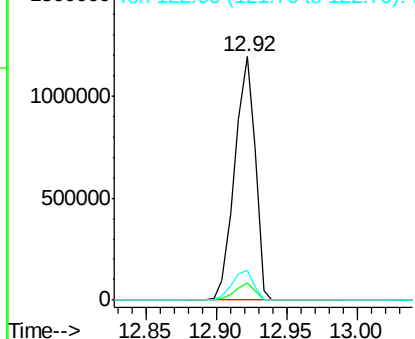


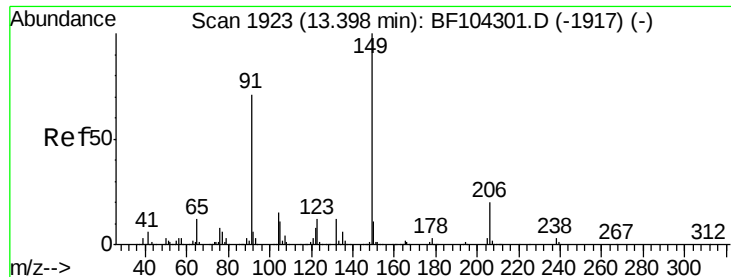
#78
Terphenyl-d14
Concen: 106.409 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion:244 Resp: 1209955
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 12.3 11.0 16.4



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

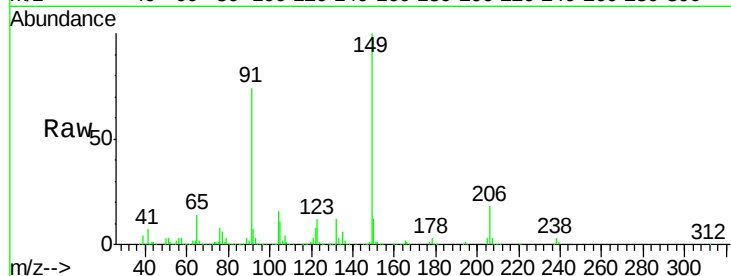




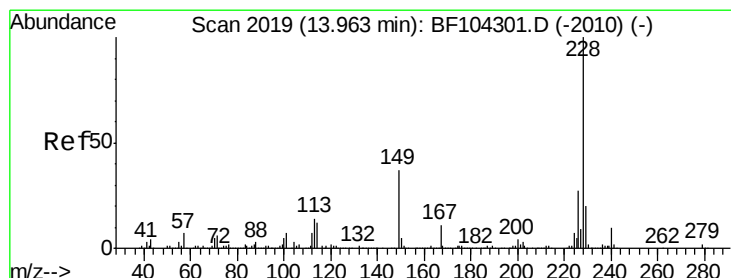
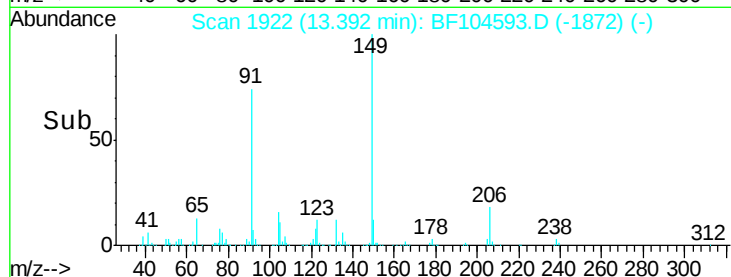
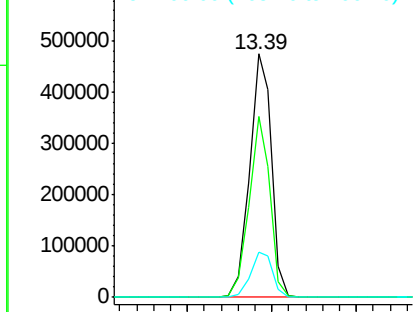
#79
Butylbenzylphthalate
Concen: 47.589 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 430804
Ion Ratio Lower Upper
149 100
91 74.3 56.8 85.2
206 18.4 14.1 21.1

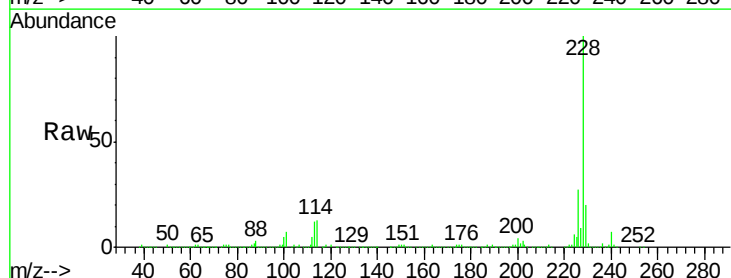


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

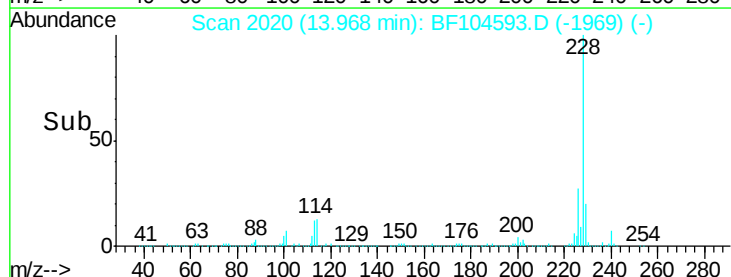
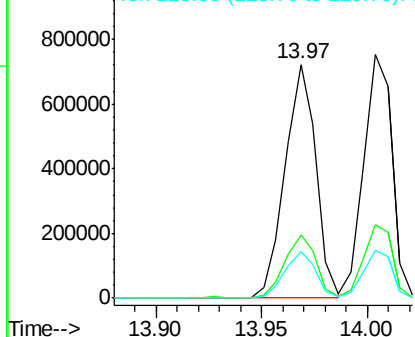


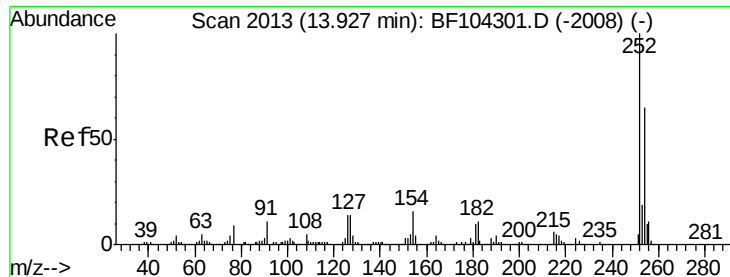
#80
Benzo(a)anthracene
Concen: 47.654 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion:228 Resp: 738018
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.8 15.8 23.6



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

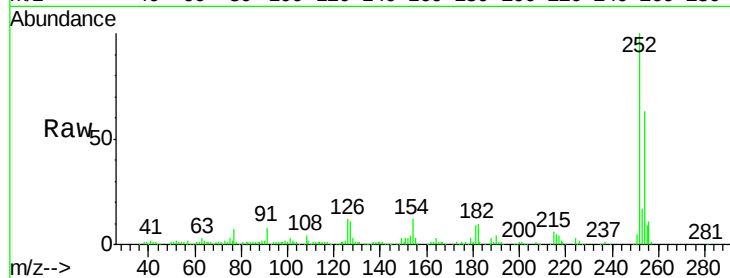




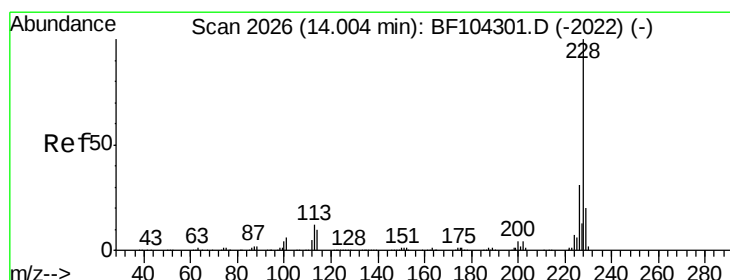
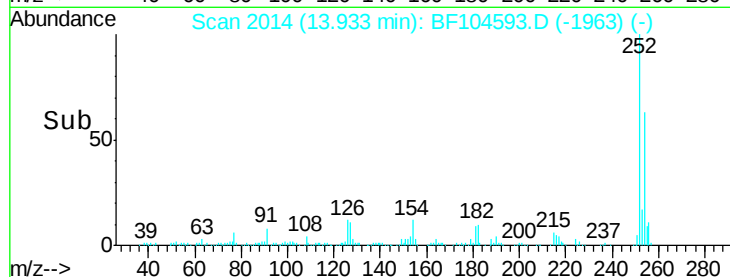
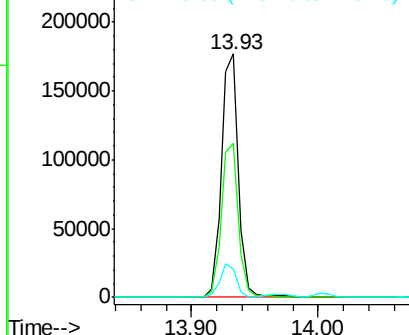
#81
 3,3'-Dichlorobenzidine
 Concen: 28.883 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 166778
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 11.7 11.3 16.9

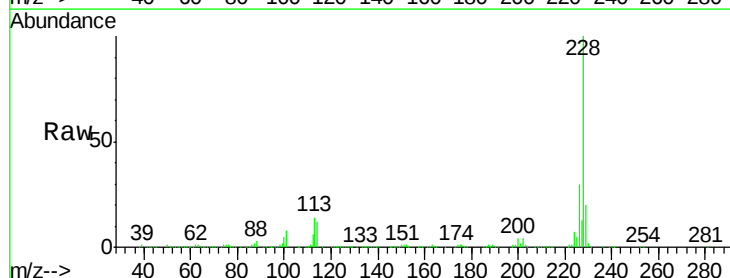


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

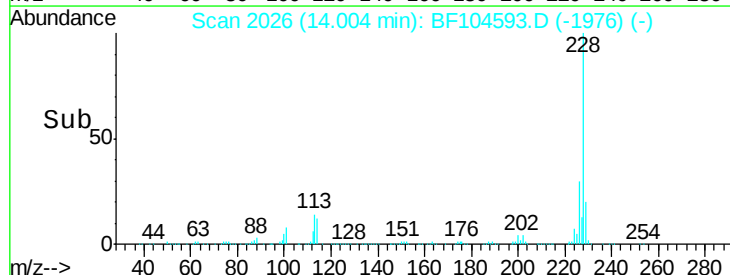
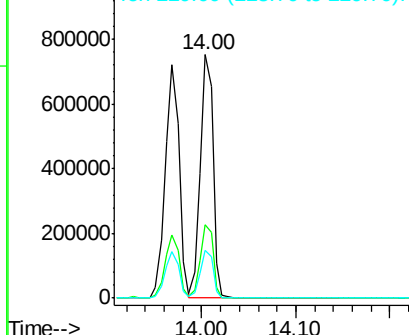


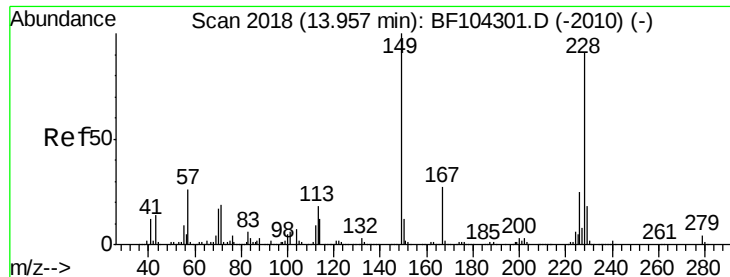
#82
 Chrysene
 Concen: 44.670 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Tgt Ion:228 Resp: 710586
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 19.7 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

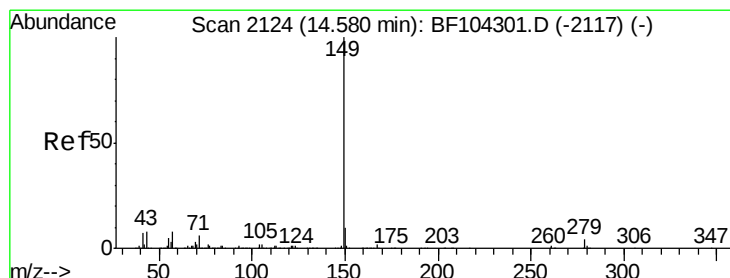
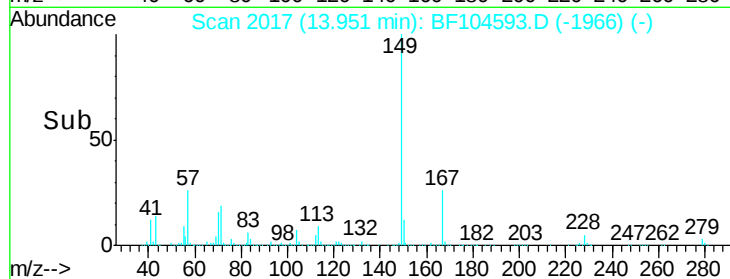
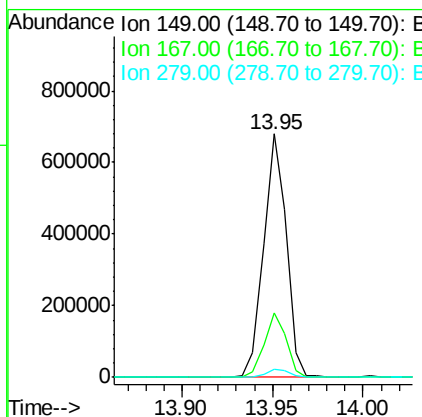
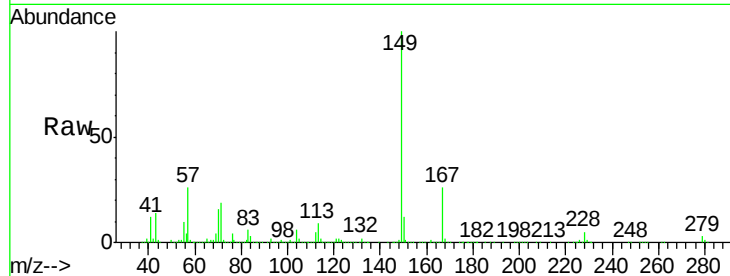




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.799 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

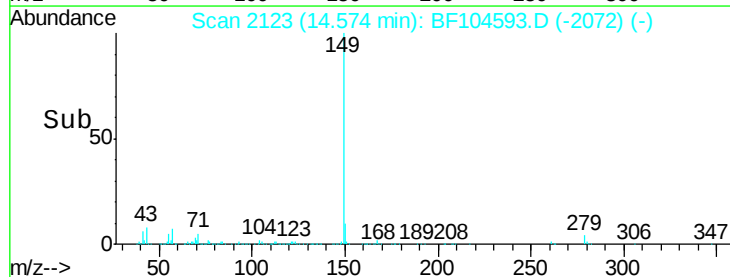
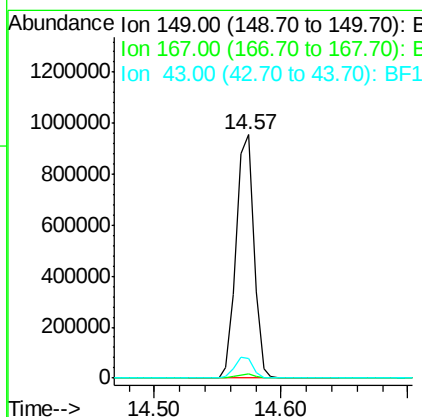
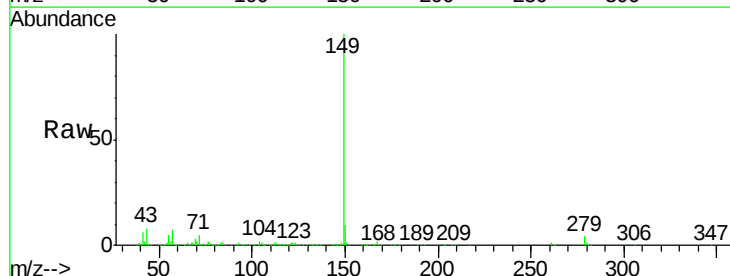
Instrument :
 BNA_F
 ClientSampleId :

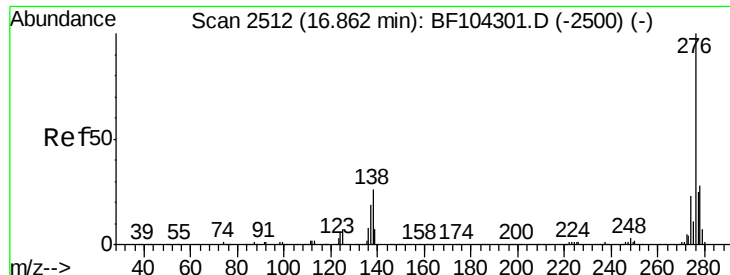
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 47.098 ng
 RT: 14.57 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.6	8.4	12.6

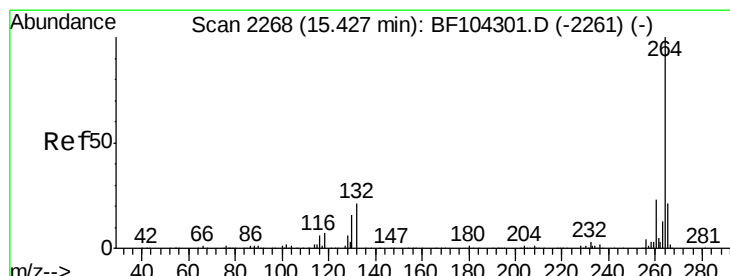
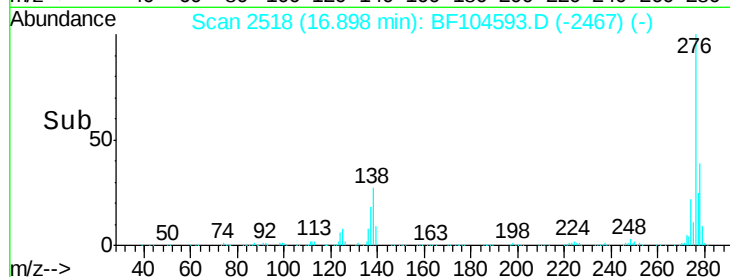
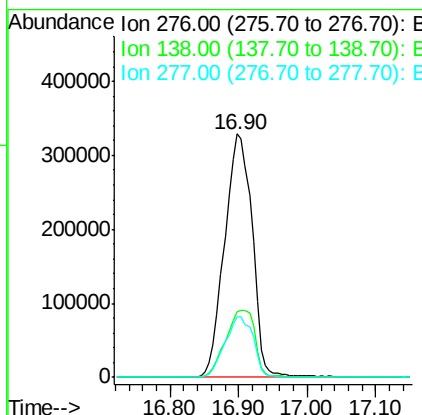
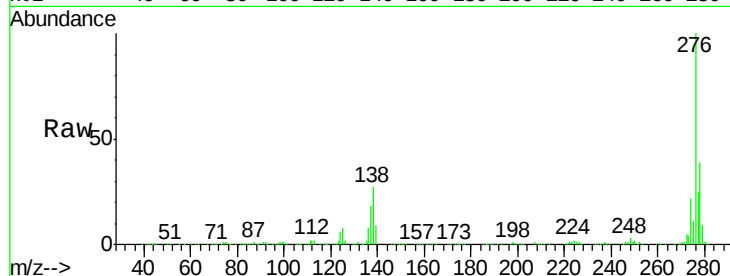




#85
Indeno(1,2,3-cd)pyrene
Concen: 68.012 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

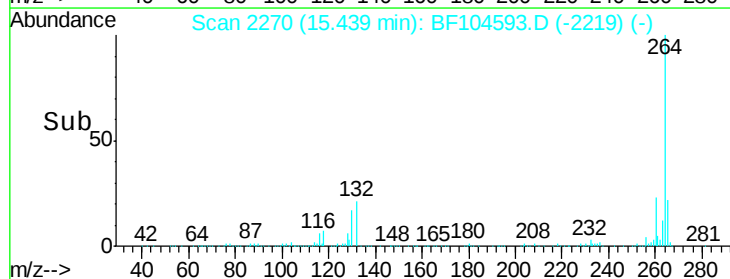
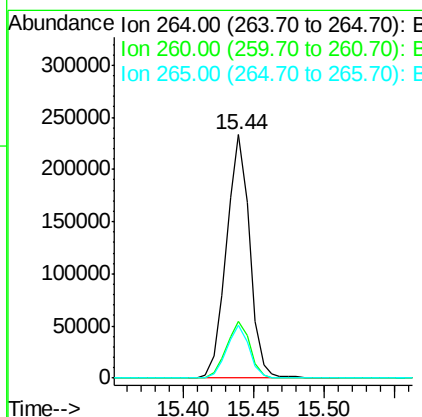
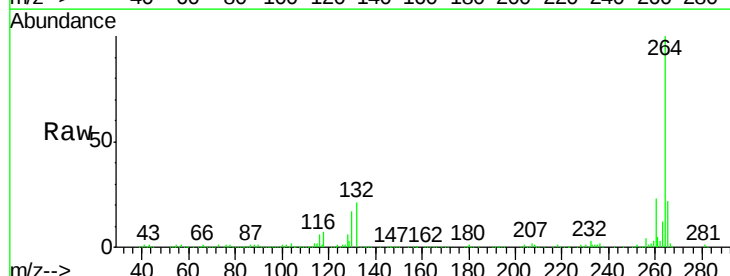
Instrument :
BNA_F
ClientSampleId :

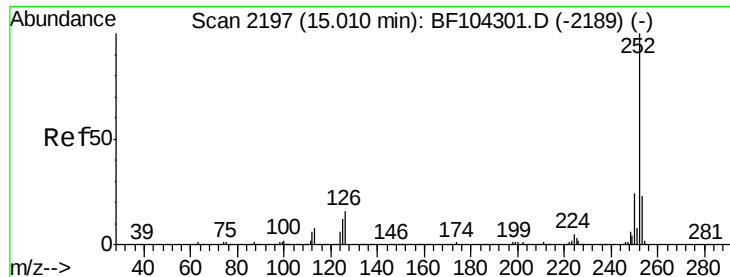
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.0	37.6
277	25.4	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.5	26.3

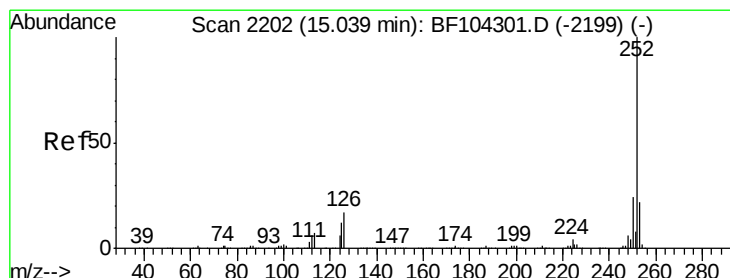
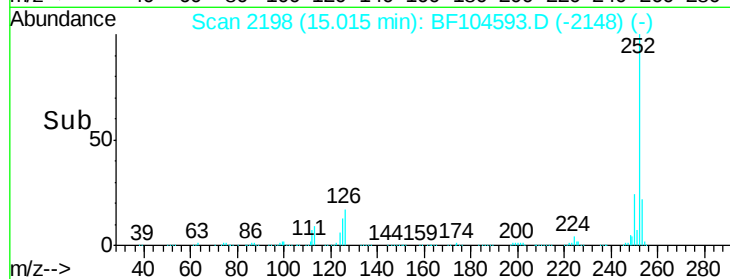
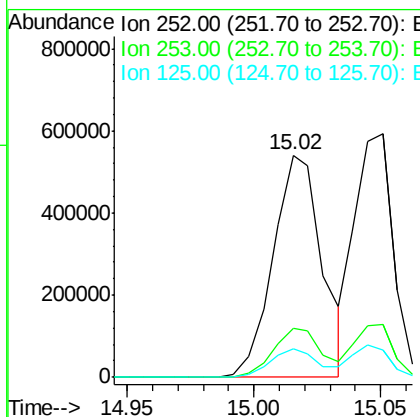
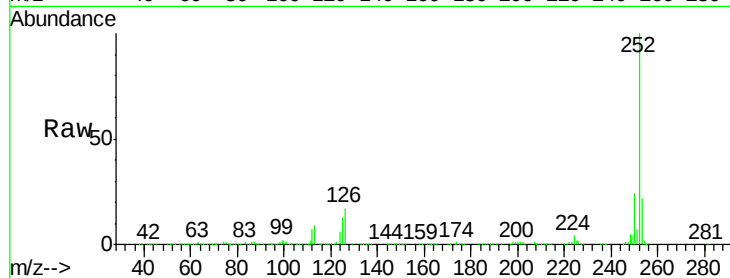




#87
Benzo(b)fluoranthene
Concen: 43.376 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

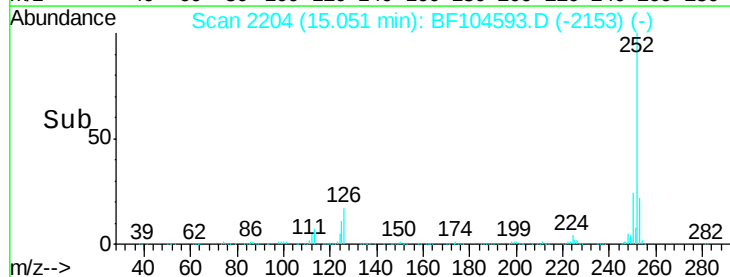
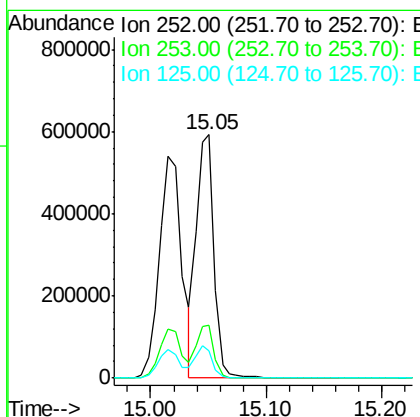
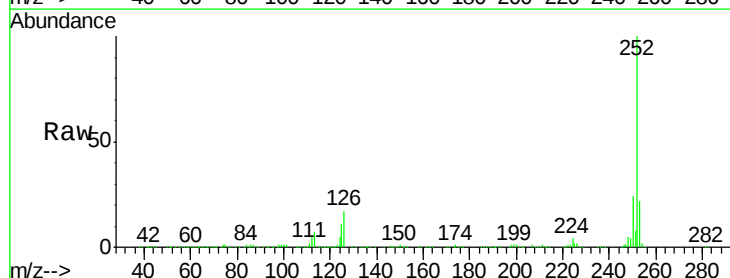
Instrument :
BNA_F
ClientSampleId :

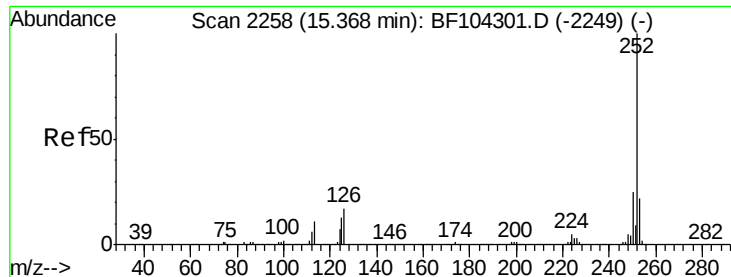
Tot Ion:252 Resp: 730375
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.941 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF104593.D
Acq: 18 Apr 2018 11:32

Tgt Ion:252 Resp: 634935
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 45.618 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

Instrument :

BNA_F

ClientSampleId :

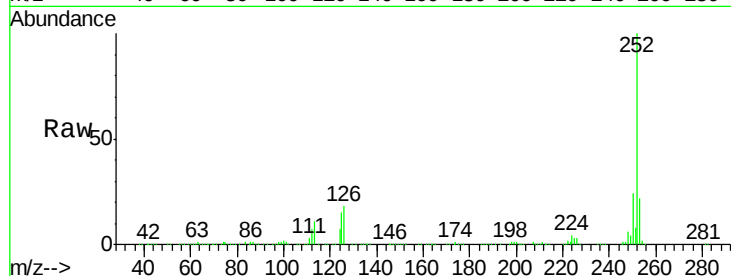
Tot Ion:252 Resp: 687287

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

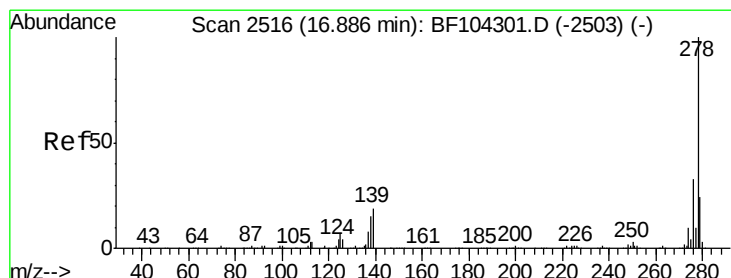
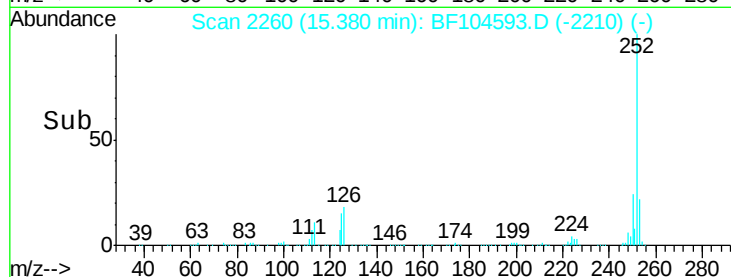
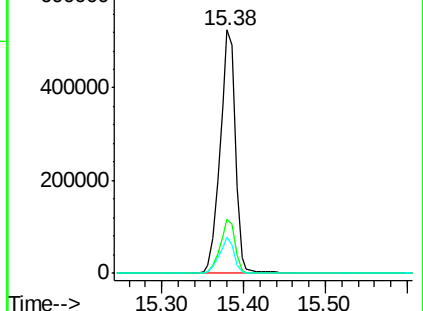
125 14.8 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 60.548 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF104593.D

Acq: 18 Apr 2018 11:32

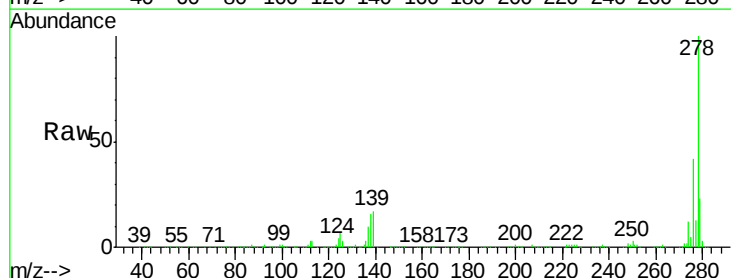
Tgt Ion:278 Resp: 749203

Ion Ratio Lower Upper

278 100

139 16.9 15.9 23.9

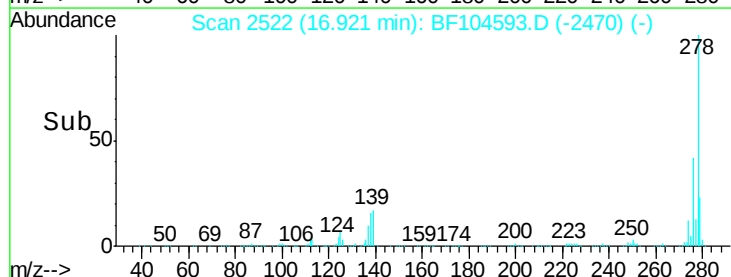
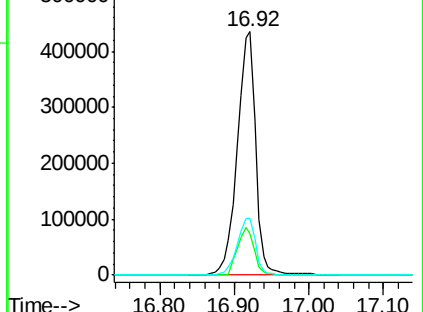
279 23.5 19.0 28.4

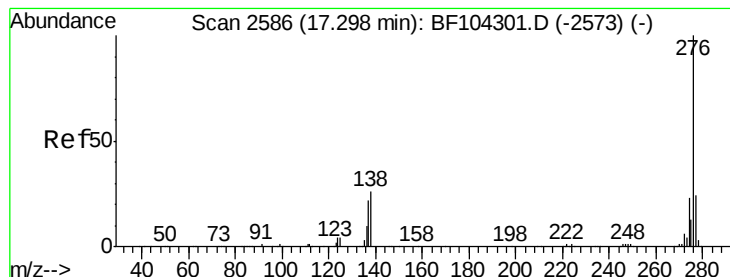


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

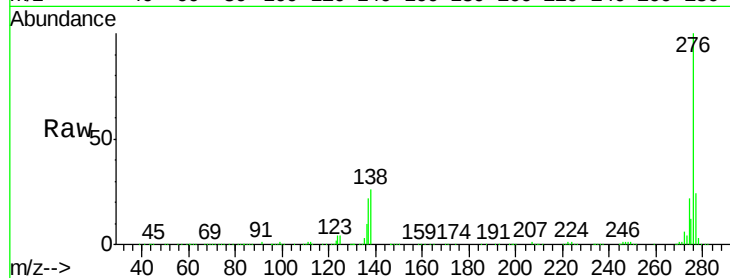




#91
 Benzo(a,h,i)perylene
 Concen: 66.712 ng
 RT: 17.34 min Scan# 2594
 Delta R.T. 0.01 min
 Lab File: BF104593.D
 Acq: 18 Apr 2018 11:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	26.2	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

