

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103687.D
 Acq On : 16 Mar 2018 11:03
 Operator : JU/SJ
 Sample : PB107245BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 13:28:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 13:24:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160266	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	659103	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	311120	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	566445	20.00	ng	0.00
75) Chrysene-d12	14.15	240	452925	20.00	ng	0.00
86) Perylene-d12	15.67	264	363021	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1153388	109.46	ng	0.01
7) Phenol-d6	6.59	99	1422658	110.36	ng	0.00
23) Nitrobenzene-d5	7.53	82	866929	91.72	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	334320	124.98	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1488321	76.31	ng	0.00
78) Terphenyl-d14	13.09	244	1532576	78.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	173868	33.511	ng	93
3) Pyridine	3.66	79	481973	33.773	ng	90
4) n-Nitrosodimethylamine	3.62	42	209865	39.884	ng	87
6) Aniline	6.63	93	307479	16.704	ng	98
8) 2-Chlorophenol	6.75	128	439713	39.836	ng	98
9) Benzaldehyde	6.52	77	199889	23.602	ng	99
10) Phenol	6.60	94	530540	38.730	ng	99
11) bis(2-Chloroethyl)ether	6.70	93	422067	37.324	ng	99
12) 1,3-Dichlorobenzene	6.91	146	448761	35.696	ng	100
13) 1,4-Dichlorobenzene	6.99	146	455050	36.021	ng	99
14) 1,2-Dichlorobenzene	7.14	146	420629	35.882	ng	98
15) Benzyl Alcohol	7.10	79	388031	38.849	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	588864	36.612	ng	96
17) 2-Methylphenol	7.21	107	370224	37.664	ng	99
18) Hexachloroethane	7.48	117	169861	38.225	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	302848	36.658	ng	96
20) 3+4-Methylphenols	7.36	107	465161	37.289	ng	99
22) Acetophenone	7.37	105	599158	35.371	ng	# 95
24) Nitrobenzene	7.55	77	467532	42.135	ng	96
25) Isophorone	7.79	82	865522	39.559	ng	99
26) 2-Nitrophenol	7.86	139	209055	49.221	ng	99
27) 2,4-Dimethylphenol	7.89	122	418877	44.689	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	546461	41.246	ng	99
29) 2,4-Dichlorophenol	8.10	162	359479	42.155	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	359264	36.324	ng	99
31) Naphthalene	8.27	128	1232217	37.010	ng	100
32) Benzoic acid	7.89	122	418877	60.171	ng	# 14
33) 4-Chloroaniline	8.31	127	157816	11.298	ng	99
34) Hexachlorobutadiene	8.39	225	194072	35.788	ng	99
36) 4-Chloro-3-methylphenol	8.79	107	392355	41.736	ng	99
37) 2-Methylnaphthalene	8.96	142	811639	38.441	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	323317	36.426	ng	98
40) Hexachlorocyclopentadiene	9.12	237	392404	85.678	ng	97
42) 2,4,6-Trichlorophenol	9.23	196	248651	43.798	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

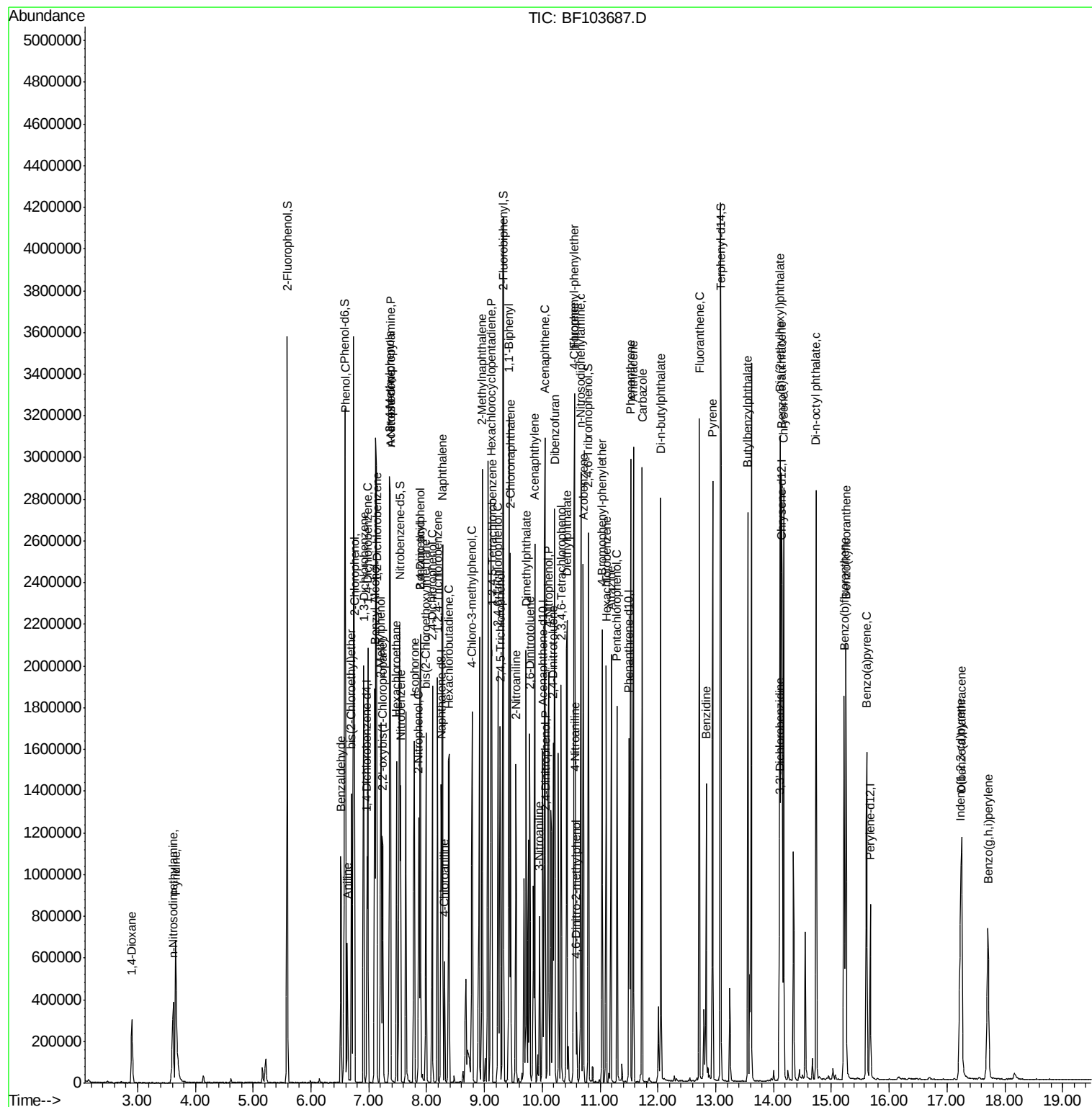
43) 2,4,5-Trichlorophenol	9.27	196	259485	40.495	ng	97
45) 1,1'-Biphenyl	9.43	154	944819	36.419	ng	99
46) 2-Chloronaphthalene	9.45	162	766029	37.176	ng	100
47) 2-Nitroaniline	9.55	65	241297	45.224	ng	95
48) Acenaphthylene	9.87	152	1173988	36.742	ng	99
49) Dimethylphthalate	9.73	163	906638	38.195	ng	99
50) 2,6-Dinitrotoluene	9.79	165	197935	43.512	ng	95
51) Acenaphthene	10.05	154	702373	37.021	ng	98
52) 3-Nitroaniline	9.96	138	119771	23.849	ng	96
53) 2,4-Dinitrophenol	10.06	184	25802	33.986	ng	# 33
54) Dibenzofuran	10.22	168	1053667	38.885	ng	98
55) 4-Nitrophenol	10.11	139	362041	83.103	ng	100
56) 2,4-Dinitrotoluene	10.19	165	269753	46.582	ng	98
57) Fluorene	10.56	166	794803	37.800	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	197251	43.443	ng	98
59) Diethylphthalate	10.43	149	900875	38.238	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	364127	37.893	ng	99
61) 4-Nitroaniline	10.57	138	225427	42.986	ng	97
62) Azobenzene	10.71	77	925786	38.651	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	39612	26.412	ng	83
65) n-Nitrosodiphenylamine	10.67	169	738622	38.309	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	225928	38.847	ng	95
67) Hexachlorobenzene	11.10	284	249258	37.551	ng	97
68) Atrazine	11.19	200	239009	40.073	ng	98
69) Pentachlorophenol	11.30	266	187898	49.236	ng	98
70) Phenanthrene	11.53	178	1167796	37.688	ng	99
71) Anthracene	11.57	178	1218945	38.732	ng	99
72) Carbazole	11.73	167	1145859	37.461	ng	99
73) Di-n-butylphthalate	12.05	149	1461626	39.824	ng	100
74) Fluoranthene	12.72	202	1248881	39.122	ng	100
76) Benzidine	12.83	184	451957	23.396	ng	99
77) Pyrene	12.95	202	1272395	38.253	ng	100
79) Butylbenzylphthalate	13.56	149	628827	42.670	ng	96
80) Benzo(a)anthracene	14.14	228	1112112	38.790	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	119279	12.438	ng	97
82) Chrysene	14.17	228	1041998	38.127	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	860658	40.880	ng	99
84) Di-n-octyl phthalate	14.74	149	1376486	44.941	ng	98
85) Indeno(1,2,3-cd)pyrene	17.23	276	800512	33.541	ng	97
87) Benzo(b)fluoranthene	15.22	252	978256	42.654	ng	98
88) Benzo(k)fluoranthene	15.26	252	872027	39.554	ng	99
89) Benzo(a)pyrene	15.61	252	865324	41.598	ng	98
90) Dibenzo(a,h)anthracene	17.26	278	673254	37.377	ng	99
91) Benzo(g,h,i)perylene	17.72	276	659461	37.633	ng	96

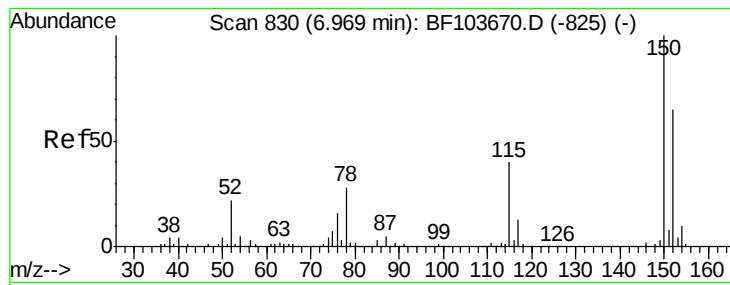
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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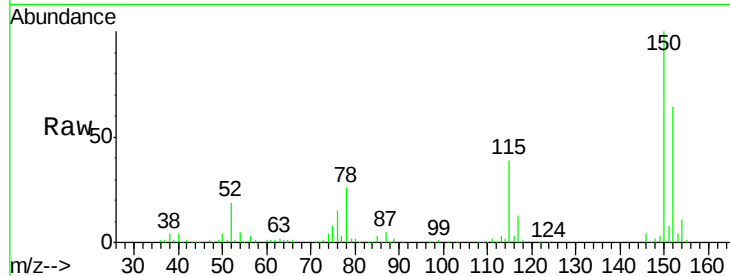


#1

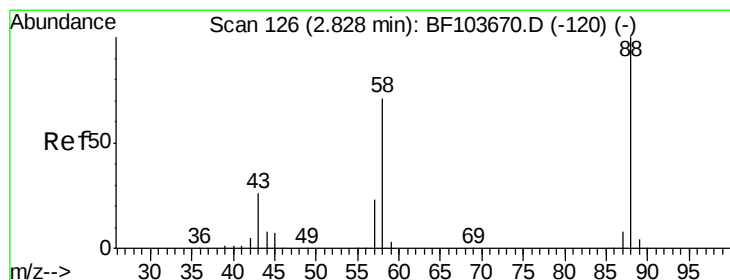
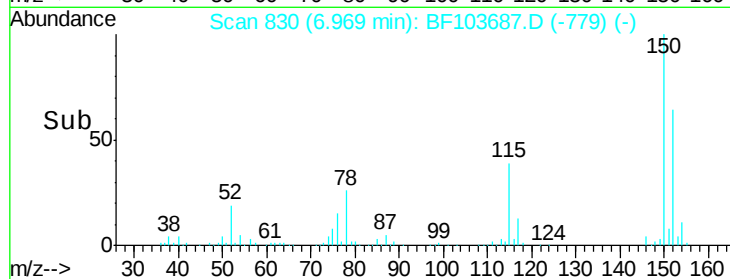
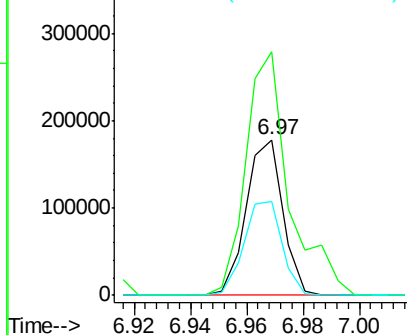
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160266
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.5 50.1 75.1



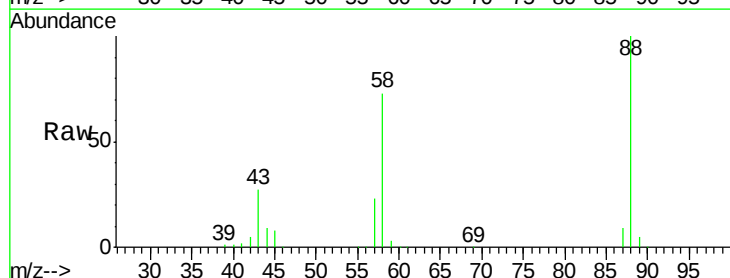
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



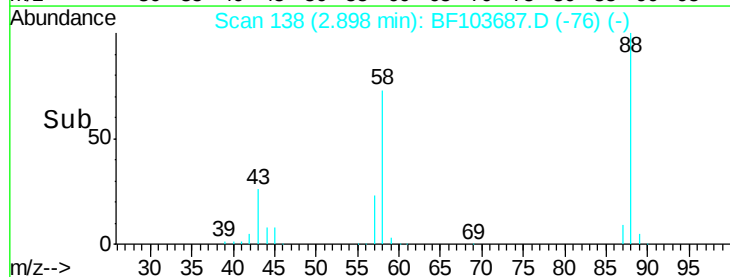
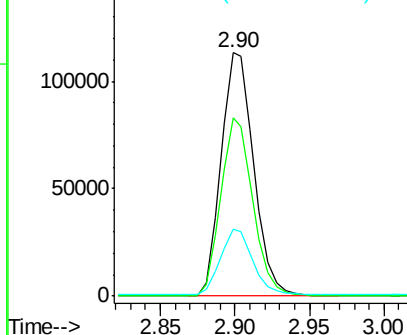
#2

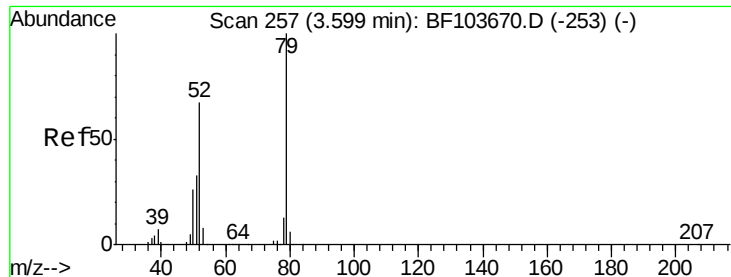
1,4-Dioxane
Concen: 33.511 ng
RT: 2.90 min Scan# 138
Delta R.T. 0.06 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion: 88 Resp: 173868
Ion Ratio Lower Upper
88 100
58 72.0 62.6 93.8
43 26.4 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

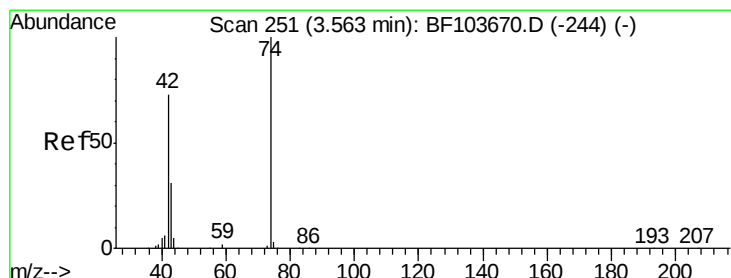
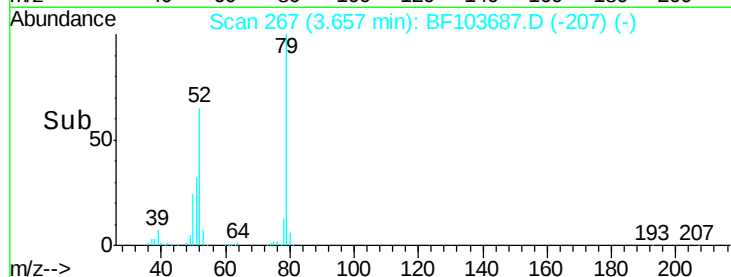
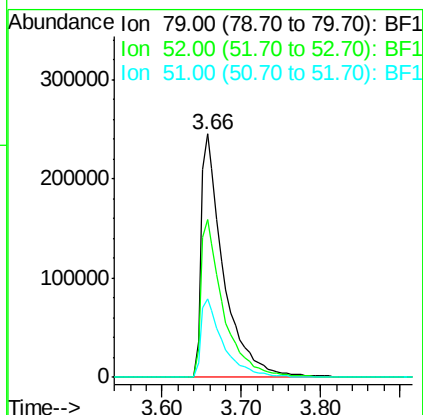
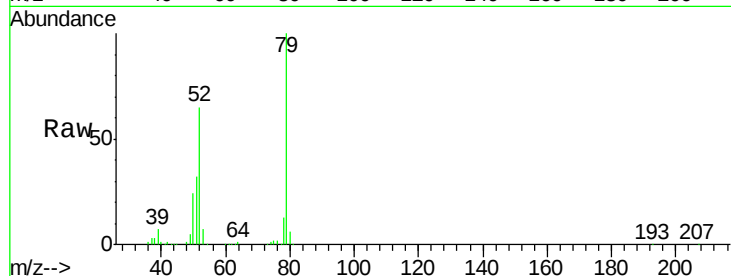




#3
 Pvridine
 Concen: 33.773 ng
 RT: 3.66 min Scan# 267
 Delta R.T. 0.05 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

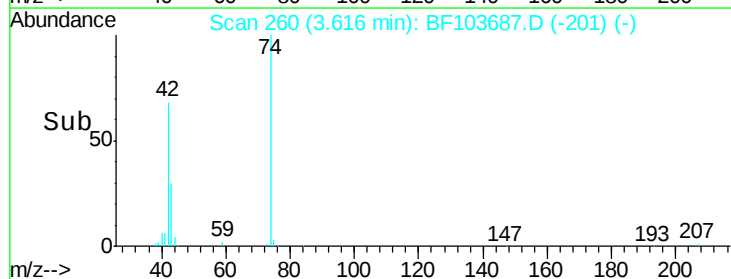
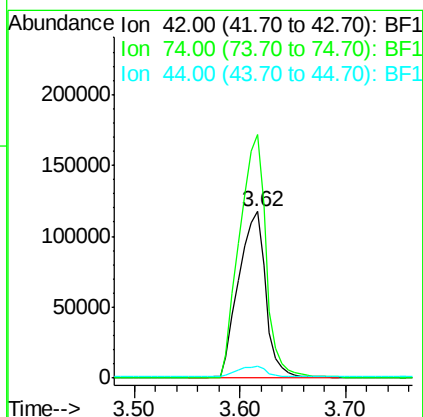
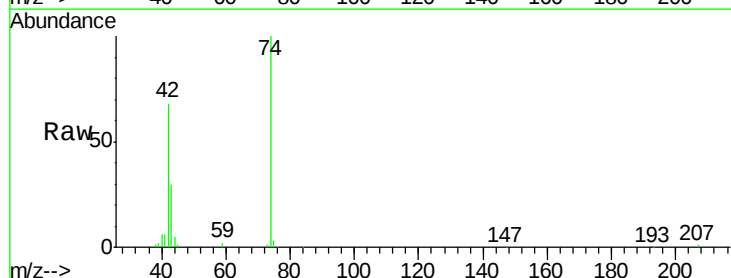
Instrument :
 BNA_F
 ClientSampleId :

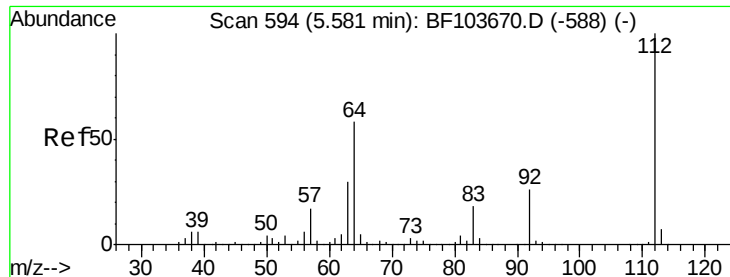
Tot Ion: 79 Resp: 481973
 Ion Ratio Lower Upper
 79 100
 52 65.1 59.8 89.6
 51 32.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 39.884 ng
 RT: 3.62 min Scan# 260
 Delta R.T. 0.05 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion: 42 Resp: 209865
 Ion Ratio Lower Upper
 42 100
 74 146.5 104.9 157.3
 44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 109.462 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :

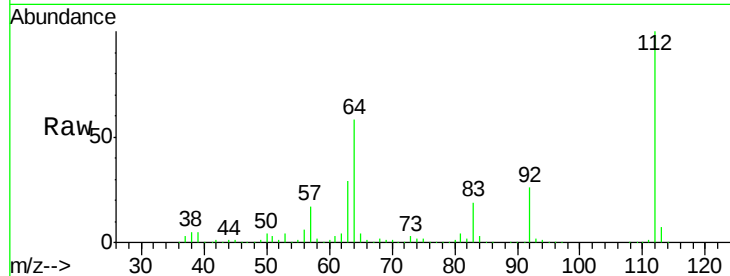
Tot Ion:112 Resp: 1153388

Ion Ratio Lower Upper

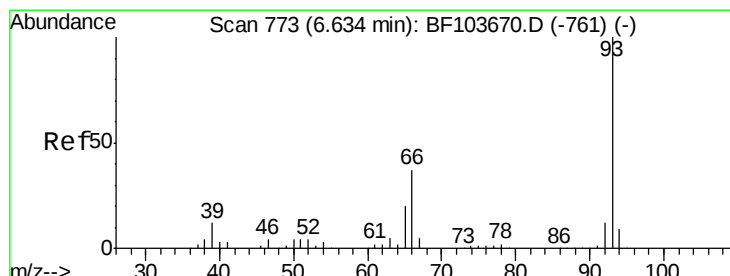
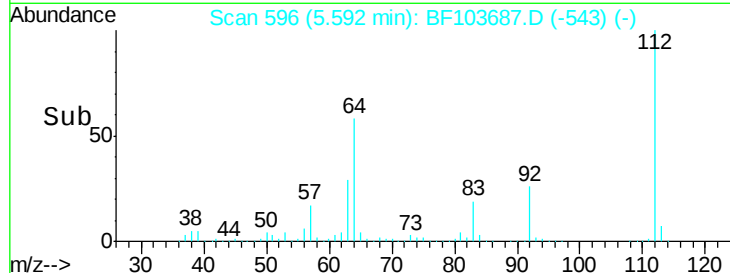
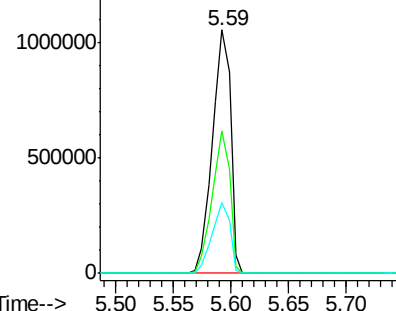
112 100

64 58.4 47.9 71.9

63 29.3 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: 16.704 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

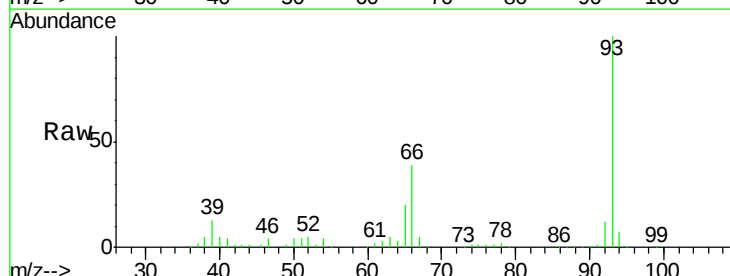
Tgt Ion: 93 Resp: 307479

Ion Ratio Lower Upper

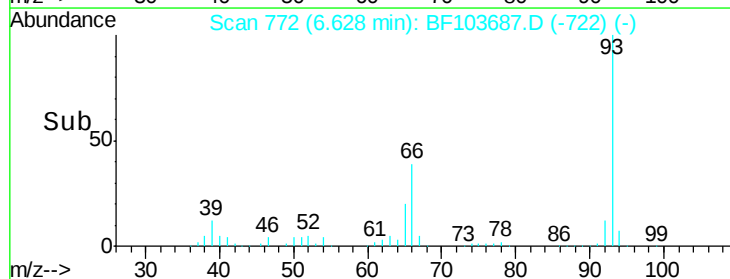
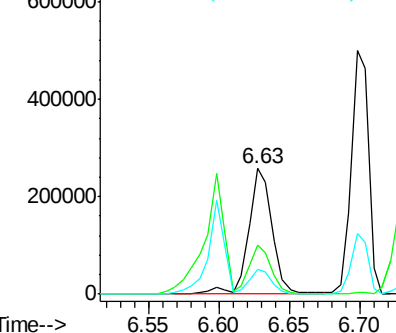
93 100

66 39.0 32.2 48.2

65 20.1 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.359 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

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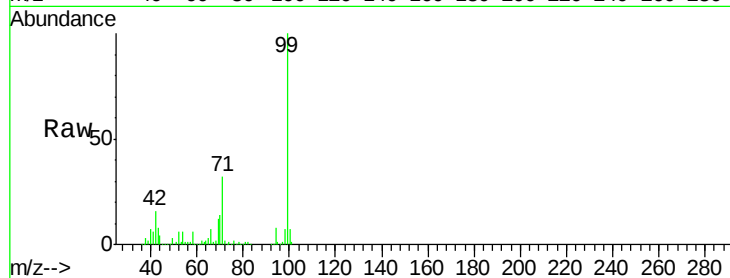
Tot Ion: 99 Resp: 1422658

Ion Ratio Lower Upper

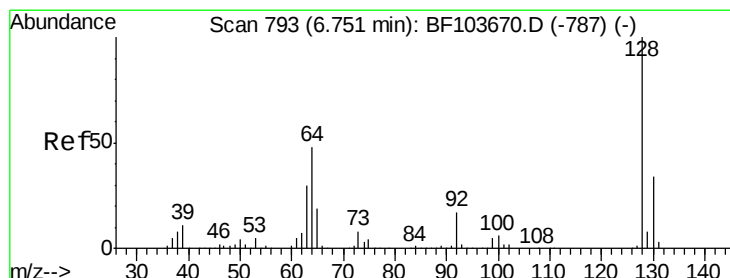
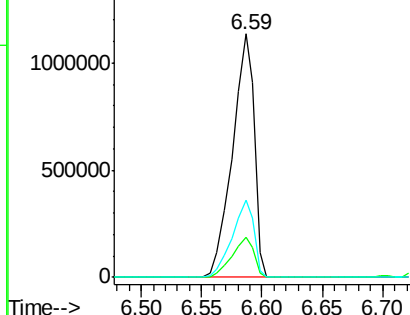
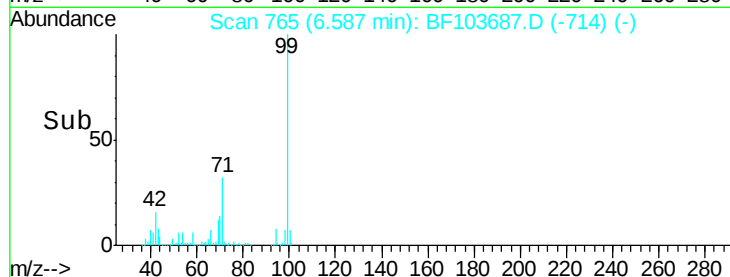
99 100

42 16.2 14.5 21.7

71 31.9 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.836 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

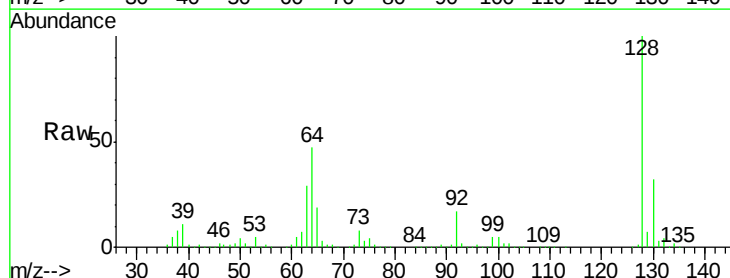
Tgt Ion: 128 Resp: 439713

Ion Ratio Lower Upper

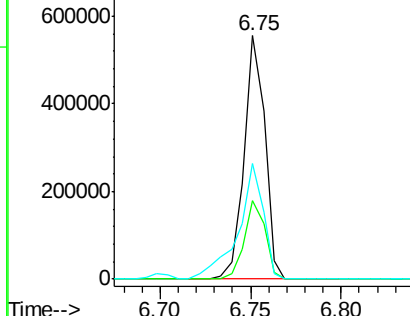
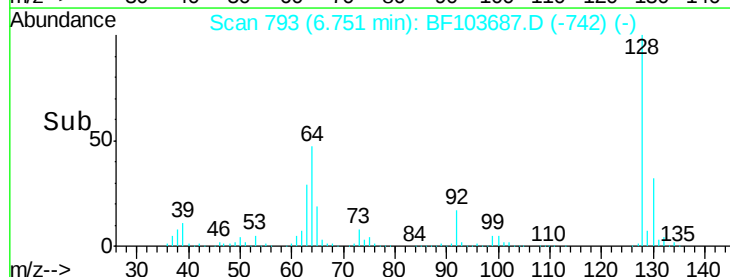
128 100

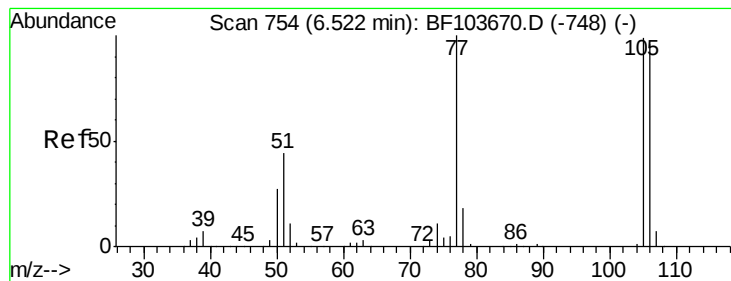
130 32.1 13.0 53.0

64 47.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.602 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

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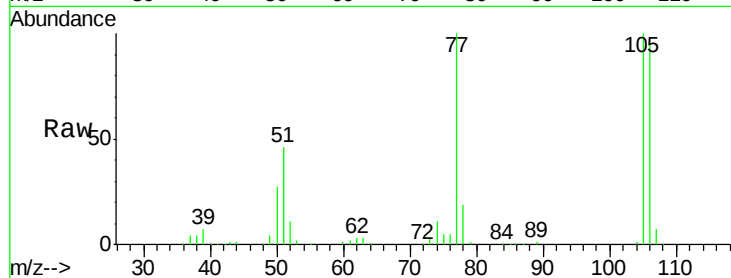
Tot Ion: 77 Resp: 199889

Ion Ratio Lower Upper

77 100

105 100.2 81.1 121.1

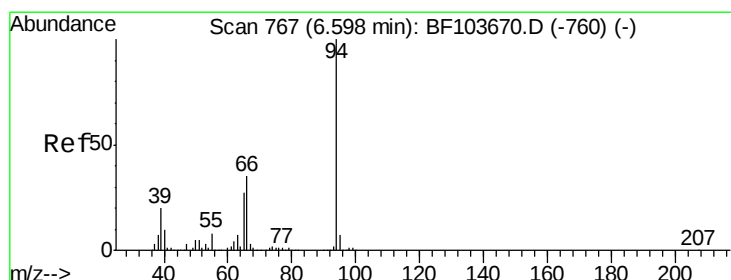
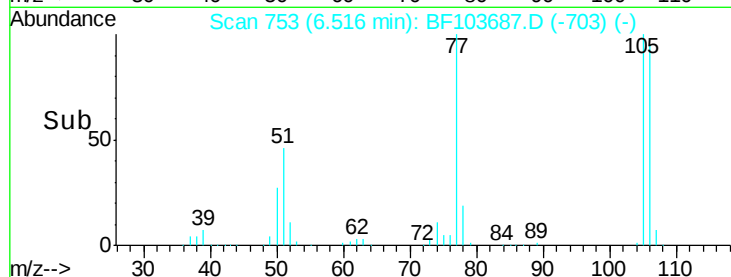
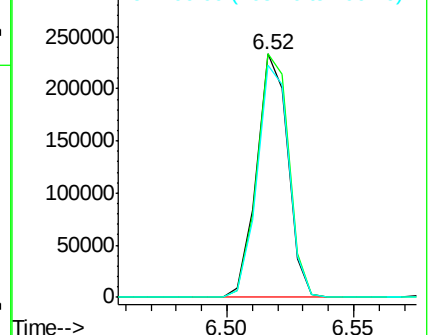
106 95.6 74.5 114.5



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: 38.730 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

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Acq: 16 Mar 2018 11:03

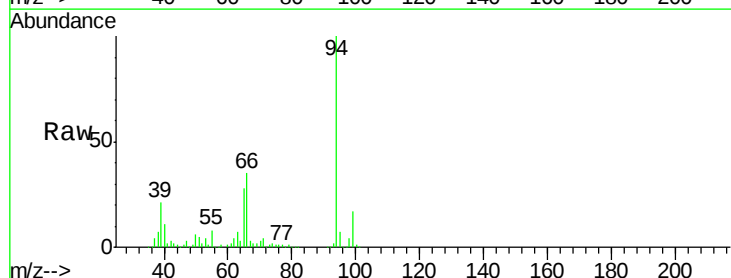
Tgt Ion: 94 Resp: 530540

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

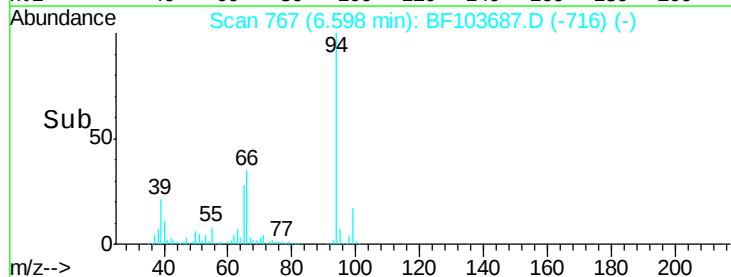
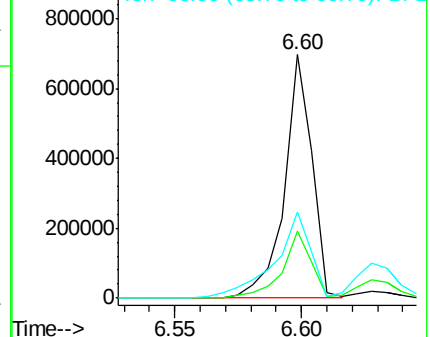
66 35.4 16.2 56.2

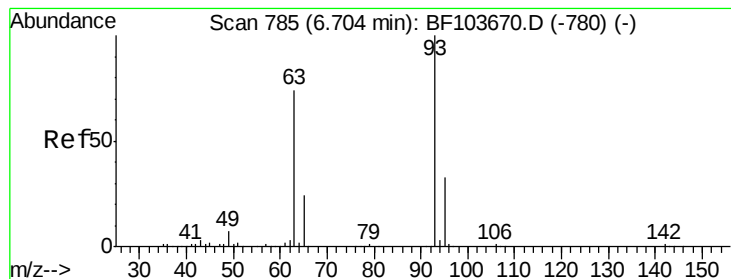


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.324 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

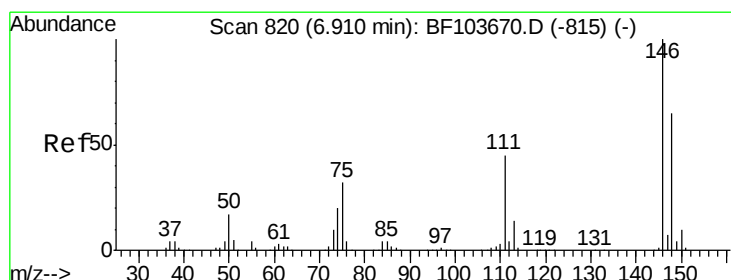
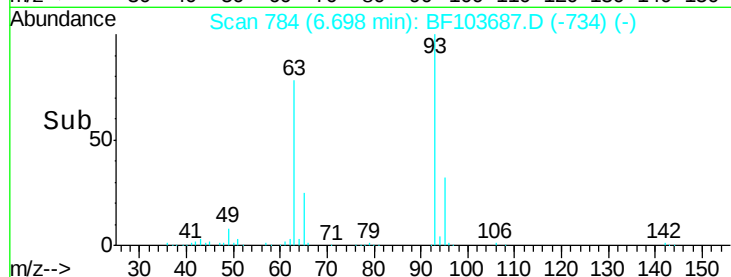
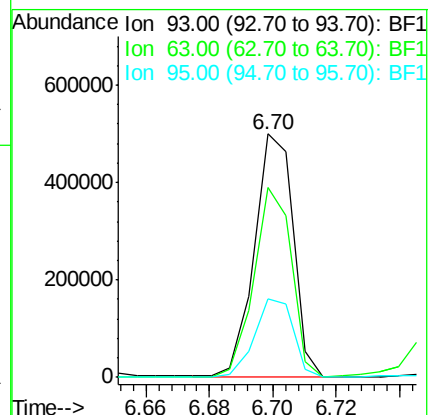
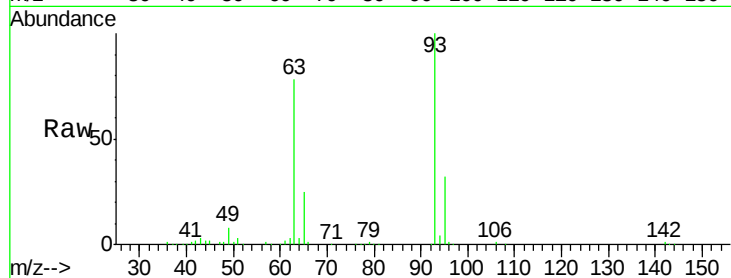
Tot Ion: 93 Resp: 422067

Ion Ratio Lower Upper

93 100

63 78.0 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 35.696 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

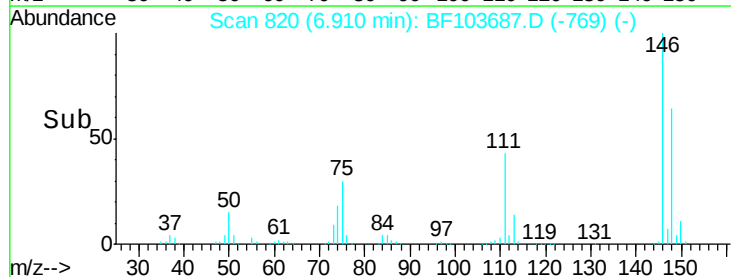
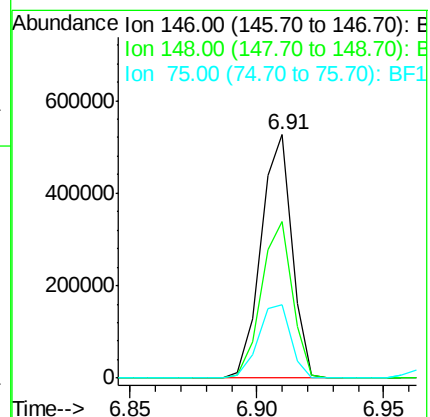
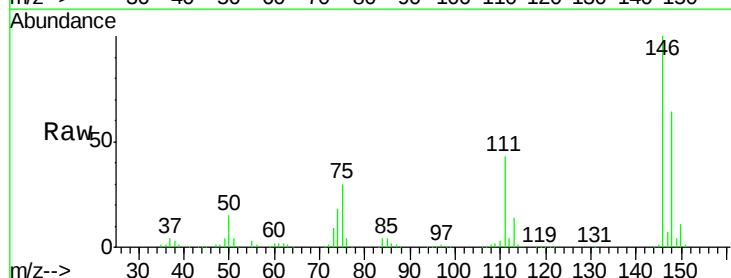
Tgt Ion: 146 Resp: 448761

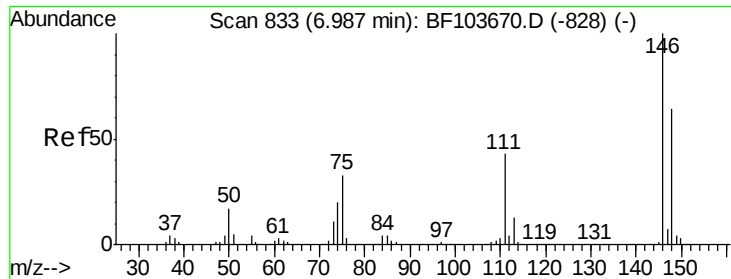
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 30.4 24.2 36.4

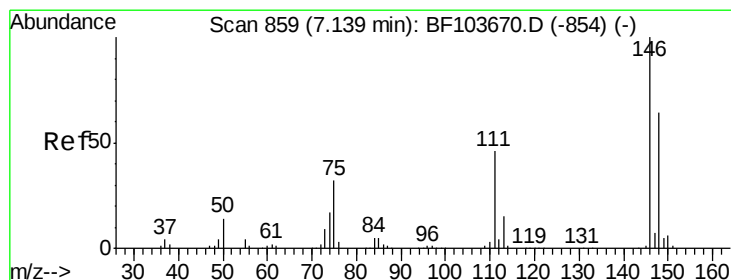
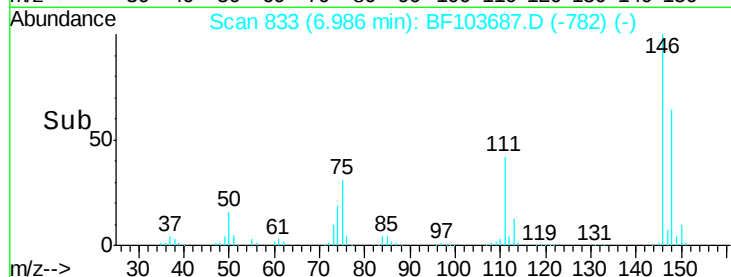
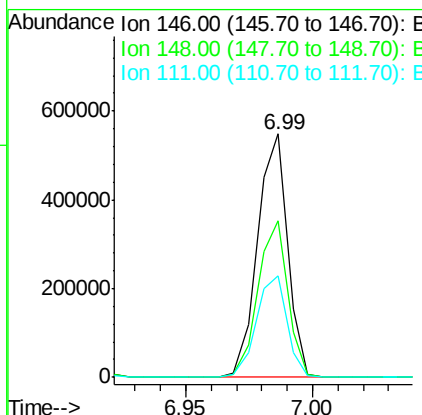
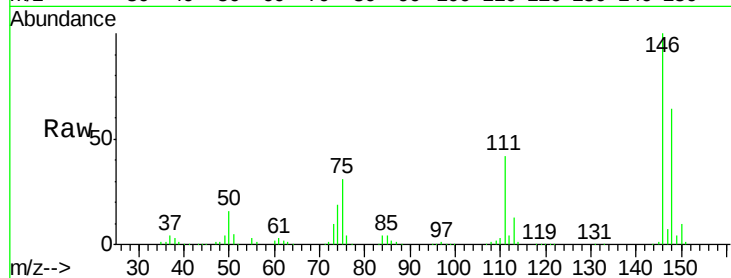




#13
 1,4-Dichlorobenzene
 Concen: 36.021 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

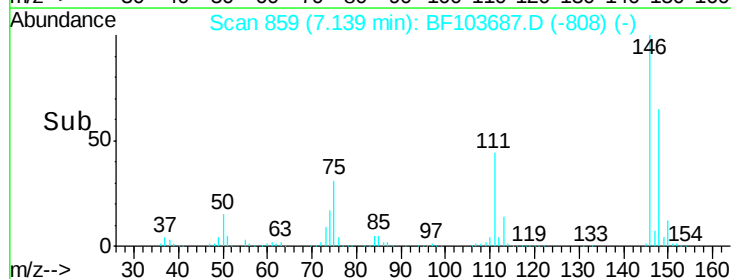
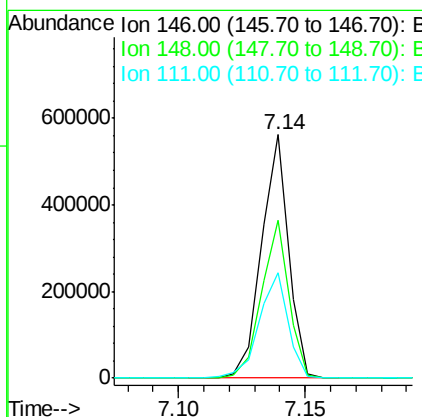
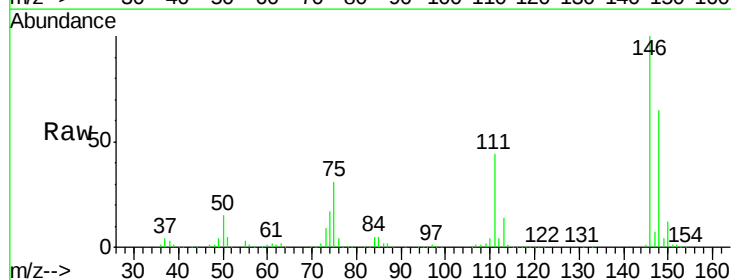
Instrument :
 BNA_F
 ClientSampleId :

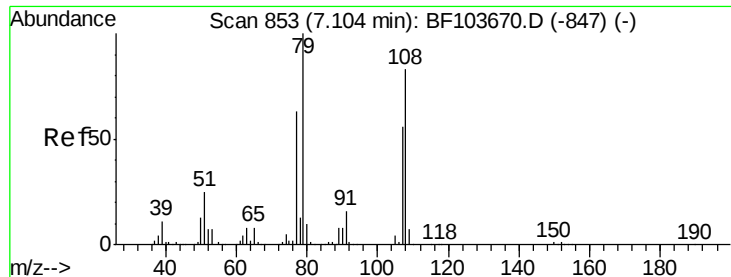
Tot Ion:146 Resp: 455050
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 41.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.882 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion:146 Resp: 420629
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 43.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.849 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

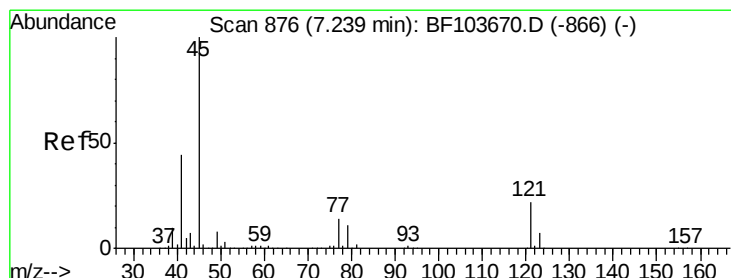
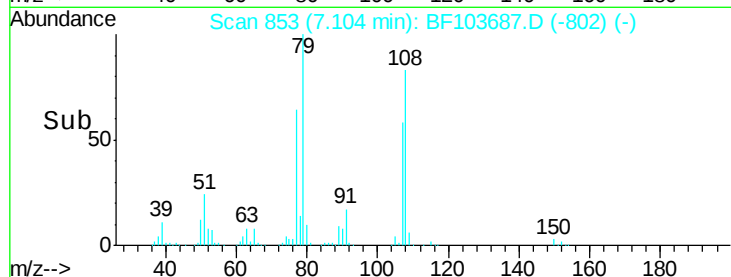
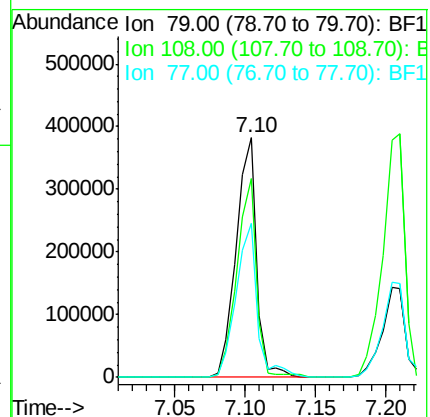
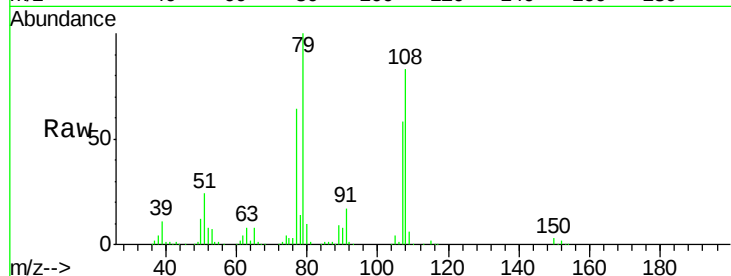
Tot Ion: 79 Resp: 388031

Ion Ratio Lower Upper

79 100

108 82.7 65.1 97.7

77 64.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.612 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

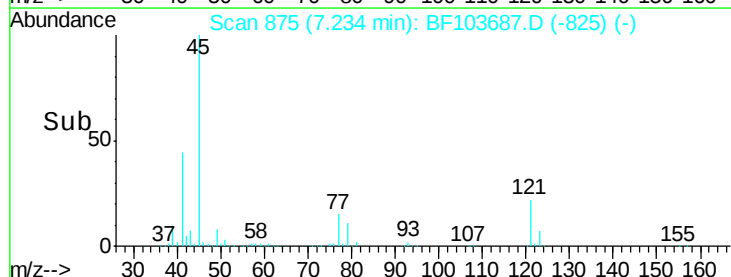
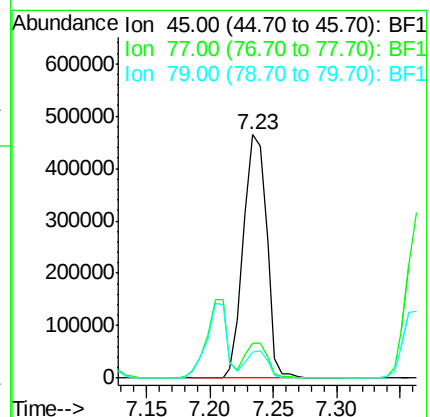
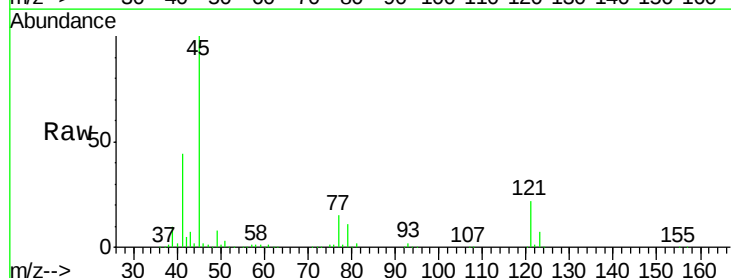
Tgt Ion: 45 Resp: 588864

Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.9

79 10.9 0.0 29.6





#17

2-Methylphenol

Concen: 37.664 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 370224

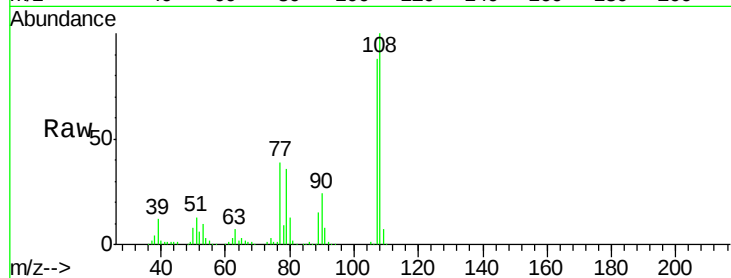
Ion Ratio Lower Upper

107 100

108 113.6 91.7 137.5

77 43.9 33.8 50.8

79 41.3 33.8 50.8

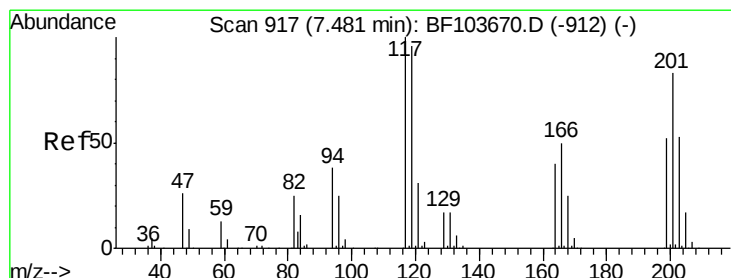
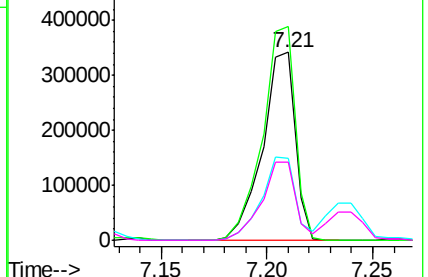
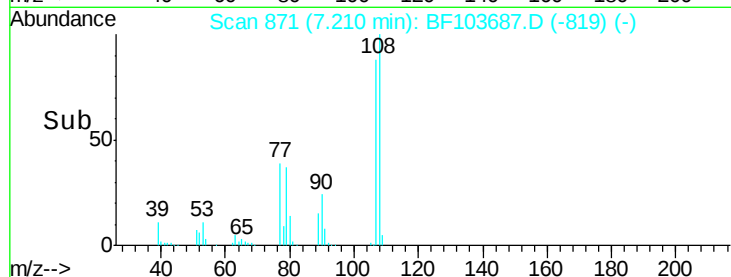


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.225 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

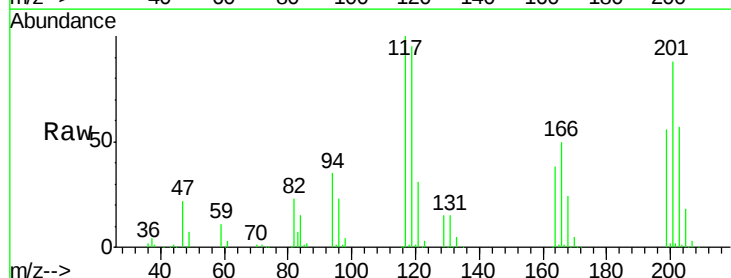
Tgt Ion:117 Resp: 169861

Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.8

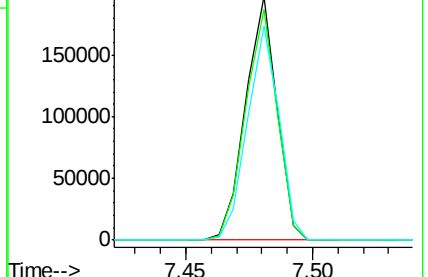
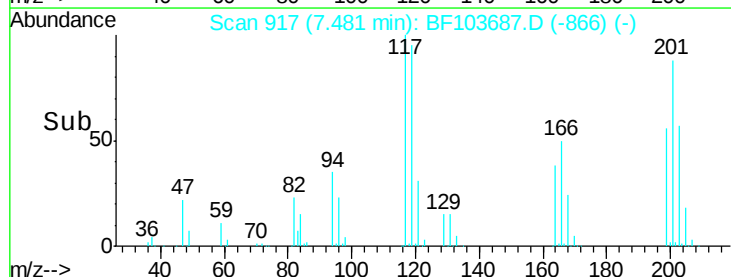
201 87.9 75.7 113.5

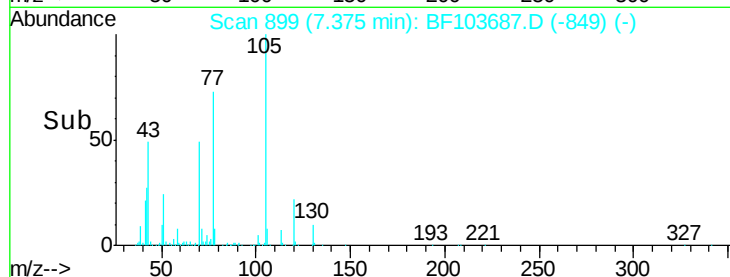
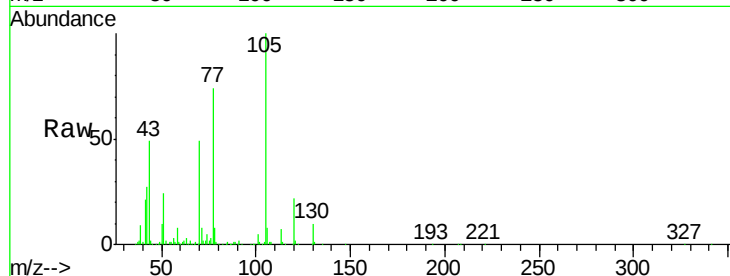
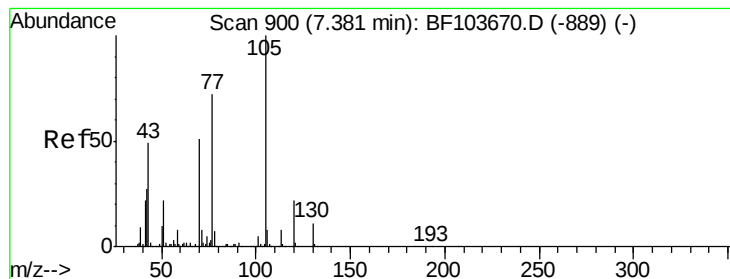


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.658 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 302848

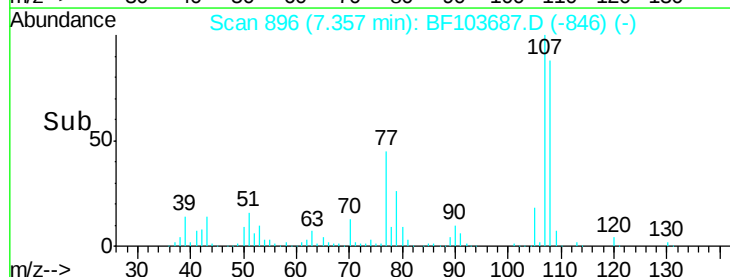
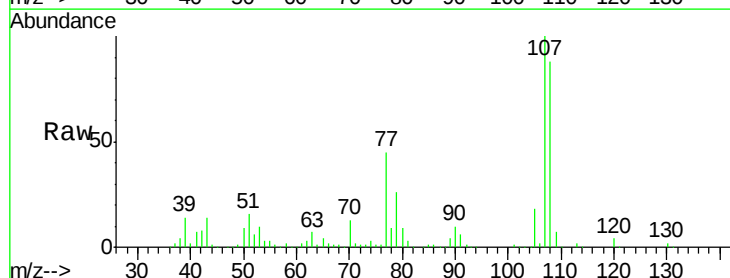
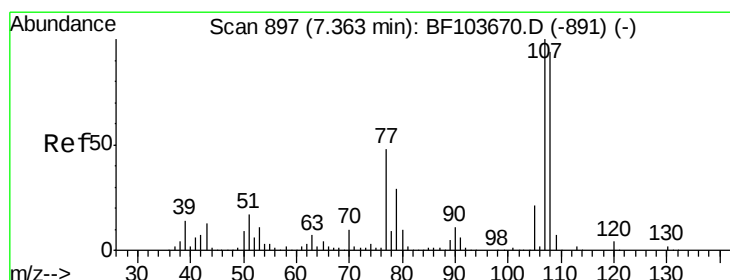
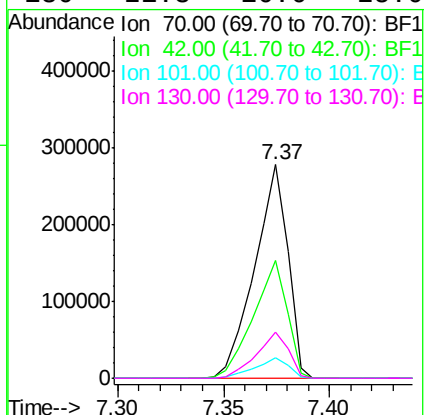
Ion Ratio Lower Upper

70 100

42 55.4 47.5 71.3

101 9.5 7.4 11.2

130 21.3 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.289 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion:107 Resp: 465161

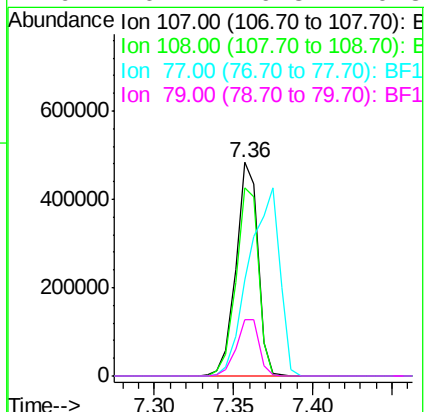
Ion Ratio Lower Upper

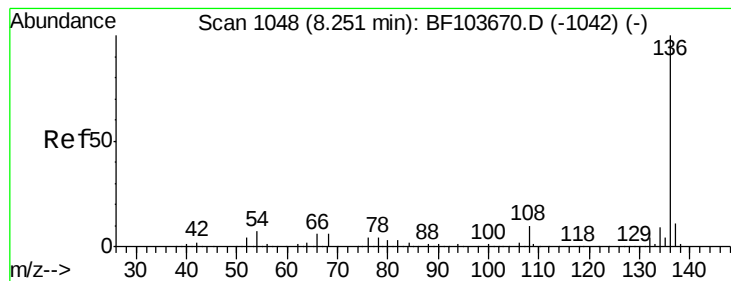
107 100

108 88.0 68.2 108.2

77 44.7 26.7 66.7

79 26.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 659103

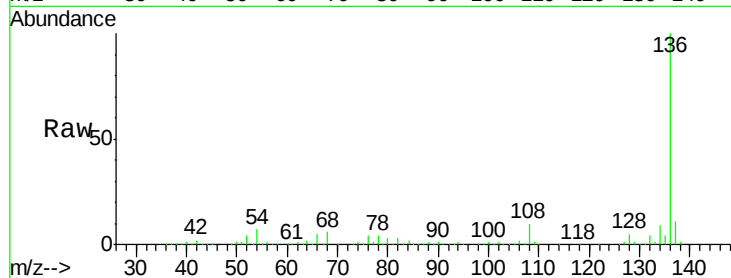
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 6.1 5.0 7.4

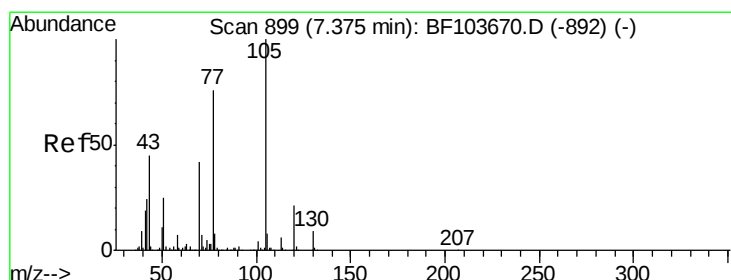
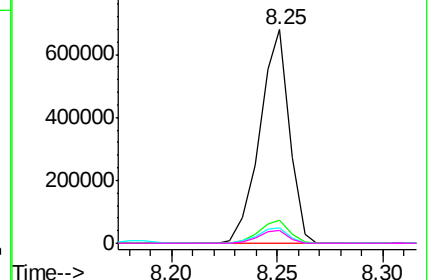
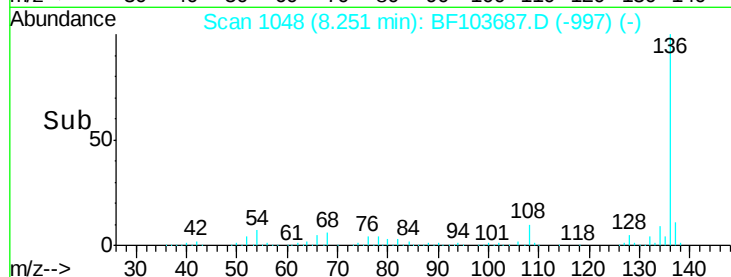


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.371 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion:105 Resp: 599158

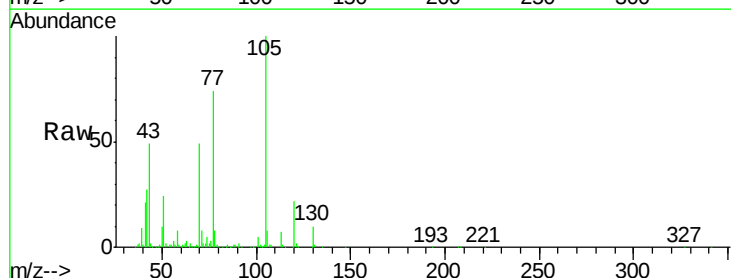
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 24.2 22.3 33.5

120 21.9 16.9 25.3

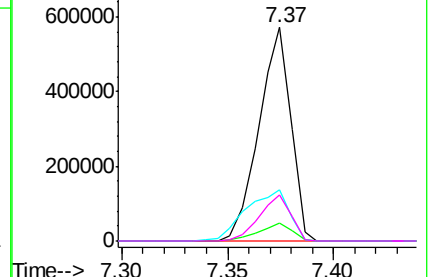
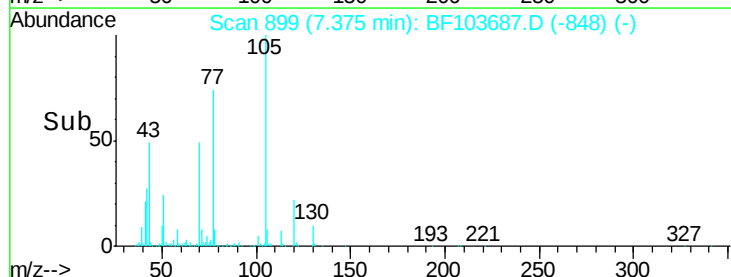


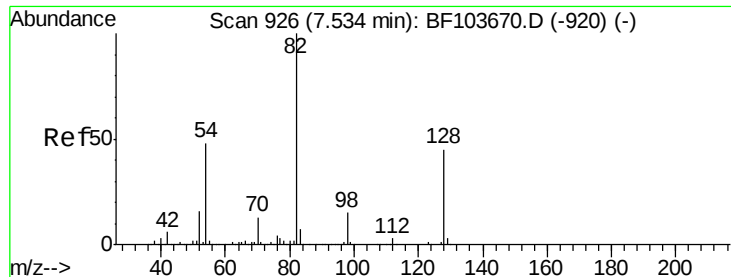
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

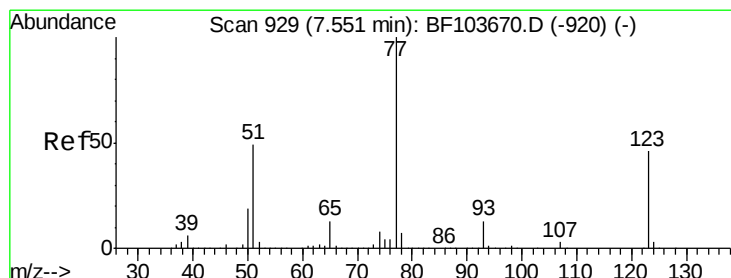
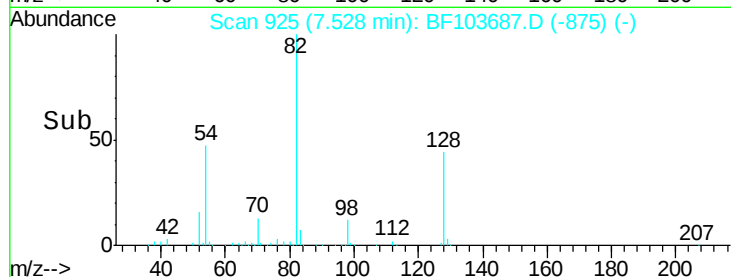
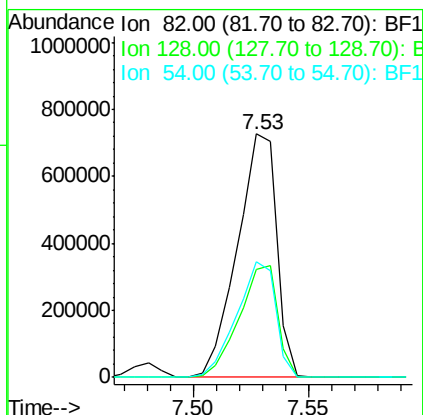
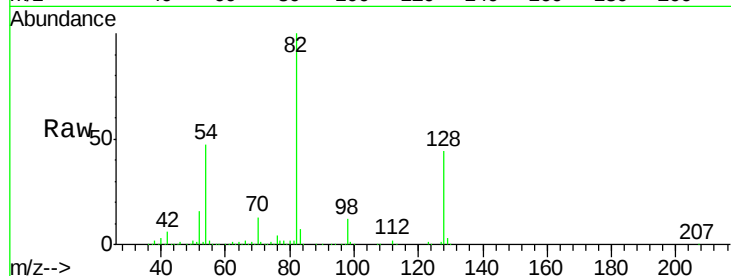




#23
 Nitrobenzene-d5
 Concen: 91.725 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

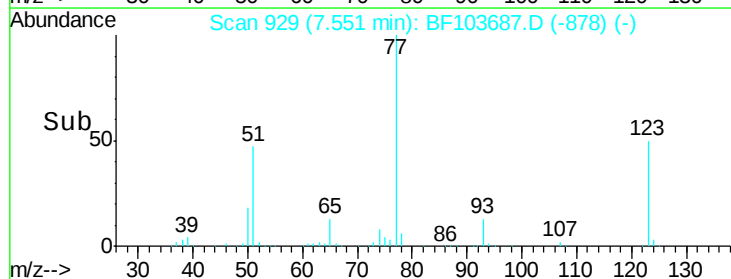
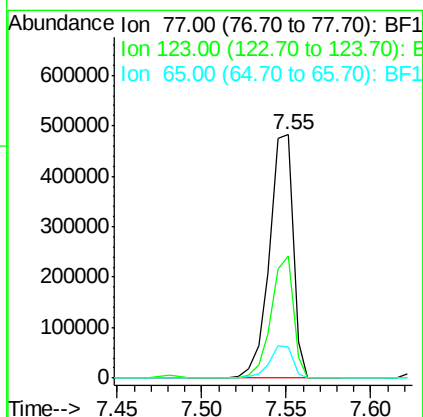
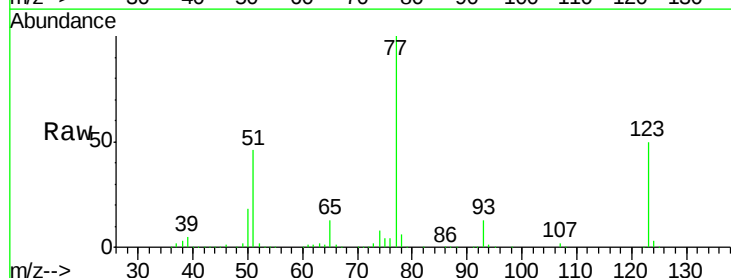
Instrument :
 BNA_F
 ClientSampleId :

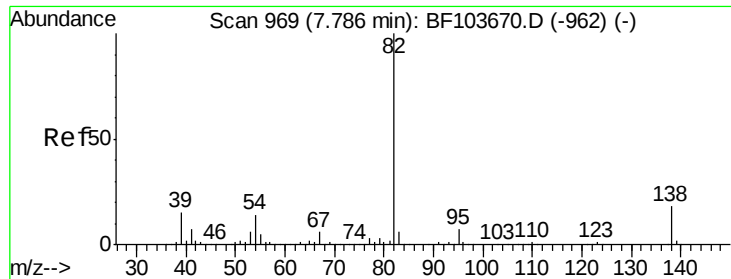
Tot Ion	82	Resp	866929
Ion Ratio	100	Lower	Upper
128	44.3	36.1	54.1
54	47.2	41.4	62.2



#24
 Nitrobenzene
 Concen: 42.135 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion	77	Resp	467532
Ion Ratio	100	Lower	Upper
123	50.2	37.9	56.9
65	12.9	11.0	16.4





#25

Isophorone

Concen: 39.559 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

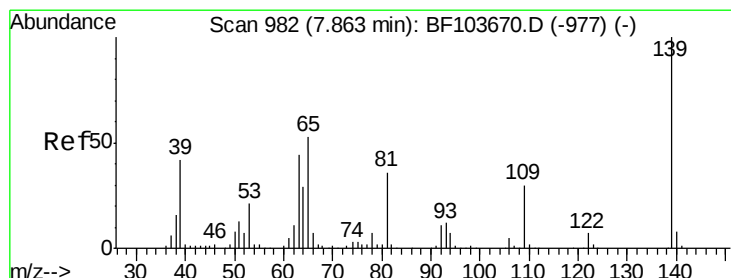
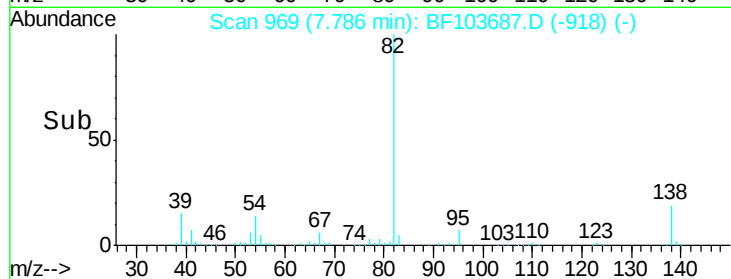
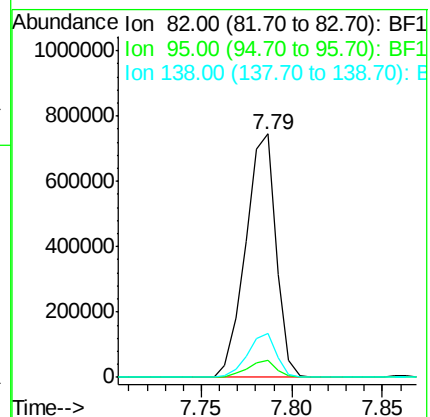
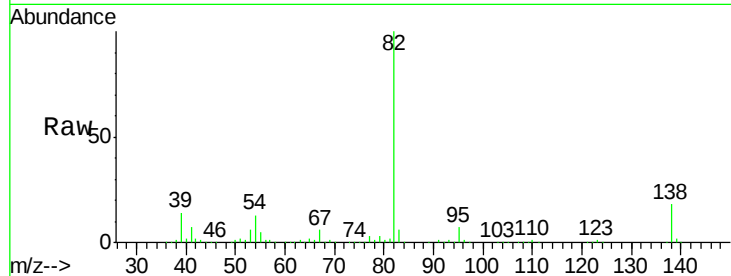
Tot Ion: 82 Resp: 865522

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 49.221 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

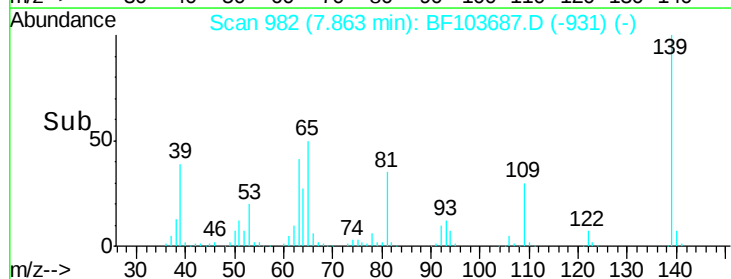
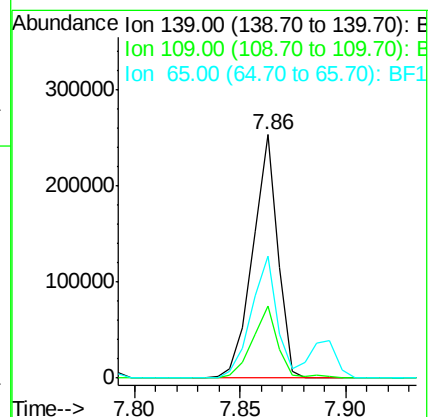
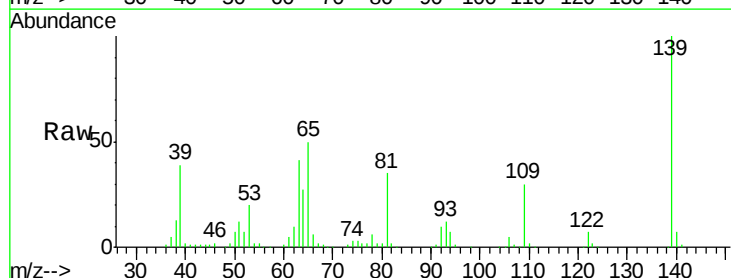
Tgt Ion: 139 Resp: 209055

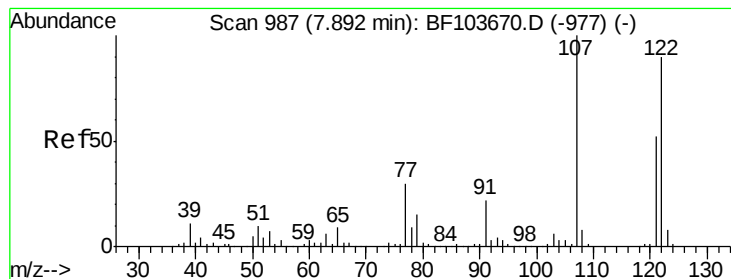
Ion Ratio Lower Upper

139 100

109 29.8 22.7 34.1

65 50.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.689 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

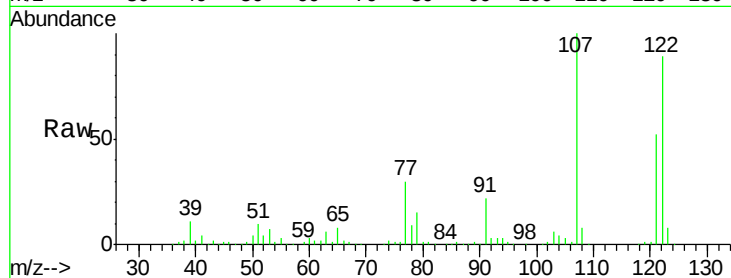
Tot Ion:122 Resp: 418877

Ion Ratio Lower Upper

122 100

107 112.3 91.2 136.8

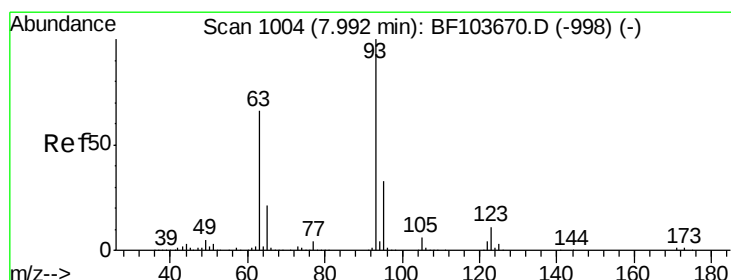
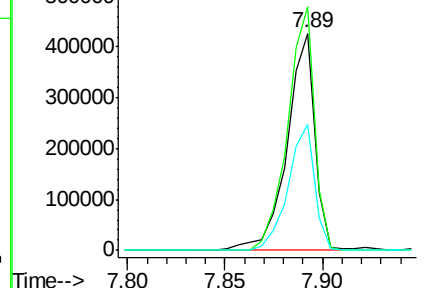
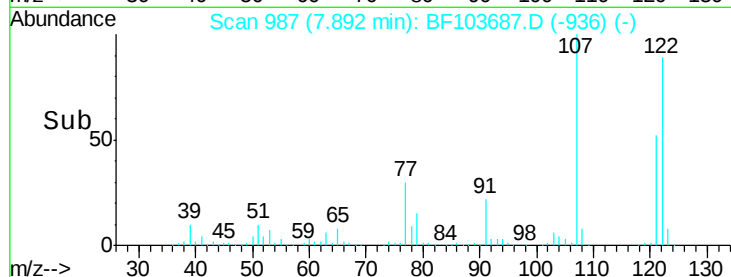
121 58.2 47.2 70.8



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: 41.246 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

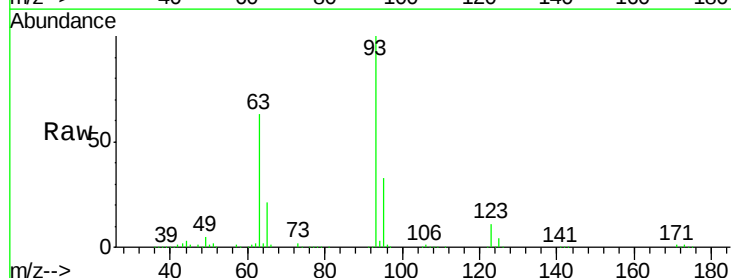
Tgt Ion: 93 Resp: 546461

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

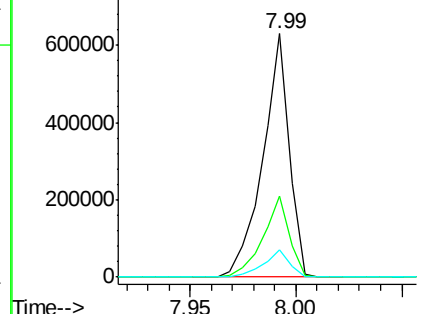
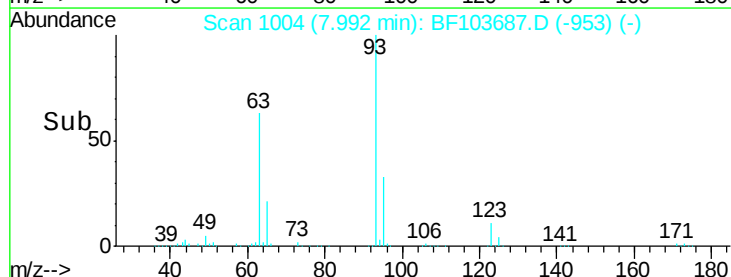
123 11.0 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.155 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

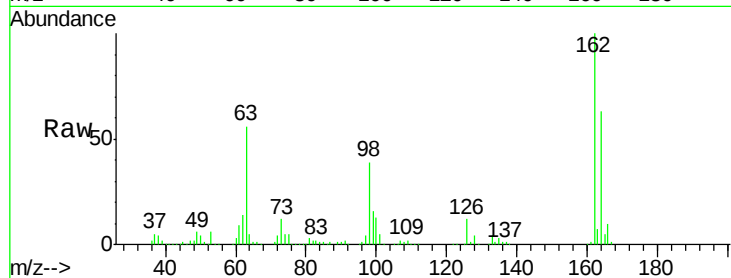
Tot Ion:162 Resp: 359479

Ion Ratio Lower Upper

162 100

164 63.4 42.7 82.7

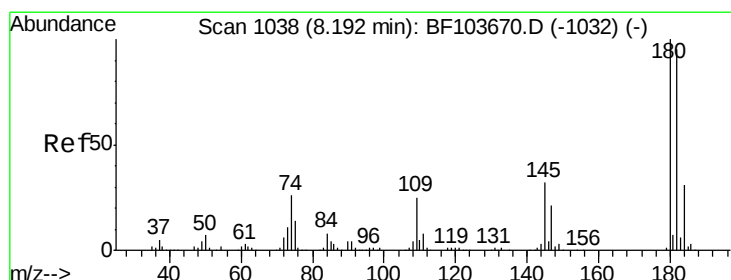
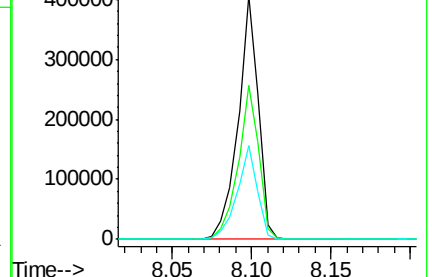
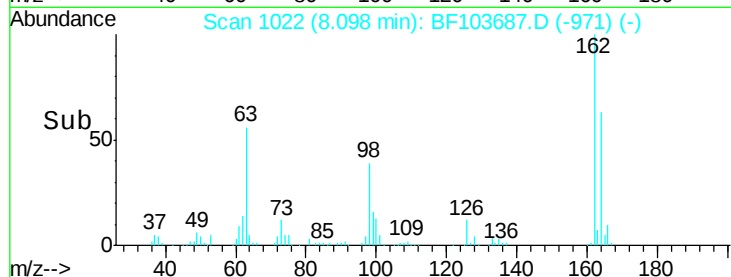
98 38.6 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.324 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

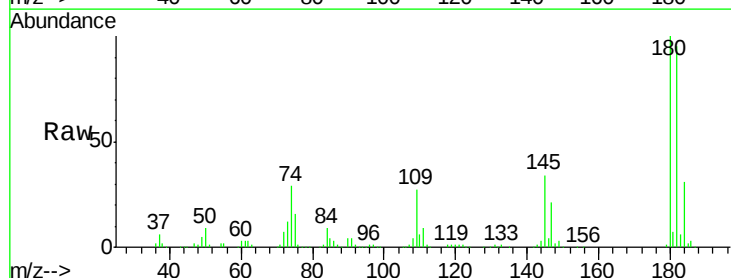
Tgt Ion:180 Resp: 359264

Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

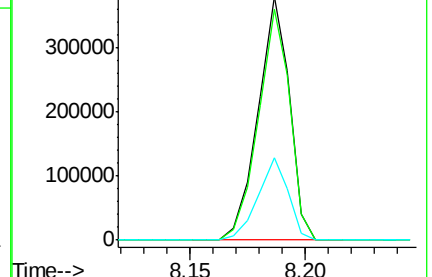
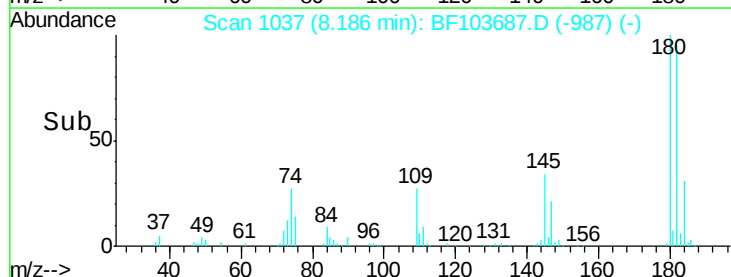
145 33.7 26.5 39.7

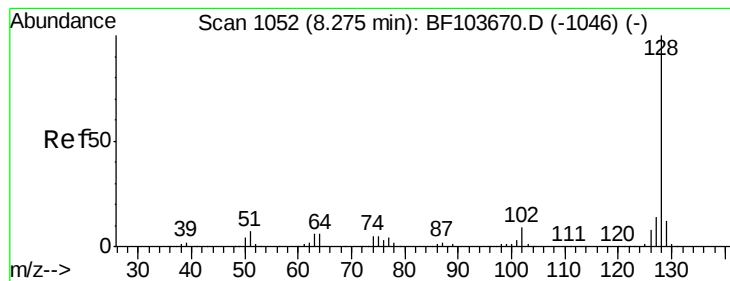


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.010 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

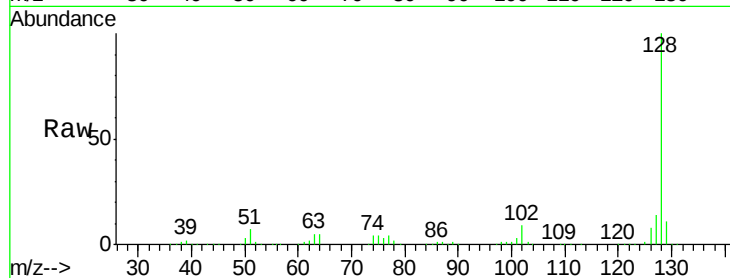
Tot Ion:128 Resp: 1232217

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

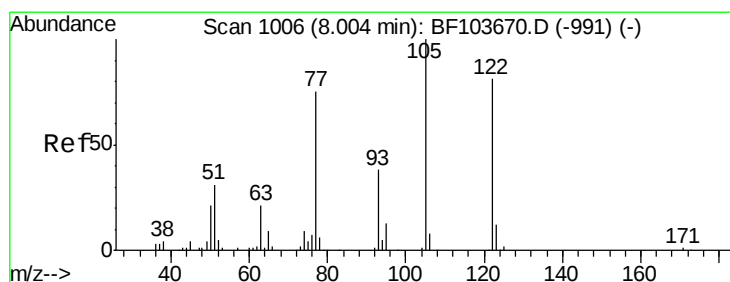
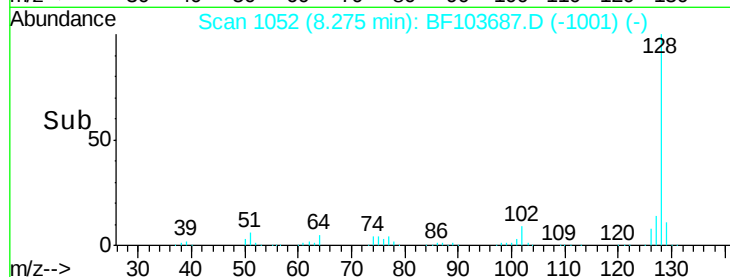
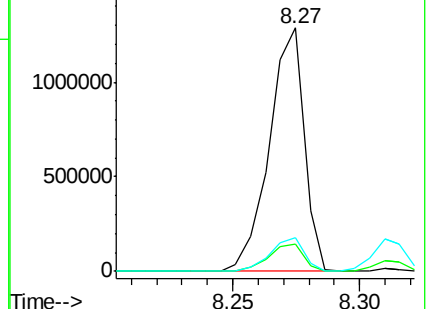
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 60.171 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.11 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

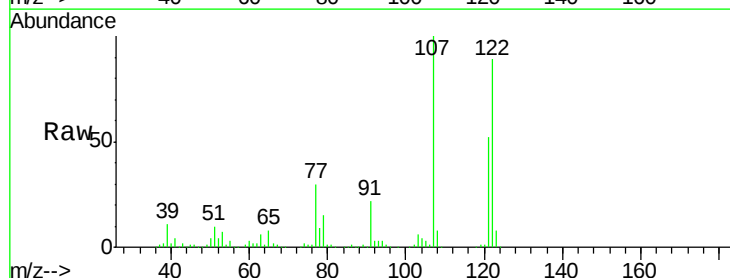
Tgt Ion:122 Resp: 418877

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

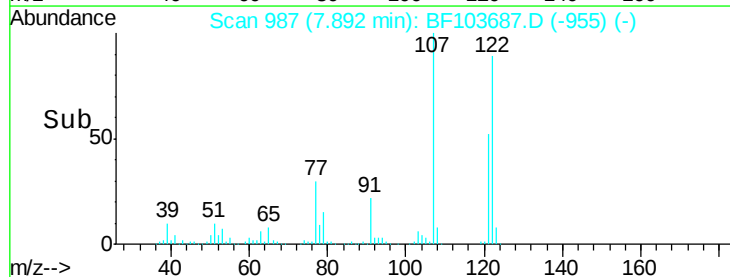
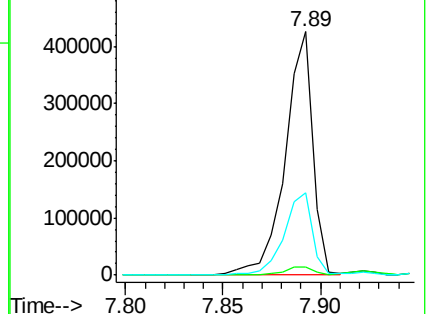
77 33.6 70.7 110.7#

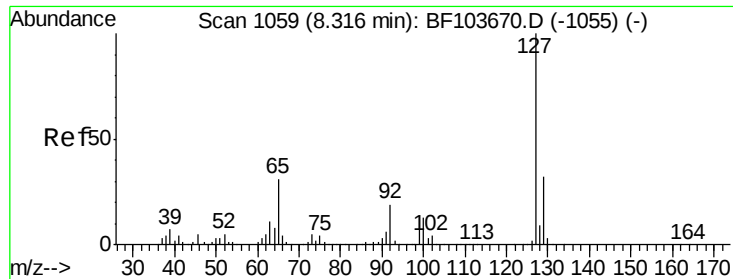


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

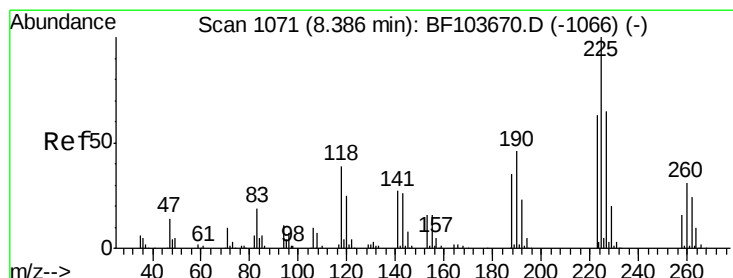
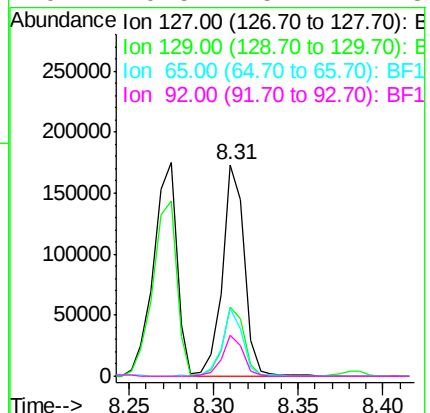
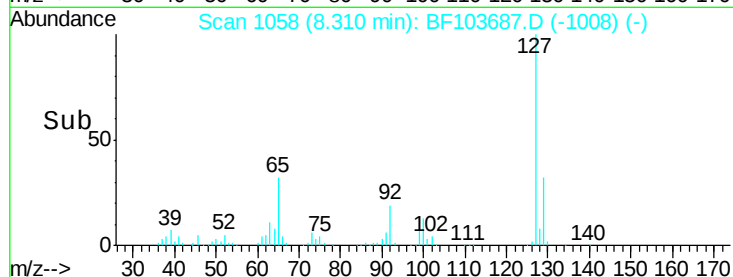
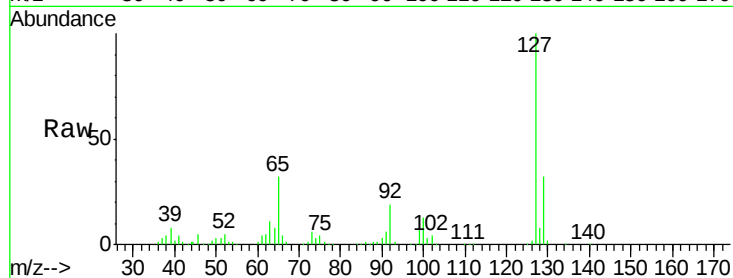




#33
4-Chloroaniline
Concen: 11.298 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

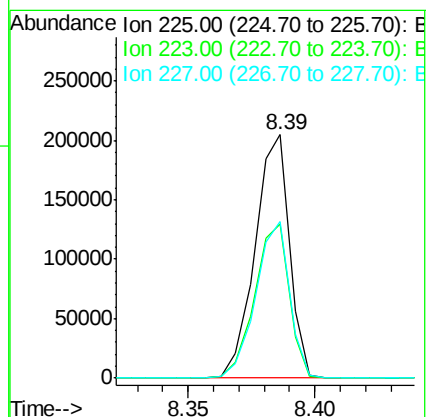
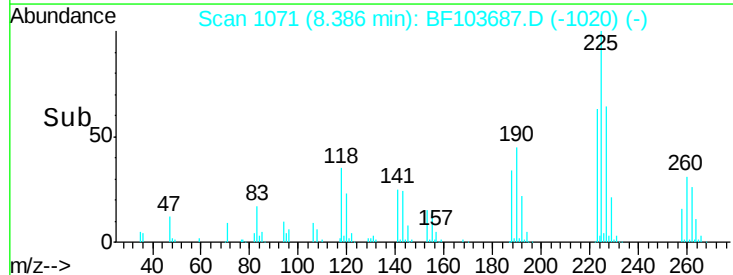
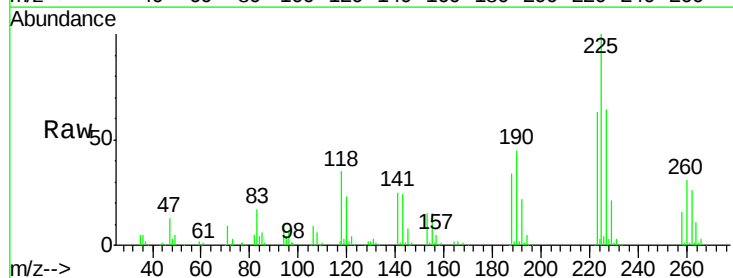
Instrument :
BNA_F
ClientSampled :

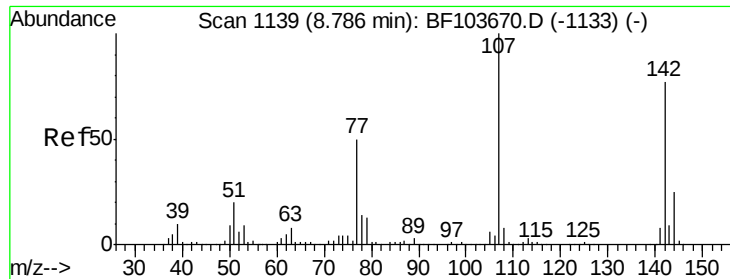
Tot Ion:127 Resp: 157816
Ion Ratio Lower Upper
127 100
129 32.5 25.9 38.9
65 31.8 25.0 37.4
92 19.5 15.2 22.8



#34
Hexachlorobutadiene
Concen: 35.788 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion:225 Resp: 194072
Ion Ratio Lower Upper
225 100
223 63.2 50.6 76.0
227 64.1 51.9 77.9

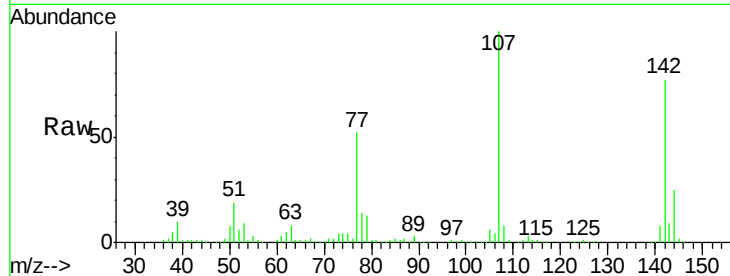




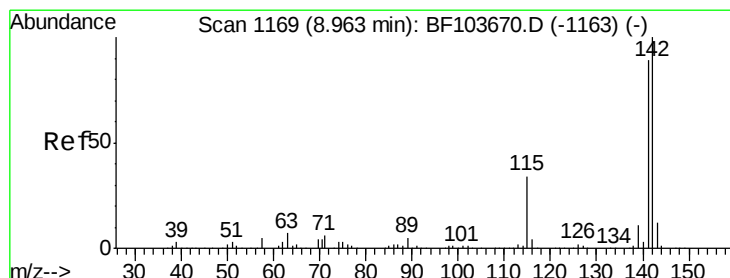
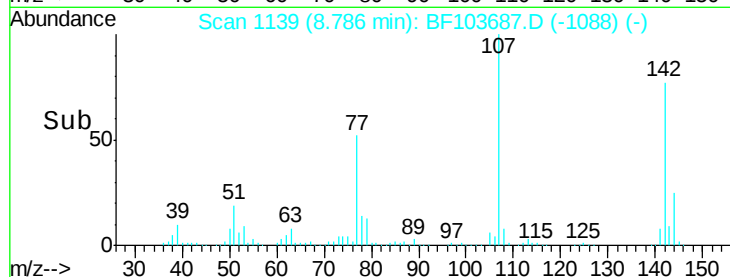
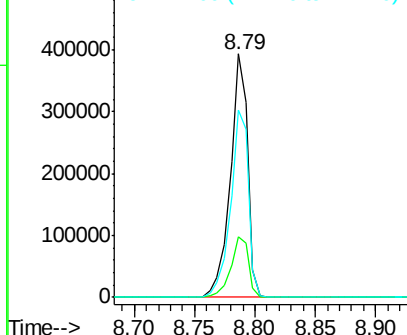
#36
 4-Chloro-3-methylphenol
 Concen: 41.736 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:107 Resp: 392355
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 76.8 62.0 93.0

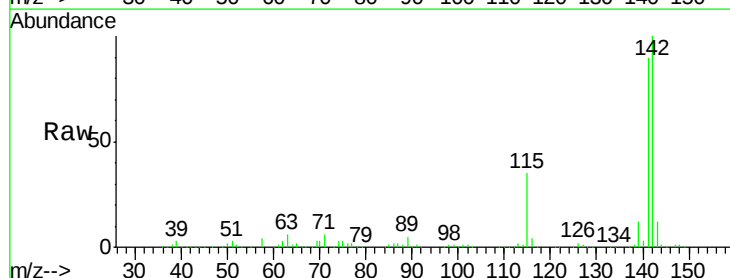


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

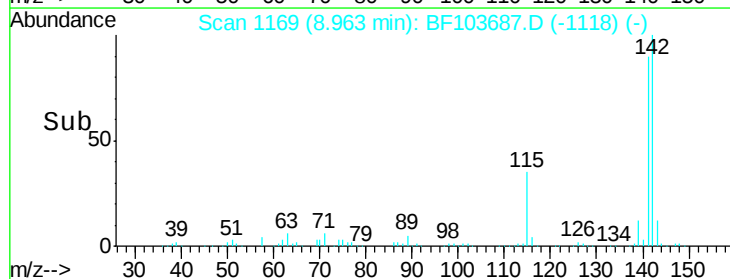
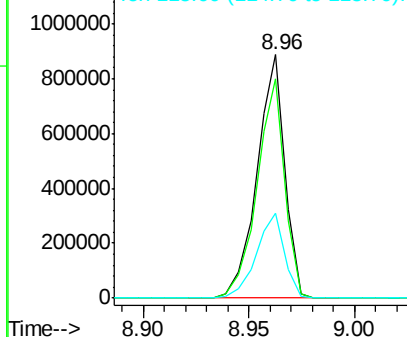


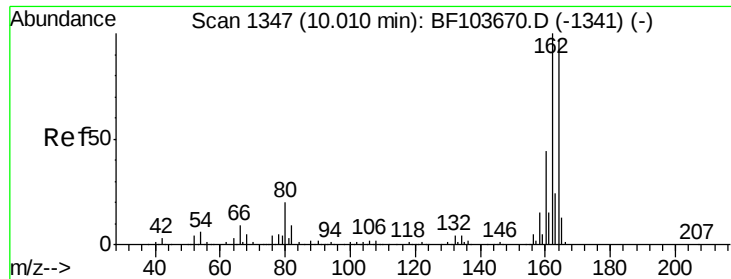
#37
 2-Methylnaphthalene
 Concen: 38.441 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion:142 Resp: 811639
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.8 106.2
 115 34.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

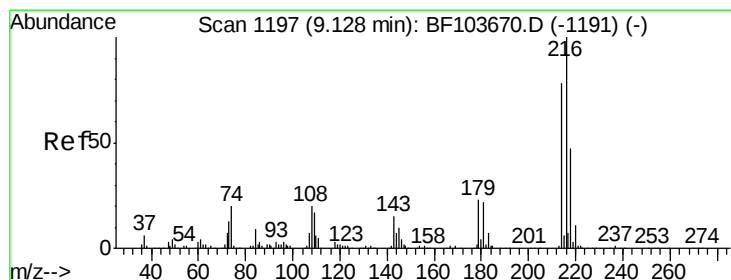
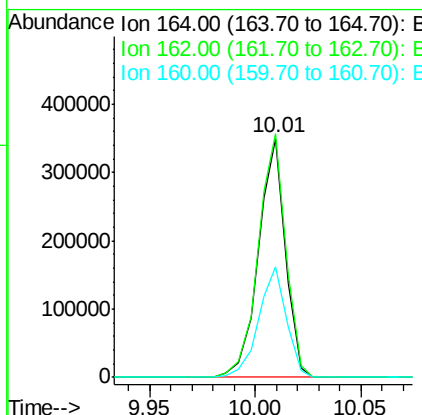
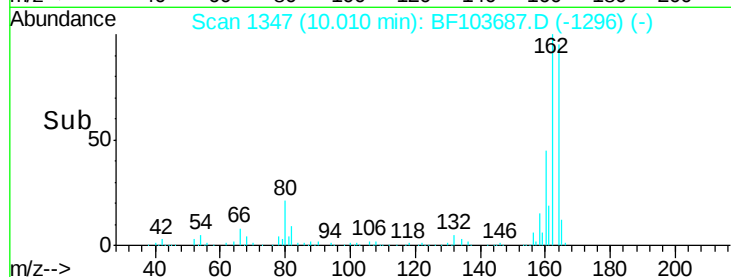
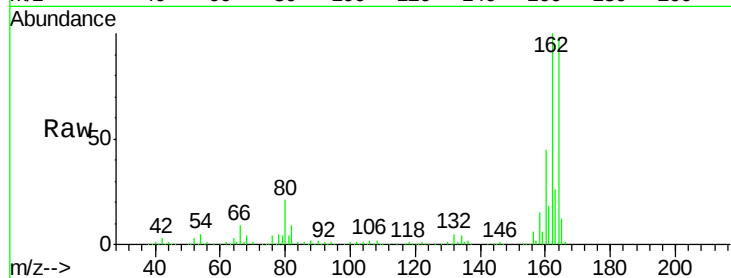




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

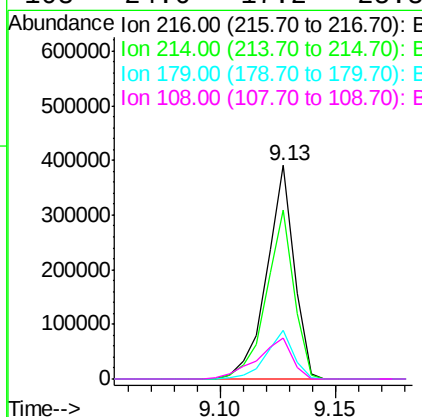
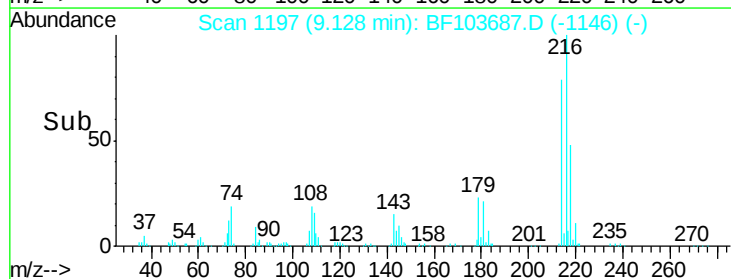
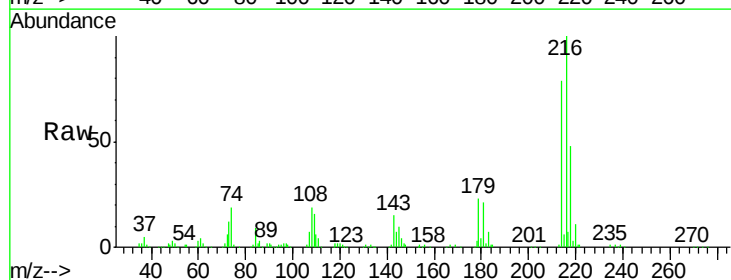
Instrument :
BNA_F
ClientSampleId :

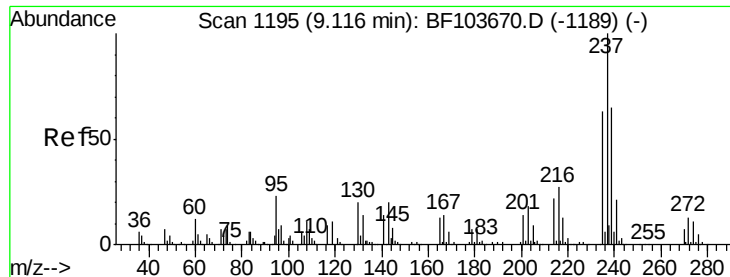
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.0	38.3	57.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.426 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	22.3	18.1	27.1
108	24.6	17.2	25.8

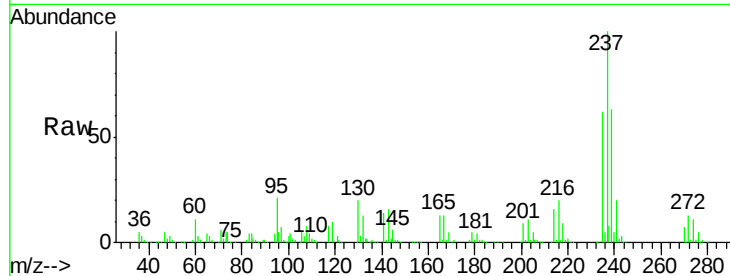




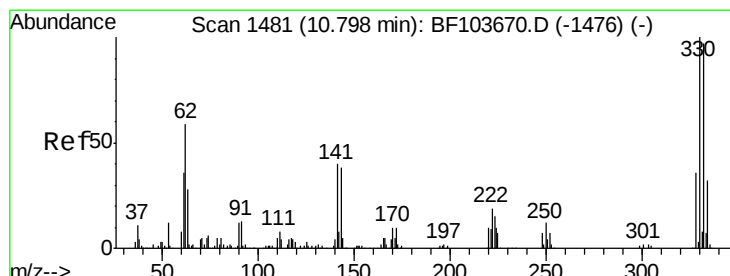
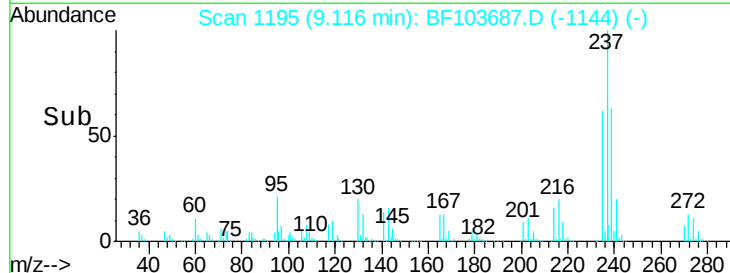
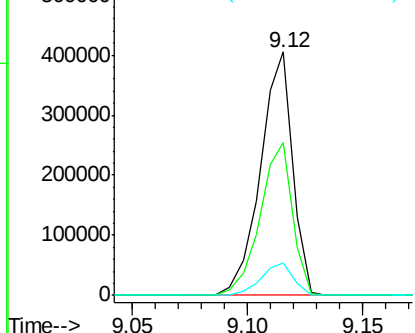
#40
Hexachlorocyclopentadiene
Concen: 85.678 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	44.8	84.8
272	13.5	0.0	33.3

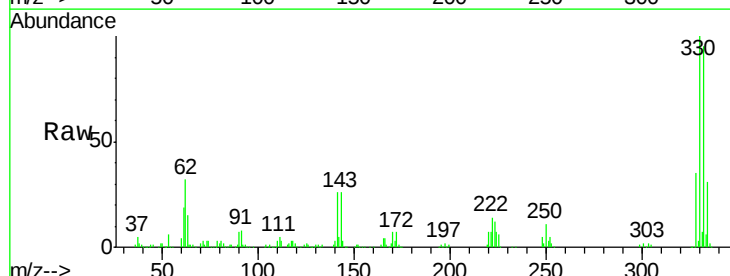


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

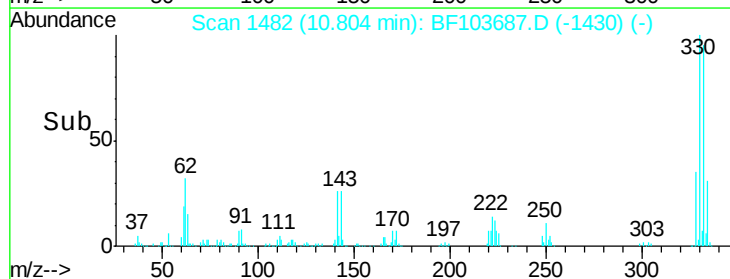
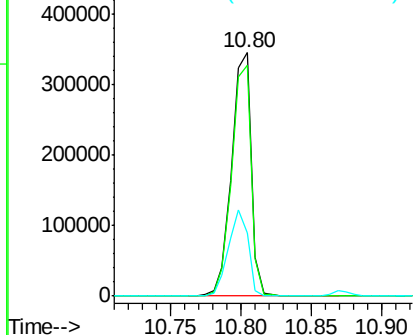


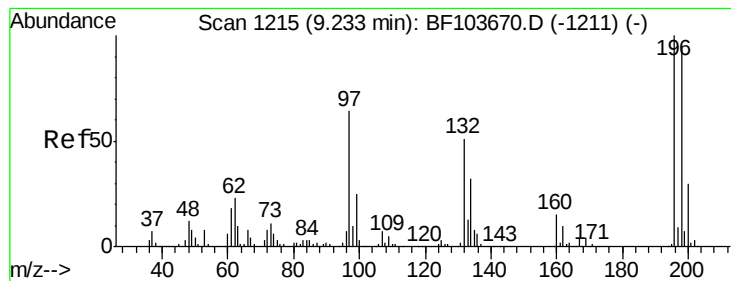
#41
2,4,6-Tribromophenol
Concen: 124.978 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	35.8	29.9	44.9



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





#42

2,4,6-Trichlorophenol

Concen: 43.798 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampled :

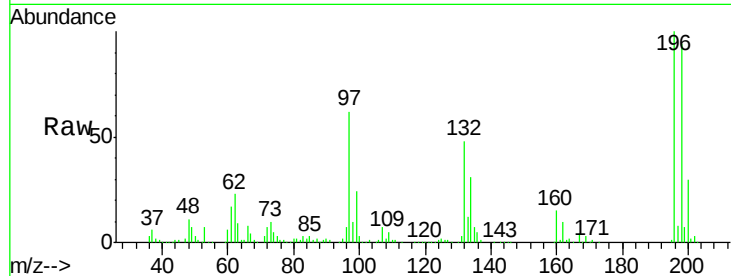
Tot Ion:196 Resp: 248651

Ion Ratio Lower Upper

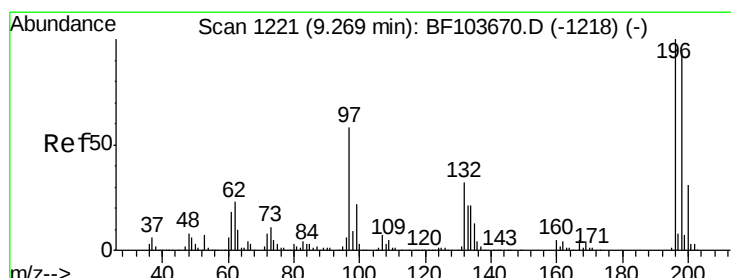
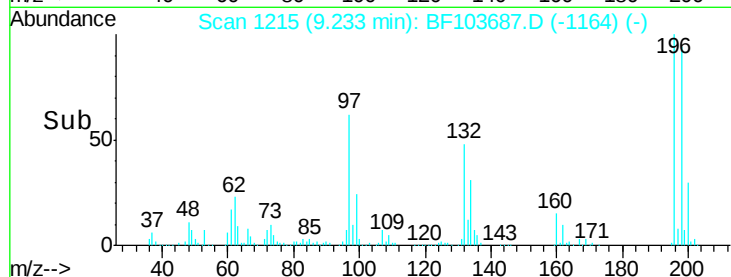
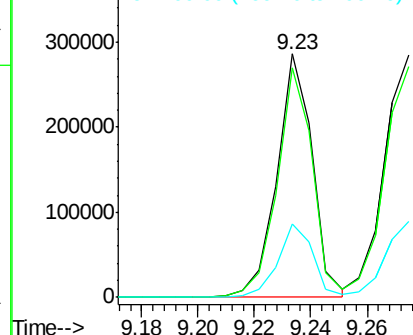
196 100

198 94.2 75.7 113.5

200 30.1 24.5 36.7



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



#43

2,4,5-Trichlorophenol

Concen: 40.495 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion:196 Resp: 259485

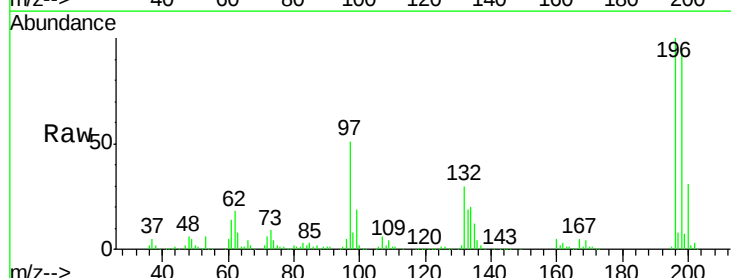
Ion Ratio Lower Upper

196 100

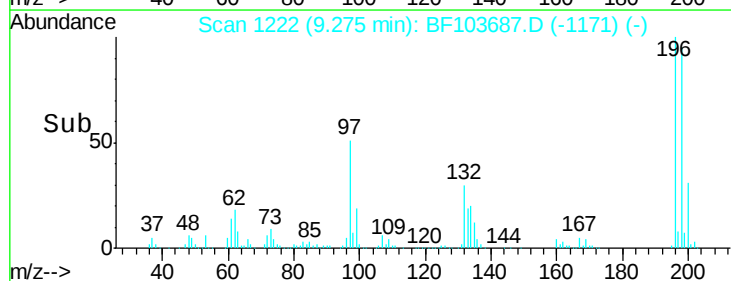
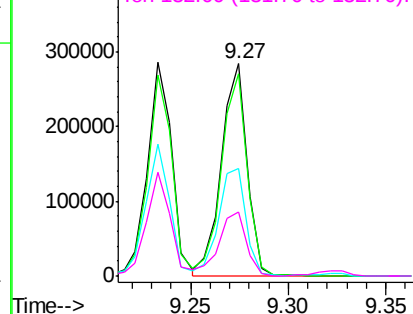
198 95.5 74.6 112.0

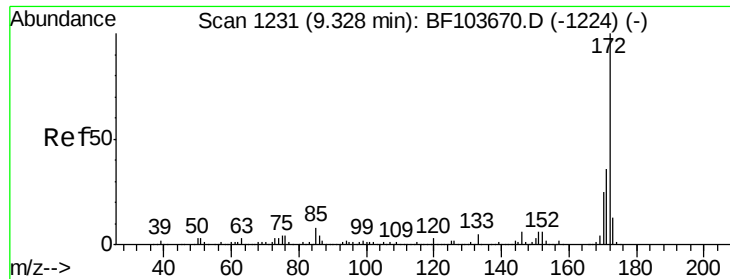
97 50.6 42.9 64.3

132 30.1 26.3 39.5



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

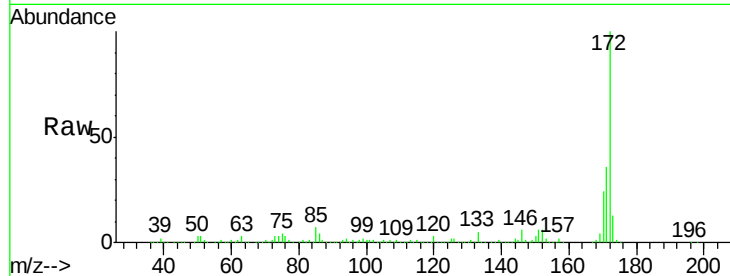




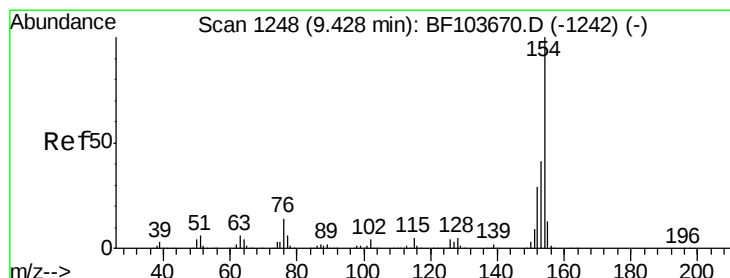
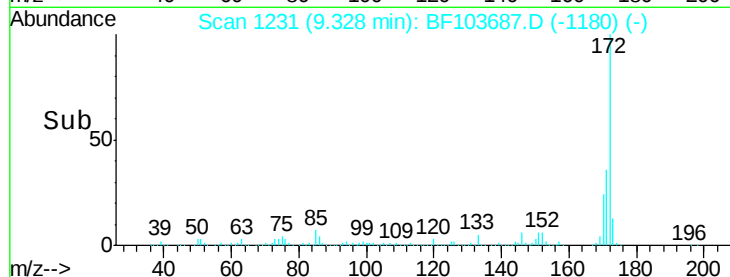
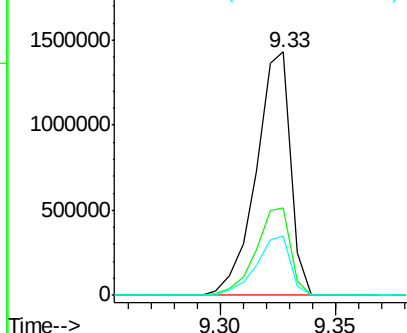
#44
2-Fluorobiphenyl
Concen: 76.308 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1488321
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.4 19.6 29.4

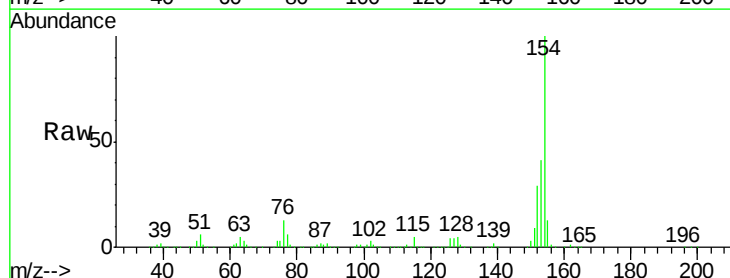


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

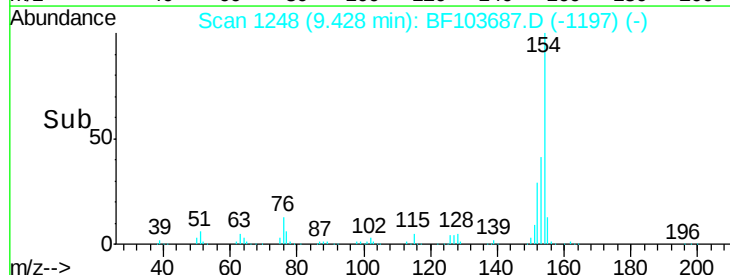
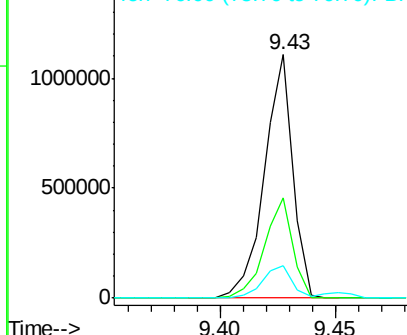


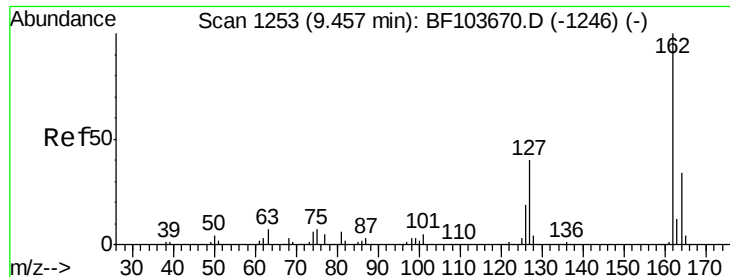
#45
1,1'-Biphenyl
Concen: 36.419 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion:154 Resp: 944819
Ion Ratio Lower Upper
154 100
153 41.2 21.3 61.3
76 13.4 0.0 34.0



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

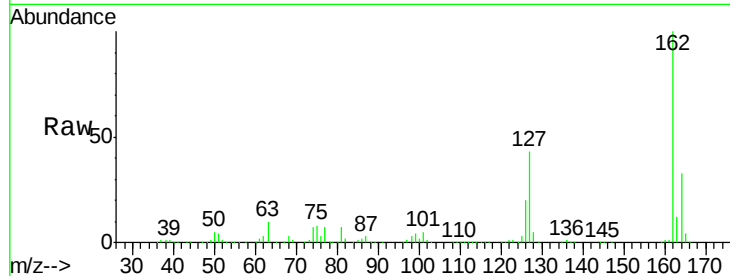




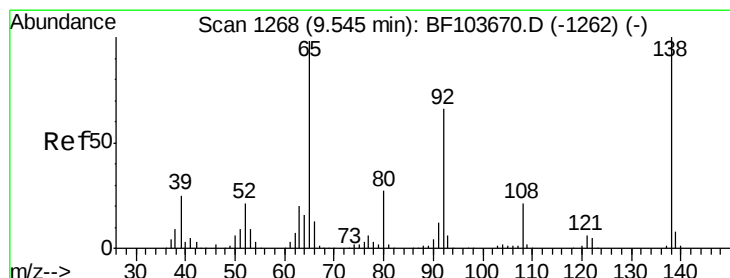
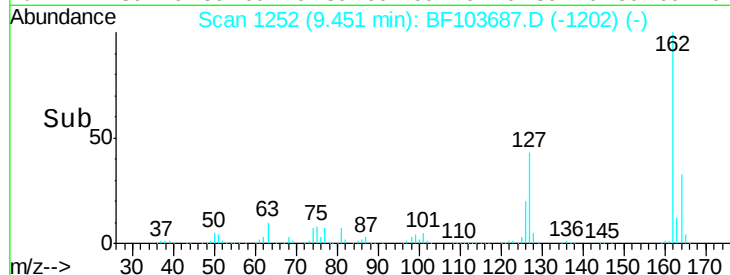
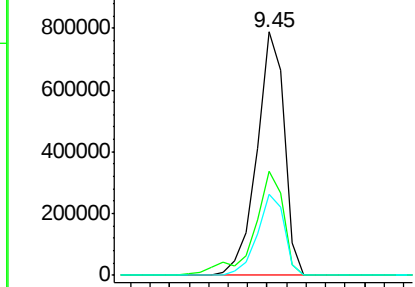
#46
 2-Chloronaphthalene
 Concen: 37.176 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 766029
 Ion Ratio Lower Upper
 162 100
 127 42.8 33.9 50.9
 164 33.1 26.5 39.7

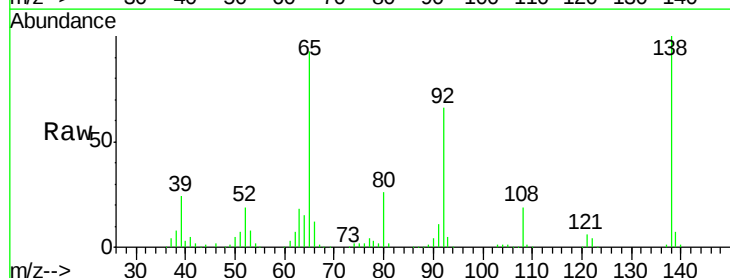


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

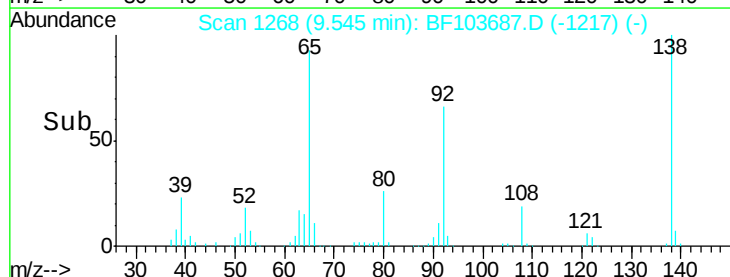
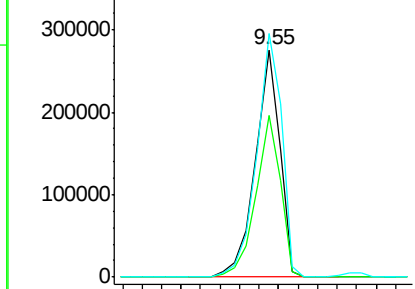


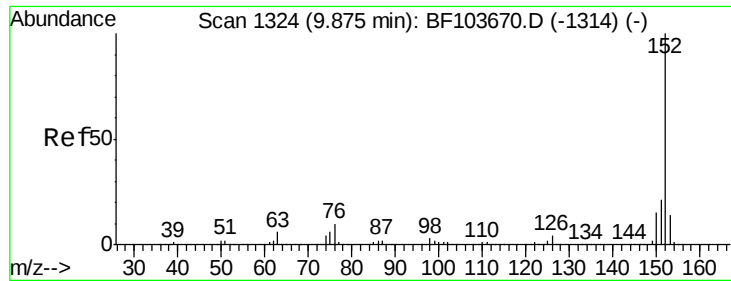
#47
 2-Nitroaniline
 Concen: 45.224 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion: 65 Resp: 241297
 Ion Ratio Lower Upper
 65 100
 92 71.2 55.8 83.6
 138 107.1 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 36.742 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

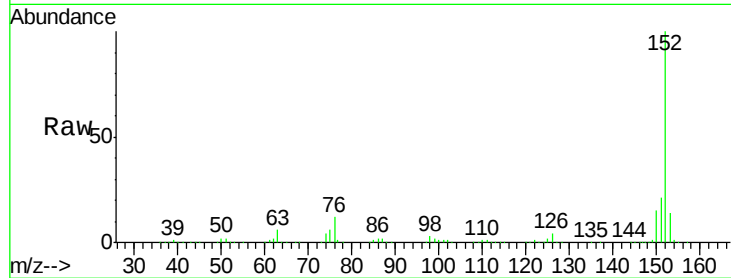
Tot Ion:152 Resp: 1173988

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

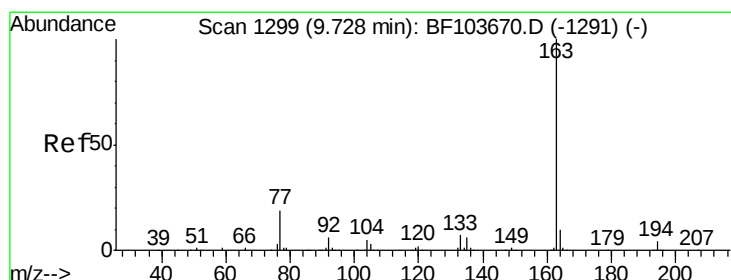
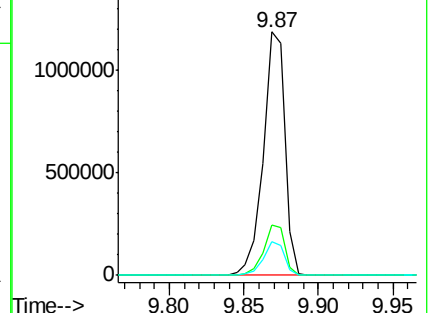
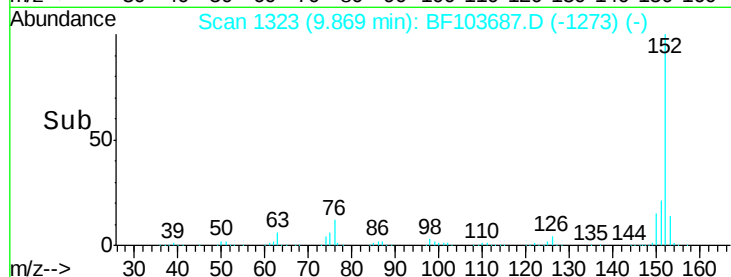
153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.195 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

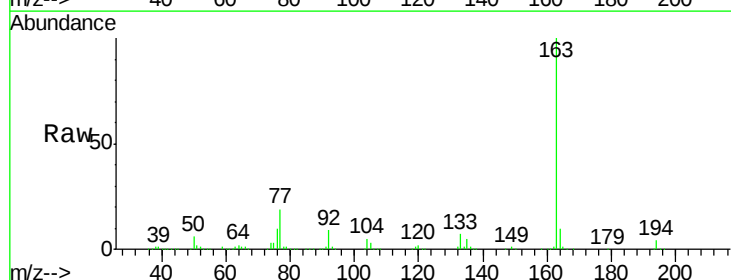
Tgt Ion:163 Resp: 906638

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

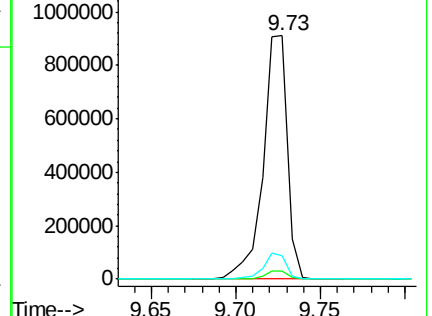
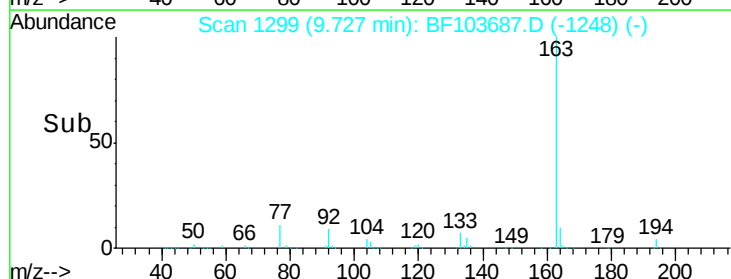
164 9.8 8.2 12.2

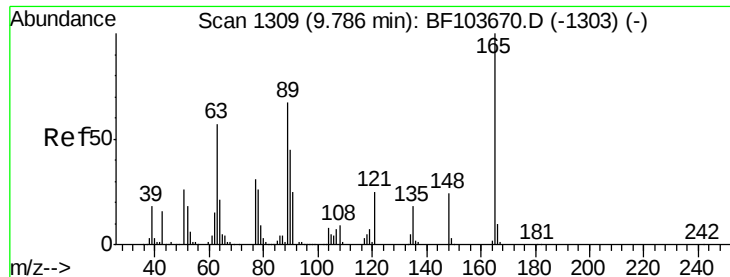


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

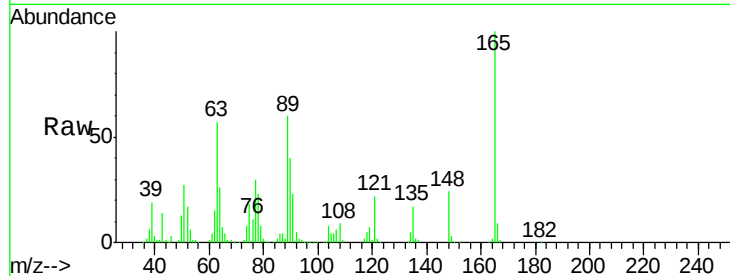




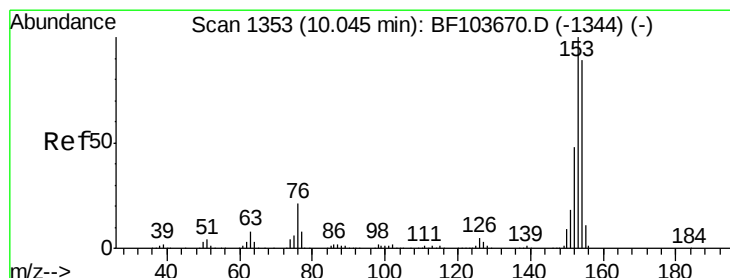
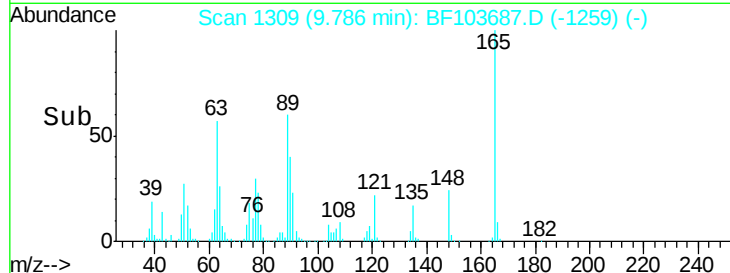
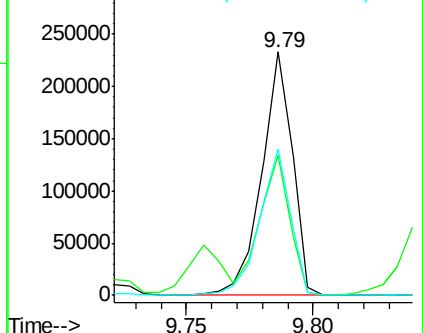
#50
2,6-Dinitrotoluene
Concen: 43.512 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 197935
Ion Ratio Lower Upper
165 100
63 57.5 44.7 67.1
89 60.0 44.0 66.0

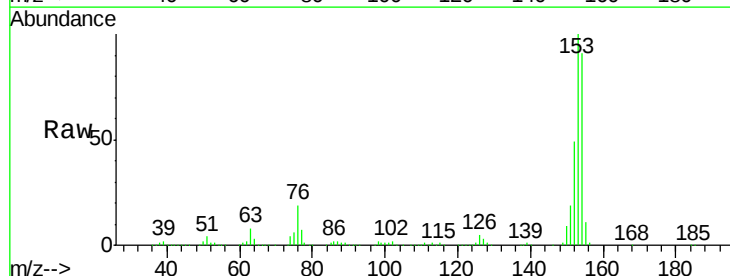


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

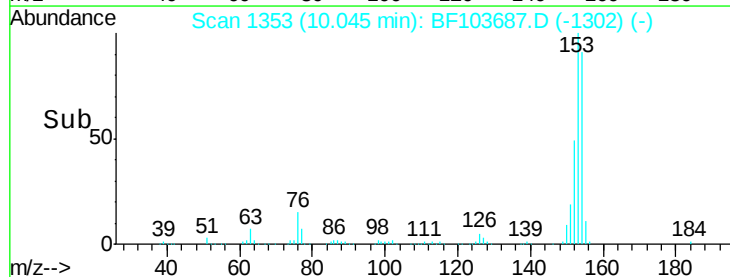
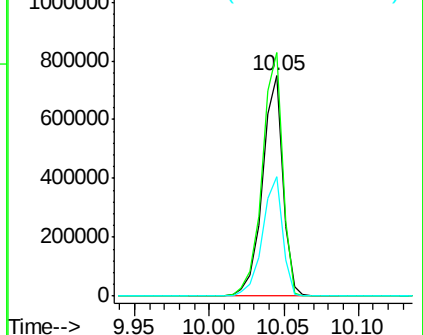


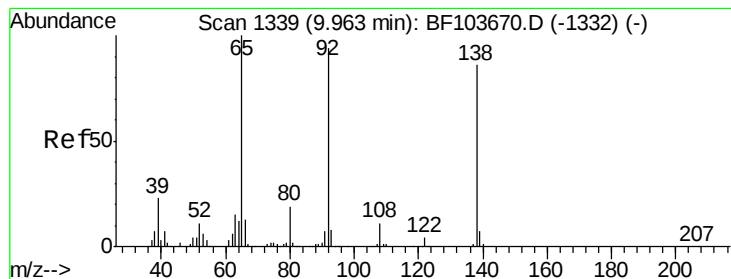
#51
Acenaphthene
Concen: 37.021 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion:154 Resp: 702373
Ion Ratio Lower Upper
154 100
153 110.4 91.2 136.8
152 54.4 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: 23.849 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

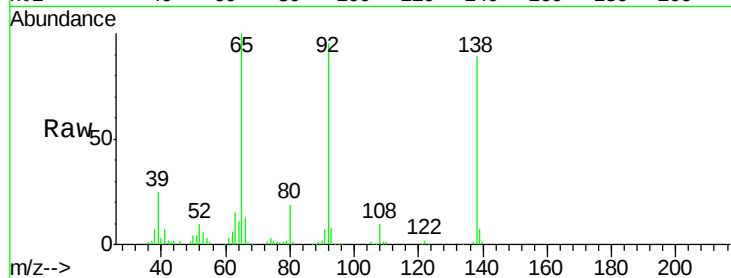
Tot Ion:138 Resp: 119771

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

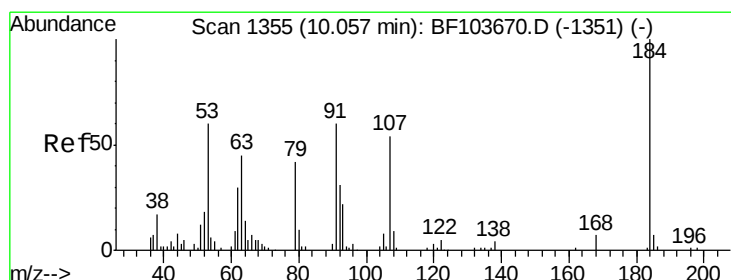
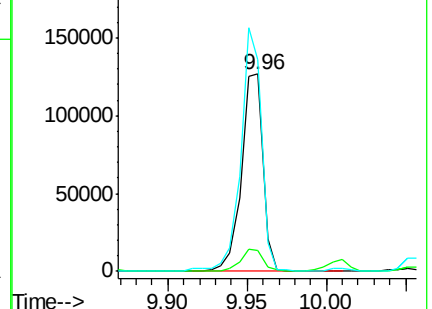
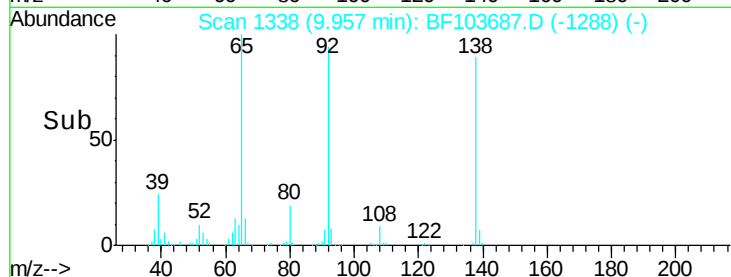
92 107.5 89.4 134.2



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: 33.986 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

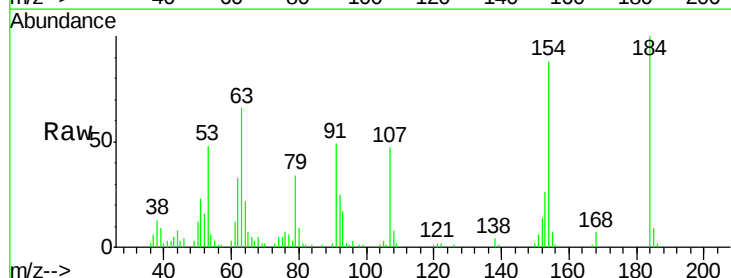
Tgt Ion:184 Resp: 25802

Ion Ratio Lower Upper

184 100

63 66.2 54.2 81.2

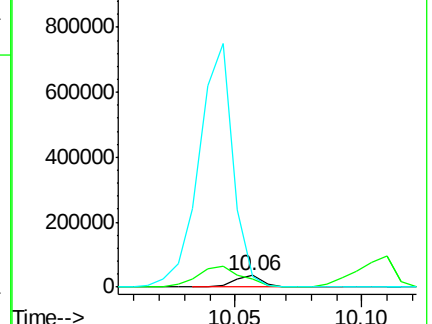
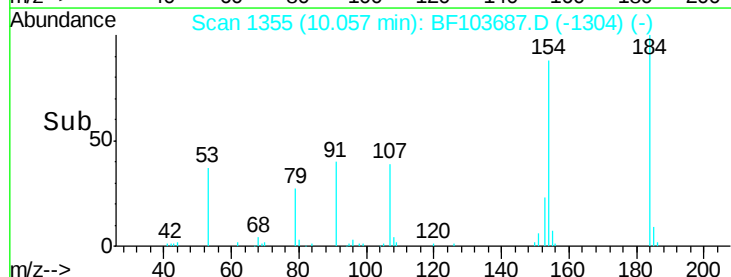
154 88.0 184.0 276.0#

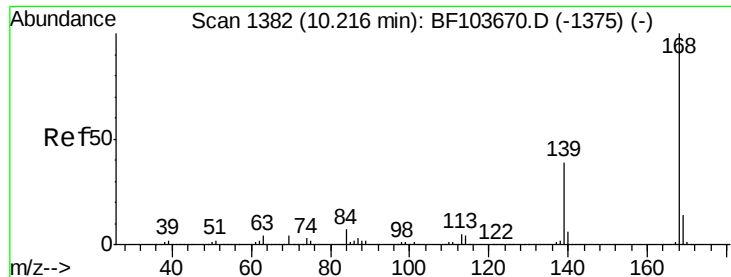


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

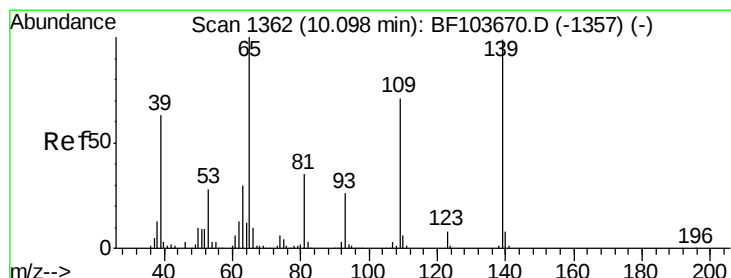
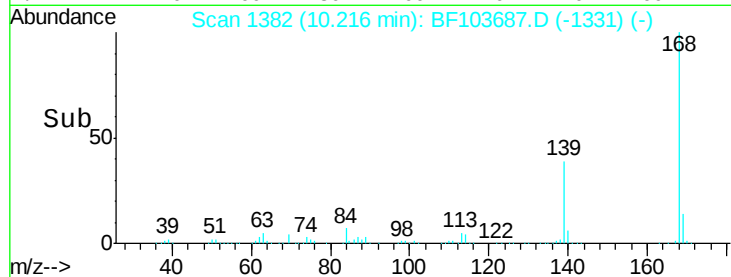
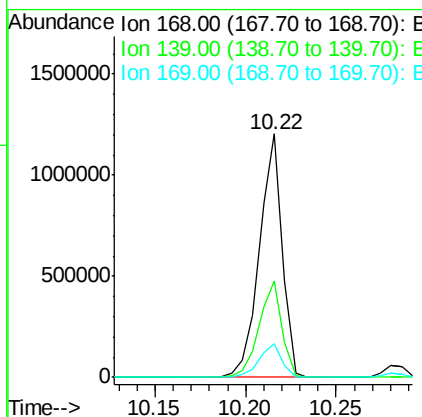
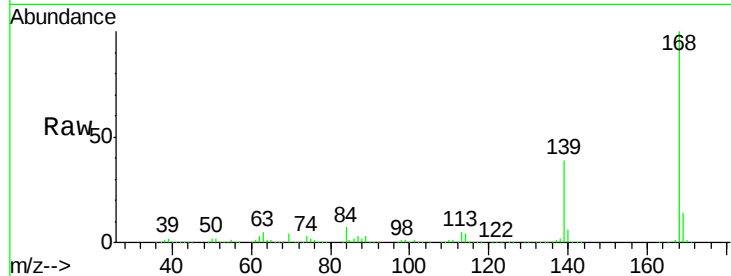




#54
Dibenzenofuran
Concen: 38.885 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

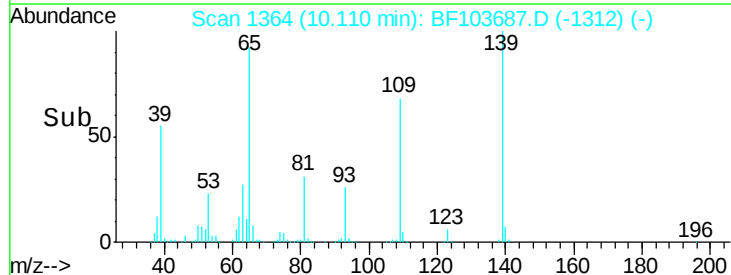
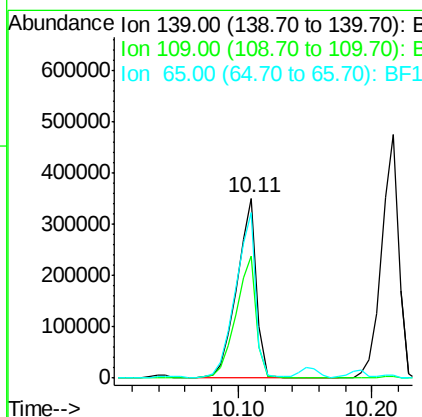
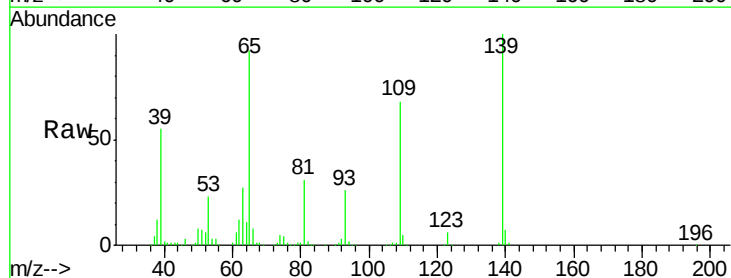
Instrument :
BNA_F
ClientSampleId :

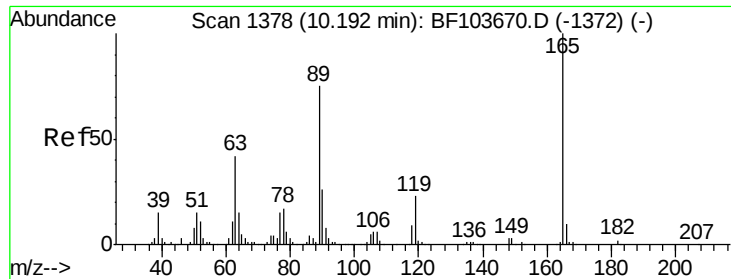
Tot Ion:168 Resp: 1053667
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 13.7 10.9 16.3



#55
4-Nitrophenol
Concen: 83.103 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion:139 Resp: 362041
Ion Ratio Lower Upper
139 100
109 68.1 48.4 88.4
65 92.1 72.6 112.6

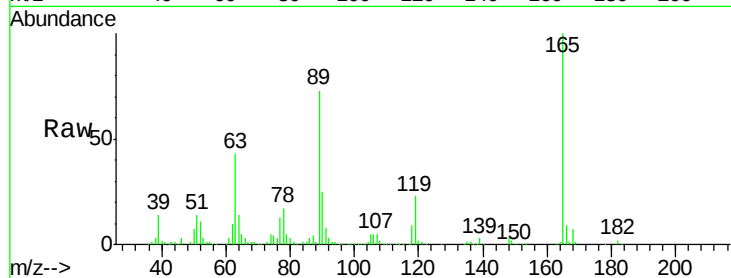




#56
2,4-Dinitrotoluene
Concen: 46.582 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	165	Resp	269753
Ion Ratio	100	Lower	Upper
63	42.7	36.4	54.6
89	73.2	57.8	86.6
182	2.3	1.6	2.4

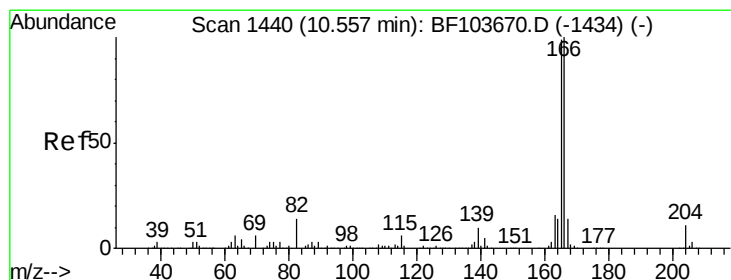
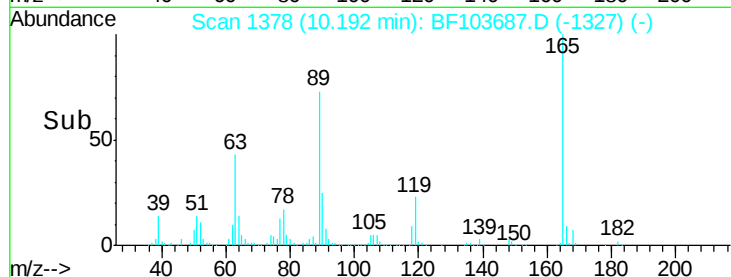
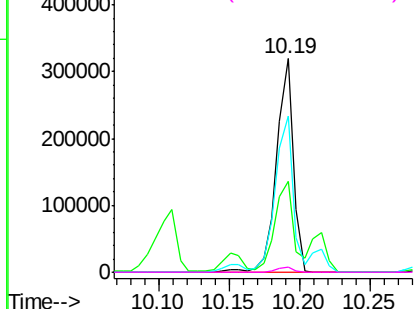


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

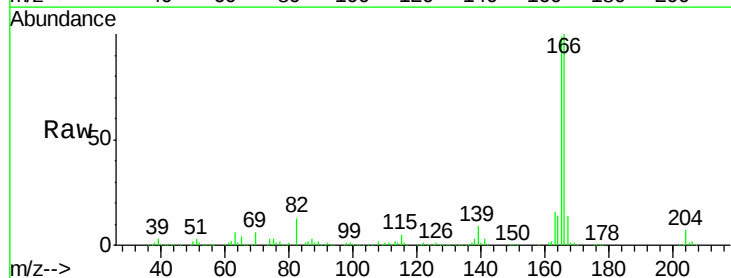
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 37.800 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

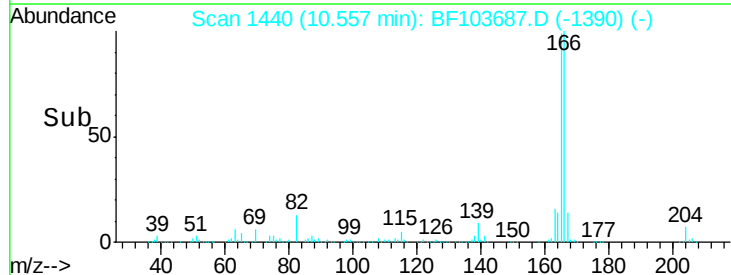
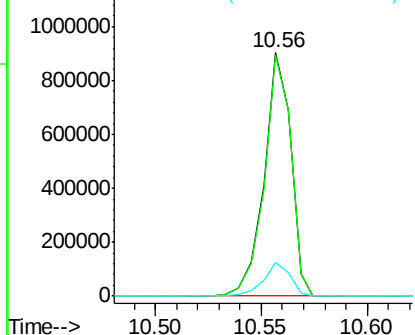
Tgt Ion	166	Resp	794803
Ion Ratio	100	Lower	Upper
165	98.9	79.8	119.8
167	13.7	10.6	16.0

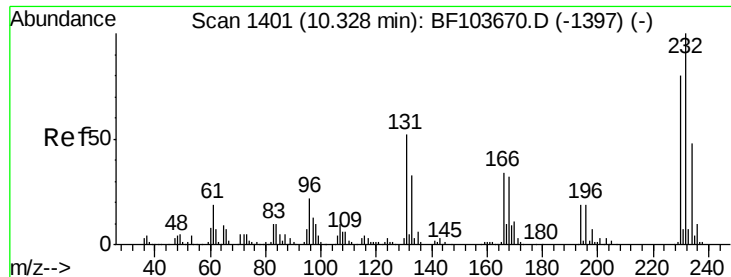


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

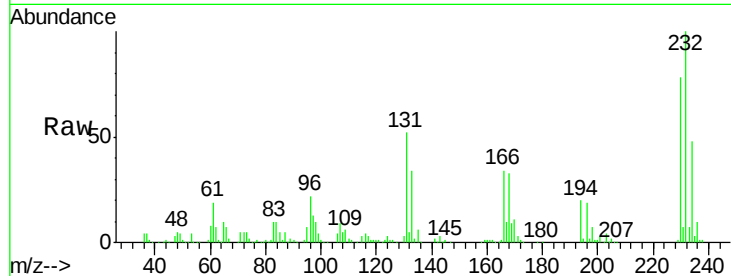




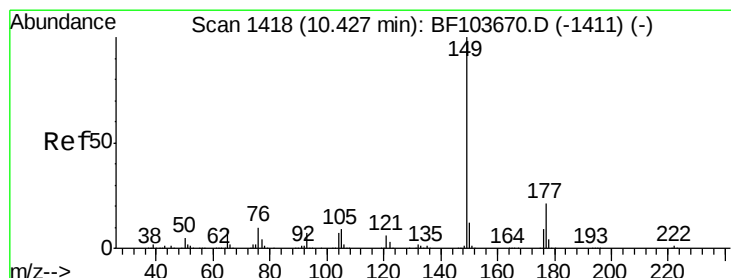
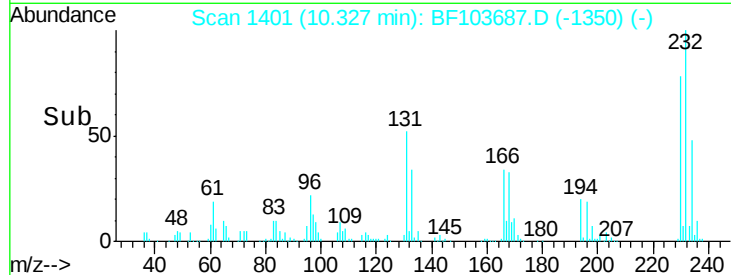
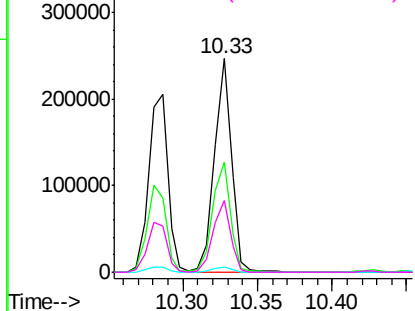
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.443 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 197251
 Ion Ratio Lower Upper
 232 100
 131 53.2 43.8 65.8
 130 2.6 2.1 3.1
 166 34.3 27.8 41.6

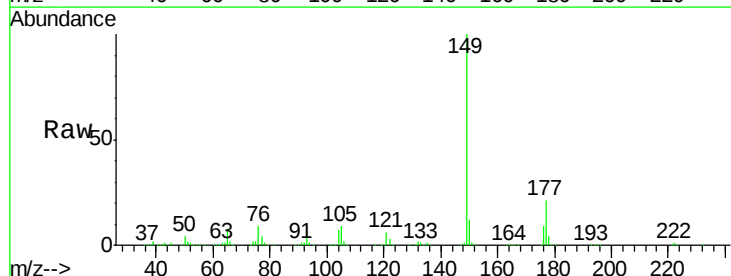


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

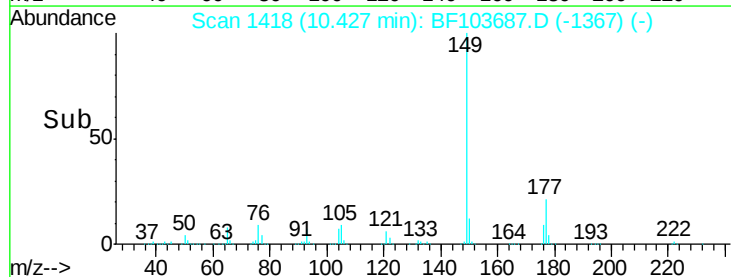
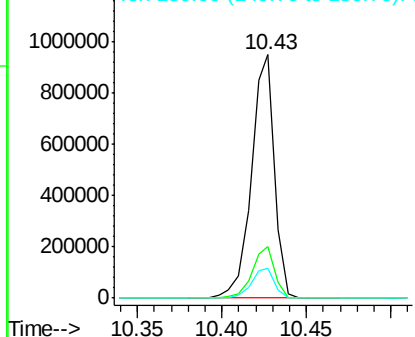


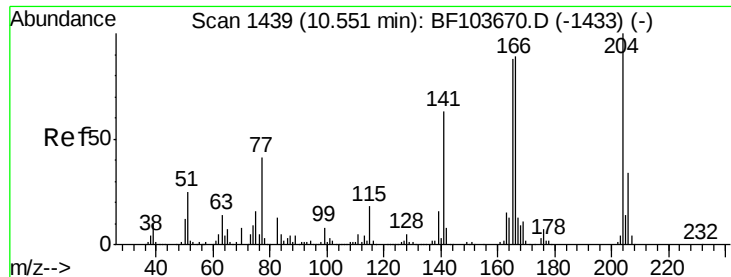
#59
 Diethylphthalate
 Concen: 38.238 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion:149 Resp: 900875
 Ion Ratio Lower Upper
 149 100
 177 21.4 16.1 24.1
 150 12.4 10.1 15.1



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

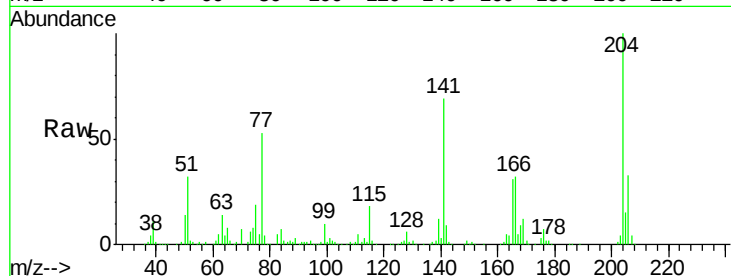




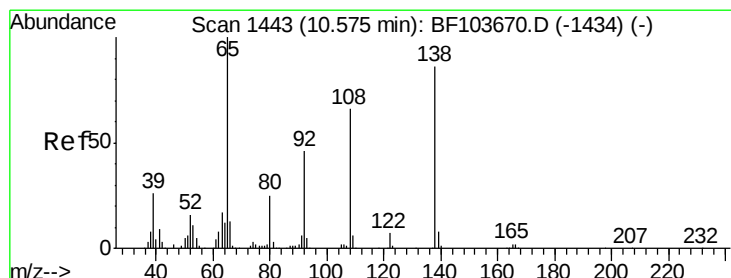
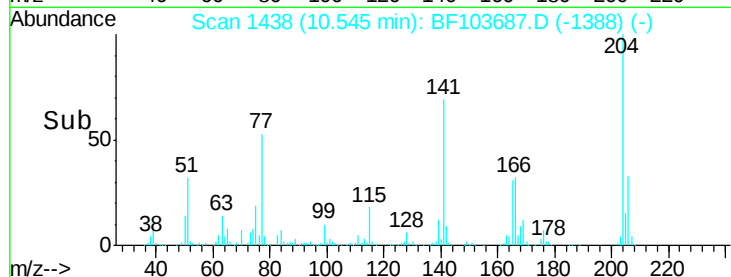
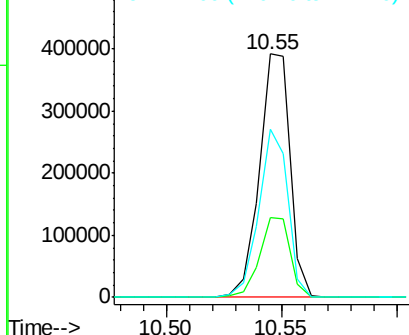
#60
4-Chlorophenyl-phenylether
Concen: 37.893 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 364127
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 69.0 54.6 81.8

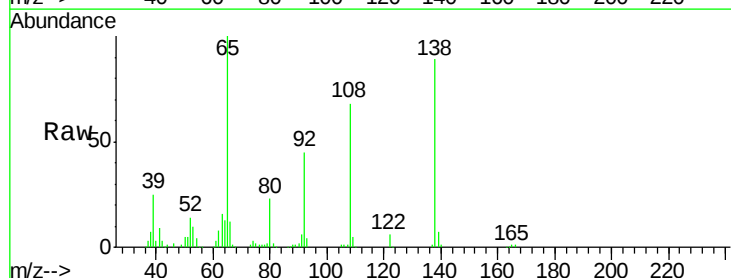


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

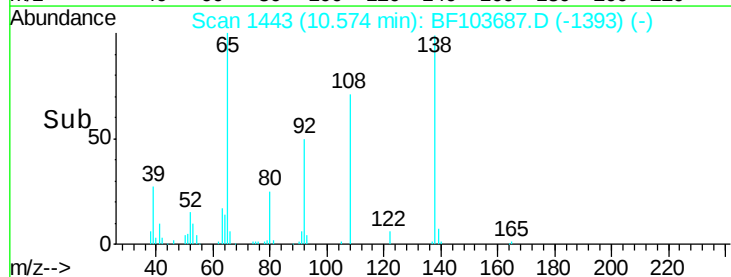
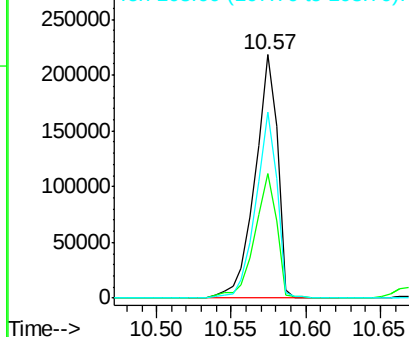


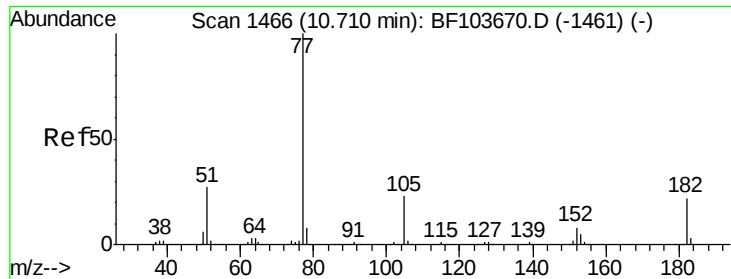
#61
4-Nitroaniline
Concen: 42.986 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion:138 Resp: 225427
Ion Ratio Lower Upper
138 100
92 51.0 30.2 70.2
108 76.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 38.651 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 925786

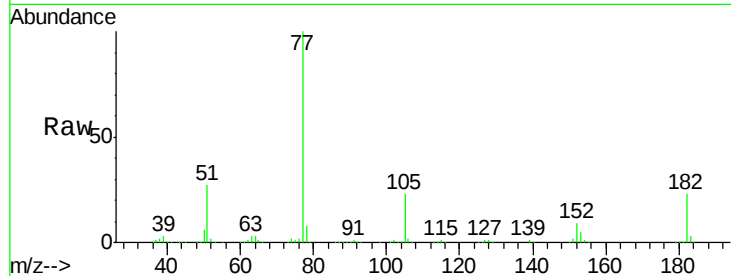
Ion Ratio Lower Upper

77 100

182 23.3 1.7 41.7

105 23.4 3.0 43.0

51 26.9 9.9 49.9

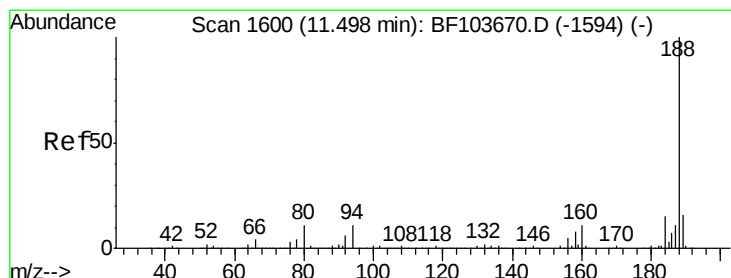
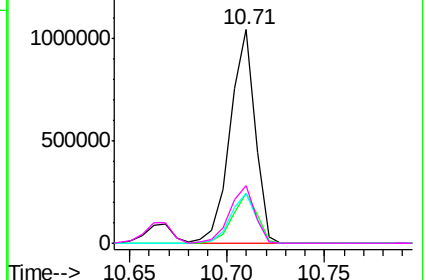
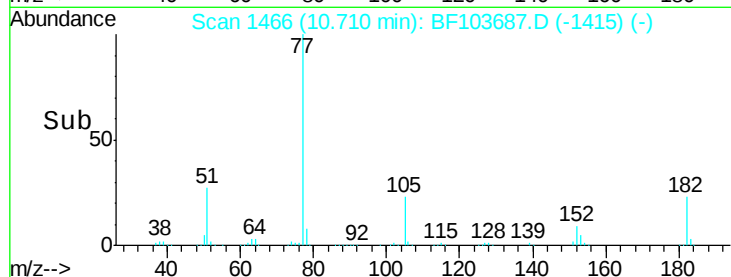


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

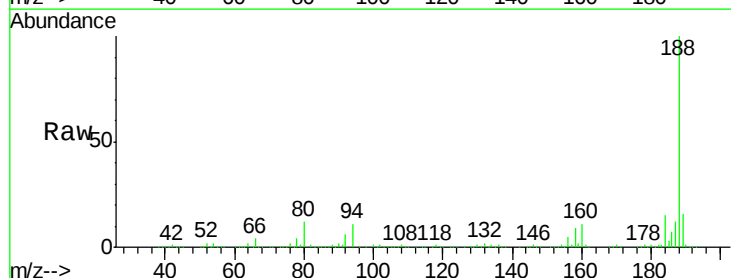
Tgt Ion: 188 Resp: 566445

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

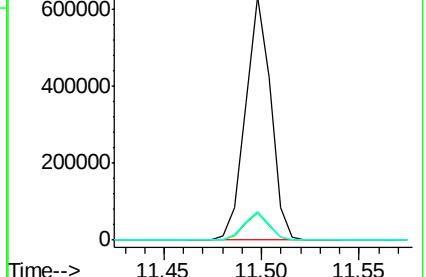
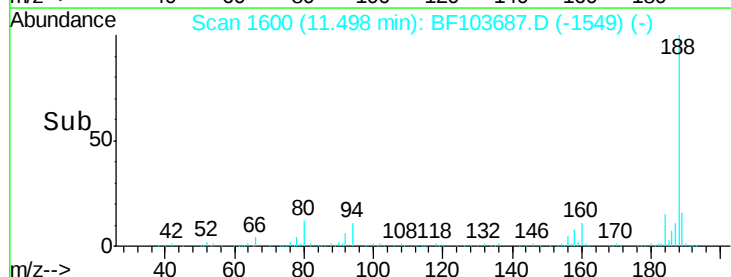
80 11.8 9.2 13.8

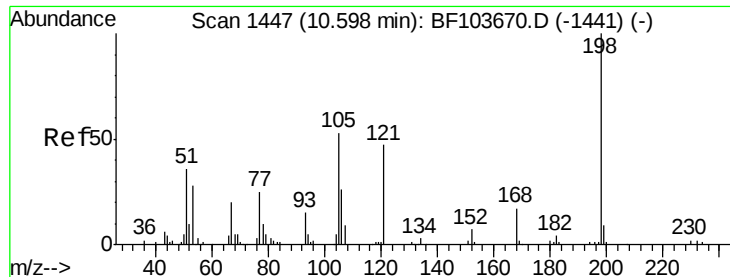


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 26.412 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

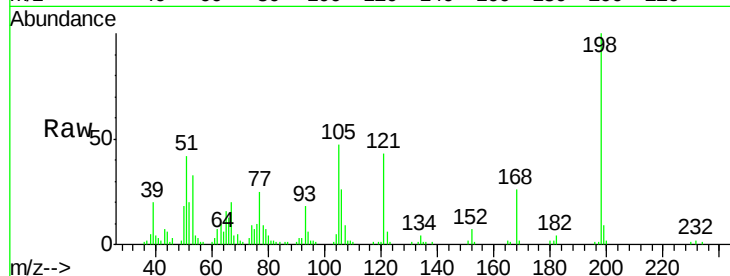
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 39612

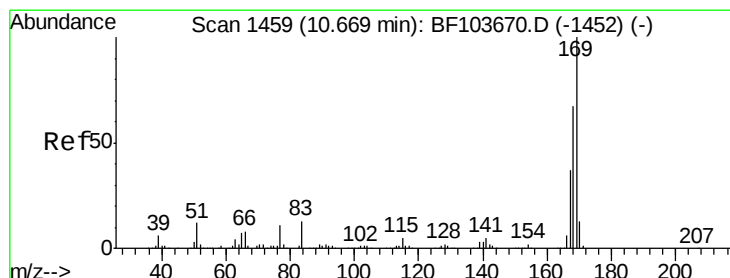
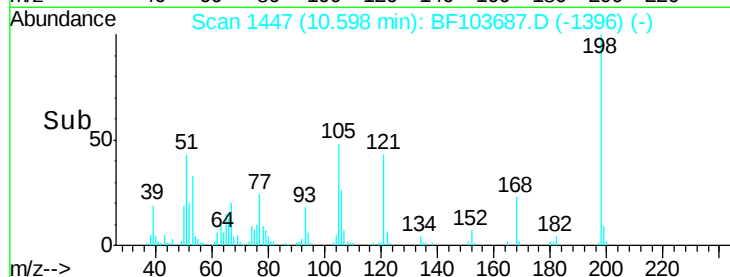
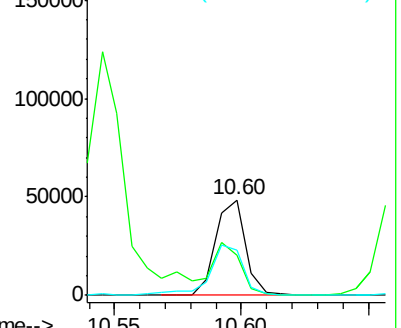
Ion	Ratio	Lower	Upper
198	100		
51	42.2	37.7	77.7
105	47.5	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 38.309 ng

RT: 10.67 min Scan# 1459

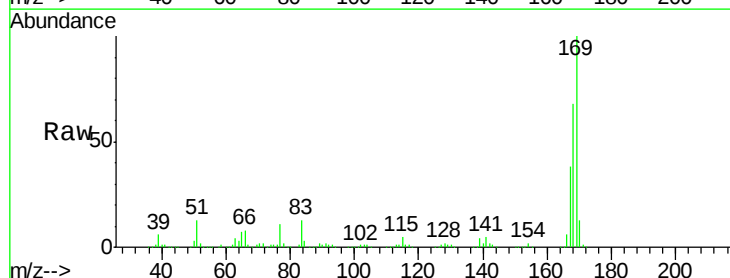
Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Tgt Ion:169 Resp: 738622

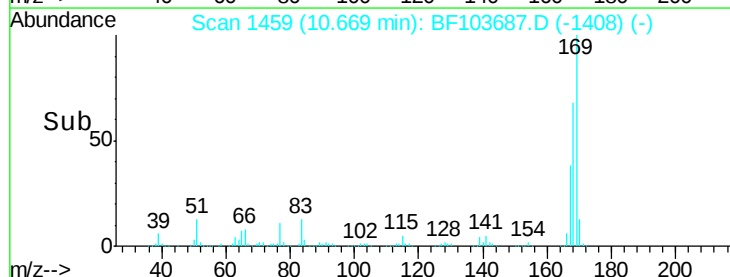
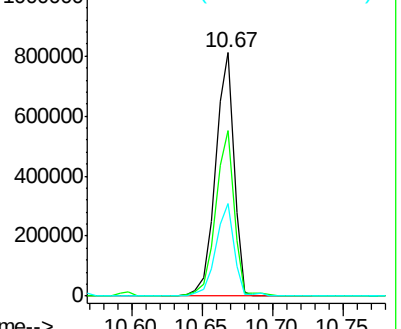
Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	37.8	29.8	44.6

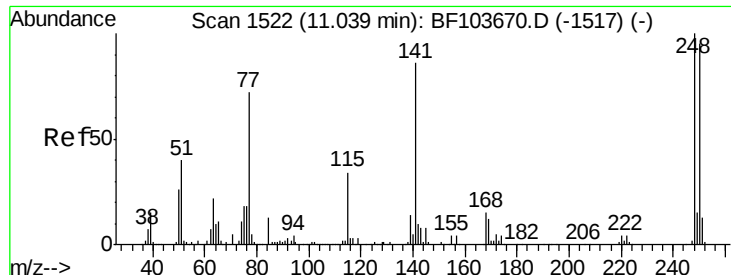


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

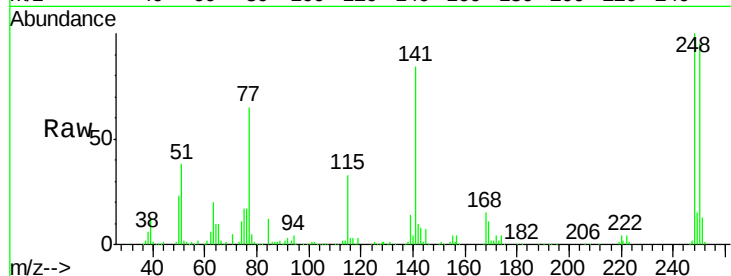




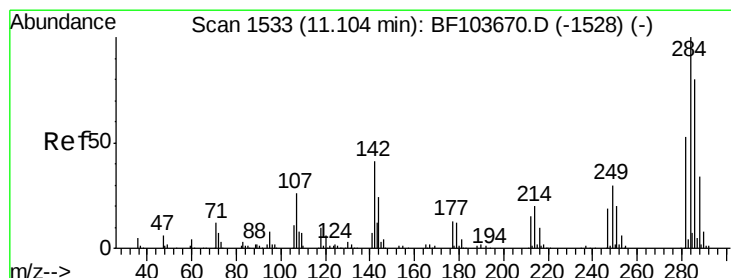
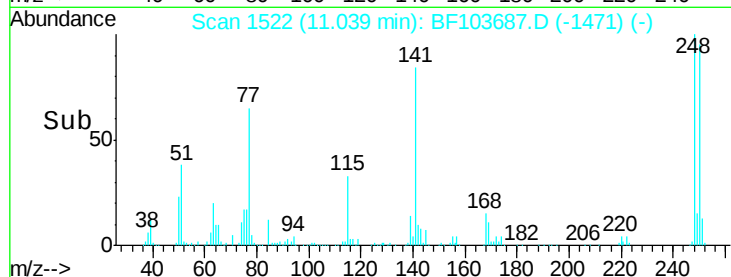
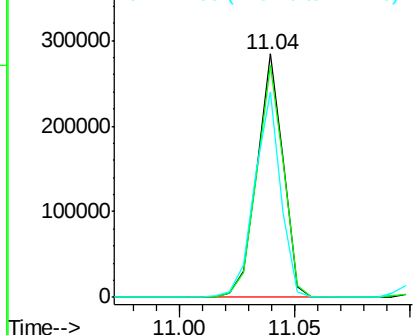
#66
4-Bromophenyl-phenylether
Concen: 38.847 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 225928
Ion Ratio Lower Upper
248 100
250 95.1 76.9 115.3
141 84.2 74.4 111.6

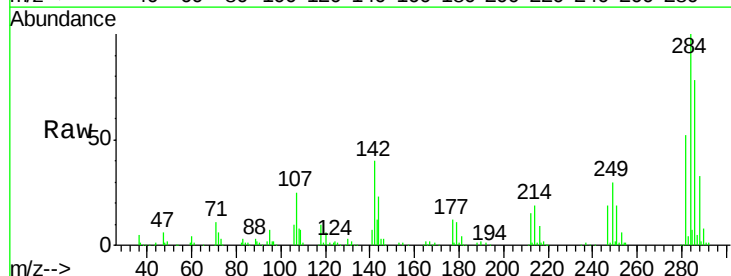


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

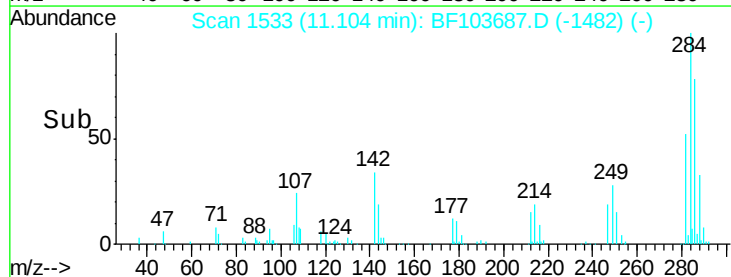
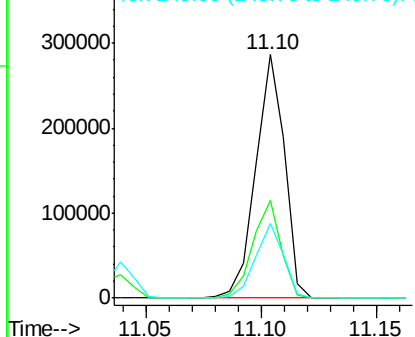


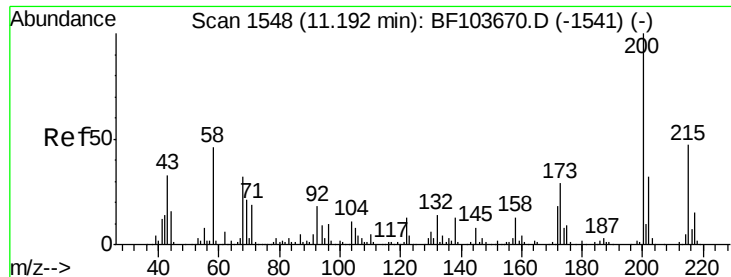
#67
Hexachlorobenzene
Concen: 37.551 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion:284 Resp: 249258
Ion Ratio Lower Upper
284 100
142 40.3 34.6 52.0
249 30.4 24.8 37.2



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

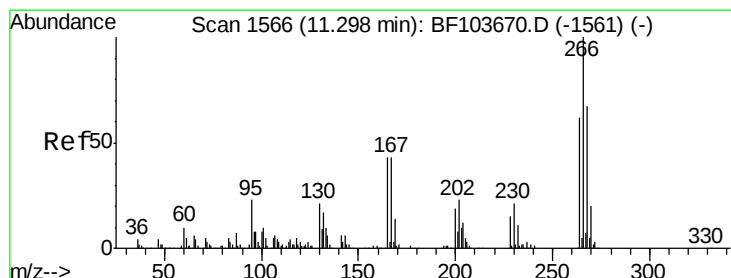
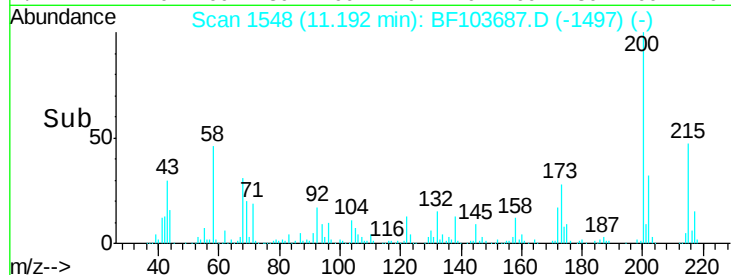
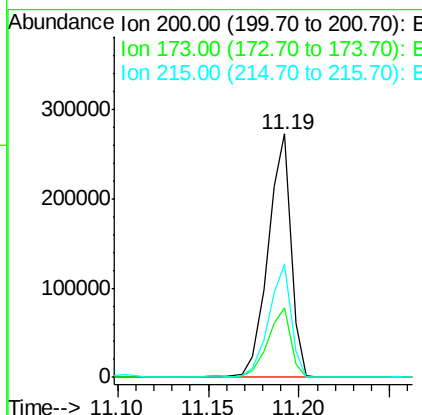
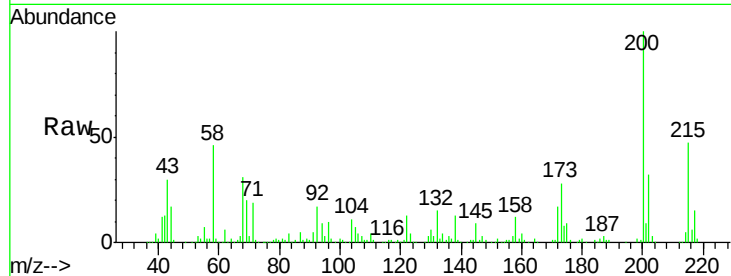




#68
 Atrazine
 Concen: 40.073 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

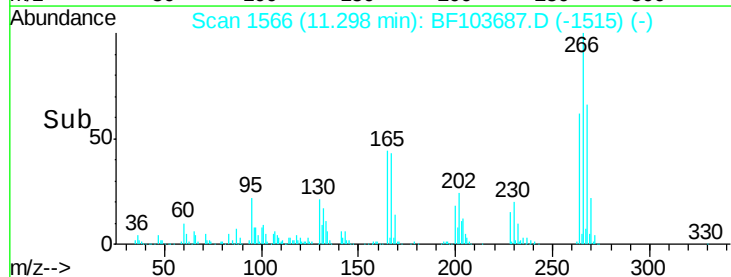
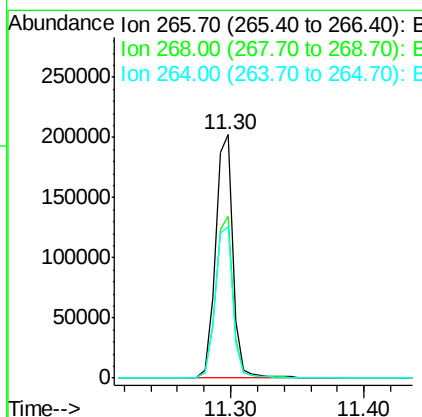
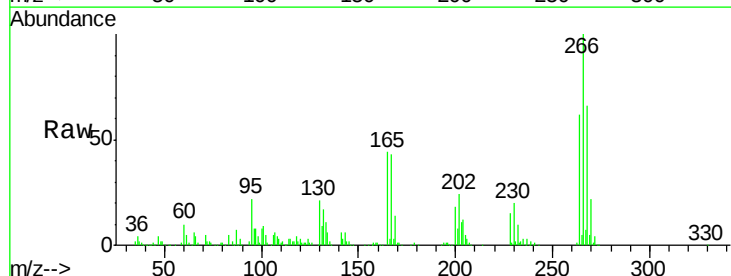
Instrument :
 BNA_F
 ClientSampleId :

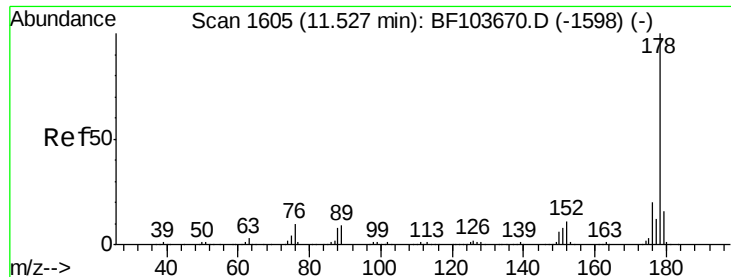
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.6	48.6
215	46.5	25.1	65.1



#69
 Pentachlorophenol
 Concen: 49.236 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.1	76.7
264	62.3	49.5	74.3

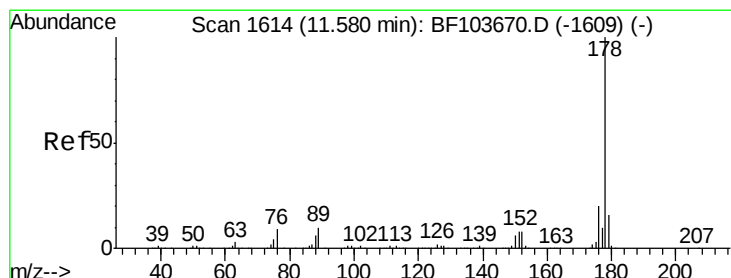
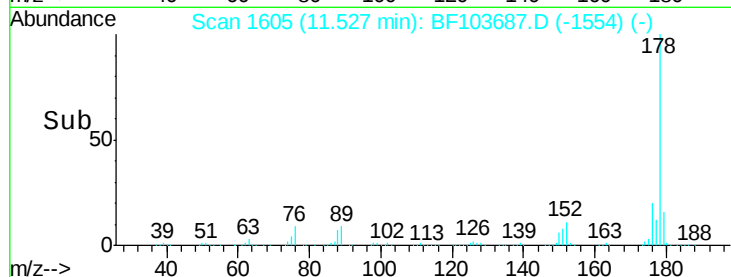
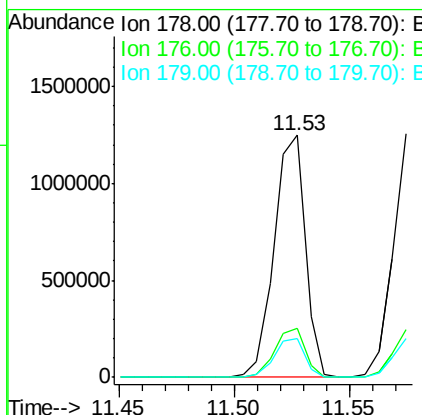
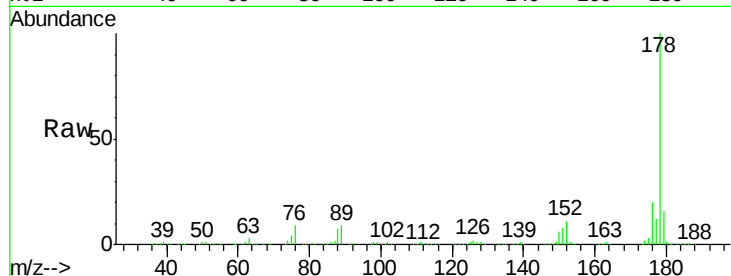




#70
Phenanthrene
Concen: 37.688 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

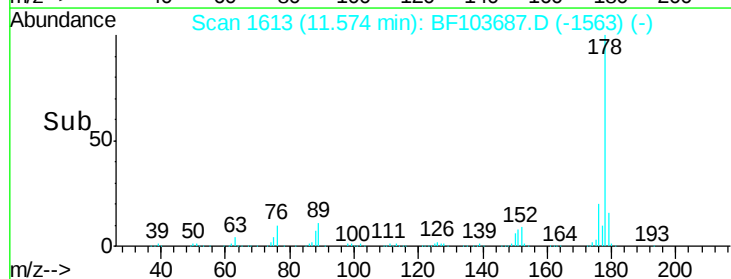
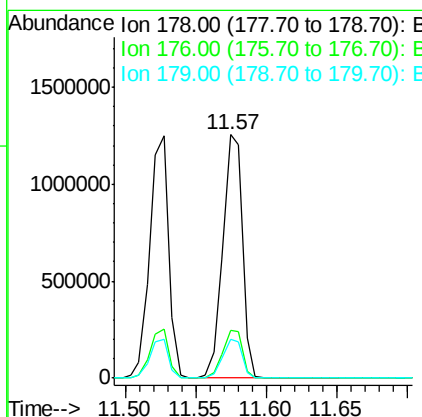
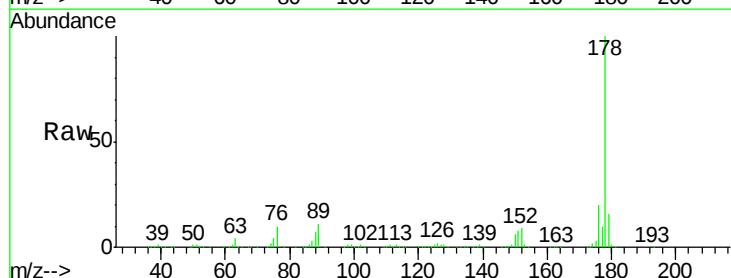
Instrument :
BNA_F
ClientSampleId :

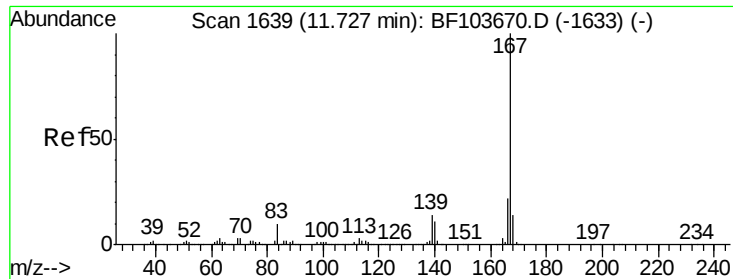
Tot Ion:178 Resp: 1167796
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.8
179 15.9 13.0 19.6



#71
Anthracene
Concen: 38.732 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion:178 Resp: 1218945
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.0 12.6 19.0

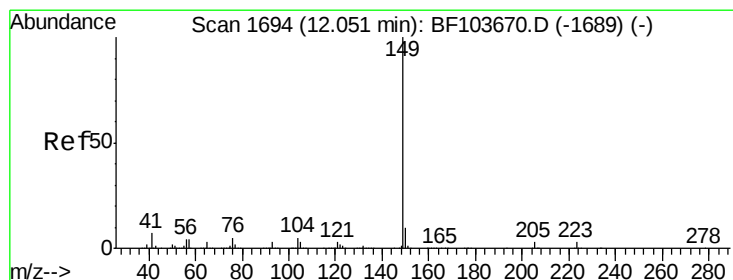
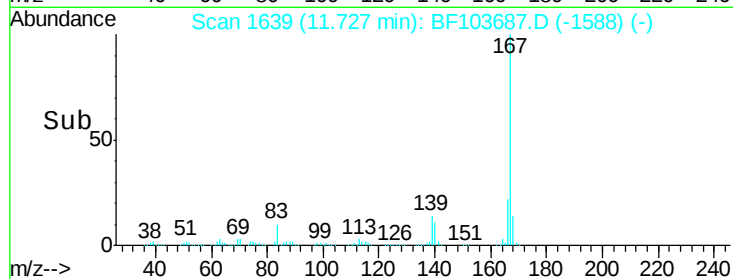
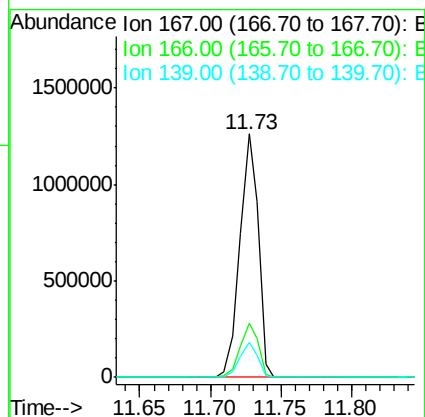
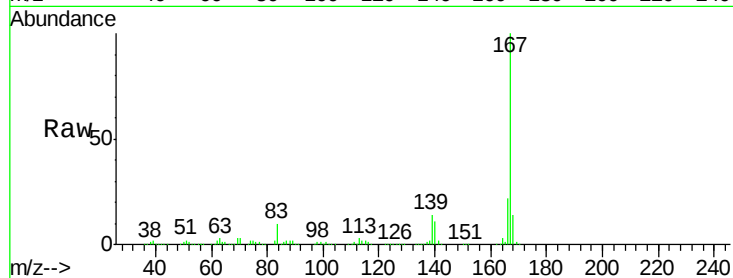




#72
 Carbazole
 Concen: 37.461 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

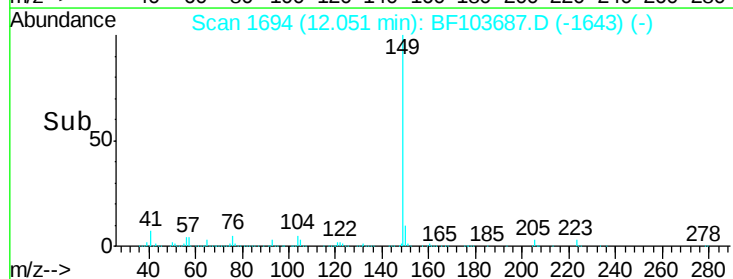
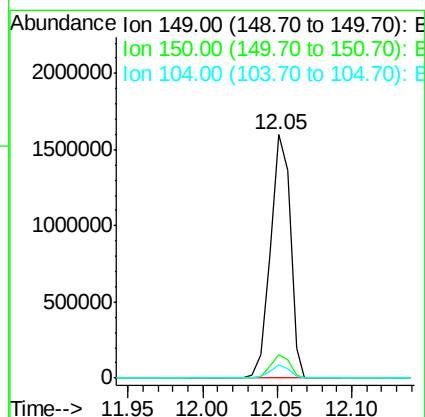
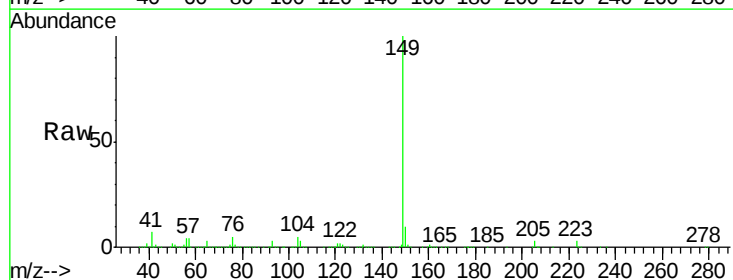
Instrument :
 BNA_F
 ClientSampleId :

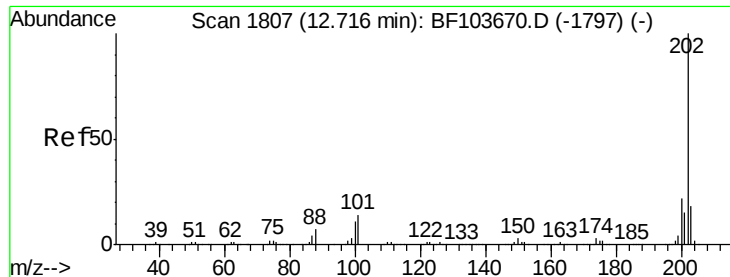
Tot Ion:167 Resp: 1145859
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.2 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 39.824 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion:149 Resp: 1461626
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.6
 104 5.2 3.8 5.8

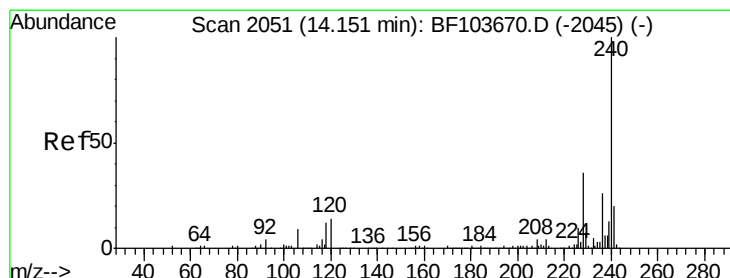
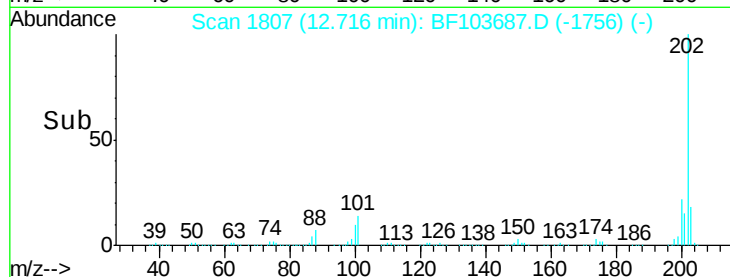
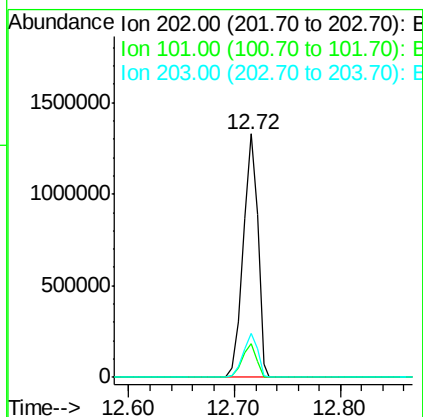
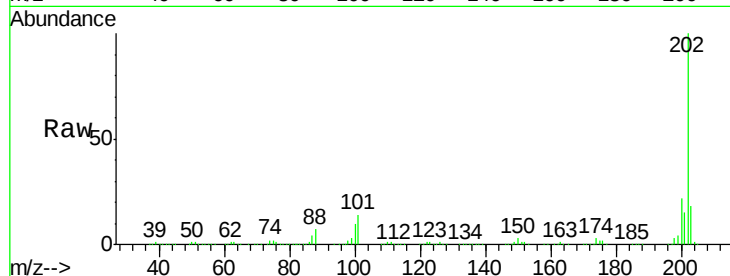




#74
 Fluoranthene
 Concen: 39.122 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

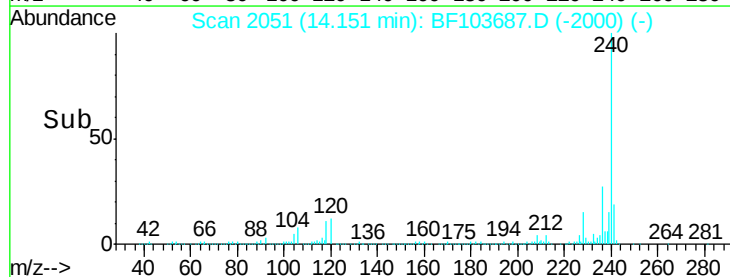
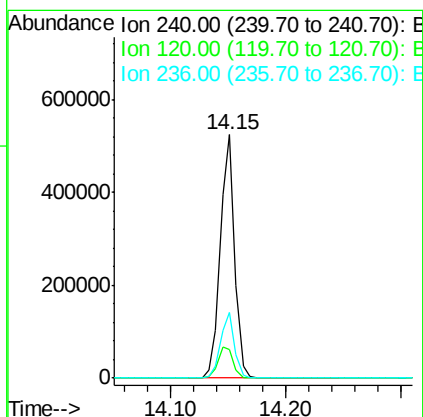
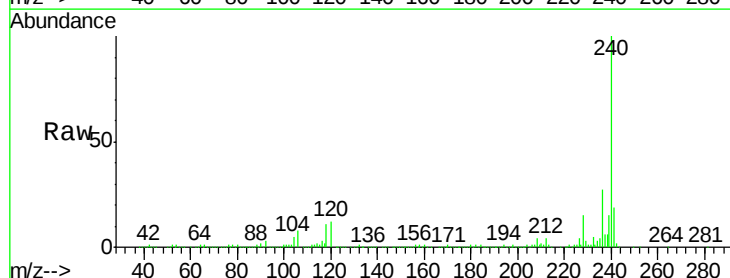
Instrument :
 BNA_F
 ClientSampleId :

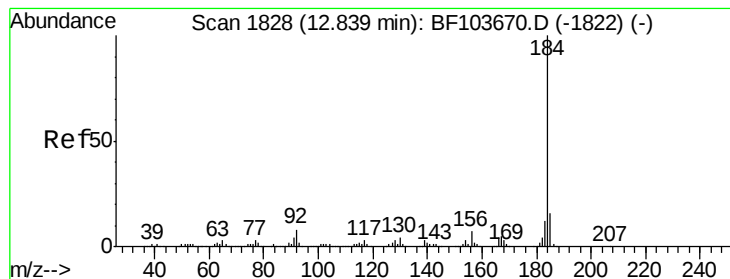
Tot Ion:202 Resp: 1248881
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 34.1
 203 18.0 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion:240 Resp: 452925
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.5 14.3
 236 26.8 20.7 31.1





#76

Benzidine

Concen: 23.396 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

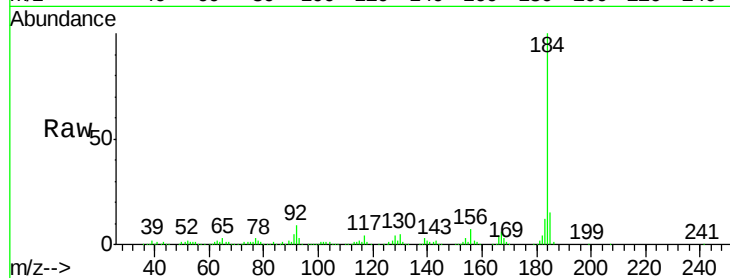
Tot Ion:184 Resp: 451957

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

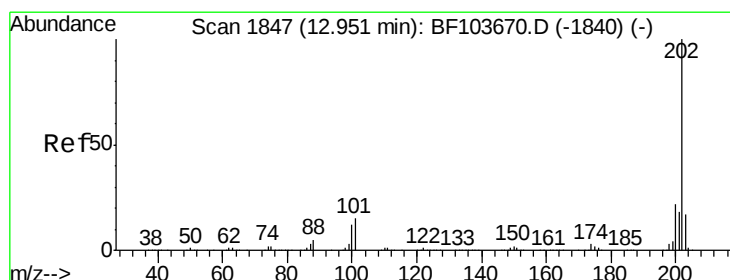
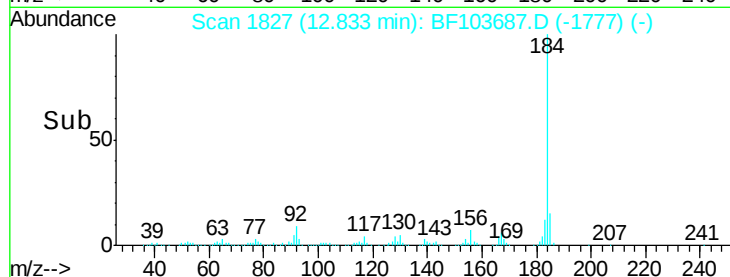
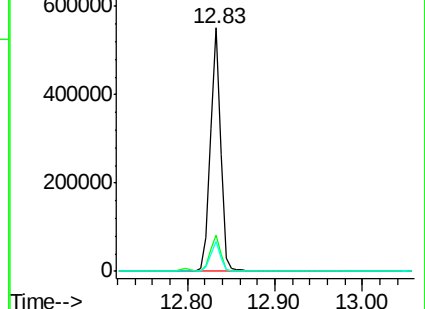
183 12.2 9.3 13.9



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

Pyrene

Concen: 38.253 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

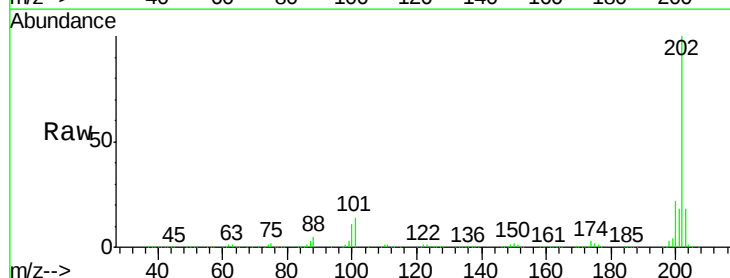
Tgt Ion:202 Resp: 1272395

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

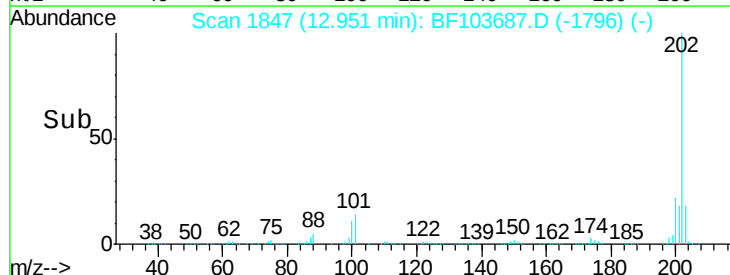
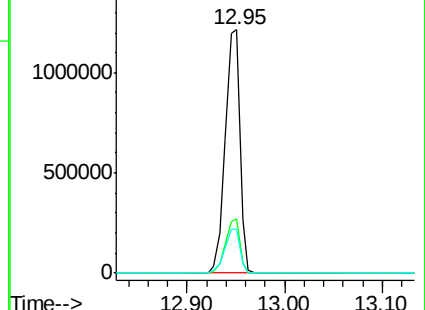
203 17.8 14.3 21.5

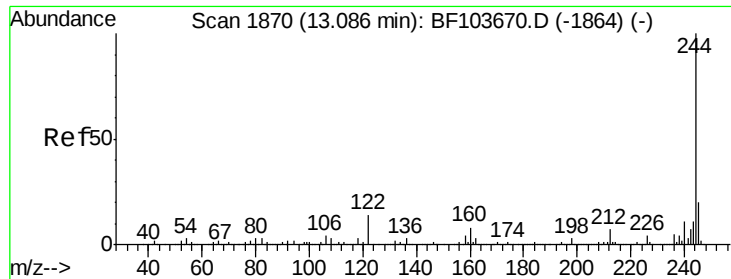


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

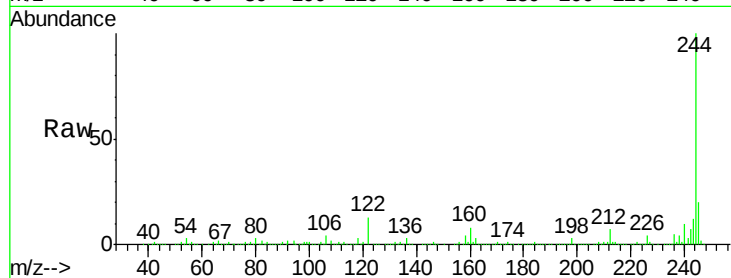




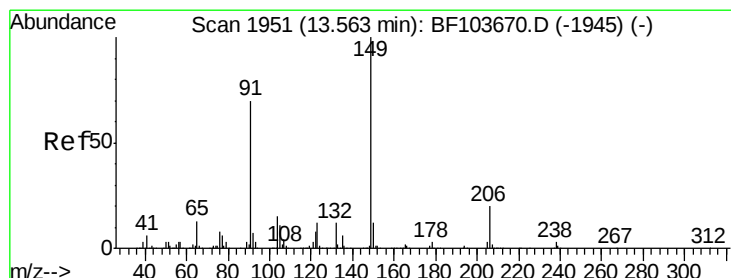
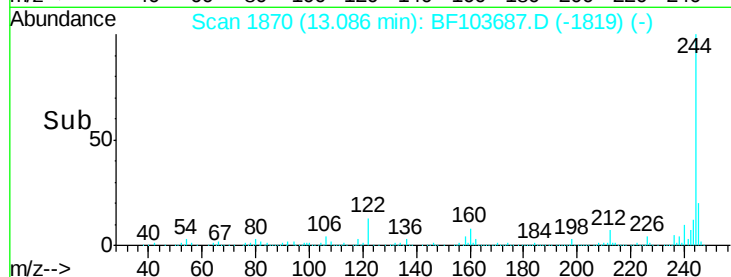
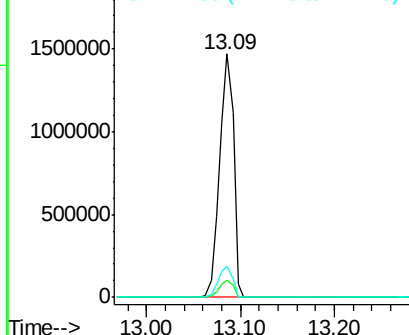
#78
 Terphenyl-d14
 Concen: 78.541 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1532576
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.0 11.0 16.4

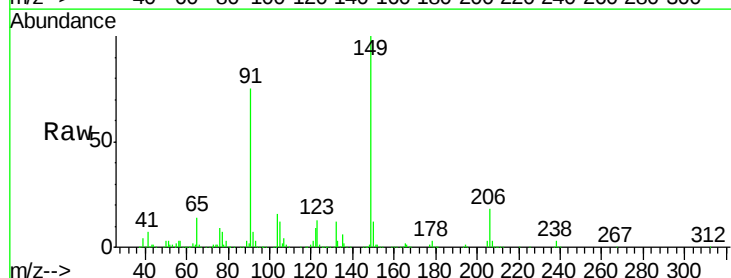


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

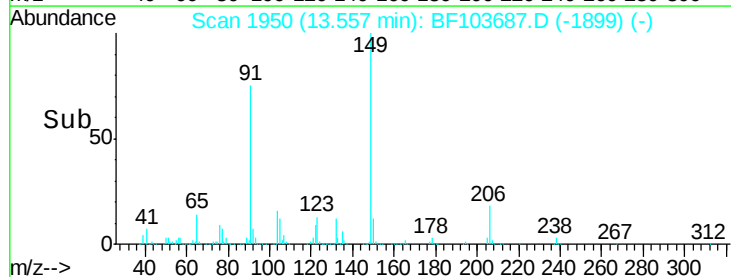
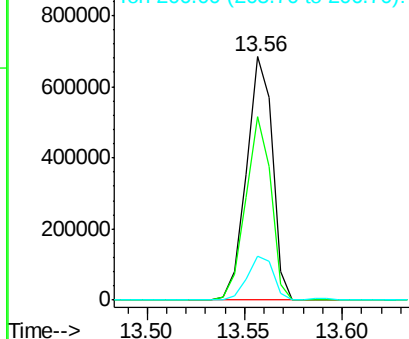


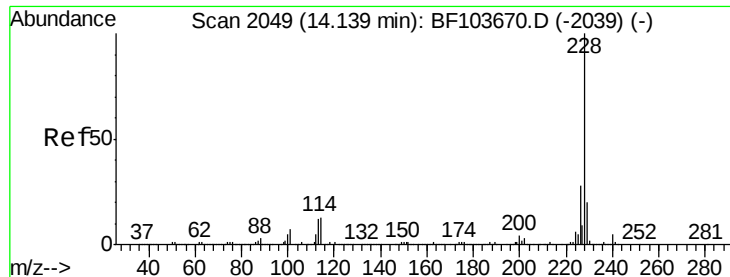
#79
 Butylbenzylphthalate
 Concen: 42.670 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. -0.00 min
 Lab File: BF103687.D
 Acq: 16 Mar 2018 11:03

Tgt Ion:149 Resp: 628827
 Ion Ratio Lower Upper
 149 100
 91 75.4 56.8 85.2
 206 17.9 14.1 21.1



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





#80

Benzo(a)anthracene

Concen: 38.790 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

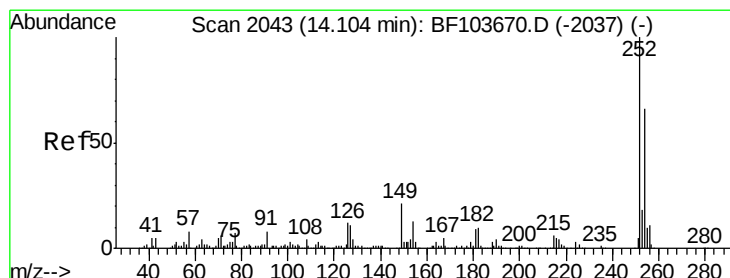
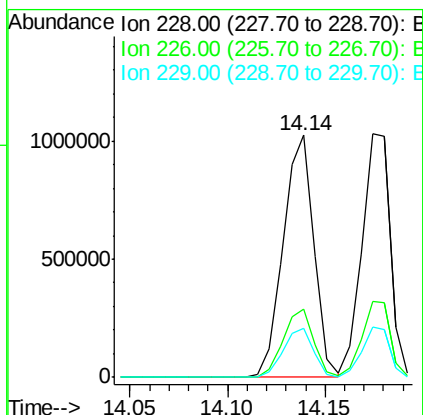
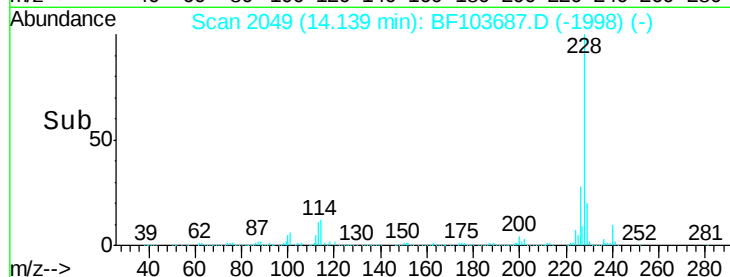
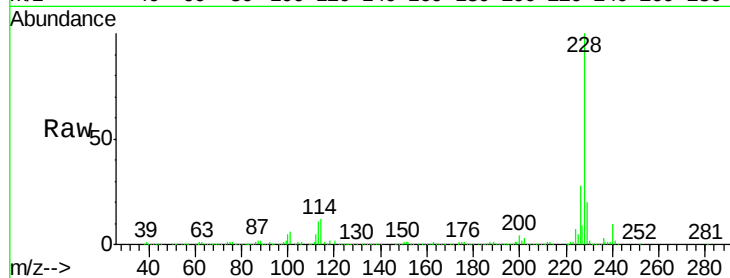
Tot Ion:228 Resp: 1112112

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

229 20.2 15.8 23.6



#81

3,3'-Dichlorobenzidine

Concen: 12.438 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

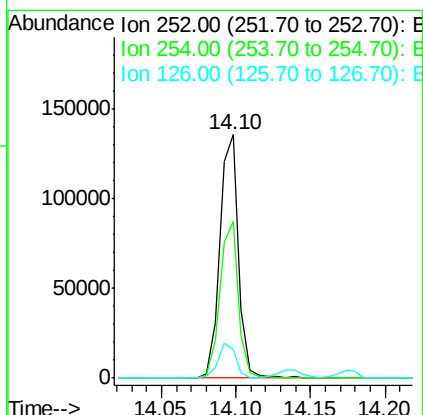
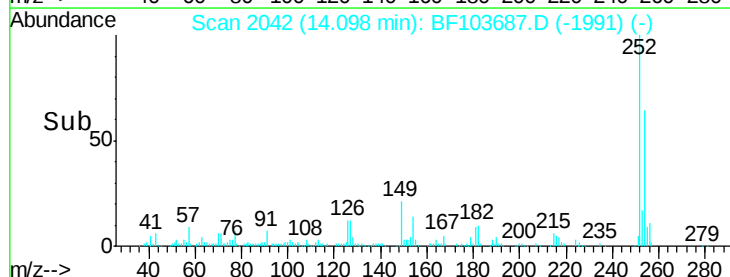
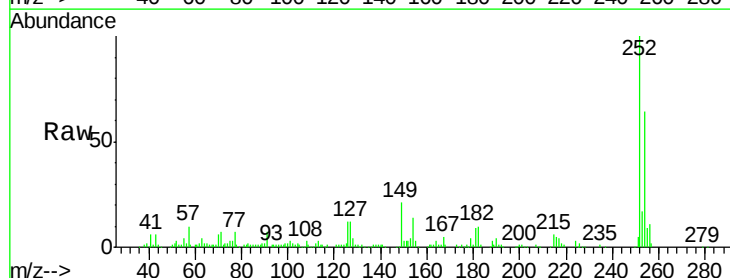
Tgt Ion:252 Resp: 119279

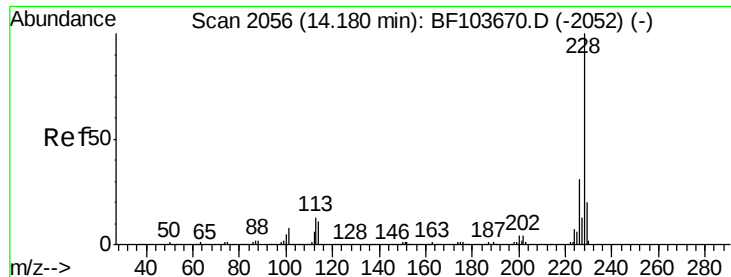
Ion Ratio Lower Upper

252 100

254 64.4 50.4 75.6

126 11.6 11.3 16.9





#82

Chrysene

Concen: 38.127 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

Instrument :

BNA_F

ClientSampleId :

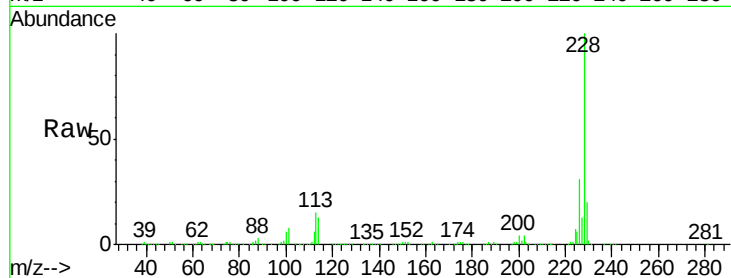
Tot Ion:228 Resp: 1041998

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

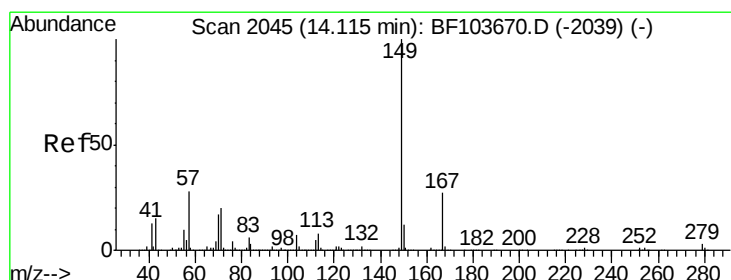
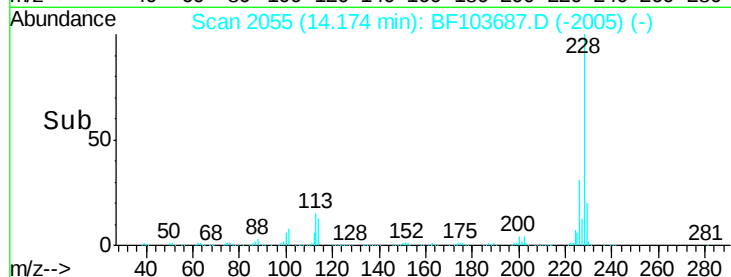
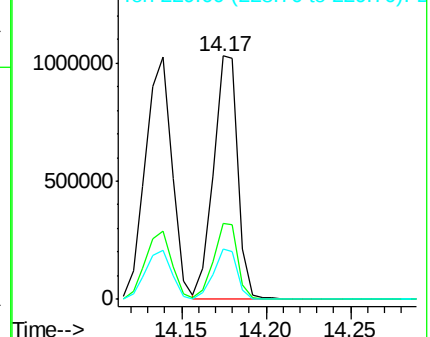
229 20.5 16.2 24.4



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: 40.880 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF103687.D

Acq: 16 Mar 2018 11:03

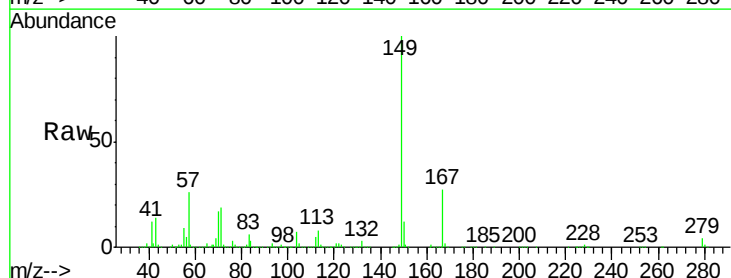
Tgt Ion:149 Resp: 860658

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

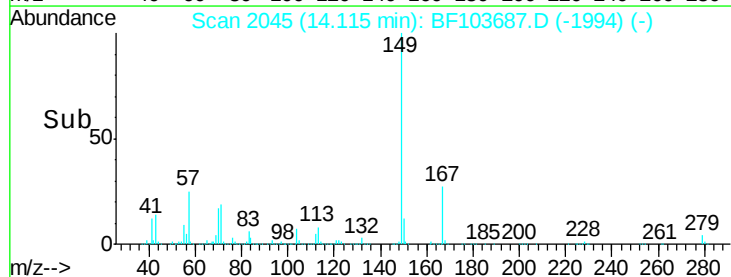
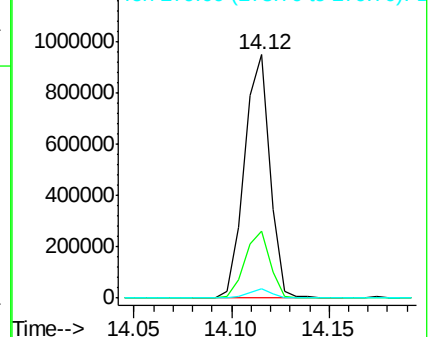
279 3.6 3.0 4.4

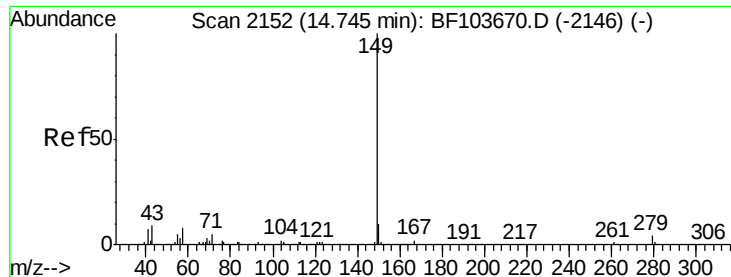


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

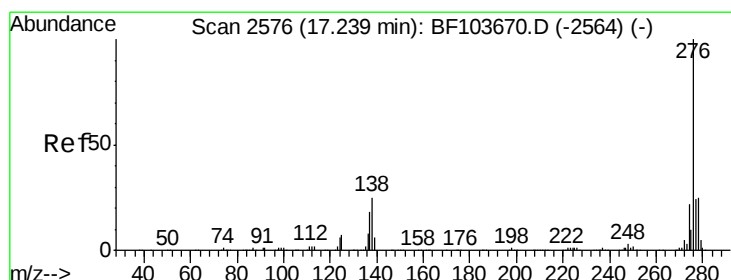
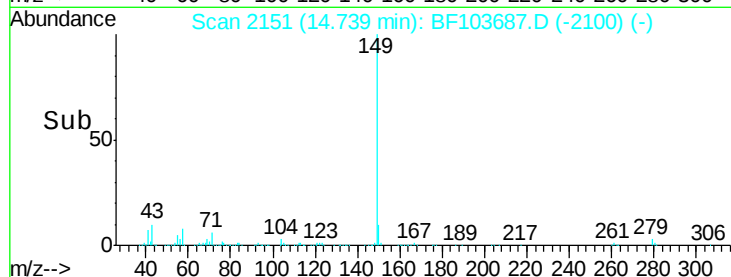
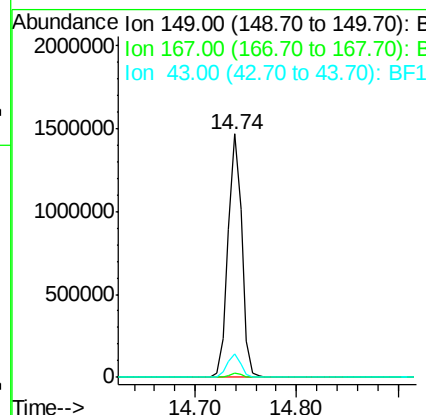
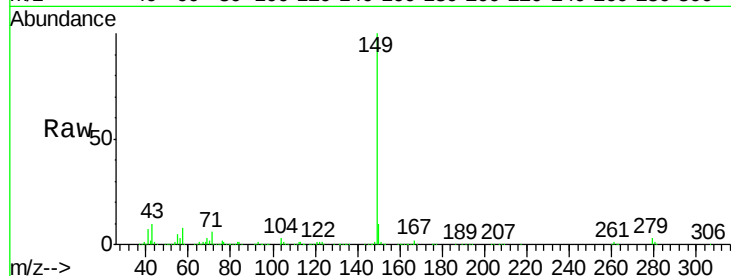




#84
Di-n-octyl phthalate
Concen: 44.941 ng
RT: 14.74 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

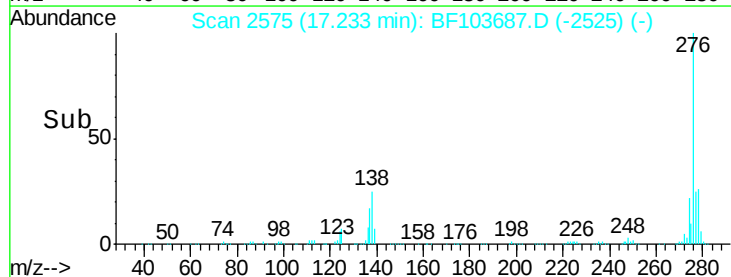
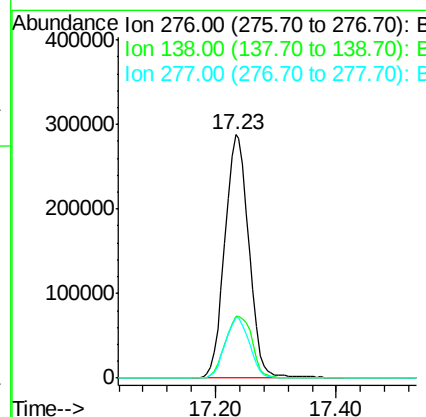
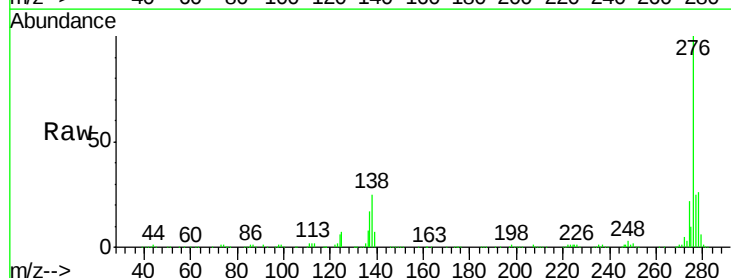
Instrument :
BNA_F
ClientSampleId :

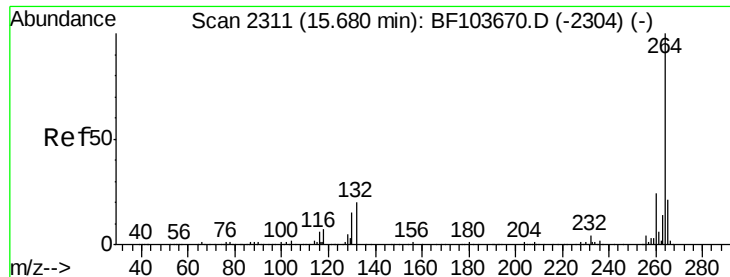
Tot Ion:149 Resp: 1376486
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 33.541 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion:276 Resp: 800512
Ion Ratio Lower Upper
276 100
138 28.5 25.0 37.6
277 25.3 20.1 30.1

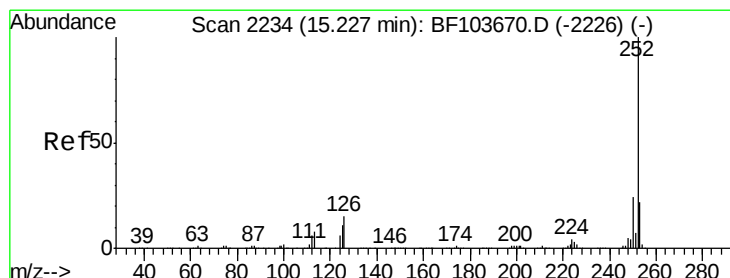
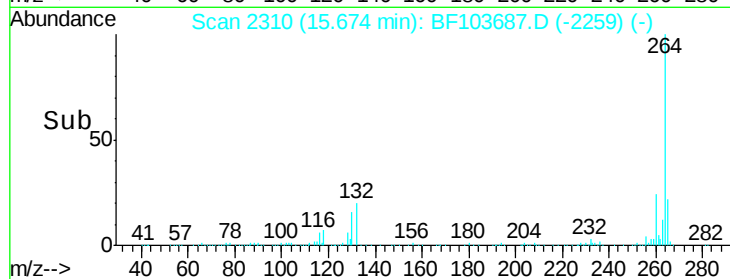
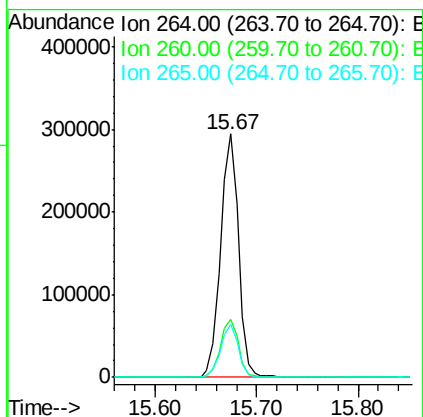
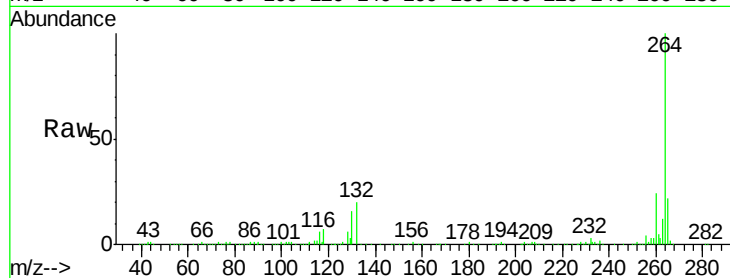




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

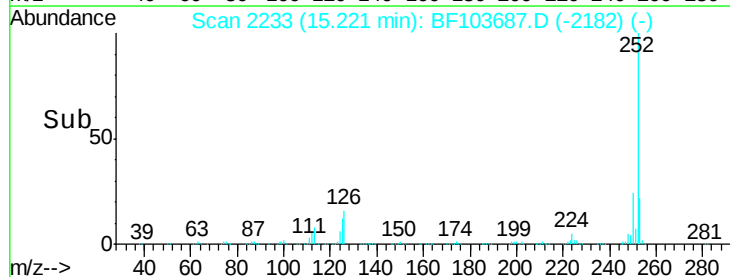
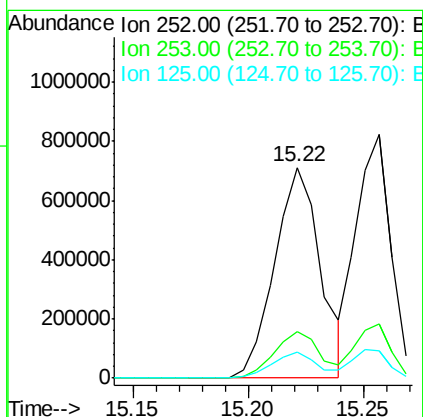
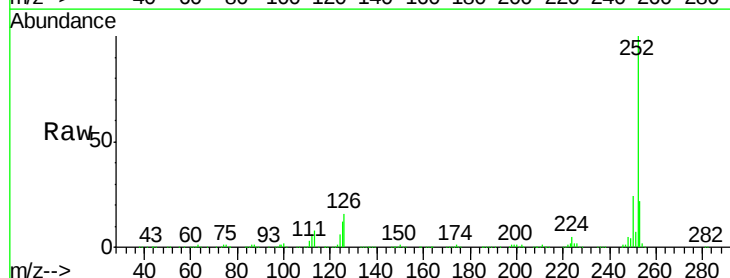
Instrument :
BNA_F
ClientSampleId :

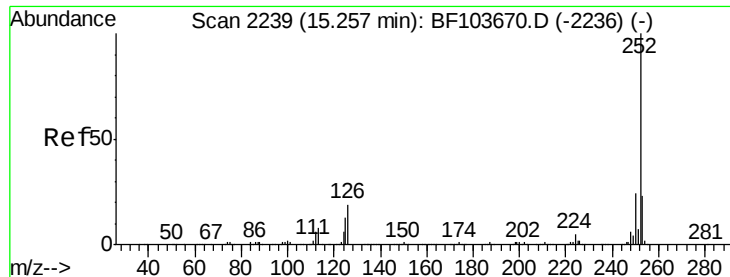
Tot Ion:264 Resp: 363021
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.7 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 42.654 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion:252 Resp: 978256
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 12.1 9.0 13.6

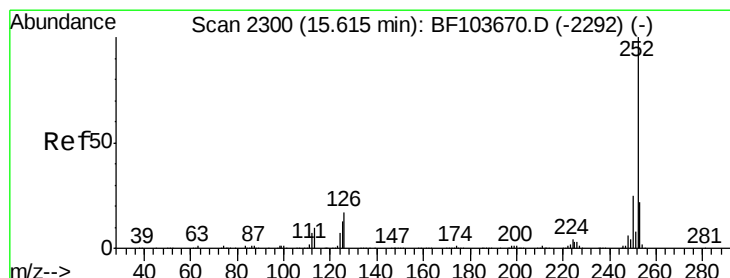
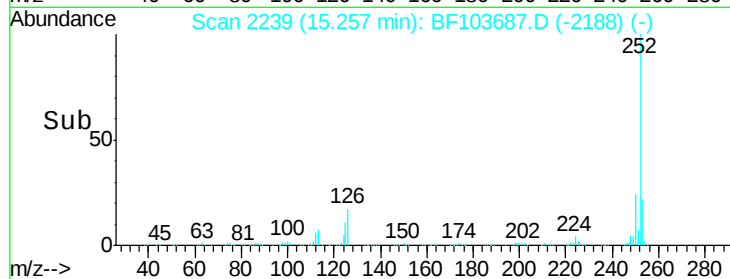
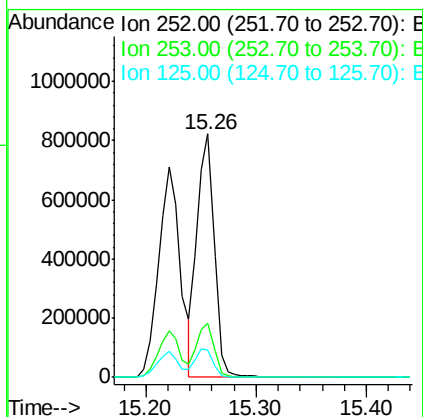
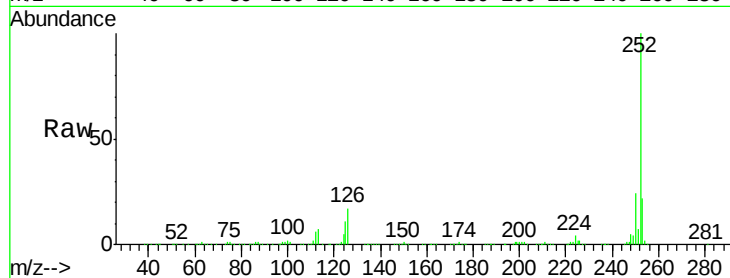




#88
Benzo(k)fluoranthene
Concen: 39.554 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

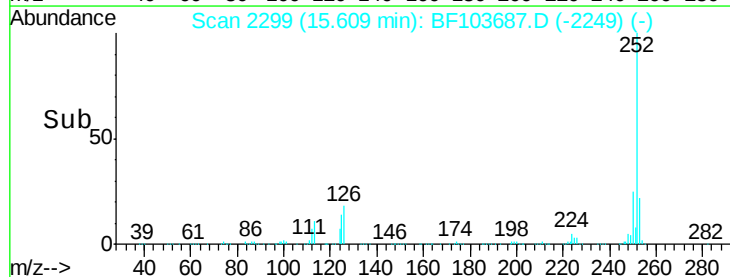
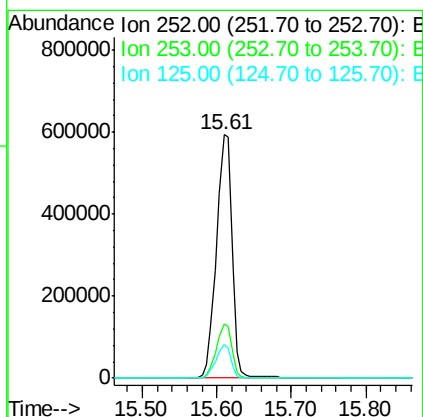
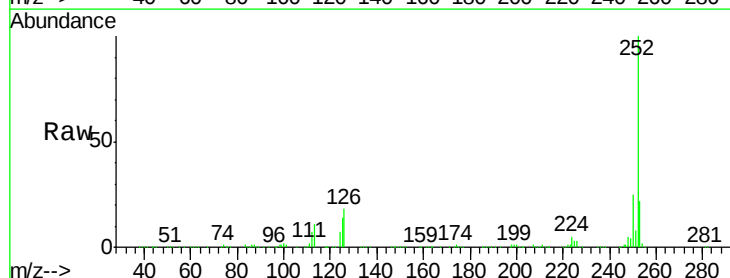
Instrument :
BNA_F
ClientSampleId :

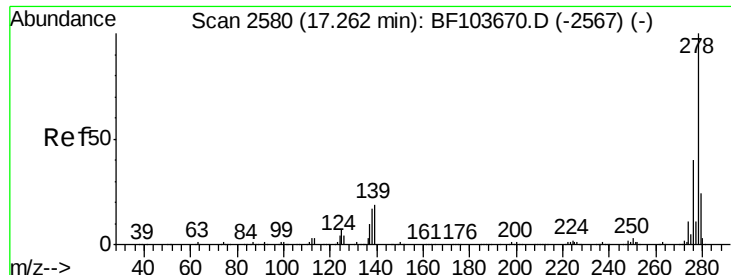
Tot Ion:252 Resp: 872027
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.4 10.2 15.2



#89
Benzo(a)pyrene
Concen: 41.598 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion:252 Resp: 865324
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 13.7 9.8 14.6

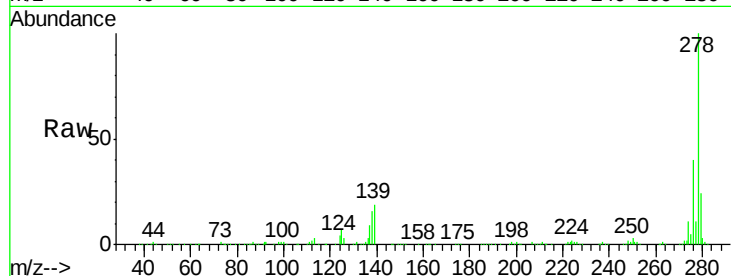




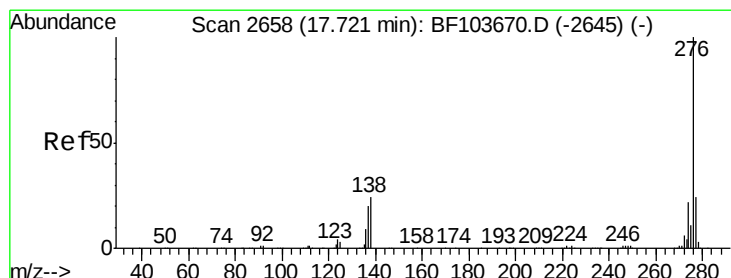
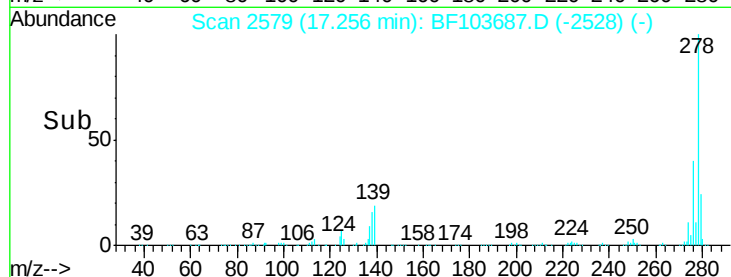
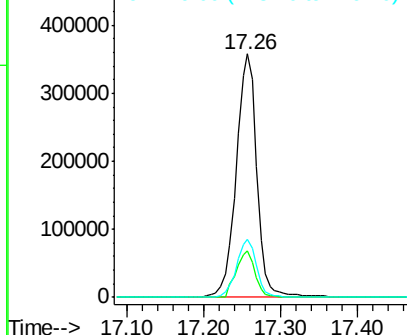
#90
Dibenzo(a,h)anthracene
Concen: 37.377 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 673254
Ion Ratio Lower Upper
278 100
139 18.9 15.9 23.9
279 23.6 19.0 28.4

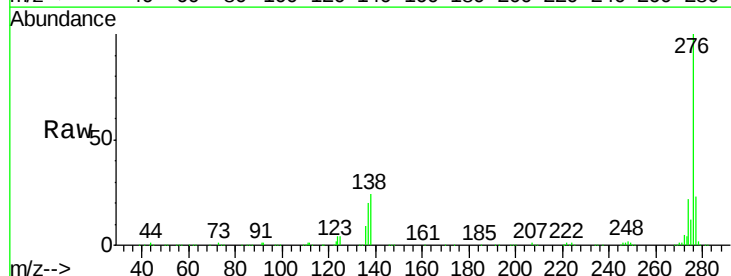


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 37.633 ng
RT: 17.72 min Scan# 2657
Delta R.T. -0.00 min
Lab File: BF103687.D
Acq: 16 Mar 2018 11:03

Tgt Ion:276 Resp: 659461
Ion Ratio Lower Upper
276 100
277 23.1 17.9 26.9
138 23.7 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

