

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103685.D
 Acq On : 16 Mar 2018 10:10
 Operator : JU/SJ
 Sample : PB107358BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 13:26:18 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	162662	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	673489	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	316132	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	574851	20.00	ng	0.00
75) Chrysene-d12	14.15	240	458594	20.00	ng	0.00
86) Perylene-d12	15.67	264	361999	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1136711	106.29	ng	0.01
7) Phenol-d6	6.59	99	1393757	106.52	ng	0.00
23) Nitrobenzene-d5	7.53	82	843251	87.31	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	324641	119.44	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1461260	73.73	ng	0.00
78) Terphenyl-d14	13.09	244	1459587	73.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	155153	29.463	ng	93
3) Pyridine	3.66	79	433976	29.962	ng	90
4) n-Nitrosodimethylamine	3.62	42	188440	35.285	ng	92
6) Aniline	6.63	93	241600	12.932	ng	99
8) 2-Chlorophenol	6.75	128	384252	34.299	ng	97
9) Benzaldehyde	6.52	77	155945	18.142	ng	98
10) Phenol	6.60	94	468361	33.688	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	370865	32.313	ng	97
12) 1,3-Dichlorobenzene	6.91	146	392240	30.741	ng	99
13) 1,4-Dichlorobenzene	6.99	146	398389	31.071	ng	98
14) 1,2-Dichlorobenzene	7.14	146	371142	31.194	ng	99
15) Benzyl Alcohol	7.10	79	339279	33.468	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	519614	31.831	ng	96
17) 2-Methylphenol	7.20	107	323749	32.451	ng	98
18) Hexachloroethane	7.48	117	149988	33.256	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	263380	31.411	ng	95
20) 3+4-Methylphenols	7.36	107	410118	32.392	ng	100
22) Acetophenone	7.37	105	528457	30.531	ng	# 94
24) Nitrobenzene	7.55	77	408755	36.051	ng	98
25) Isophorone	7.78	82	747535	33.436	ng	97
26) 2-Nitrophenol	7.86	139	184267	43.756	ng	99
27) 2,4-Dimethylphenol	7.89	122	359570	37.542	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	474328	35.037	ng	99
29) 2,4-Dichlorophenol	8.10	162	310500	35.634	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	314628	31.131	ng	99
31) Naphthalene	8.27	128	1093045	32.128	ng	100
32) Benzoic acid	7.89	122	359570	52.132	ng	# 14
33) 4-Chloroaniline	8.32	127	139806	9.795	ng	98
34) Hexachlorobutadiene	8.39	225	169686	30.623	ng	99
36) 4-Chloro-3-methylphenol	8.79	107	341486	35.549	ng	98
37) 2-Methylnaphthalene	8.96	142	720302	33.386	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	283686	31.455	ng	99
40) Hexachlorocyclopentadiene	9.12	237	352097	75.659	ng	98
42) 2,4,6-Trichlorophenol	9.23	196	211026	36.581	ng	99

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

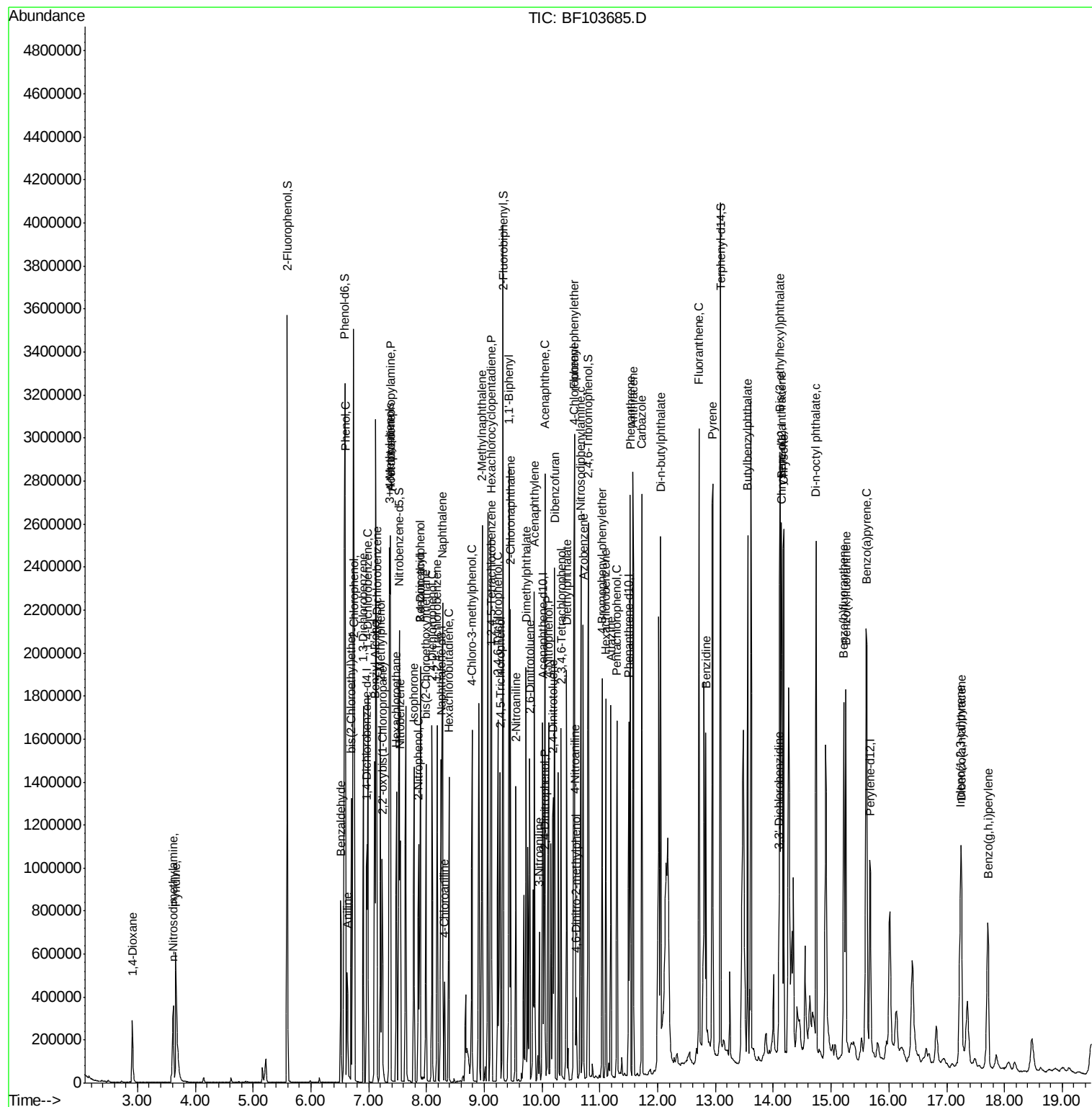
43) 2,4,5-Trichlorophenol	9.27	196	223179	34.277	ng	96
45) 1,1'-Biphenyl	9.43	154	828415	31.426	ng	99
46) 2-Chloronaphthalene	9.45	162	656820	31.371	ng	99
47) 2-Nitroaniline	9.55	65	209082	39.568	ng	95
48) Acenaphthylene	9.87	152	1021516	31.463	ng	100
49) Dimethylphthalate	9.72	163	778599	32.281	ng	100
50) 2,6-Dinitrotoluene	9.79	165	170459	37.486	ng	97
51) Acenaphthene	10.04	154	603689	31.315	ng	99
52) 3-Nitroaniline	9.96	138	109187	21.789	ng	97
53) 2,4-Dinitrophenol	10.06	184	20821	29.711	ng	# 35
54) Dibenzofuran	10.22	168	917159	33.311	ng	99
55) 4-Nitrophenol	10.11	139	322873	73.545	ng	96
56) 2,4-Dinitrotoluene	10.19	165	229617	40.031	ng	94
57) Fluorene	10.56	166	700599	32.792	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	171591	37.192	ng	99
59) Diethylphthalate	10.43	149	777948	32.497	ng	99
60) 4-Chlorophenyl-phenylether	10.54	204	319036	32.674	ng	99
61) 4-Nitroaniline	10.57	138	190680	36.412	ng	98
62) Azobenzene	10.71	77	800221	32.879	ng	96
64) 4,6-Dinitro-2-methylphenol	10.59	198	35475	24.491	ng	98
65) n-Nitrosodiphenylamine	10.67	169	633209	32.361	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	195175	33.068	ng	95
67) Hexachlorobenzene	11.10	284	212166	31.495	ng	96
68) Atrazine	11.19	200	201339	33.263	ng	98
69) Pentachlorophenol	11.30	266	169253	43.702	ng	96
70) Phenanthrene	11.53	178	1022937	32.530	ng	99
71) Anthracene	11.57	178	1061184	33.226	ng	99
72) Carbazole	11.73	167	1007990	32.471	ng	99
73) Di-n-butylphthalate	12.06	149	1248430	33.517	ng	99
74) Fluoranthene	12.72	202	1082800	33.424	ng	100
76) Benzdine	12.83	184	478068	24.442	ng	99
77) Pyrene	12.95	202	1101582	32.708	ng	99
79) Butylbenzylphthalate	13.56	149	548005	36.726	ng	95
80) Benzo(a)anthracene	14.14	228	949291	32.702	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	86171	8.874	ng	97
82) Chrysene	14.18	228	891300	32.210	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	757459	35.534	ng	98
84) Di-n-octyl phthalate	14.74	149	1195888	38.562	ng	99
85) Indeno(1,2,3-cd)pyrene	17.24	276	695647	28.786	ng	98
87) Benzo(b)fluoranthene	15.22	252	807394	35.303	ng	98
88) Benzo(k)fluoranthene	15.26	252	733023	33.343	ng	99
89) Benzo(a)pyrene	15.61	252	694950	33.502	ng	# 96
90) Dibenzo(a,h)anthracene	17.26	278	581936	32.399	ng	98
91) Benzo(g,h,i)perylene	17.72	276	586888	33.586	ng	95

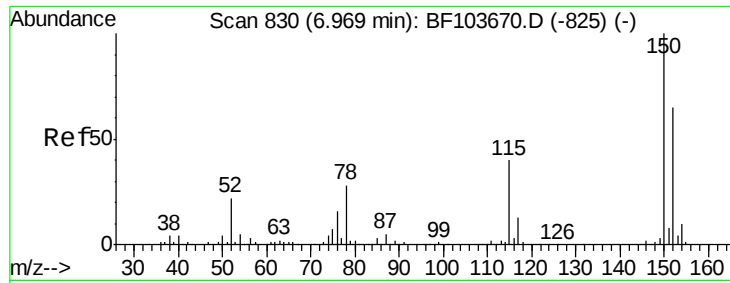
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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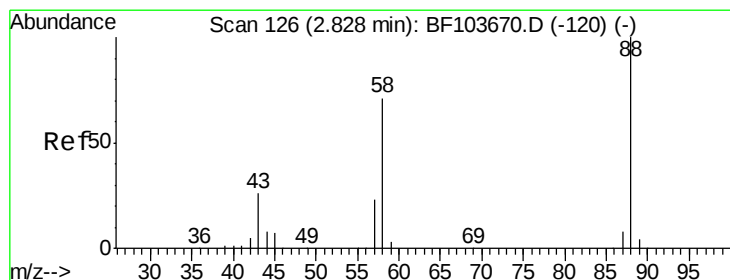
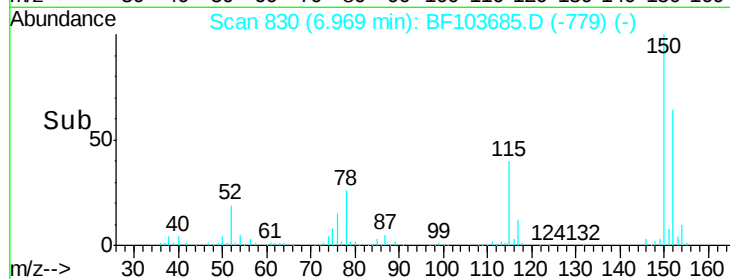
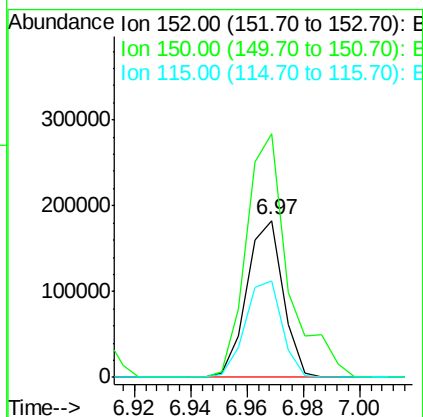
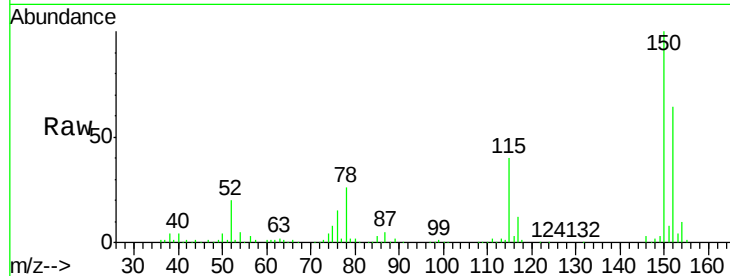


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :

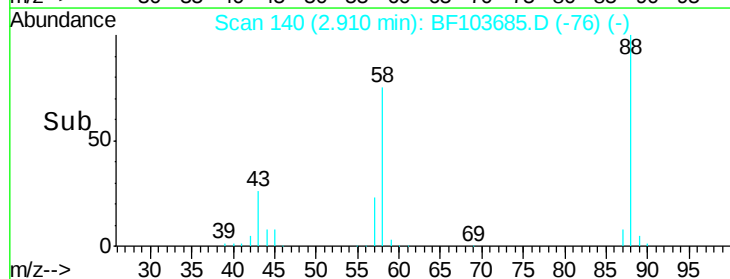
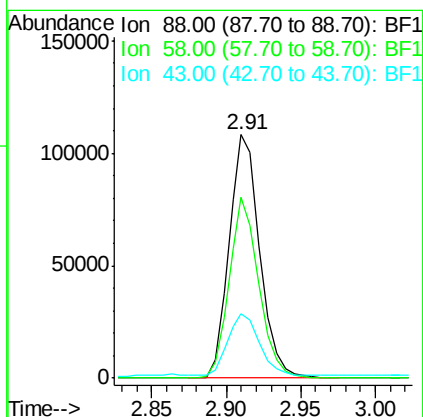
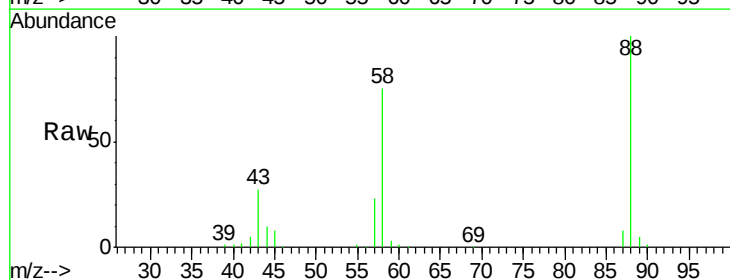
Tot Ion:152 Resp: 162662
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.8 50.1 75.1

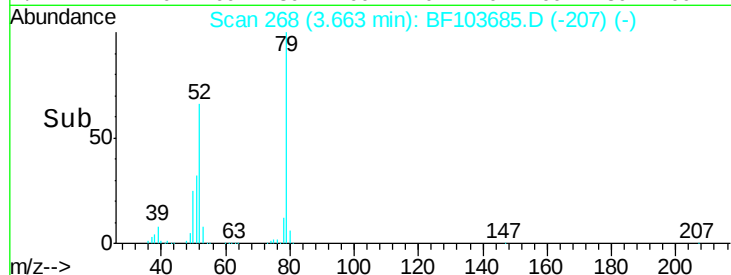
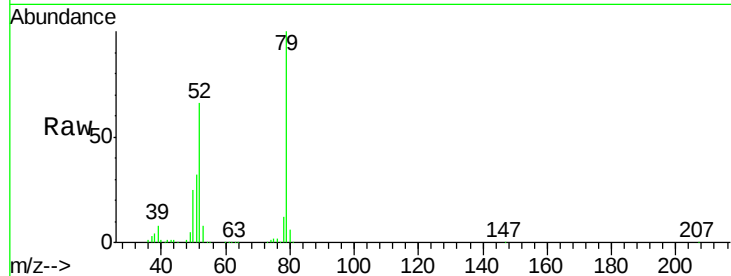
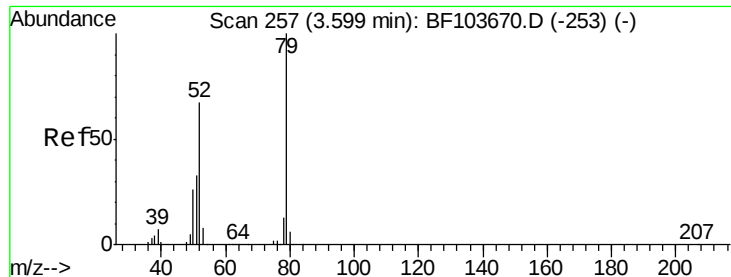


#2

1,4-Dioxane
Concen: 29.463 ng
RT: 2.91 min Scan# 140
Delta R.T. 0.08 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion: 88 Resp: 155153
Ion Ratio Lower Upper
88 100
58 71.9 62.6 93.8
43 26.6 24.6 37.0

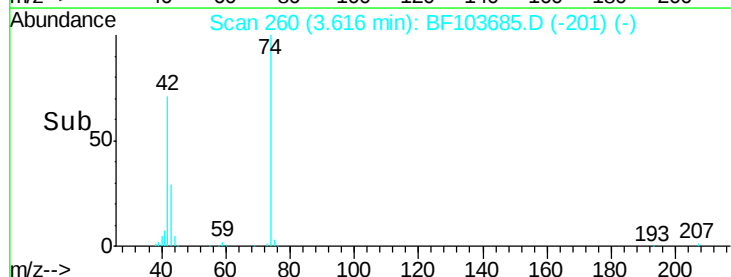
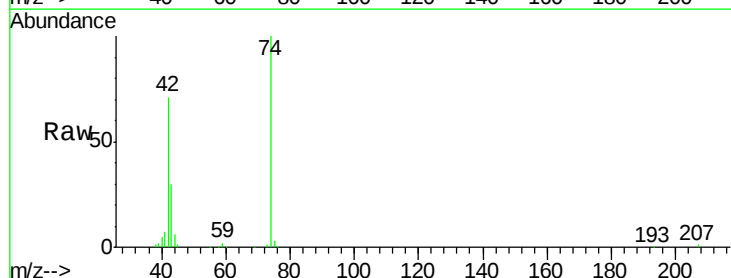
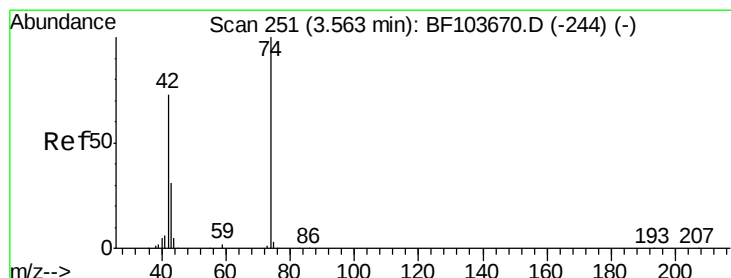
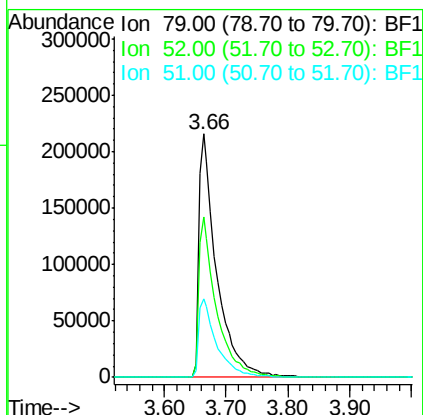




#3
 Pvridine
 Concen: 29.962 ng
 RT: 3.66 min Scan# 268
 Delta R.T. 0.06 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

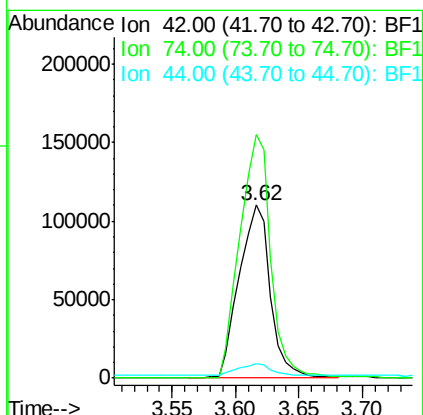
Instrument :
 BNA_F
 ClientSampled :

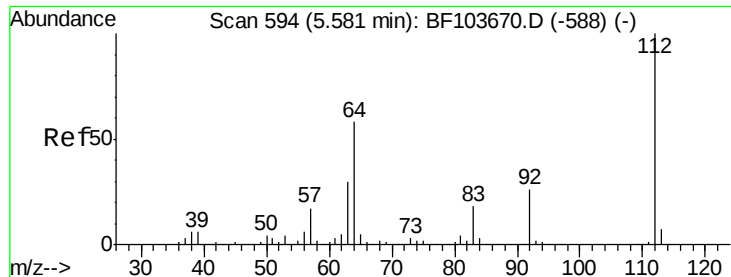
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.7	59.8	89.6
51	32.0	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 35.285 ng
 RT: 3.62 min Scan# 260
 Delta R.T. 0.05 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.8	104.9	157.3
44	8.3	6.9	10.3





#5

2-Fluorophenol

Concen: 106.290 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :

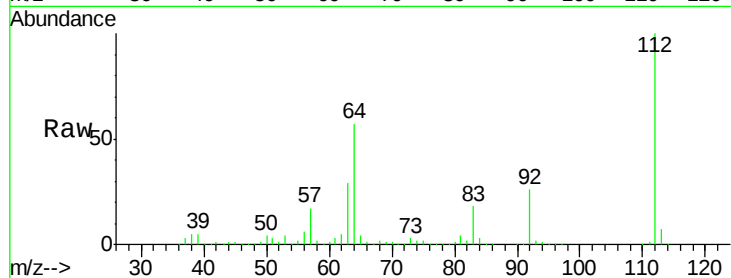
Tot Ion:112 Resp: 1136711

Ion Ratio Lower Upper

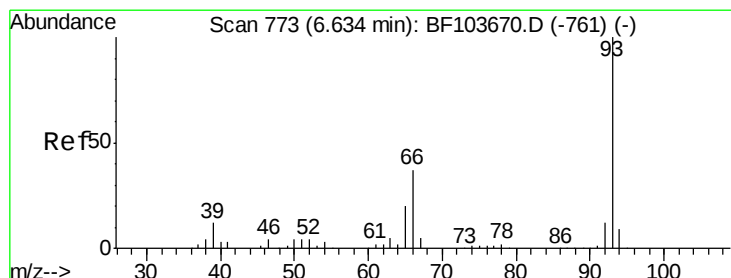
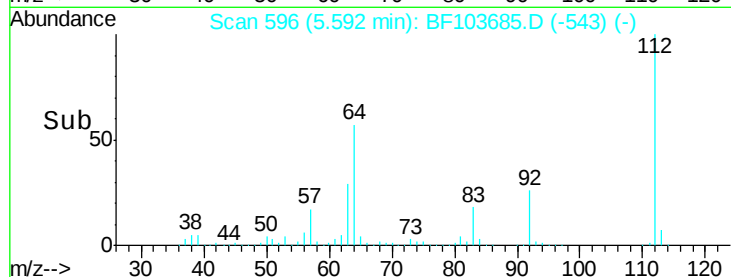
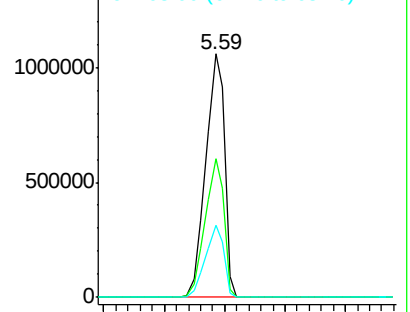
112 100

64 57.1 47.9 71.9

63 29.5 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: 12.932 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

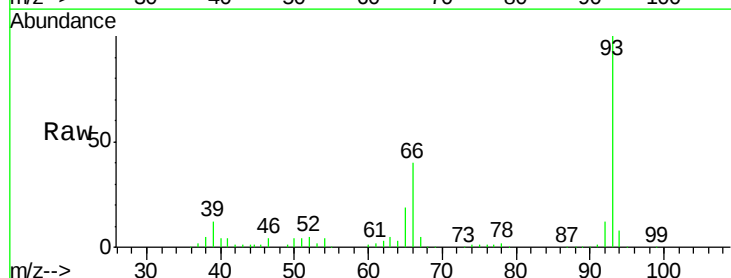
Tgt Ion: 93 Resp: 241600

Ion Ratio Lower Upper

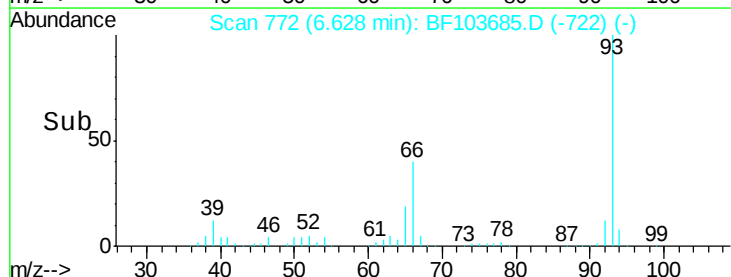
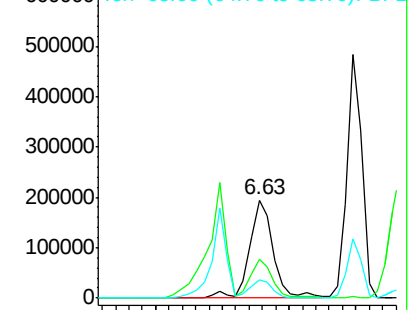
93 100

66 40.0 32.2 48.2

65 19.3 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: 106.525 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

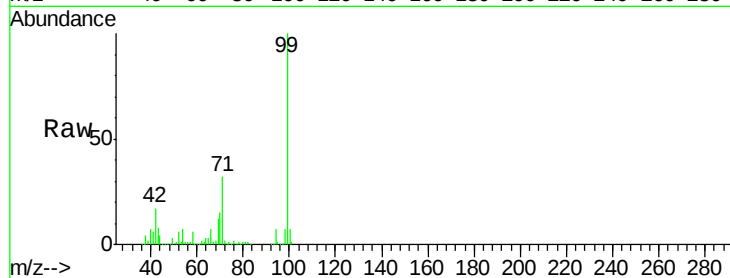
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1393757

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	32.0	25.4	38.0

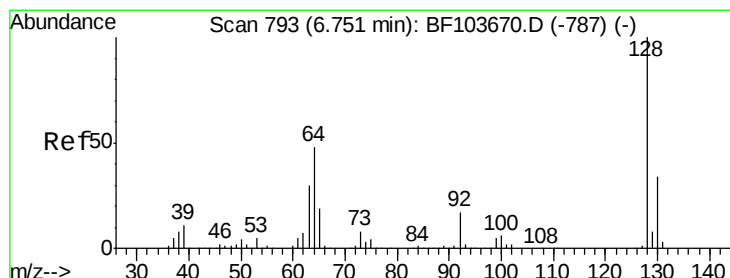
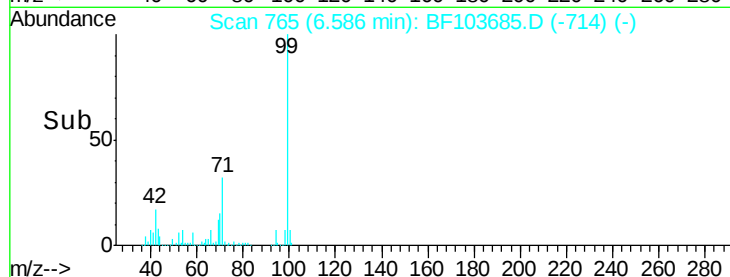
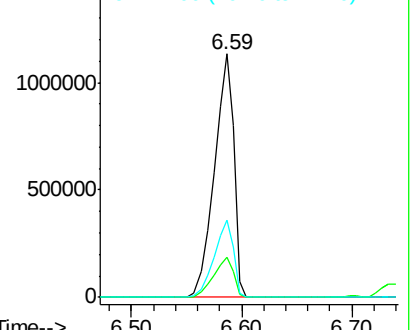


Abundance

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: 34.299 ng

RT: 6.75 min Scan# 793

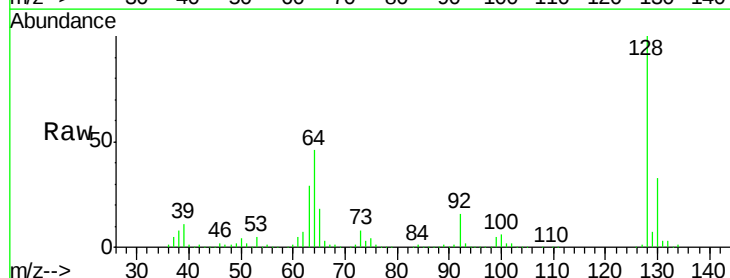
Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion: 128 Resp: 384252

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	46.3	29.4	69.4

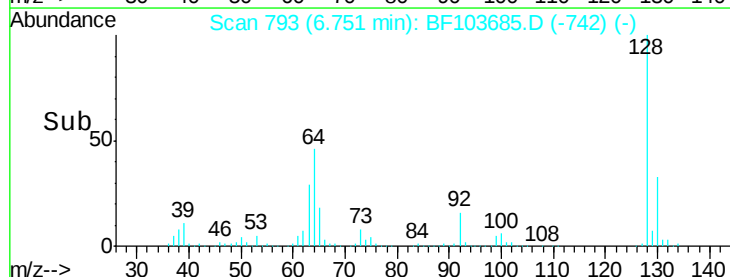
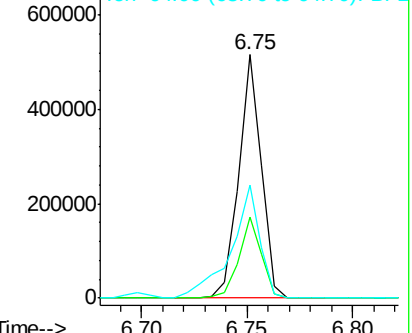


Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

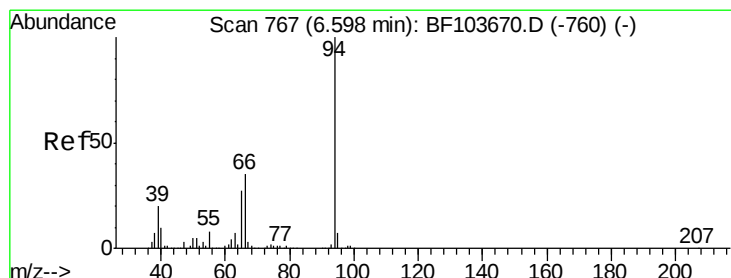
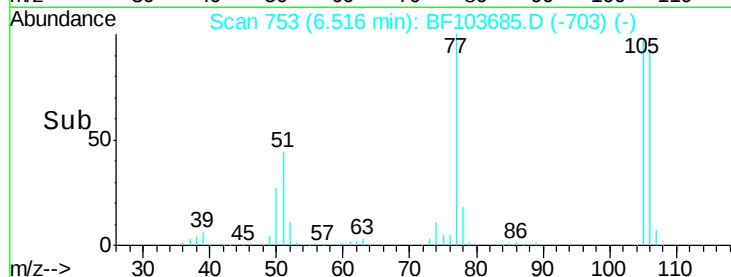
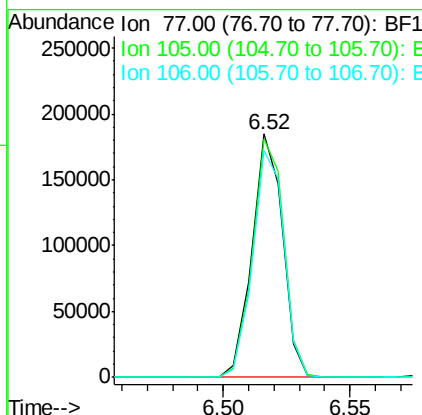
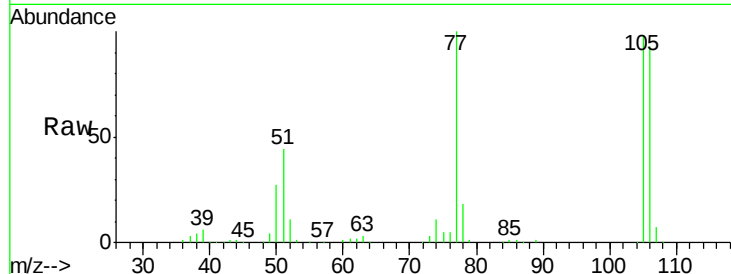




#9
Benzaldehyde
Concen: 18.142 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

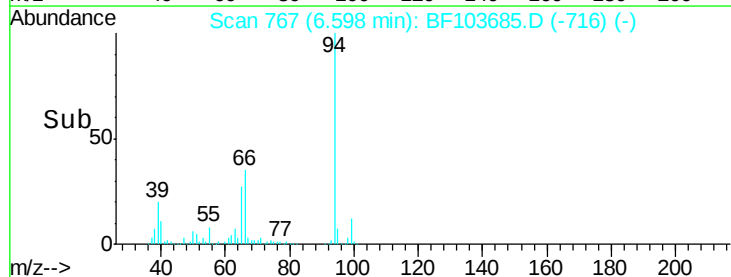
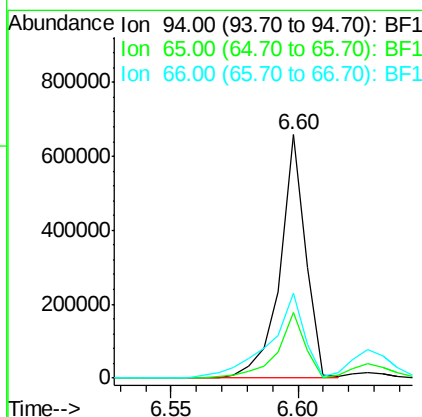
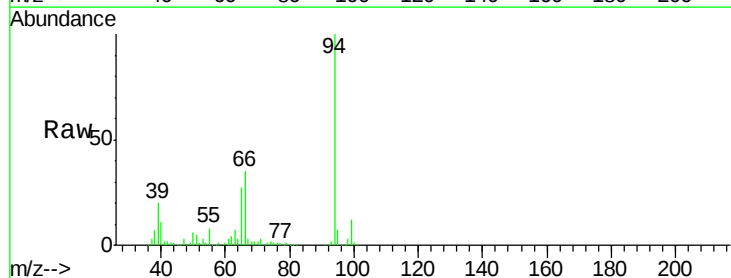
Instrument :
BNA_F
ClientSampled :

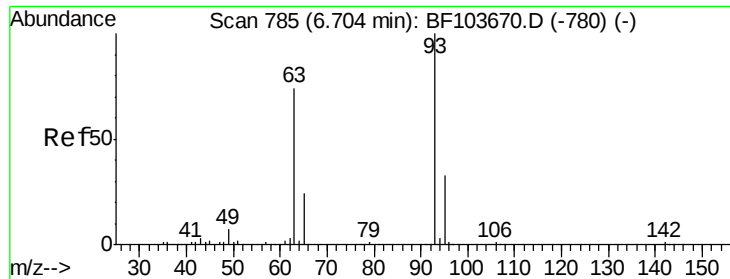
Tot Ion: 77 Resp: 155945
Ion Ratio Lower Upper
77 100
105 97.9 81.1 121.1
106 93.2 74.5 114.5



#10
Phenol
Concen: 33.688 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion: 94 Resp: 468361
Ion Ratio Lower Upper
94 100
65 26.9 7.9 47.9
66 34.9 16.2 56.2

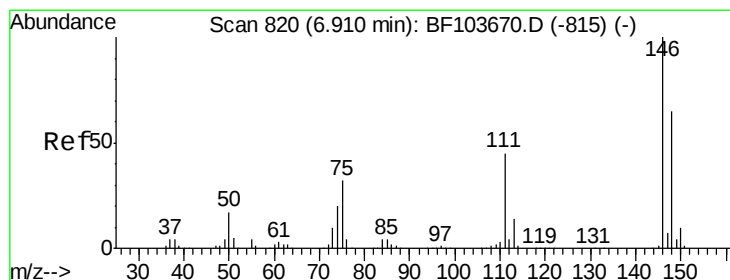
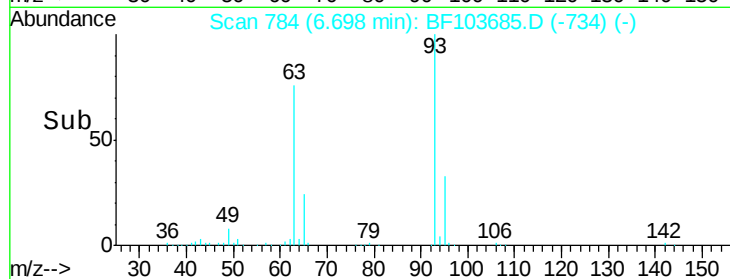
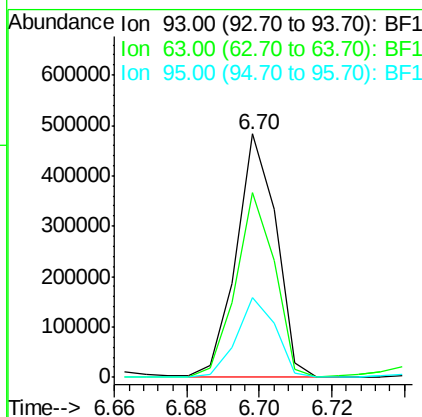
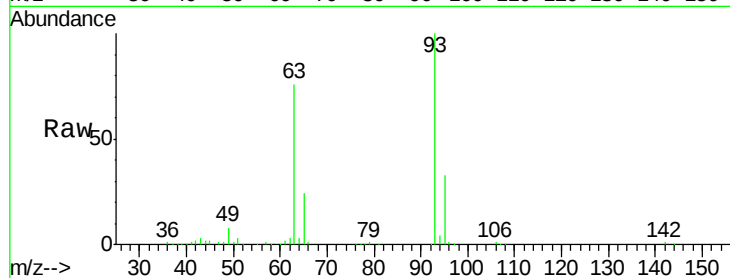




#11
bis(2-Chloroethyl)ether
Concen: 32.313 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

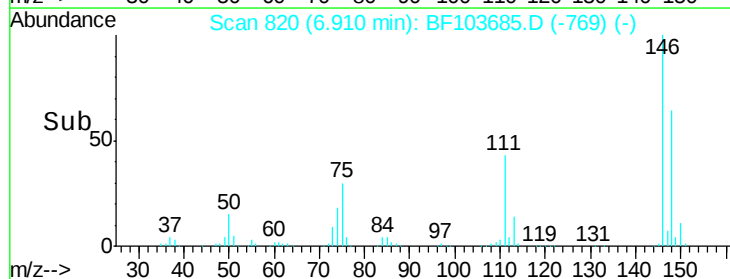
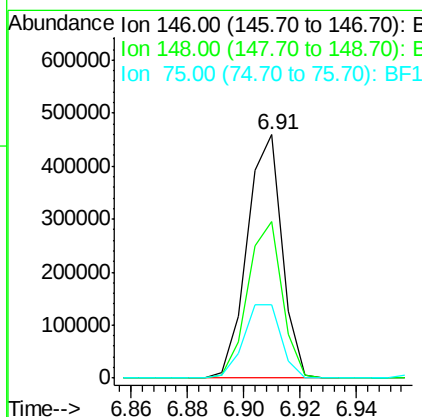
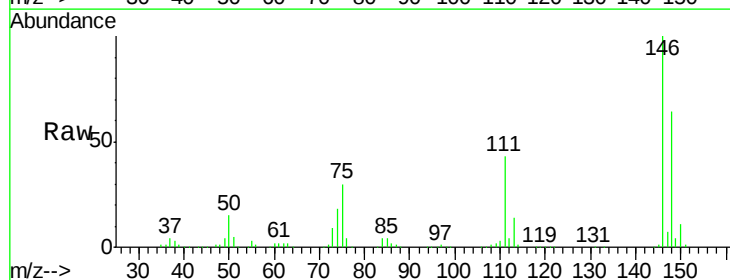
Instrument :
BNA_F
ClientSampleId :

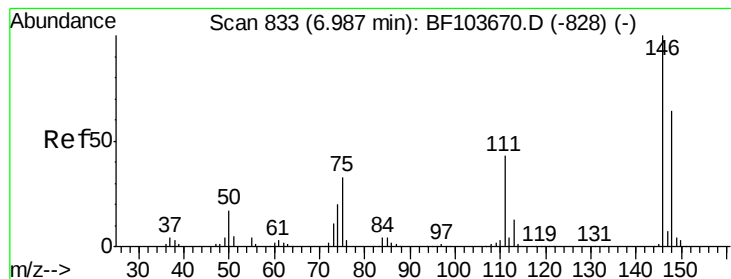
Tot Ion: 93 Resp: 370865
Ion Ratio Lower Upper
93 100
63 76.0 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 30.741 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion: 146 Resp: 392240
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 30.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 31.071 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

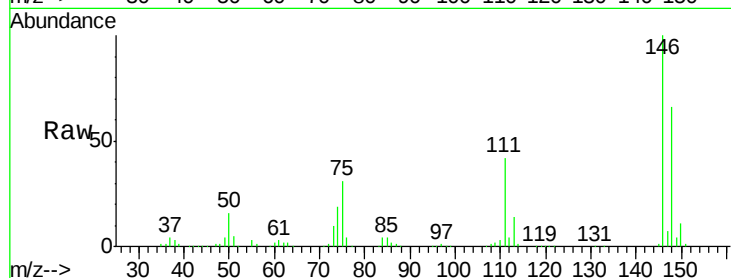
Tot Ion:146 Resp: 398389

Ion Ratio Lower Upper

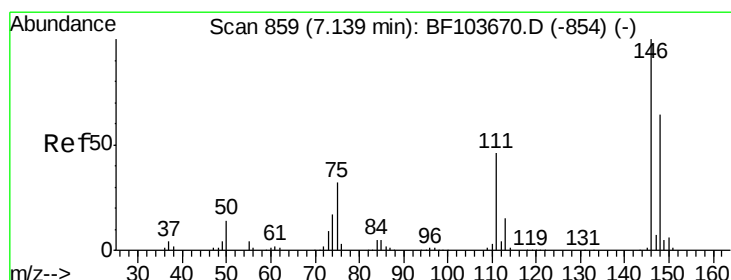
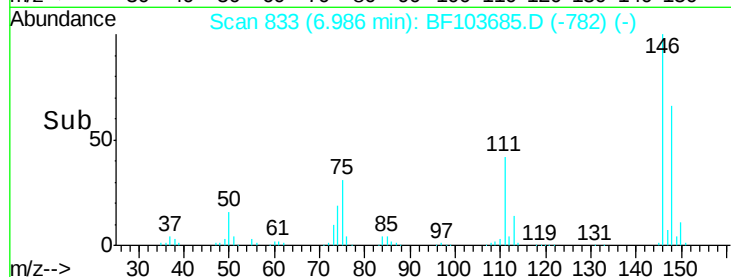
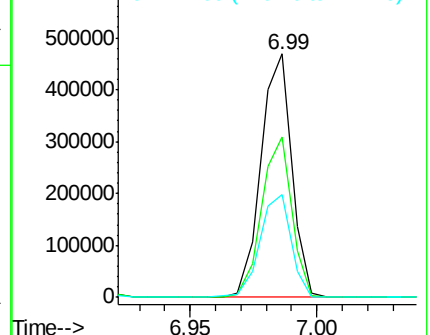
146 100

148 65.6 50.8 76.2

111 42.3 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 31.194 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

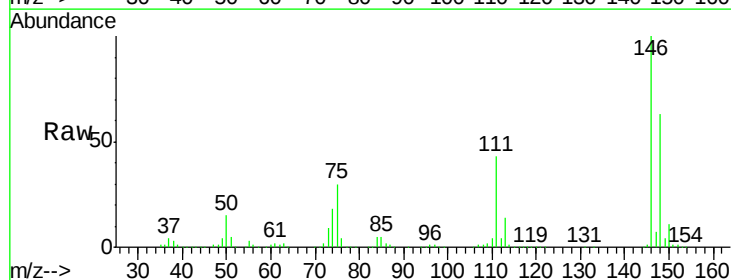
Tgt Ion:146 Resp: 371142

Ion Ratio Lower Upper

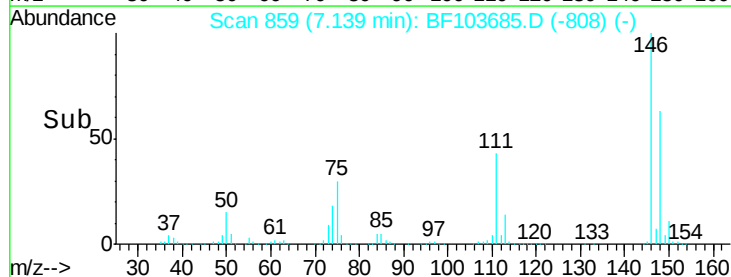
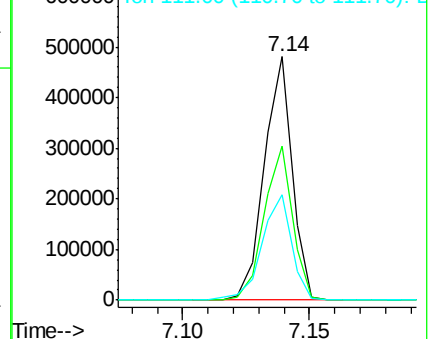
146 100

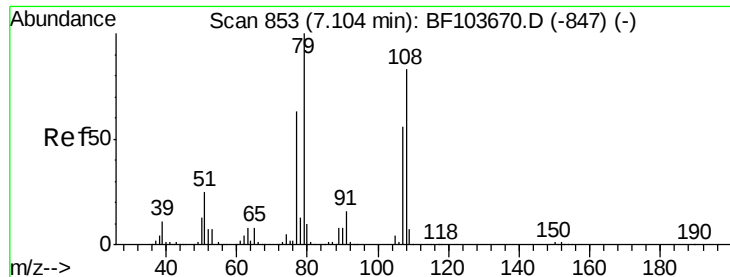
148 63.4 50.6 75.8

111 43.3 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 33.468 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampled :

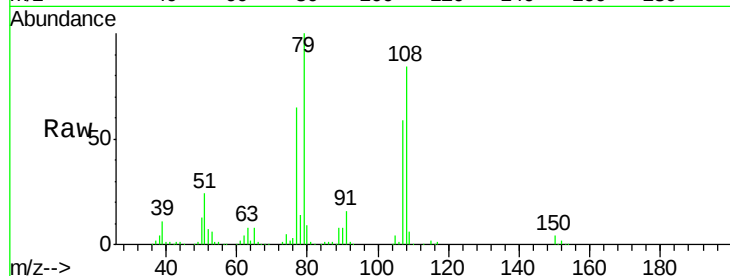
Tot Ion: 79 Resp: 339279

Ion Ratio Lower Upper

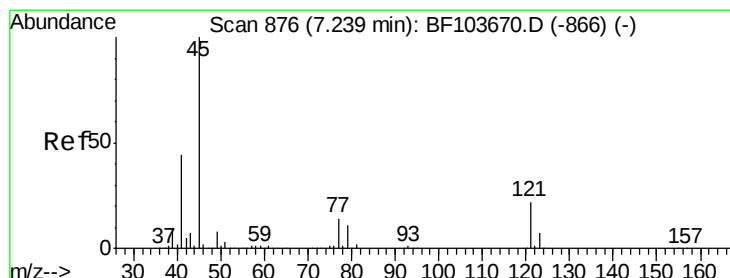
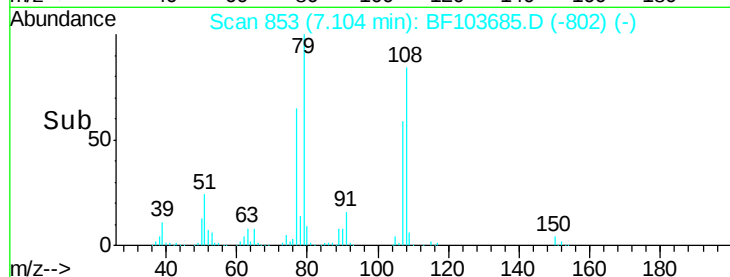
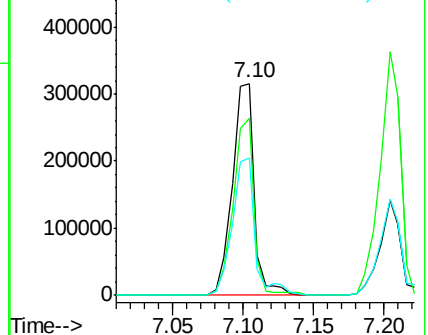
79 100

108 83.7 65.1 97.7

77 64.9 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.831 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

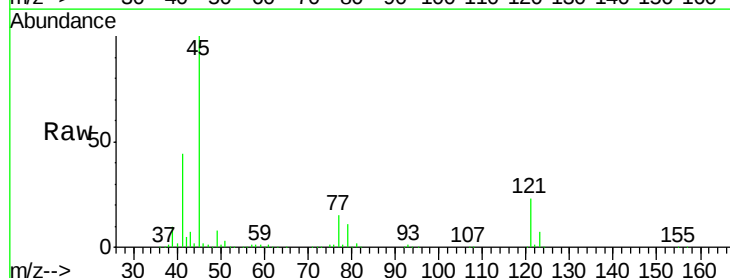
Tgt Ion: 45 Resp: 519614

Ion Ratio Lower Upper

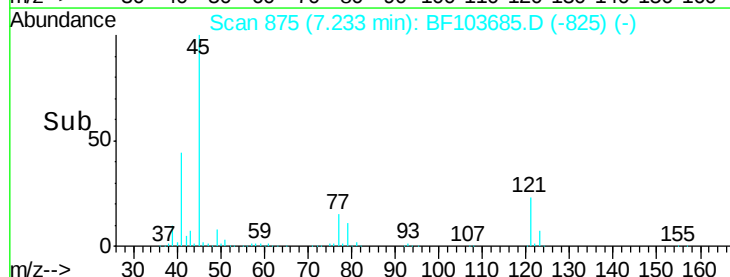
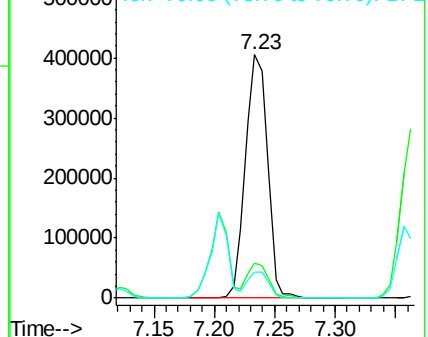
45 100

77 14.5 0.0 32.9

79 10.8 0.0 29.6



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





#17

2-Methylphenol

Concen: 32.451 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 323749

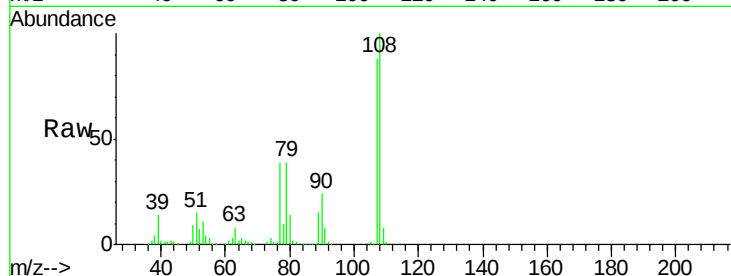
Ion Ratio Lower Upper

107 100

108 113.2 91.7 137.5

77 44.6 33.8 50.8

79 44.0 33.8 50.8

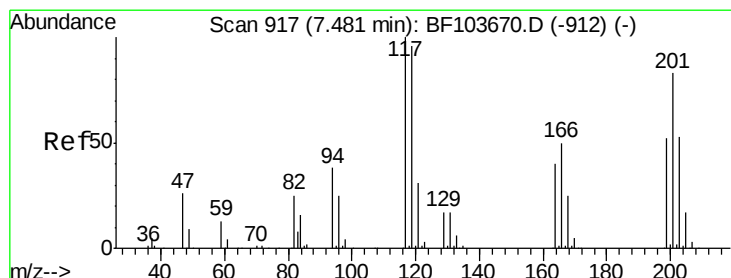
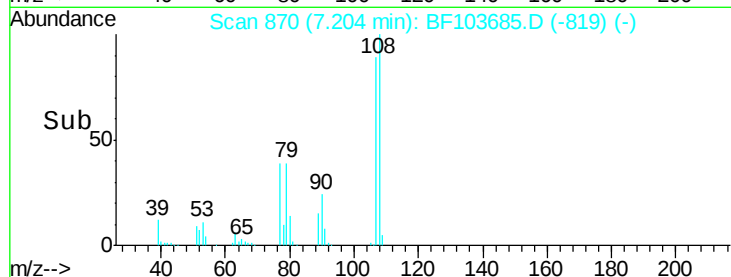
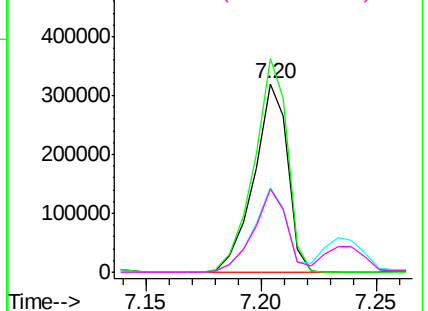


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.256 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

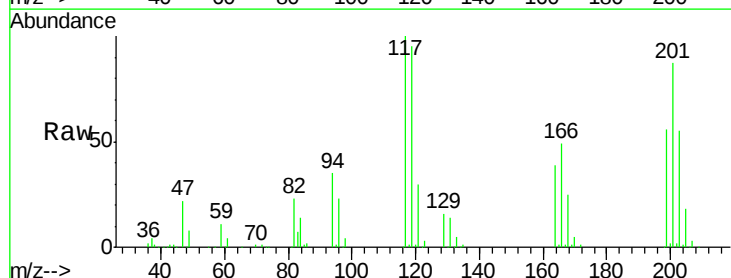
Tgt Ion:117 Resp: 149988

Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.8

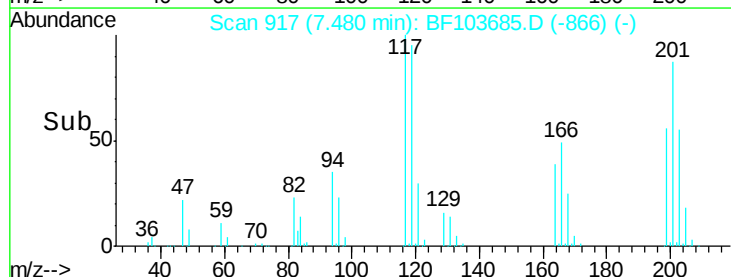
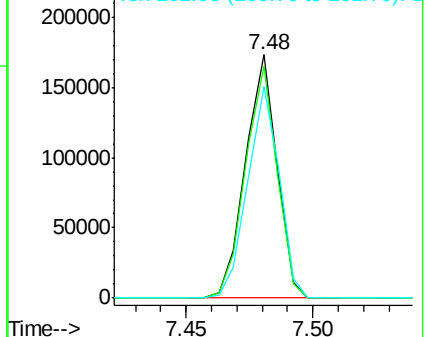
201 86.8 75.7 113.5

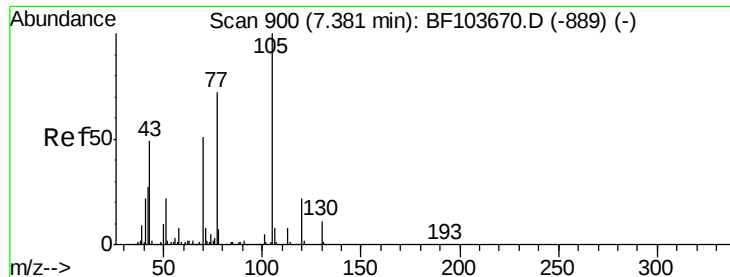


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

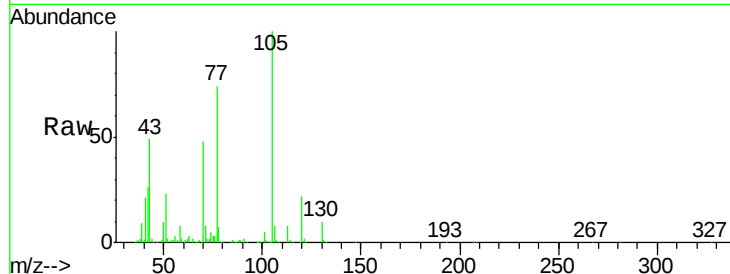




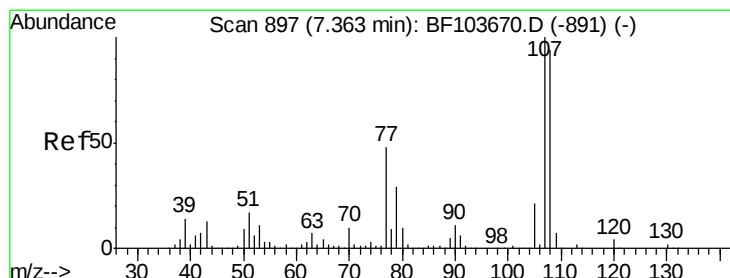
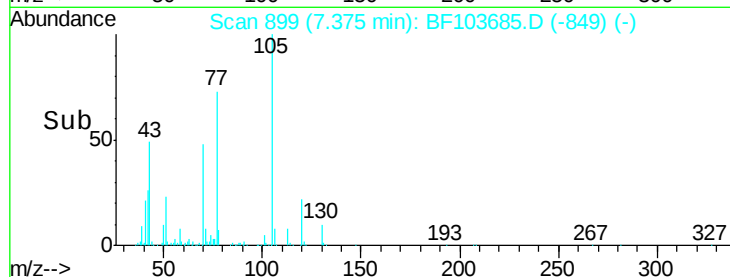
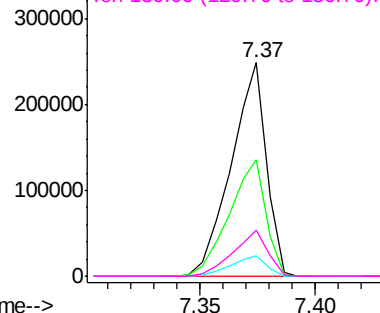
#19
n-Nitroso-di-n-propylamine
Concen: 31.411 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	263380
Ion	Ratio	Lower	Upper
70	100		
42	54.3	47.5	71.3
101	9.8	7.4	11.2
130	21.3	16.6	25.0

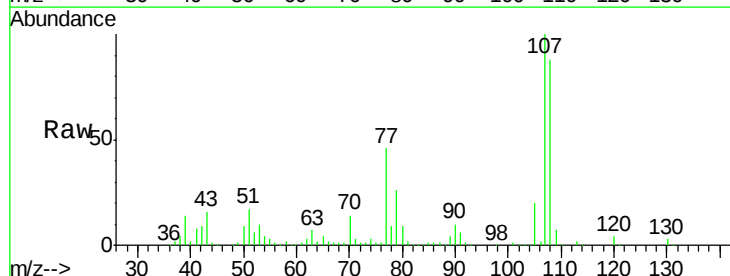


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

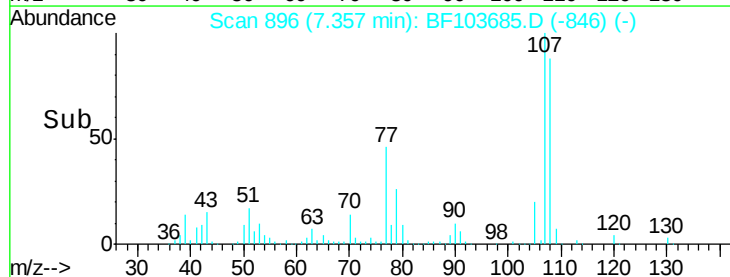
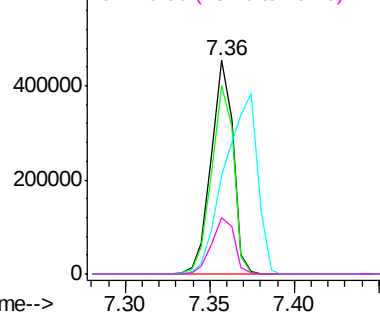


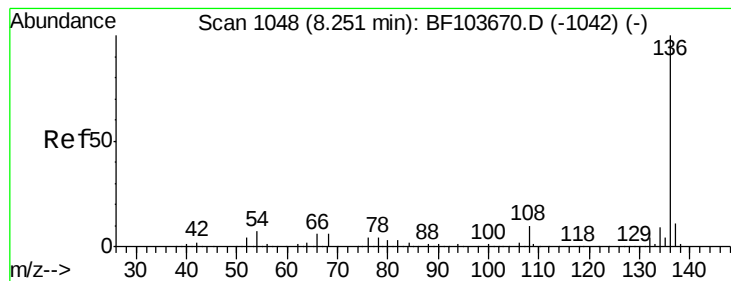
#20
3+4-Methylphenols
Concen: 32.392 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion:	107	Resp:	410118
Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	46.0	26.7	66.7
79	26.5	6.3	46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 673489

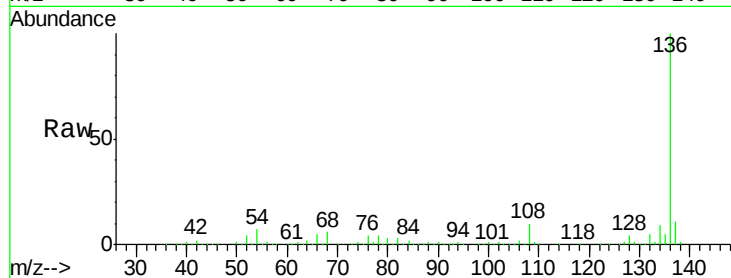
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.6 9.8

68 5.9 5.0 7.4

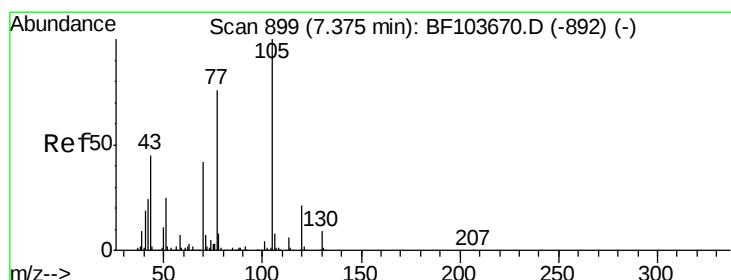
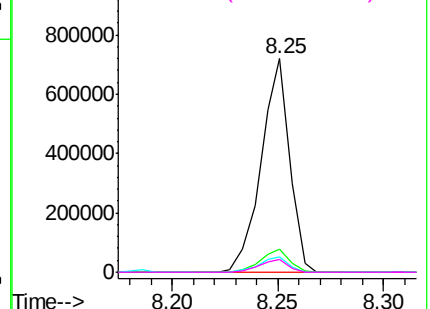
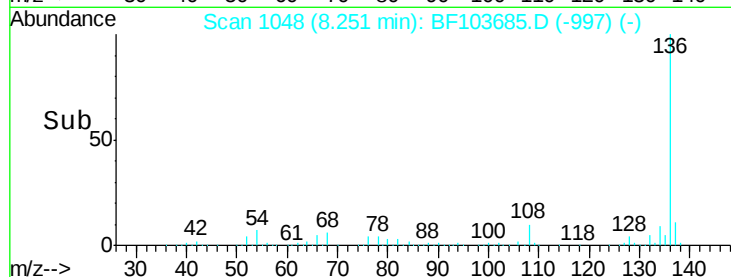


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.531 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:105 Resp: 528457

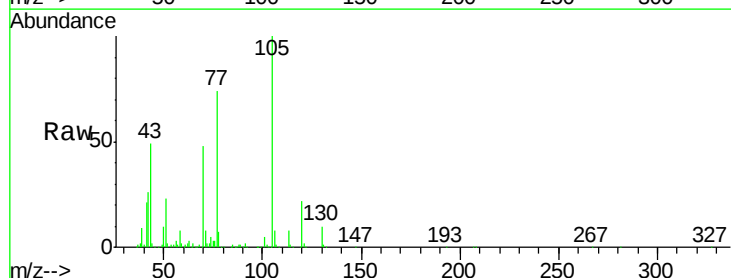
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 23.2 22.3 33.5

120 22.2 16.9 25.3

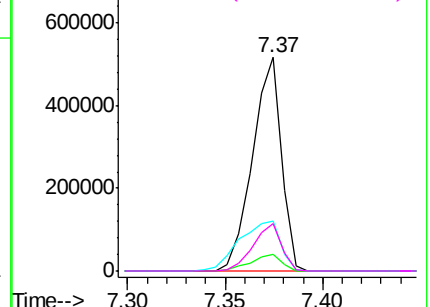
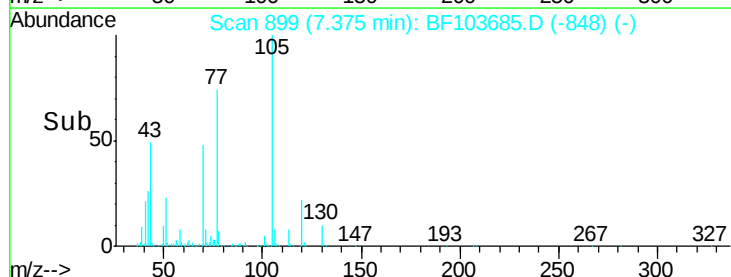


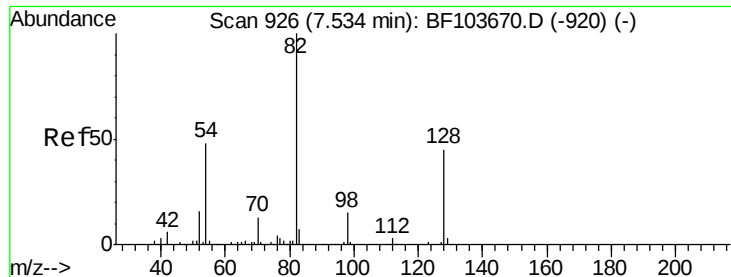
Abundance Ion 105.00 (104.70 to 105.70): E

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

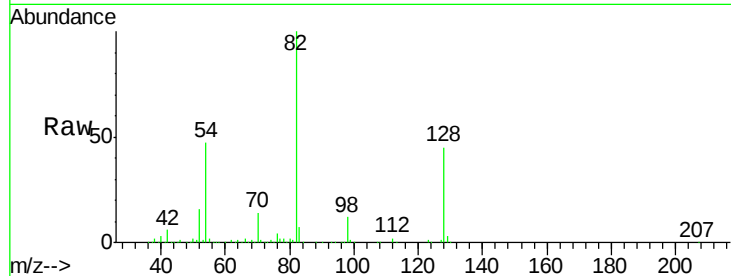




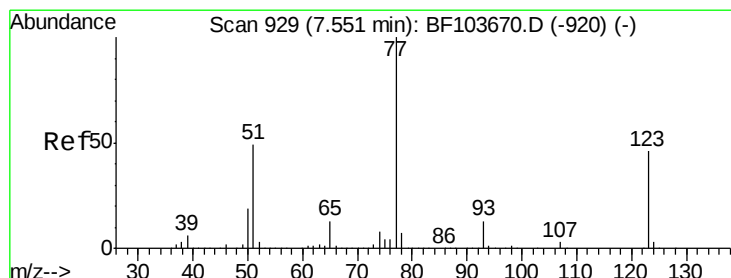
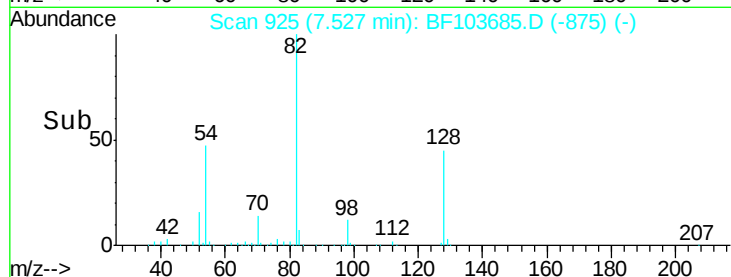
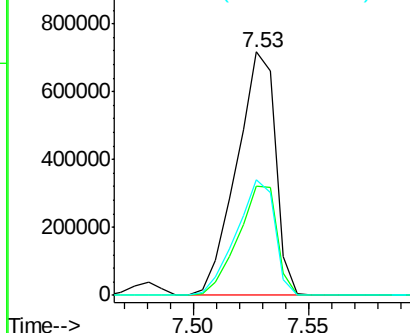
#23
Nitrobenzene-d5
Concen: 87.314 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	47.2	41.4	62.2

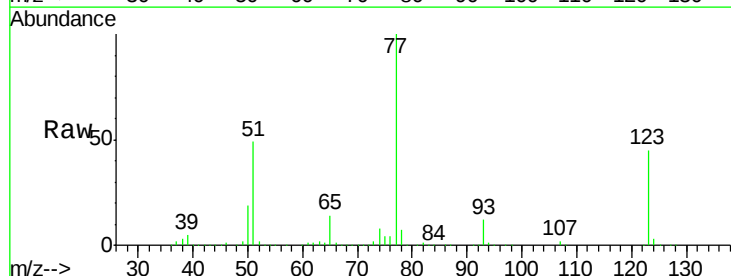


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

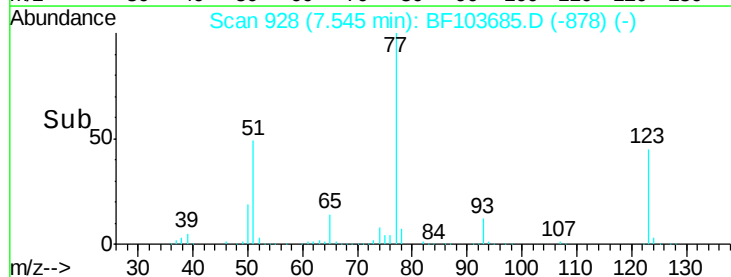
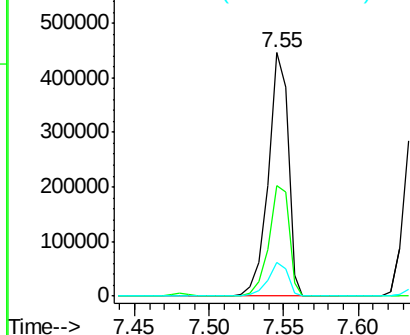


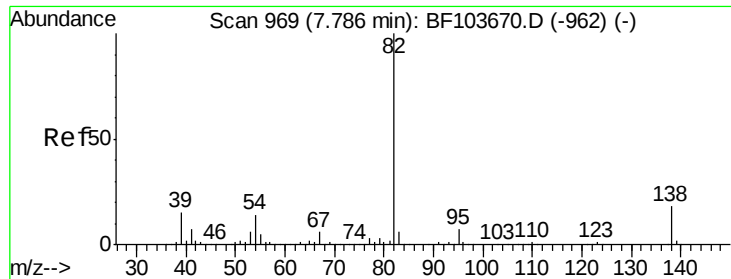
#24
Nitrobenzene
Concen: 36.051 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.9	56.9
65	13.6	11.0	16.4



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





#25

Isophorone

Concen: 33.436 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

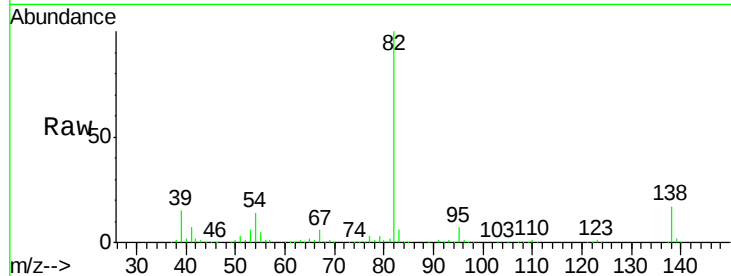
Tot Ion: 82 Resp: 747535

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

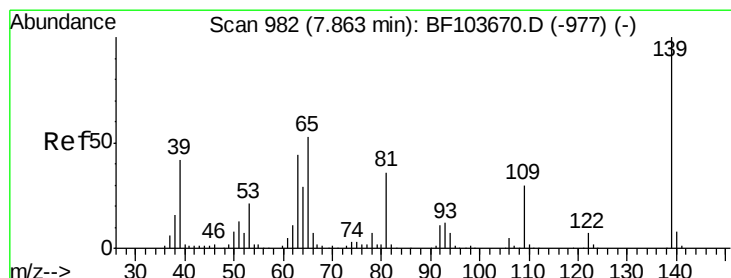
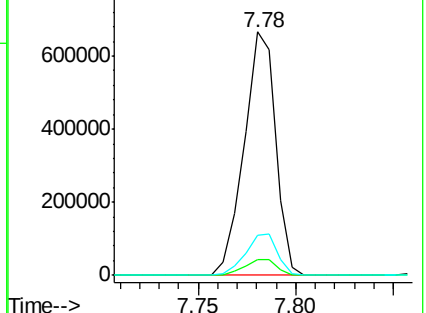
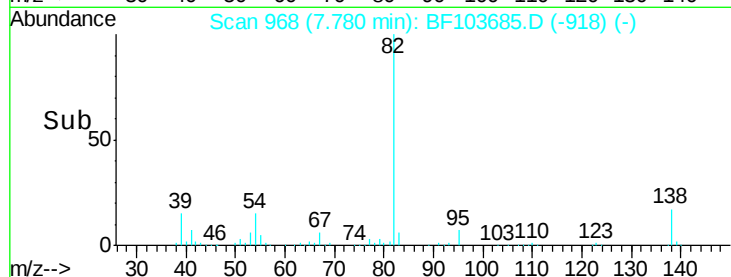
138 16.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.756 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

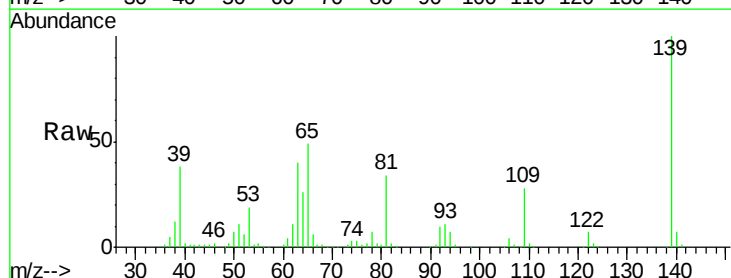
Tgt Ion: 139 Resp: 184267

Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

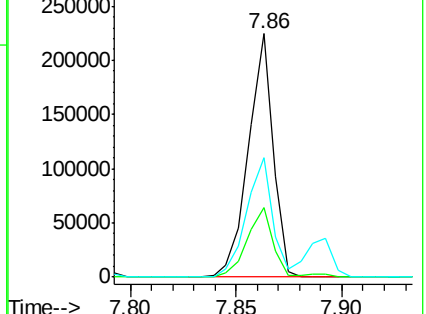
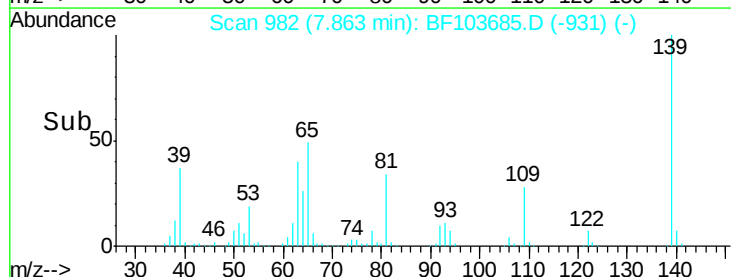
65 49.2 40.5 60.7

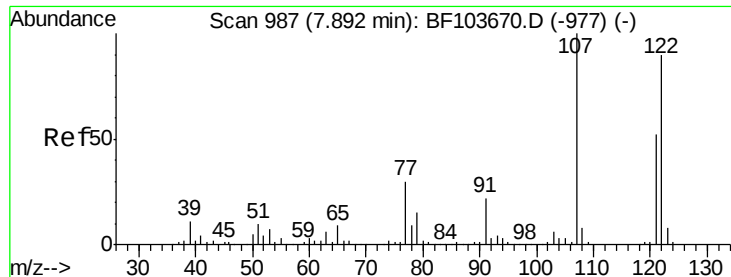


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

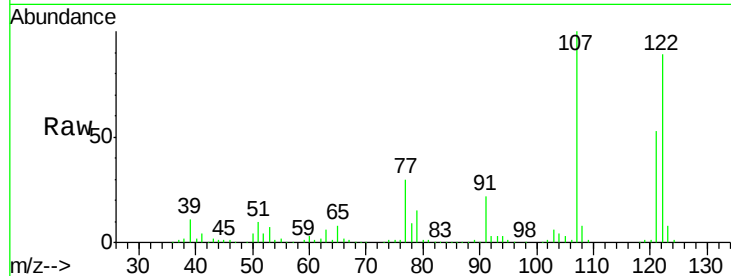




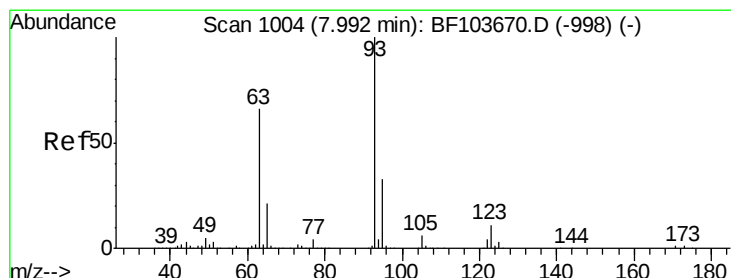
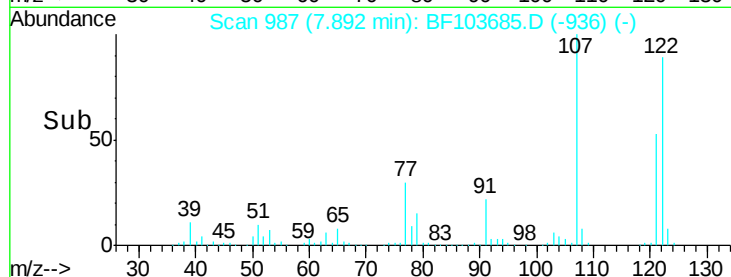
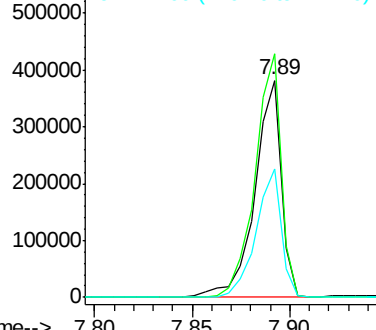
#27
 2,4-Dimethylphenol
 Concen: 37.542 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 359570
 Ion Ratio Lower Upper
 122 100
 107 112.1 91.2 136.8
 121 59.2 47.2 70.8

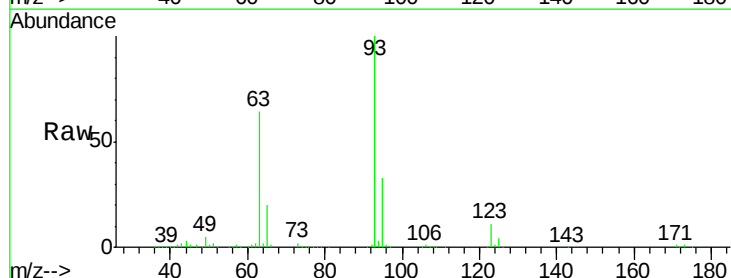


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

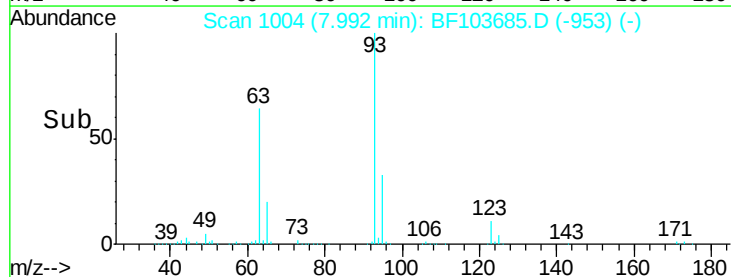
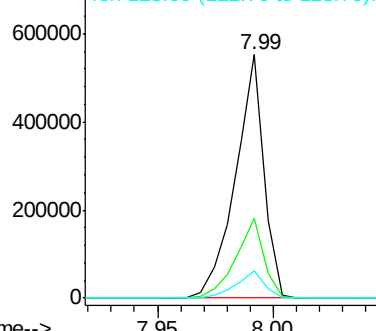


#28
 bis(2-Chloroethoxy)methane
 Concen: 35.037 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion: 93 Resp: 474328
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.1 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: 35.634 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

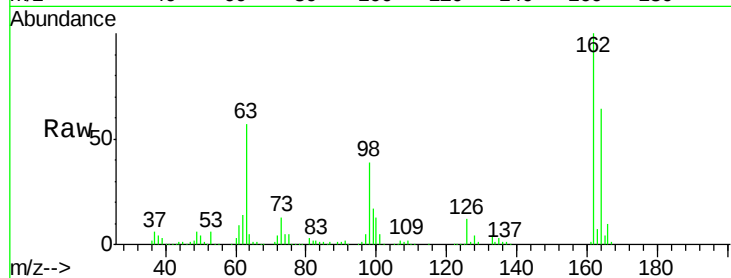
Tot Ion:162 Resp: 310500

Ion Ratio Lower Upper

162 100

164 64.3 42.7 82.7

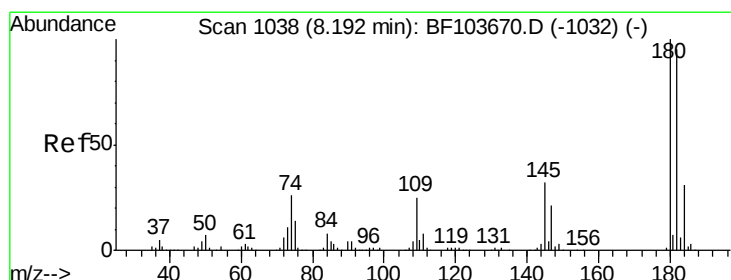
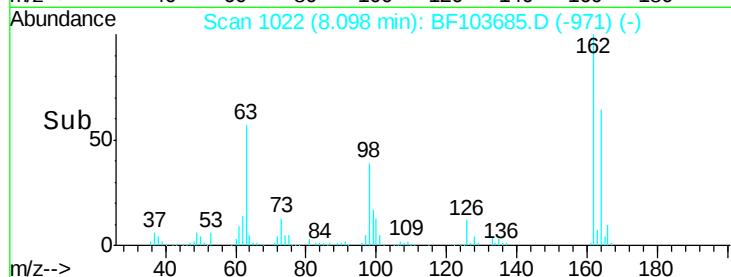
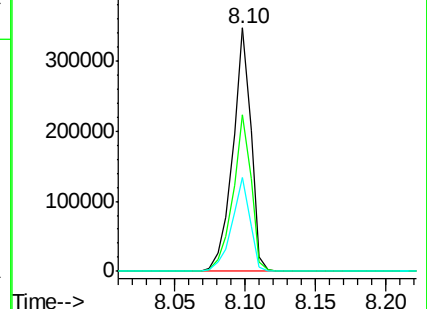
98 38.8 18.1 58.1



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: 31.131 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

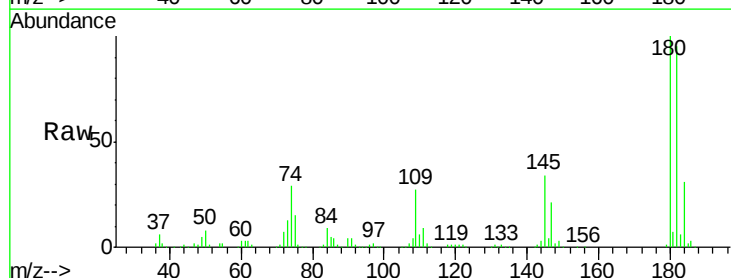
Tgt Ion:180 Resp: 314628

Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

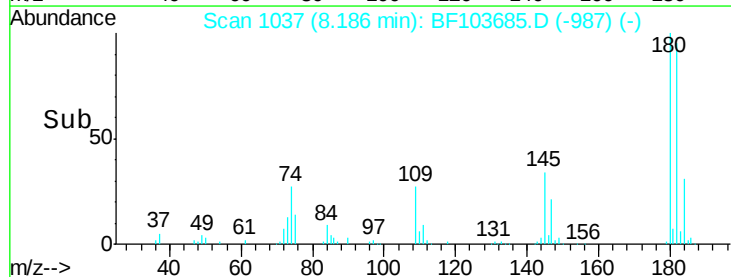
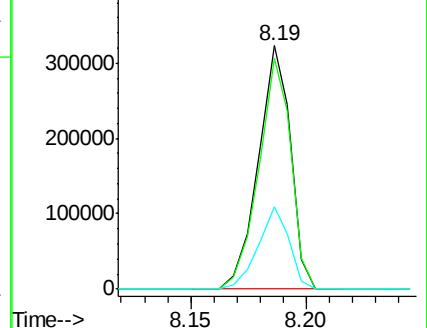
145 33.8 26.5 39.7

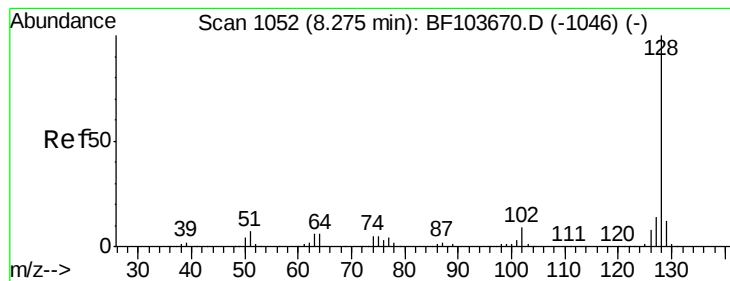


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.128 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

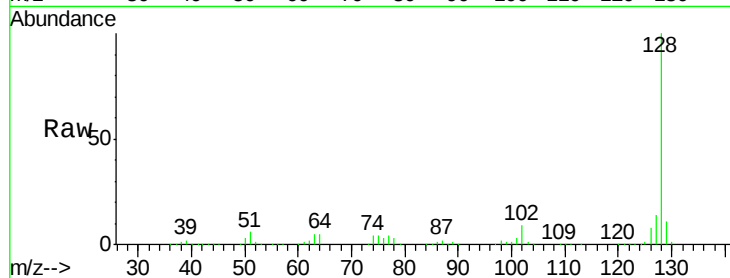
Tot Ion:128 Resp: 1093045

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

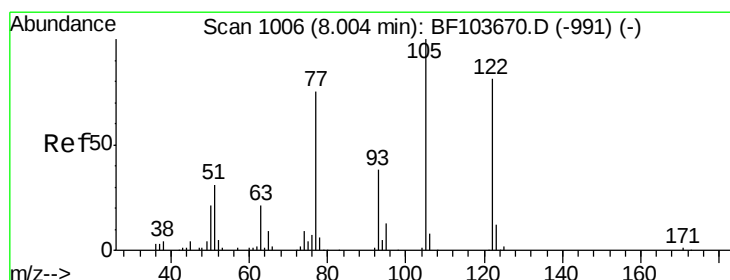
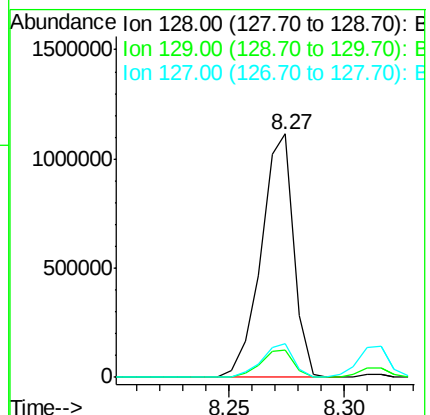
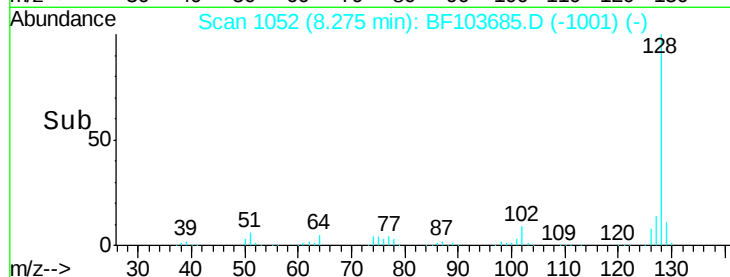
127 13.6 10.9 16.3



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: 52.132 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.11 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

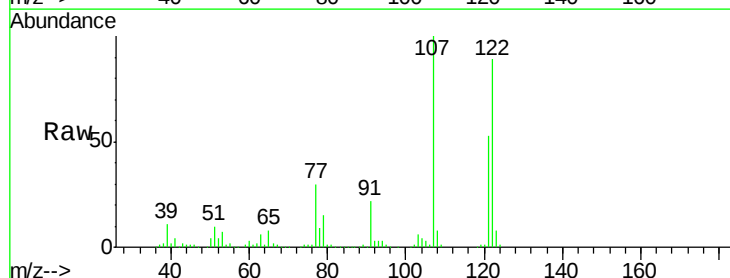
Tgt Ion:122 Resp: 359570

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

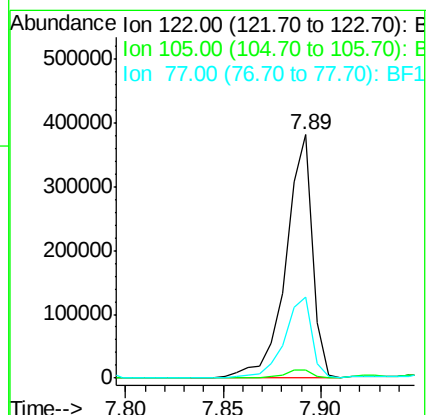
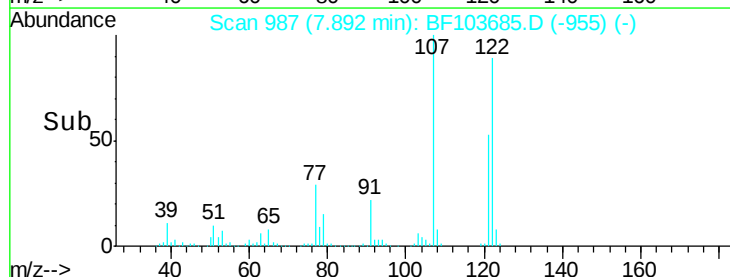
77 33.1 70.7 110.7#

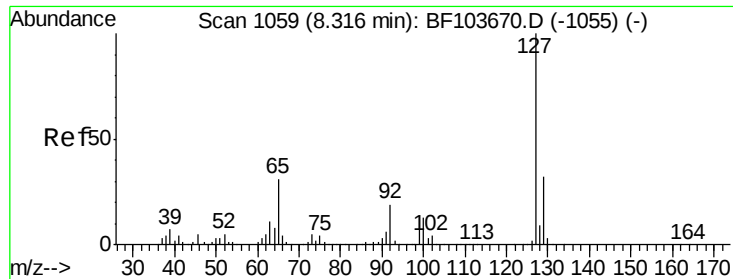


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

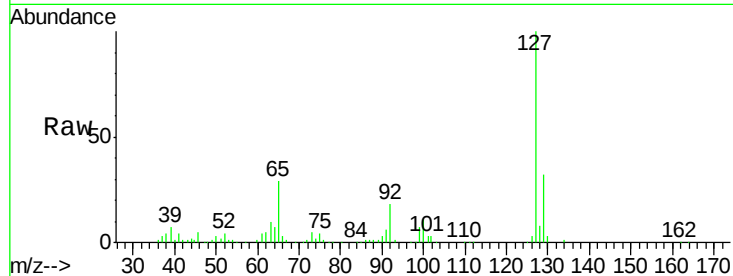




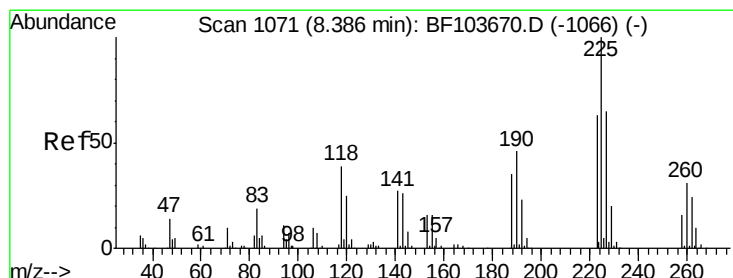
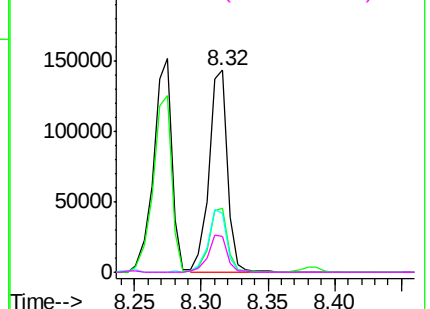
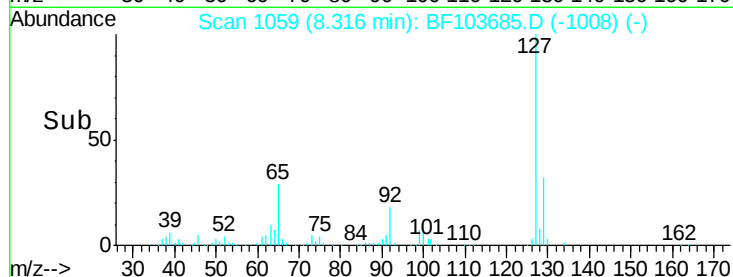
#33
4-Chloroaniline
Concen: 9.795 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	139806
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	29.0	25.0	37.4
92	18.0	15.2	22.8

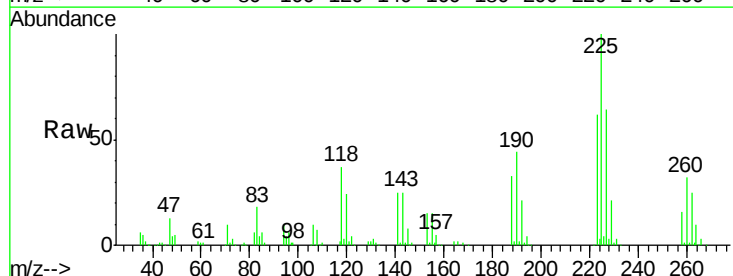


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

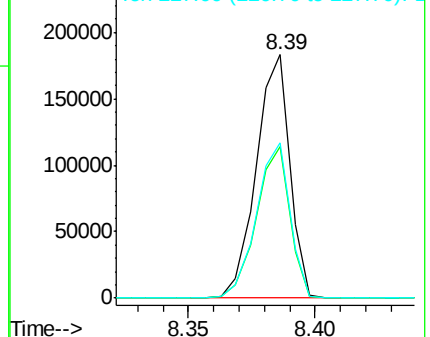
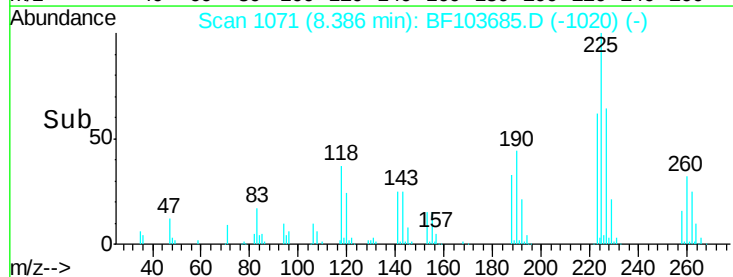


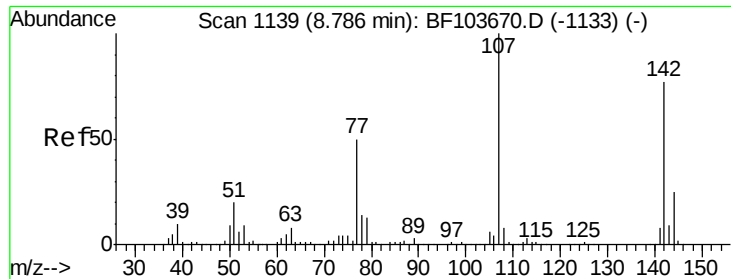
#34
Hexachlorobutadiene
Concen: 30.623 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion:	225	Resp:	169686
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	63.8	51.9	77.9



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

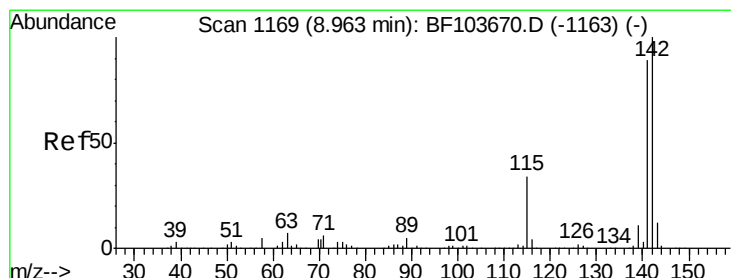
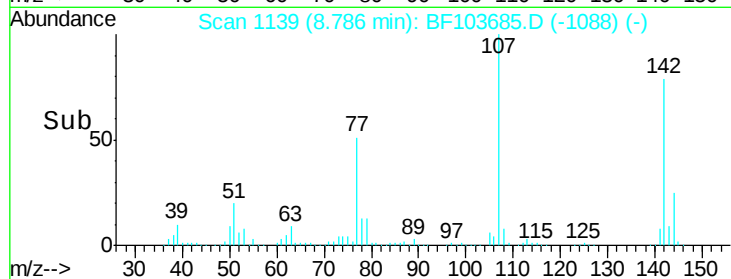
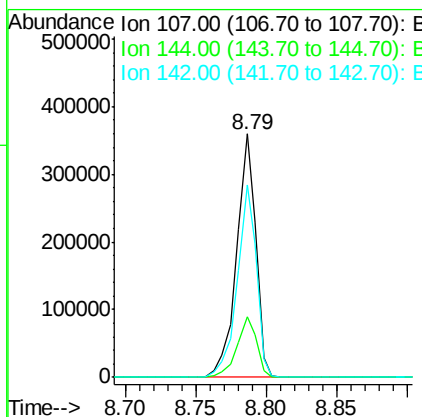
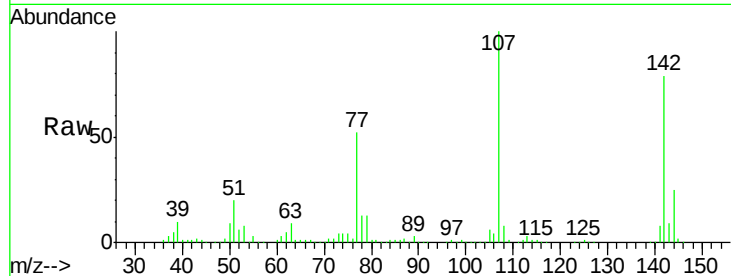




#36
 4-Chloro-3-methylphenol
 Concen: 35.549 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

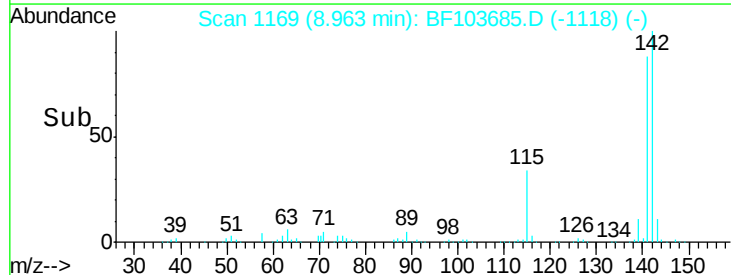
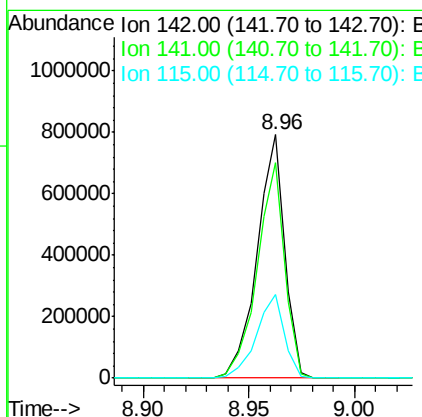
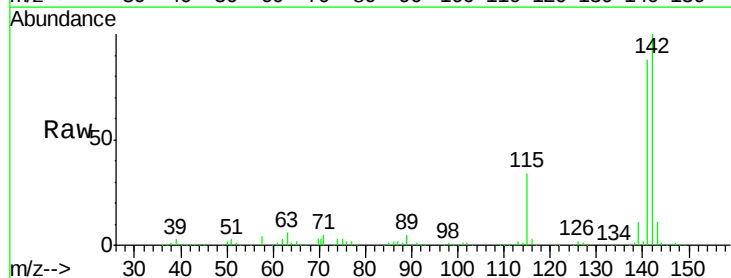
Instrument :
 BNA_F
 ClientSampled :

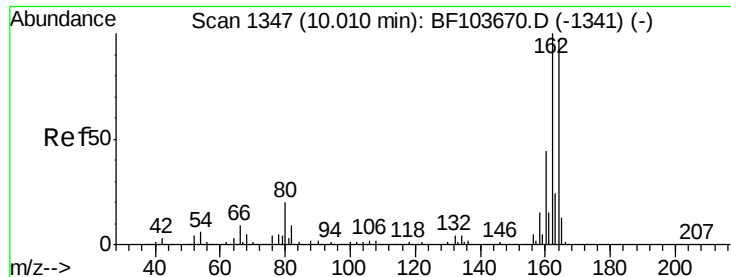
Tot Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.5	30.7
142	79.2	62.0	93.0



#37
 2-Methylnaphthalene
 Concen: 33.386 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	34.3	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

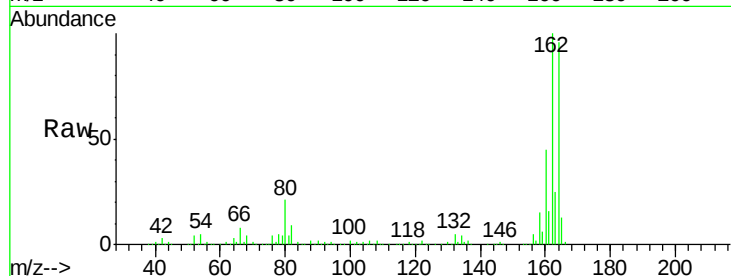
Tot Ion:164 Resp: 316132

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

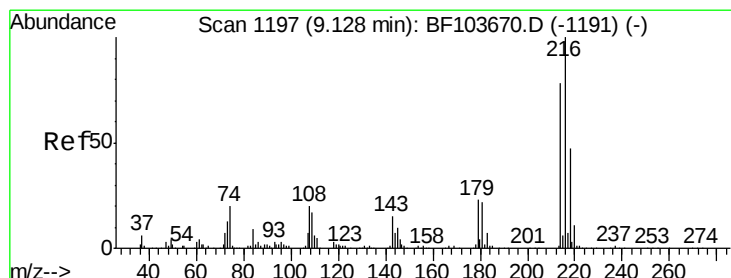
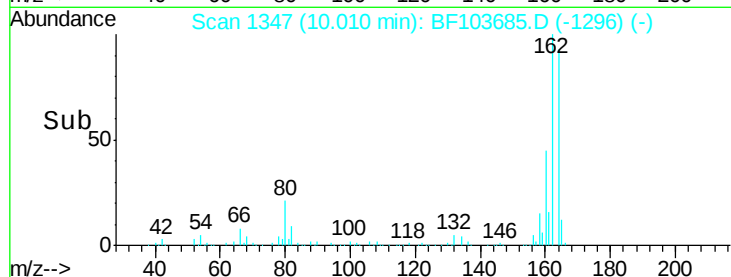
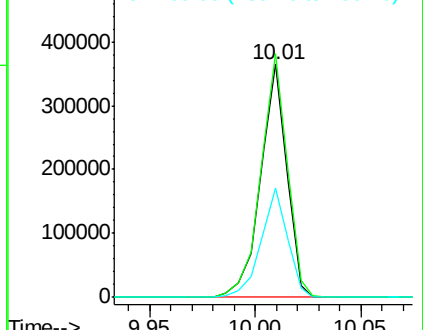
160 47.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.455 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:216 Resp: 283686

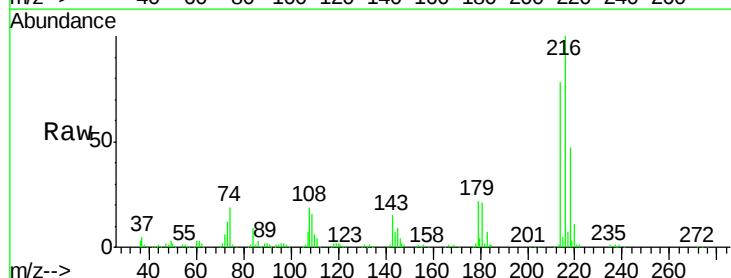
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 22.9 18.1 27.1

108 24.9 17.2 25.8

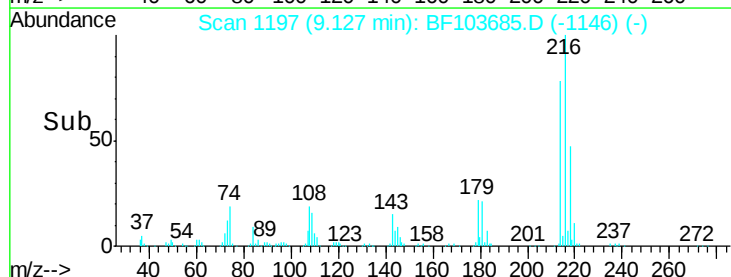
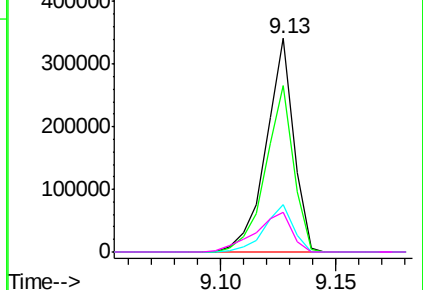


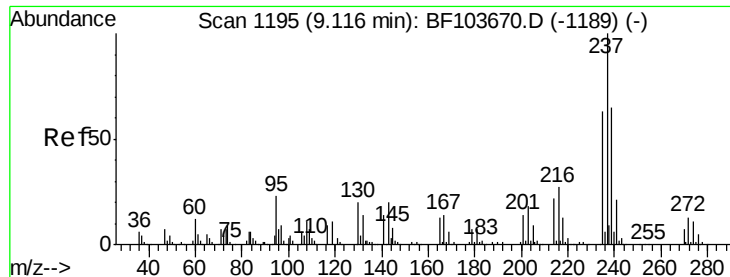
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

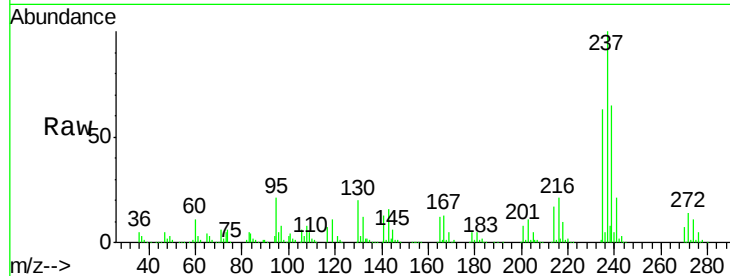




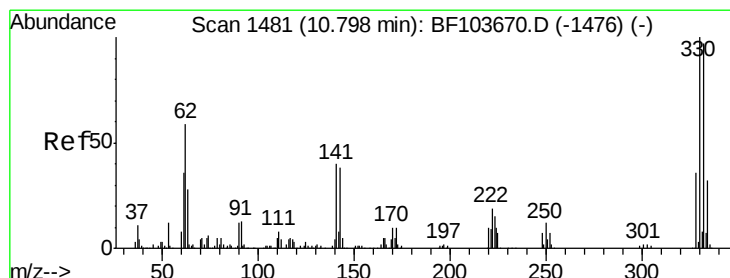
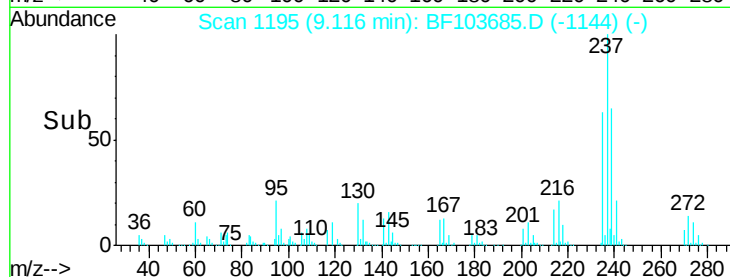
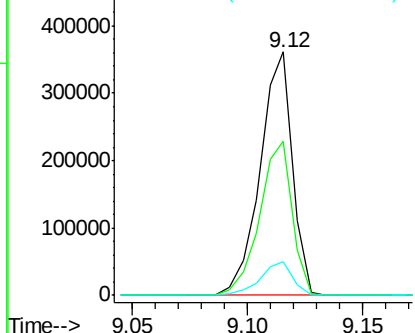
#40
Hexachlorocyclopentadiene
Concen: 75.659 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	14.1	0.0	33.3

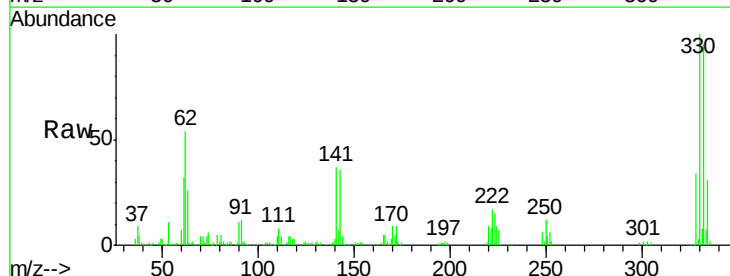


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

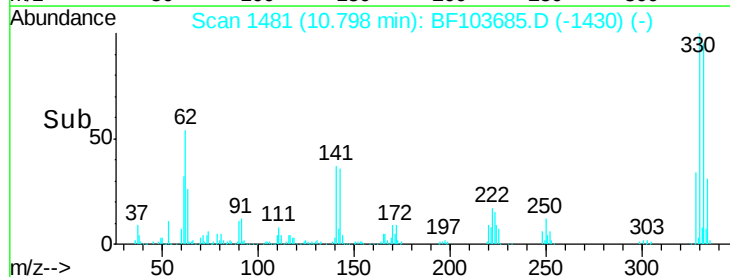
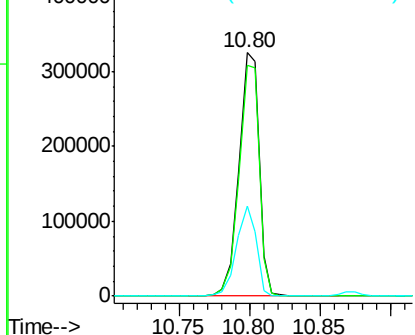


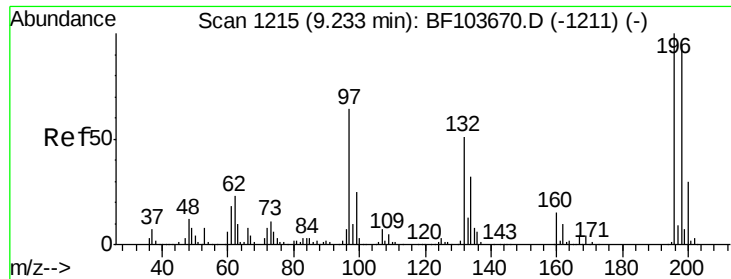
#41
2,4,6-Tribromophenol
Concen: 119.436 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	36.5	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: 36.581 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

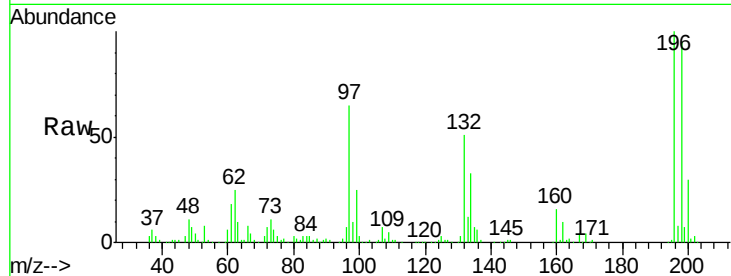
Tot Ion:196 Resp: 211026

Ion Ratio Lower Upper

196 100

198 95.2 75.7 113.5

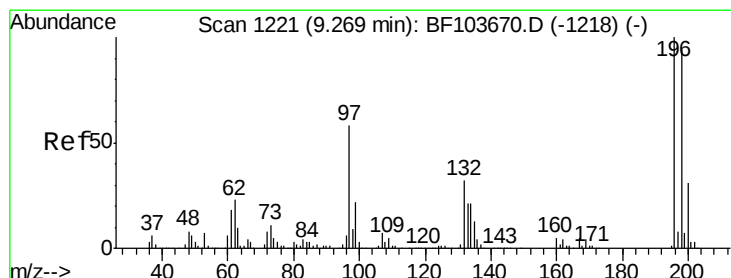
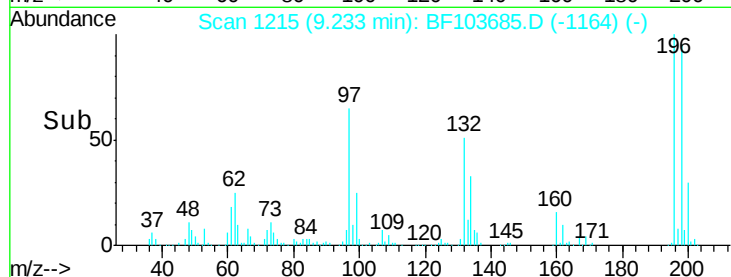
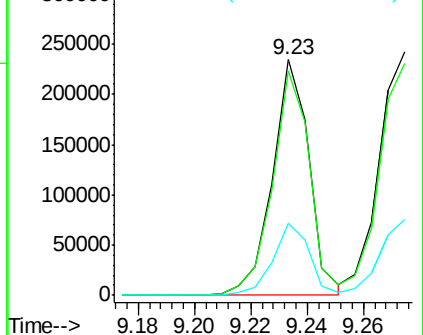
200 30.4 24.5 36.7



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: 34.277 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:196 Resp: 223179

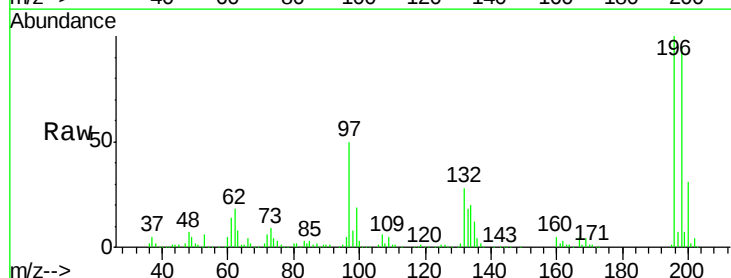
Ion Ratio Lower Upper

196 100

198 95.3 74.6 112.0

97 50.1 42.9 64.3

132 28.4 26.3 39.5

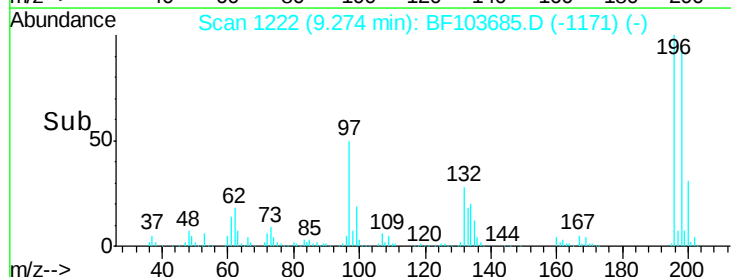
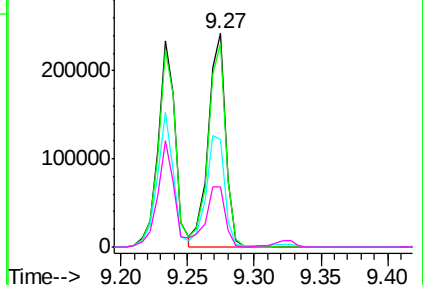


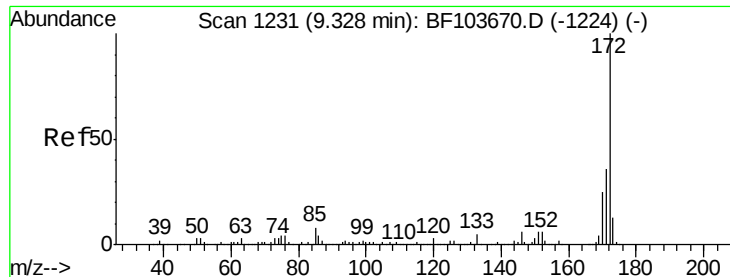
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

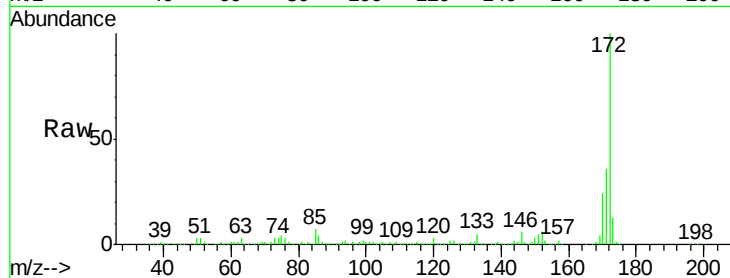




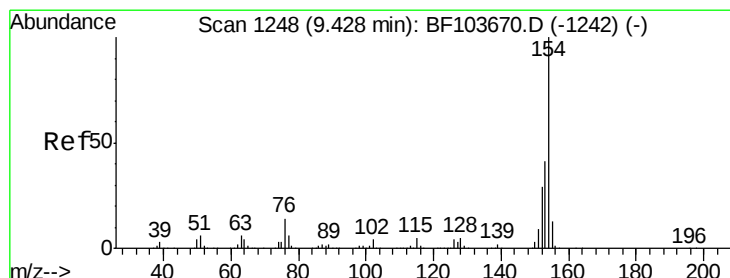
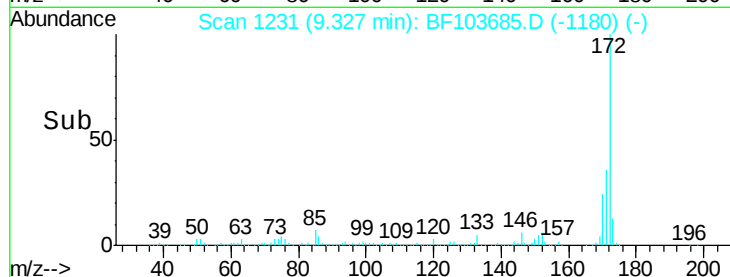
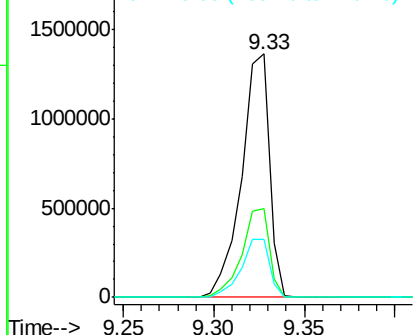
#44
2-Fluorobiphenyl
Concen: 73.733 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1461260
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.1 19.6 29.4

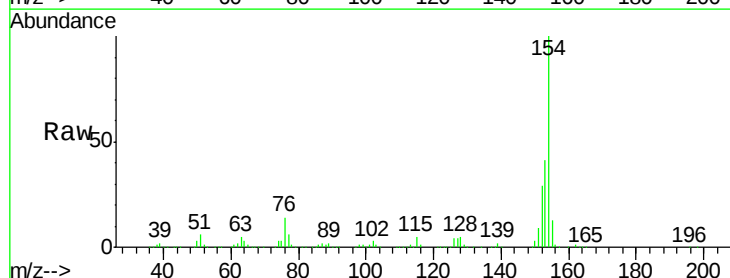


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

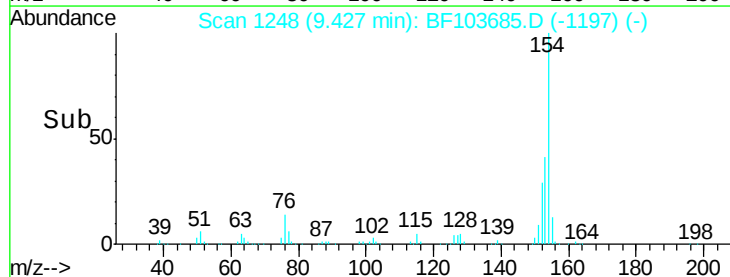
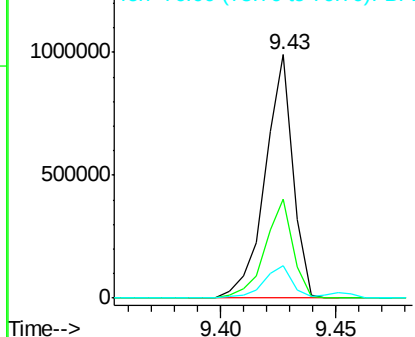


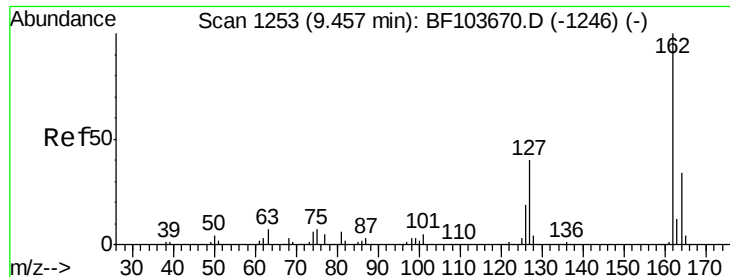
#45
1,1'-Biphenyl
Concen: 31.426 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion:154 Resp: 828415
Ion Ratio Lower Upper
154 100
153 40.6 21.3 61.3
76 13.5 0.0 34.0



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

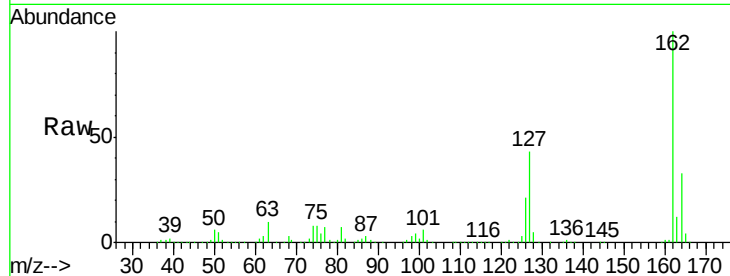




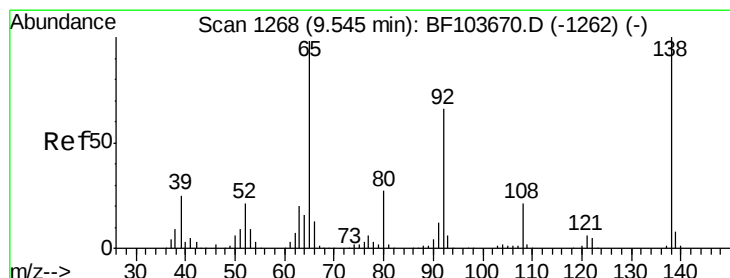
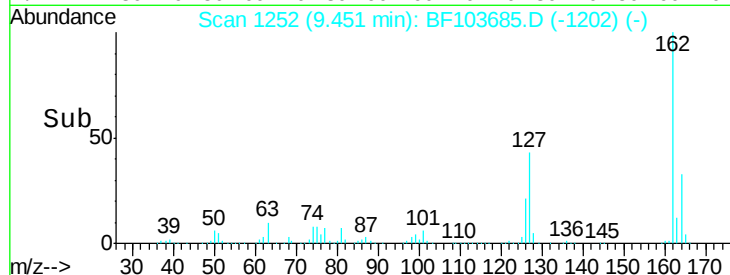
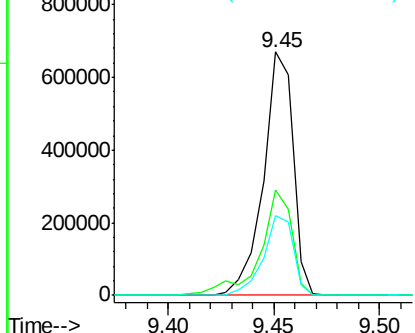
#46
2-Chloronaphthalene
Concen: 31.371 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 656820
Ion Ratio Lower Upper
162 100
127 43.1 33.9 50.9
164 32.9 26.5 39.7

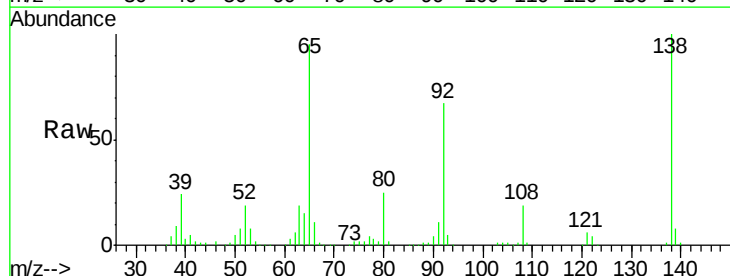


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

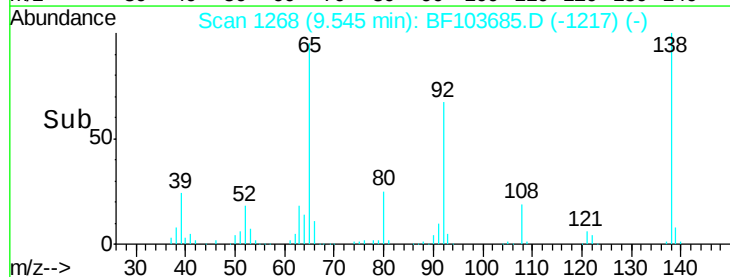
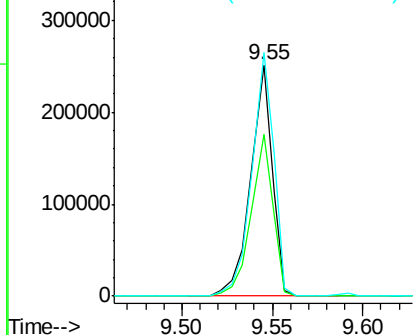


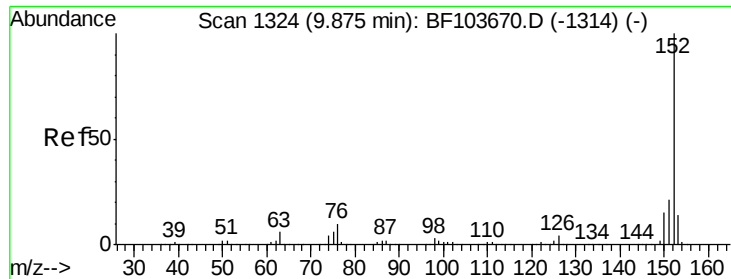
#47
2-Nitroaniline
Concen: 39.568 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion: 65 Resp: 209082
Ion Ratio Lower Upper
65 100
92 70.1 55.8 83.6
138 105.2 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: 31.463 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

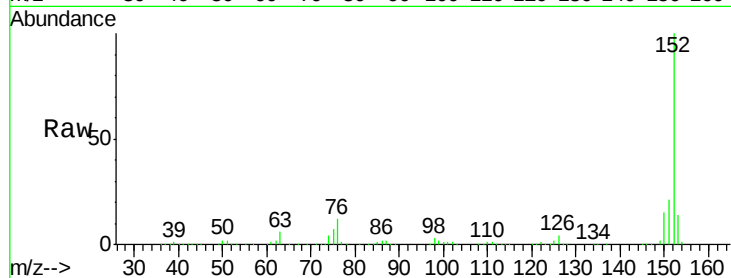
Tot Ion:152 Resp: 1021516

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

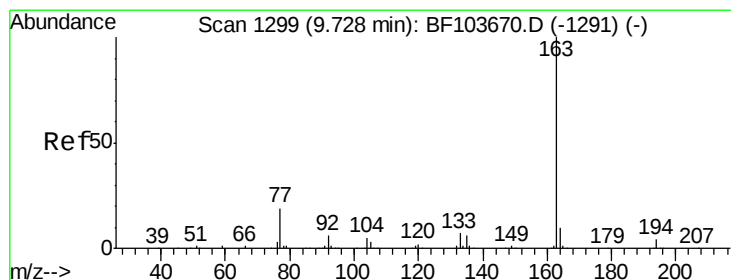
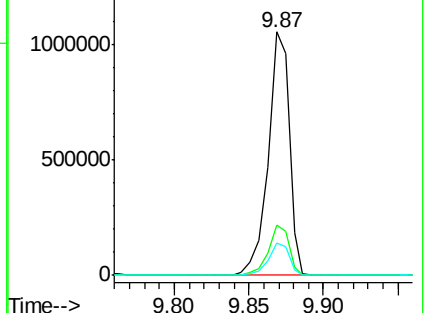
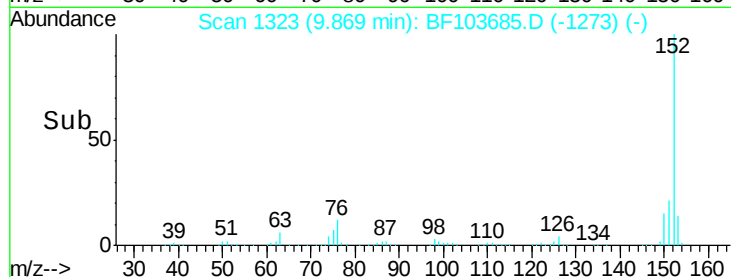
153 13.5 10.7 16.1



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: 32.281 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

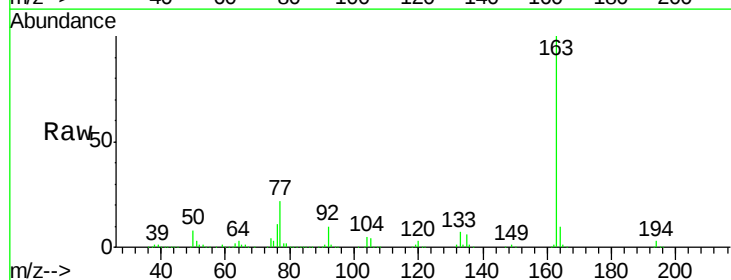
Tgt Ion:163 Resp: 778599

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

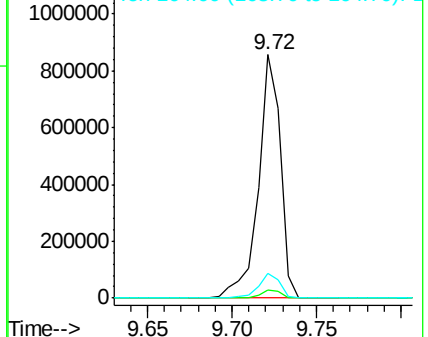
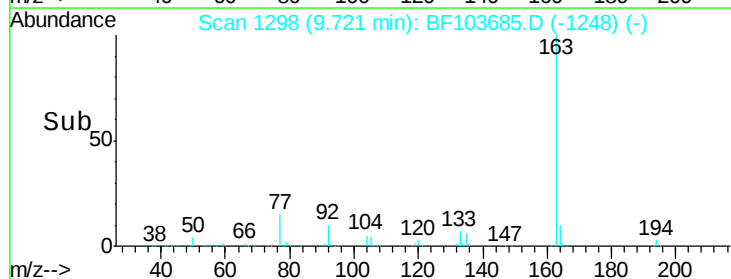
164 10.2 8.2 12.2

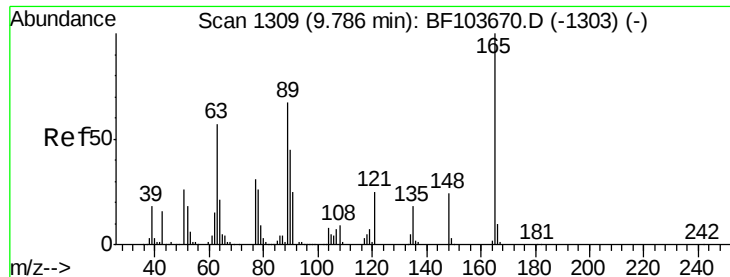


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

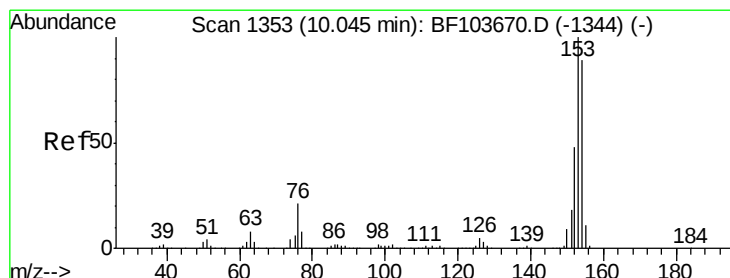
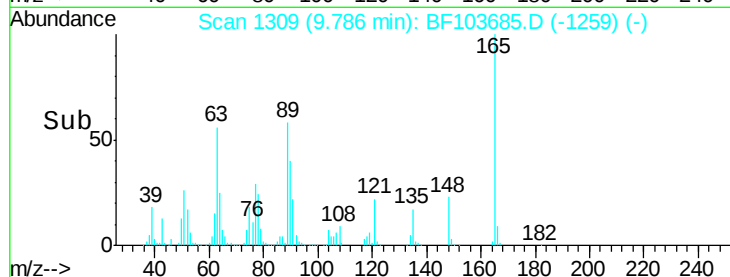
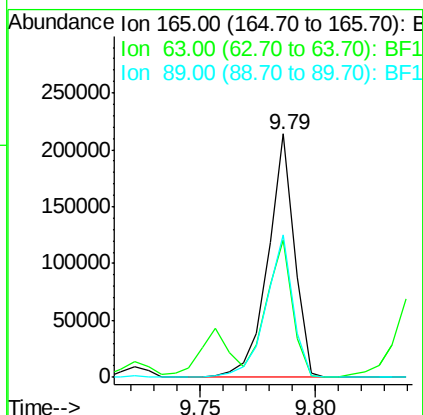
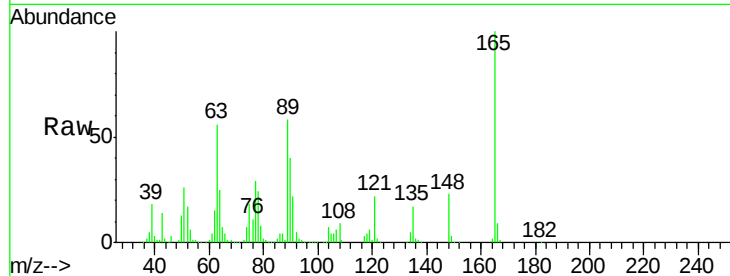




#50
 2,6-Dinitrotoluene
 Concen: 37.486 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

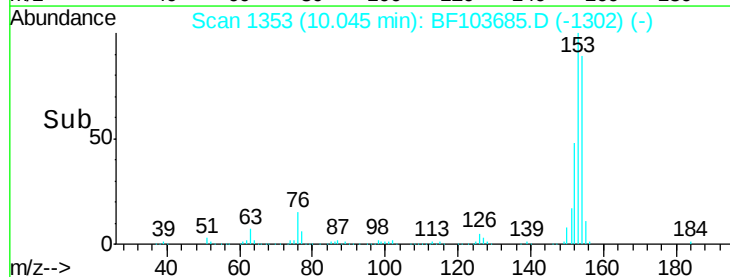
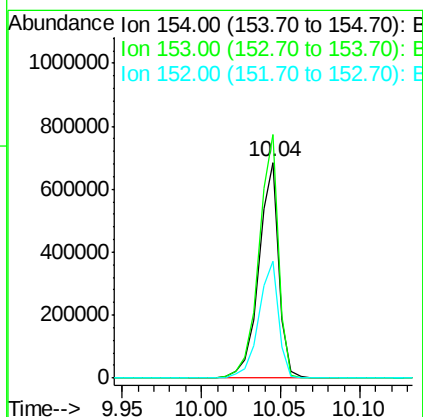
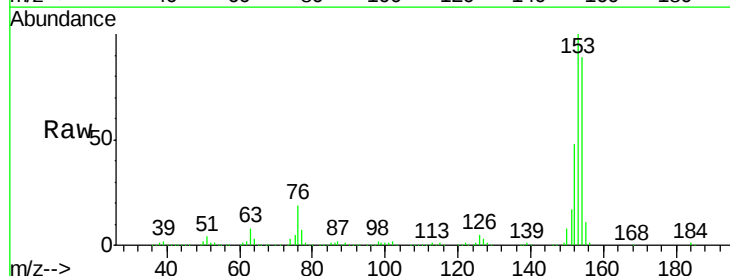
Instrument :
 BNA_F
 ClientSampleId :

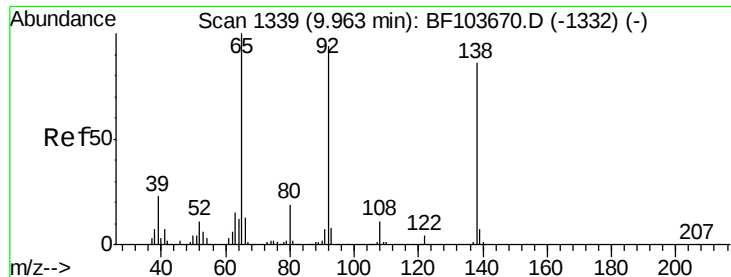
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.4	44.7	67.1
89	58.4	44.0	66.0



#51
 Acenaphthene
 Concen: 31.315 ng
 RT: 10.04 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	54.2	43.8	65.8





#52

3-Nitroaniline

Concen: 21.789 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

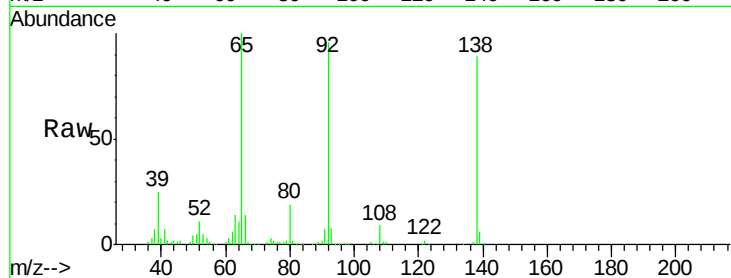
Tot Ion:138 Resp: 109187

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

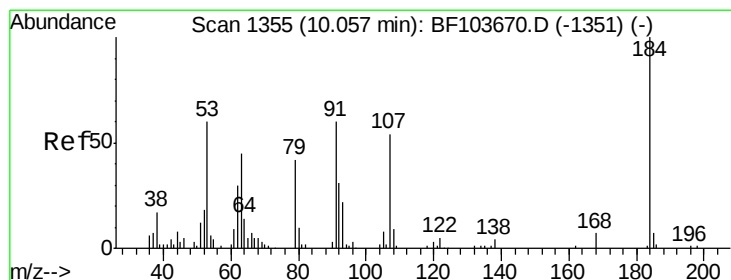
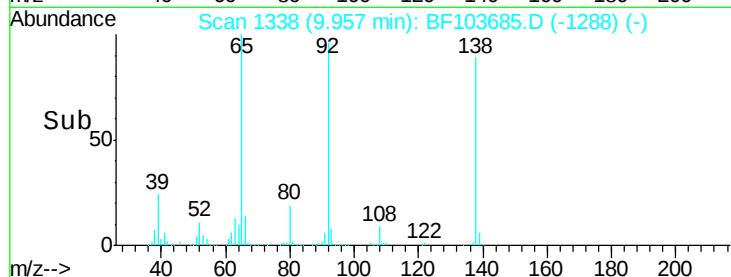
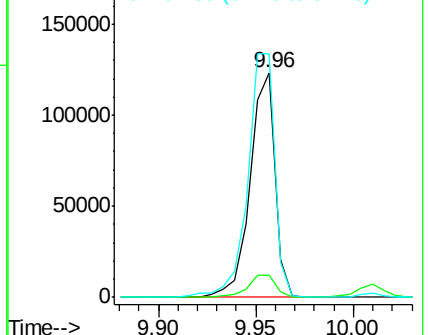
92 108.3 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 29.711 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

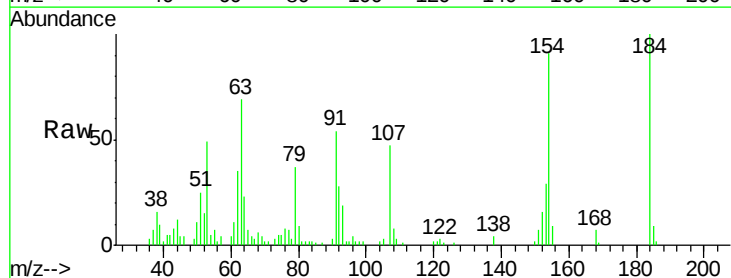
Tgt Ion:184 Resp: 20821

Ion Ratio Lower Upper

184 100

63 68.6 54.2 81.2

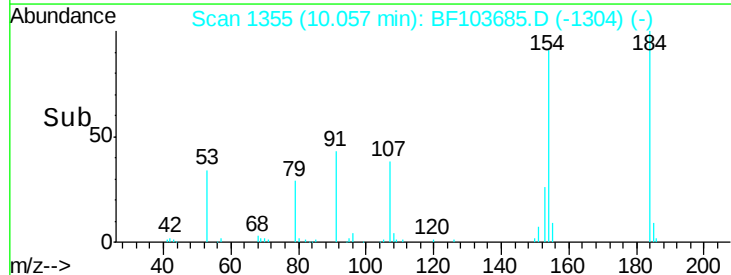
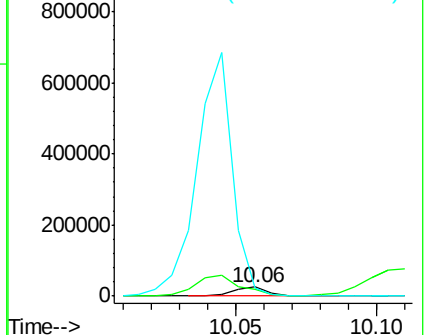
154 90.8 184.0 276.0#

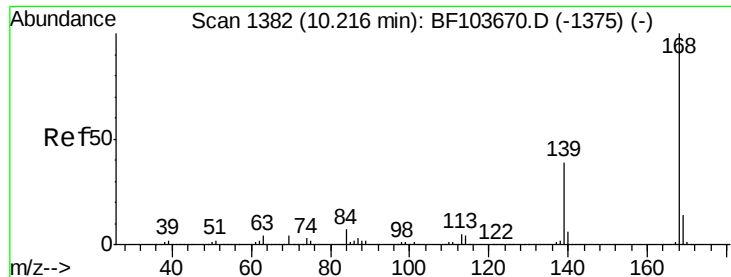


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

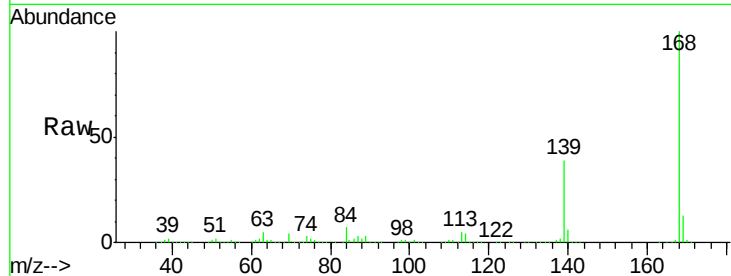




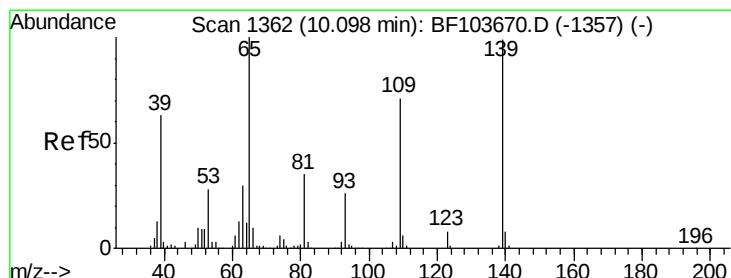
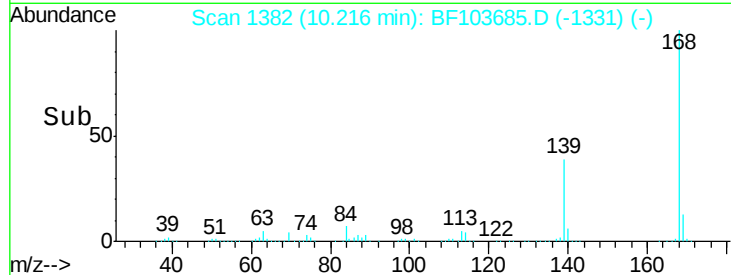
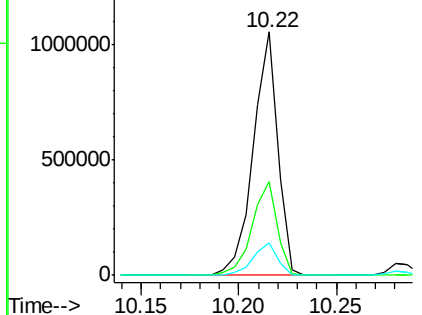
#54
Dibenzenofuran
Concen: 33.311 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 917159
Ion Ratio Lower Upper
168 100
139 38.5 30.1 45.1
169 13.4 10.9 16.3

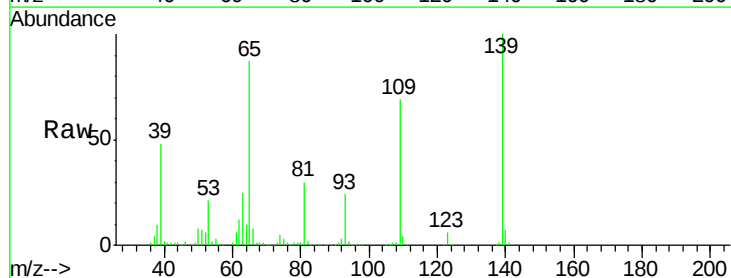


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

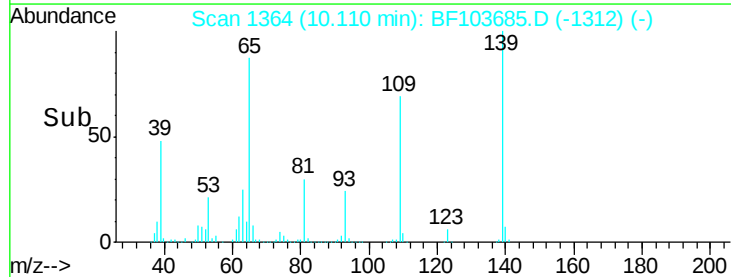
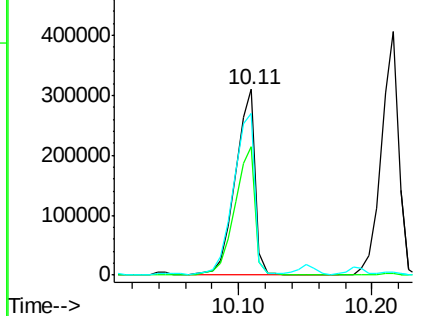


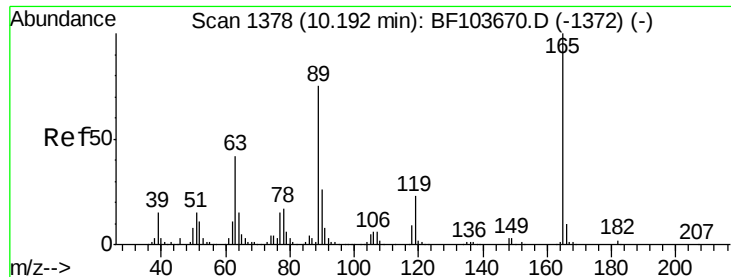
#55
4-Nitrophenol
Concen: 73.545 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion:139 Resp: 322873
Ion Ratio Lower Upper
139 100
109 69.0 48.4 88.4
65 86.8 72.6 112.6



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

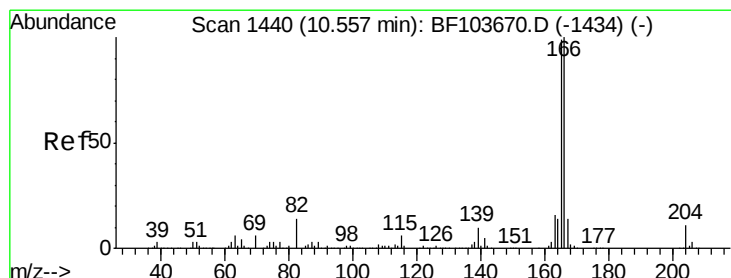
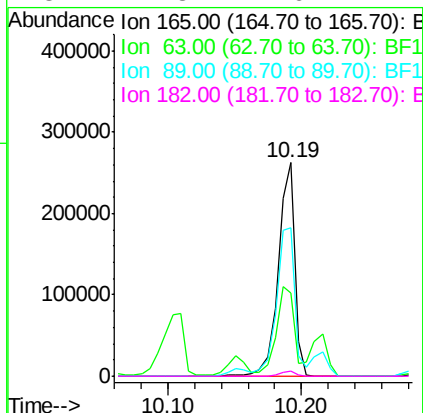
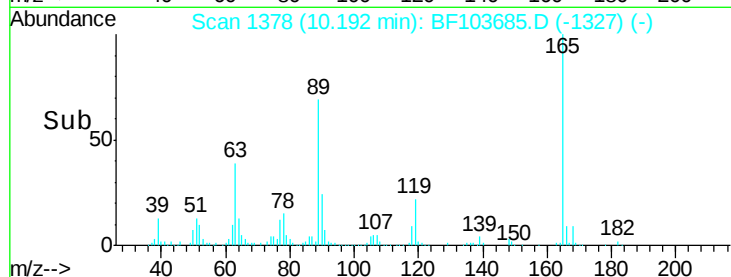
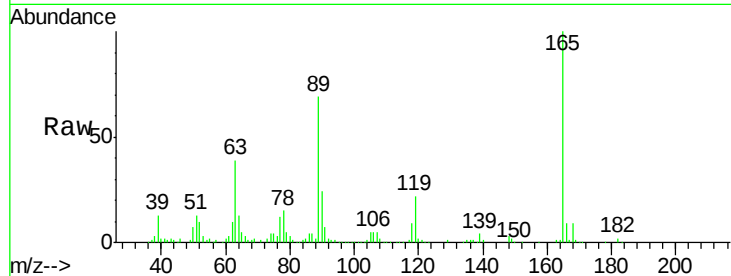




#56
 2,4-Dinitrotoluene
 Concen: 40.031 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

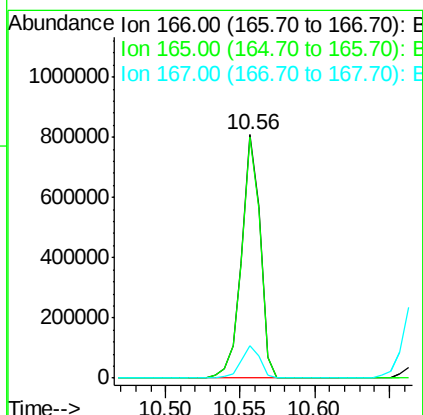
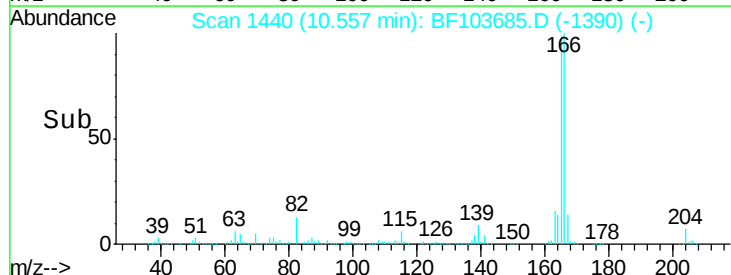
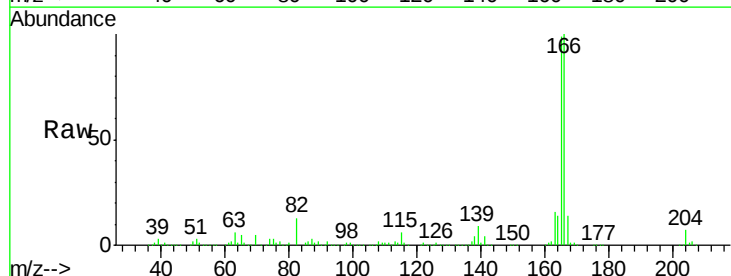
Instrument :
 BNA_F
 ClientSampleId :

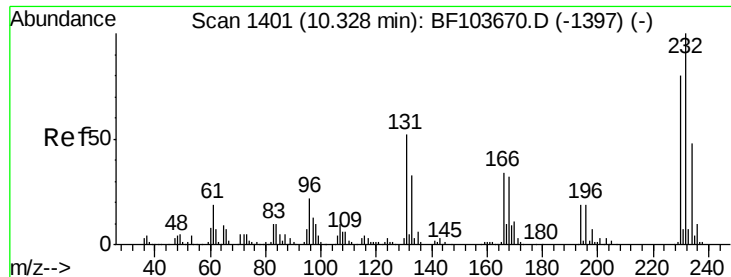
Tot Ion:165	Resp:	229617
Ion Ratio	Lower	Upper
165	100	
63	38.9	36.4 54.6
89	69.5	57.8 86.6
182	2.3	1.6 2.4



#57
 Fluorene
 Concen: 32.792 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion:166	Resp:	700599
Ion Ratio	Lower	Upper
166	100	
165	98.9	79.8 119.8
167	13.6	10.6 16.0

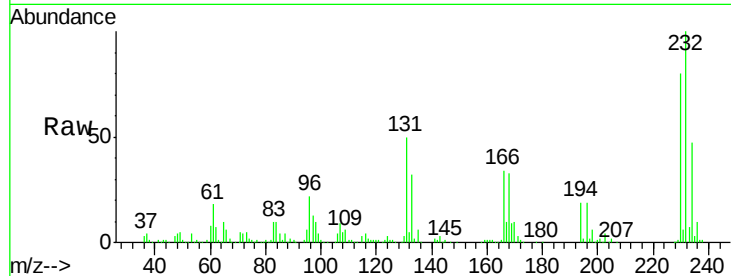




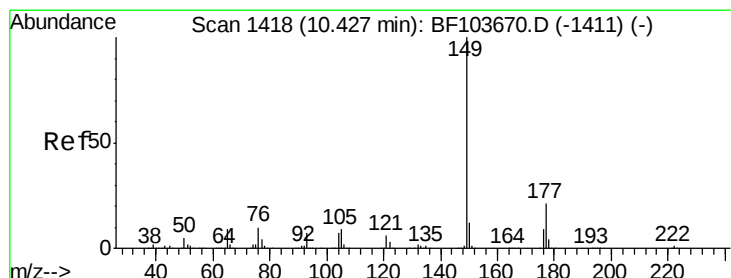
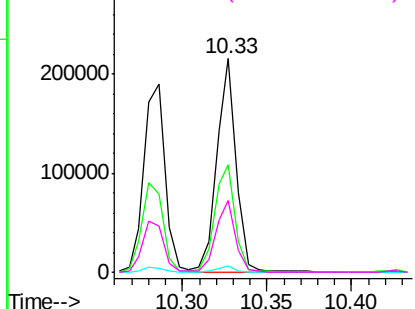
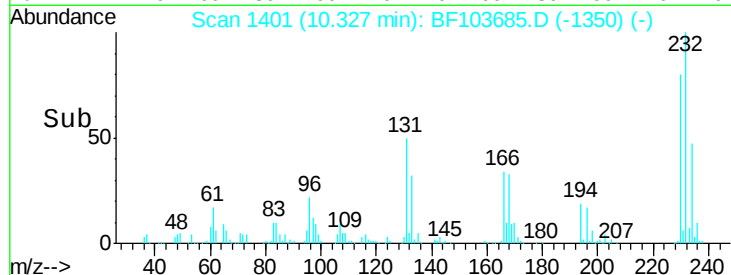
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.192 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 171591
 Ion Ratio Lower Upper
 232 100
 131 53.1 43.8 65.8
 130 2.8 2.1 3.1
 166 34.6 27.8 41.6

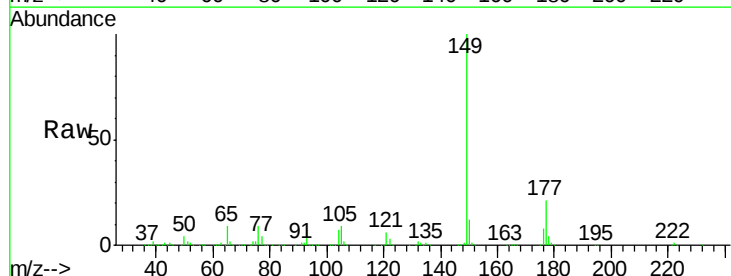


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

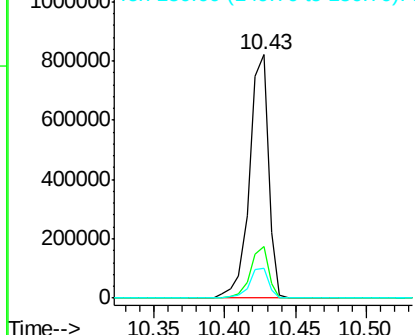
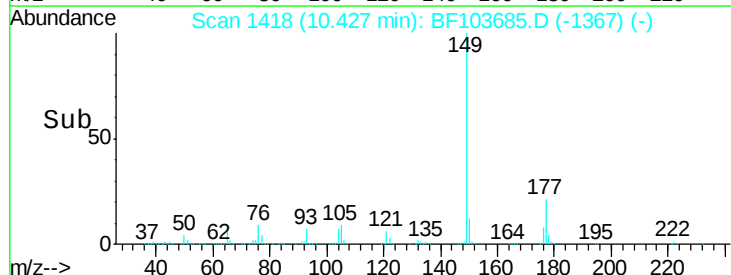


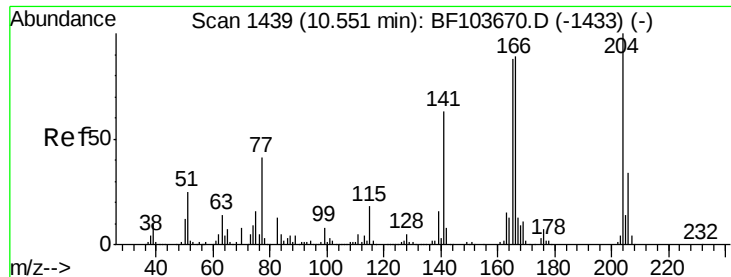
#59
 Diethylphthalate
 Concen: 32.497 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF103685.D
 Acq: 16 Mar 2018 10:10

Tgt Ion:149 Resp: 777948
 Ion Ratio Lower Upper
 149 100
 177 21.0 16.1 24.1
 150 12.3 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

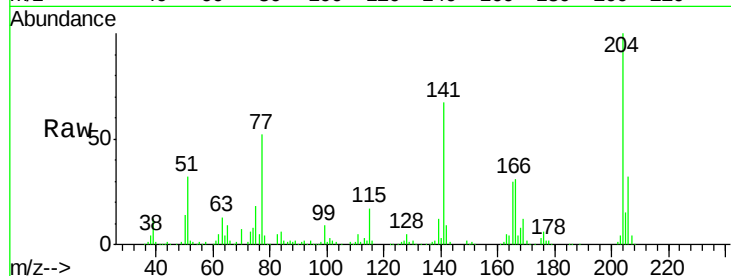




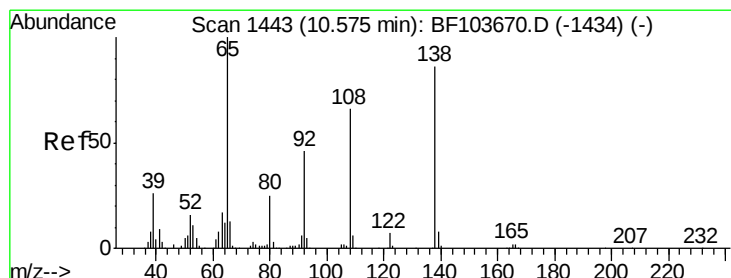
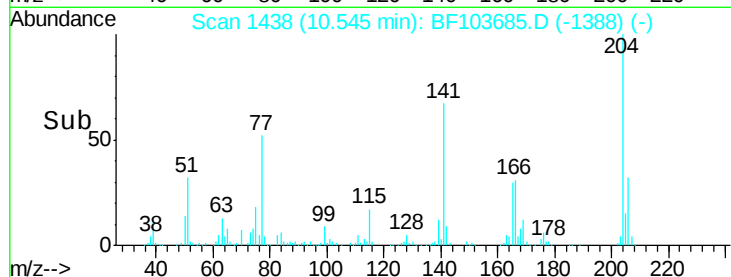
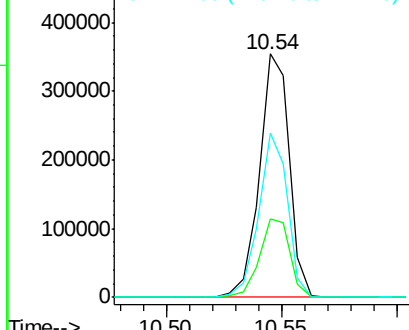
#60
4-Chlorophenyl-phenylether
Concen: 32.674 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 319036
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 67.4 54.6 81.8

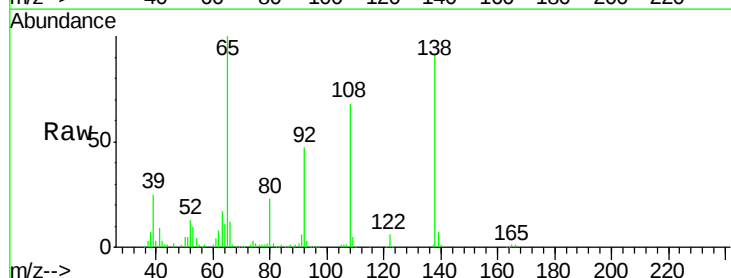


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

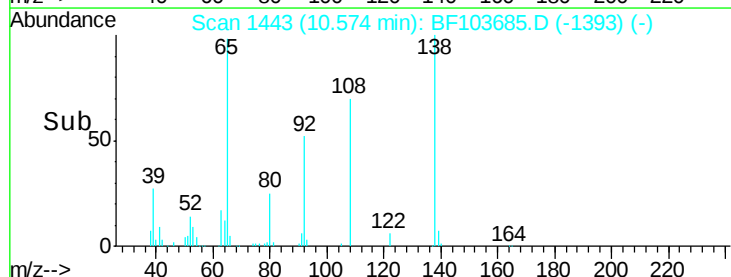
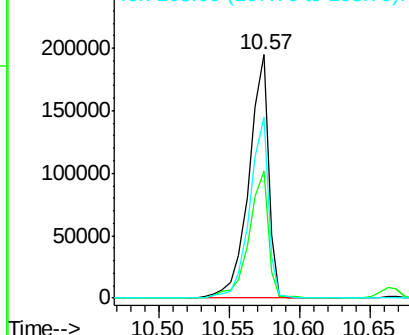


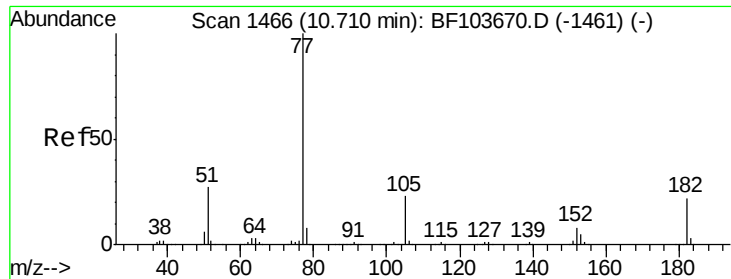
#61
4-Nitroaniline
Concen: 36.412 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion:138 Resp: 190680
Ion Ratio Lower Upper
138 100
92 52.0 30.2 70.2
108 74.4 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: 32.879 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 800221

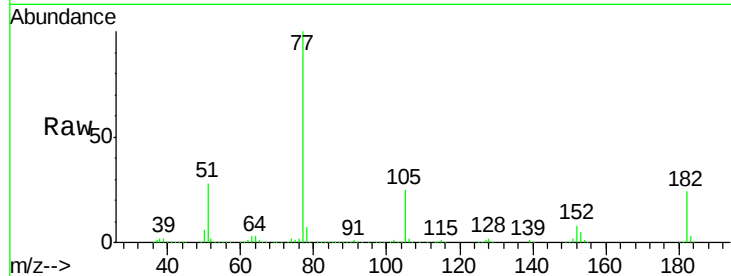
Ion Ratio Lower Upper

77 100

182 23.9 1.7 41.7

105 24.7 3.0 43.0

51 27.6 9.9 49.9

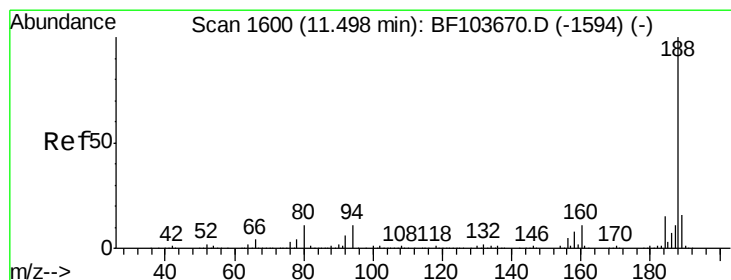
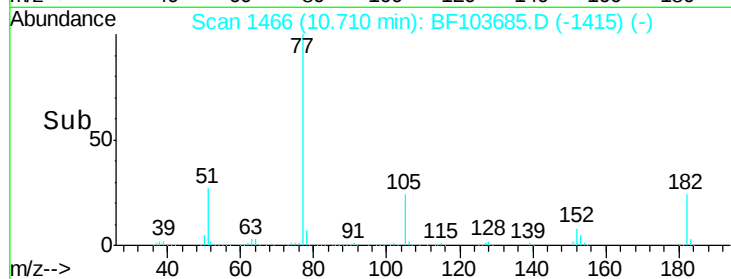
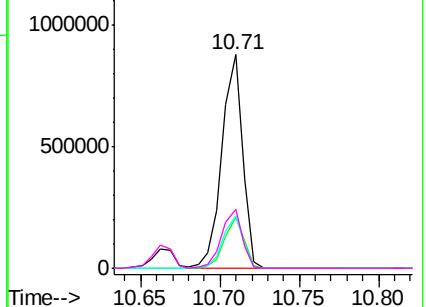


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF103685.D

Acq: 16 Mar 2018 10:10

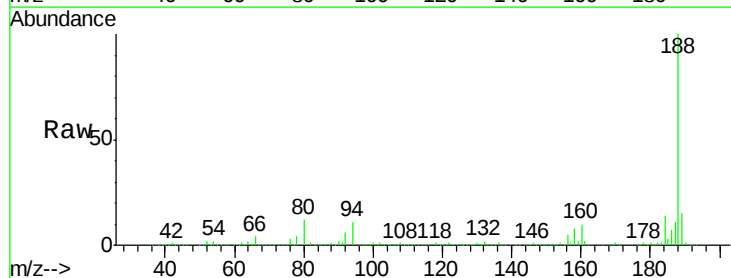
Tgt Ion: 188 Resp: 574851

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

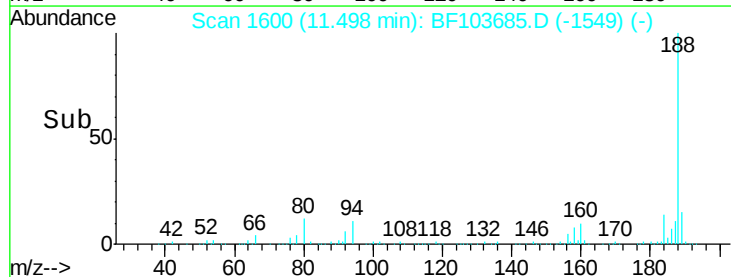
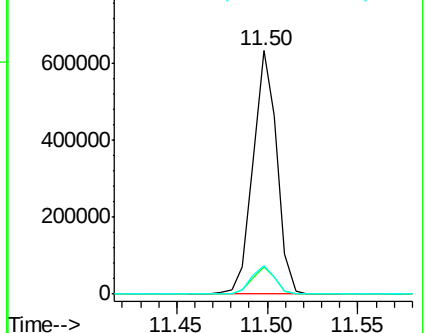
80 11.9 9.2 13.8

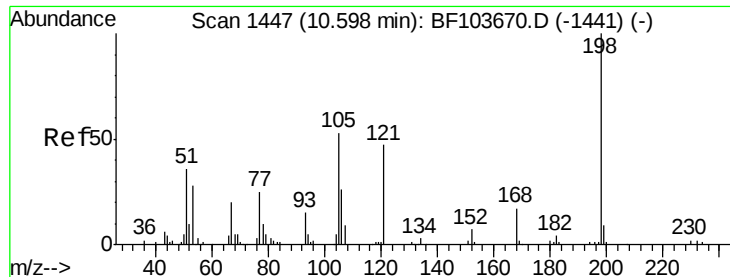


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 24.491 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampled :

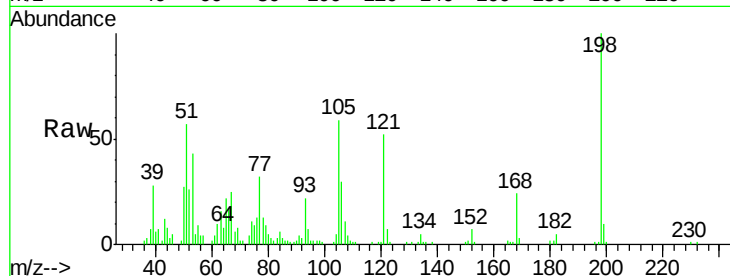
Tot Ion:198 Resp: 35475

Ion Ratio Lower Upper

198 100

51 56.6 37.7 77.7

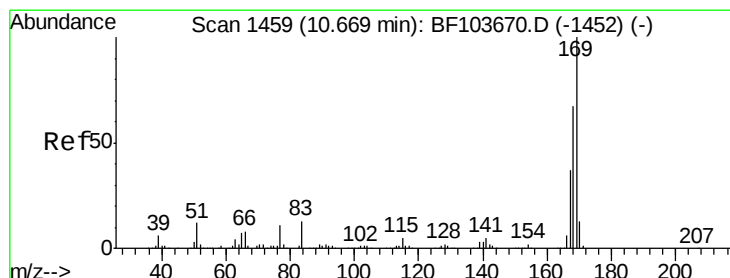
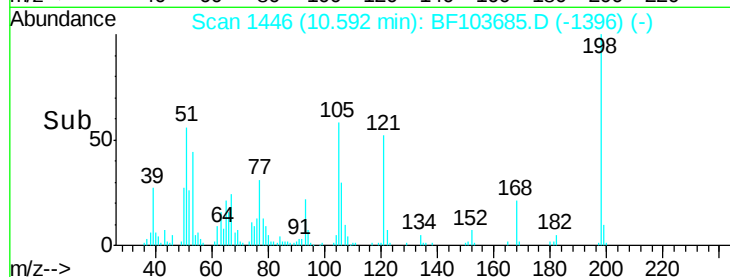
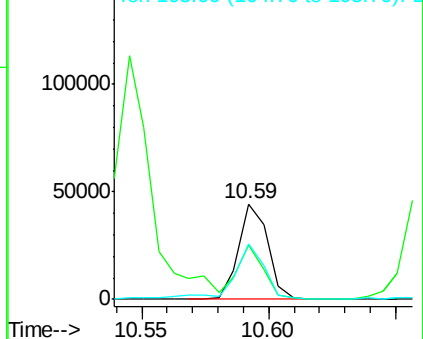
105 58.5 36.3 76.3



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: 32.361 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

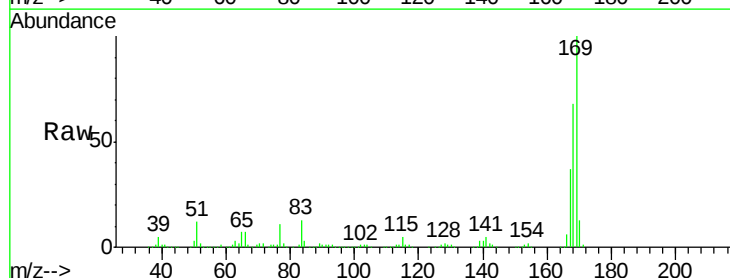
Tgt Ion:169 Resp: 633209

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

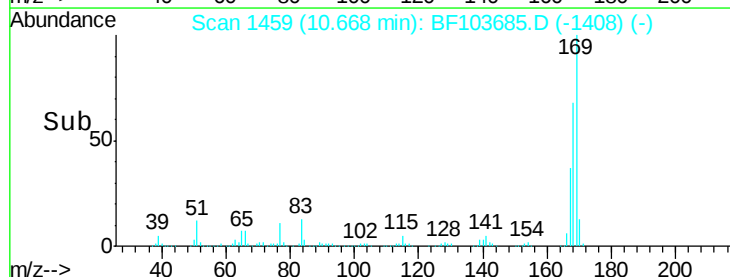
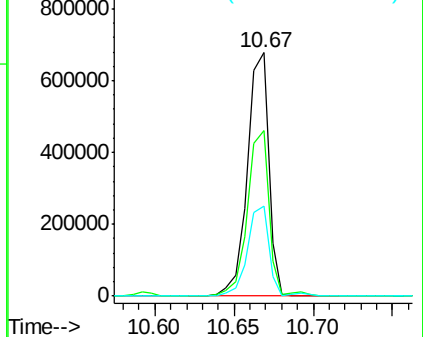
167 36.9 29.8 44.6

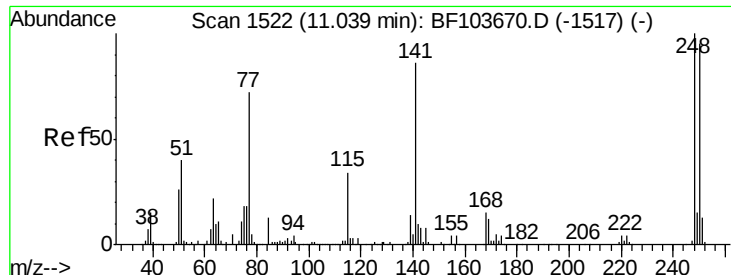


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

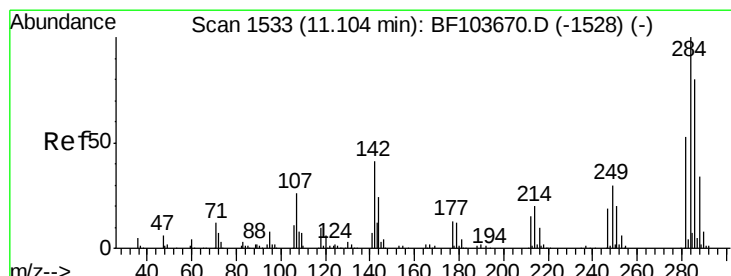
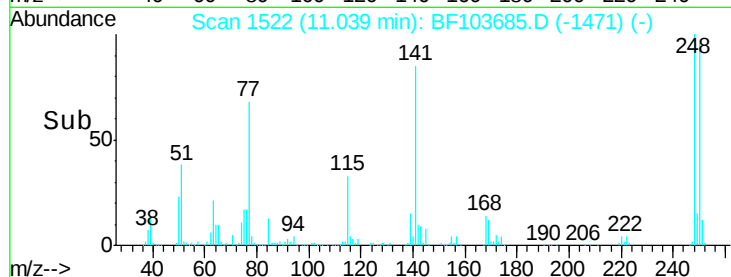
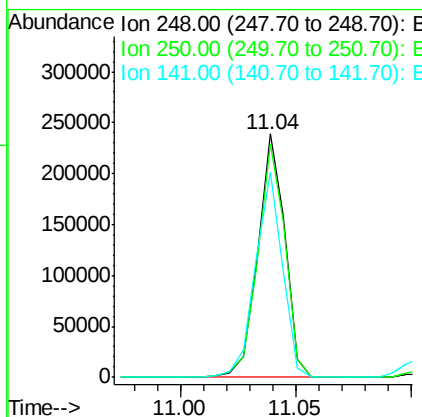
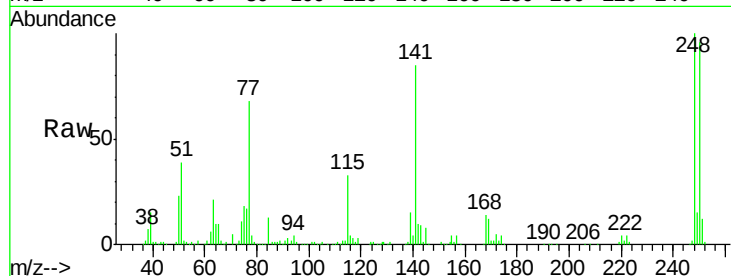




#66
4-Bromophenyl-phenylether
Concen: 33.068 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

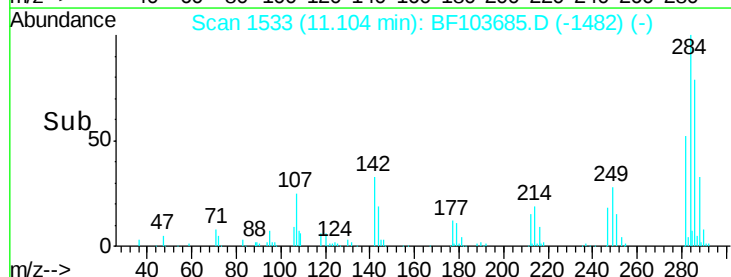
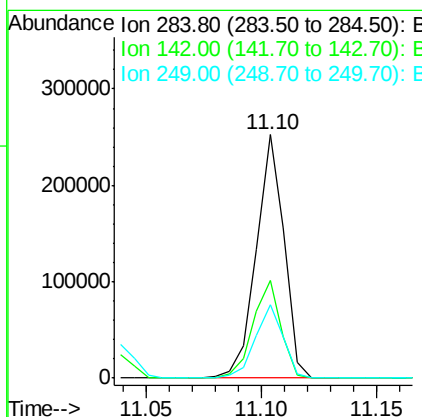
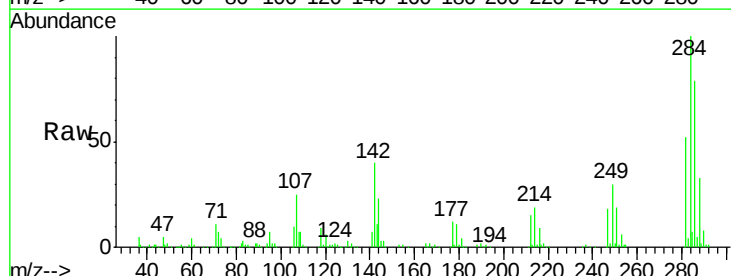
Instrument :
BNA_F
ClientSampleId :

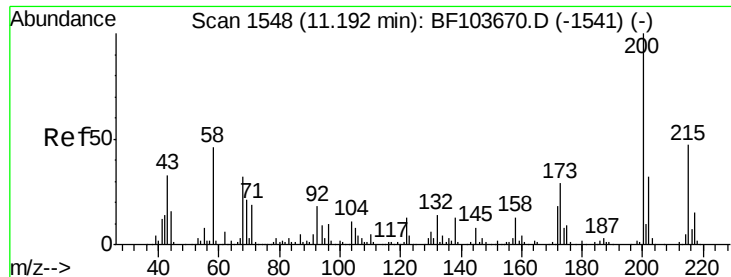
Tot Ion:248 Resp: 195175
Ion Ratio Lower Upper
248 100
250 95.8 76.9 115.3
141 84.5 74.4 111.6



#67
Hexachlorobenzene
Concen: 31.495 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion:284 Resp: 212166
Ion Ratio Lower Upper
284 100
142 40.2 34.6 52.0
249 29.9 24.8 37.2

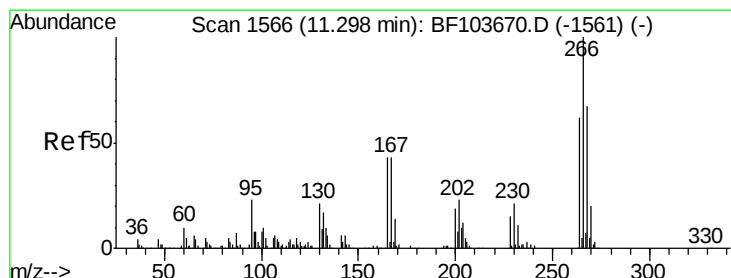
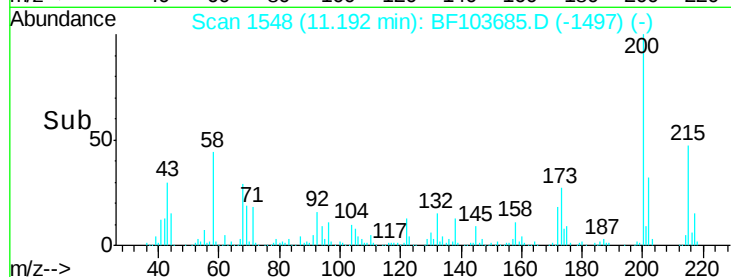
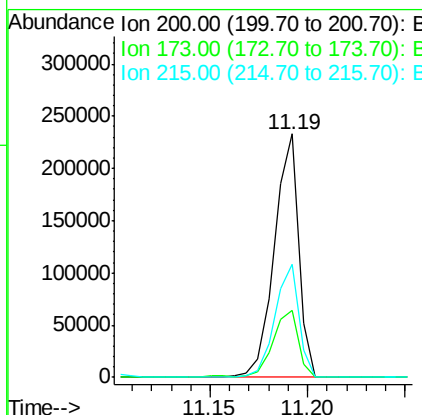
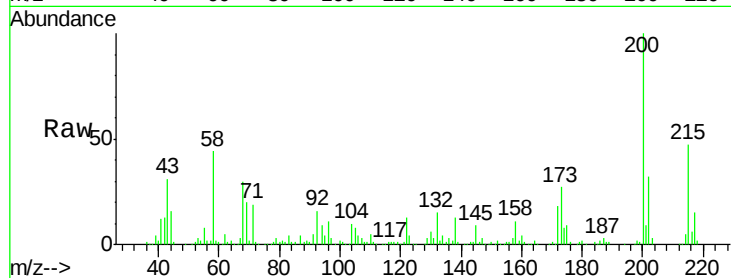




#68
Atrazine
Concen: 33.263 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

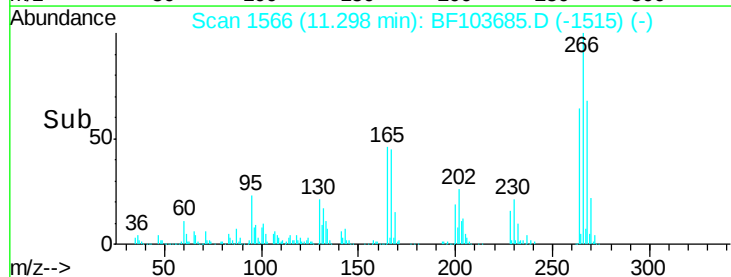
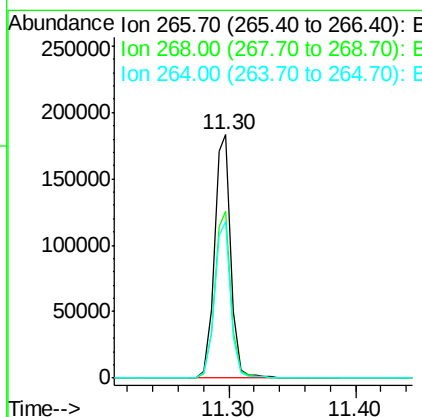
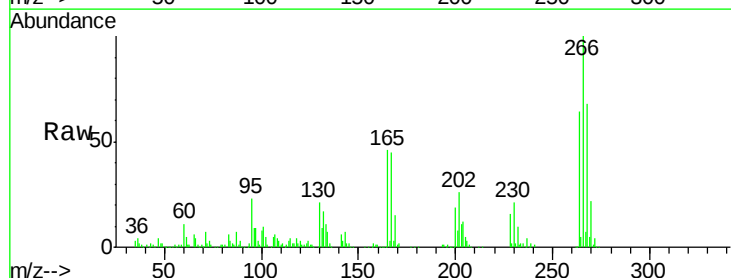
Instrument :
BNA_F
ClientSampleId :

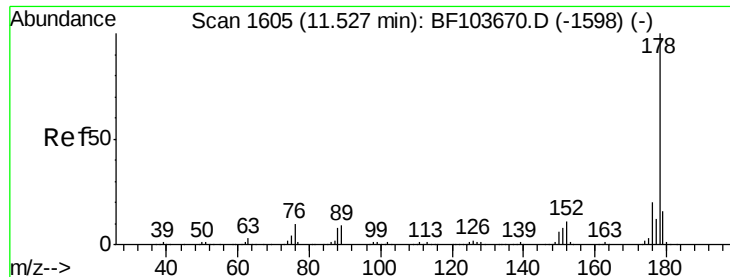
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.6	48.6
215	46.7	25.1	65.1



#69
Pentachlorophenol
Concen: 43.702 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.3	51.1	76.7
264	64.1	49.5	74.3

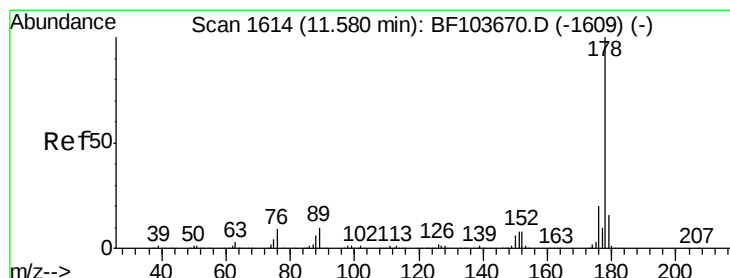
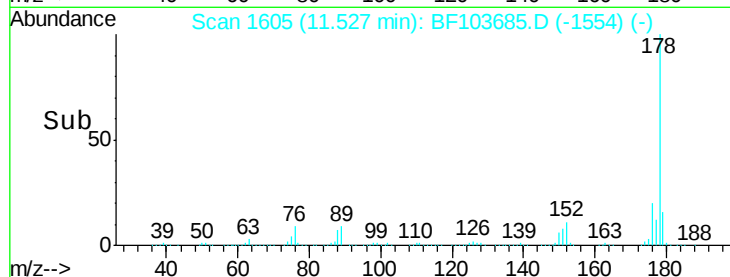
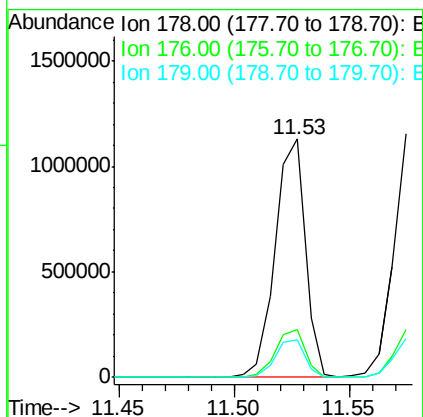
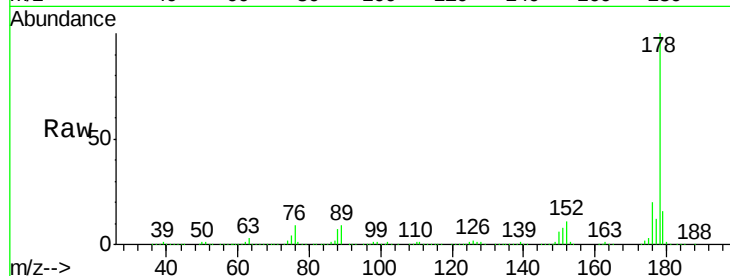




#70
Phenanthrene
Concen: 32.530 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

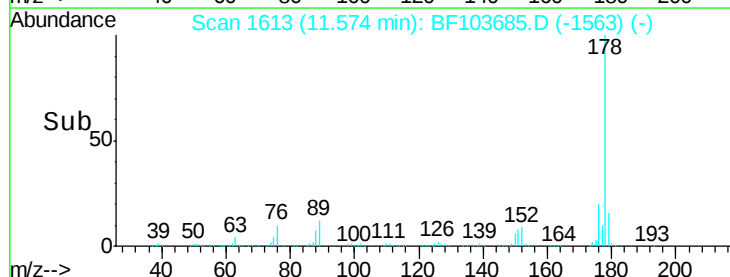
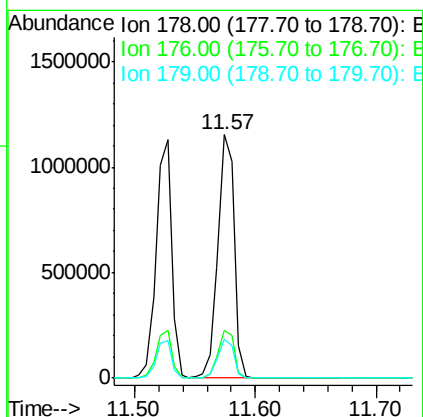
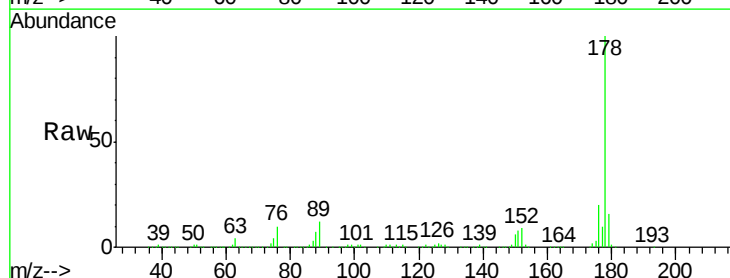
Instrument :
BNA_F
ClientSampleId :

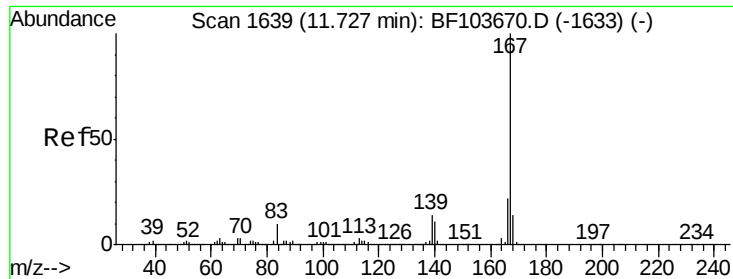
Tot Ion:178 Resp: 1022937
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.8 13.0 19.6



#71
Anthracene
Concen: 33.226 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion:178 Resp: 1061184
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.9 12.6 19.0





#72

Carbazole

Concen: 32.471 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

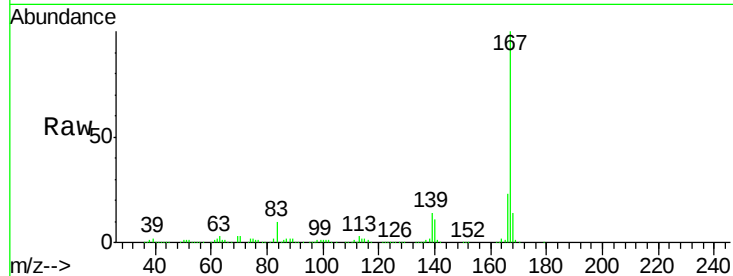
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1007990

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.7	10.9	16.3

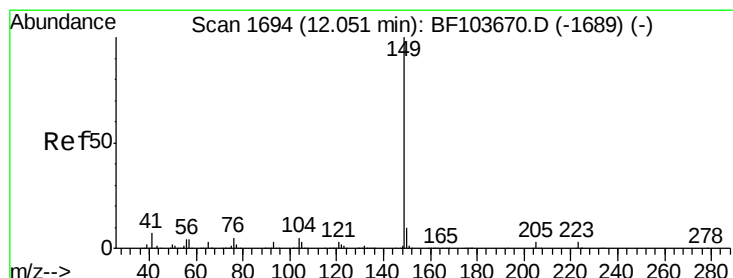
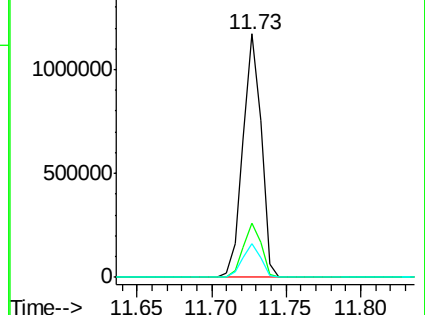
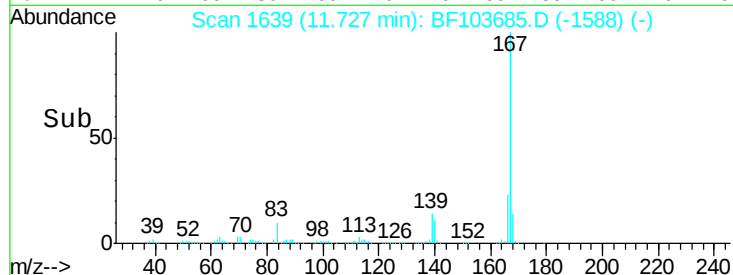


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 33.517 ng

RT: 12.06 min Scan# 1695

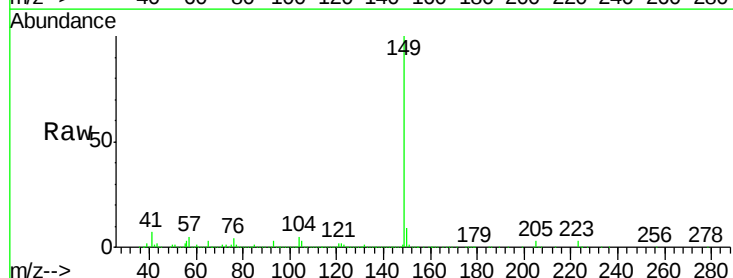
Delta R.T. 0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:149 Resp: 1248430

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.7	3.8	5.8

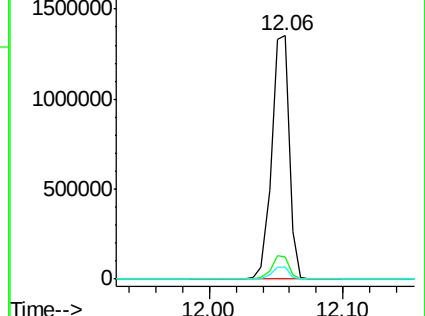
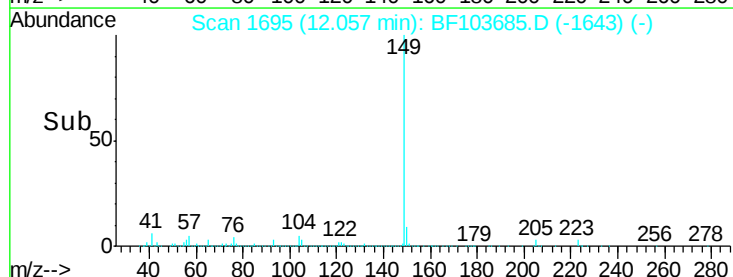


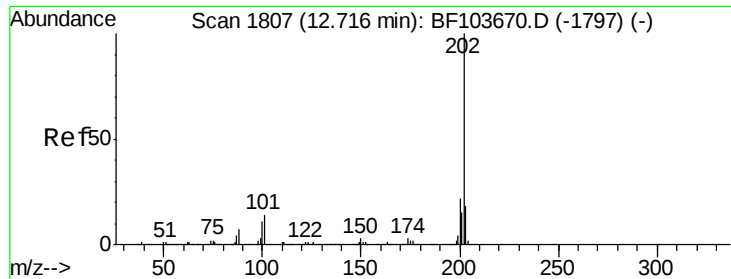
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 33.424 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

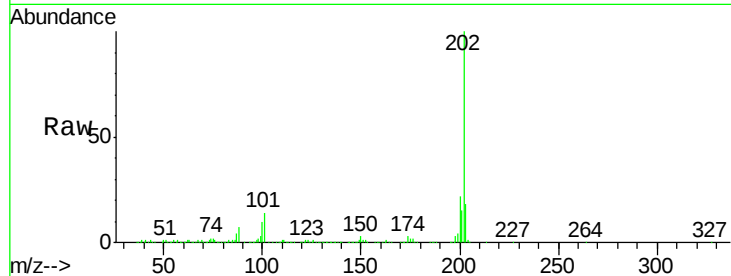
Tot Ion:202 Resp: 1082800

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

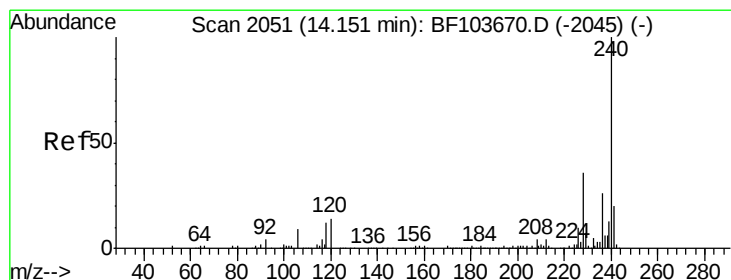
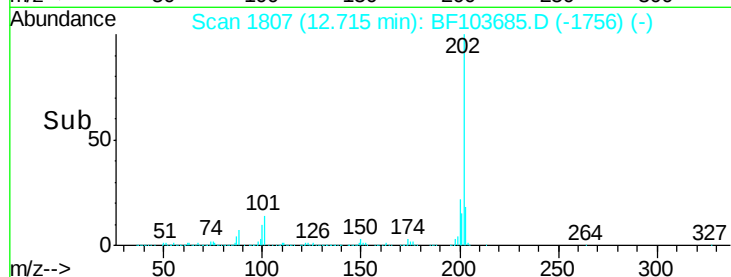
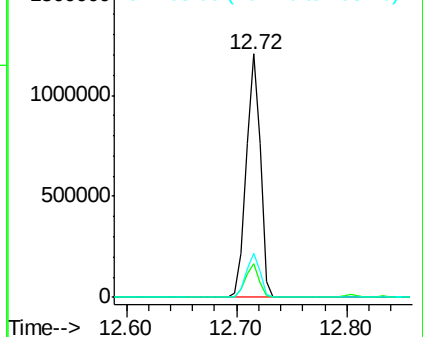
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

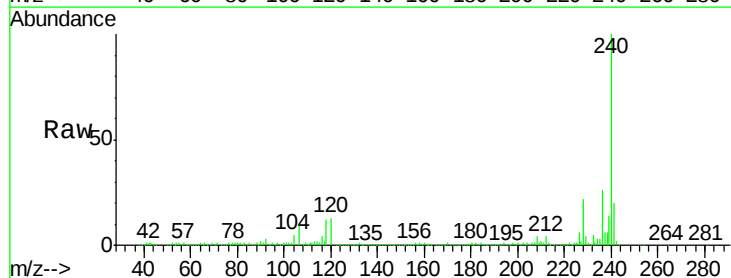
Tgt Ion:240 Resp: 458594

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

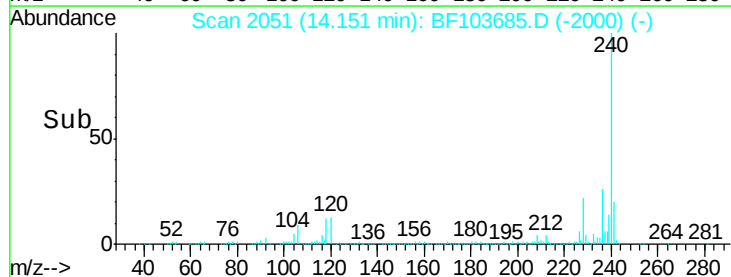
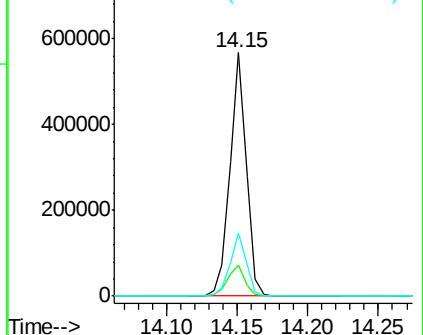
236 26.1 20.7 31.1

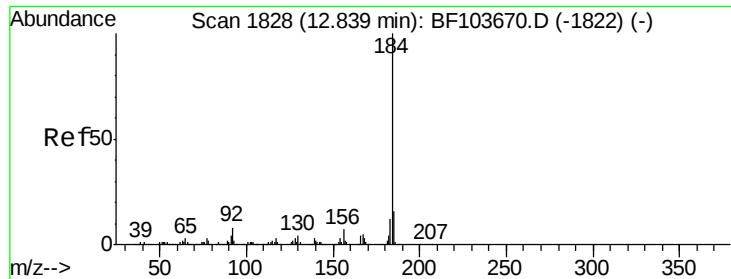


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 24.442 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

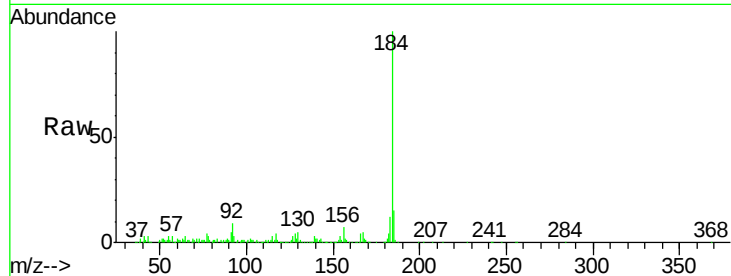
Tot Ion:184 Resp: 478068

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

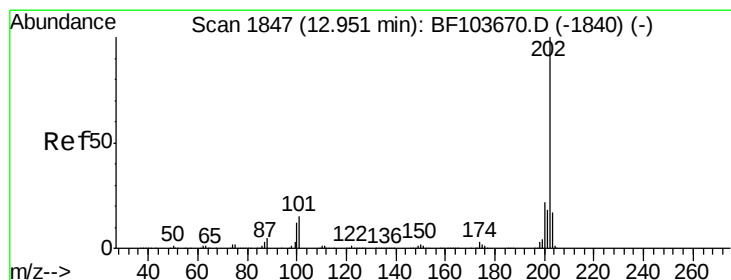
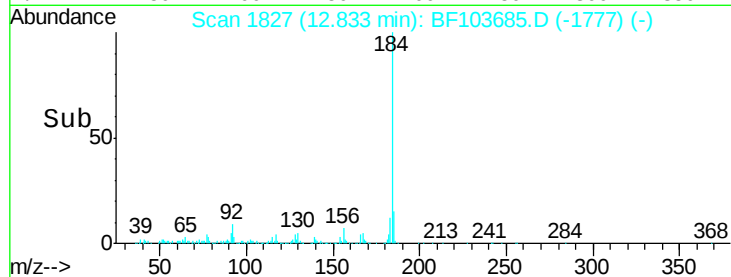
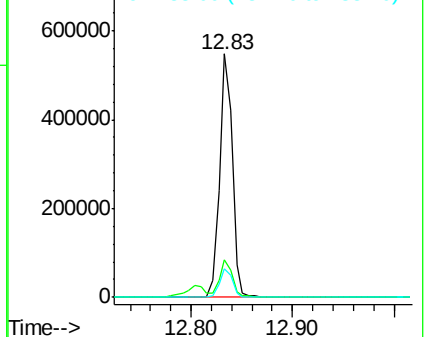
183 11.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 32.708 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

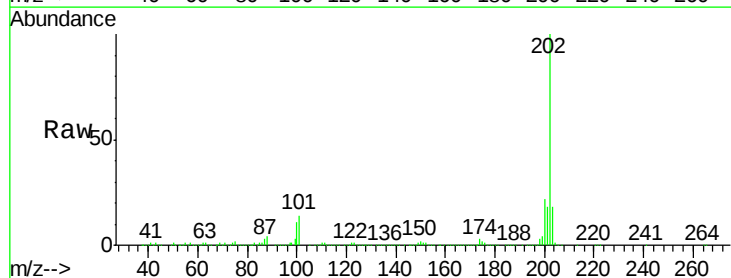
Tgt Ion:202 Resp: 1101582

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

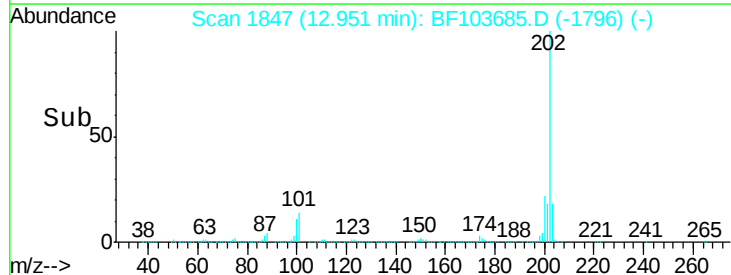
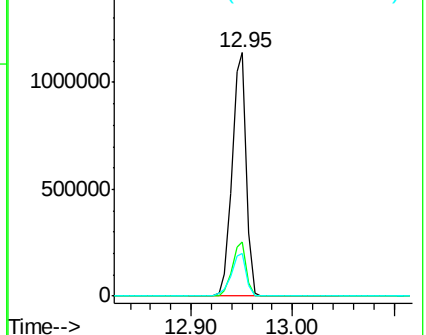
203 17.7 14.3 21.5

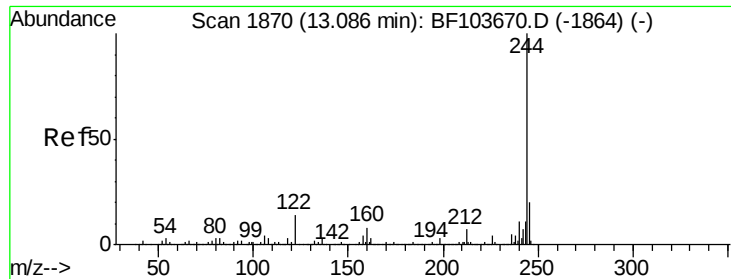


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.876 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

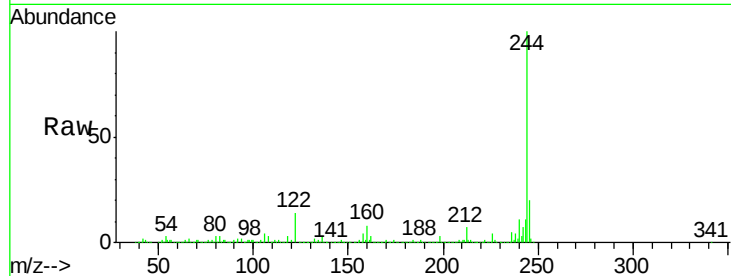
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1459587

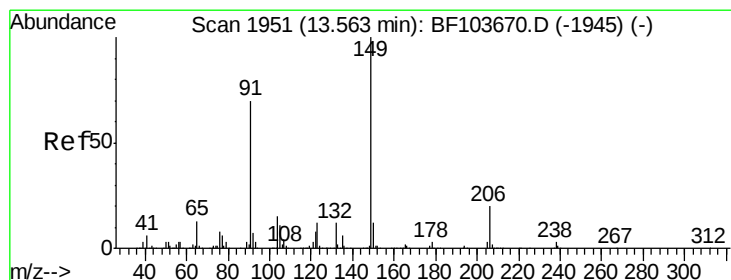
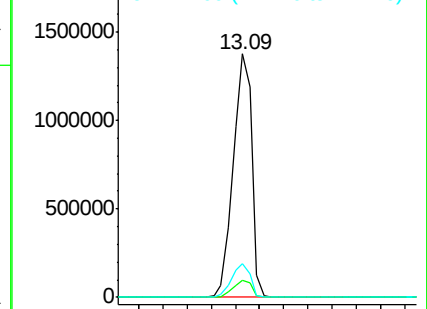
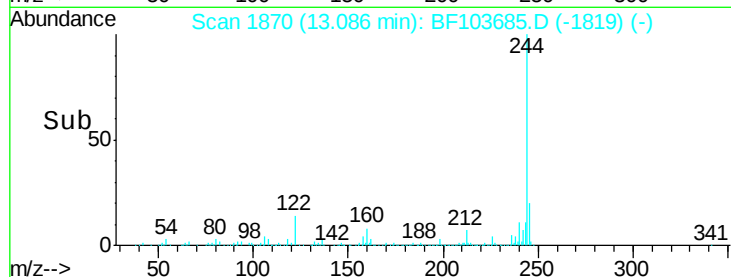
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.8	11.0	16.4



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: 36.726 ng

RT: 13.56 min Scan# 1950

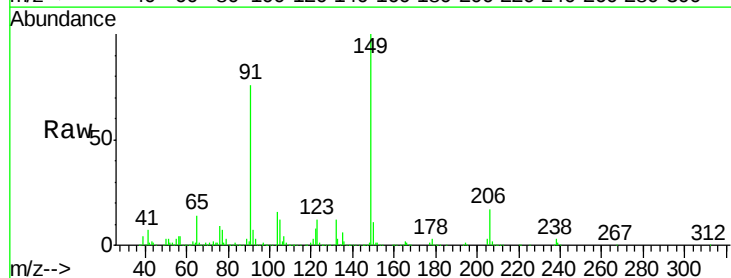
Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Tgt Ion:149 Resp: 548005

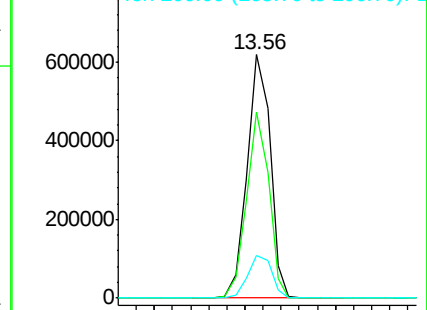
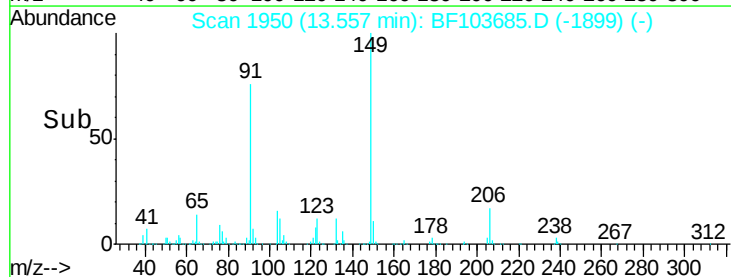
Ion	Ratio	Lower	Upper
149	100		
91	76.3	56.8	85.2
206	17.3	14.1	21.1

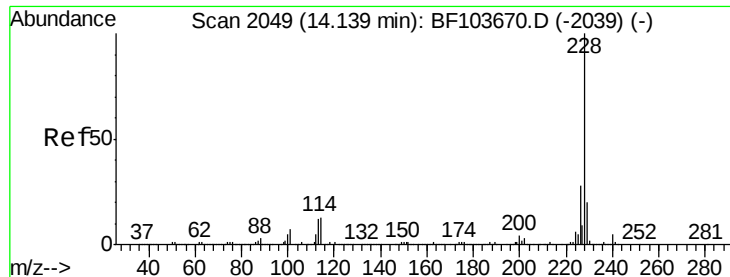


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 32.702 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

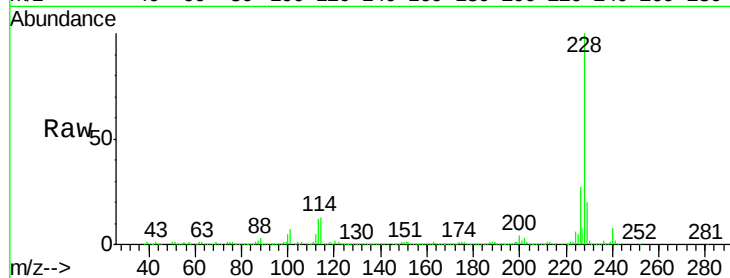
Tot Ion:228 Resp: 949291

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

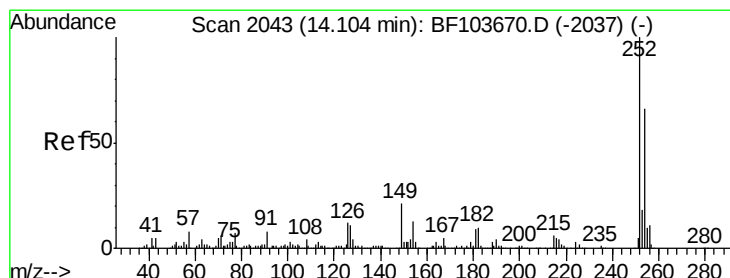
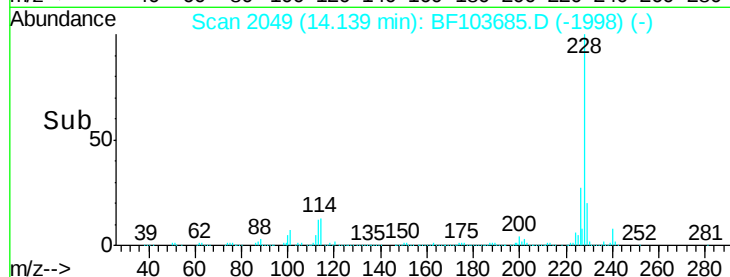
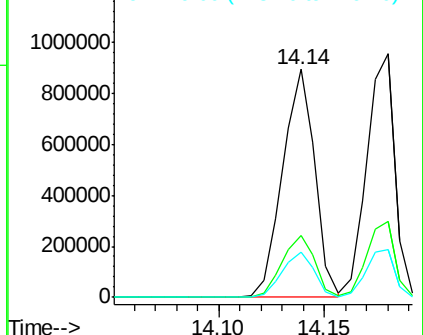
229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 8.874 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

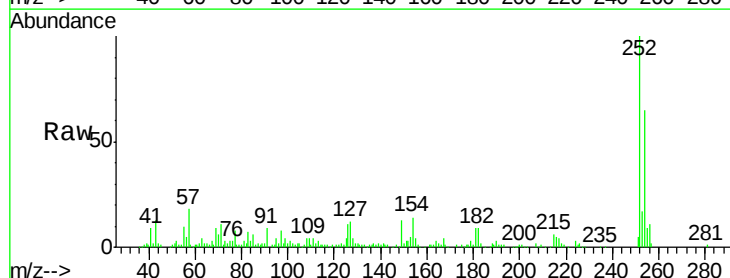
Tgt Ion:252 Resp: 86171

Ion Ratio Lower Upper

252 100

254 64.8 50.4 75.6

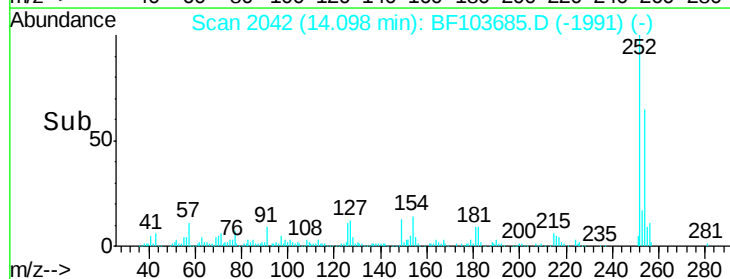
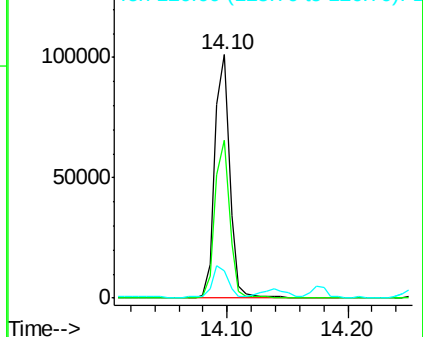
126 11.4 11.3 16.9

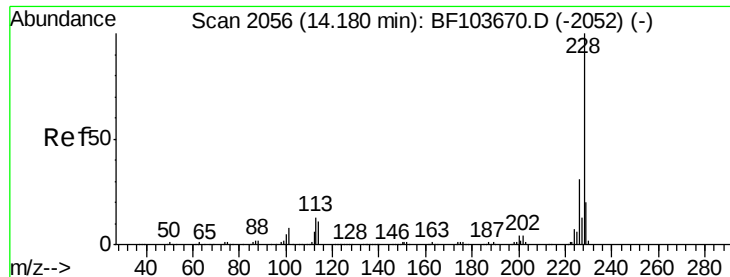


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 32.210 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

Instrument :

BNA_F

ClientSampleId :

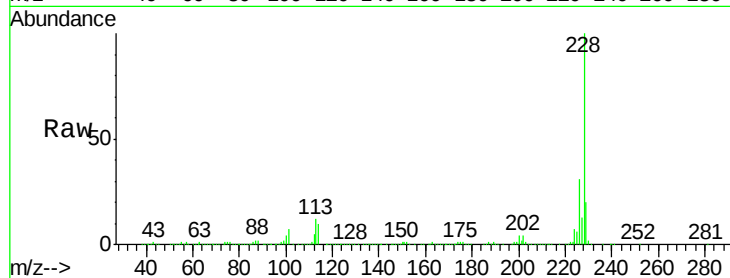
Tot Ion:228 Resp: 891300

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

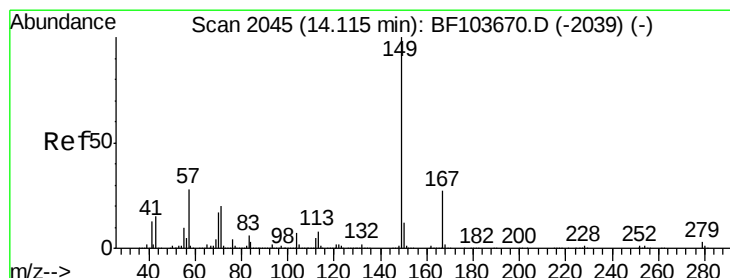
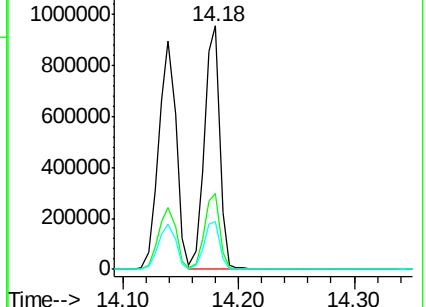
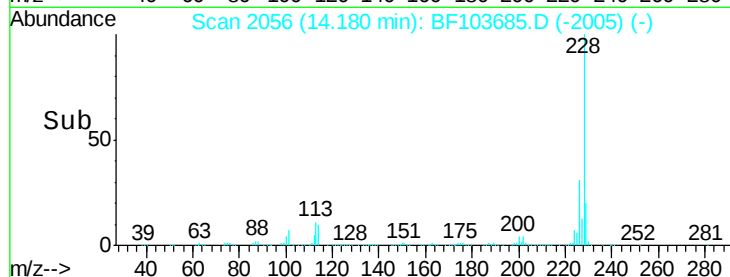
229 19.8 16.2 24.4



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: 35.534 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF103685.D

Acq: 16 Mar 2018 10:10

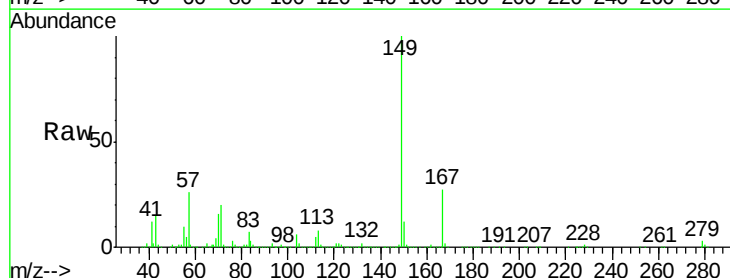
Tgt Ion:149 Resp: 757459

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

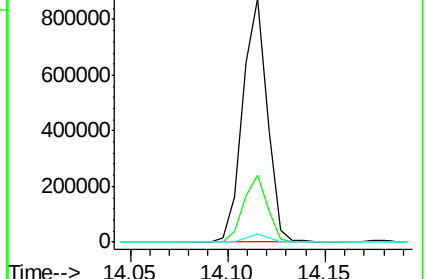
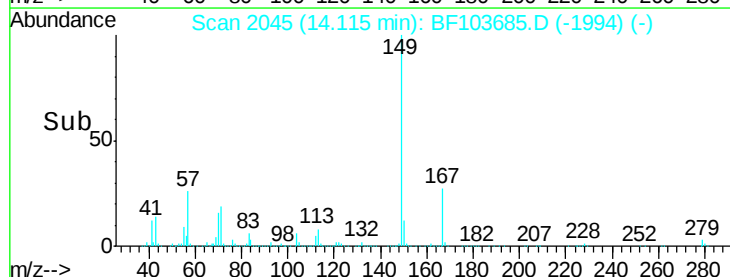
279 3.4 3.0 4.4

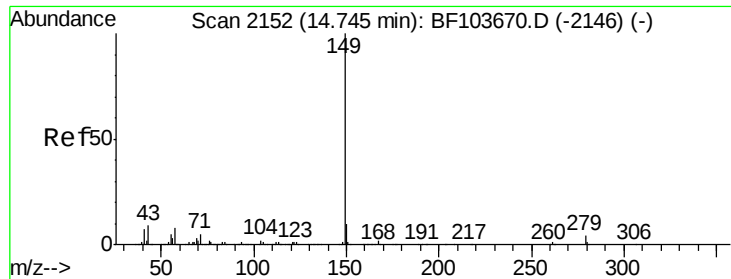


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

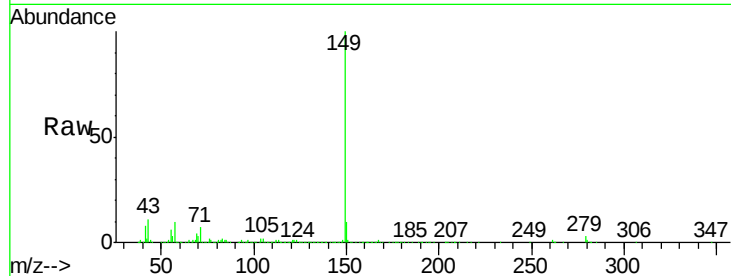




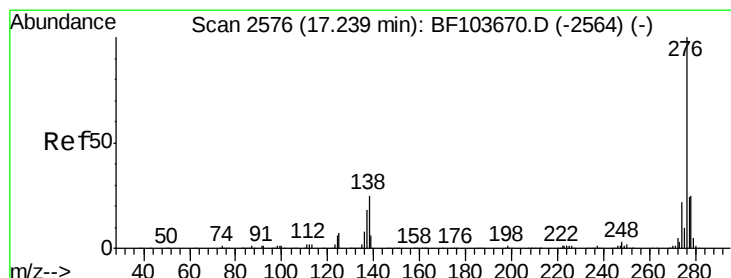
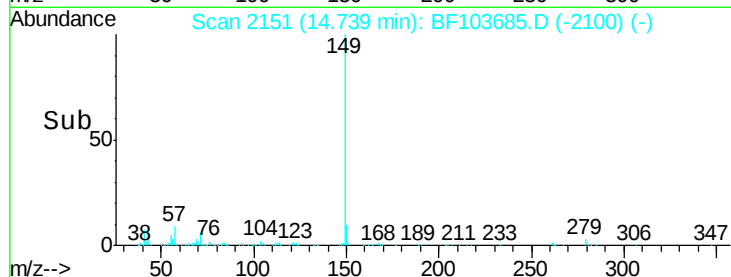
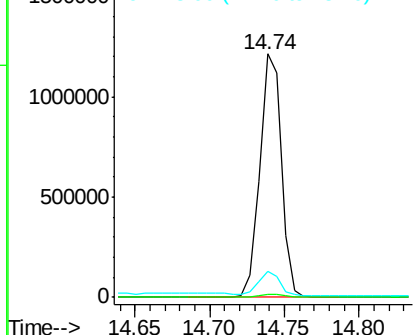
#84
Di-n-octyl phthalate
Concen: 38.562 ng
RT: 14.74 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1195888
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 8.4 12.6

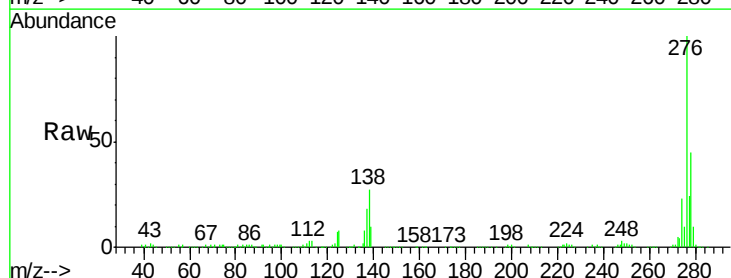


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

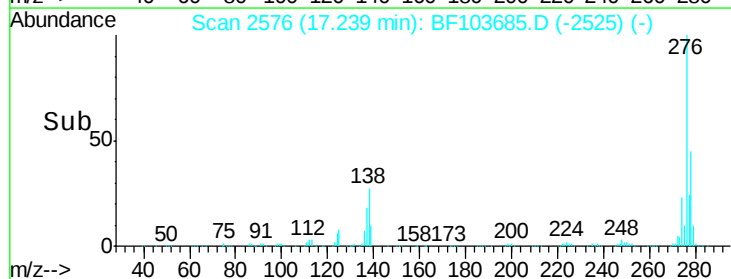
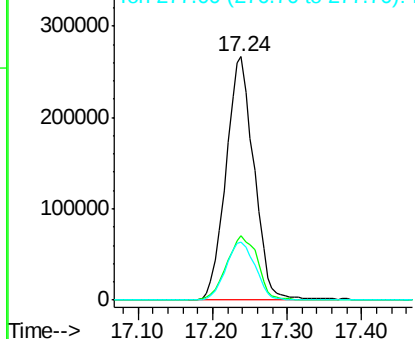


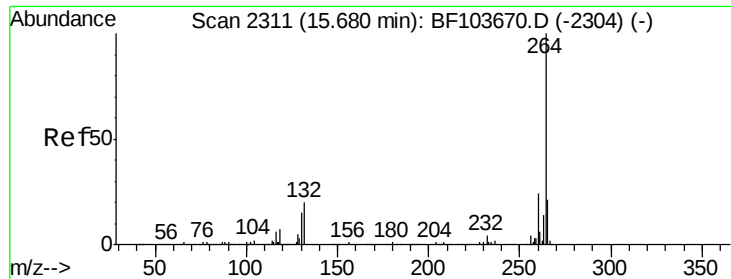
#85
Indeno(1,2,3-cd)pyrene
Concen: 28.786 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion:276 Resp: 695647
Ion Ratio Lower Upper
276 100
138 29.1 25.0 37.6
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

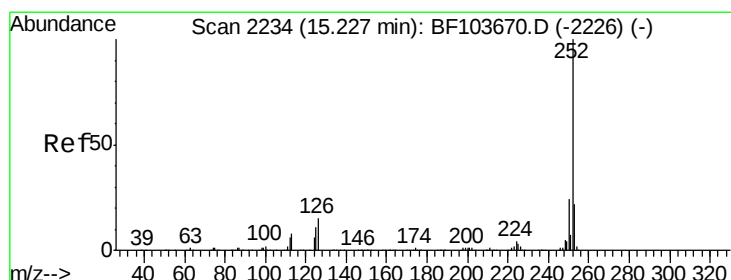
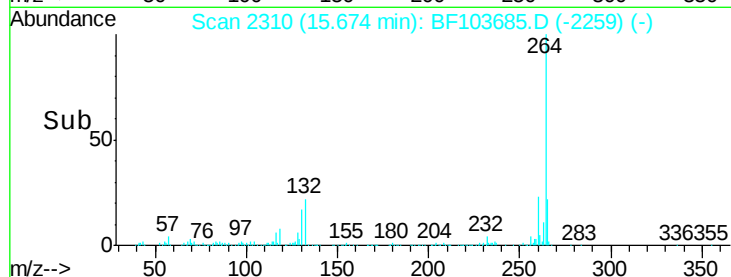
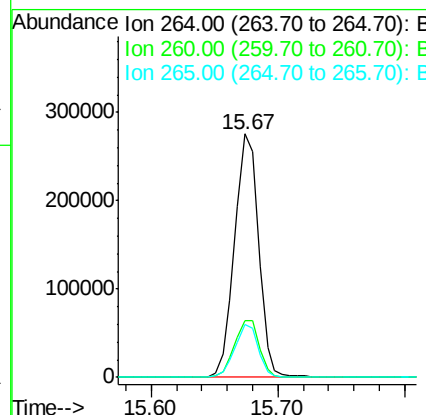
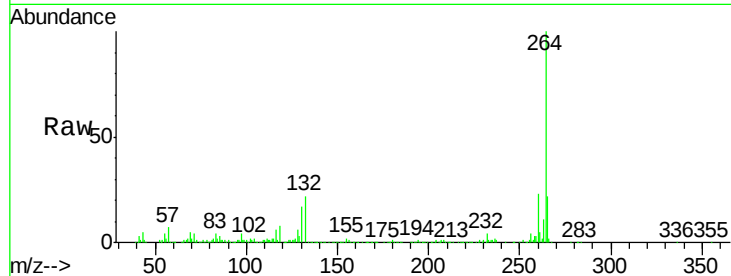




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

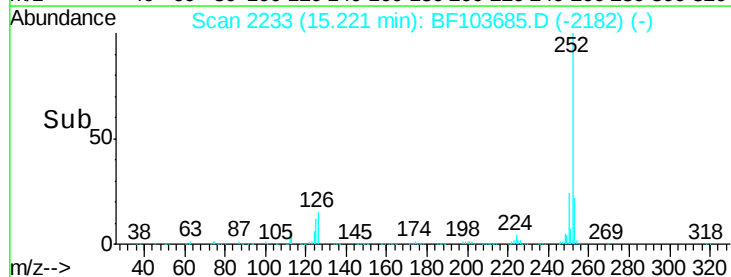
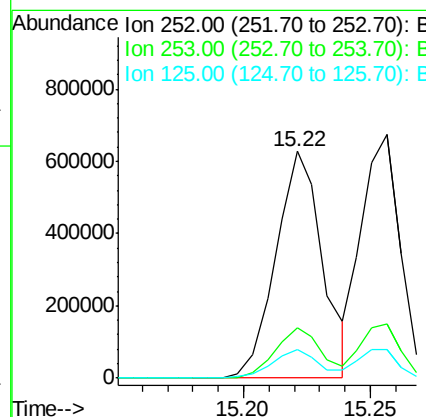
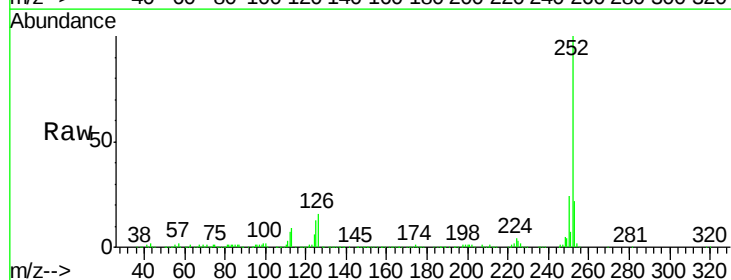
Instrument :
BNA_F
ClientSampleId :

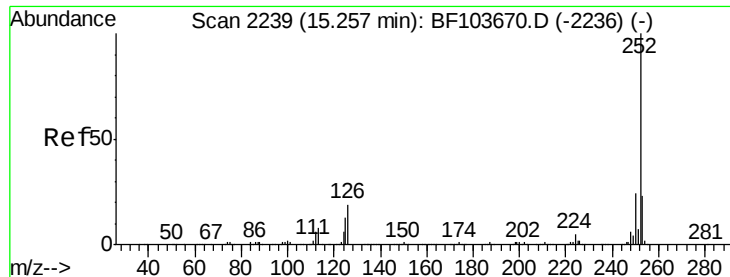
Tot Ion:264 Resp: 361999
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.6 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 35.303 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion:252 Resp: 807394
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 12.6 9.0 13.6

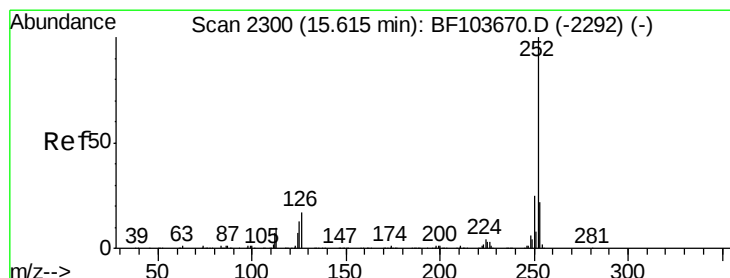
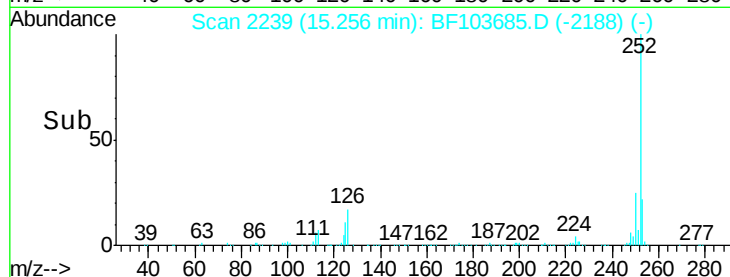
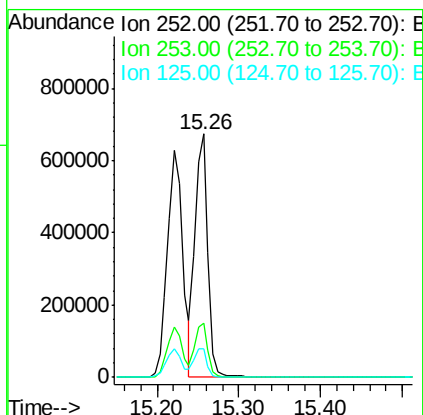
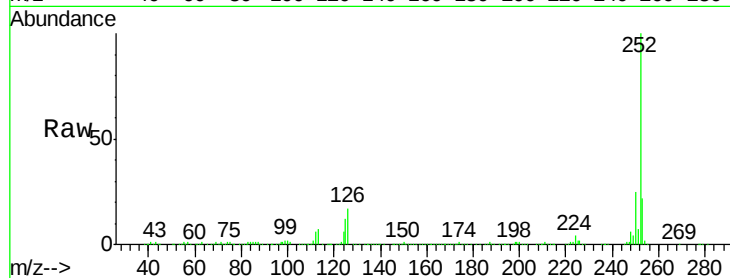




#88
Benzo(k)fluoranthene
Concen: 33.343 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

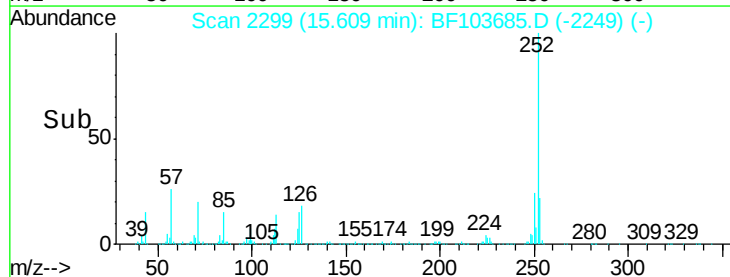
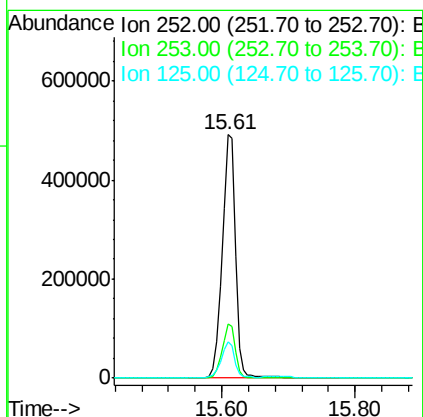
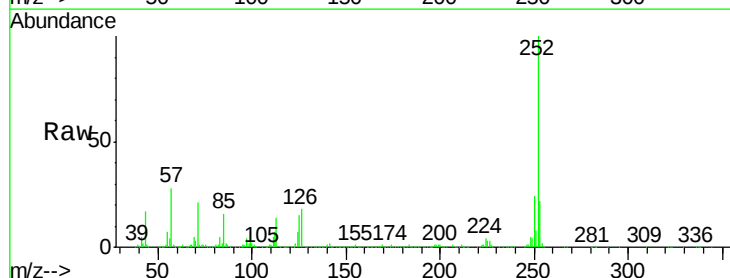
Instrument :
BNA_F
ClientSampleId :

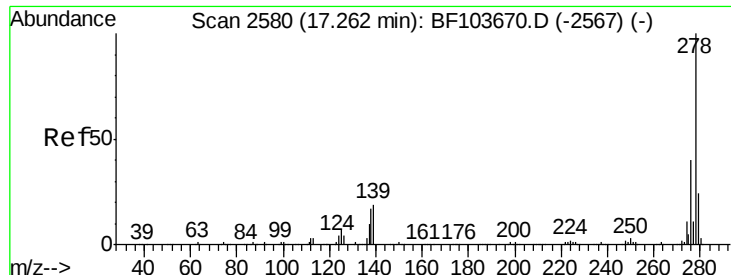
Tot Ion:252 Resp: 733023
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 11.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 33.502 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion:252 Resp: 694950
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 15.2 9.8 14.6#

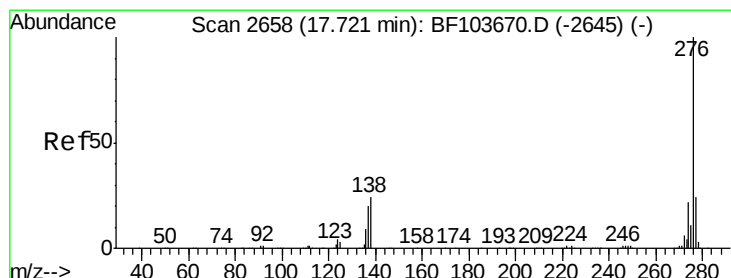
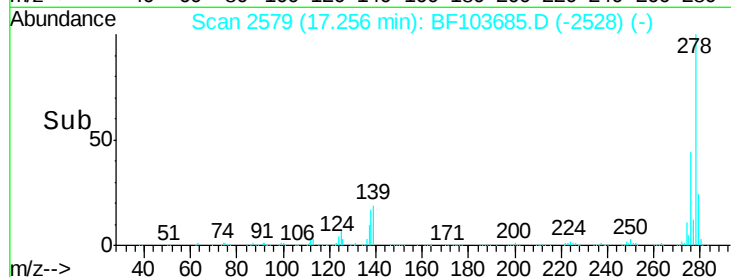
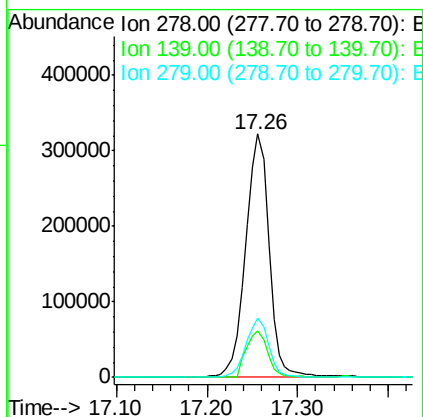
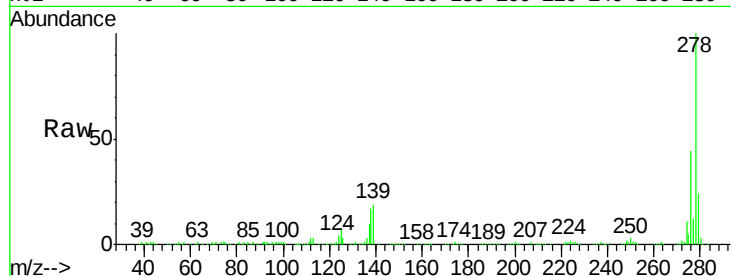




#90
Dibenzo(a,h)anthracene
Concen: 32.399 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.9	23.9
279	24.5	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 33.586 ng
RT: 17.72 min Scan# 2657
Delta R.T. -0.00 min
Lab File: BF103685.D
Acq: 16 Mar 2018 10:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	23.8	21.8	32.8

