

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104611.D
 Acq On : 18 Apr 2018 19:31
 Operator : JU/SJ
 Sample : PB108320BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:15:35 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	127577	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	508647	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	212230	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	327307	20.00	ng	0.00
75) Chrysene-d12	13.98	240	270945	20.00	ng	0.00
86) Perylene-d12	15.44	264	266755	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1037267	124.32	ng	0.01
7) Phenol-d6	6.45	99	1257771	122.69	ng	0.01
23) Nitrobenzene-d5	7.37	82	798813	102.55	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	271701	123.42	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1320701	98.31	ng	0.00
78) Terphenyl-d14	12.92	244	1061029	89.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	149767	38.523	ng	# 90
3) Pyridine	3.32	79	427175	39.081	ng	# 86
4) n-Nitrosodimethylamine	3.28	42	170797	44.700	ng	# 74
6) Aniline	6.47	93	212157	14.896	ng	# 84
8) 2-Chlorophenol	6.59	128	395558	44.918	ng	96
9) Benzaldehyde	6.36	77	241112	50.987	ng	96
10) Phenol	6.46	94	457361	42.048	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	373321	43.009	ng	96
12) 1,3-Dichlorobenzene	6.75	146	416629	41.761	ng	99
13) 1,4-Dichlorobenzene	6.82	146	421547	42.388	ng	99
14) 1,2-Dichlorobenzene	6.97	146	385732	41.855	ng	99
15) Benzyl Alcohol	6.95	79	320448	41.156	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	482238	41.369	ng	90
17) 2-Methylphenol	7.06	107	324825	42.433	ng	97
18) Hexachloroethane	7.32	117	145770	41.111	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	253467	37.837	ng	95
20) 3+4-Methylphenols	7.22	107	374664	39.464	ng	# 62
22) Acetophenone	7.22	105	503500	40.207	ng	96
24) Nitrobenzene	7.39	77	400275	46.542	ng	97
25) Isophorone	7.63	82	726565	44.108	ng	99
26) 2-Nitrophenol	7.70	139	208269	59.485	ng	98
27) 2,4-Dimethylphenol	7.75	122	339890	46.754	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	474382	47.102	ng	99
29) 2,4-Dichlorophenol	7.95	162	314054	45.276	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	327681	43.046	ng	100
31) Naphthalene	8.11	128	1089607	43.020	ng	99
32) Benzoic acid	7.87	122	208539	35.952	ng	96
33) 4-Chloroaniline	8.16	127	70927	6.537	ng	96
34) Hexachlorobutadiene	8.22	225	175356	42.056	ng	98
35) Caprolactam	8.54	113	99364	41.064	ng	# 85
36) 4-Chloro-3-methylphenol	8.65	107	328677	44.191	ng	100
37) 2-Methylnaphthalene	8.80	142	704393	42.995	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	291443	47.972	ng	99
40) Hexachlorocyclopentadiene	8.95	237	159098	46.778	ng	98

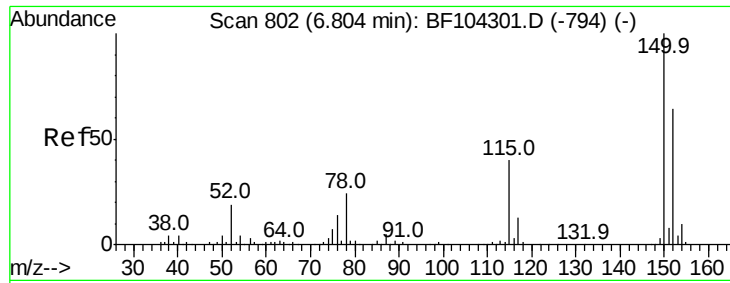
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
 Data File : BF104611.D
 Acq On : 18 Apr 2018 19:31
 Operator : JU/SJ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	201602	47.803	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	207067	43.876	nq	94
45) 1,1'-Biphenyl	9.27	154	800623	44.906	nq	99
46) 2-Chloronaphthalene	9.29	162	633097	44.956	nq	99
47) 2-Nitroaniline	9.39	65	188513	54.130	nq	96
48) Acenaphthylene	9.71	152	932984	42.226	nq	99
49) Dimethylphthalate	9.57	163	760792	45.458	nq	99
50) 2,6-Dinitrotoluene	9.63	165	165907	53.574	nq	95
51) Acenaphthene	9.88	154	534629	39.658	nq	99
52) 3-Nitroaniline	9.80	138	43464	11.989	nq	99
53) 2,4-Dinitrophenol	9.91	184	66957	59.763	nq	# 21
54) Dibenzofuran	10.05	168	814995	43.381	nq	98
55) 4-Nitrophenol	9.97	139	235334	82.634	nq	95
56) 2,4-Dinitrotoluene	10.04	165	199175	49.032	nq	96
57) Fluorene	10.40	166	596538	43.624	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	153080	43.478	nq	95
59) Diethylphthalate	10.27	149	714487	42.866	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	282132	46.327	nq	98
61) 4-Nitroaniline	10.42	138	131687	37.149	nq	98
62) Azobenzene	10.55	77	650641	40.858	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	52382	35.178	nq	79
65) n-Nitrosodiphenylamine	10.50	169	558665	49.228	nq	100
66) 4-Bromophenyl-phenylether	10.87	248	173007	49.693	nq	96
67) Hexachlorobenzene	10.94	284	181785	46.404	nq	95
68) Atrazine	11.03	200	174728	51.008	nq	100
69) Pentachlorophenol	11.14	266	168639	69.584	nq	96
70) Phenanthrene	11.36	178	809541	44.413	nq	99
71) Anthracene	11.41	178	819911	44.251	nq	99
72) Carbazole	11.57	167	757600	41.843	nq	99
73) Di-n-butylphthalate	11.89	149	1004357	45.411	nq	99
74) Fluoranthene	12.55	202	797194	41.860	nq	99
76) Benzidine	12.67	184	433040	50.697	nq	98
77) Pyrene	12.78	202	791900	39.431	nq	99
79) Butylbenzylphthalate	13.39	149	389526	41.169	nq	99
80) Benzo(a)anthracene	13.97	228	756869	46.759	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	237841	39.409	nq	99
82) Chrysene	14.01	228	716879	43.118	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	538937	44.284	nq	99
84) Di-n-octyl phthalate	14.57	149	947589	46.599	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.90	276	662876	46.934	nq	98
87) Benzo(b)fluoranthene	15.02	252	755720	44.856	nq	98
88) Benzo(k)fluoranthene	15.05	252	739615	46.500	nq	100
89) Benzo(a)pyrene	15.39	252	704025	46.703	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	567762	45.858	nq	99
91) Benzo(g,h,i)perylene	17.34	276	522120	43.529	nq	97

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

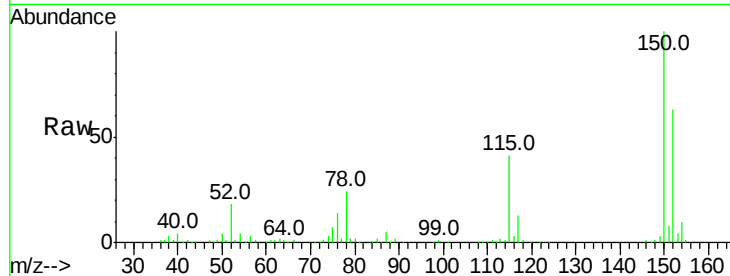


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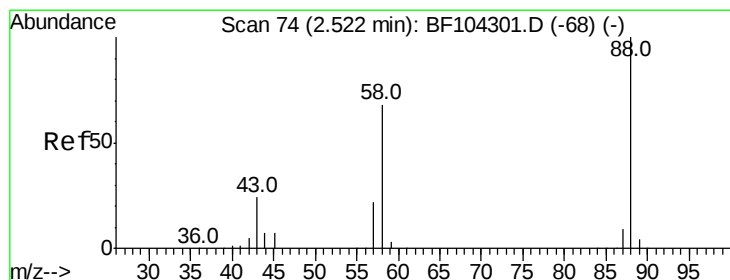
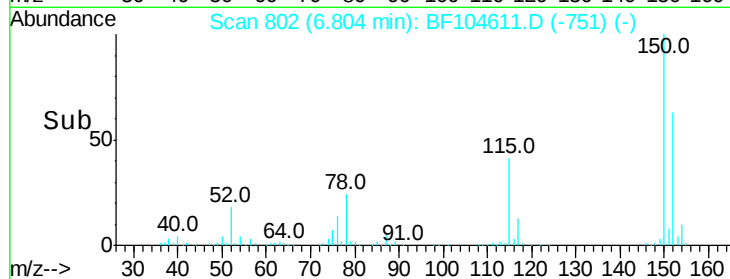
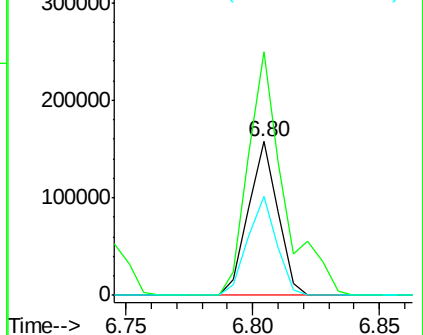
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127577
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 64.5 50.1 75.1



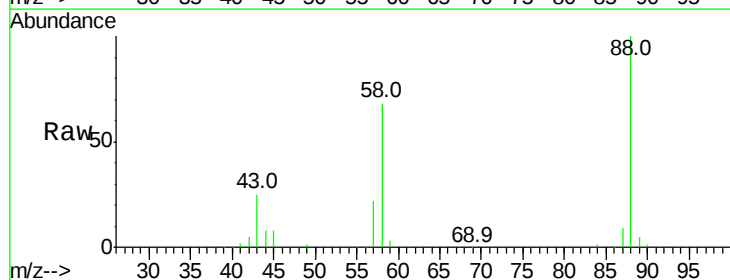
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



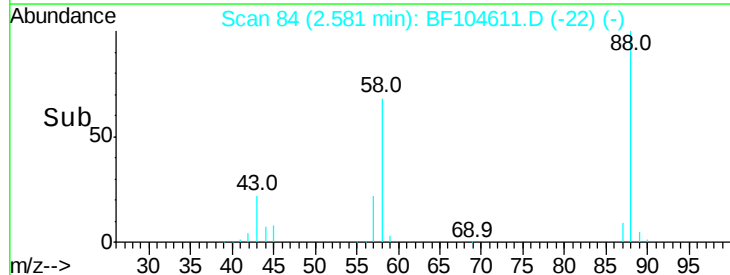
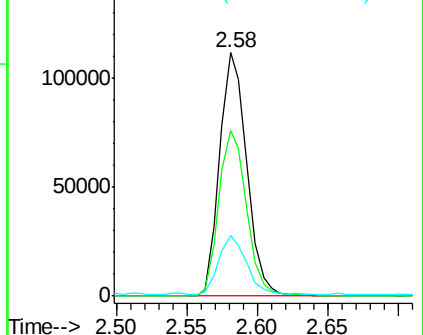
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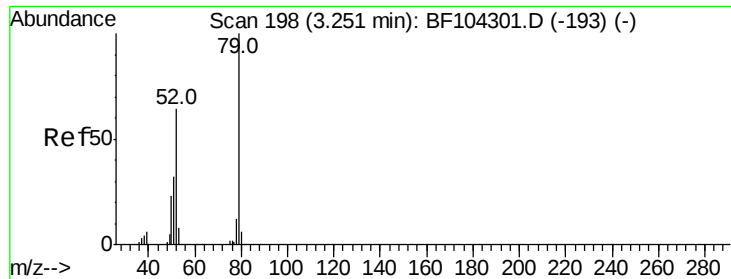
1,4-Dioxane
Concen: 38.523 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.06 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion: 88 Resp: 149767
Ion Ratio Lower Upper
88 100
58 69.8 62.6 93.8
43 24.3 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: 39.081 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

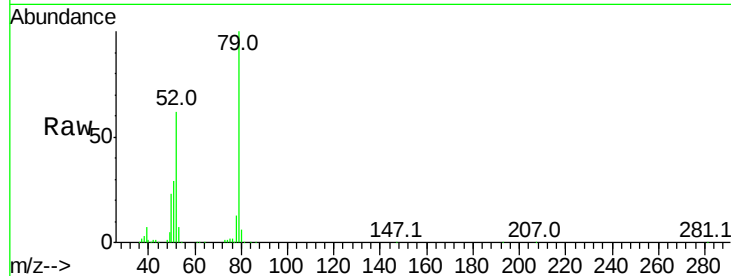
Tot Ion: 79 Resp: 427175

Ion Ratio Lower Upper

79 100

52 62.5 59.8 89.6

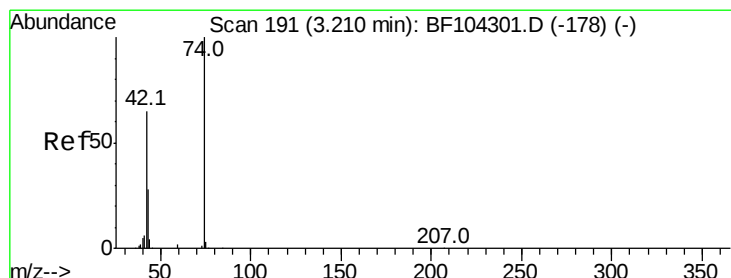
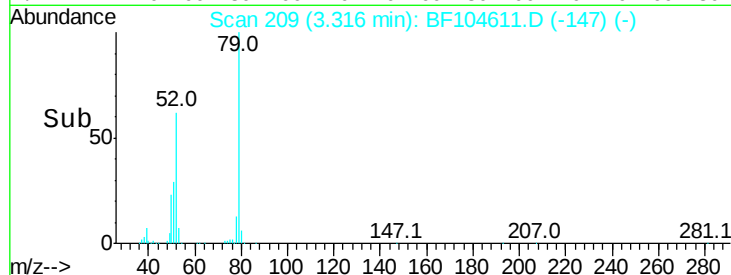
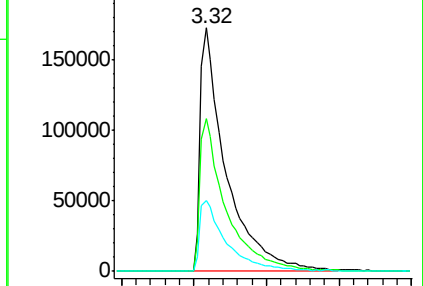
51 29.3 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.700 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.06 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

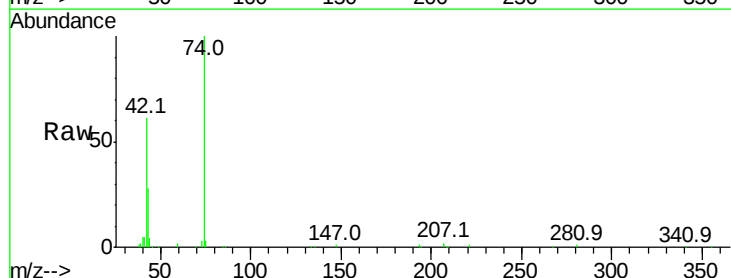
Tgt Ion: 42 Resp: 170797

Ion Ratio Lower Upper

42 100

74 163.0 104.9 157.3#

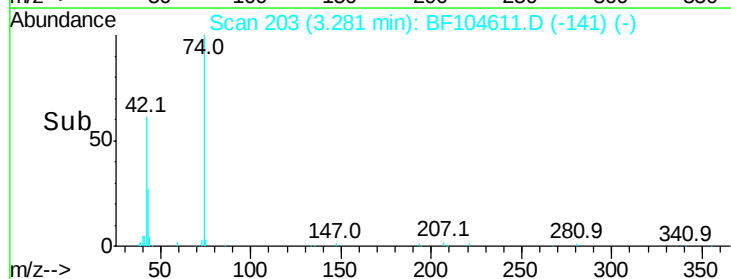
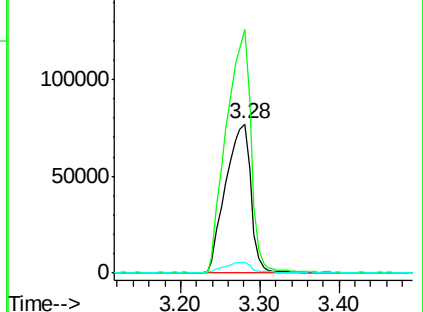
44 7.2 6.9 10.3

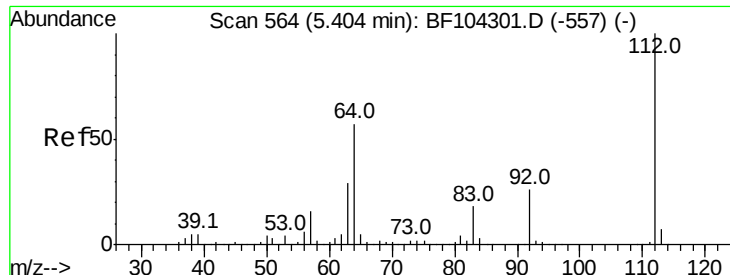


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.320 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampled :

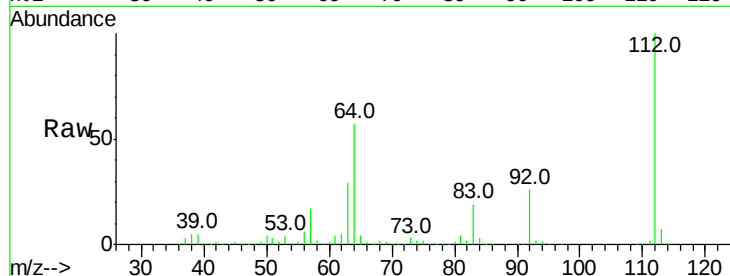
Tot Ion:112 Resp: 1037267

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

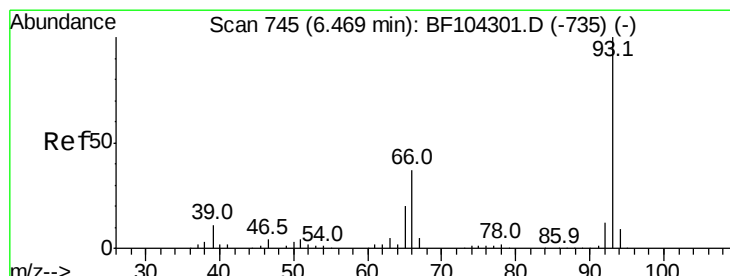
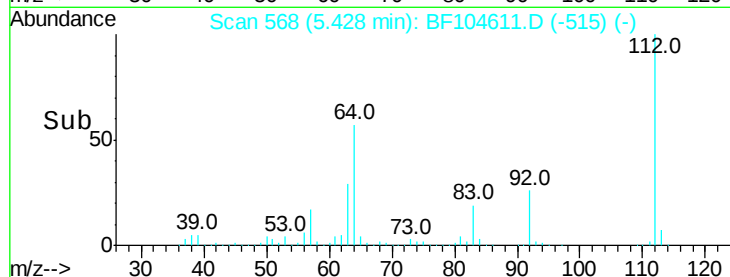
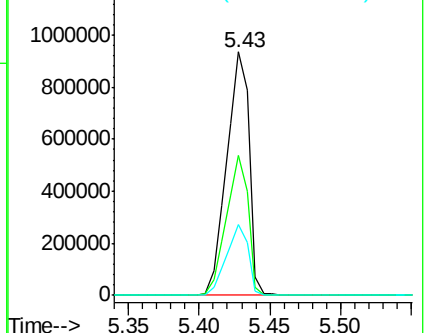
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.896 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

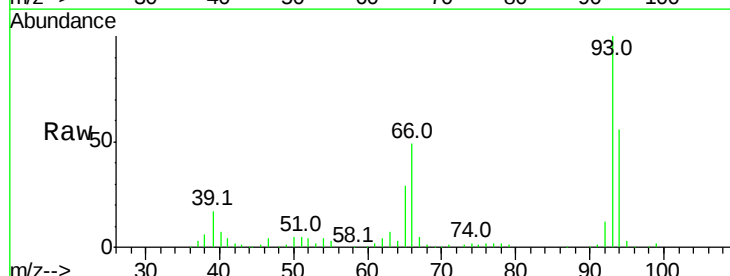
Tgt Ion: 93 Resp: 212157

Ion Ratio Lower Upper

93 100

66 49.3 32.2 48.2#

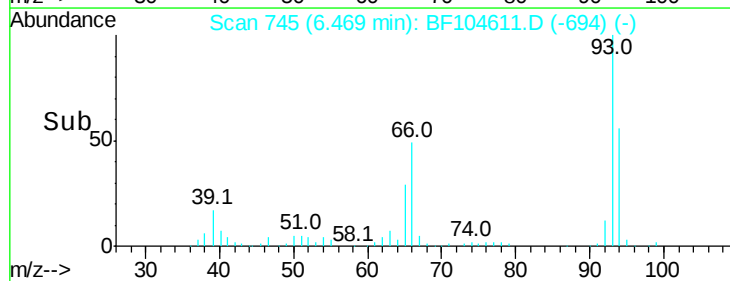
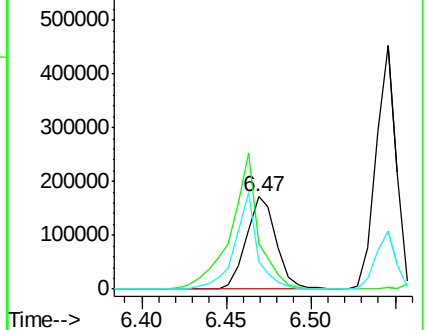
65 28.9 16.4 24.6#



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: 122.692 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

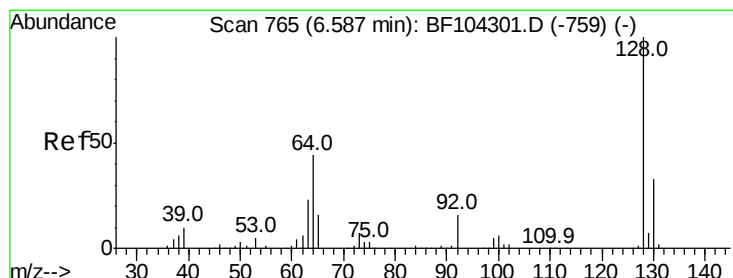
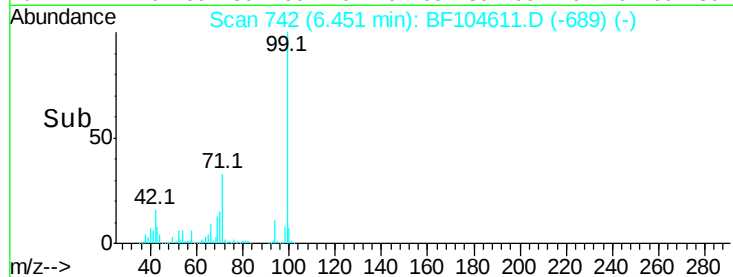
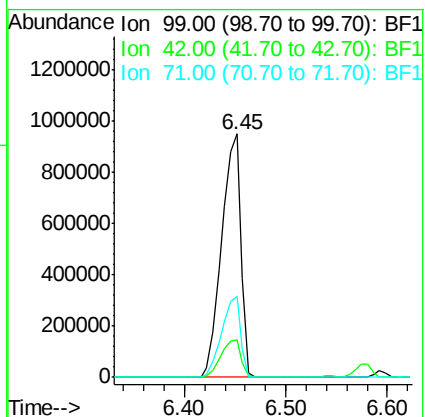
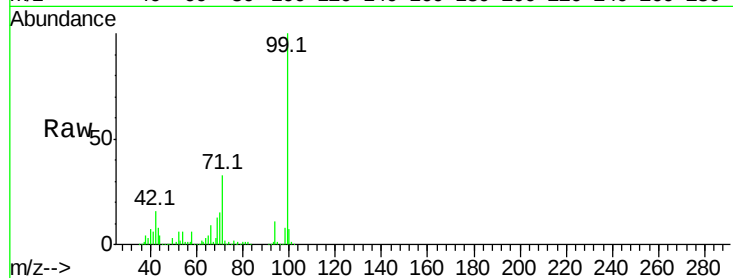
Tot Ion: 99 Resp: 1257771

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 33.3 25.4 38.0



#8

2-Chlorophenol

Concen: 44.918 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

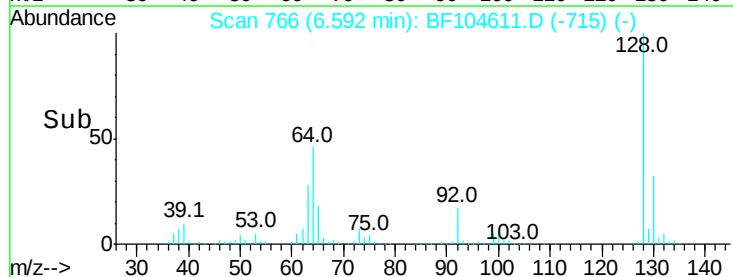
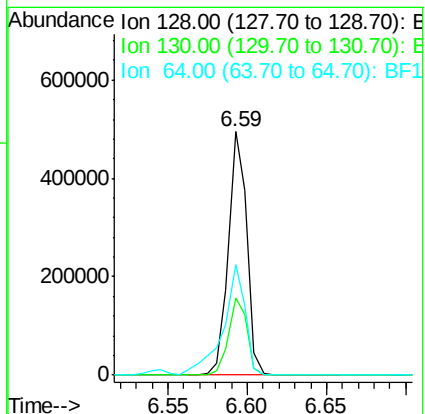
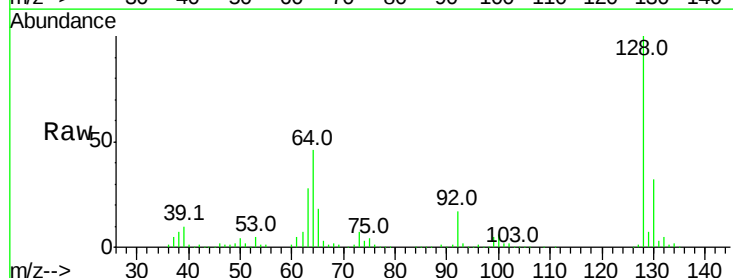
Tgt Ion:128 Resp: 395558

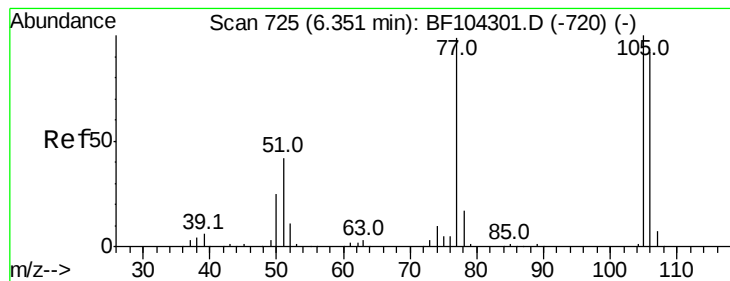
Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

64 45.6 29.4 69.4





#9

Benzaldehyde

Concen: 50.987 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

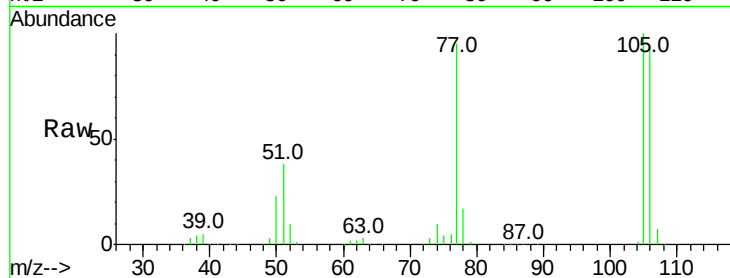
Tot Ion: 77 Resp: 241112

Ion Ratio Lower Upper

77 100

105 104.9 81.1 121.1

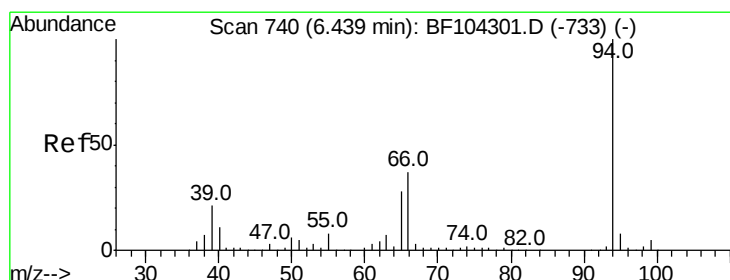
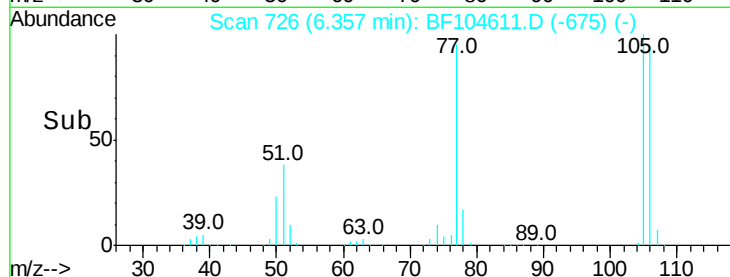
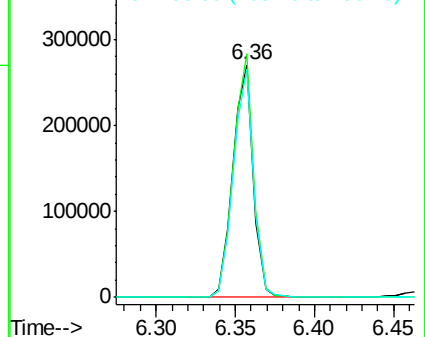
106 98.1 74.5 114.5



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: 42.048 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

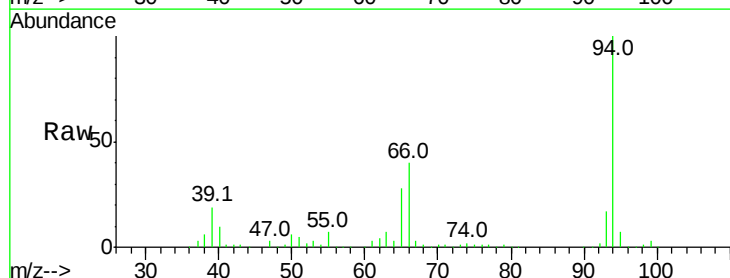
Tgt Ion: 94 Resp: 457361

Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

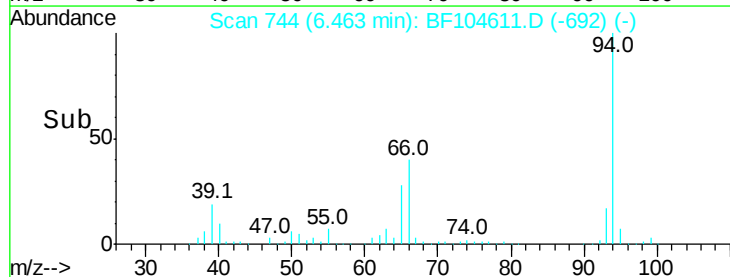
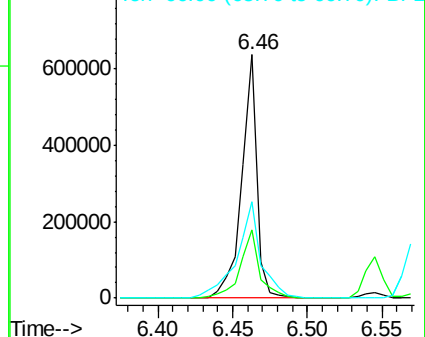
66 39.5 16.2 56.2

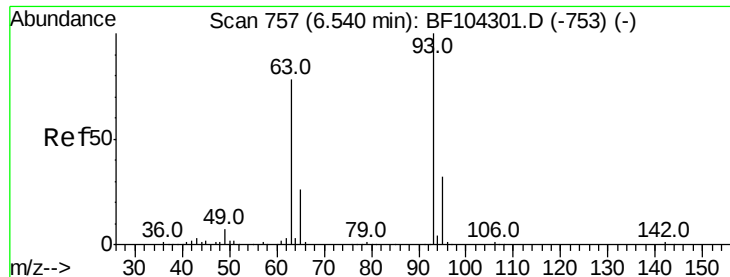


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

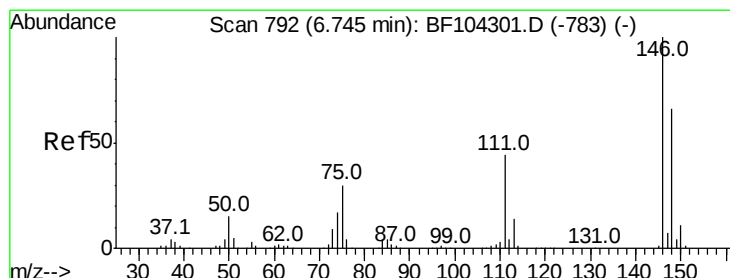
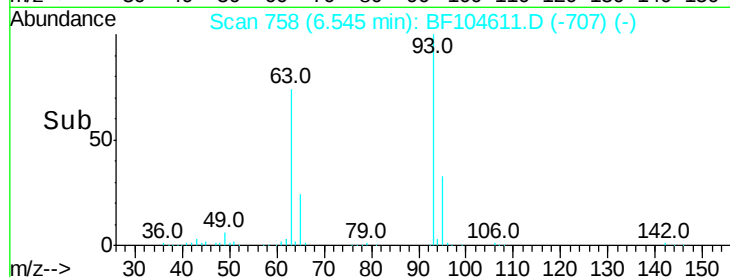
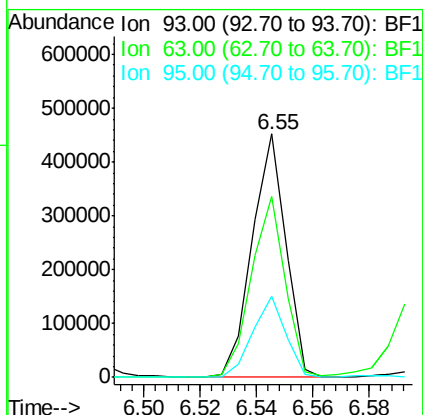
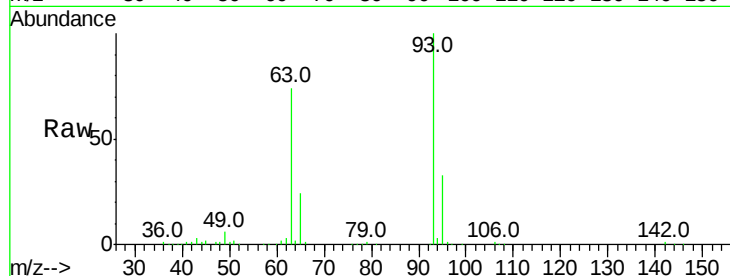




#11
bis(2-Chloroethyl)ether
Concen: 43.009 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

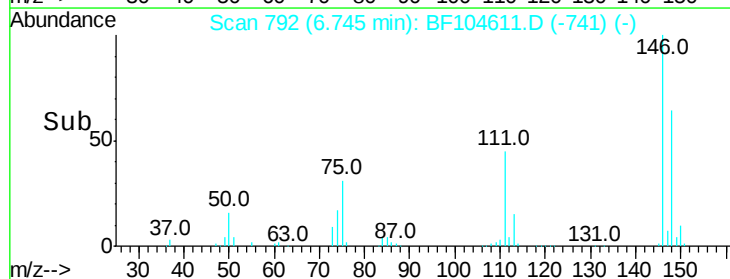
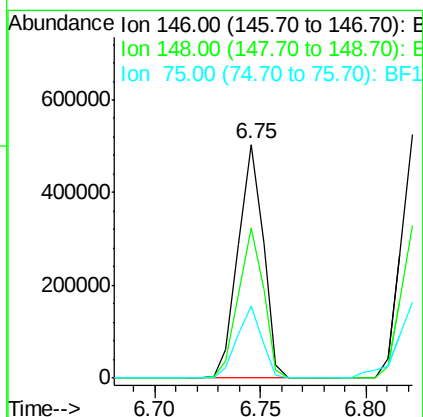
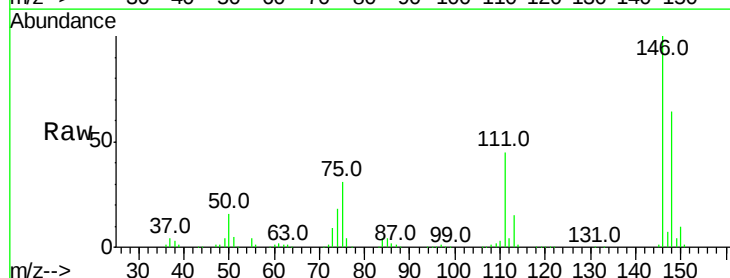
Instrument :
BNA_F
ClientSampleId :

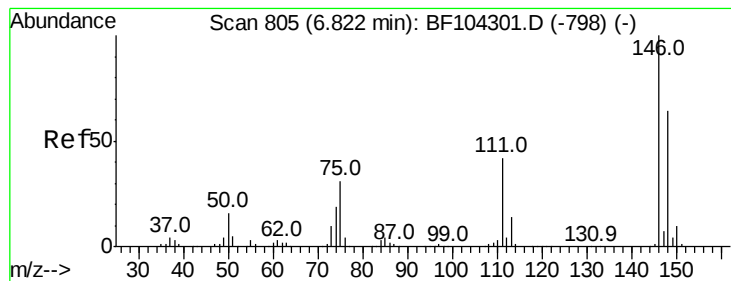
Tot Ion: 93 Resp: 373321
Ion Ratio Lower Upper
93 100
63 74.4 58.6 98.6
95 33.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.761 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion: 146 Resp: 416629
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 30.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 42.388 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

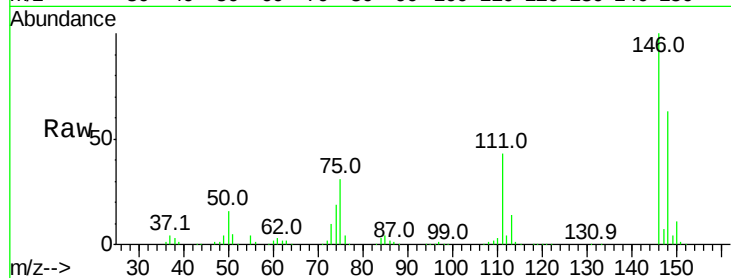
Tot Ion:146 Resp: 421547

Ion Ratio Lower Upper

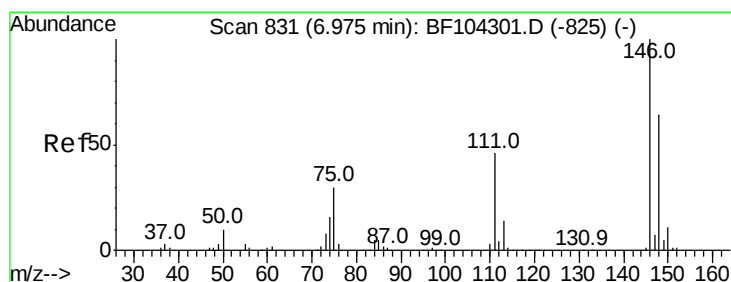
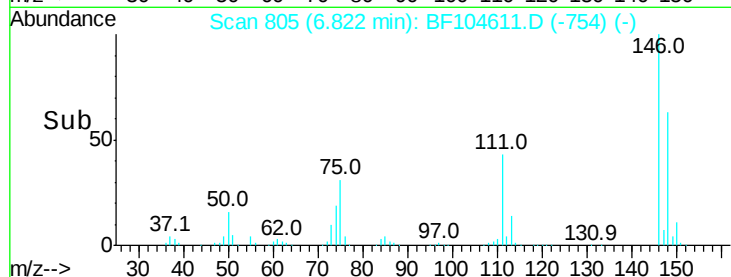
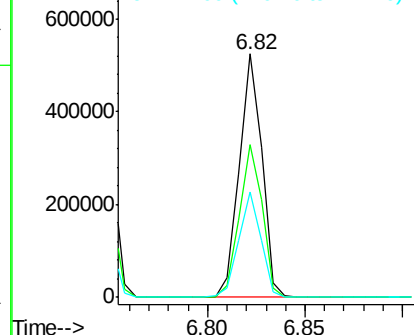
146 100

148 62.9 50.8 76.2

111 43.4 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 41.855 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

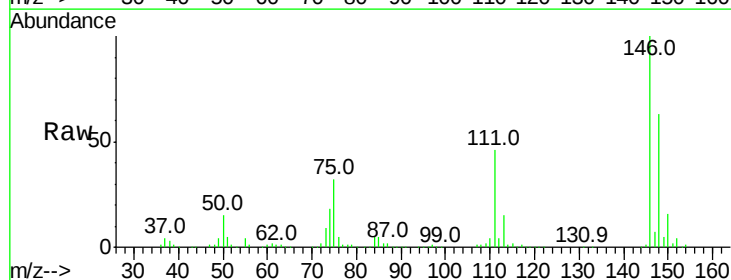
Tgt Ion:146 Resp: 385732

Ion Ratio Lower Upper

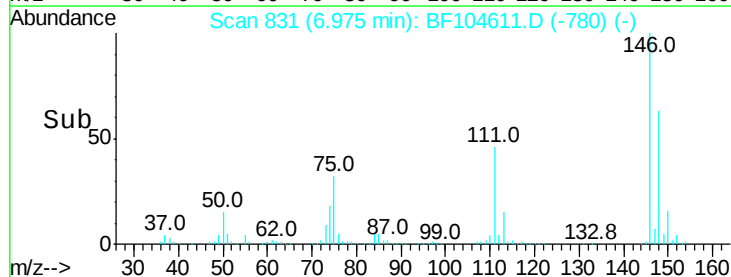
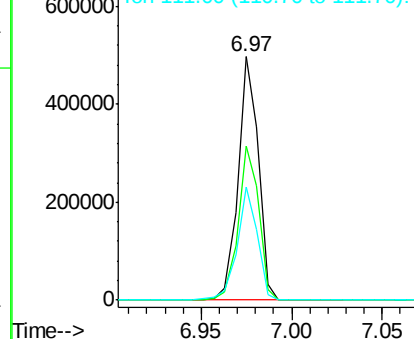
146 100

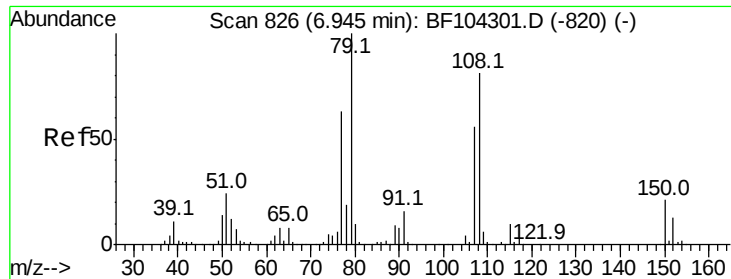
148 63.4 50.6 75.8

111 46.2 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

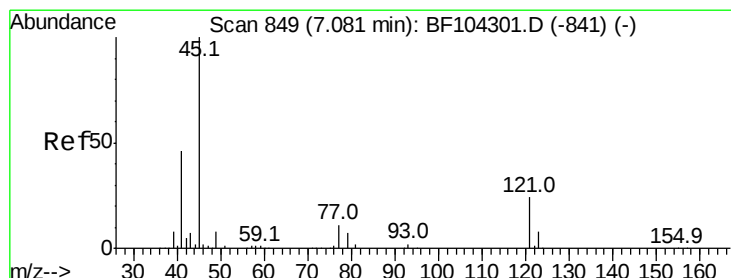
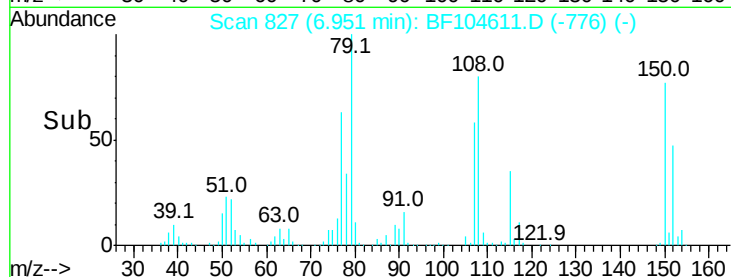
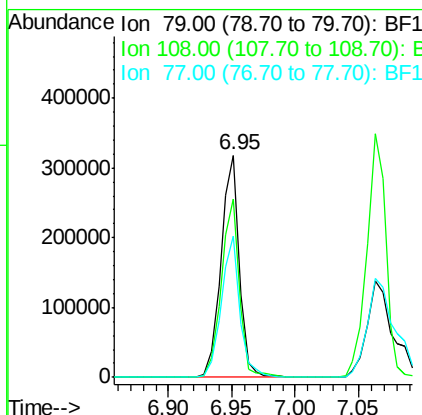
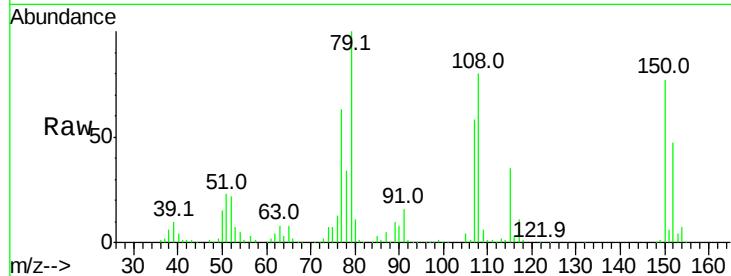




#15
Benzyl Alcohol
Concen: 41.156 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

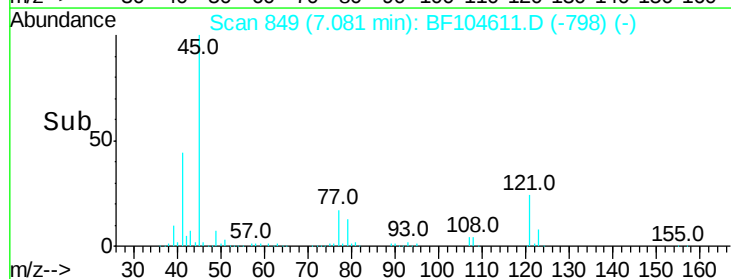
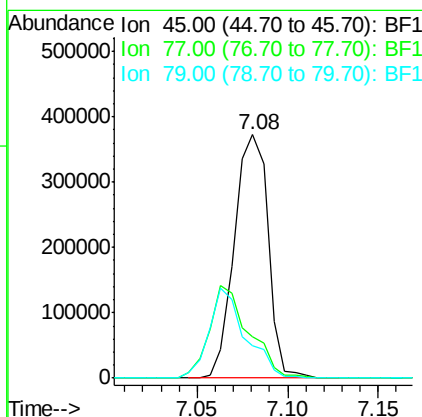
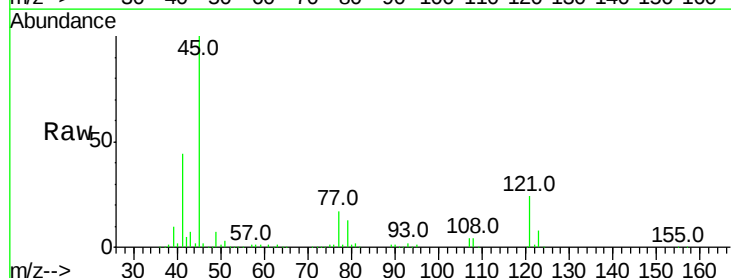
Instrument :
BNA_F
ClientSampled :

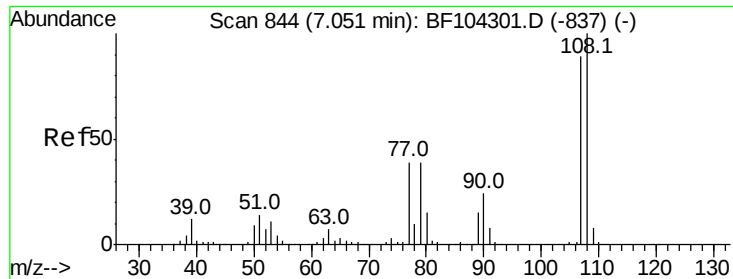
Tot Ion: 79 Resp: 320448
Ion Ratio Lower Upper
79 100
108 80.4 65.1 97.7
77 63.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.369 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion: 45 Resp: 482238
Ion Ratio Lower Upper
45 100
77 16.9 0.0 32.9
79 13.1 0.0 29.6





#17

2-Methylphenol

Concen: 42.433 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 324825

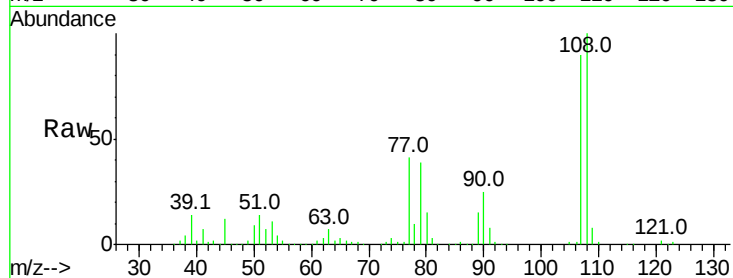
Ion Ratio Lower Upper

107 100

108 111.2 91.7 137.5

77 45.5 33.8 50.8

79 43.8 33.8 50.8

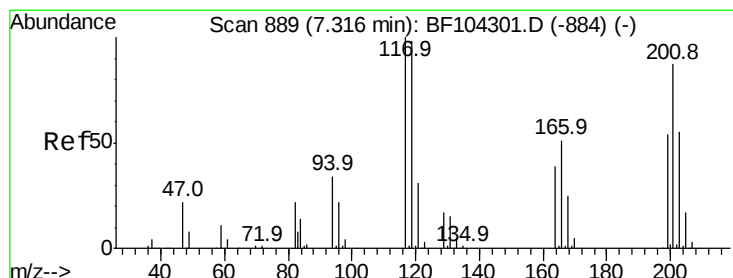
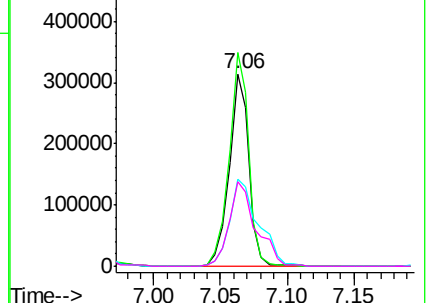
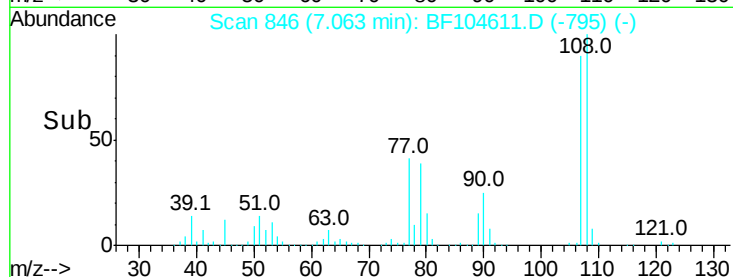


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.111 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

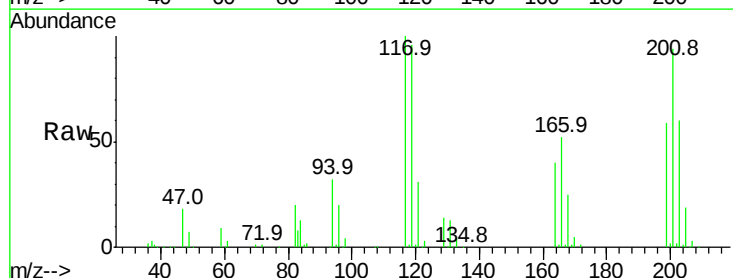
Tgt Ion:117 Resp: 145770

Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

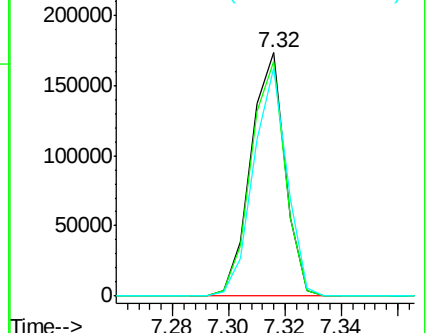
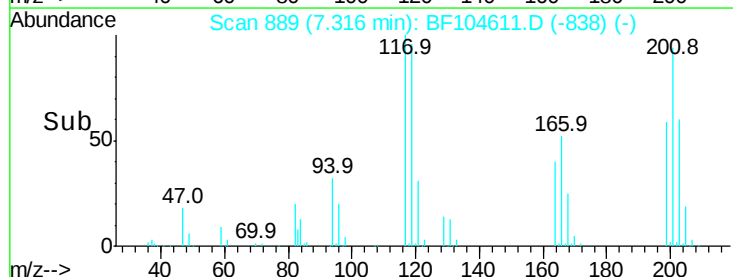
201 93.8 75.7 113.5

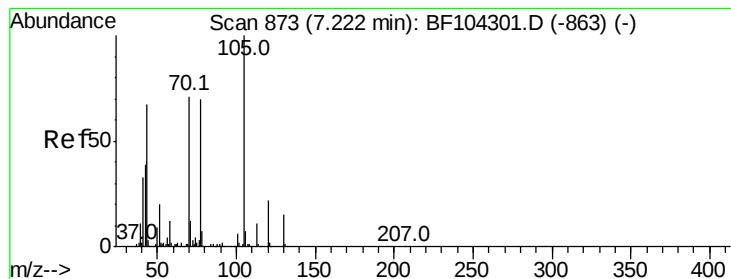


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.837 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 253467

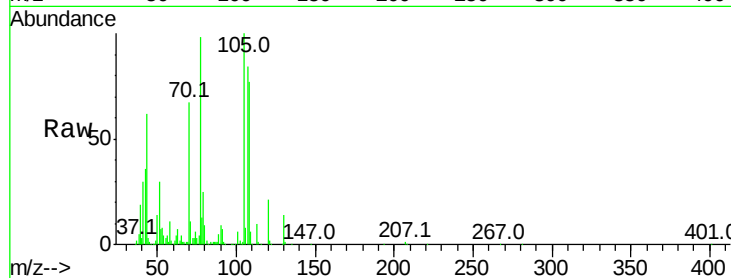
Ion Ratio Lower Upper

70 100

42 53.6 47.5 71.3

101 9.4 7.4 11.2

130 20.8 16.6 25.0

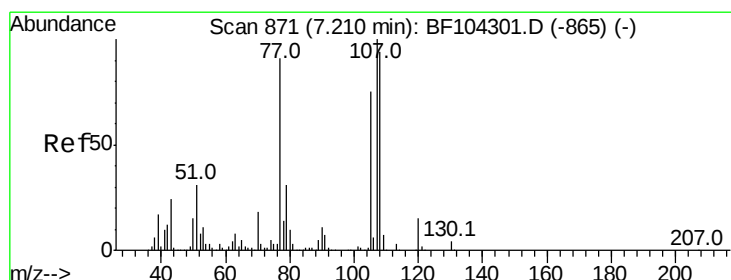
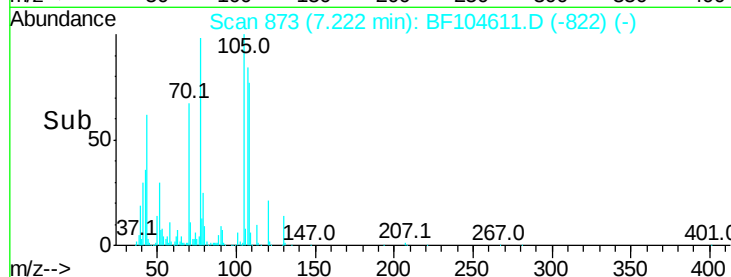
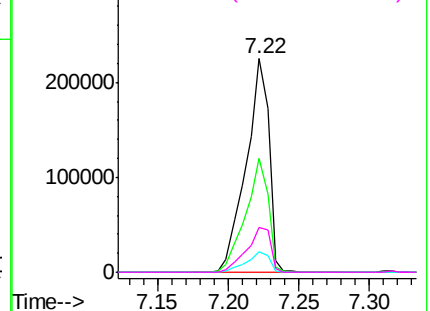


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.464 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Tgt Ion: 107 Resp: 374664

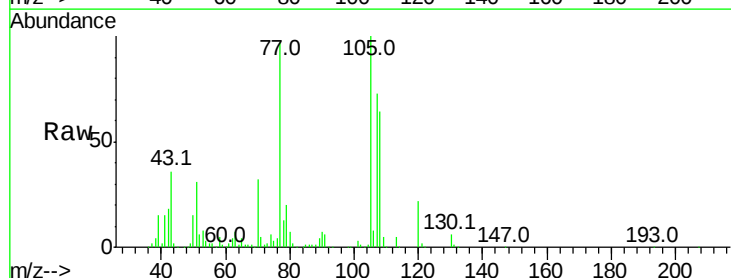
Ion Ratio Lower Upper

107 100

108 87.9 68.2 108.2

77 133.4 26.7 66.7#

79 27.7 6.3 46.3

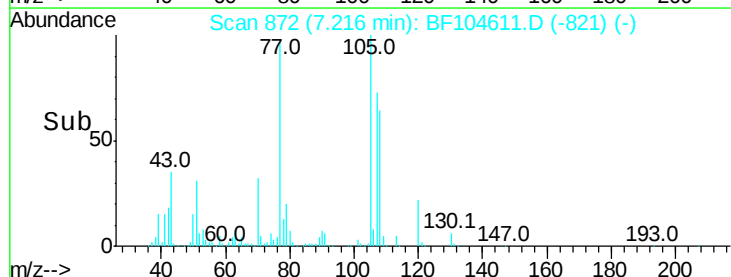
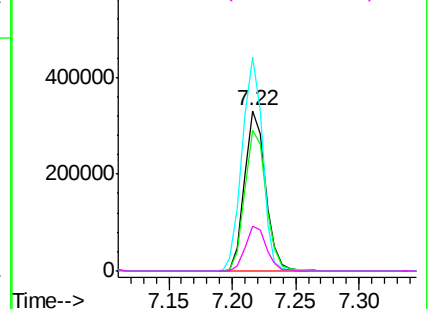


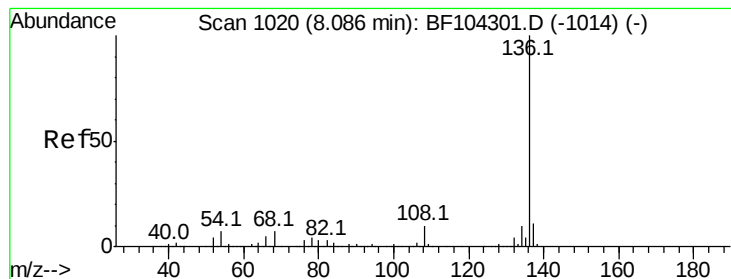
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 508647

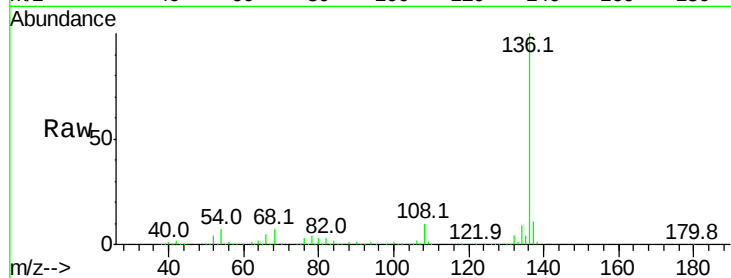
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 6.8 5.0 7.4

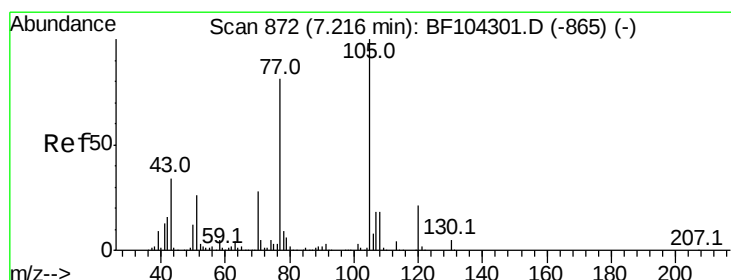
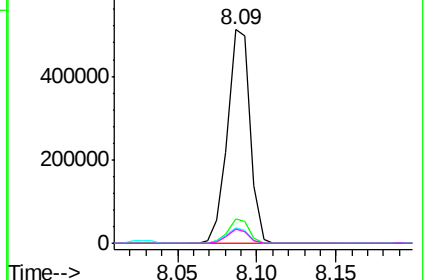
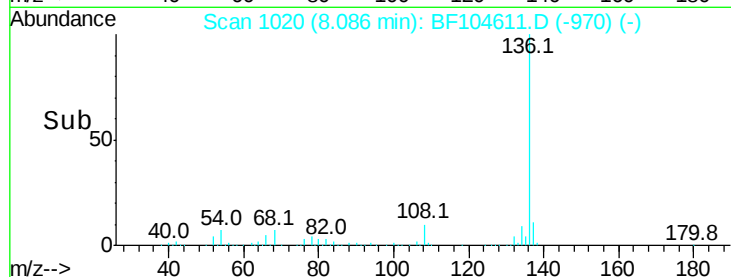


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.207 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Tgt Ion:105 Resp: 503500

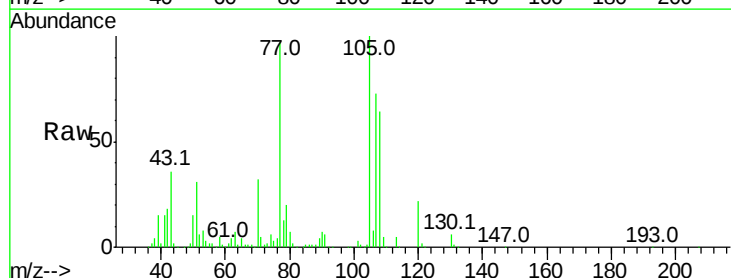
Ion Ratio Lower Upper

105 100

71 5.3 4.4 6.6

51 31.4 22.3 33.5

120 21.6 16.9 25.3

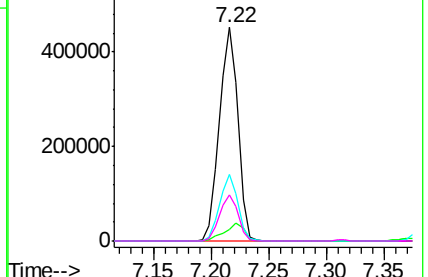
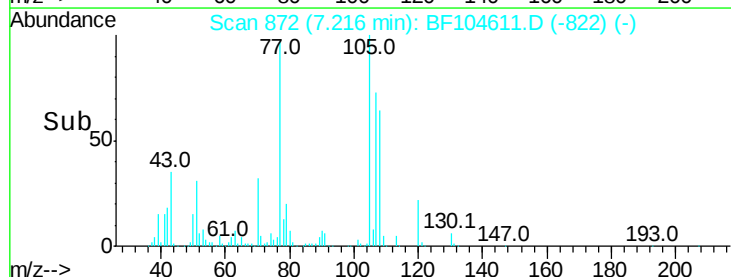


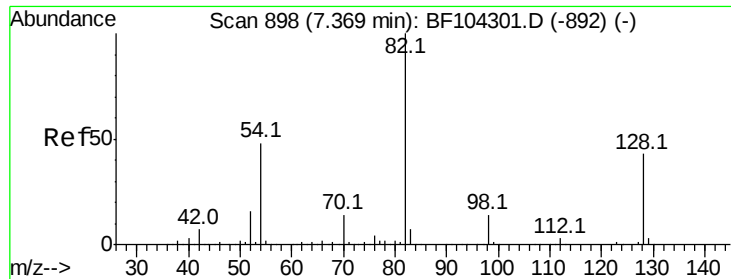
Abundance Ion 105.00 (104.70 to 105.70): E

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

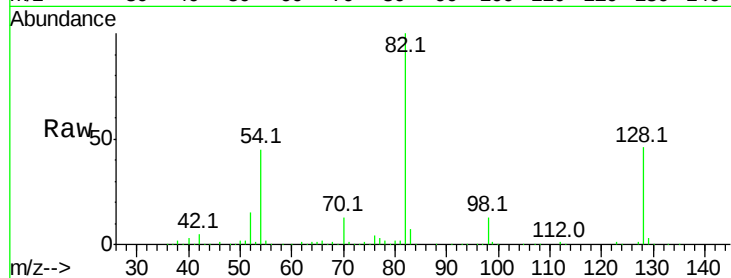




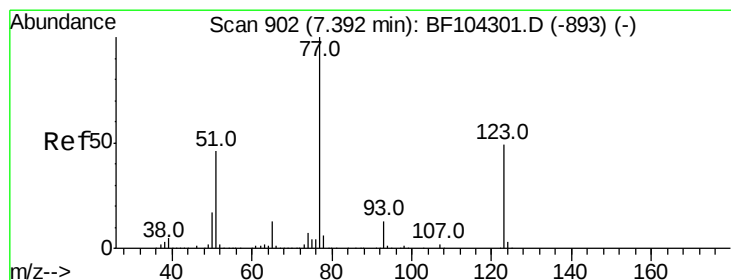
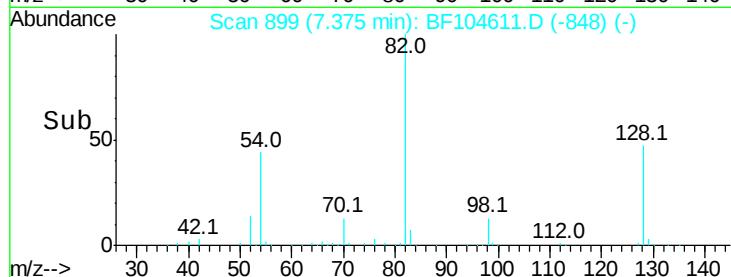
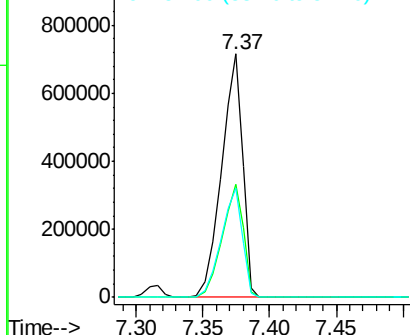
#23
Nitrobenzene-d5
Concen: 102.548 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 798813
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 44.6 41.4 62.2

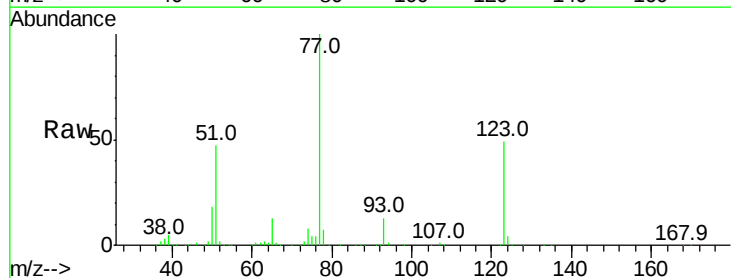


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

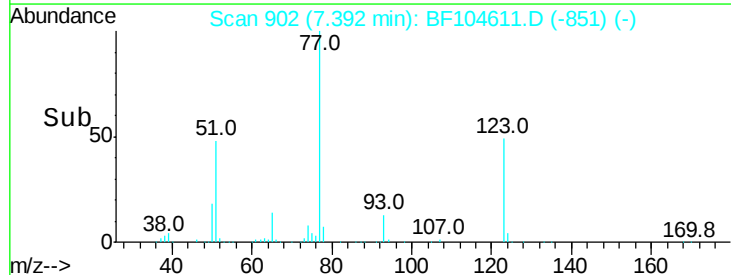
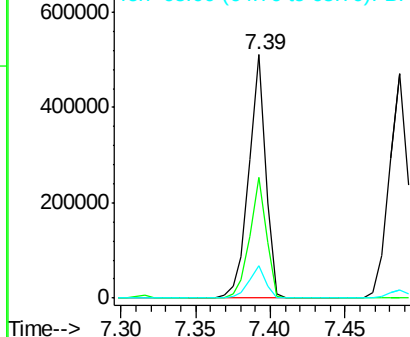


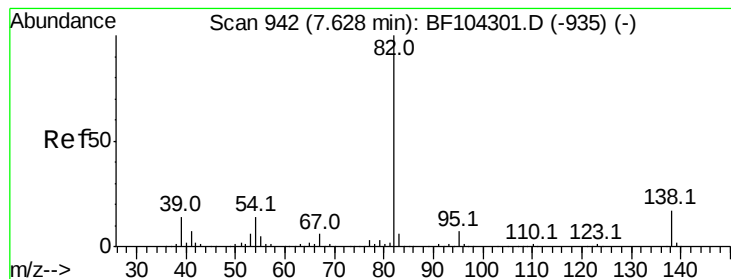
#24
Nitrobenzene
Concen: 46.542 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion: 77 Resp: 400275
Ion Ratio Lower Upper
77 100
123 49.4 37.9 56.9
65 13.1 11.0 16.4



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





#25

Isophorone

Concen: 44.108 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

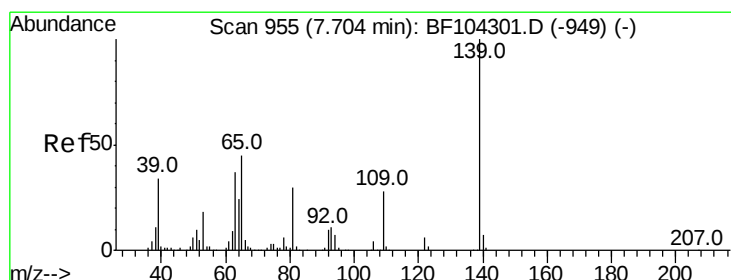
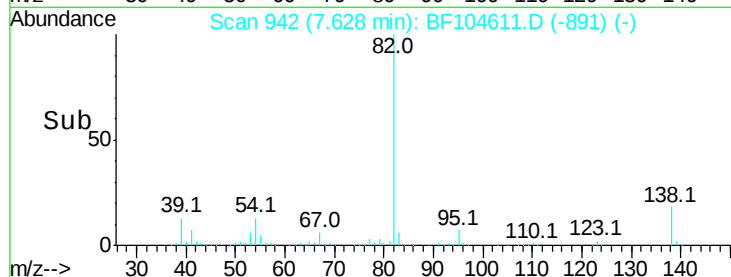
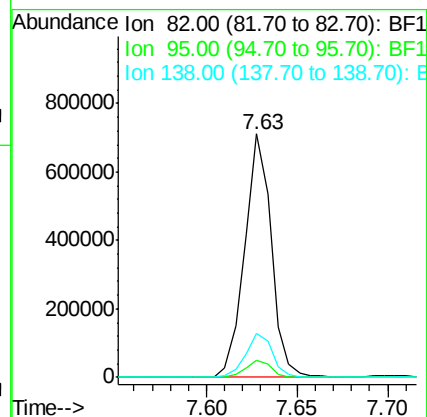
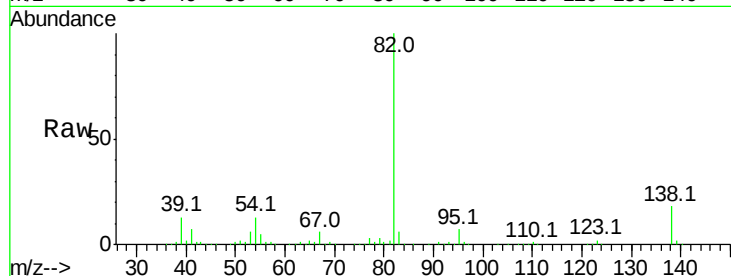
Tot Ion: 82 Resp: 726565

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 59.485 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

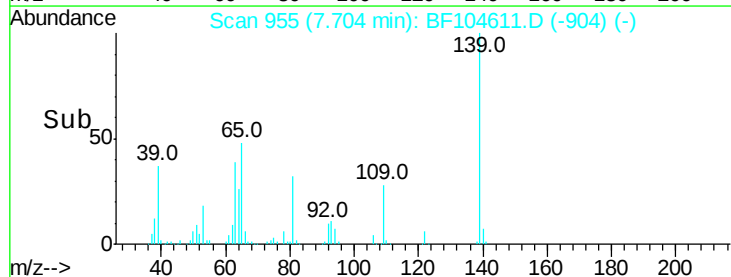
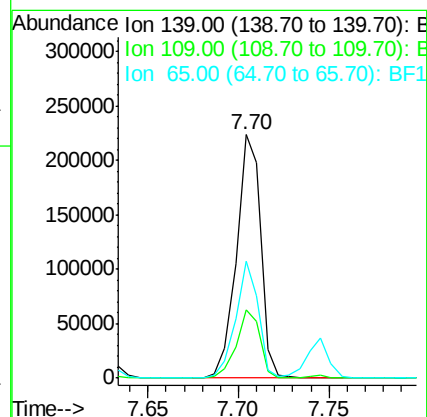
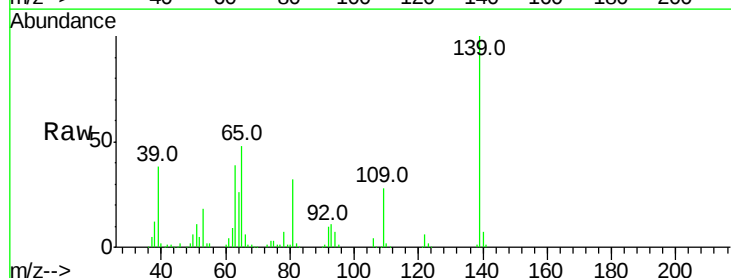
Tgt Ion:139 Resp: 208269

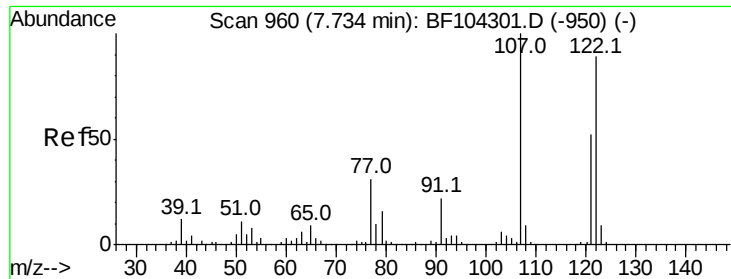
Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

65 48.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.754 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

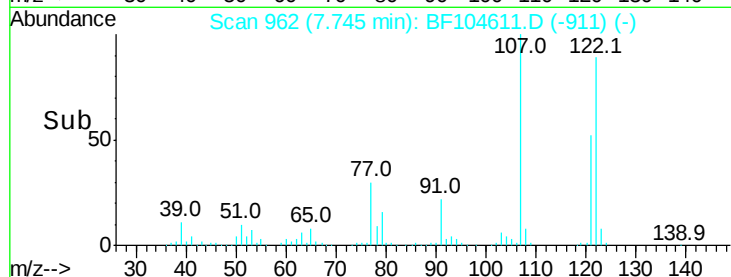
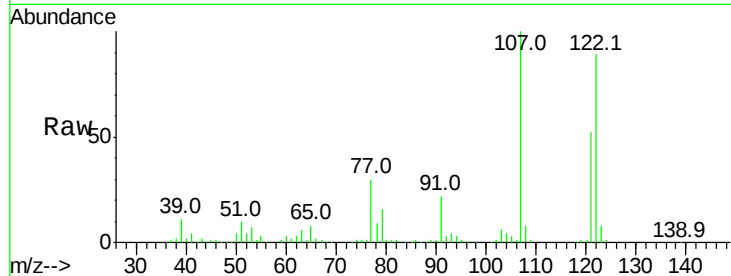
Tot Ion:122 Resp: 339890

Ion Ratio Lower Upper

122 100

107 113.0 91.2 136.8

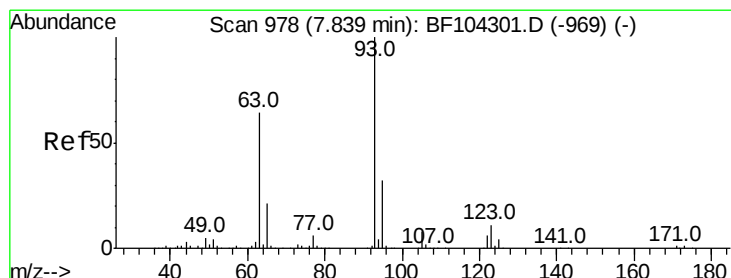
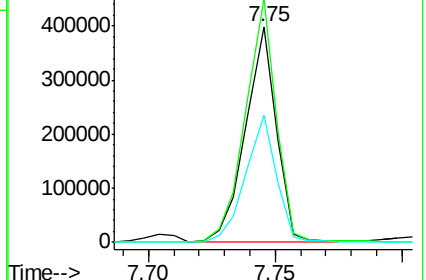
121 59.3 47.2 70.8



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: 47.102 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

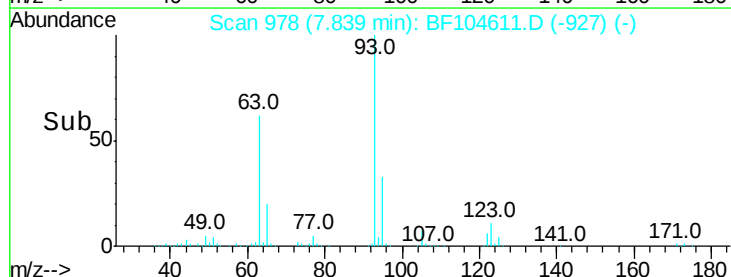
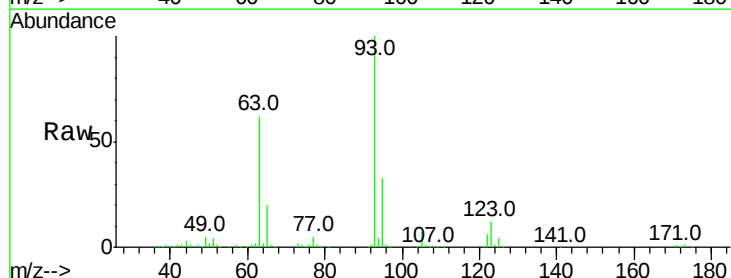
Tgt Ion: 93 Resp: 474382

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

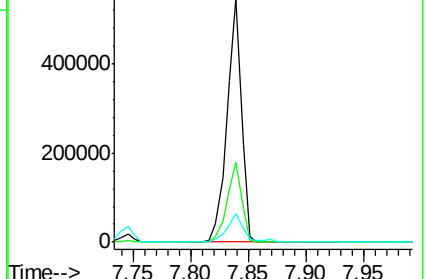
123 11.6 9.8 14.6

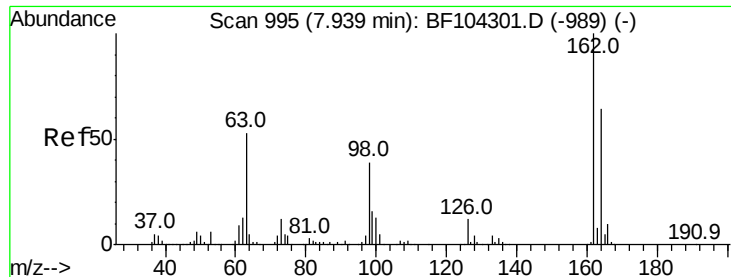


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.276 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampled :

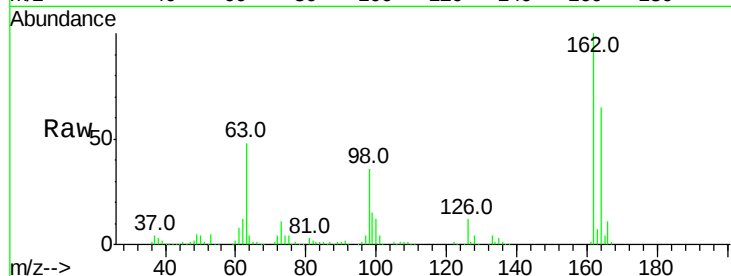
Tot Ion:162 Resp: 314054

Ion Ratio Lower Upper

162 100

164 65.2 42.7 82.7

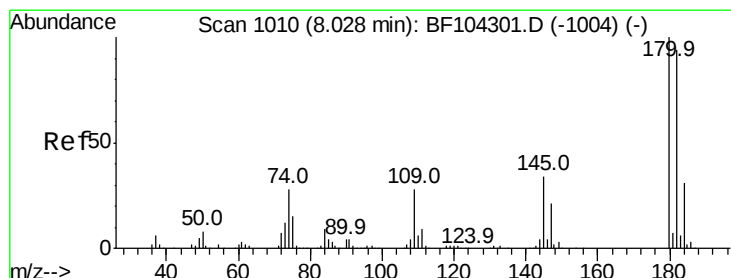
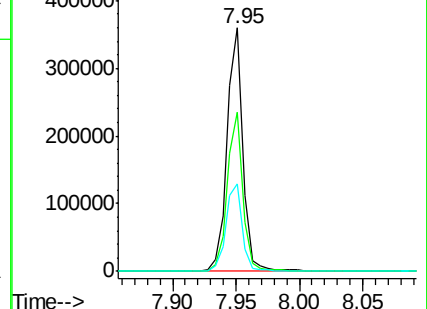
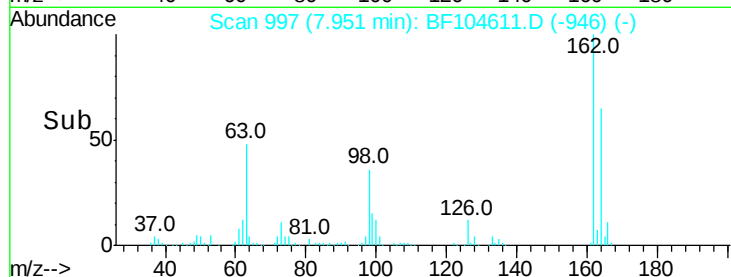
98 36.0 18.1 58.1



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: 43.046 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

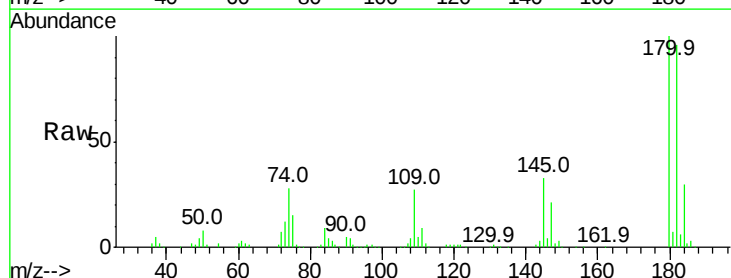
Tgt Ion:180 Resp: 327681

Ion Ratio Lower Upper

180 100

182 95.6 76.8 115.2

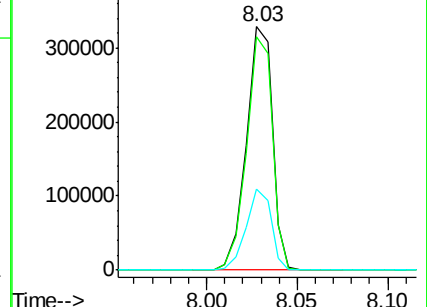
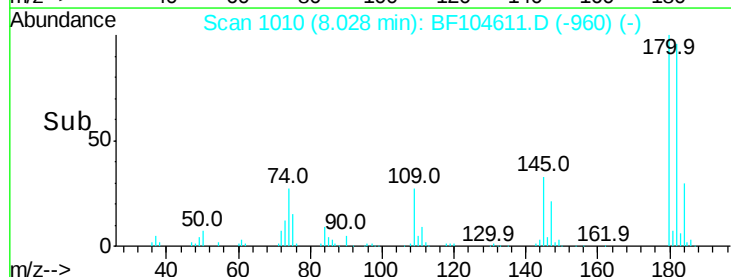
145 33.4 26.5 39.7

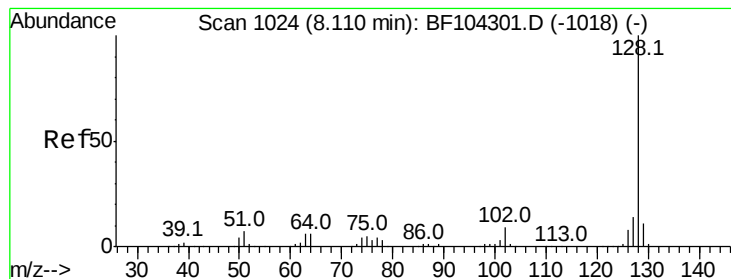


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.020 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

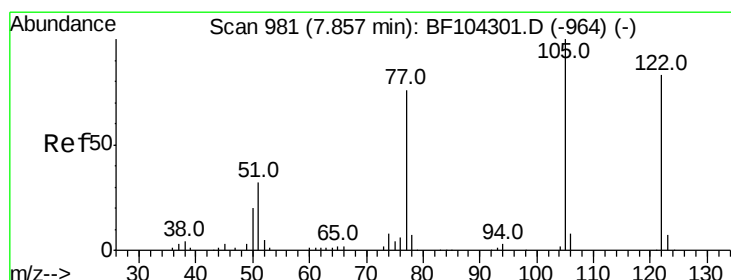
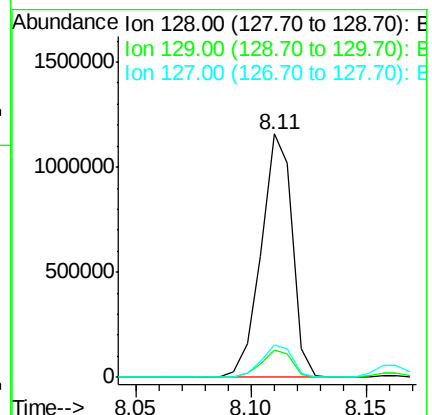
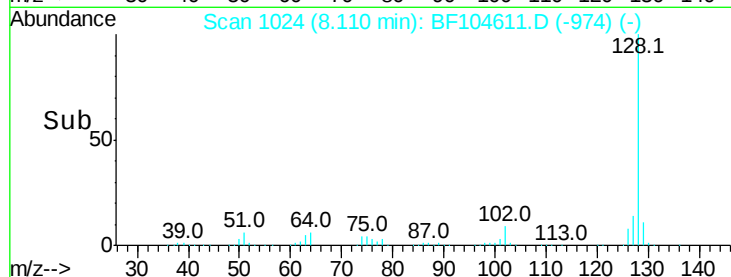
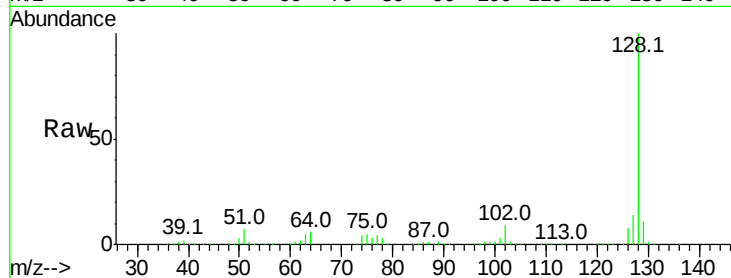
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1089607

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.9	16.3



#32

Benzoic acid

Concen: 35.952 ng

RT: 7.87 min Scan# 983

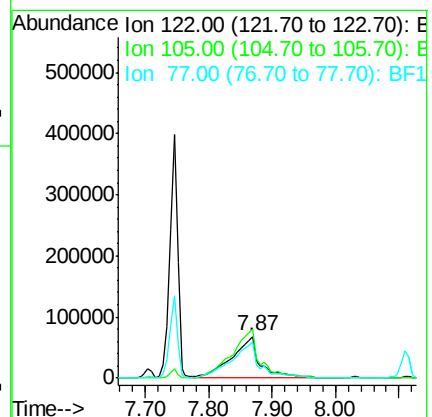
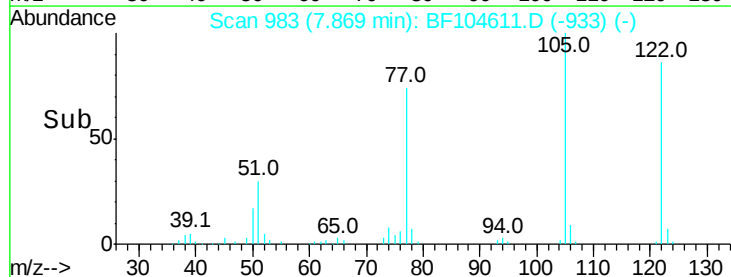
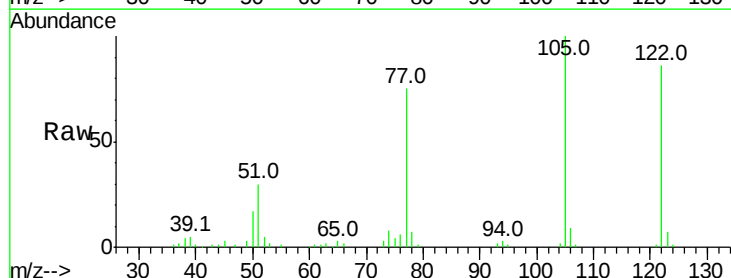
Delta R.T. -0.01 min

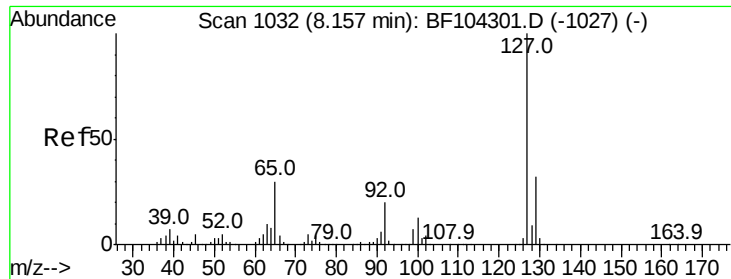
Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Tgt Ion:122 Resp: 208539

Ion	Ratio	Lower	Upper
122	100		
105	116.4	101.1	141.1
77	87.6	70.7	110.7

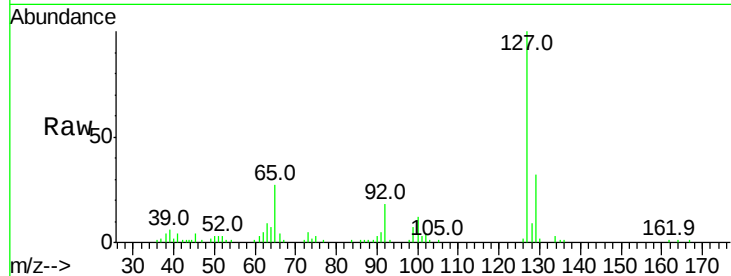




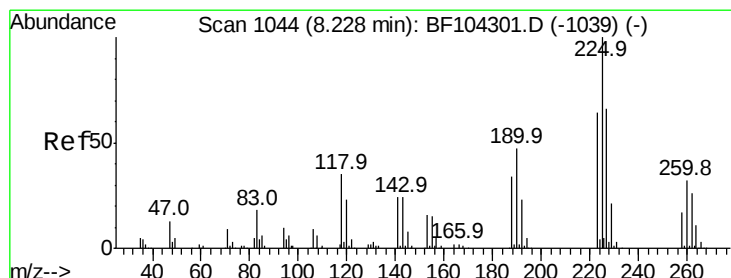
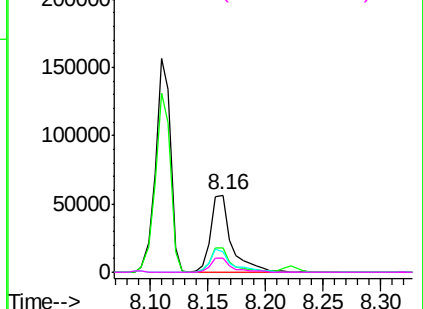
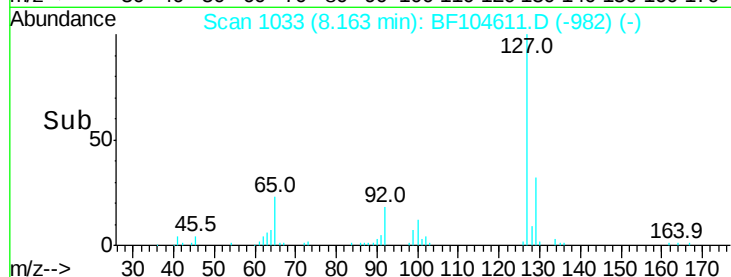
#33
4-Chloroaniline
Concen: 6.537 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	70927
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	26.6	25.0	37.4
92	17.6	15.2	22.8

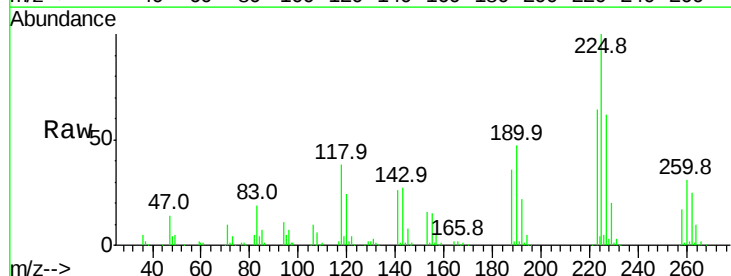


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

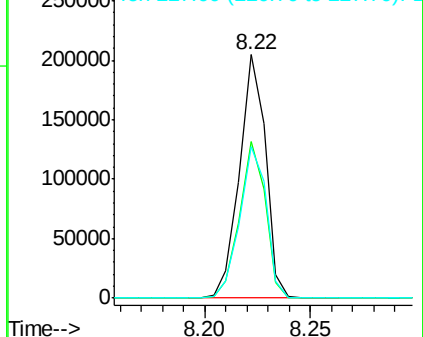
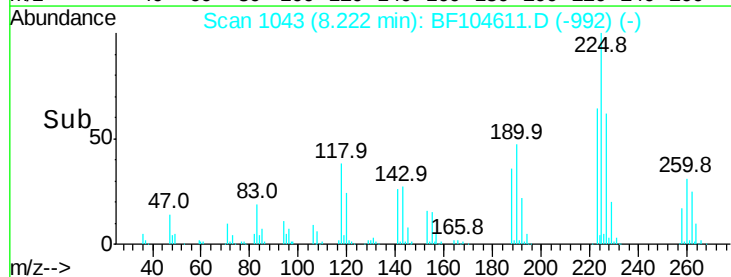


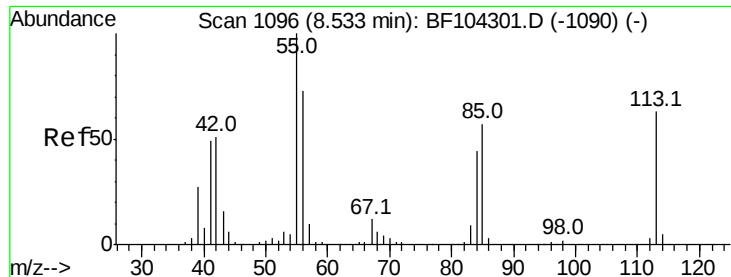
#34
Hexachlorobutadiene
Concen: 42.056 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion:	225	Resp:	175356
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	62.5	51.9	77.9



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





#35

Caprolactam

Concen: 41.064 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

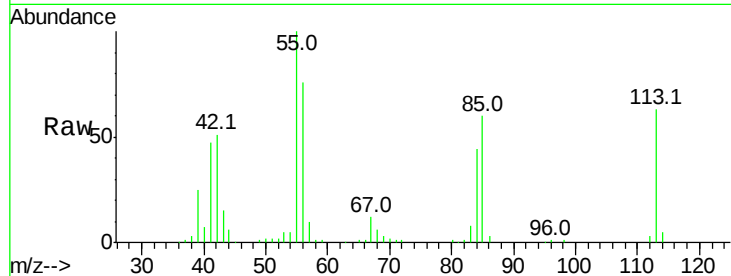
Tot Ion:113 Resp: 99364

Ion Ratio Lower Upper

113 100

55 158.2 163.3 203.3#

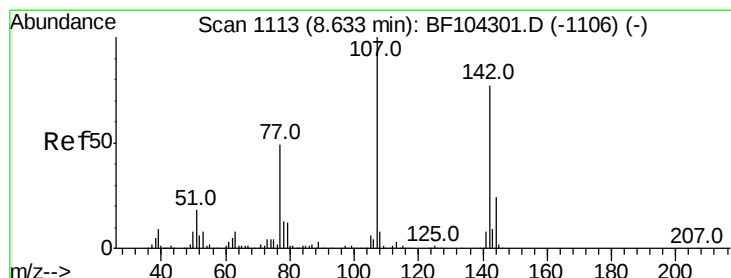
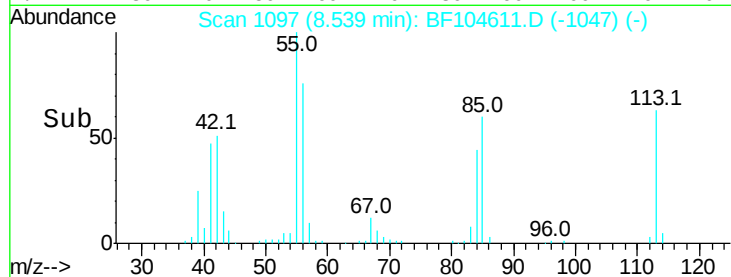
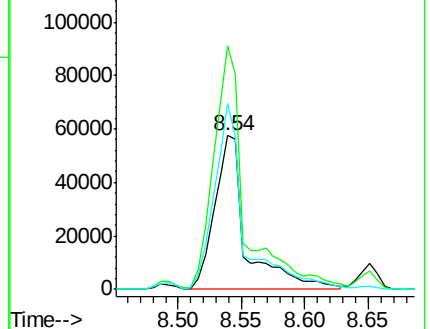
56 120.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.191 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

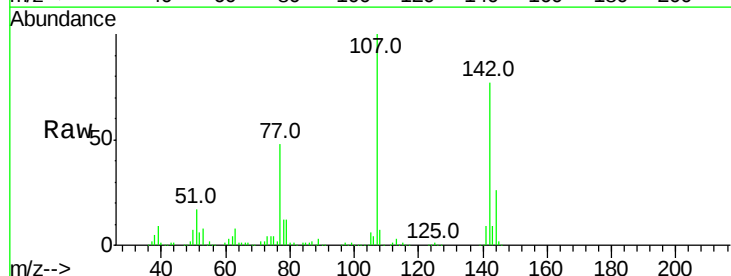
Tgt Ion:107 Resp: 328677

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

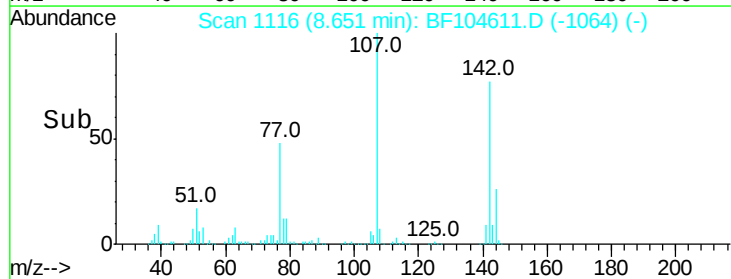
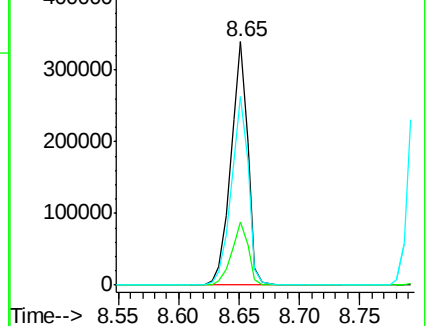
142 77.5 62.0 93.0

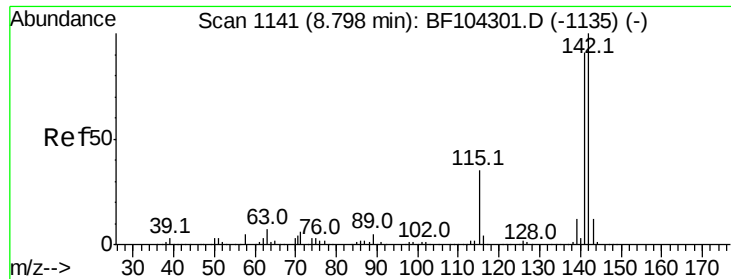


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

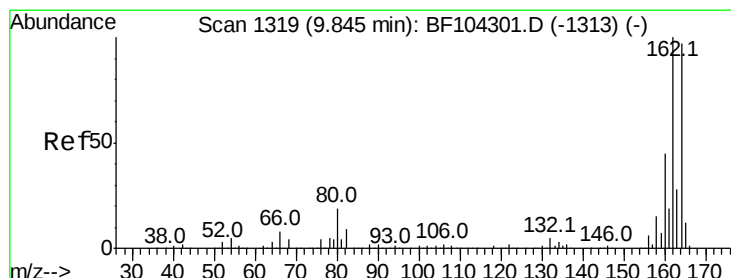
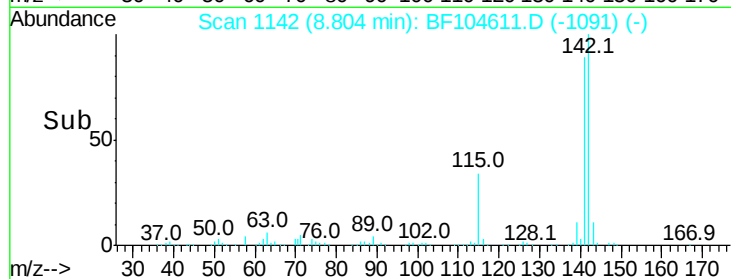
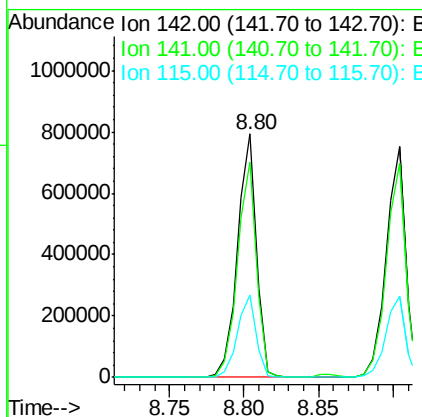
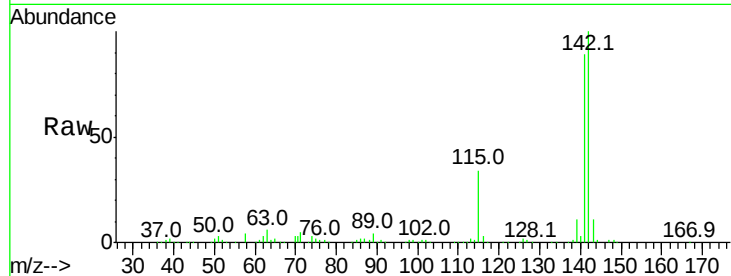




#37
 2-Methylnaphthalene
 Concen: 42.995 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

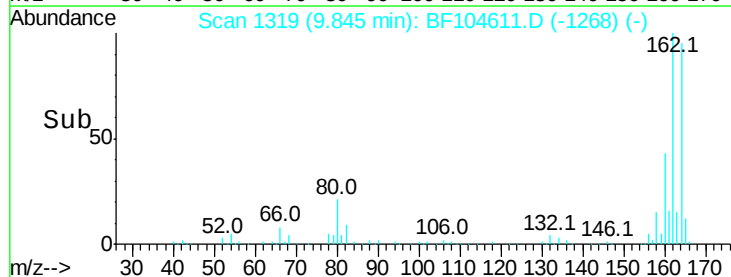
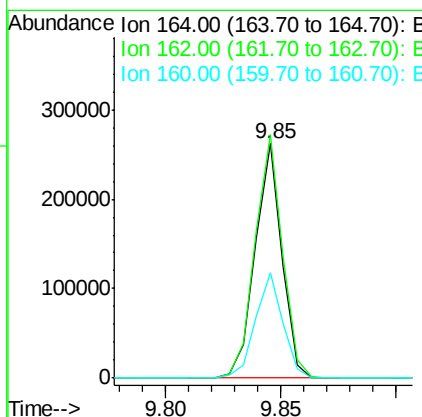
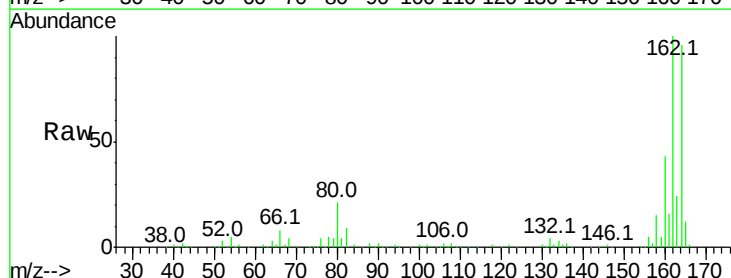
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	33.8	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.1	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.972 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 291443

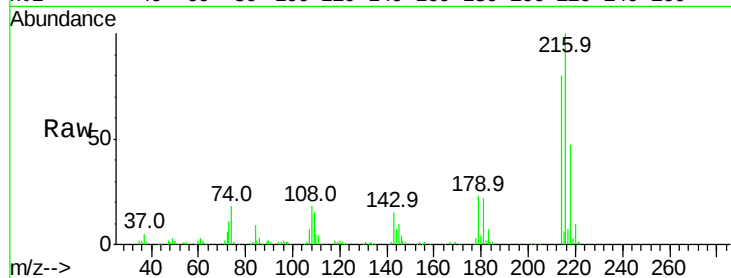
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 22.5 18.1 27.1

108 20.8 17.2 25.8

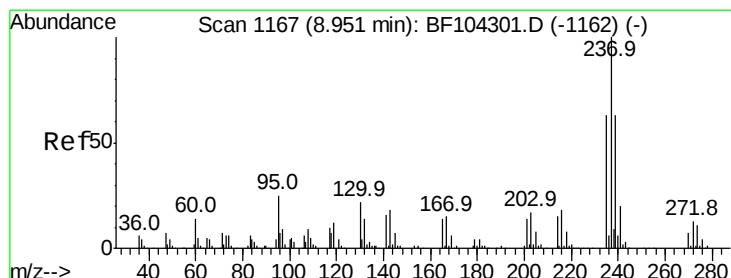
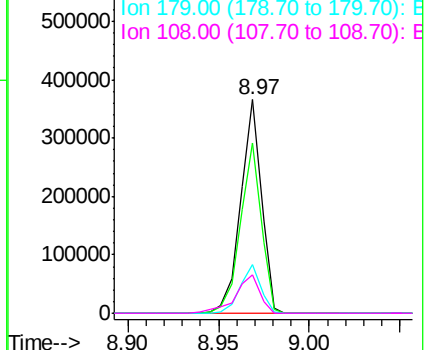
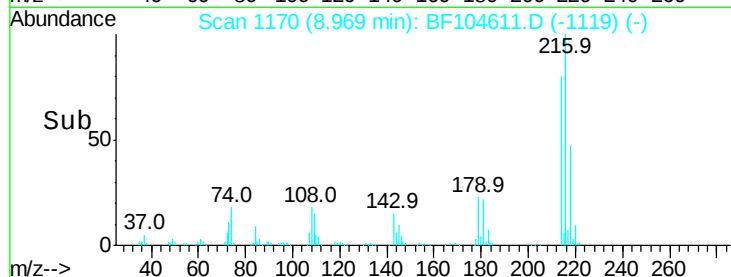


Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.778 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

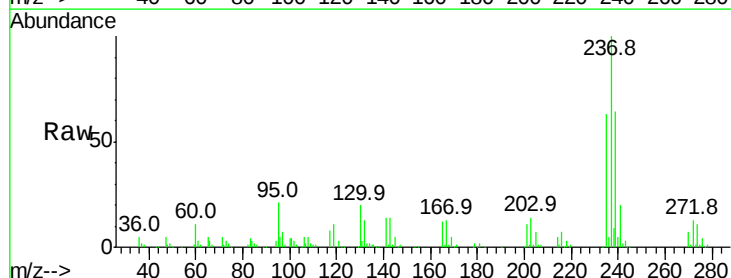
Tgt Ion:237 Resp: 159098

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

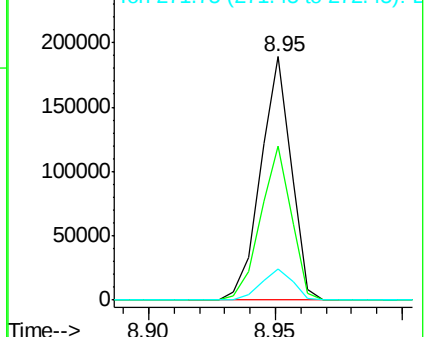
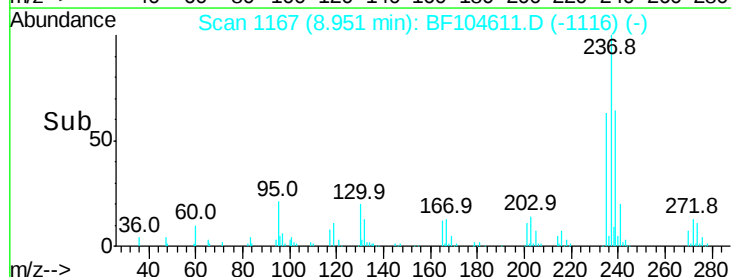
272 12.8 0.0 33.3

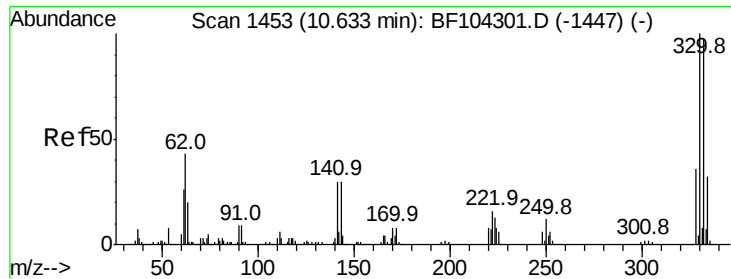


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

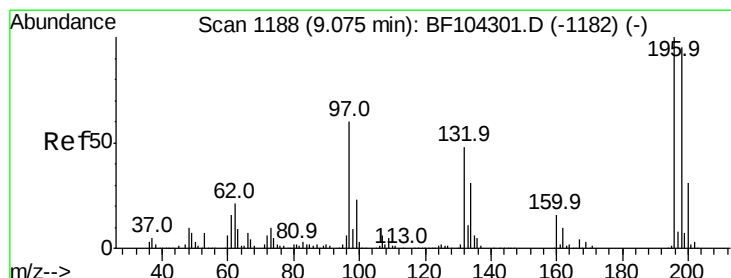
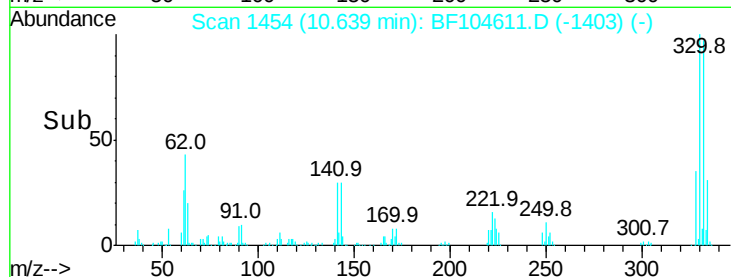
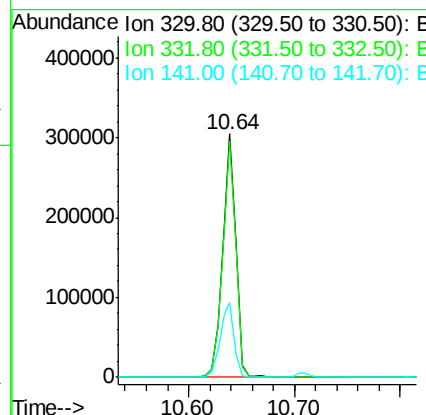
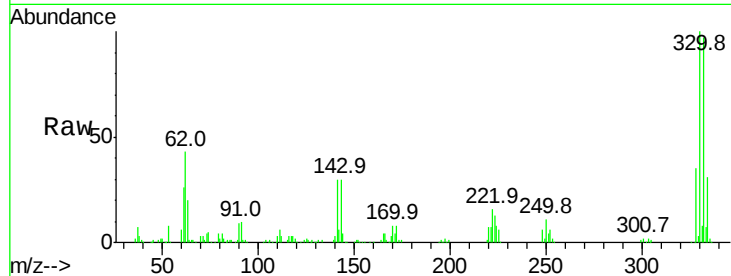




#41
 2,4,6-Tribromophenol
 Concen: 123.415 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

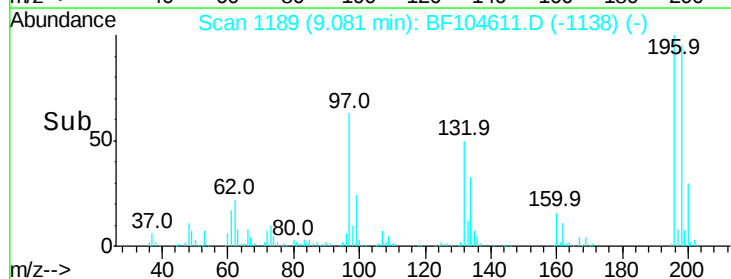
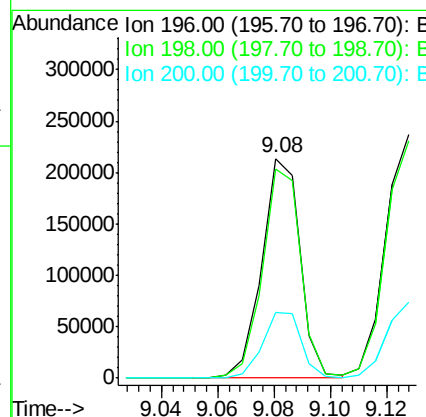
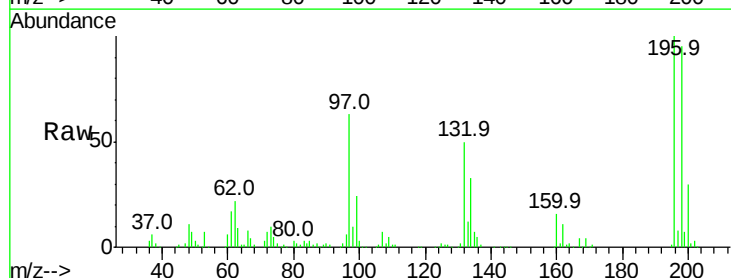
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 47.803 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.1	24.5	36.7

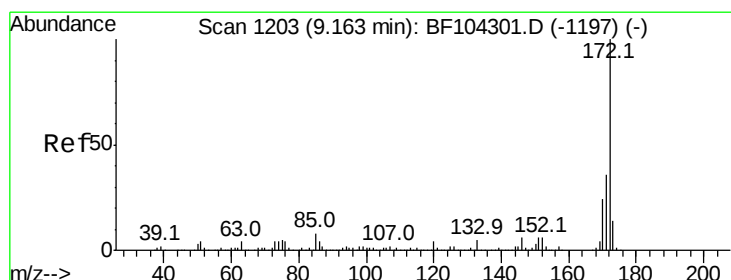
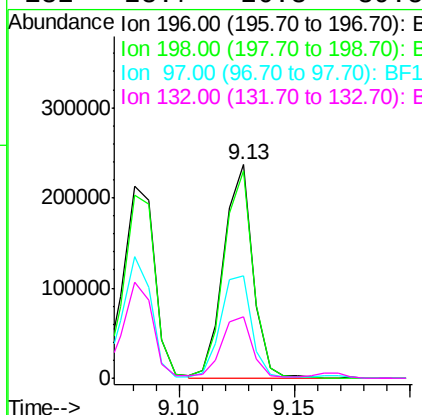
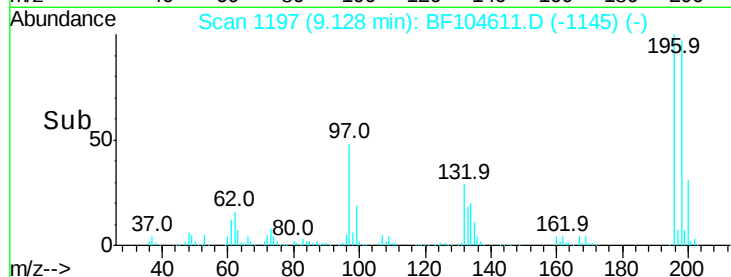
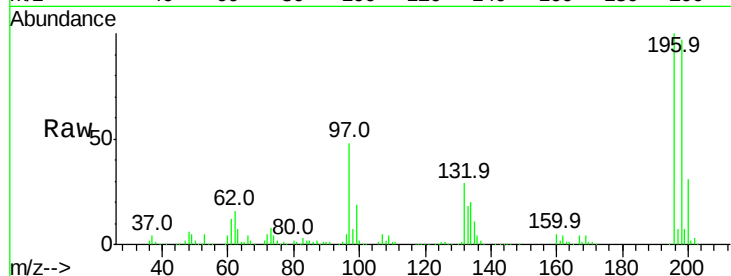




#43
 2,4,5-Trichlorophenol
 Concen: 43.876 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

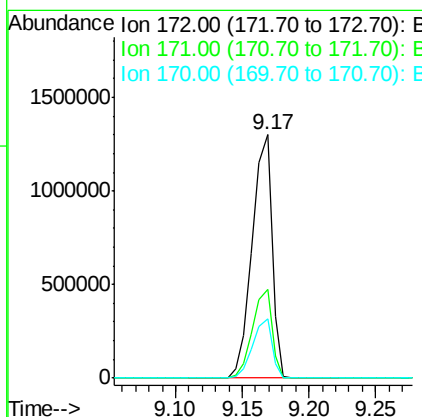
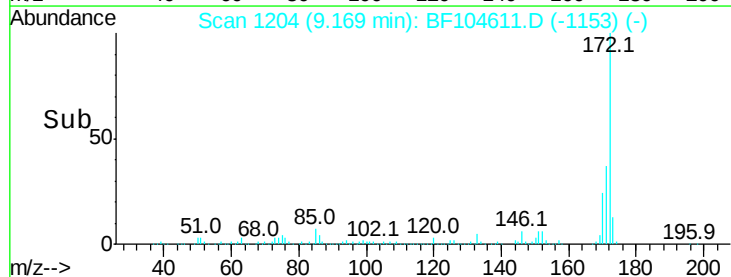
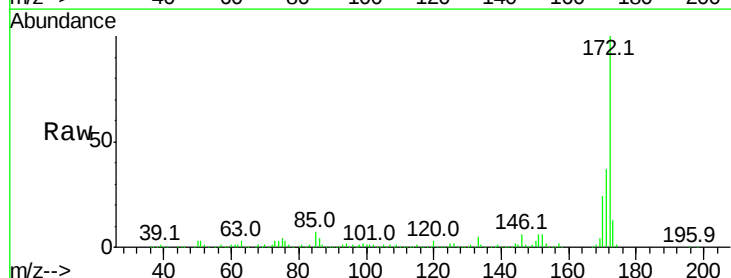
Instrument :
 BNA_F
 ClientSampleId :

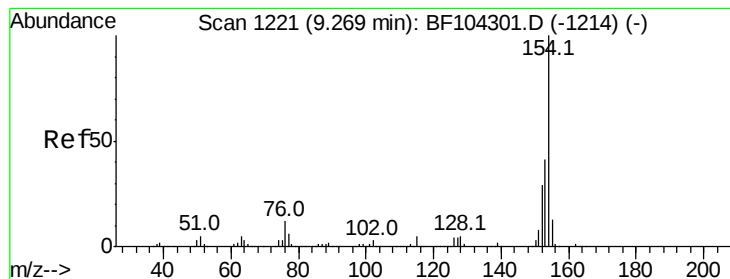
Tot Ion:	196	Resp:	207067
Ion	Ratio	Lower	Upper
196	100		
198	97.2	74.6	112.0
97	48.1	42.9	64.3
132	28.7	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 98.307 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Tgt Ion:	172	Resp:	1320701
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 44.906 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

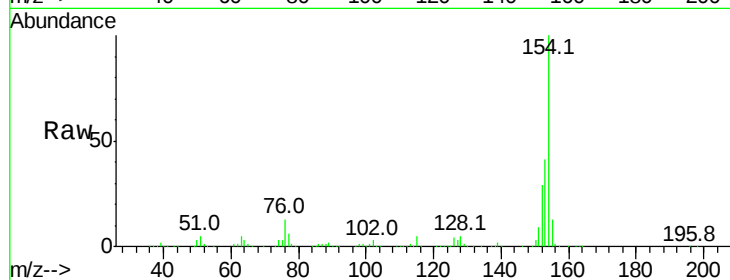
Tot Ion:154 Resp: 800623

Ion Ratio Lower Upper

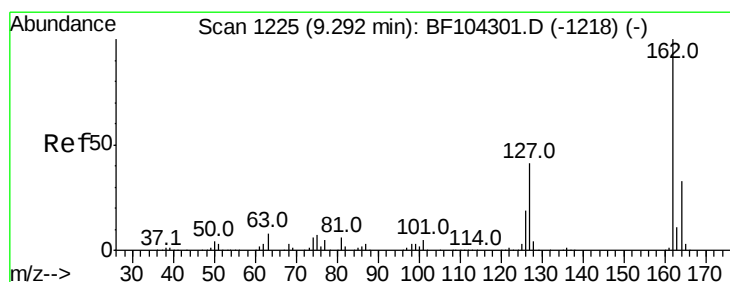
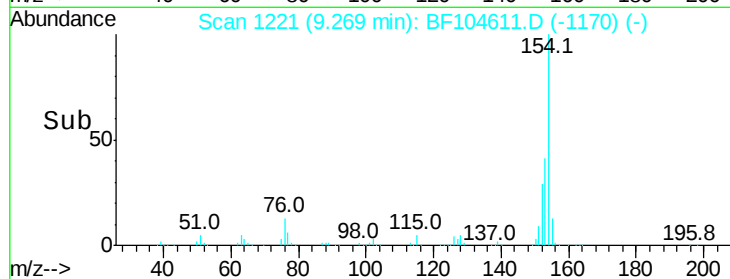
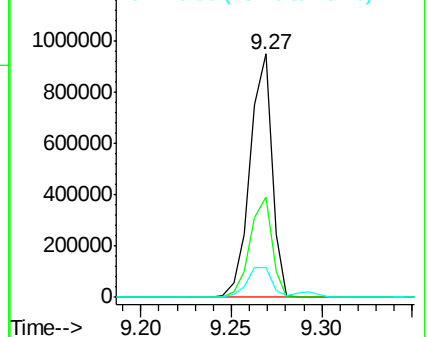
154 100

153 41.1 21.3 61.3

76 12.5 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 44.956 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

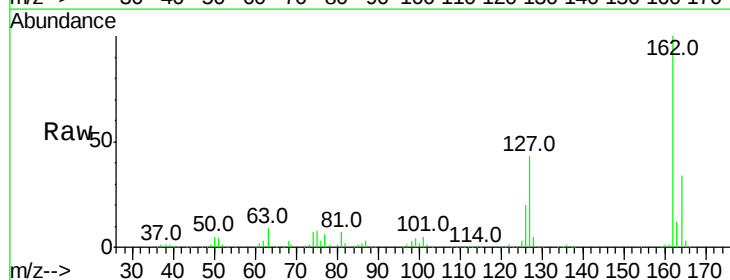
Tgt Ion:162 Resp: 633097

Ion Ratio Lower Upper

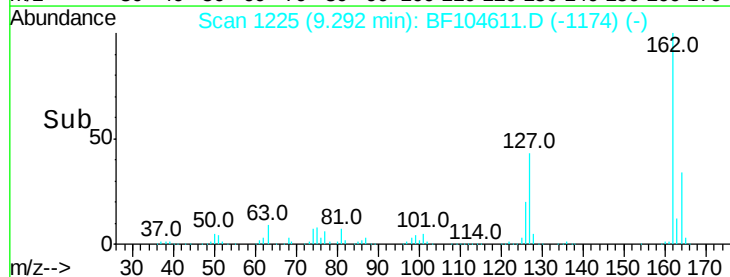
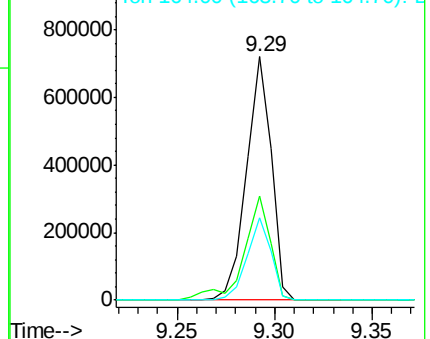
162 100

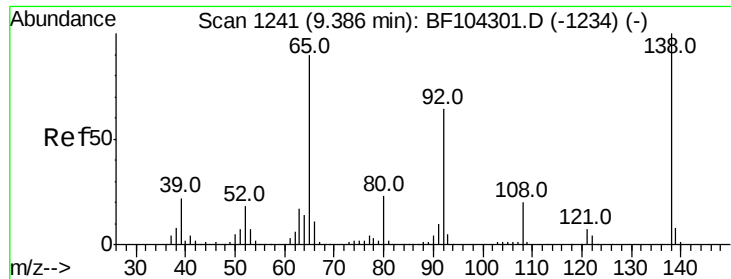
127 43.0 33.9 50.9

164 34.0 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

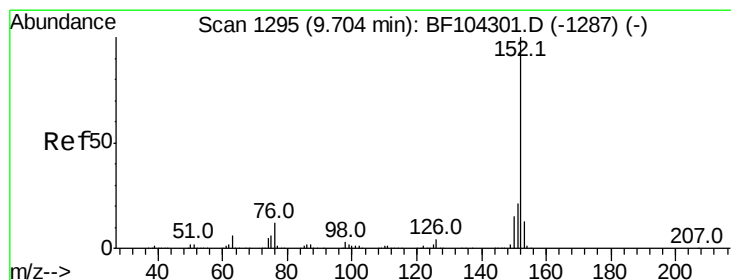
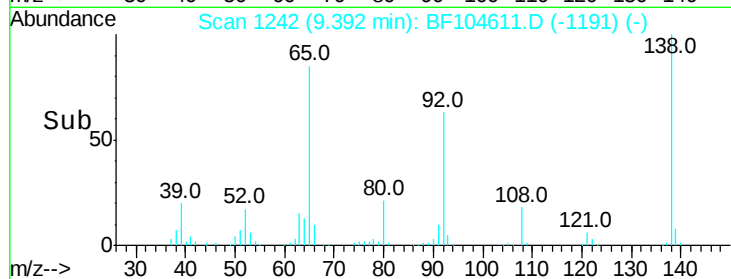
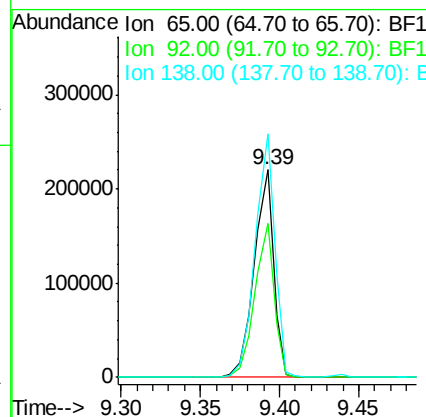
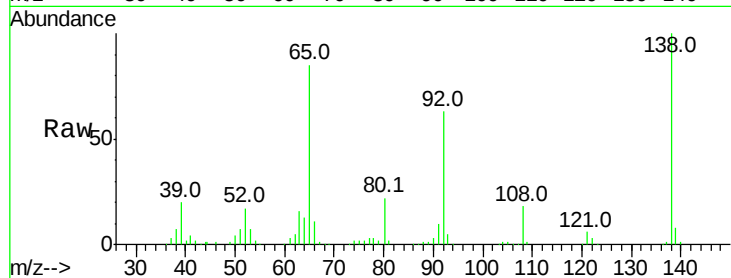




#47
 2-Nitroaniline
 Concen: 54.130 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

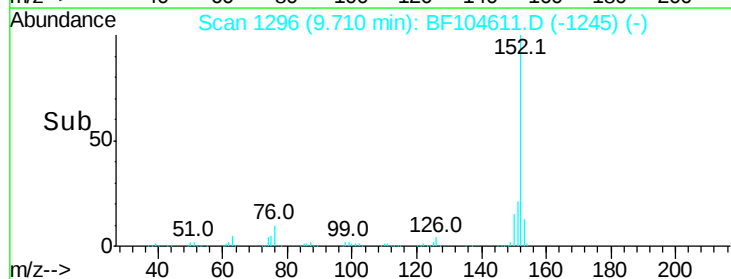
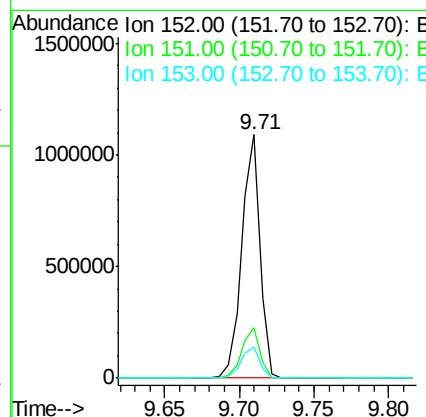
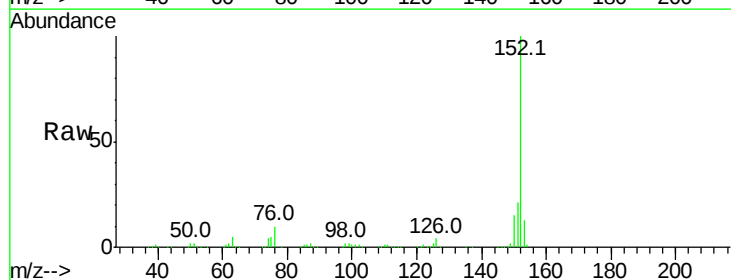
Instrument :
 BNA_F
 ClientSampleId :

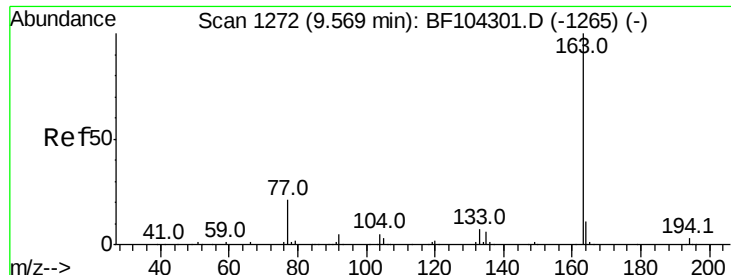
Tot Ion: 65 Resp: 188513
 Ion Ratio Lower Upper
 65 100
 92 74.3 55.8 83.6
 138 117.2 91.2 136.8



#48
 Acenaphthylene
 Concen: 42.226 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Tgt Ion:152 Resp: 932984
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.3 24.5
 153 12.9 10.7 16.1

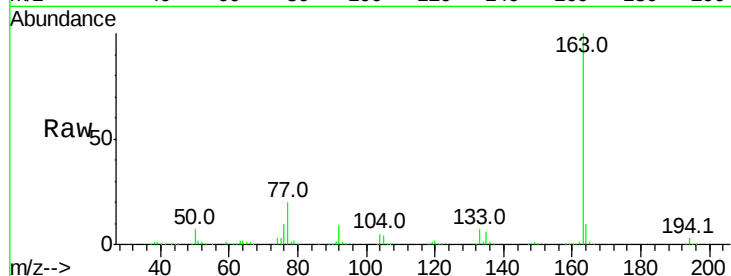




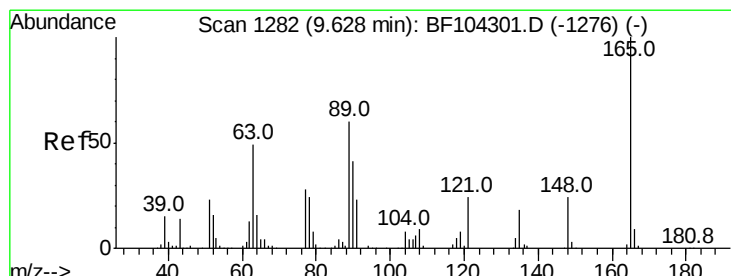
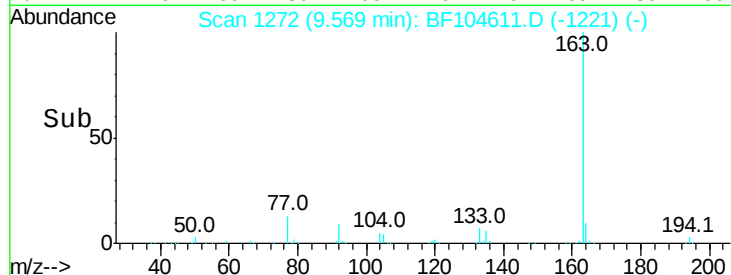
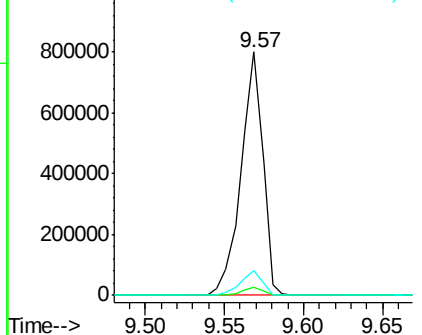
#49
Dimethylphthalate
Concen: 45.458 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 760792
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

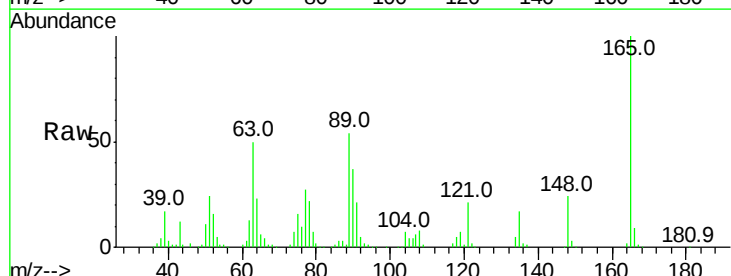


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

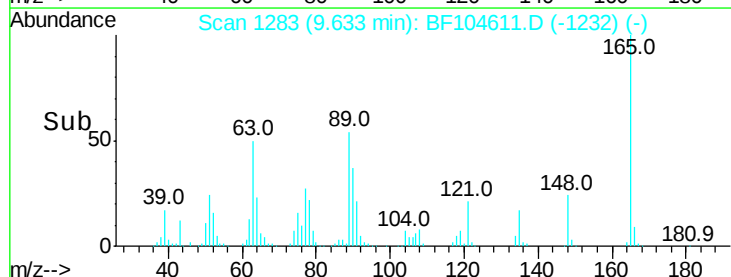
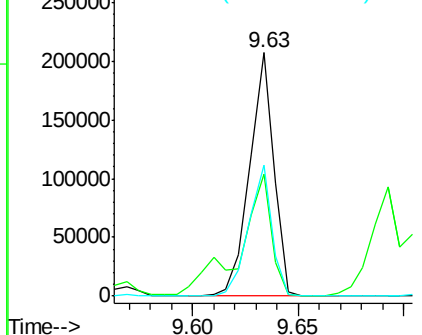


#50
2,6-Dinitrotoluene
Concen: 53.574 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion:165 Resp: 165907
Ion Ratio Lower Upper
165 100
63 50.4 44.7 67.1
89 53.8 44.0 66.0



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





#51

Acenaphthene

Concen: 39.658 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampled :

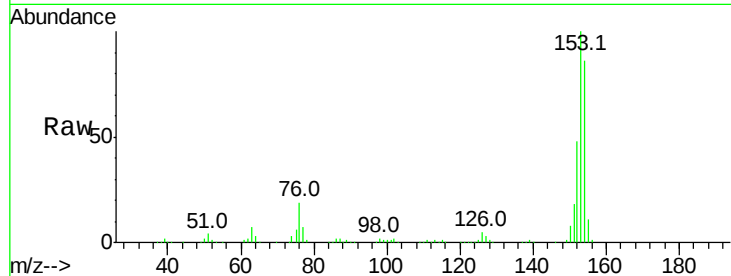
Tot Ion:154 Resp: 534629

Ion Ratio Lower Upper

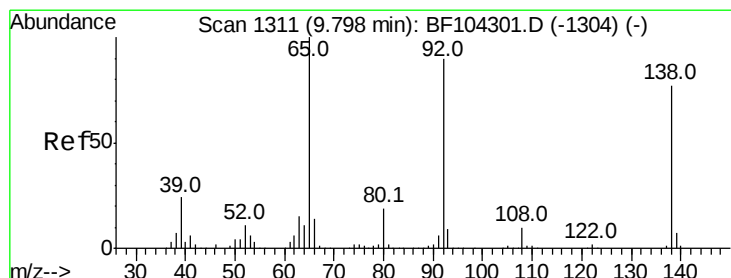
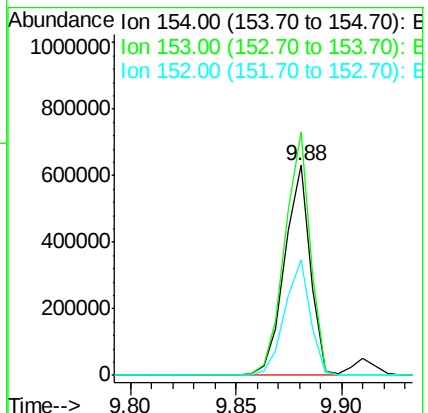
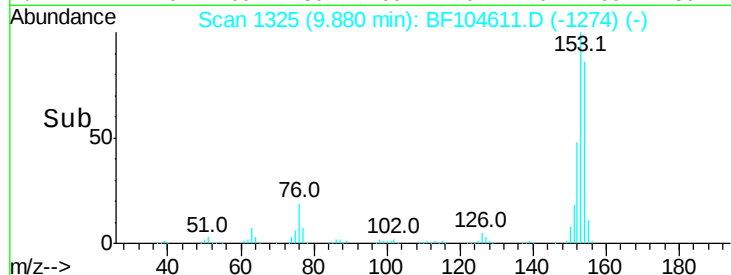
154 100

153 116.0 91.2 136.8

152 55.2 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: 11.989 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

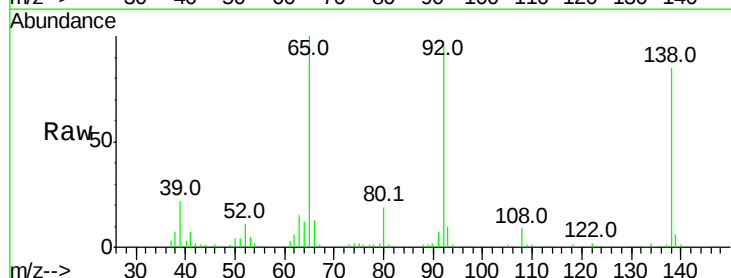
Tgt Ion:138 Resp: 43464

Ion Ratio Lower Upper

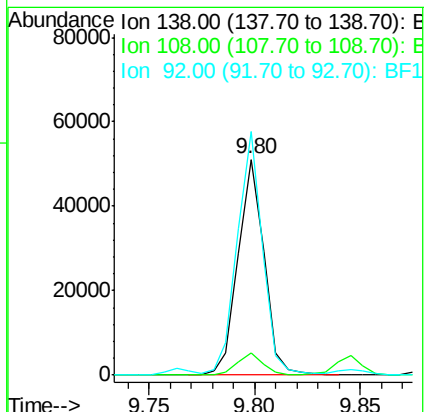
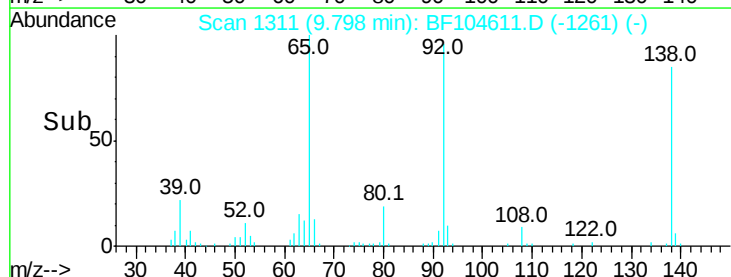
138 100

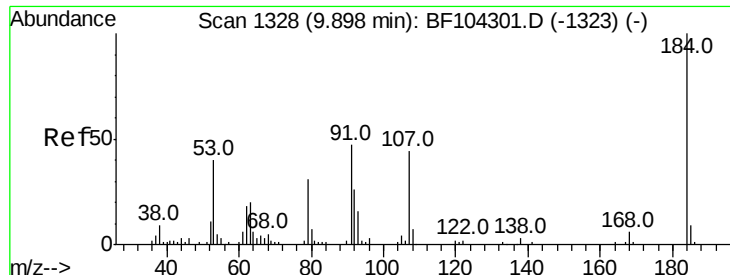
108 10.1 9.4 14.0

92 112.8 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

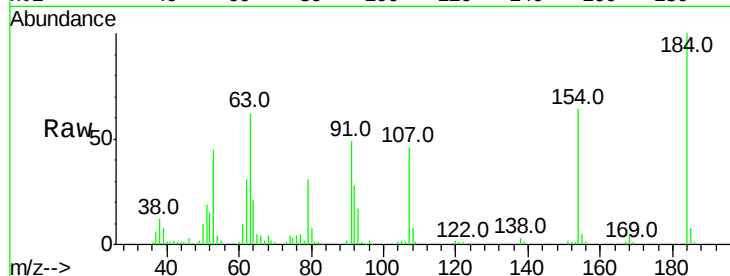




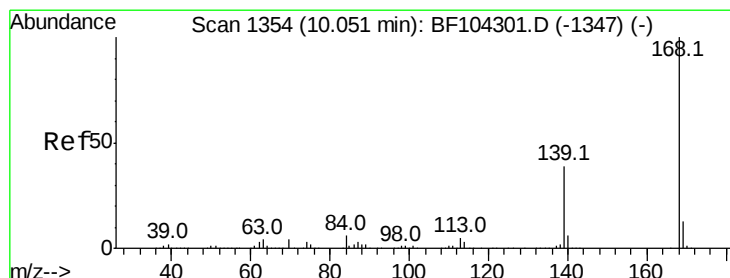
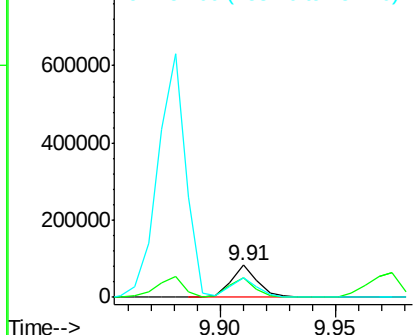
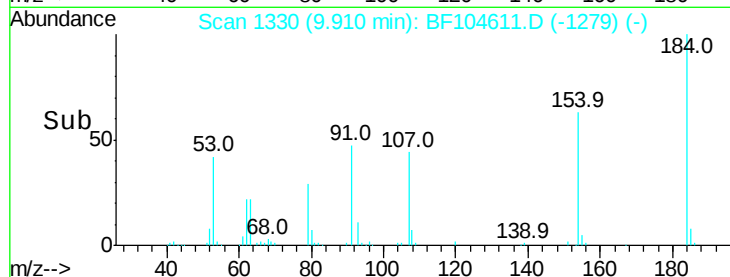
#53
 2,4-Dinitrophenol
 Concen: 59.763 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 66957
 Ion Ratio Lower Upper
 184 100
 63 62.5 54.2 81.2
 154 63.5 184.0 276.0#

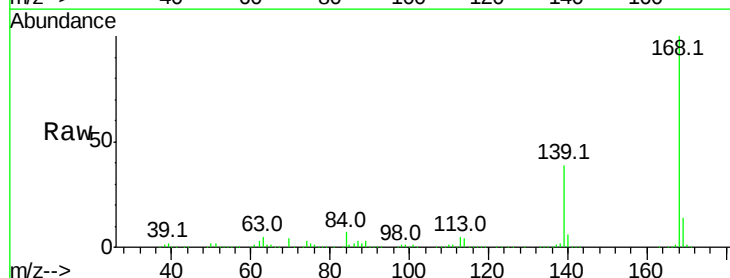


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

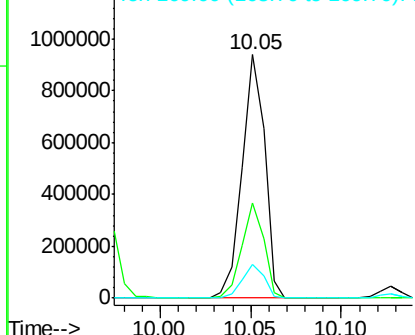
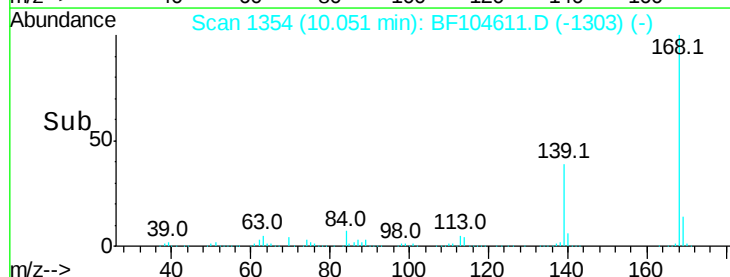


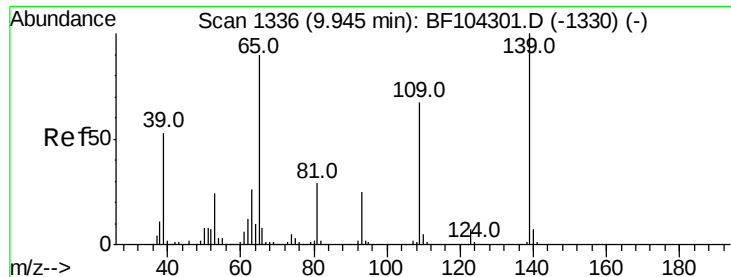
#54
 Dibenzofuran
 Concen: 43.381 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Tgt Ion:168 Resp: 814995
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.1 45.1
 169 13.7 10.9 16.3



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

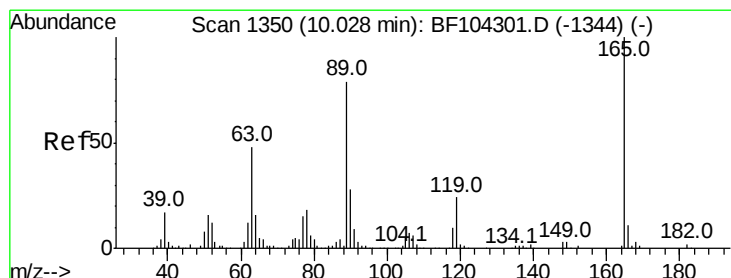
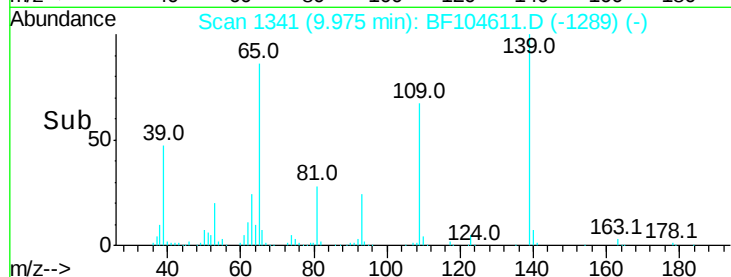
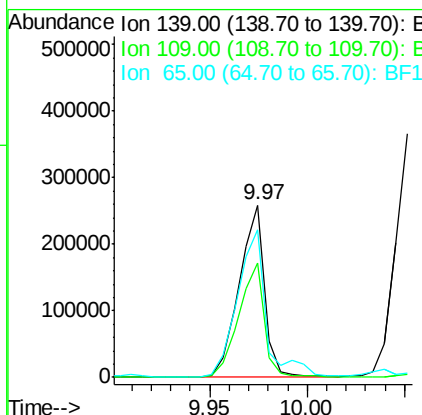
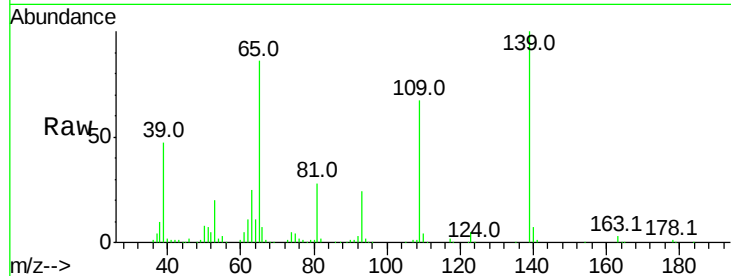




#55
4-Nitrophenol
Concen: 82.634 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

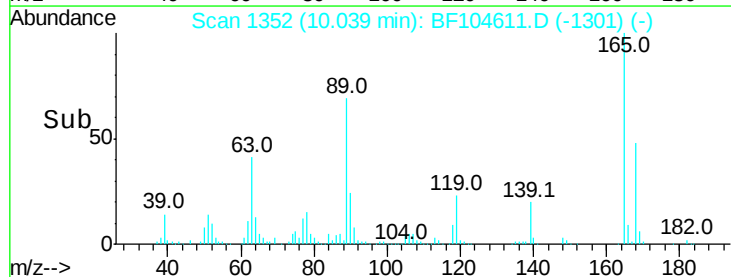
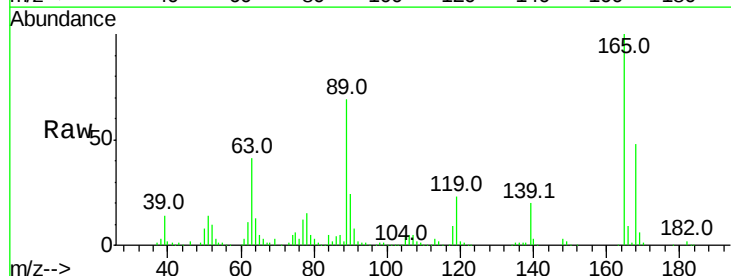
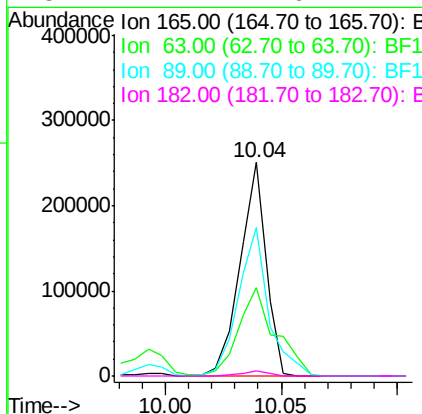
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 235334
Ion Ratio Lower Upper
139 100
109 66.7 48.4 88.4
65 86.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.032 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion:165 Resp: 199175
Ion Ratio Lower Upper
165 100
63 41.5 36.4 54.6
89 69.4 57.8 86.6
182 2.4 1.6 2.4

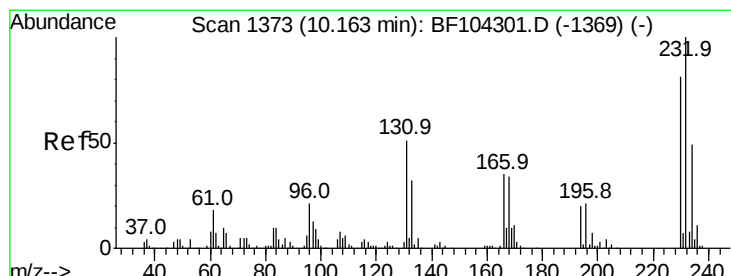
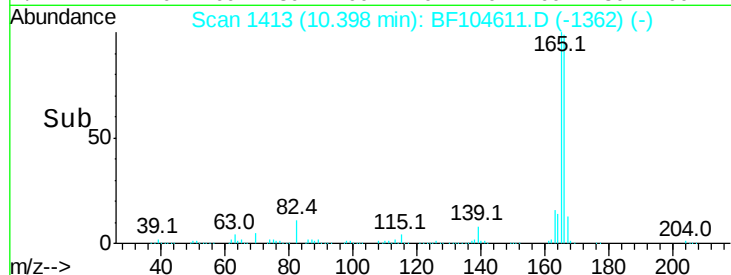
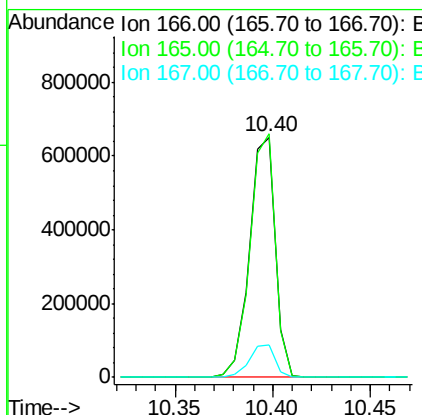
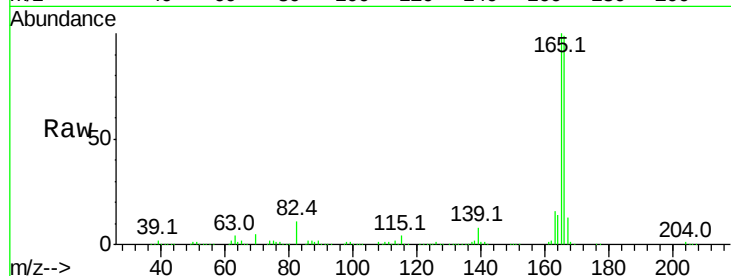




#57
 Fluorene
 Concen: 43.624 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

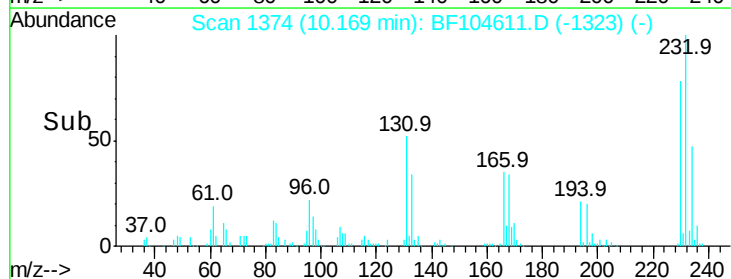
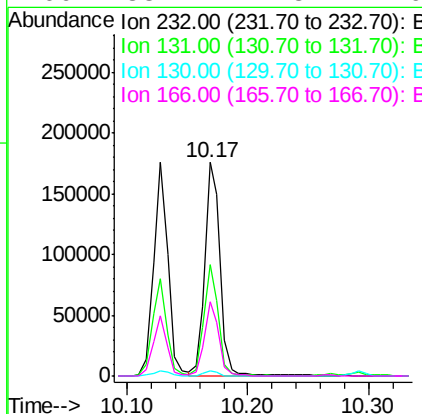
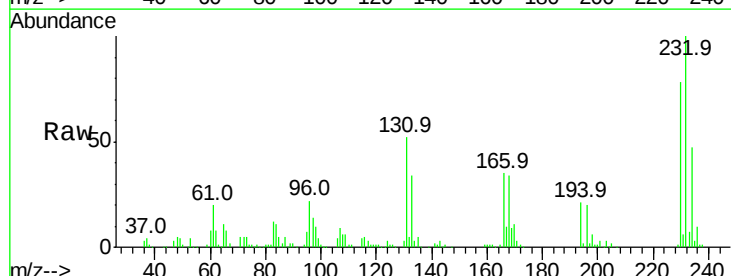
Instrument :
 BNA_F
 ClientSampleId :

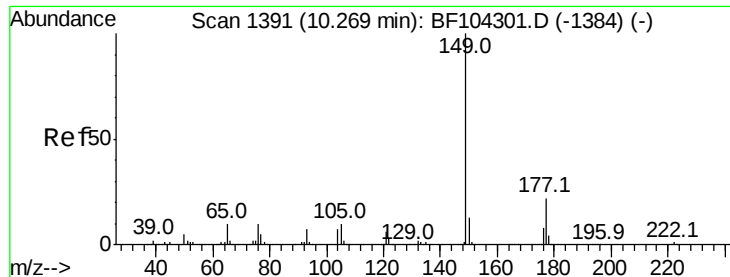
Tot Ion:166 Resp: 596538
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.478 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Tgt Ion:232 Resp: 153080
 Ion Ratio Lower Upper
 232 100
 131 49.7 43.8 65.8
 130 2.5 2.1 3.1
 166 33.4 27.8 41.6

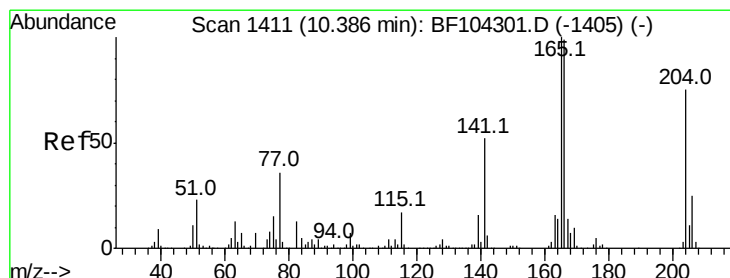
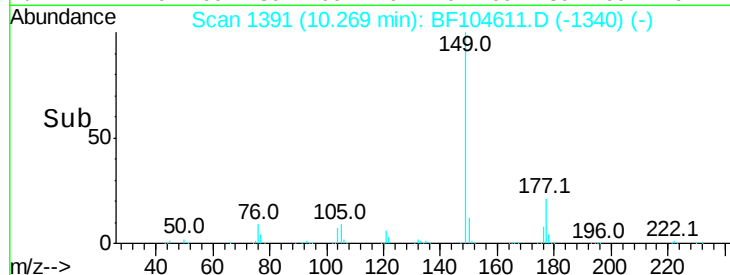
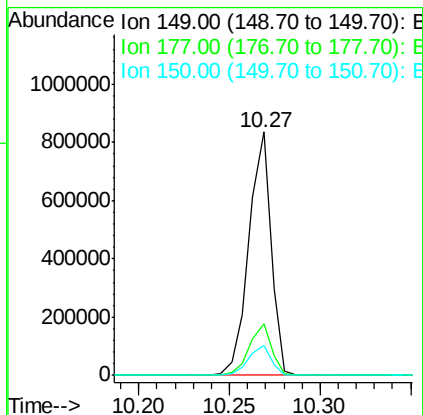
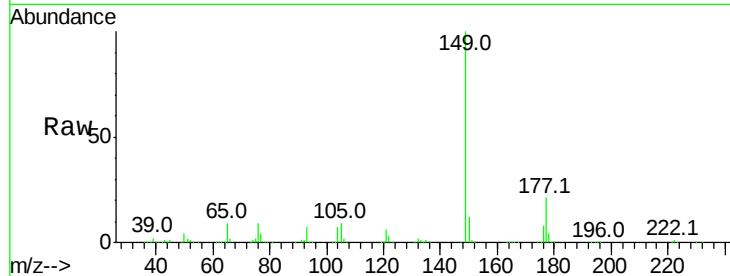




#59
Diethylphthalate
Concen: 42.866 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

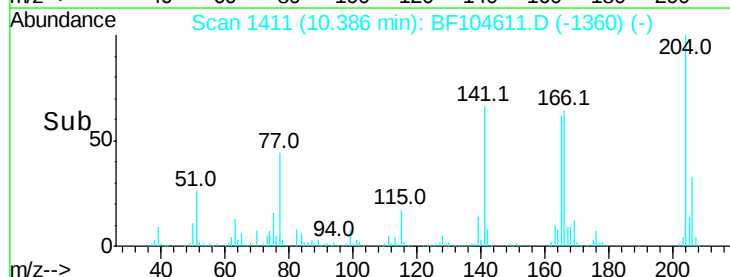
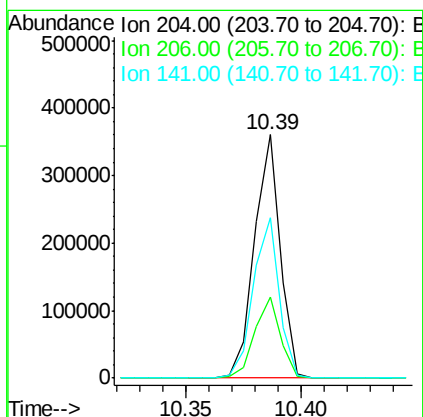
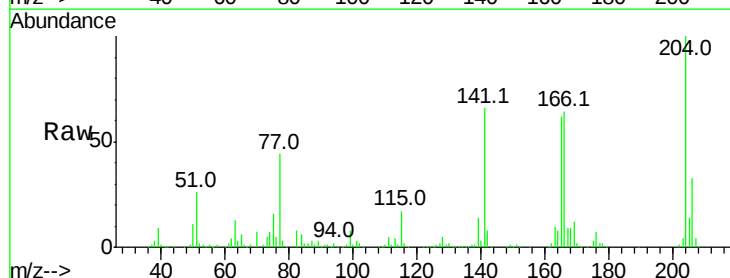
Instrument :
BNA_F
ClientSampled :

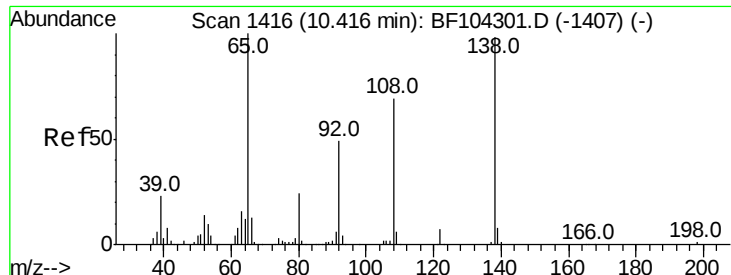
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.4	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.327 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	66.0	54.6	81.8

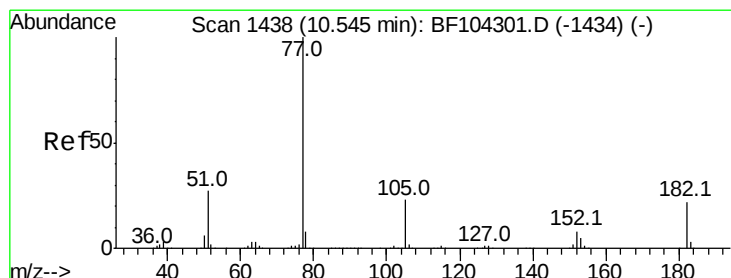
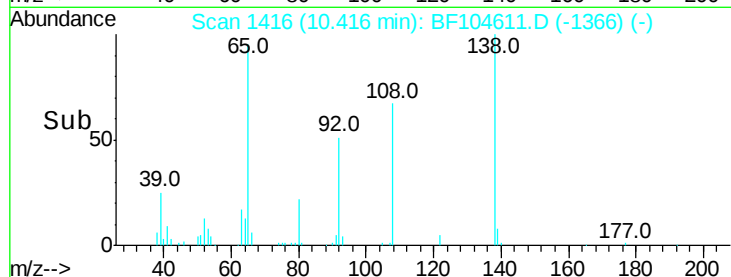
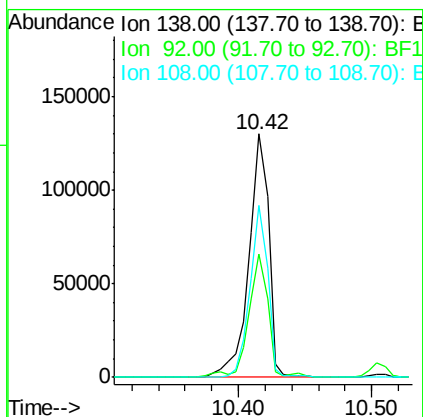
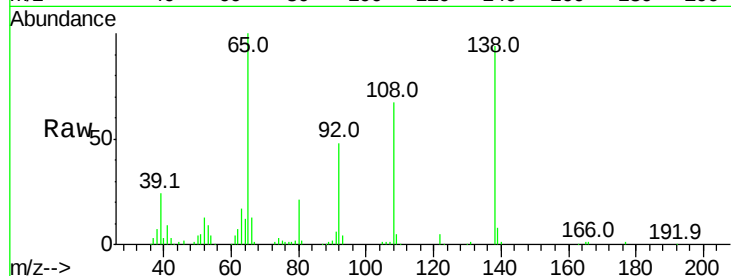




#61
4-Nitroaniline
Concen: 37.149 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

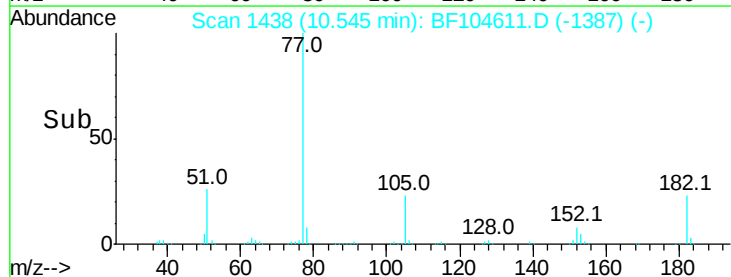
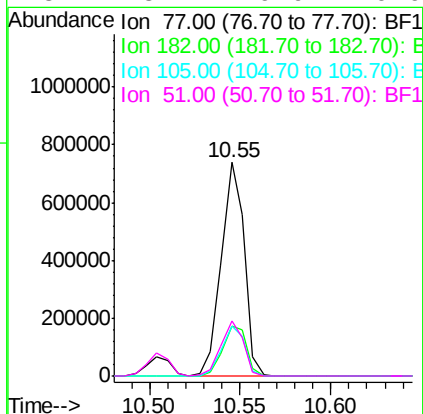
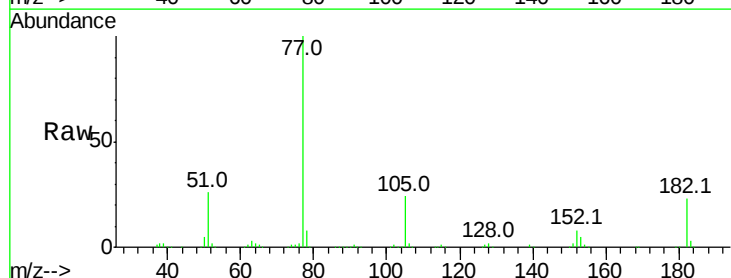
Instrument :
BNA_F
ClientSampleId :

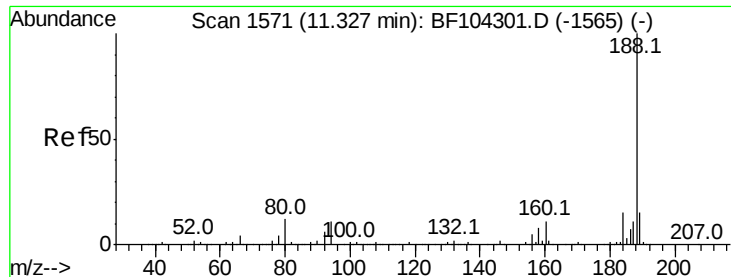
Tot Ion:138 Resp: 131687
Ion Ratio Lower Upper
138 100
92 50.9 30.2 70.2
108 70.7 52.5 92.5



#62
Azobenzene
Concen: 40.858 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion: 77 Resp: 650641
Ion Ratio Lower Upper
77 100
182 23.2 1.7 41.7
105 23.6 3.0 43.0
51 25.7 9.9 49.9

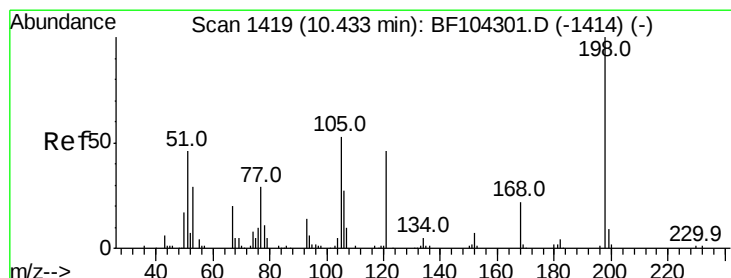
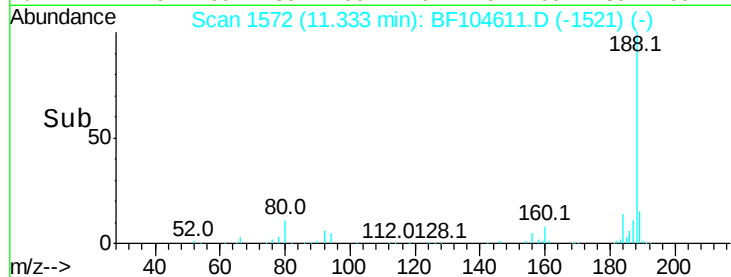
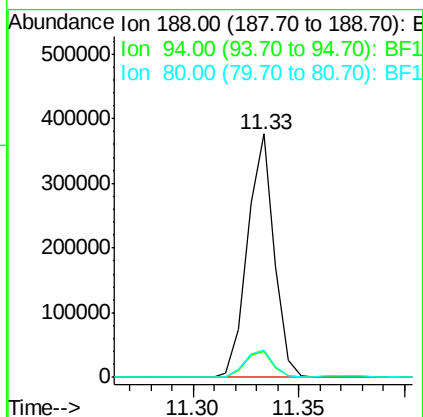
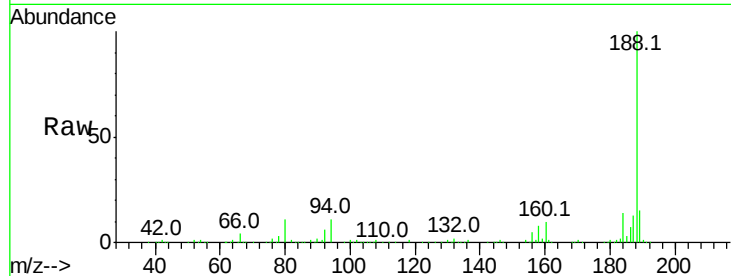




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

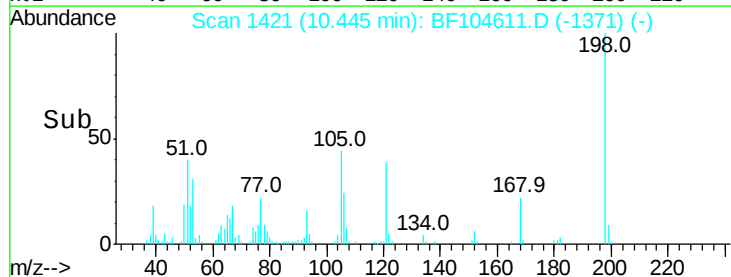
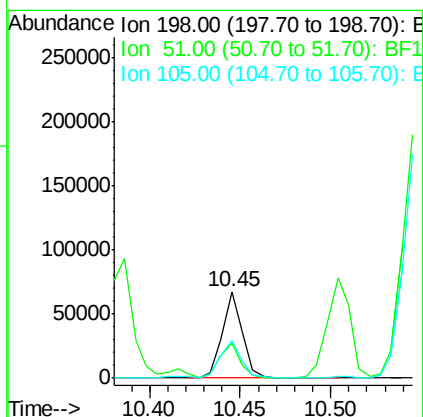
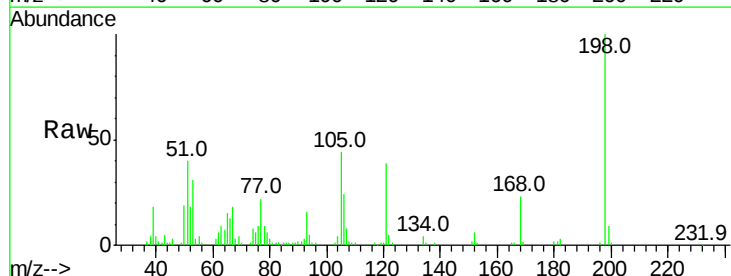
Instrument :
 BNA_F
 ClientSampled :

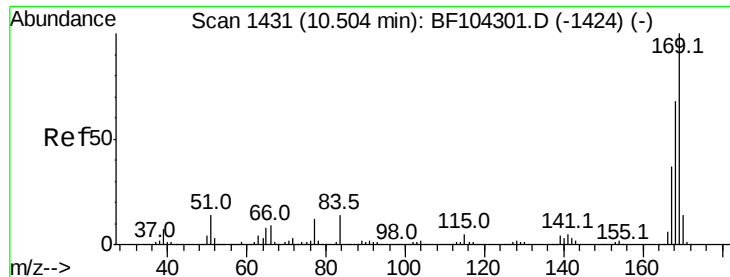
Tot Ion:188 Resp: 327307
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 11.4 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.178 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Tgt Ion:198 Resp: 52382
 Ion Ratio Lower Upper
 198 100
 51 40.0 37.7 77.7
 105 43.5 36.3 76.3

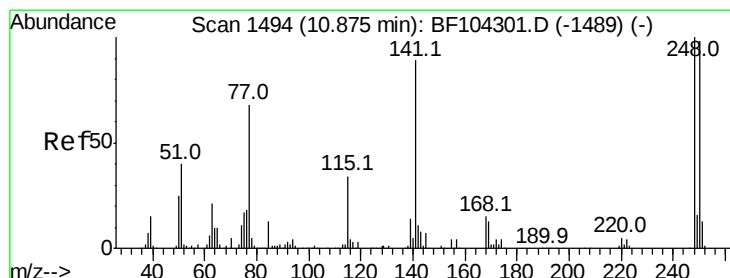
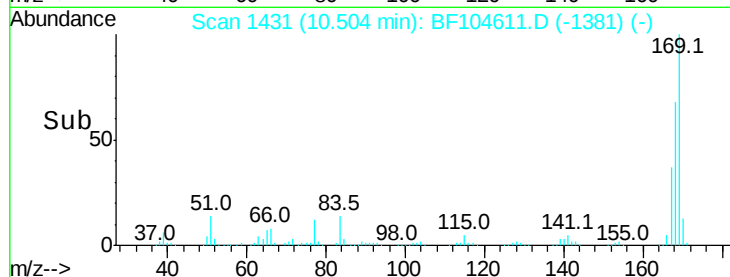
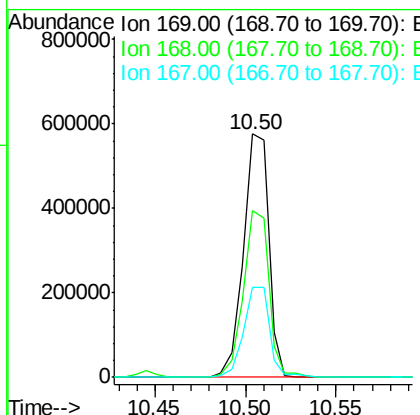
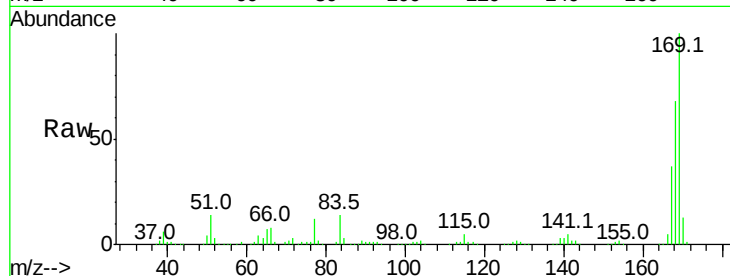




#65
 n-Nitrosodiphenylamine
 Concen: 49.228 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

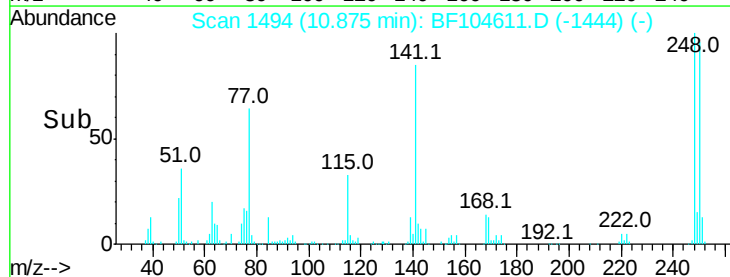
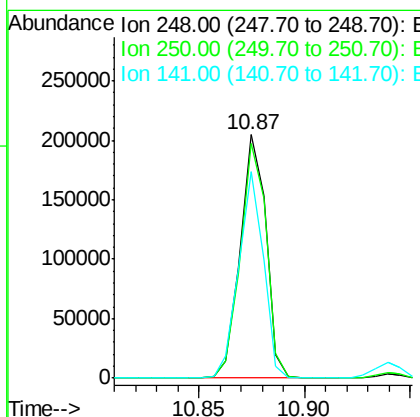
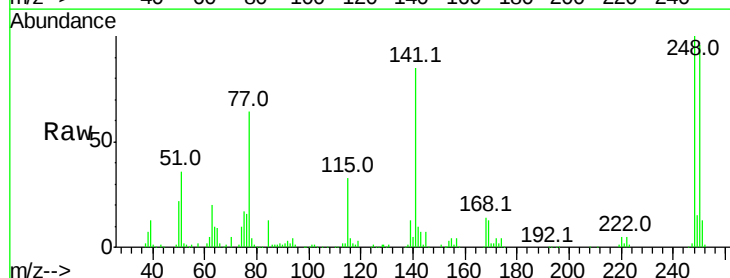
Instrument :
 BNA_F
 ClientSampleId :

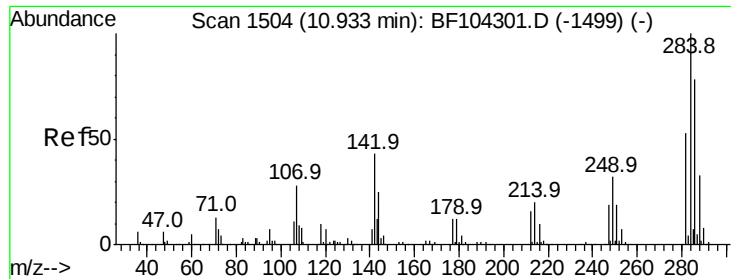
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.4	81.6
167	36.9	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 49.693 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.9	115.3
141	84.7	74.4	111.6

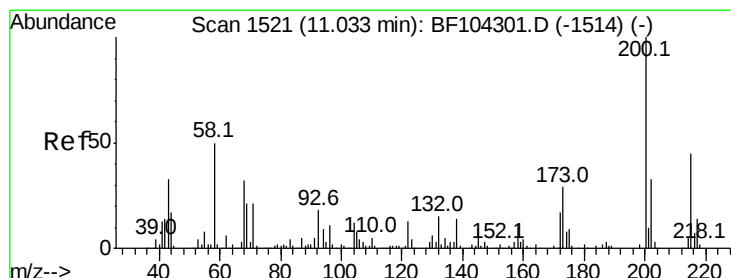
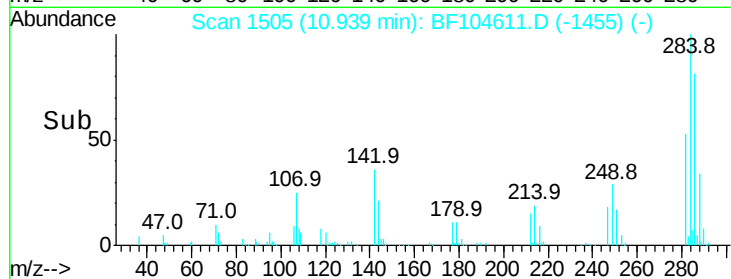
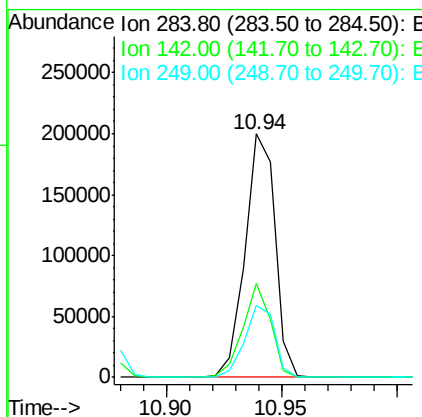
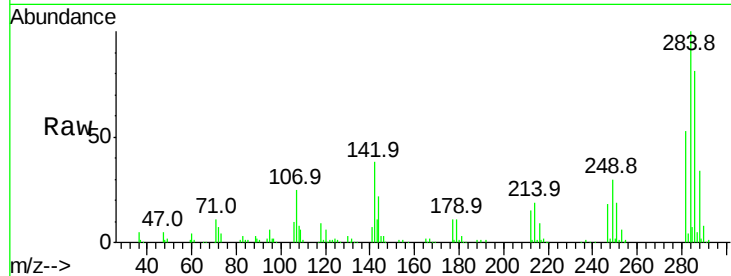




#67
Hexachlorobenzene
Concen: 46.404 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

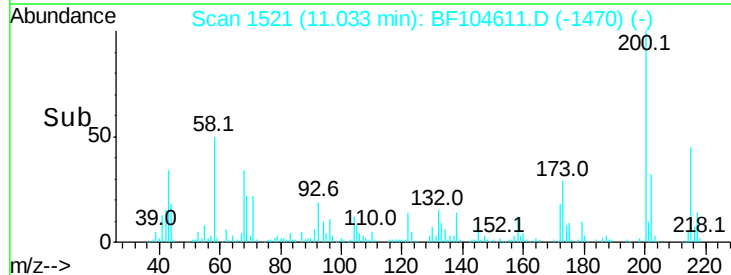
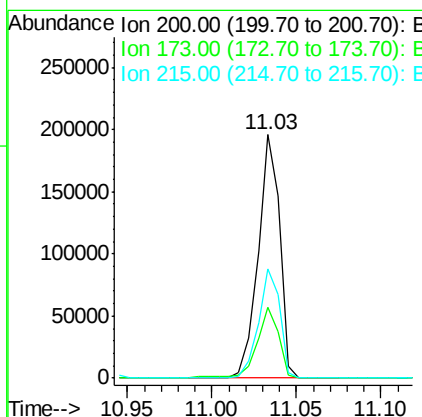
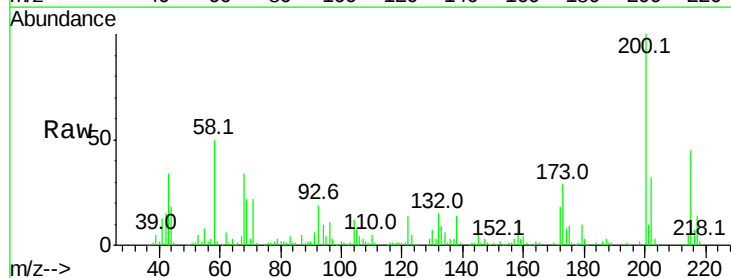
Instrument :
BNA_F
ClientSampleId :

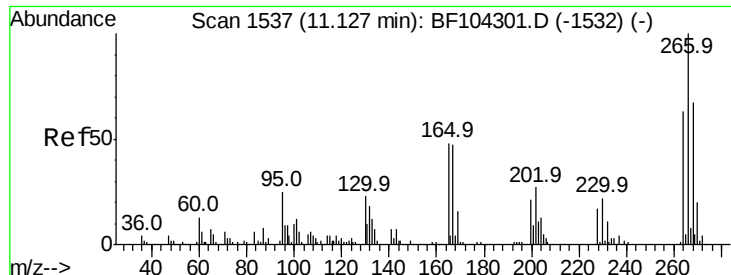
Tot Ion:284 Resp: 181785
Ion Ratio Lower Upper
284 100
142 38.5 34.6 52.0
249 29.8 24.8 37.2



#68
Atrazine
Concen: 51.008 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion:200 Resp: 174728
Ion Ratio Lower Upper
200 100
173 29.0 8.6 48.6
215 45.1 25.1 65.1

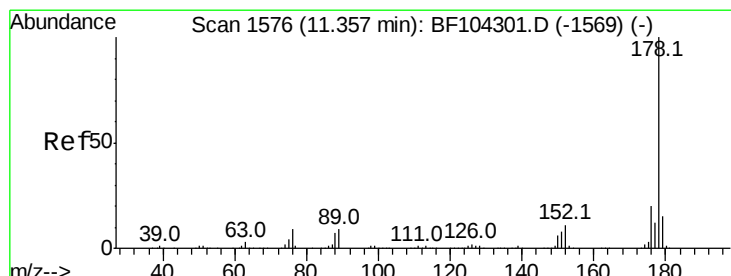
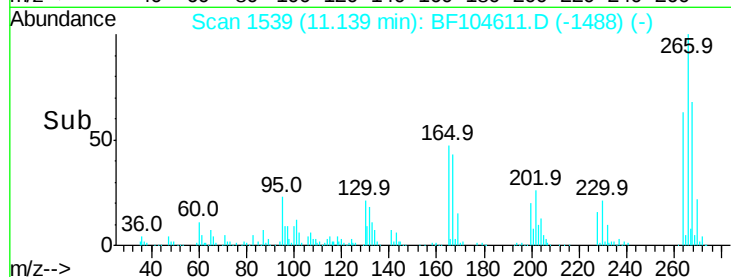
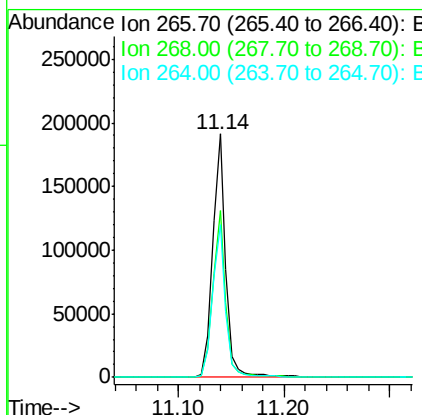
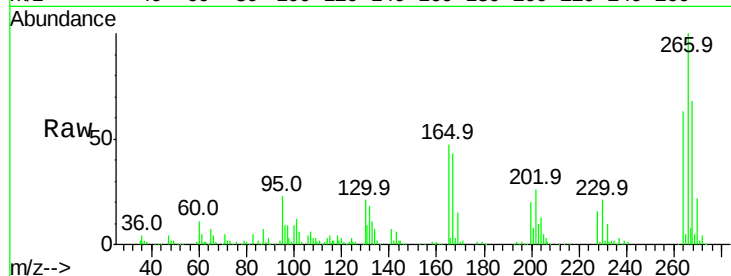




#69
 Pentachlorophenol
 Concen: 69.584 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

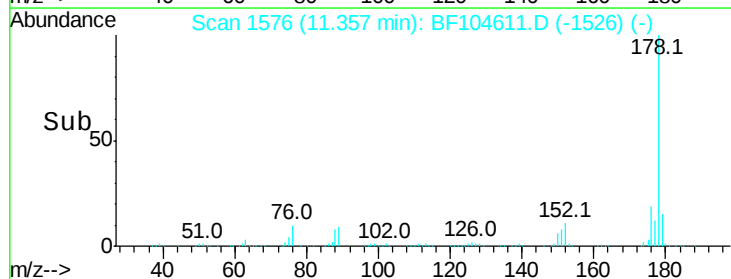
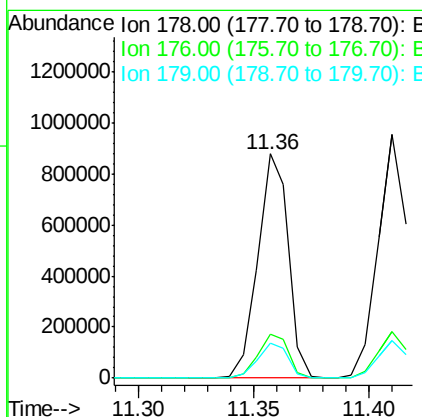
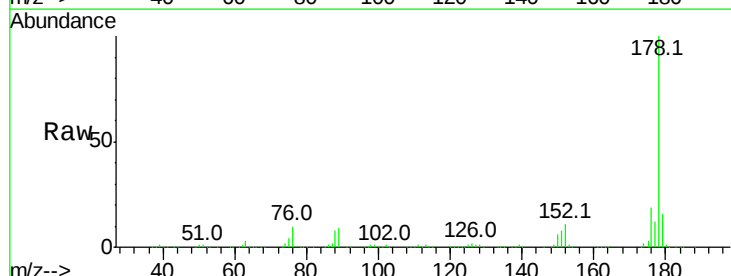
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.4	51.1	76.7
264	62.9	49.5	74.3



#70
 Phenanthrene
 Concen: 44.413 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.6	13.0	19.6

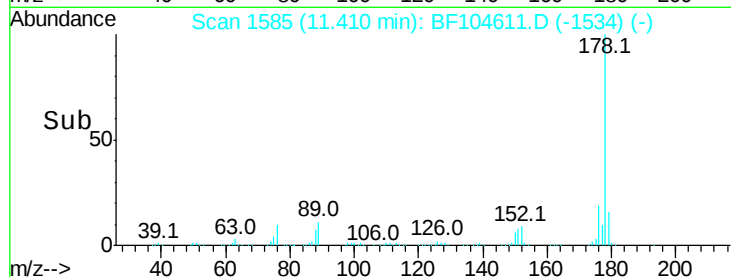
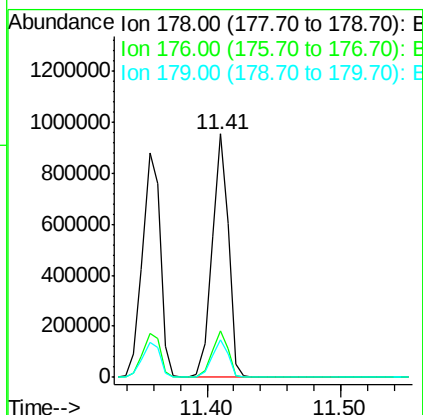
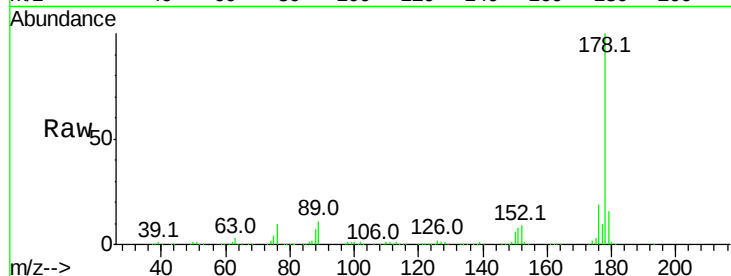




#71
 Anthracene
 Concen: 44.251 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

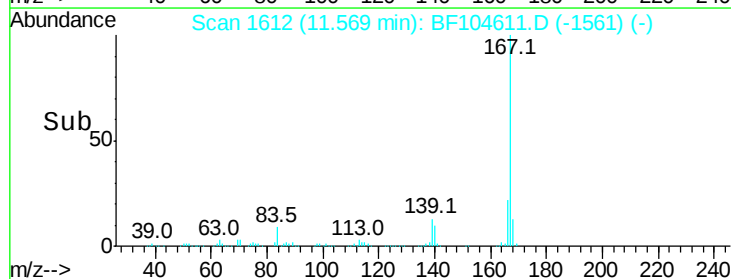
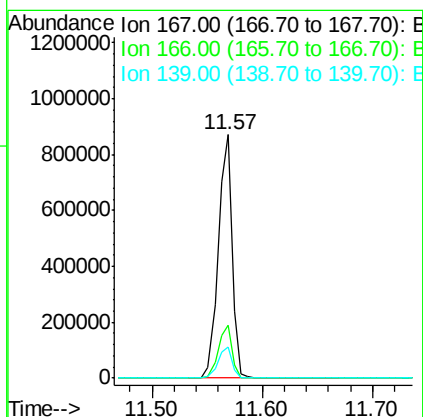
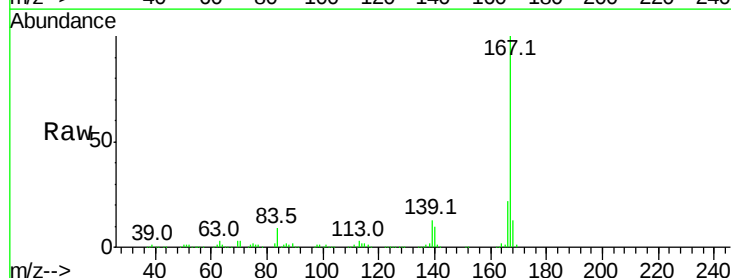
Instrument :
 BNA_F
 ClientSampleId :

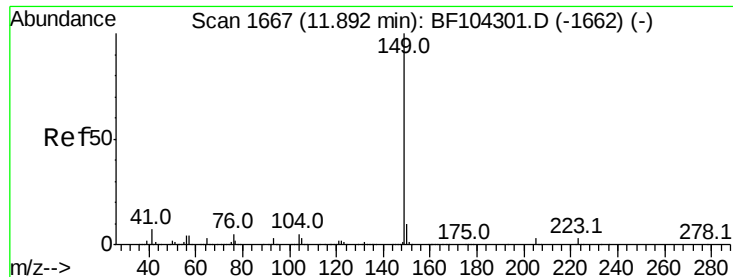
Tot Ion:178 Resp: 819911
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 41.843 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Tgt Ion:167 Resp: 757600
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 45.411 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

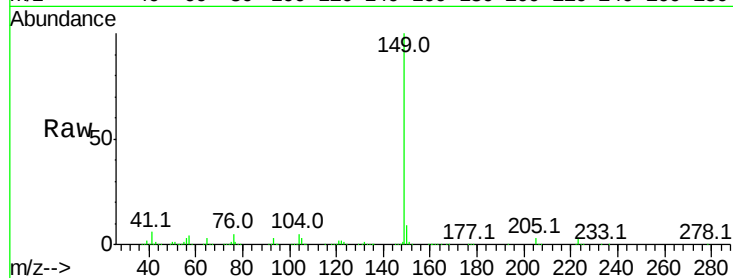
Tot Ion:149 Resp: 1004357

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

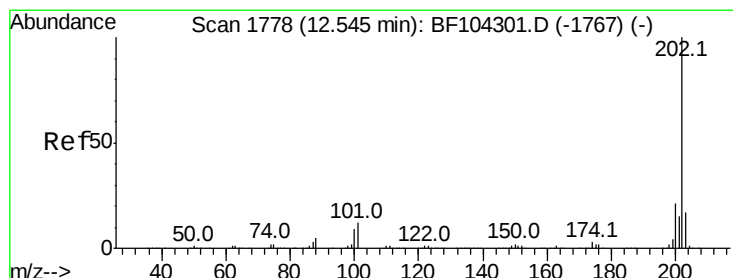
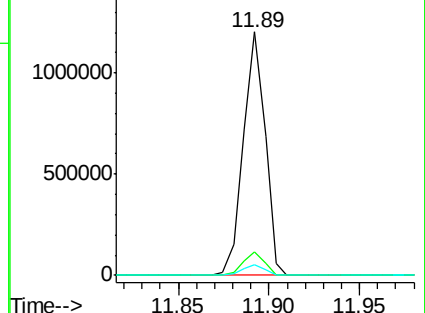
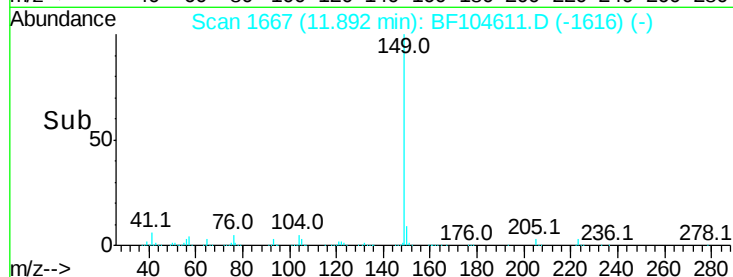
104 4.6 3.8 5.8



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: 41.860 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

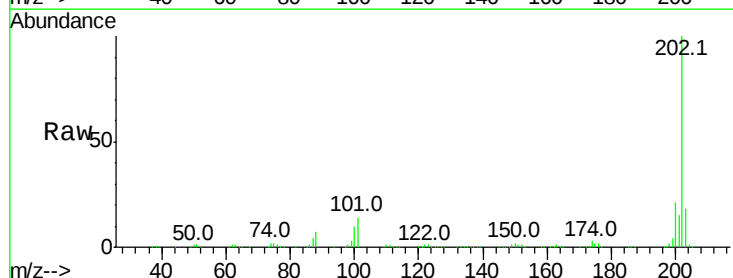
Tgt Ion:202 Resp: 797194

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

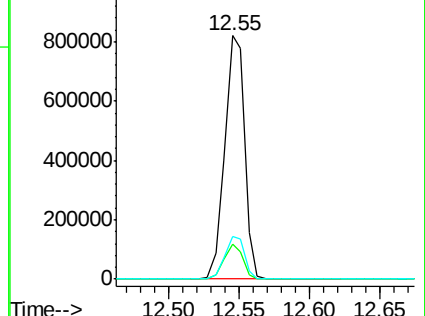
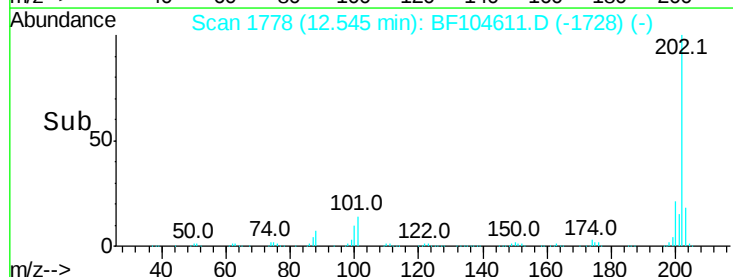
203 17.6 0.0 38.1

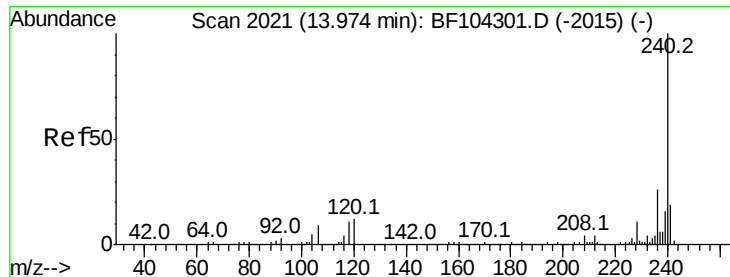


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampled :

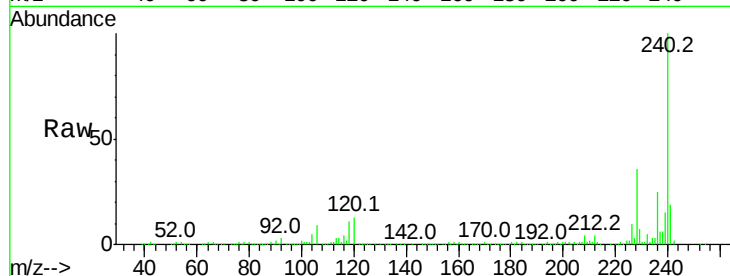
Tot Ion:240 Resp: 270945

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

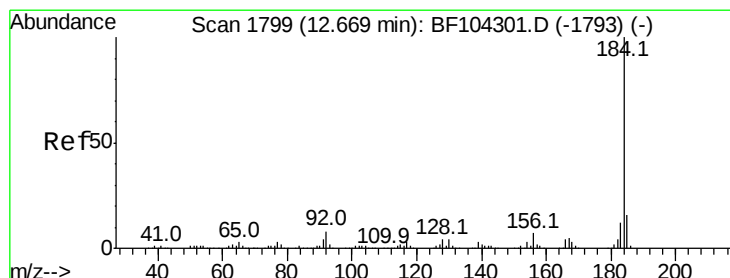
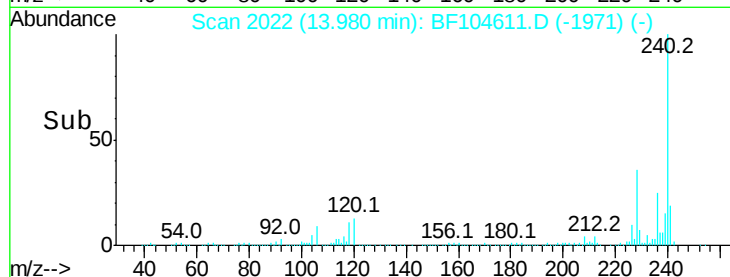
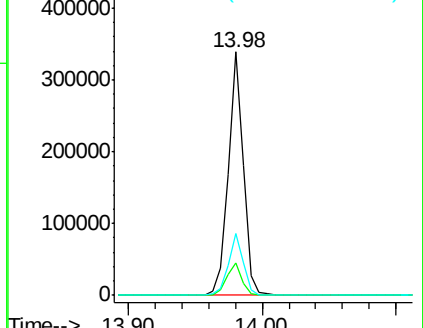
236 25.3 20.7 31.1



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: 50.697 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

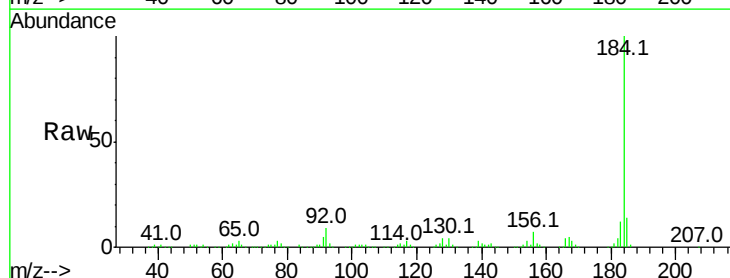
Tgt Ion:184 Resp: 433040

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

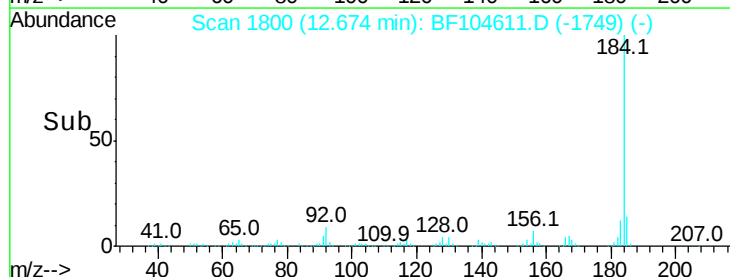
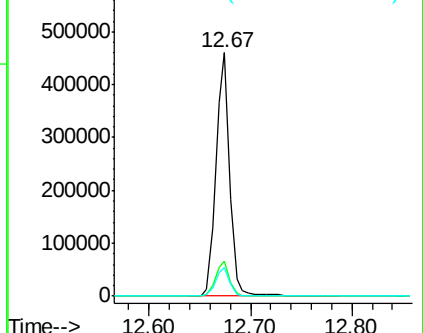
183 11.8 9.3 13.9

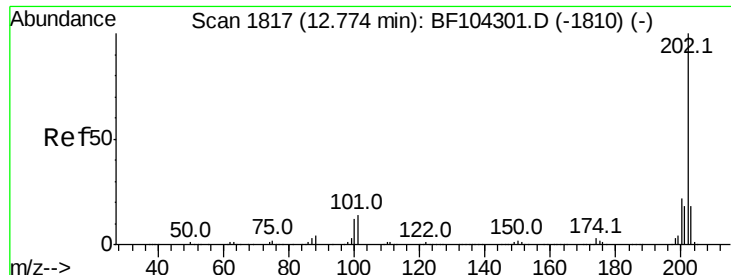


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

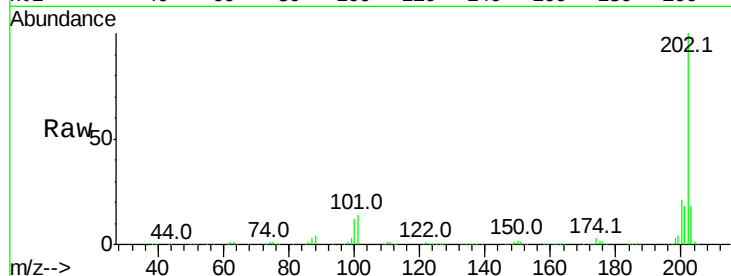




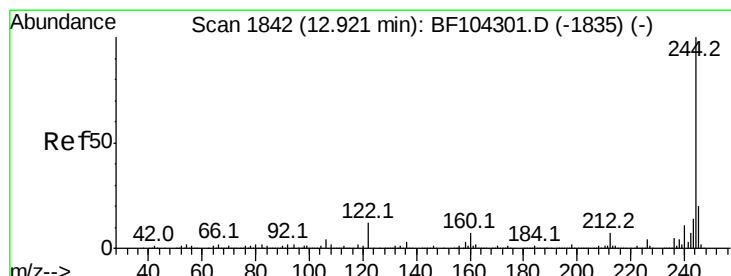
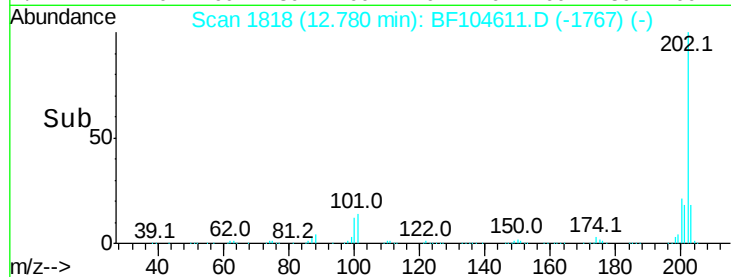
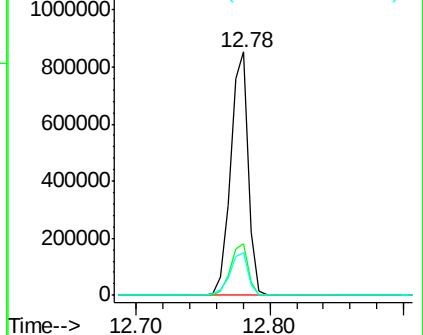
#77
Pvrene
Concen: 39.431 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 791900
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.6 14.3 21.5

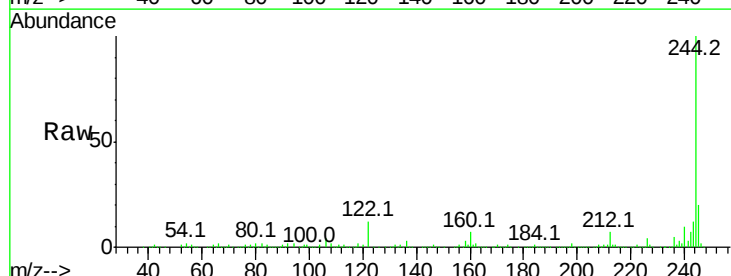


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

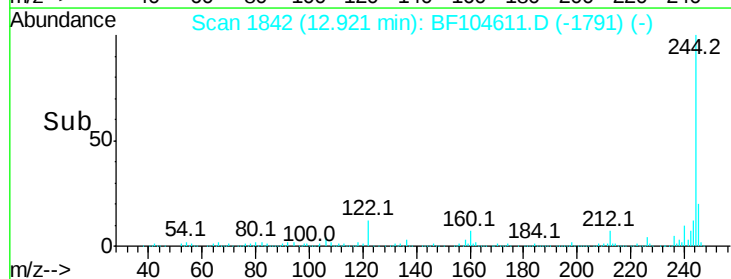
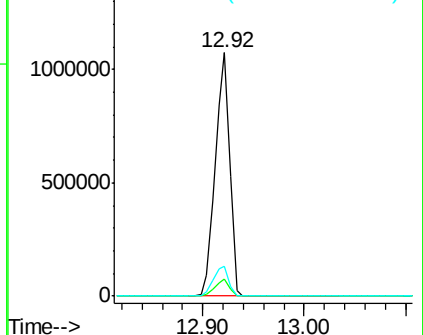


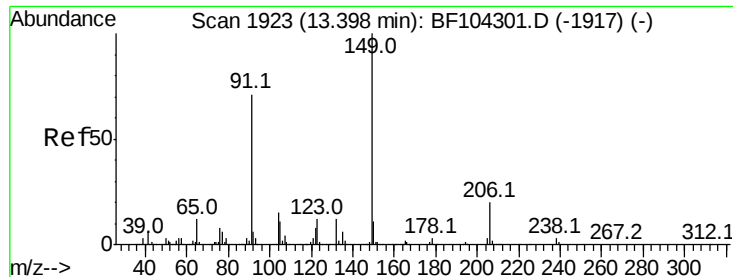
#78
Terphenyl-d14
Concen: 89.279 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion:244 Resp: 1061029
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.5 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

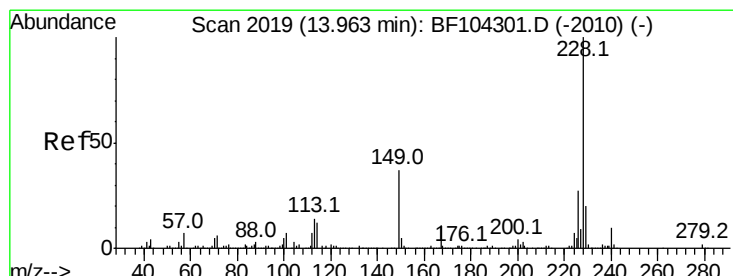
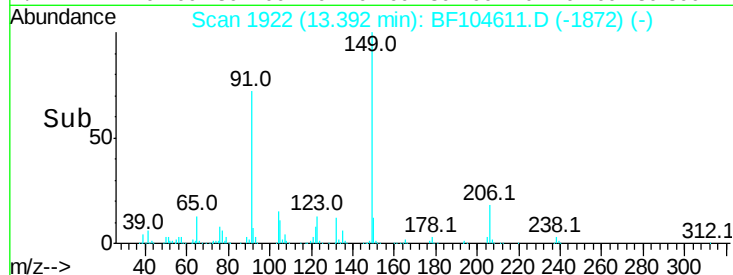
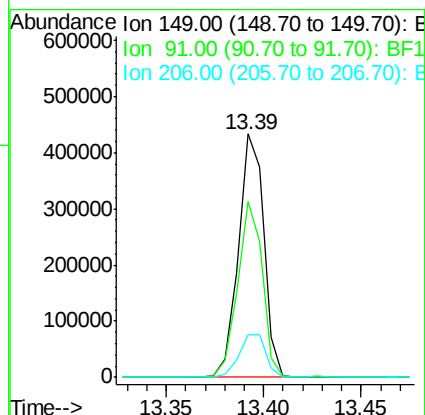
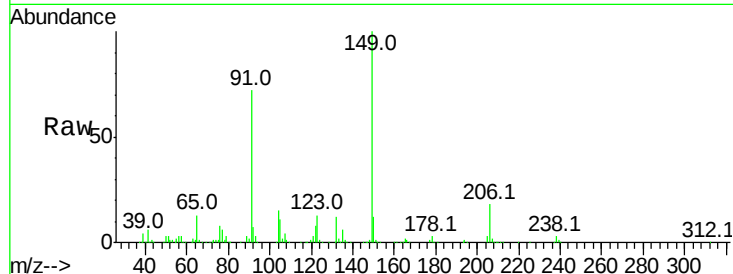




#79
Butylbenzylphthalate
Concen: 41.169 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

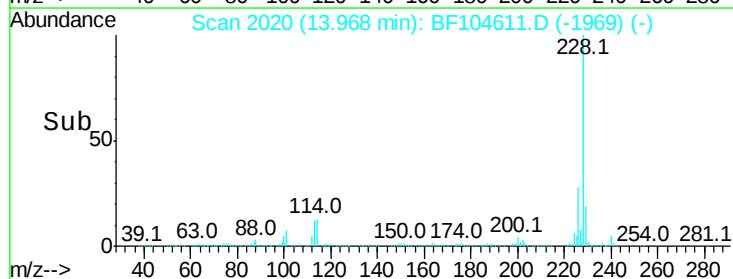
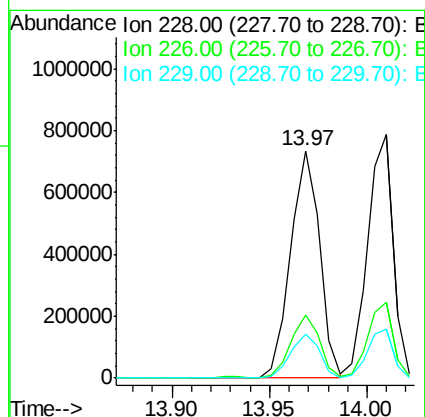
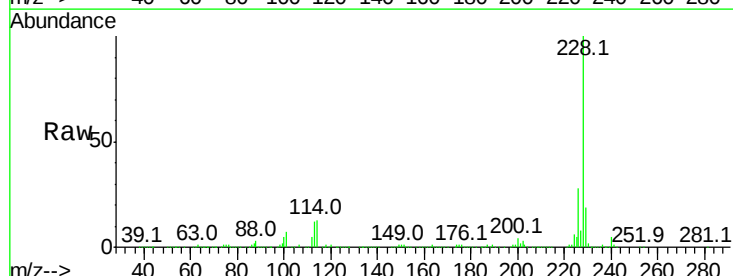
Instrument :
BNA_F
ClientSampled :

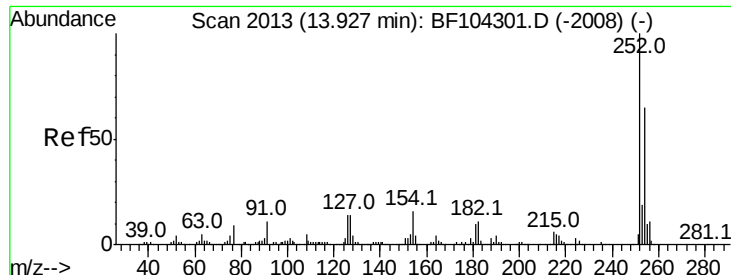
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	56.8	85.2
206	17.7	14.1	21.1



#80
Benzo(a)anthracene
Concen: 46.759 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.5	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 39.409 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :

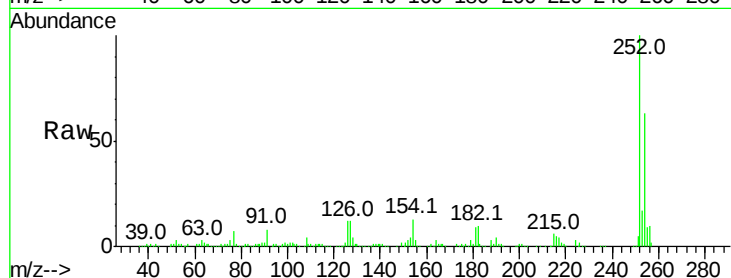
Tot Ion:252 Resp: 237841

Ion Ratio Lower Upper

252 100

254 62.6 50.4 75.6

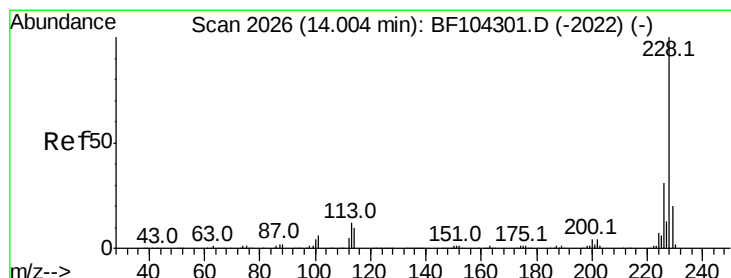
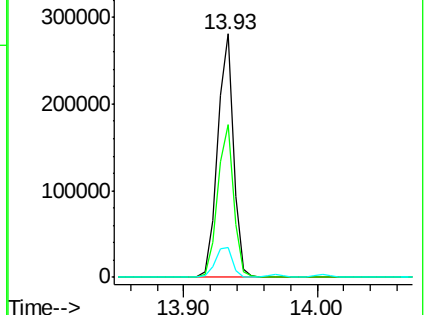
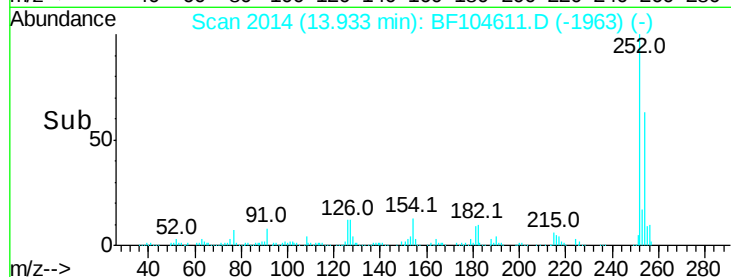
126 12.1 11.3 16.9



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: 43.118 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

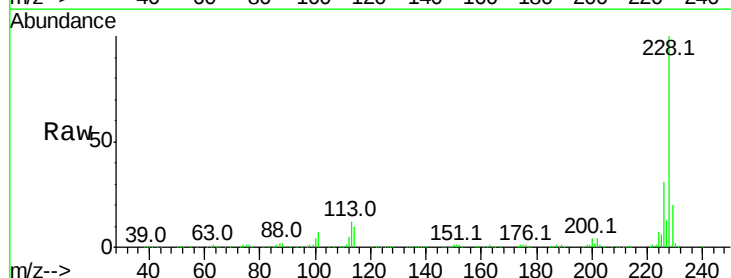
Tgt Ion:228 Resp: 716879

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

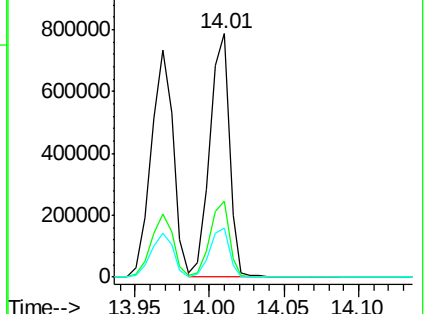
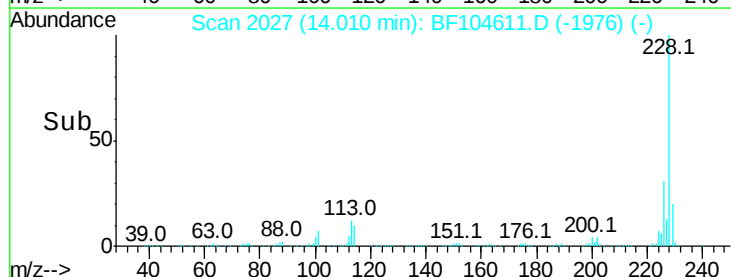
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

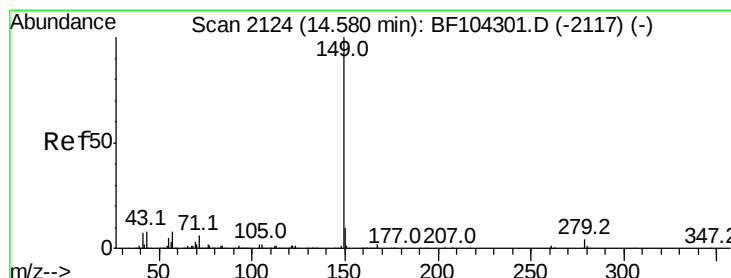
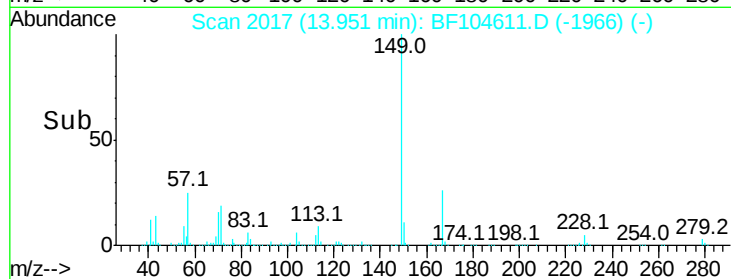
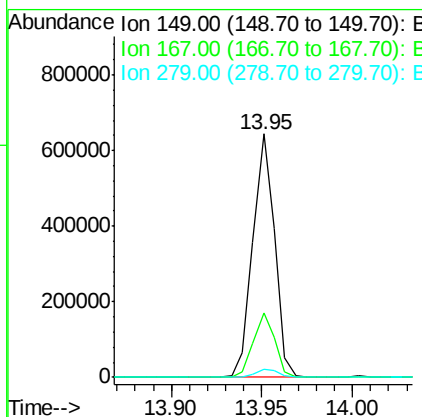
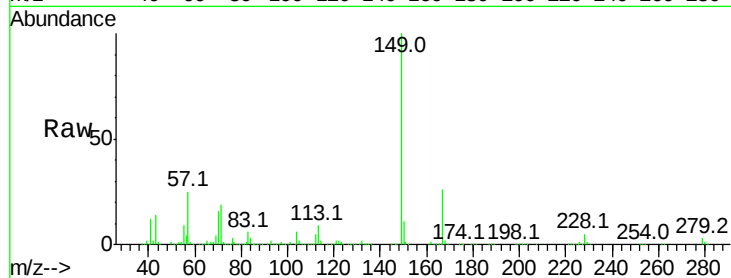




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.284 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

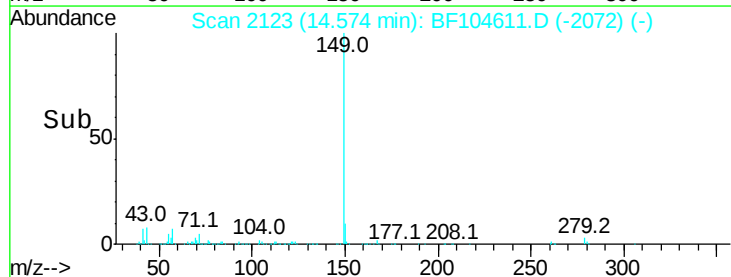
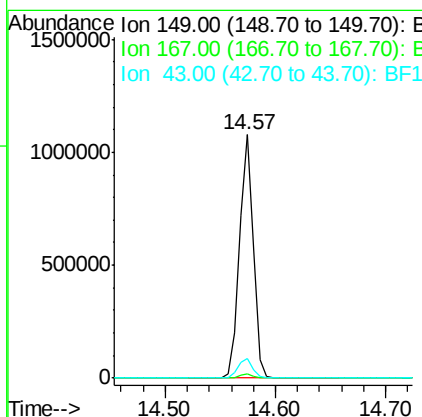
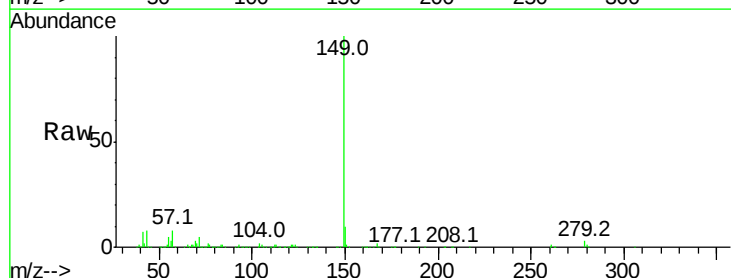
Instrument :
 BNA_F
 ClientSampleId :

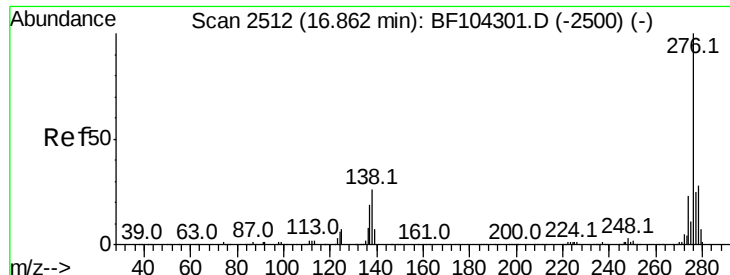
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.2	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 46.599 ng
 RT: 14.57 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BF104611.D
 Acq: 18 Apr 2018 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.4	8.4	12.6#

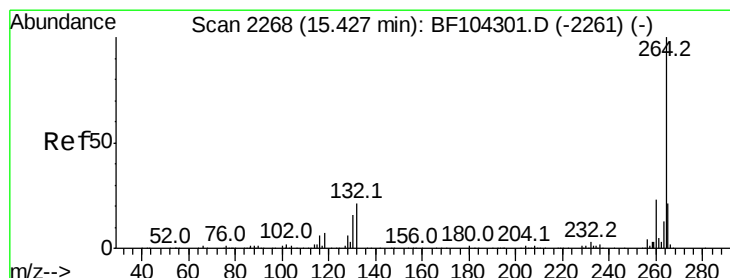
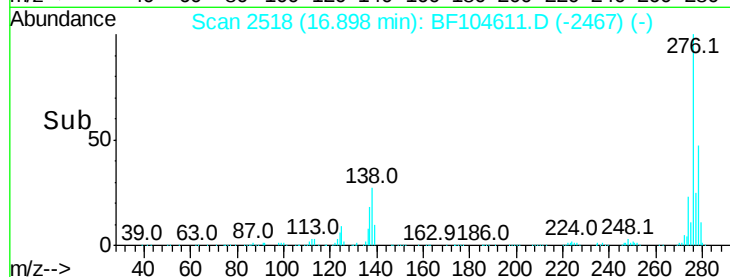
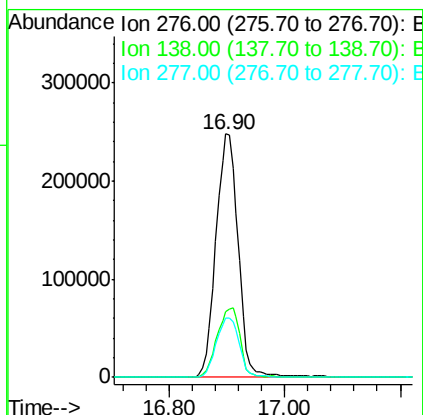
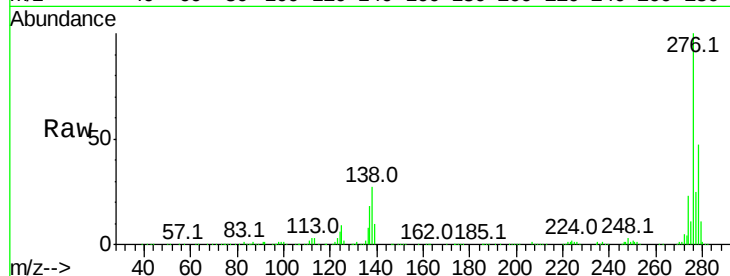




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.934 ng
RT: 16.90 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

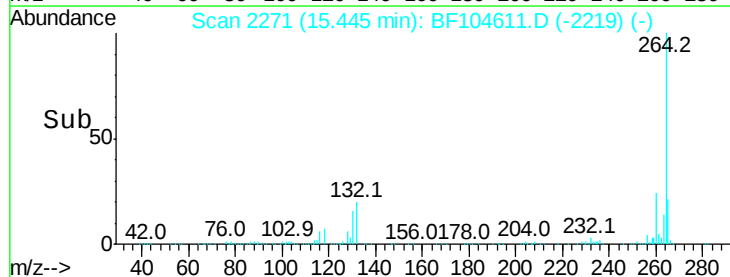
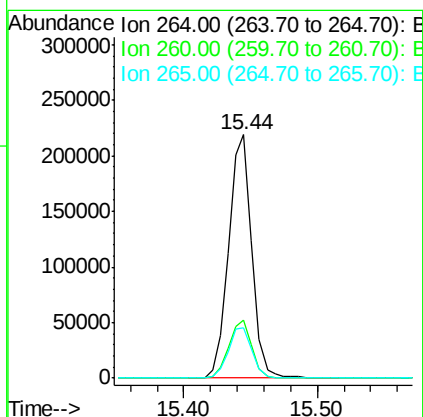
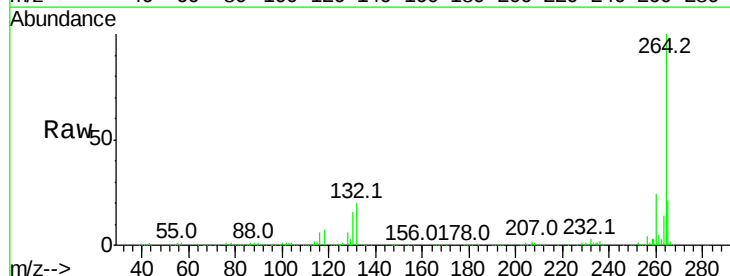
Instrument :
BNA_F
ClientSampleId :

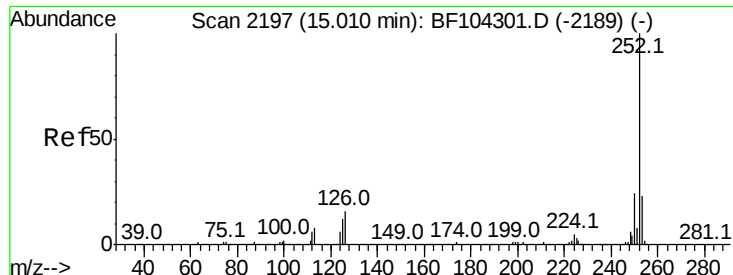
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	25.6	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3

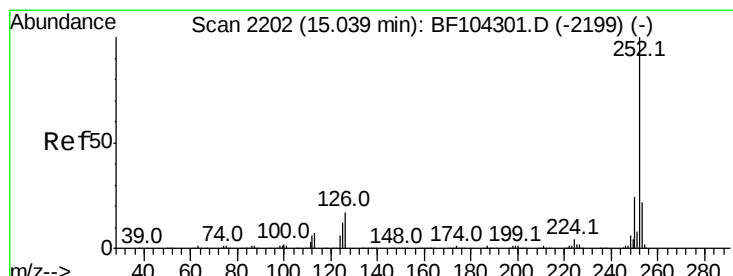
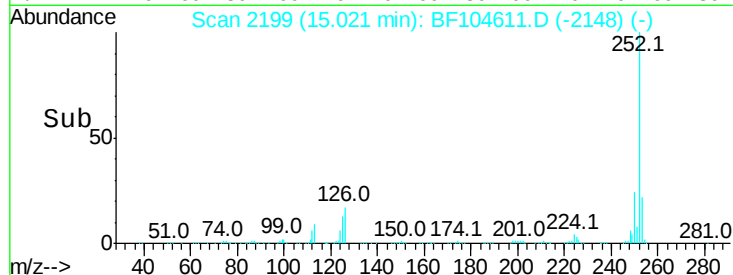
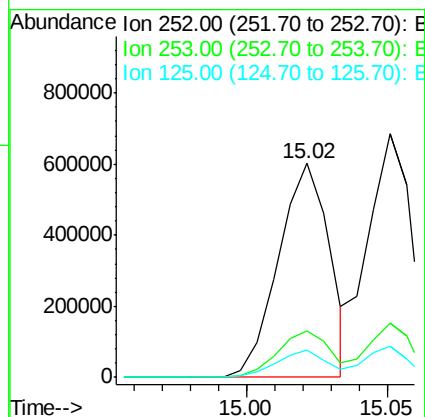
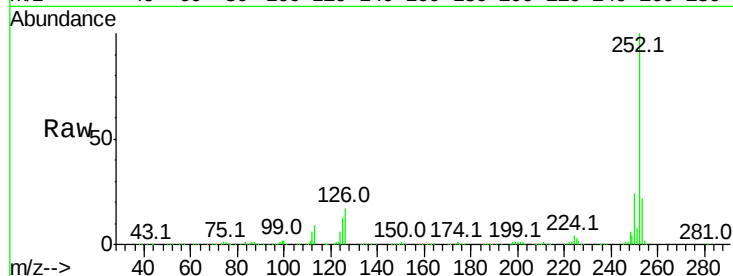




#87
Benzo(b)fluoranthene
Concen: 44.856 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

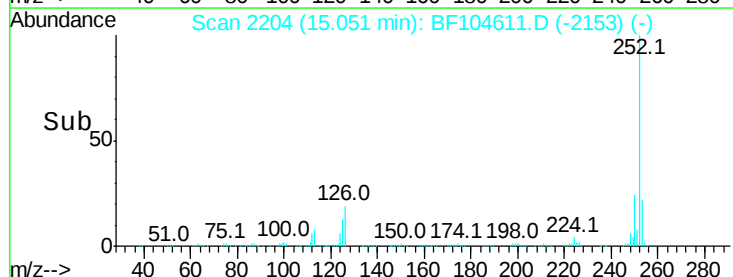
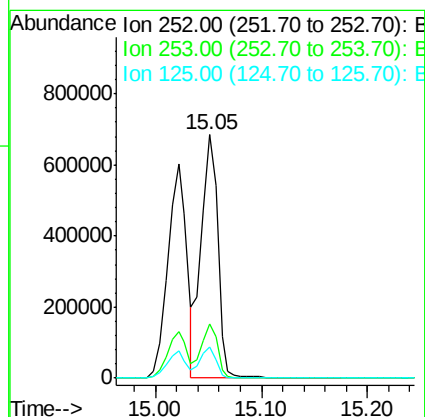
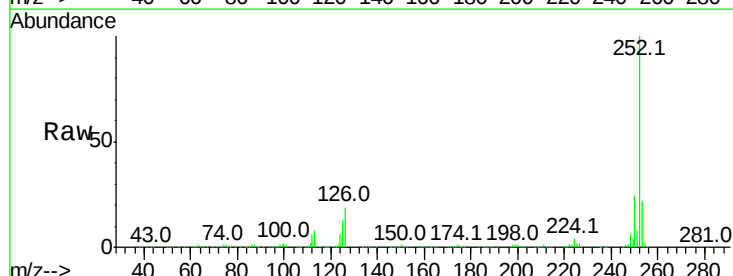
Instrument :
BNA_F
ClientSampleId :

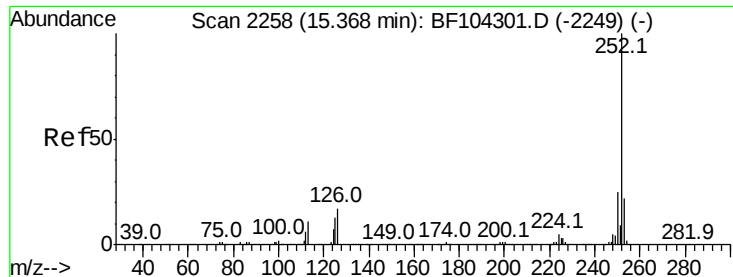
Tot Ion:252 Resp: 755720
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.500 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion:252 Resp: 739615
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.9 10.2 15.2

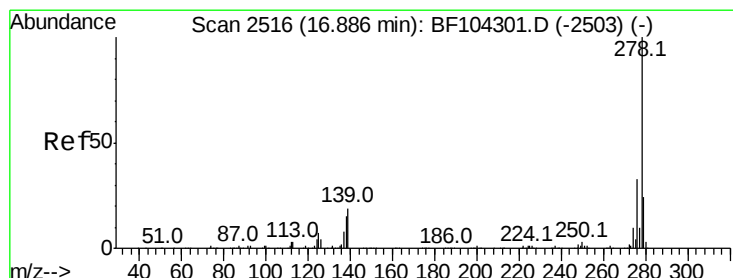
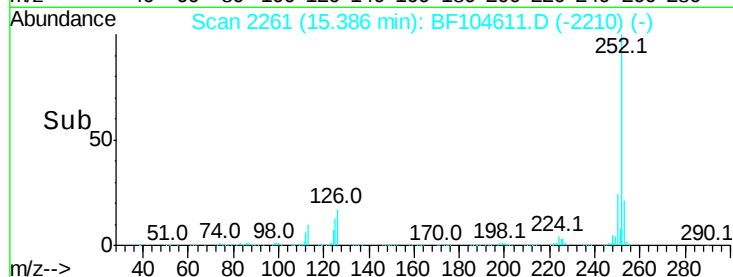
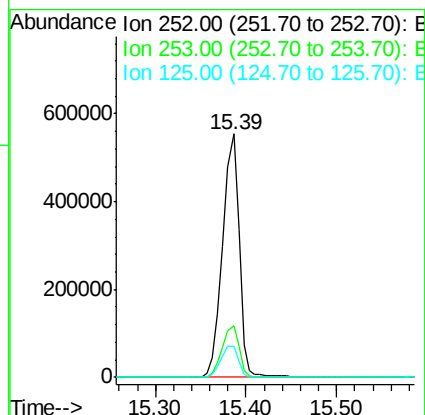
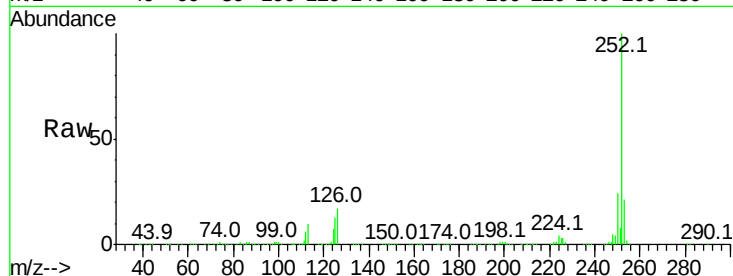




#89
Benzo(a)pyrene
Concen: 46.703 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

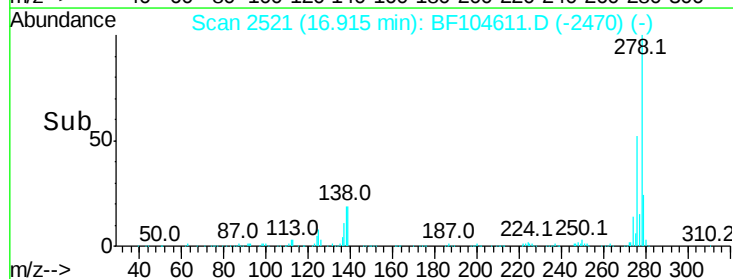
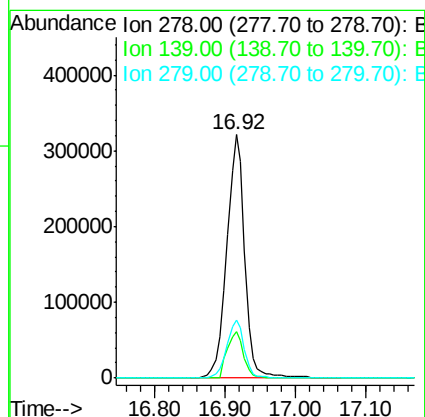
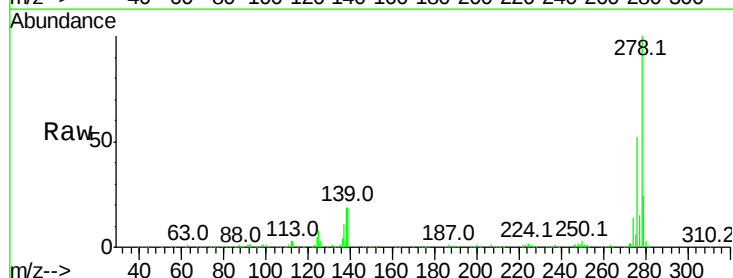
Instrument :
BNA_F
ClientSampleId :

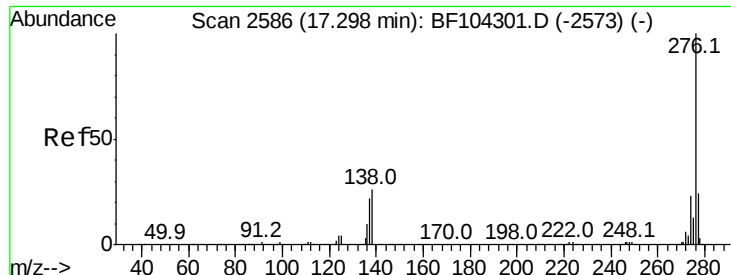
Tot Ion:252 Resp: 704025
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 12.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.858 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF104611.D
Acq: 18 Apr 2018 19:31

Tgt Ion:278 Resp: 567762
Ion Ratio Lower Upper
278 100
139 18.9 15.9 23.9
279 24.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 43.529 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.00 min

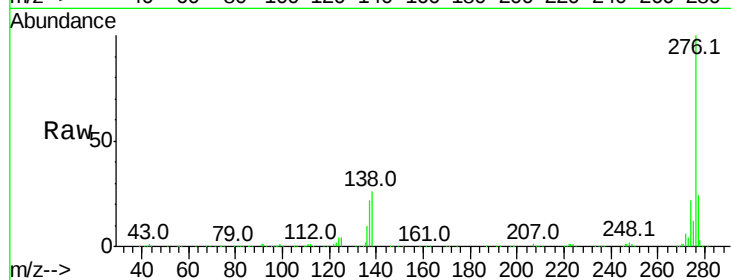
Lab File: BF104611.D

Acq: 18 Apr 2018 19:31

Instrument :

BNA_F

ClientSampleId :



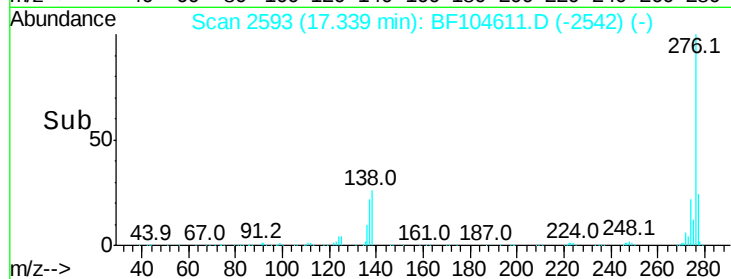
Tot Ion:276 Resp: 522120

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 25.7 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

