

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103670.D
 Acq On : 15 Mar 2018 15:39
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 16:39:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 16:35:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155736	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	647968	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	296795	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	529029	20.00	ng	0.00
75) Chrysene-d12	14.15	240	430701	20.00	ng	0.00
86) Perylene-d12	15.68	264	390094	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	827995	80.41	ng	0.00
7) Phenol-d6	6.59	99	1004726	79.74	ng	0.00
23) Nitrobenzene-d5	7.53	82	778627	68.62	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	220702	87.85	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1441947	82.59	ng	0.00
78) Terphenyl-d14	13.09	244	1424439	79.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	205288	37.747	ng	93
3) Pyridine	3.60	79	556047	38.297	ng	92
4) n-Nitrosodimethylamine	3.56	42	204763	34.969	ng	95
6) Aniline	6.63	93	723353	39.778	ng	98
8) 2-Chlorophenol	6.75	128	435045	40.670	ng	98
9) Benzaldehyde	6.52	77	328181	41.550	ng	98
10) Phenol	6.60	94	530037	36.236	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	436252	39.296	ng	95
12) 1,3-Dichlorobenzene	6.91	146	488134	39.932	ng	98
13) 1,4-Dichlorobenzene	6.99	146	491125	40.073	ng	100
14) 1,2-Dichlorobenzene	7.14	146	452702	40.059	ng	99
15) Benzyl Alcohol	7.10	79	391530	41.237	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	624690	32.768	ng	96
17) 2-Methylphenol	7.20	107	383833	39.485	ng	98
18) Hexachloroethane	7.48	117	176087	39.467	ng	93
19) n-Nitroso-di-n-propylamine	7.38	70	318444	40.608	ng	95
20) 3+4-Methylphenols	7.36	107	490234	41.370	ng	95
22) Acetophenone	7.37	105	654878	43.299	ng	# 97
24) Nitrobenzene	7.55	77	455111	36.432	ng	98
25) Isophorone	7.79	82	838703	37.532	ng	98
26) 2-Nitrophenol	7.86	139	145691	24.774	ng	97
27) 2,4-Dimethylphenol	7.89	122	367040	40.831	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	515485	39.235	ng	100
29) 2,4-Dichlorophenol	8.10	162	344253	40.000	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	384515	41.956	ng	99
31) Naphthalene	8.27	128	1278967	40.316	ng	99
32) Benzoic acid	8.00	122	218045	36.747	ng	99
33) 4-Chloroaniline	8.32	127	552285	40.344	ng	99
34) Hexachlorobutadiene	8.39	225	212057	44.433	ng	100
35) Caprolactam	8.69	113	116119	38.390	ng	89
36) 4-Chloro-3-methylphenol	8.79	107	374948	38.626	ng	100
37) 2-Methylnaphthalene	8.96	142	823054	40.145	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	338940	41.773	ng	99
40) Hexachlorocyclopentadiene	9.12	237	185883	82.485	ng	98

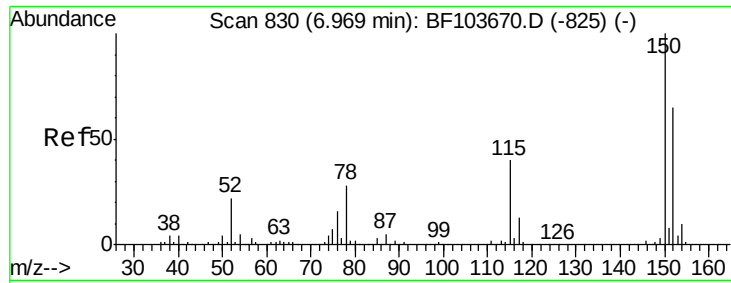
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103670.D
 Acq On : 15 Mar 2018 15:39
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	229381	42.014	ng	99
43) 2,4,5-Trichlorophenol	9.27	196	257907	41.073	ng	97
45) 1,1'-Biphenyl	9.43	154	984435	39.583	ng	100
46) 2-Chloronaphthalene	9.46	162	786175	39.957	ng	98
47) 2-Nitroaniline	9.55	65	196138	26.912	ng	92
48) Acenaphthylene	9.87	152	1204934	39.803	ng	99
49) Dimethylphthalate	9.73	163	906967	38.093	ng	99
50) 2,6-Dinitrotoluene	9.79	165	174087	34.842	ng	# 86
51) Acenaphthene	10.05	154	724841	41.062	ng	99
52) 3-Nitroaniline	9.96	138	210547	33.214	ng	97
53) 2,4-Dinitrophenol	10.06	184	30610	22.055	ng	# 46
54) Dibenzofuran	10.22	168	1027257	42.392	ng	98
55) 4-Nitrophenol	10.10	139	155855	39.670	ng	93
56) 2,4-Dinitrotoluene	10.19	165	215884	34.163	ng	96
57) Fluorene	10.56	166	797633	38.640	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	187013	44.335	ng	99
59) Diethylphthalate	10.43	149	900420	39.541	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	361479	41.294	ng	95
61) 4-Nitroaniline	10.57	138	203006	32.062	ng	94
62) Azobenzene	10.71	77	913139	39.395	ng	98
64) 4,6-Dinitro-2-methylphenol	10.60	198	68591	23.188	ng	95
65) n-Nitrosodiphenylamine	10.67	169	722461	39.222	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	220517	40.015	ng	96
67) Hexachlorobenzene	11.10	284	247956	41.454	ng	98
68) Atrazine	11.19	200	225994	40.819	ng	98
69) Pentachlorophenol	11.30	266	151698	52.451	ng	98
70) Phenanthrene	11.53	178	1139007	39.122	ng	99
71) Anthracene	11.58	178	1164101	38.992	ng	99
72) Carbazole	11.73	167	1142262	38.421	ng	100
73) Di-n-butylphthalate	12.05	149	1390908	37.389	ng	99
74) Fluoranthene	12.72	202	1195228	40.853	ng	100
76) Benzidine	12.84	184	750942	46.637	ng	99
77) Pyrene	12.95	202	1234619	36.766	ng	99
79) Butylbenzylphthalate	13.56	149	576416	32.489	ng	98
80) Benzo(a)anthracene	14.14	228	1086658	38.885	ng	100
81) 3,3'-Dichlorobenzidine	14.10	252	386108	38.715	ng	96
82) Chrysene	14.18	228	1022994	37.701	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	835711	34.906	ng	100
84) Di-n-octyl phthalate	14.74	149	1272714	32.901	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	919921	42.824	ng	97
87) Benzo(b)fluoranthene	15.23	252	972400	37.913	ng	99
88) Benzo(k)fluoranthene	15.26	252	952461	39.436	ng	99
89) Benzo(a)pyrene	15.62	252	896280	39.132	ng	98
90) Dibenzo(a,h)anthracene	17.26	278	767659	43.375	ng	99
91) Benzo(g,h,i)perylene	17.72	276	736763	42.594	ng	96

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

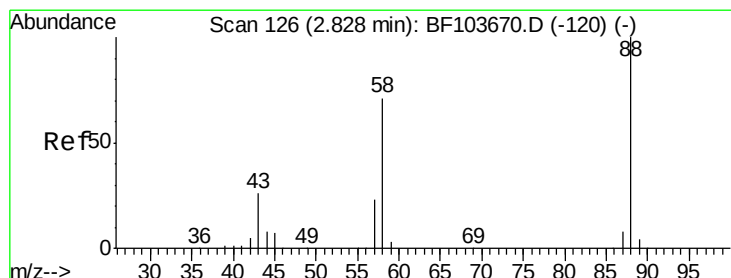
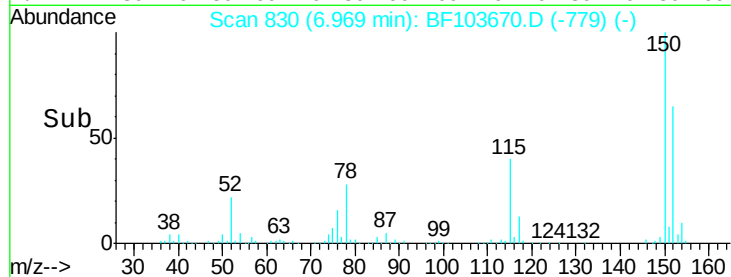
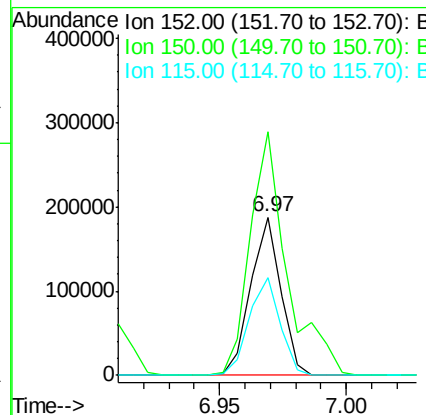
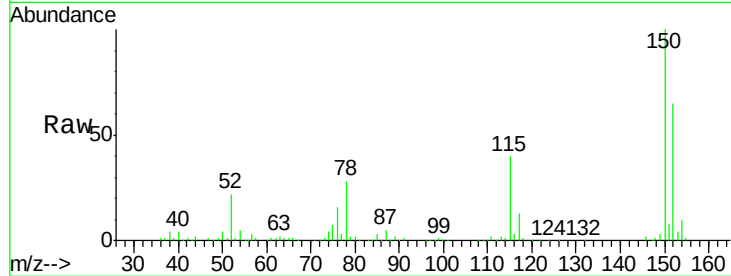


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Instrument :
BNA_F
ClientSampleId :

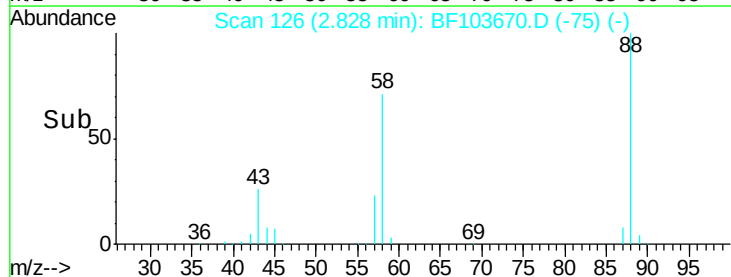
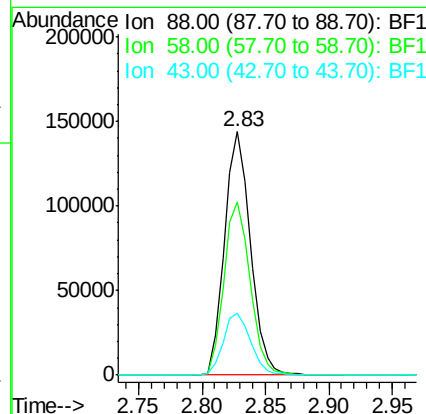
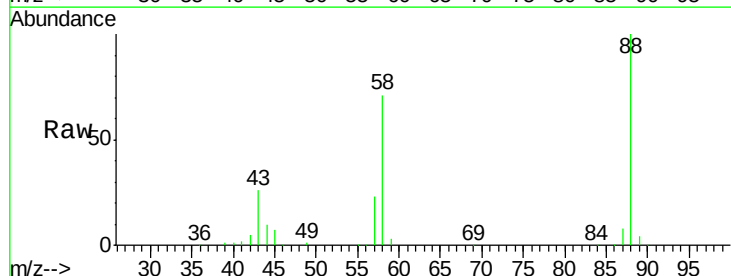
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	61.7	50.1	75.1

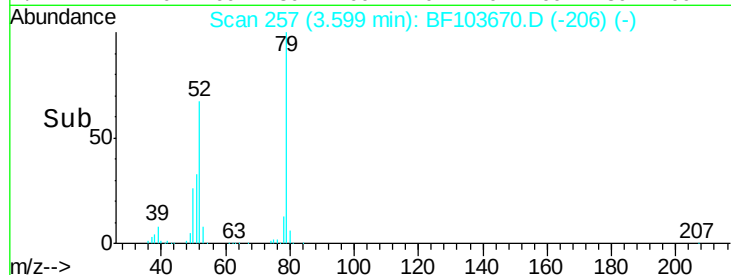
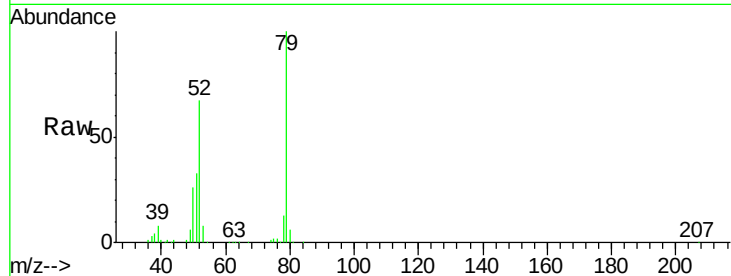
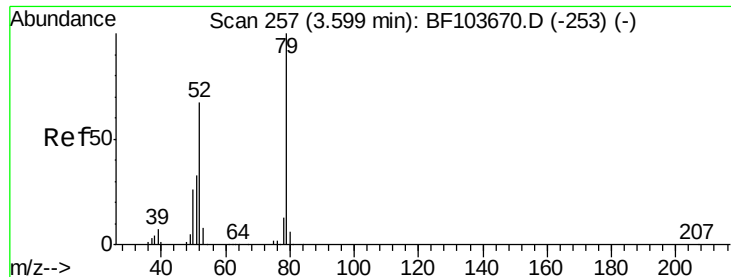


#2

1,4-Dioxane
Concen: 37.747 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	62.6	93.8
43	27.1	24.6	37.0





#3

Pvridine

Concen: 38.297 ng

RT: 3.60 min Scan# 257

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

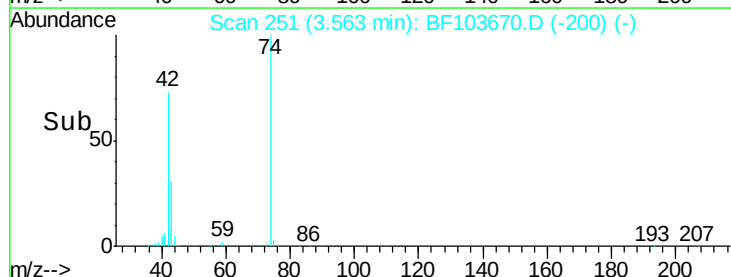
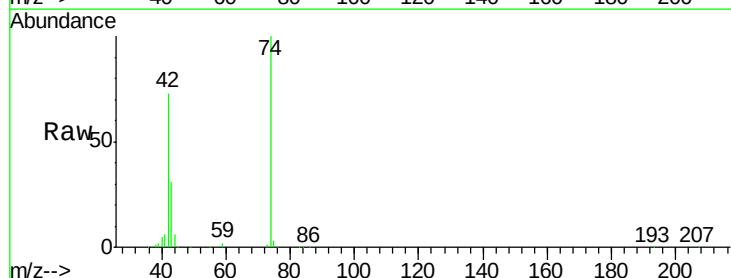
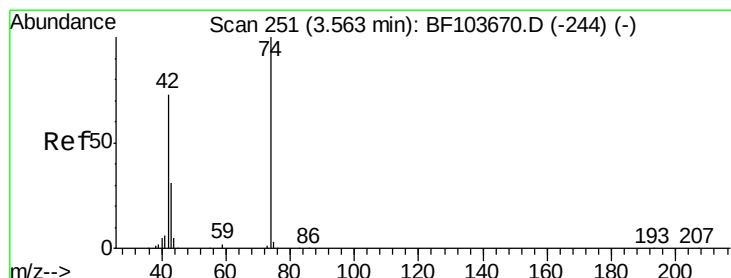
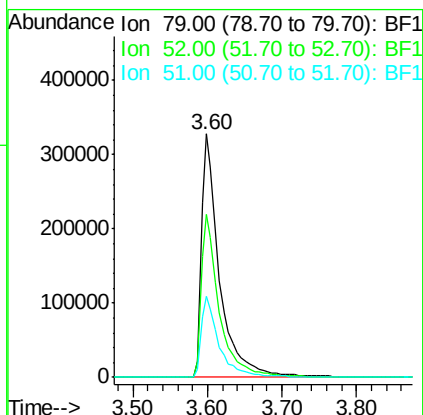
Tot Ion: 79 Resp: 556047

Ion Ratio Lower Upper

79 100

52 66.8 59.8 89.6

51 33.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.969 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

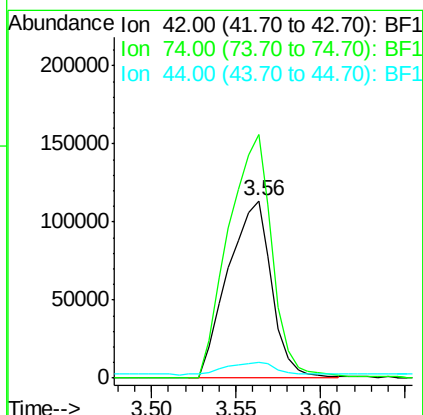
Tgt Ion: 42 Resp: 204763

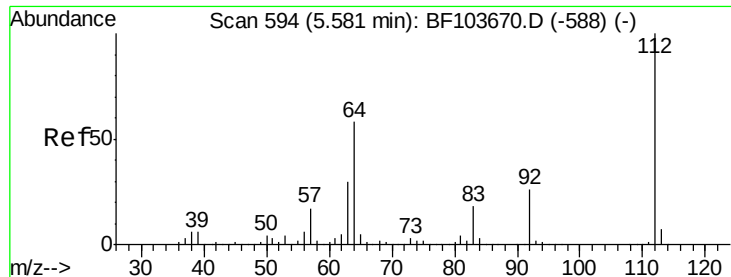
Ion Ratio Lower Upper

42 100

74 137.5 104.9 157.3

44 8.9 6.9 10.3





#5

2-Fluorophenol

Concen: 80.411 ng

RT: 5.58 min Scan# 594

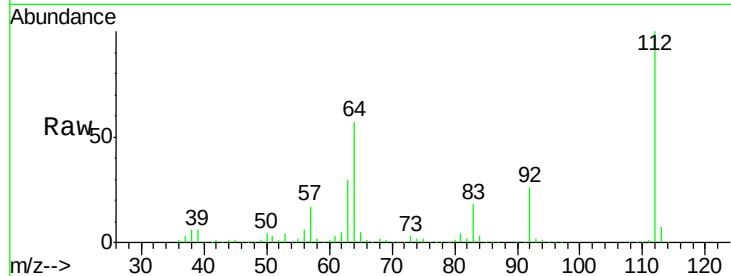
Delta R.T. 0.00 min

Lab File: BF103670.D

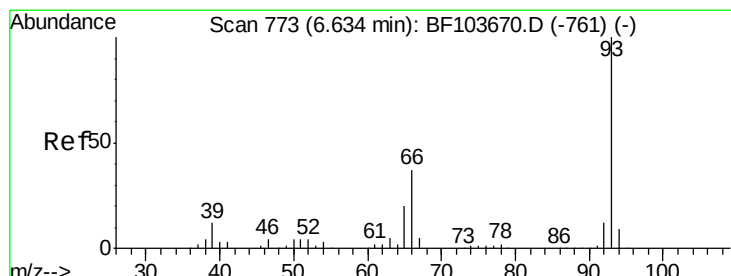
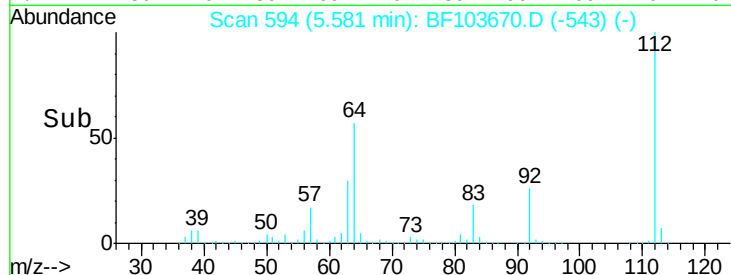
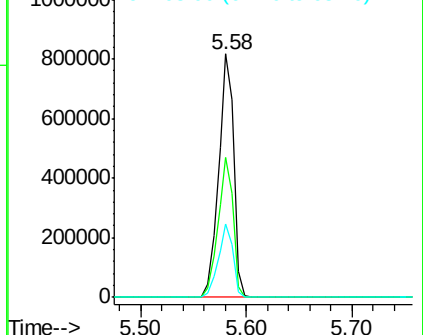
Acq: 15 Mar 2018 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	827995
Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	30.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.778 ng

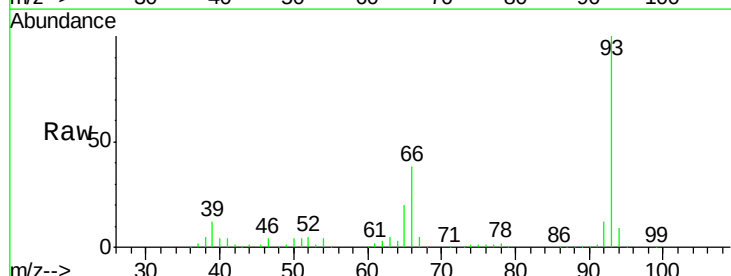
RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

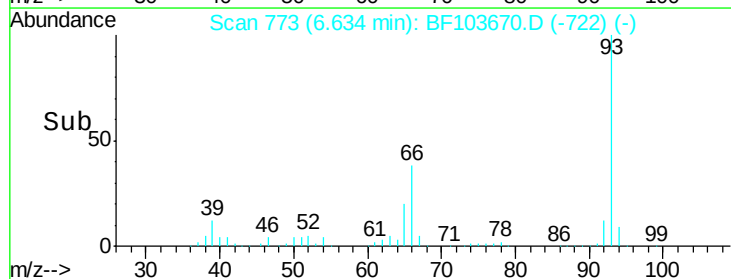
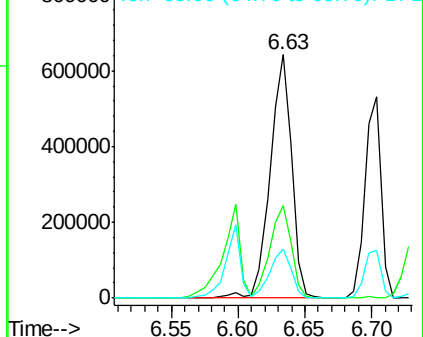
Lab File: BF103670.D

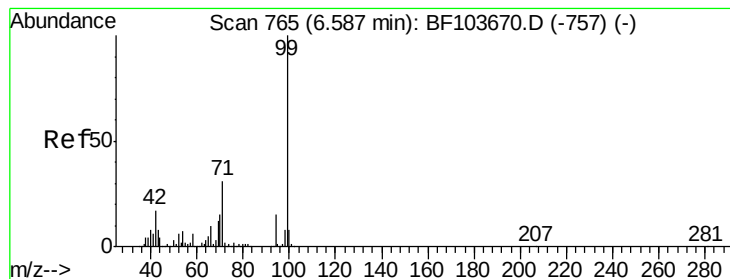
Acq: 15 Mar 2018 15:39

Tgt Ion:	93	Resp:	723353
Ion	Ratio	Lower	Upper
93	100		
66	38.1	32.2	48.2
65	20.2	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: 79.740 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampled :

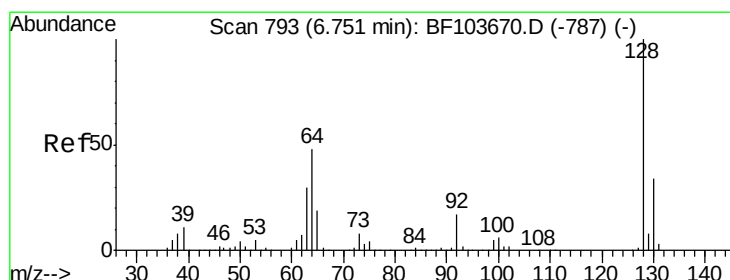
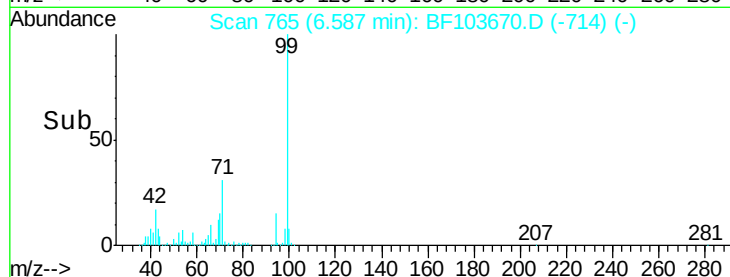
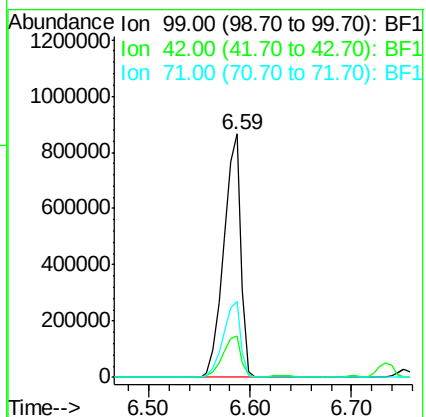
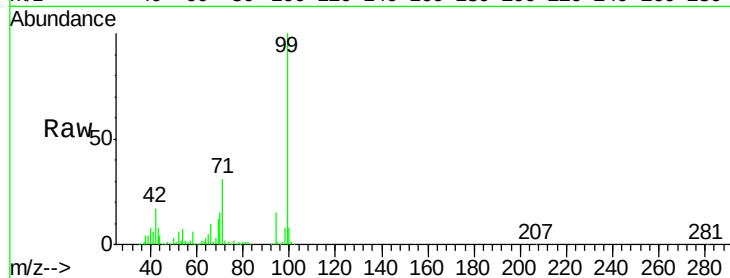
Tot Ion: 99 Resp: 1004726

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

71 31.2 25.4 38.0



#8

2-Chlorophenol

Concen: 40.670 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

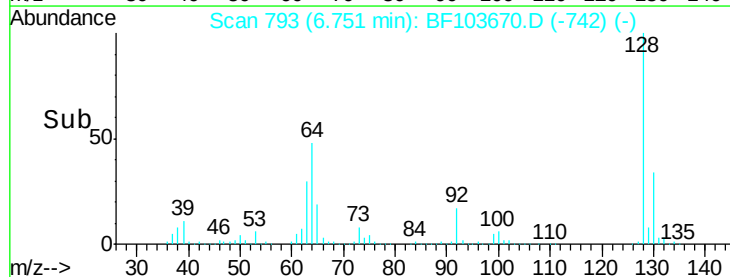
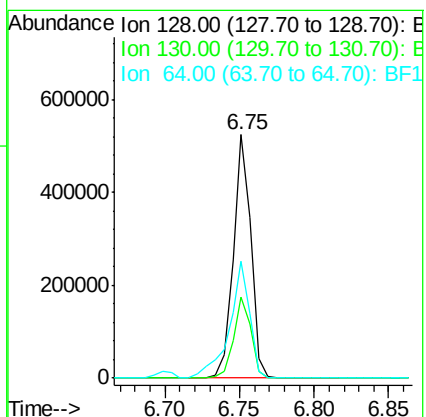
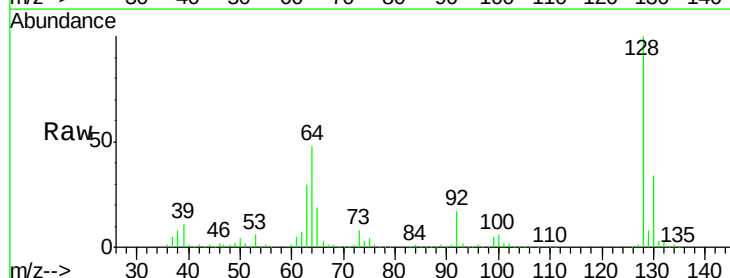
Tgt Ion: 128 Resp: 435045

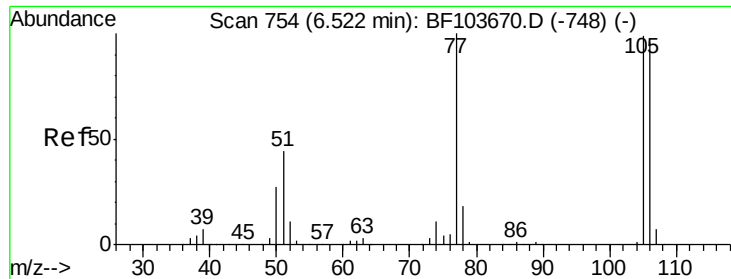
Ion Ratio Lower Upper

128 100

130 33.5 13.0 53.0

64 48.1 29.4 69.4





#9

Benzaldehyde

Concen: 41.550 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

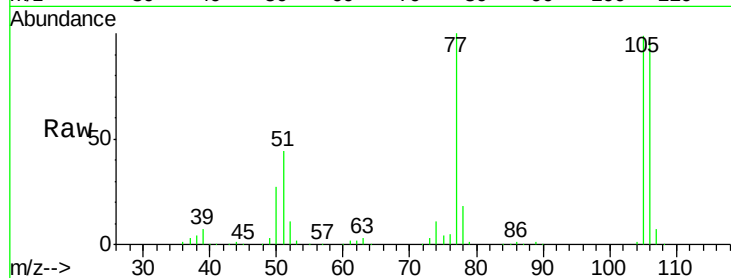
Tot Ion: 77 Resp: 328181

Ion Ratio Lower Upper

77 100

105 99.4 81.1 121.1

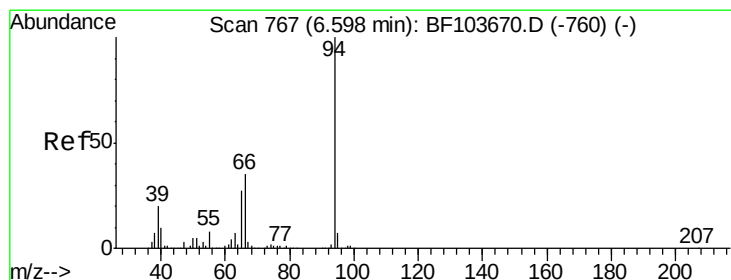
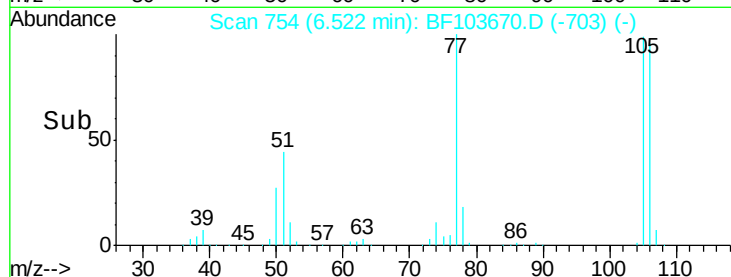
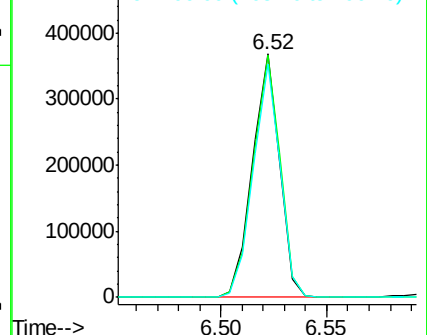
106 95.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.236 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

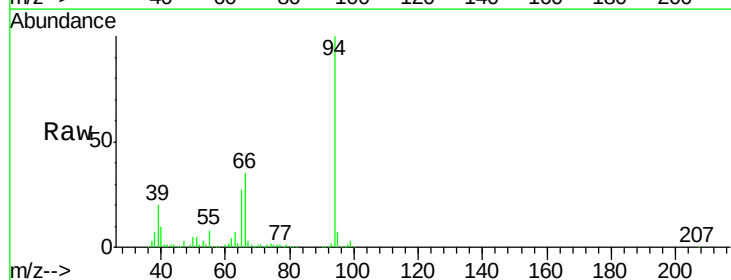
Tgt Ion: 94 Resp: 530037

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

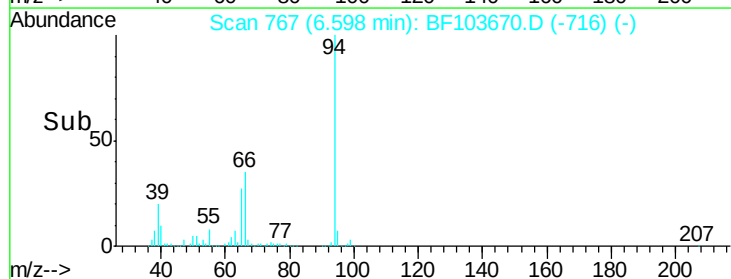
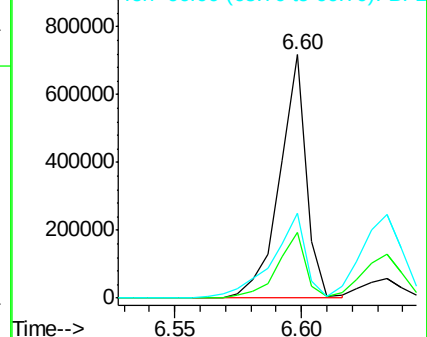
66 34.6 16.2 56.2

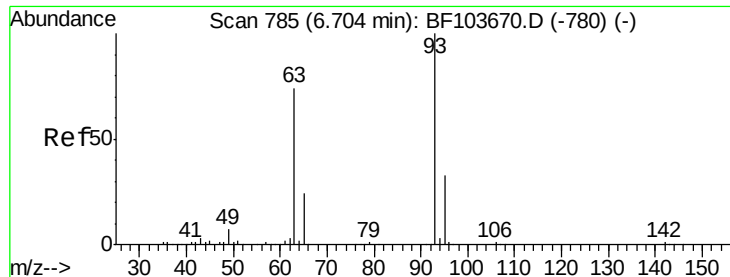


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

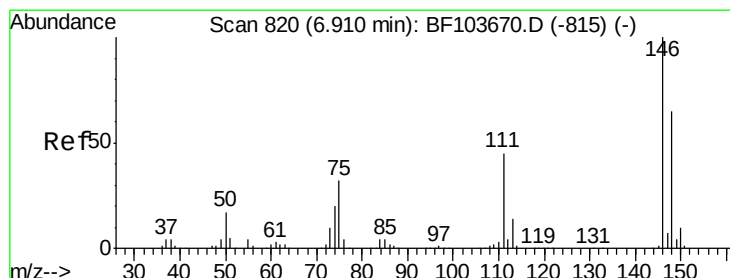
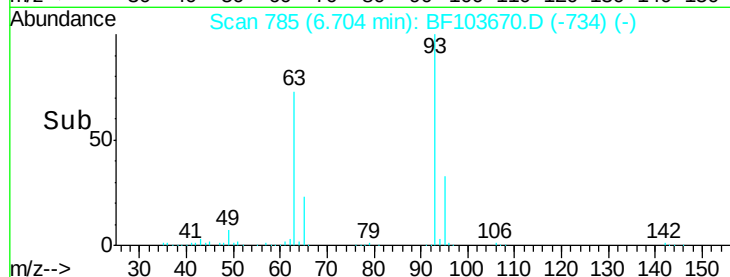
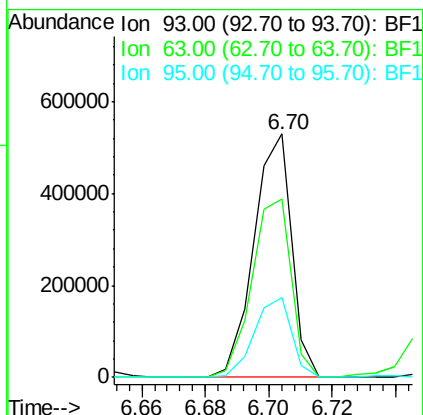
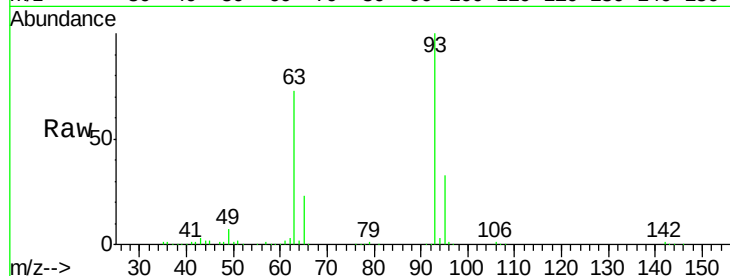




#11
bis(2-Chloroethyl)ether
Concen: 39.296 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

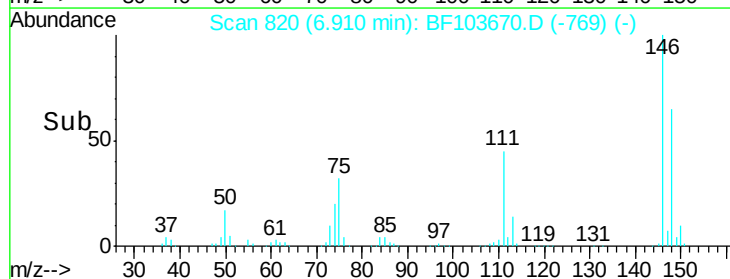
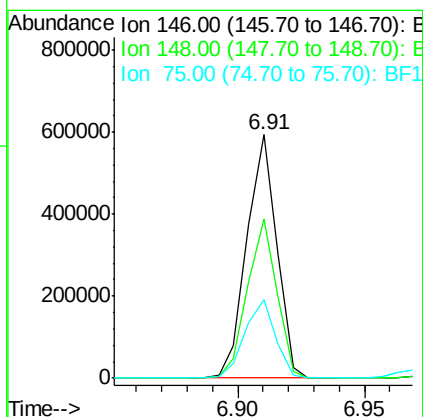
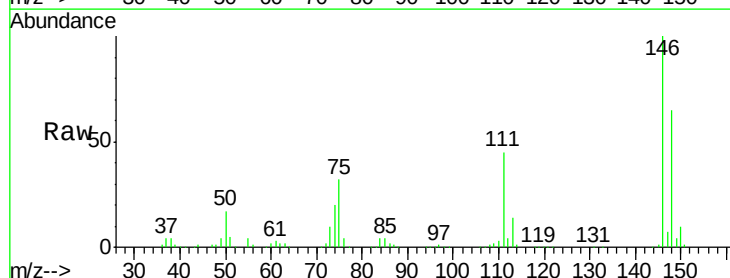
Instrument :
BNA_F
ClientSampleId :

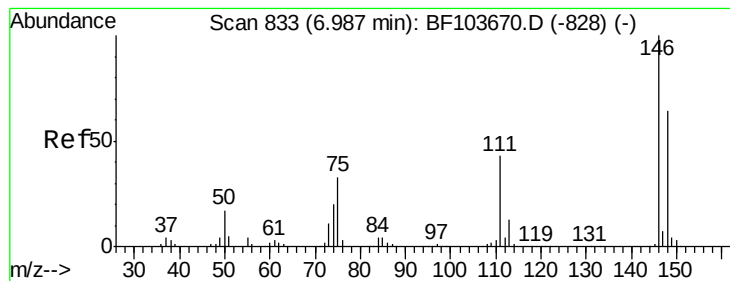
Tot Ion: 93 Resp: 436252
Ion Ratio Lower Upper
93 100
63 73.5 58.6 98.6
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.932 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion: 146 Resp: 488134
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 32.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.073 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

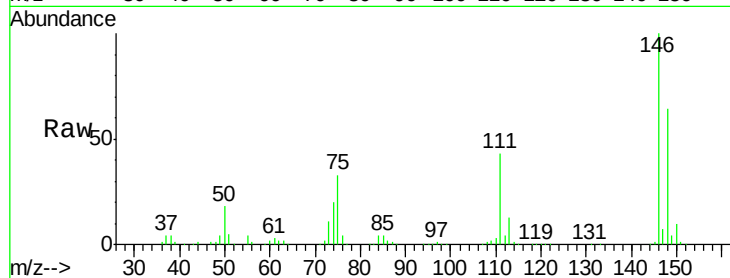
Tot Ion:146 Resp: 491125

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

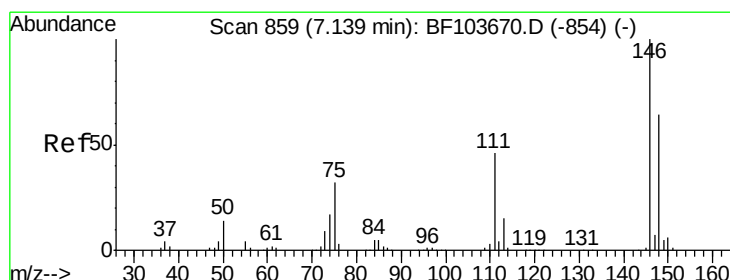
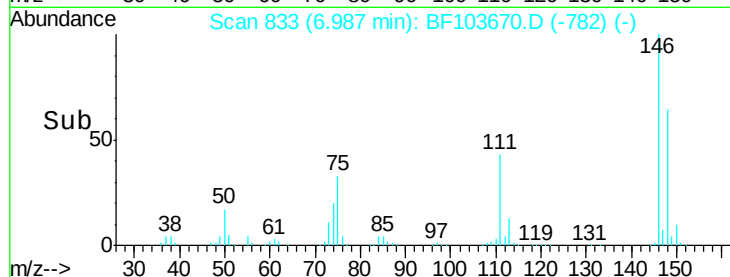
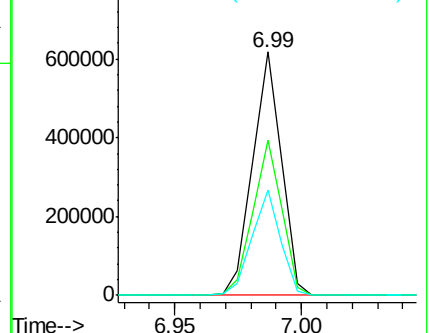
111 43.3 34.2 51.2



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: 40.059 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

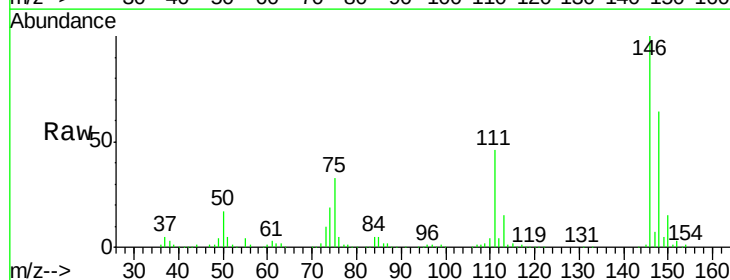
Tgt Ion:146 Resp: 452702

Ion Ratio Lower Upper

146 100

148 64.0 50.6 75.8

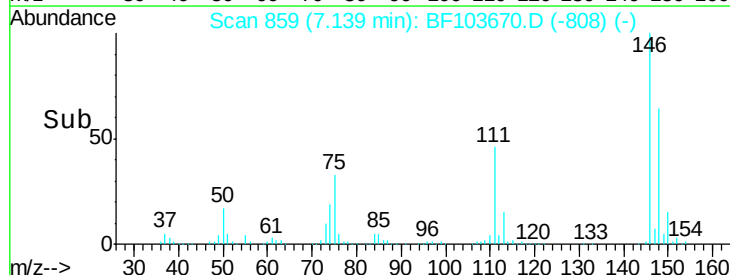
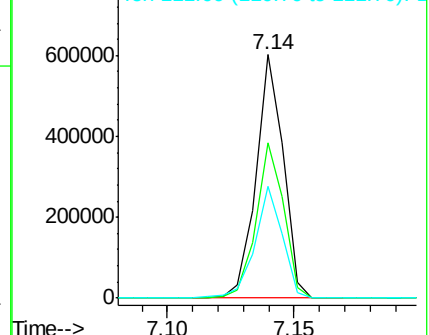
111 45.8 36.0 54.0

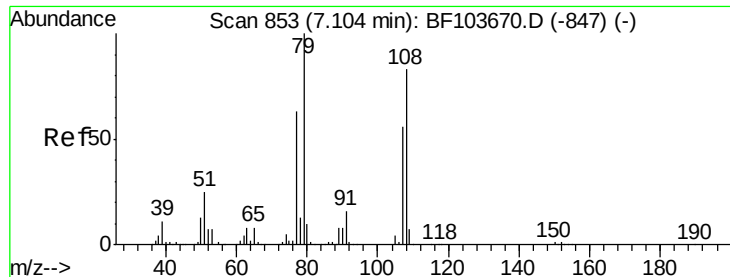


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

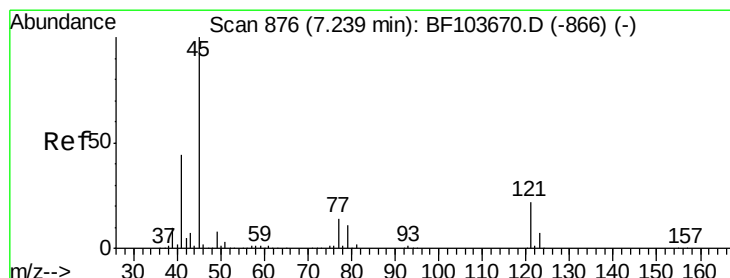
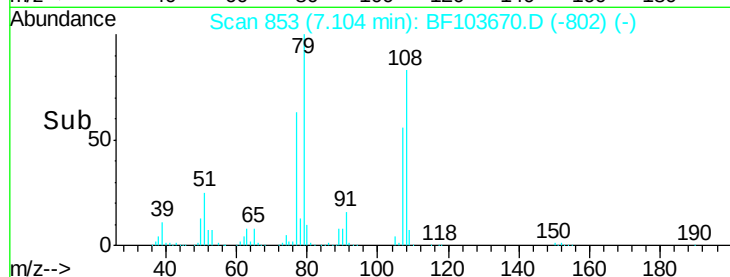
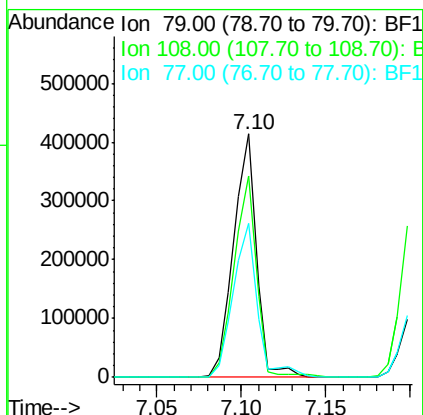
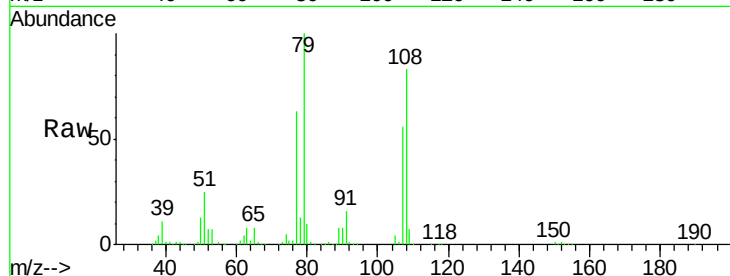




#15
Benzyl Alcohol
Concen: 41.237 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

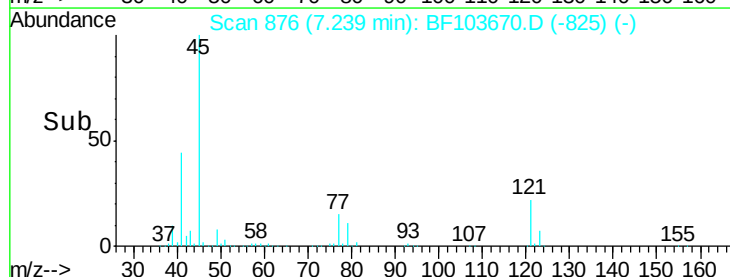
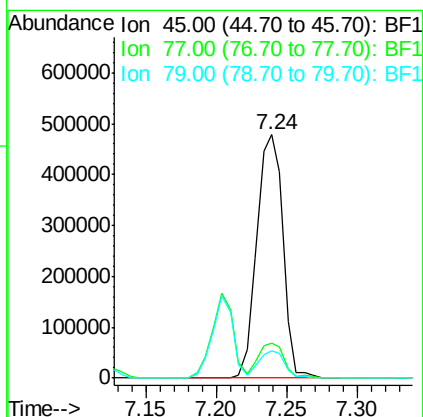
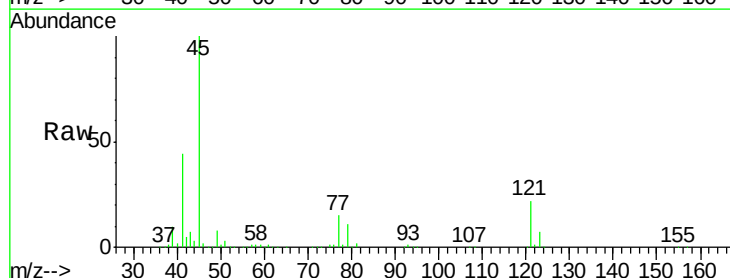
Instrument :
BNA_F
ClientSampled :

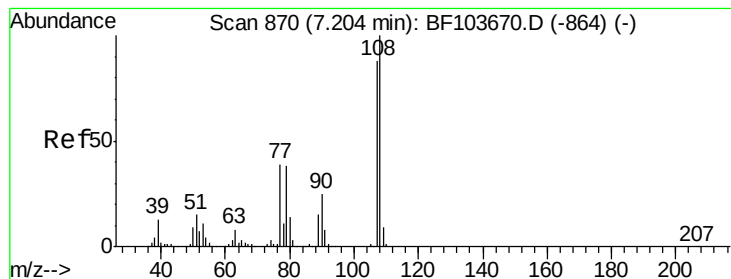
Tot Ion: 79 Resp: 391530
Ion Ratio Lower Upper
79 100
108 82.6 65.1 97.7
77 63.2 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 32.768 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion: 45 Resp: 624690
Ion Ratio Lower Upper
45 100
77 14.5 0.0 32.9
79 11.3 0.0 29.6

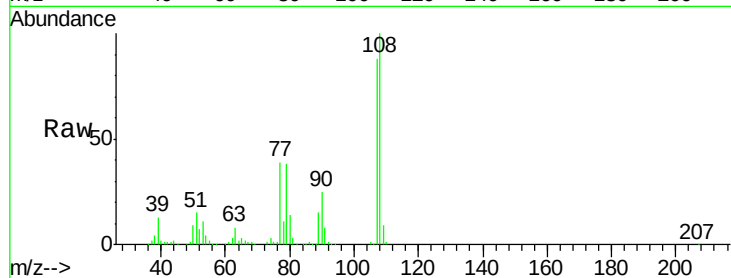




#17
2-Methylphenol
Concen: 39.485 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.7	137.5
77	44.6	33.8	50.8
79	43.1	33.8	50.8



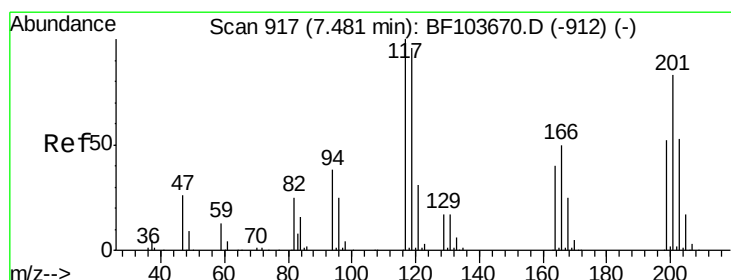
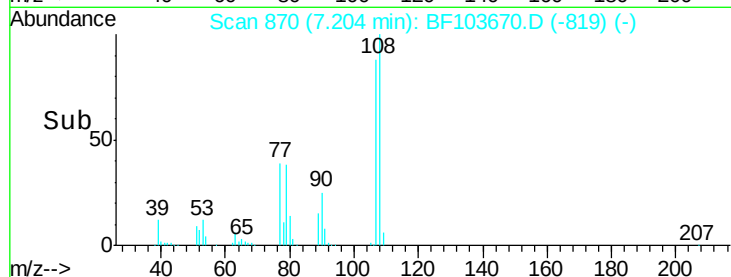
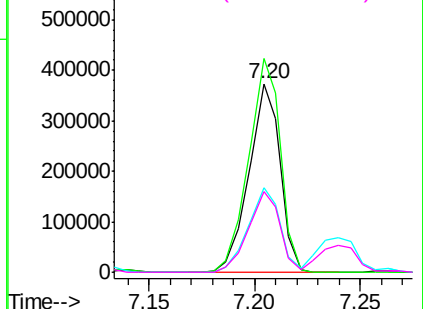
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

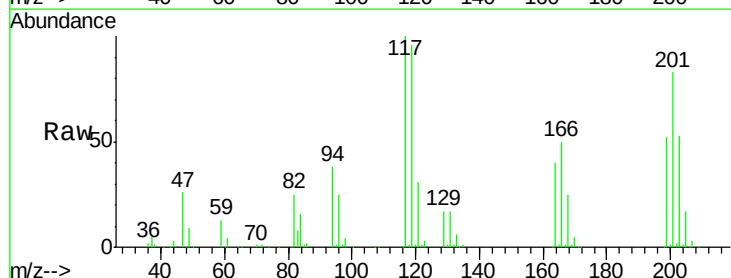
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.467 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	83.3	75.7	113.5

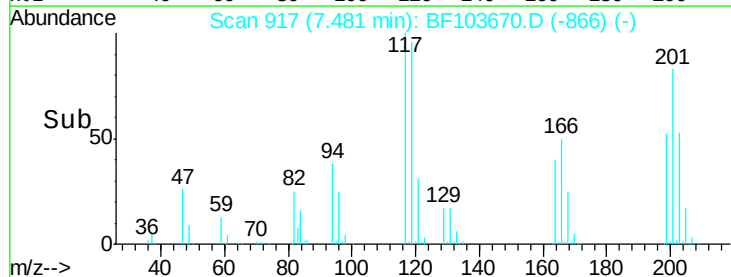
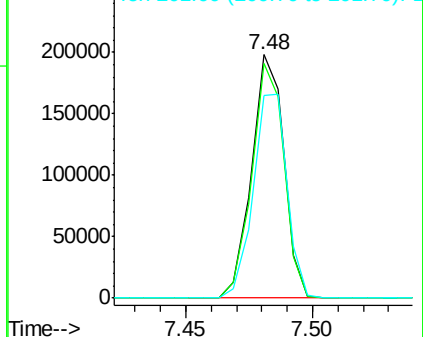


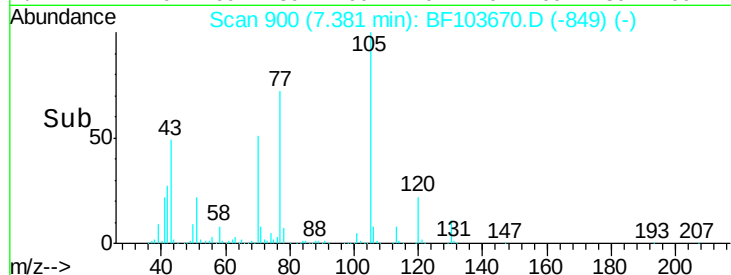
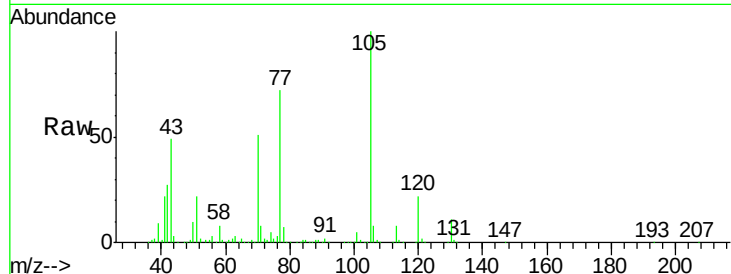
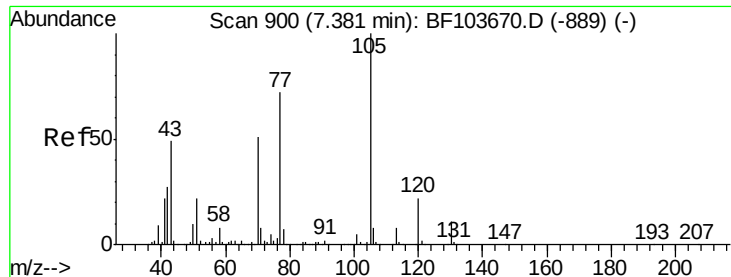
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

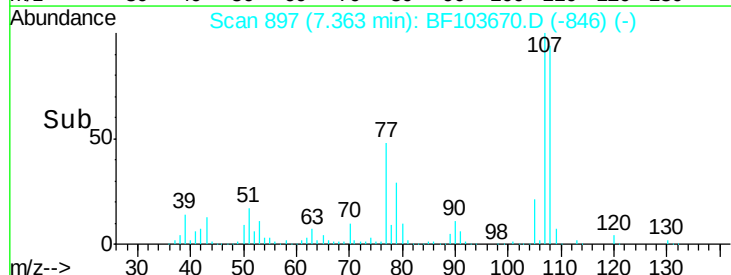
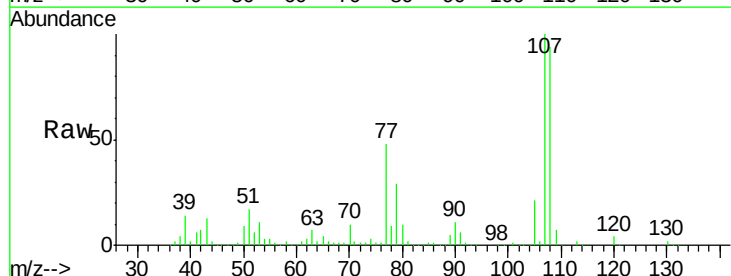
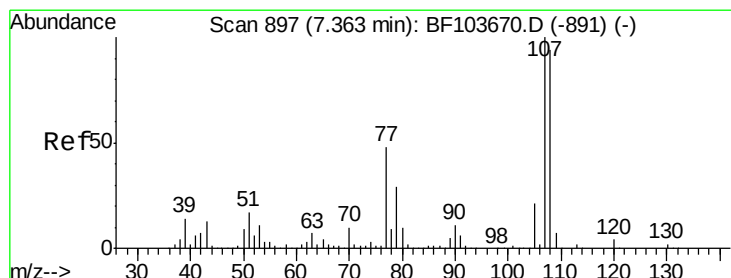
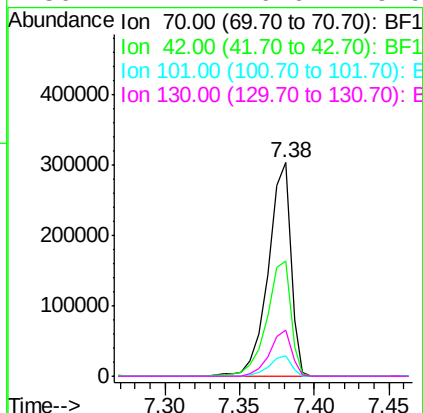




#19
n-Nitroso-di-n-propylamine
Concen: 40.608 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

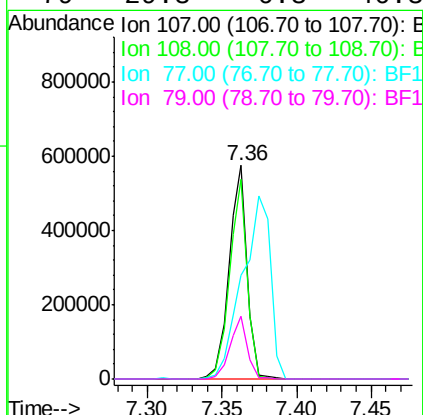
Instrument :
BNA_F
ClientSampleId :

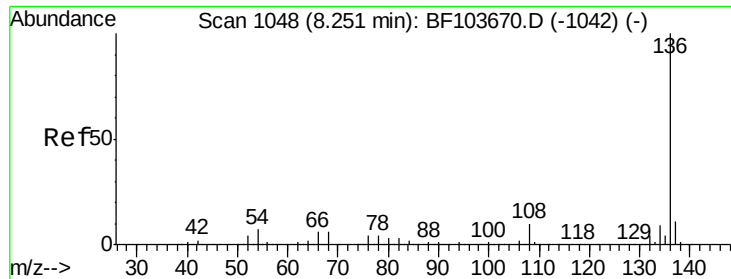
Tot Ion: 70 Resp: 318444
Ion Ratio Lower Upper
70 100
42 54.2 47.5 71.3
101 9.5 7.4 11.2
130 21.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 41.370 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion:107 Resp: 490234
Ion Ratio Lower Upper
107 100
108 93.7 68.2 108.2
77 48.4 26.7 66.7
79 29.3 6.3 46.3

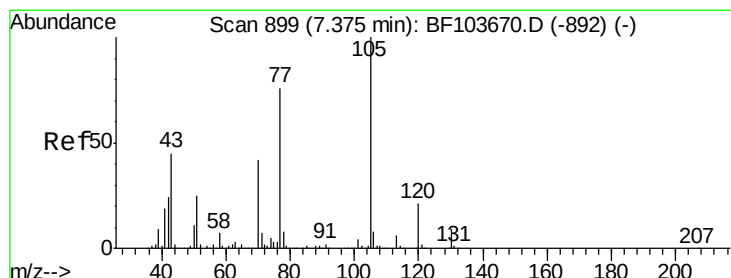
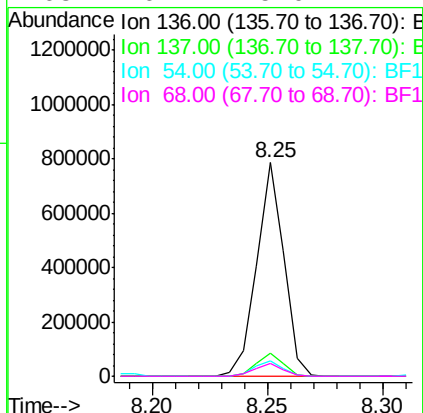
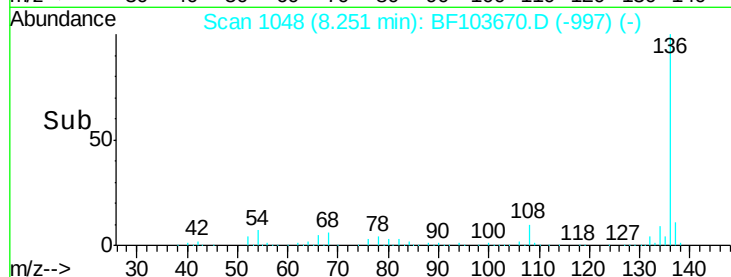
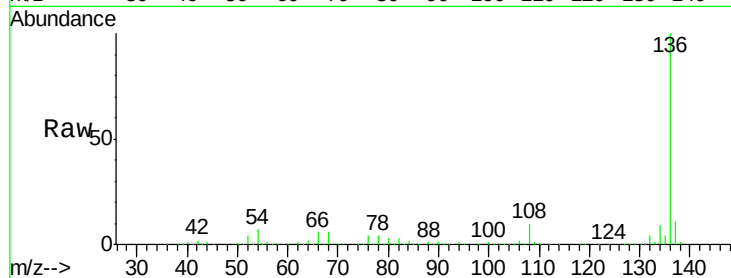




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

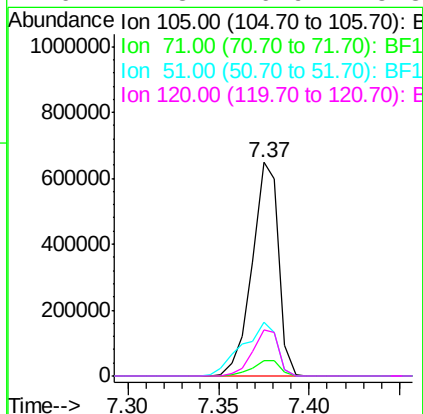
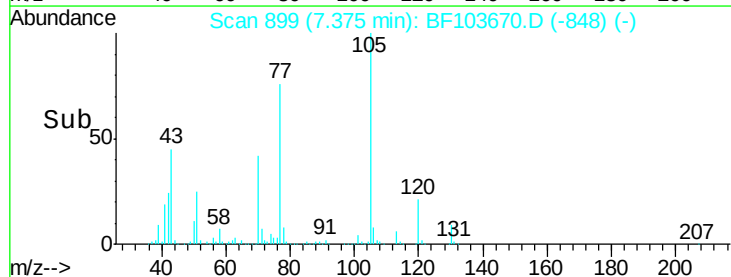
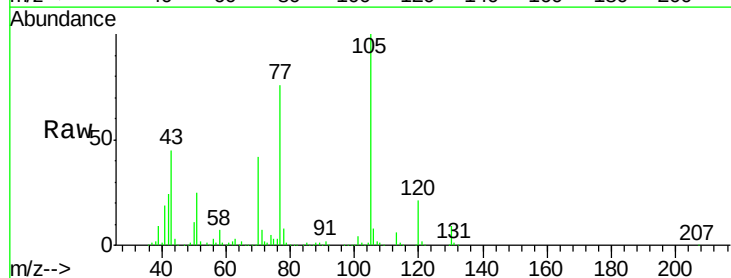
Instrument :
BNA_F
ClientSampleId :

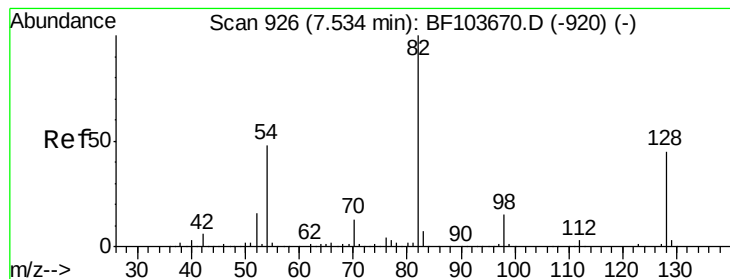
Tot Ion:136	Resp:	647968
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	7.5	6.6 9.8
68	6.1	5.0 7.4



#22
Acetophenone
Concen: 43.299 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion:105	Resp:	654878
Ion	Ratio	Lower Upper
105	100	
71	7.1	4.4 6.6#
51	25.2	22.3 33.5
120	21.3	16.9 25.3





#23

Nitrobenzene-d5

Concen: 68.624 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampled :

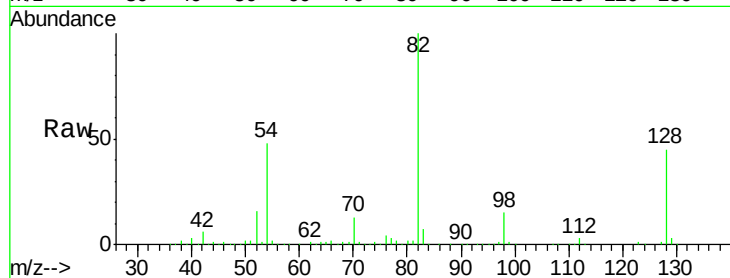
Tot Ion: 82 Resp: 778627

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

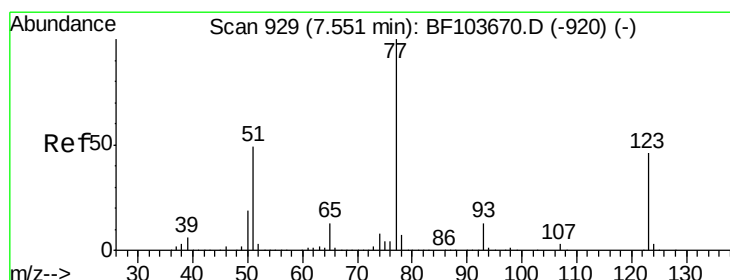
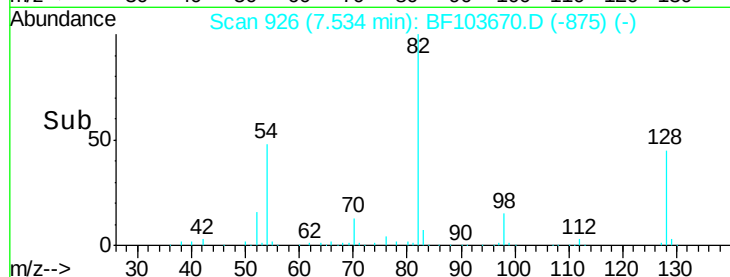
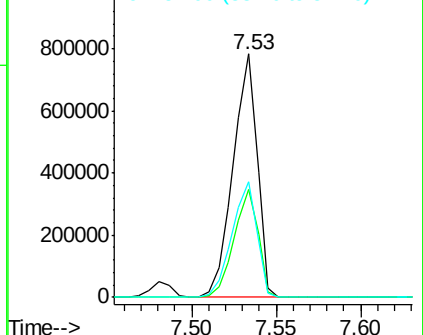
54 47.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 36.432 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

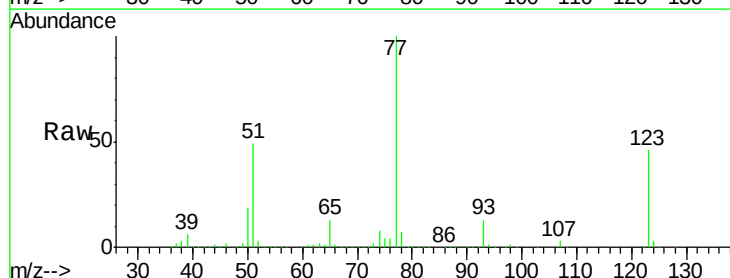
Tgt Ion: 77 Resp: 455111

Ion Ratio Lower Upper

77 100

123 46.1 37.9 56.9

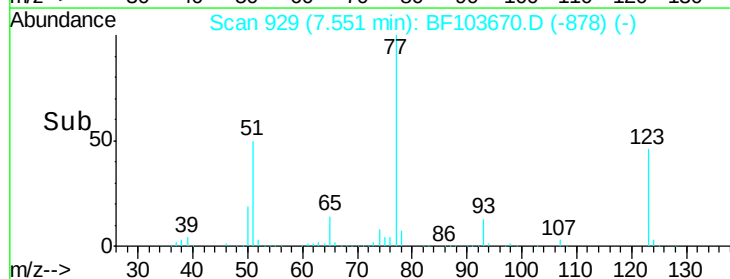
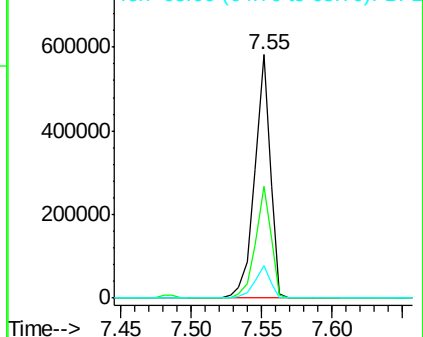
65 13.3 11.0 16.4

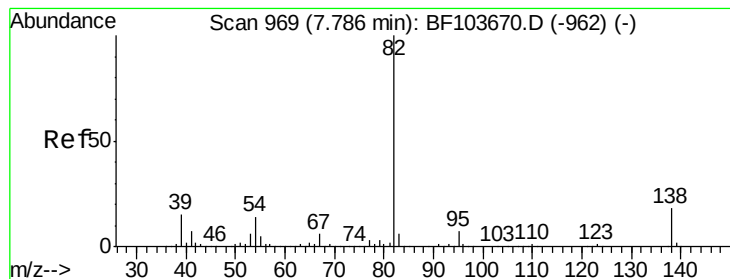


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.532 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampled :

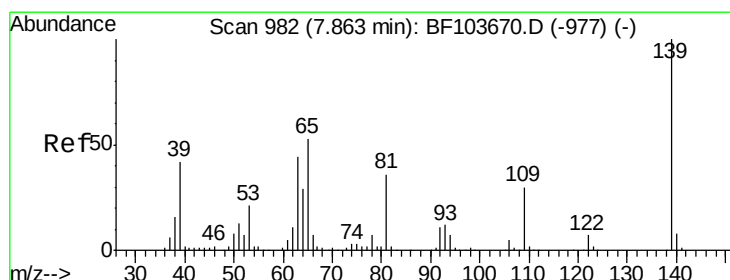
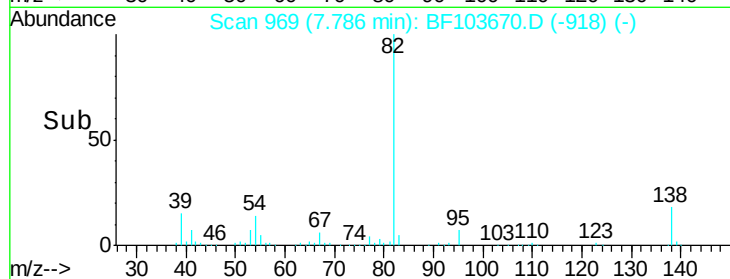
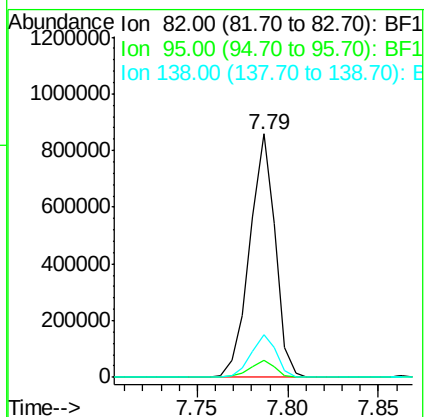
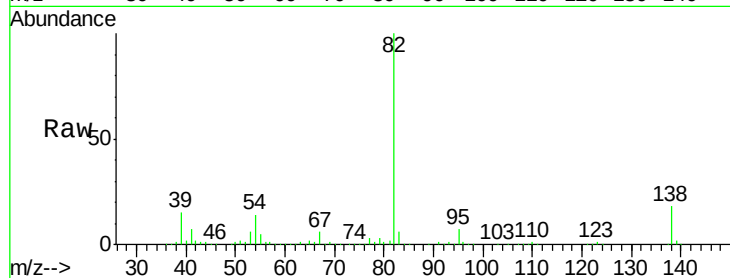
Tot Ion: 82 Resp: 838703

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 24.774 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

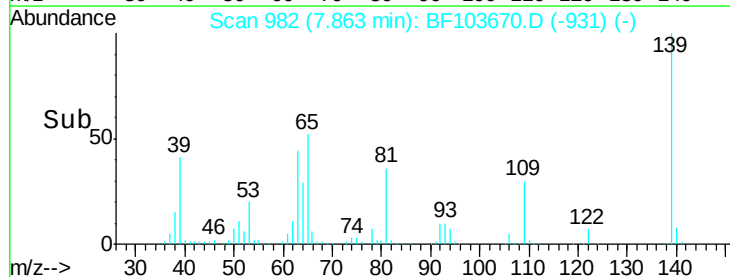
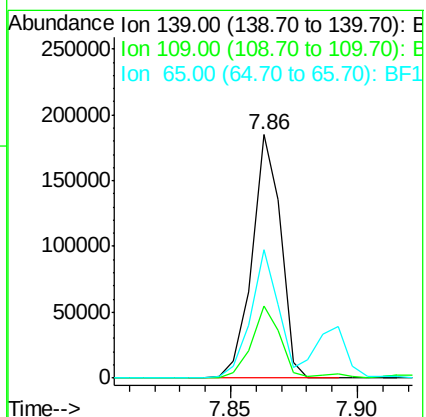
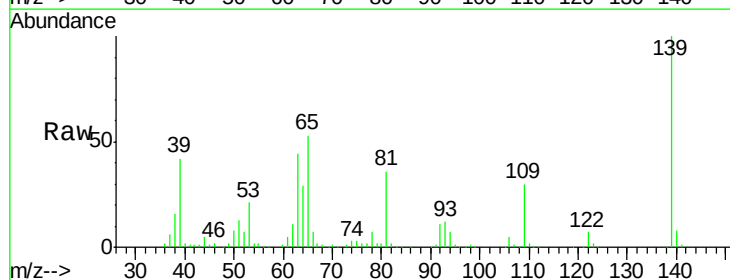
Tgt Ion: 139 Resp: 145691

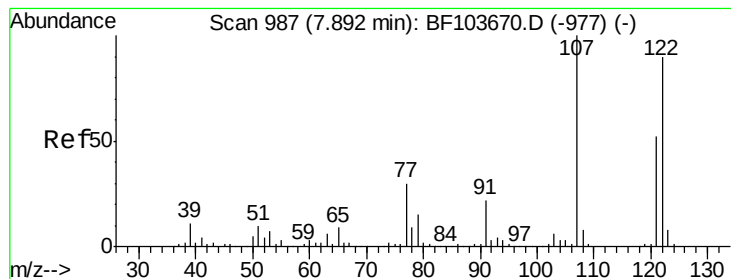
Ion Ratio Lower Upper

139 100

109 29.9 22.7 34.1

65 52.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.831 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampled :

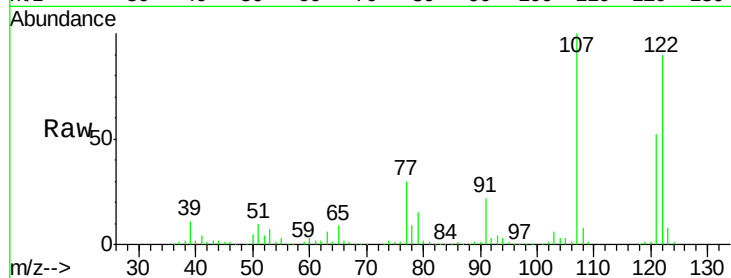
Tot Ion:122 Resp: 367040

Ion Ratio Lower Upper

122 100

107 111.6 91.2 136.8

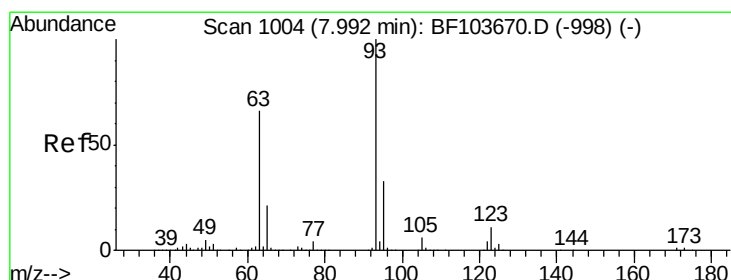
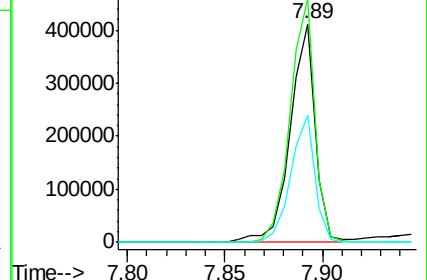
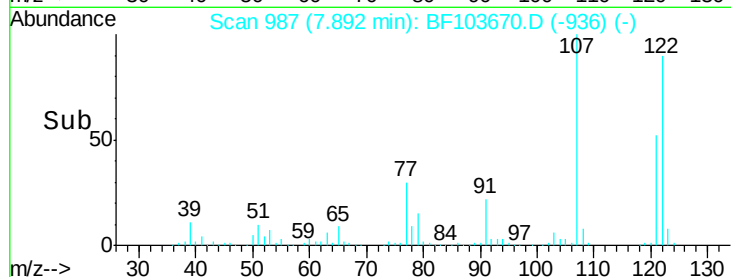
121 58.1 47.2 70.8



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: 39.235 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

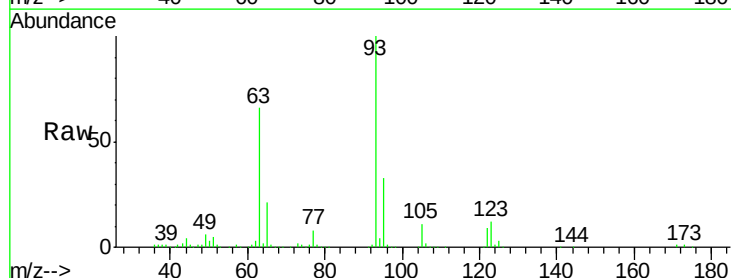
Tgt Ion: 93 Resp: 515485

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

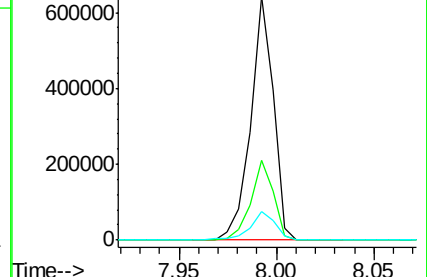
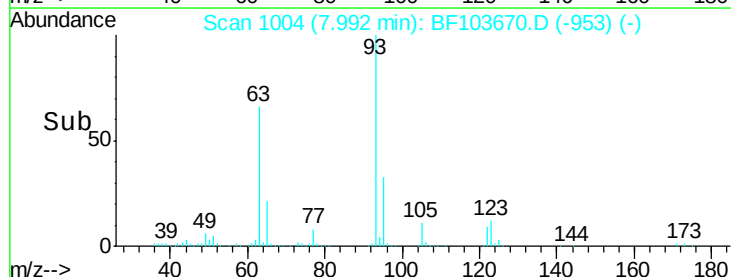
123 11.5 9.8 14.6

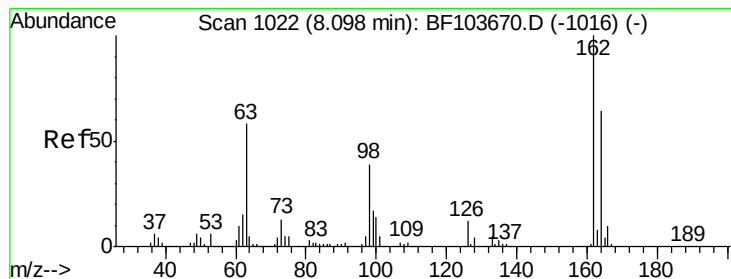


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

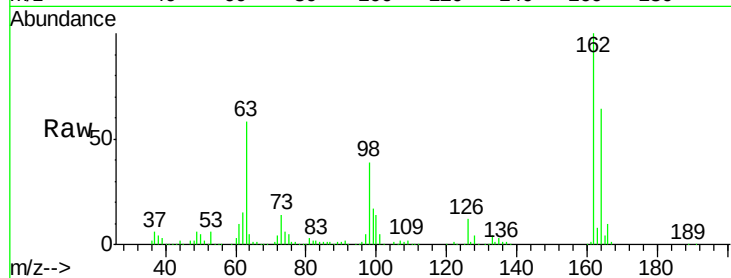
Tot Ion:162 Resp: 344253

Ion Ratio Lower Upper

162 100

164 63.6 42.7 82.7

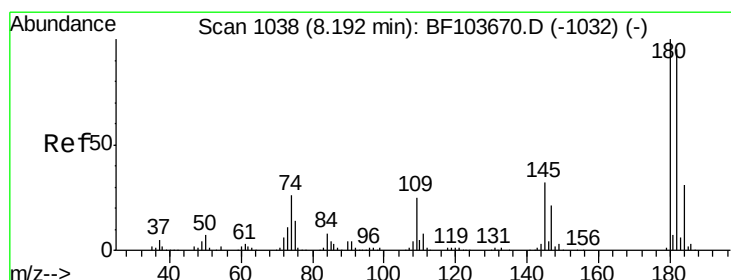
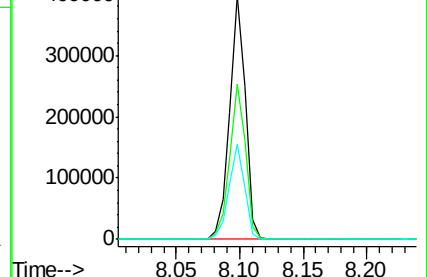
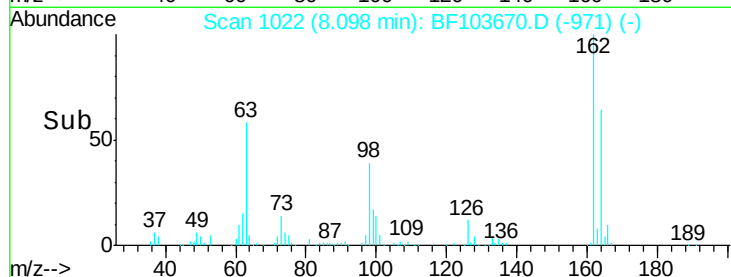
98 39.2 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.956 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

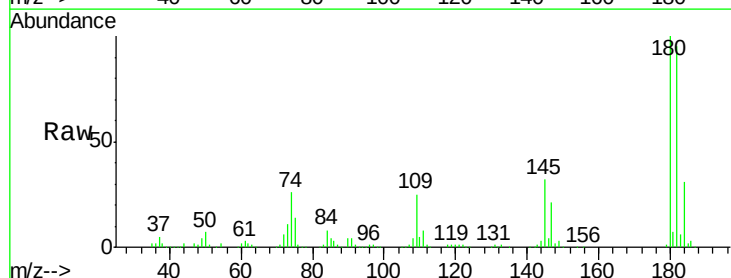
Tgt Ion:180 Resp: 384515

Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

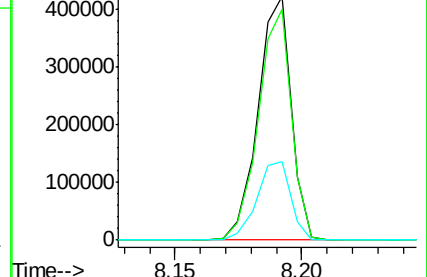
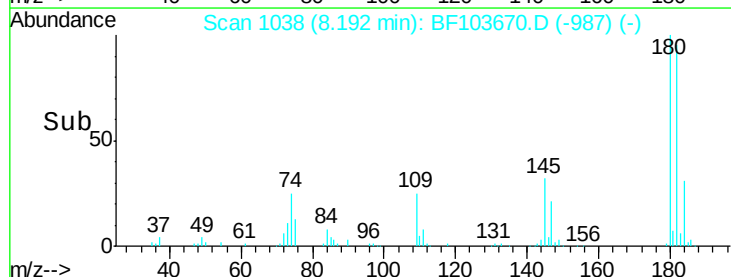
145 32.0 26.5 39.7

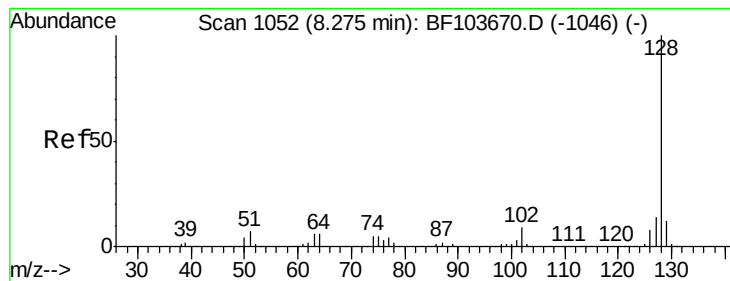


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.316 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

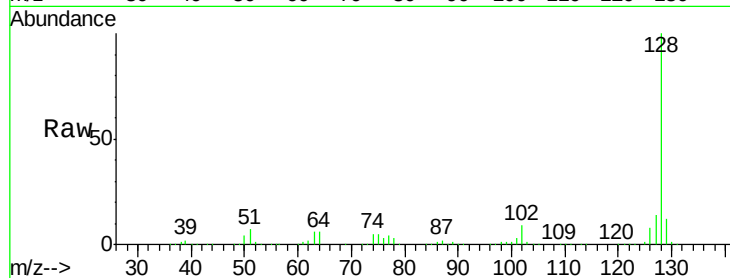
Tot Ion:128 Resp: 1278967

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

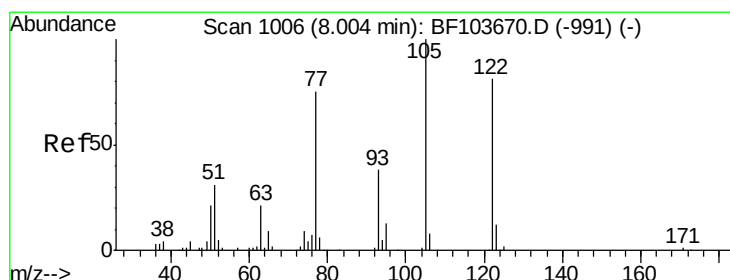
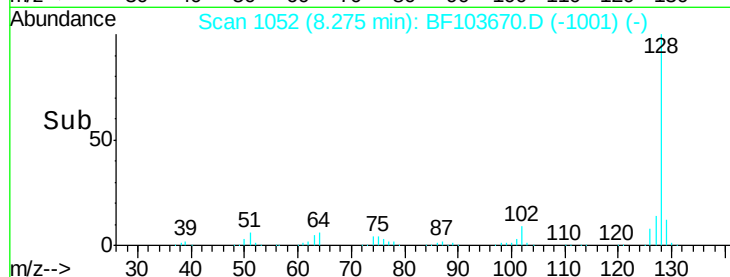
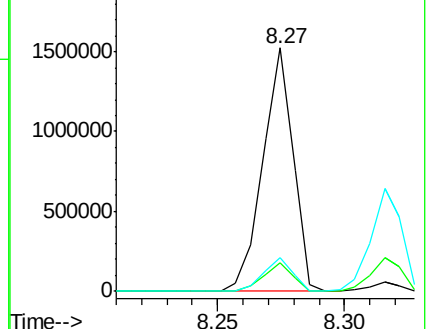
127 13.8 10.9 16.3



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: 36.747 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

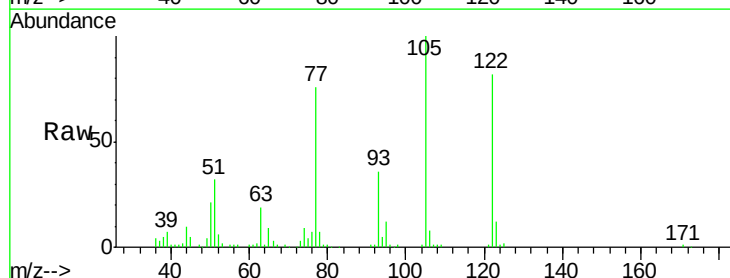
Tgt Ion:122 Resp: 218045

Ion Ratio Lower Upper

122 100

105 122.0 101.1 141.1

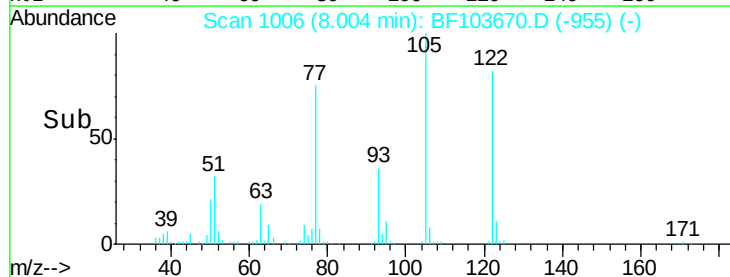
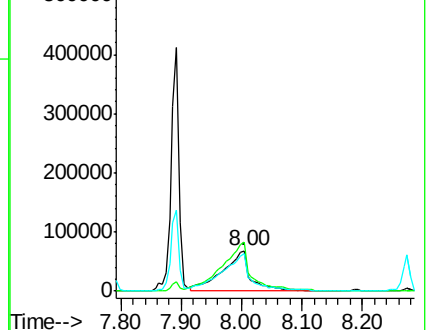
77 92.4 70.7 110.7

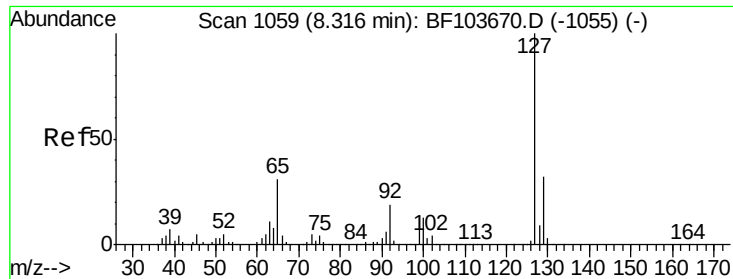


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

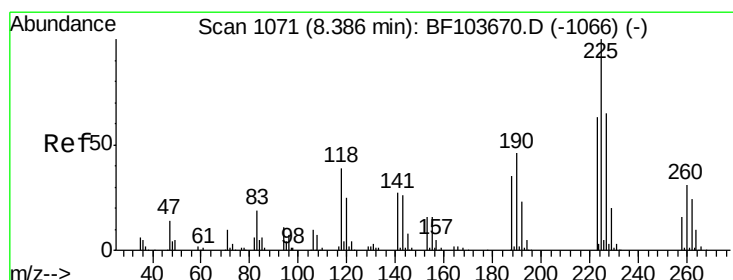
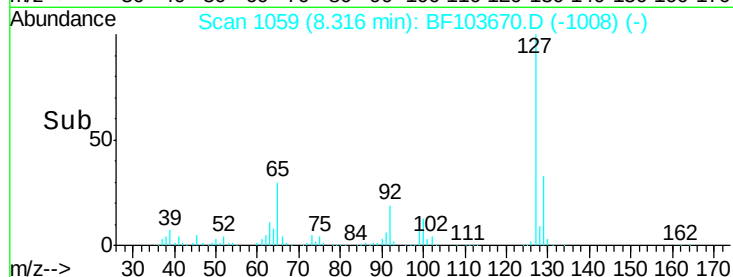
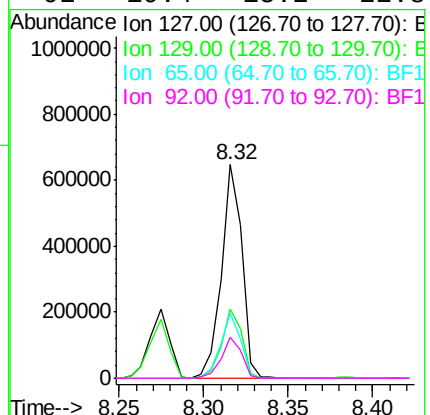
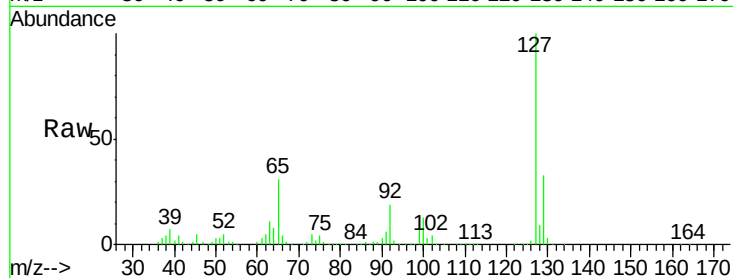




#33
4-Chloroaniline
Concen: 40.344 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

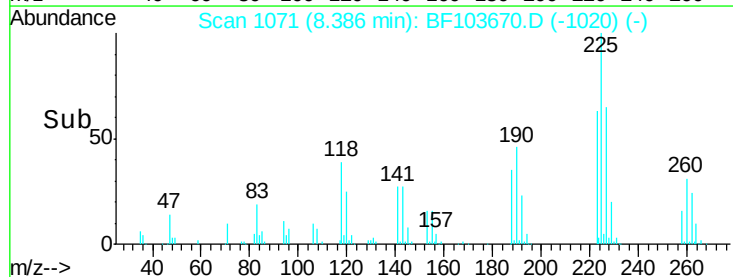
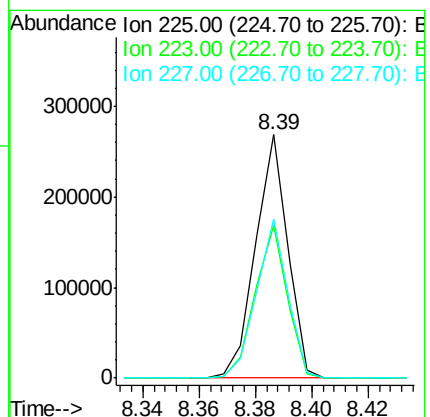
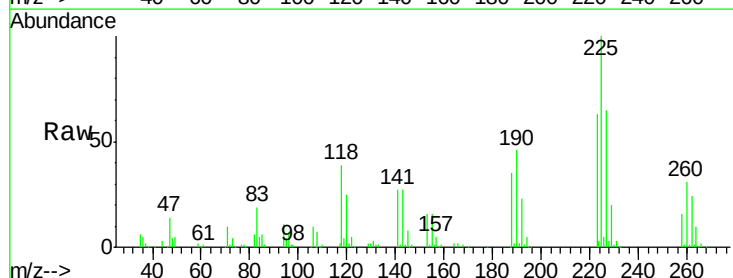
Instrument :
BNA_F
ClientSampled :

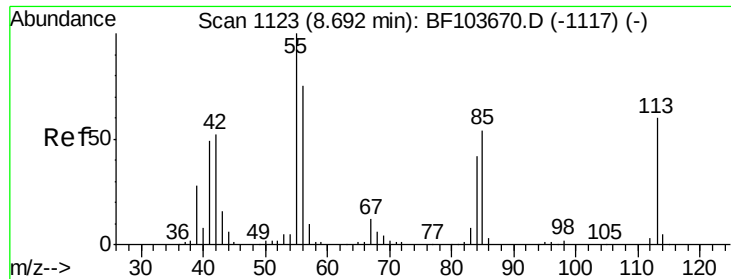
Tot Ion:	127	Resp:	552285
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	30.6	25.0	37.4
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 44.433 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion:	225	Resp:	212057
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	65.2	51.9	77.9

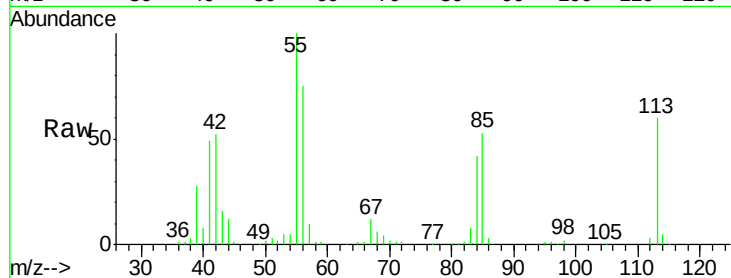




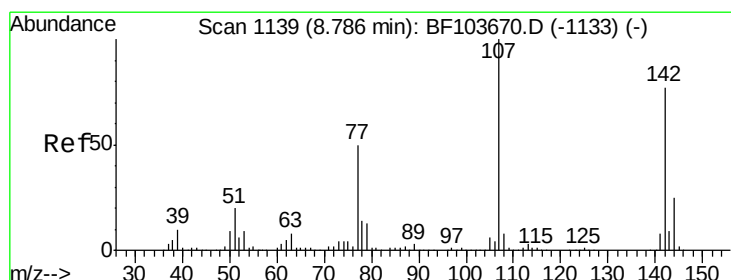
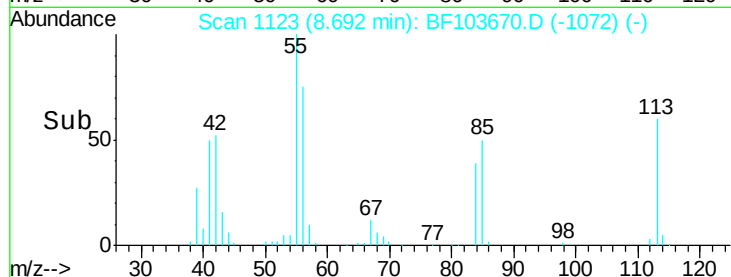
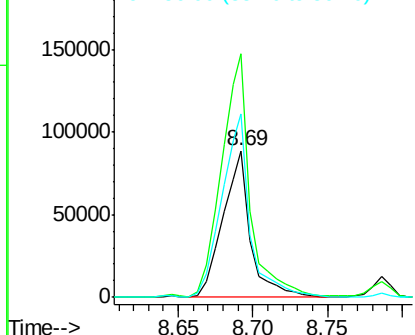
#35
 Caprolactam
 Concen: 38.390 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 116119
 Ion Ratio Lower Upper
 113 100
 55 166.0 163.3 203.3
 56 125.0 115.7 155.7

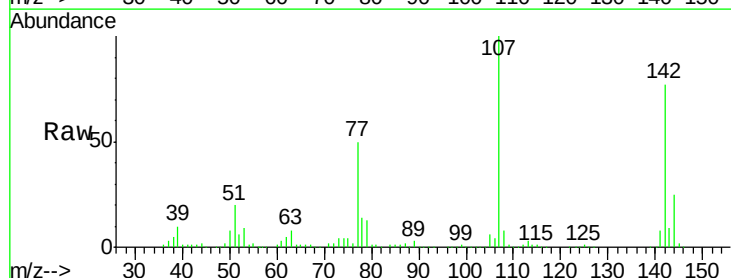


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

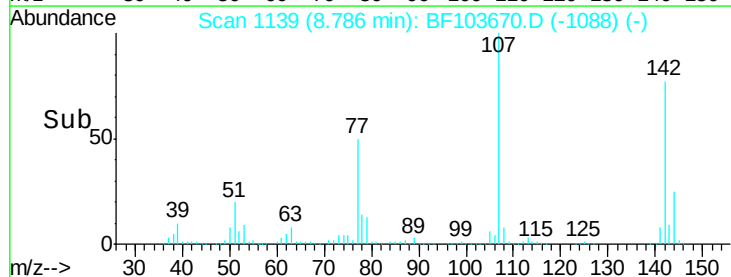
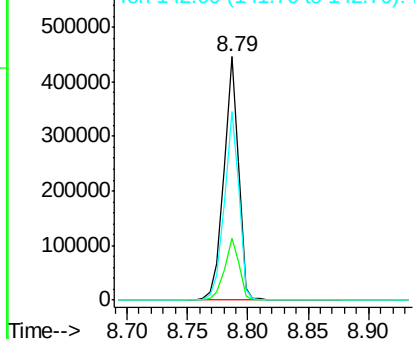


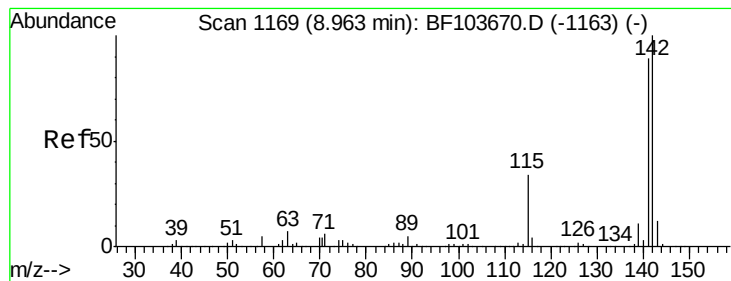
#36
 4-Chloro-3-methylphenol
 Concen: 38.626 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Tgt Ion:107 Resp: 374948
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 77.3 62.0 93.0



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





#37

2-Methylnaphthalene

Concen: 40.145 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

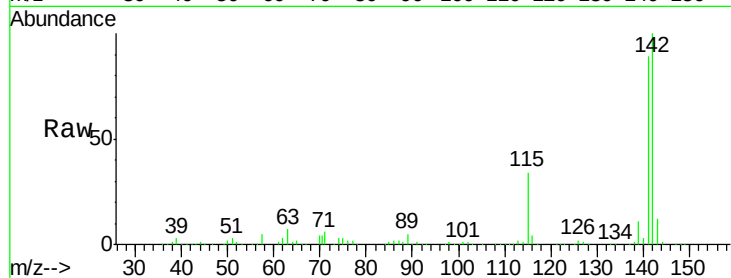
Tot Ion:142 Resp: 823054

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

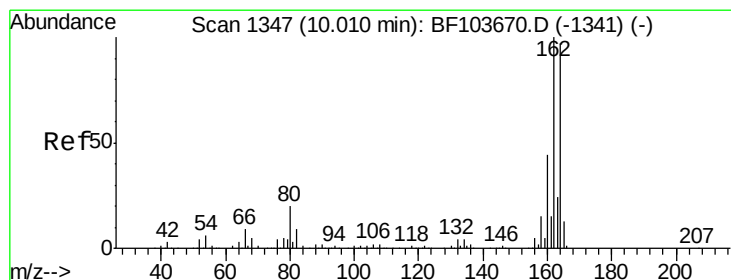
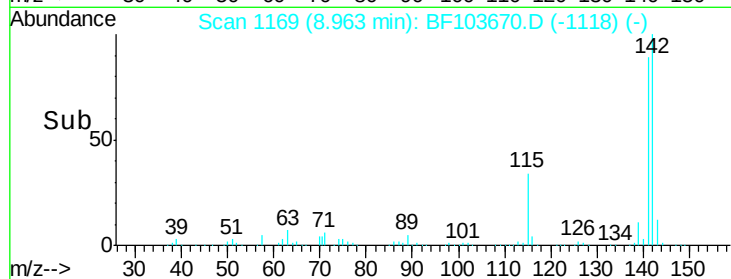
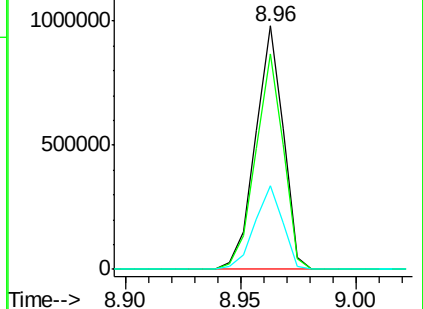
115 34.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

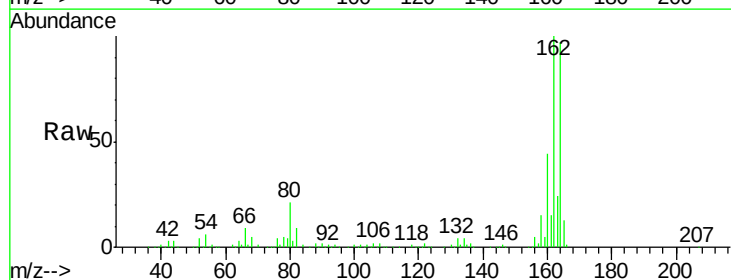
Tgt Ion:164 Resp: 296795

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

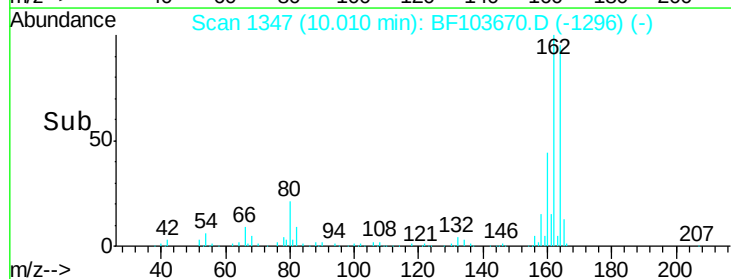
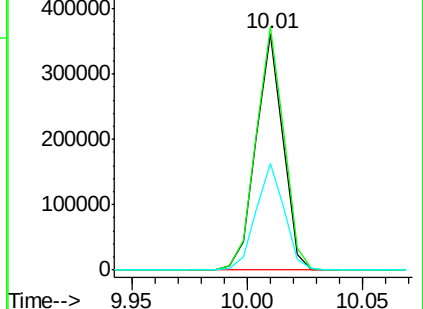
160 45.1 38.3 57.5

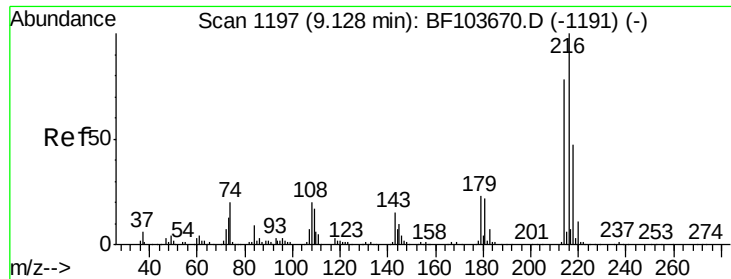


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

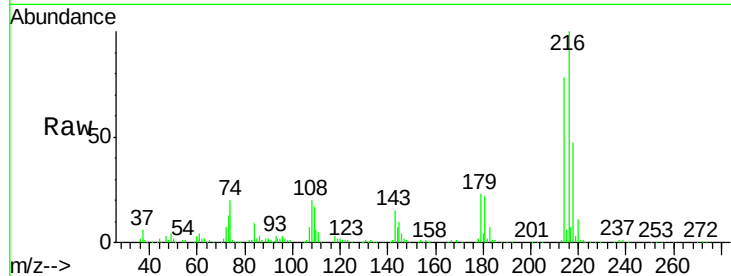




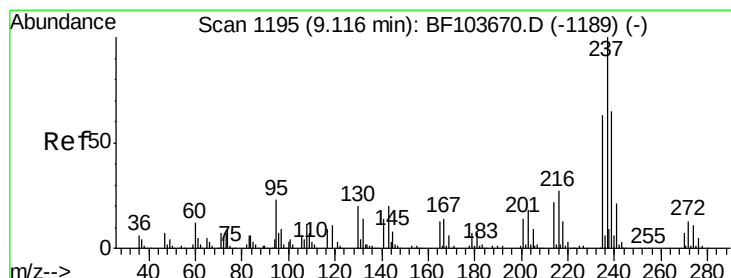
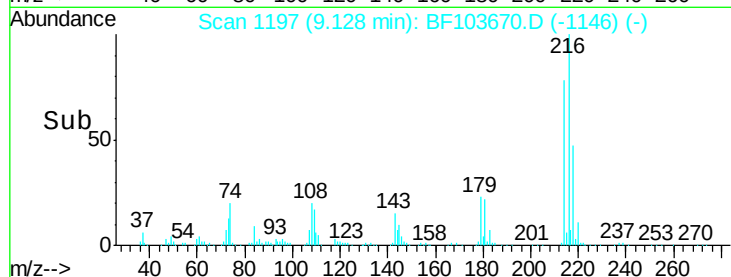
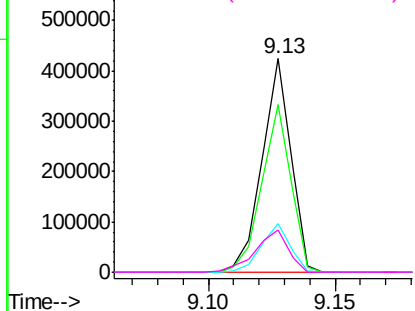
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.773 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	338940
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.8	18.1	27.1
108	22.7	17.2	25.8

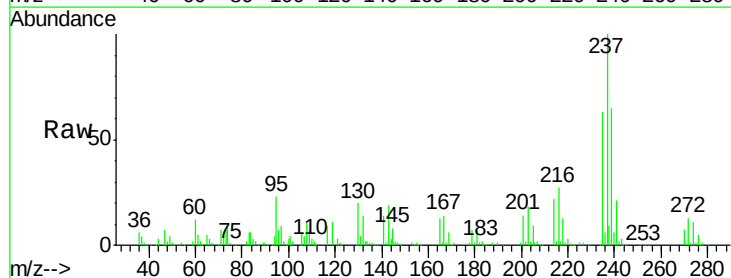


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

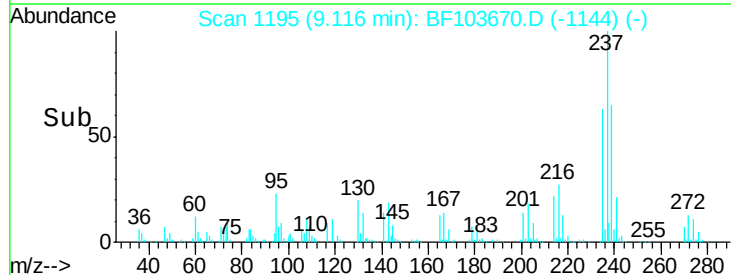
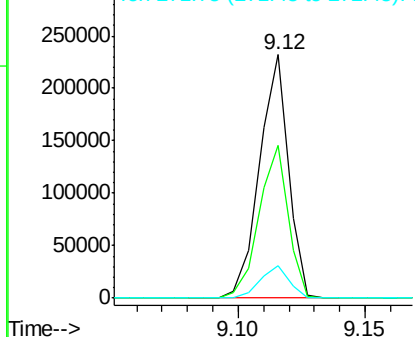


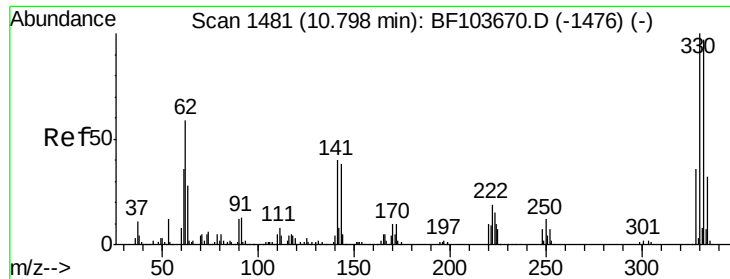
#40
 Hexachlorocyclopentadiene
 Concen: 82.485 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Tgt Ion:	237	Resp:	185883
Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.8	84.8
272	13.4	0.0	33.3



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

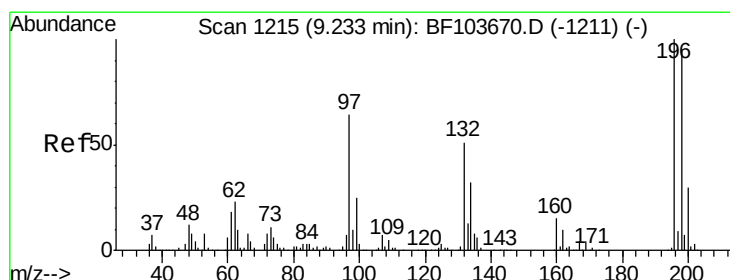
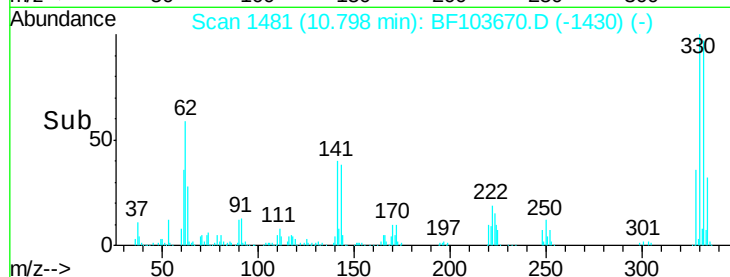
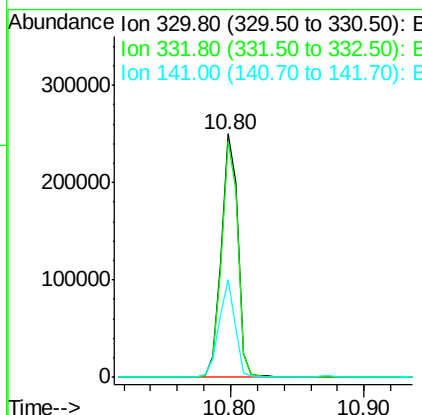
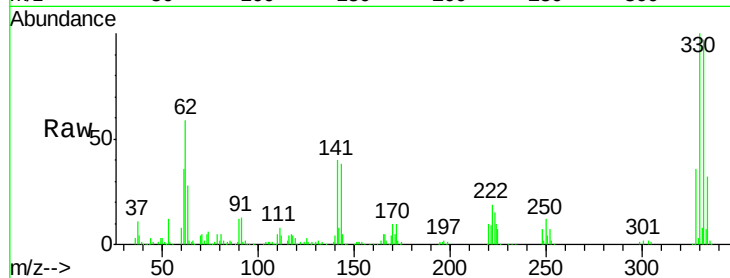




#41
 2,4,6-Tribromophenol
 Concen: 87.852 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

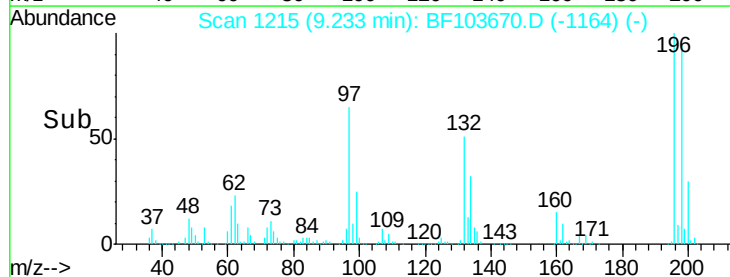
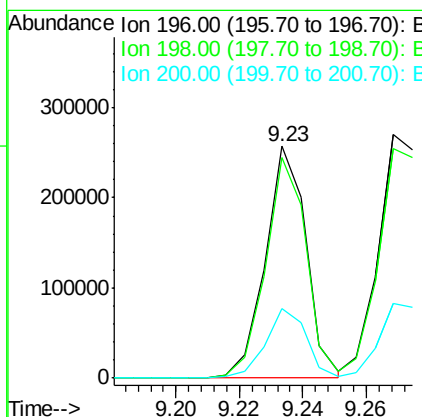
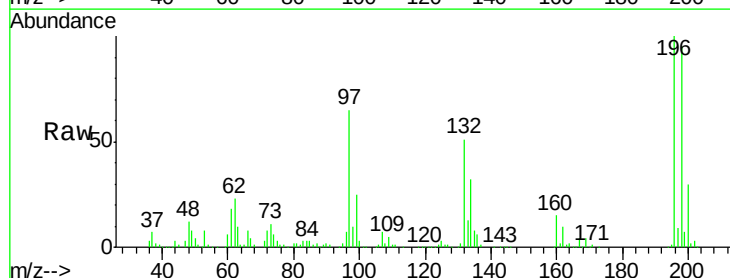
Instrument :
 BNA_F
 ClientSampled :

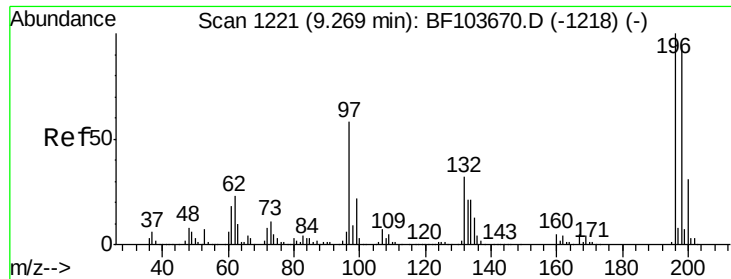
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	39.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.014 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	30.3	24.5	36.7

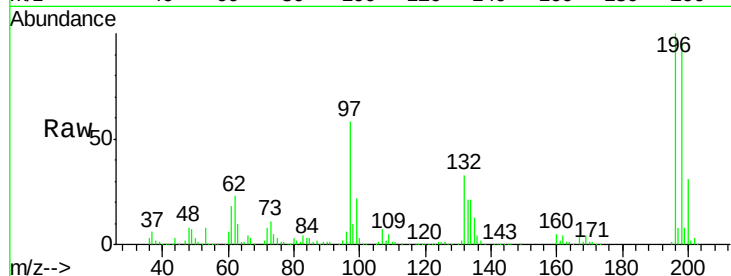




#43
 2,4,5-Trichlorophenol
 Concen: 41.073 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	257907
Ion Ratio	100	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	57.8	42.9	64.3
132	32.6	26.3	39.5



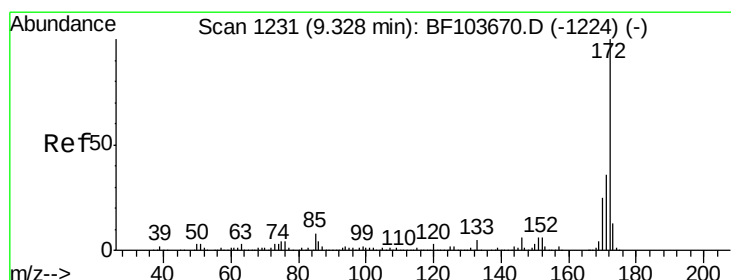
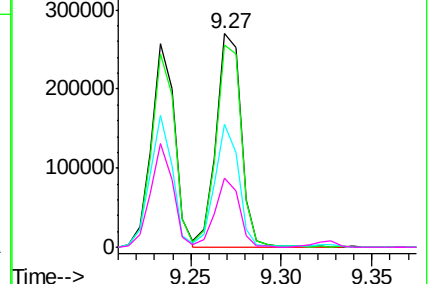
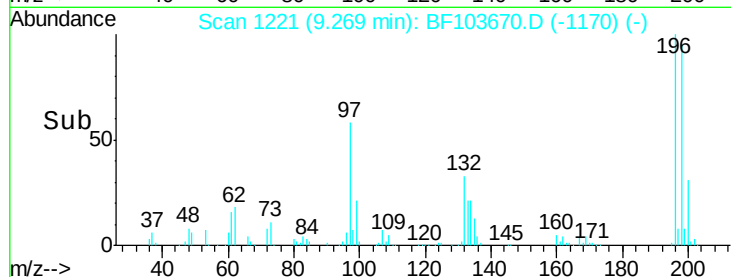
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

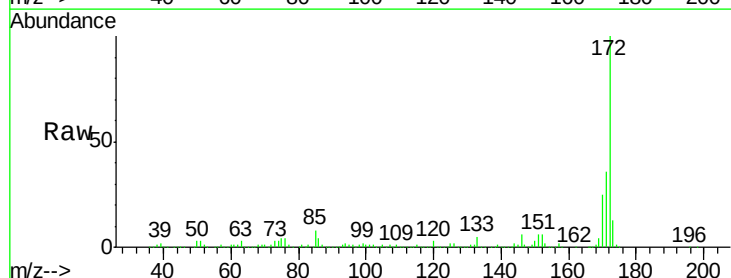
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.589 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Tgt Ion	172	Resp	1441947
Ion Ratio	100	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.5	19.6	29.4

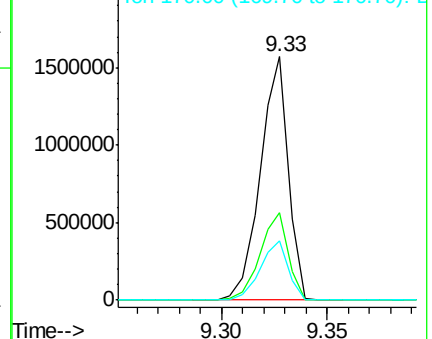
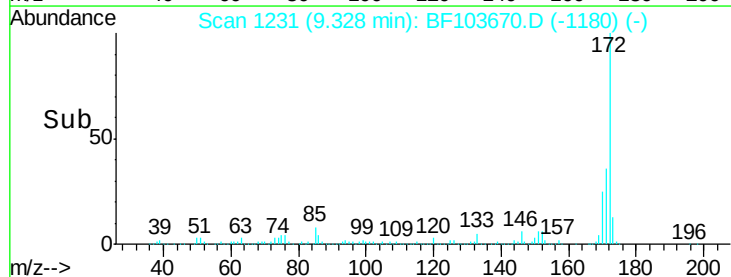


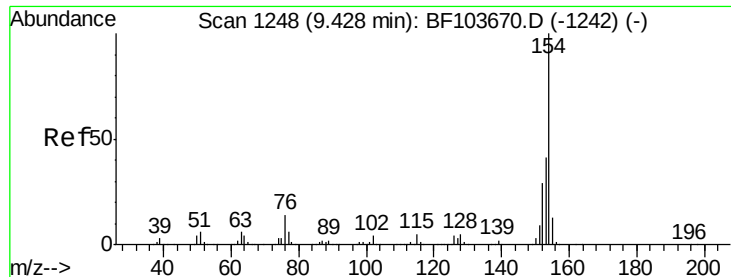
Abundance

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

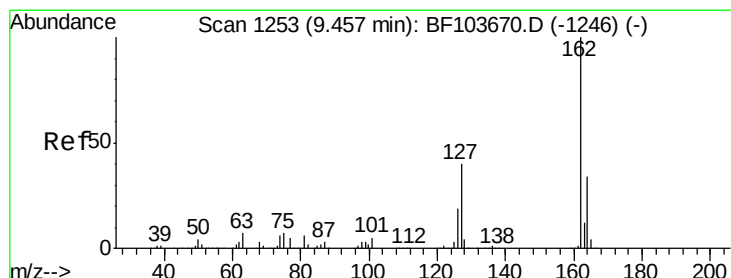
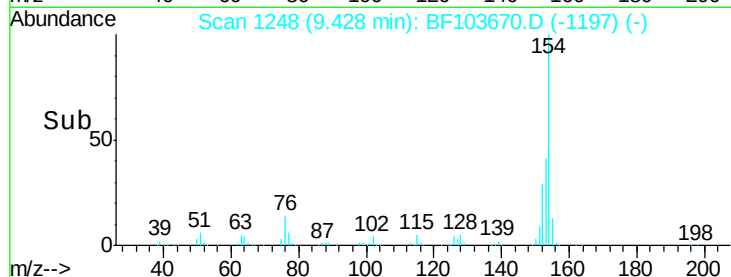
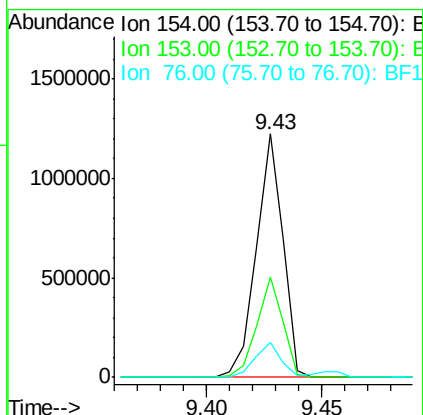
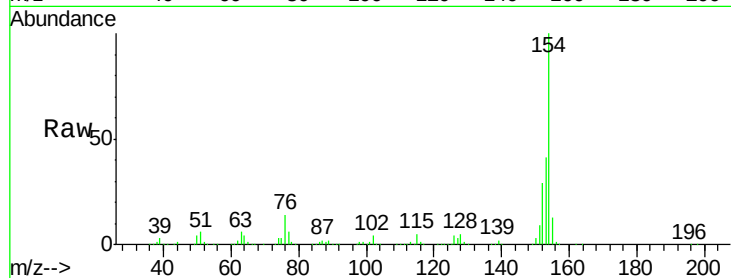




#45
 1,1'-Biphenyl
 Concen: 39.583 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

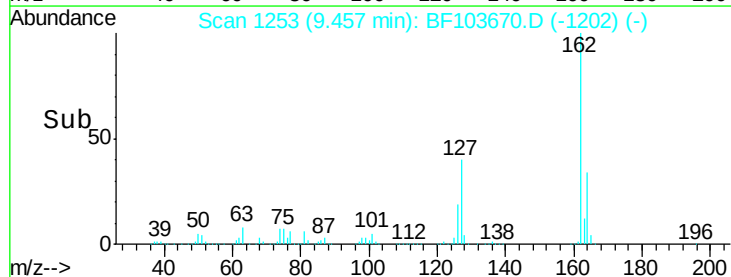
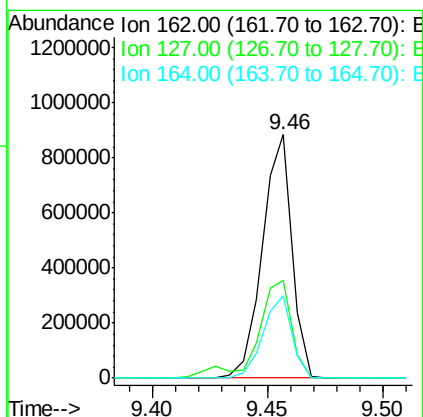
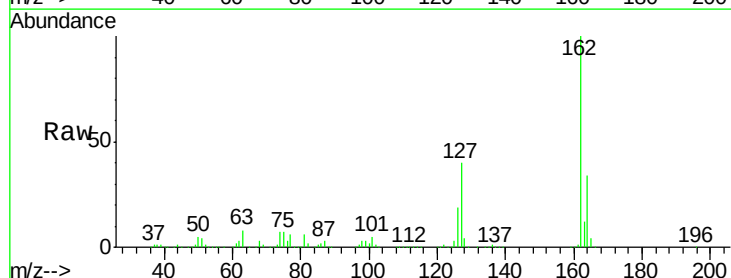
Instrument :
 BNA_F
 ClientSampleId :

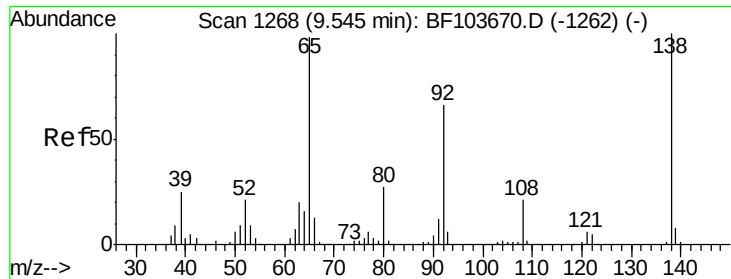
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	14.3	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 39.957 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	33.8	26.5	39.7

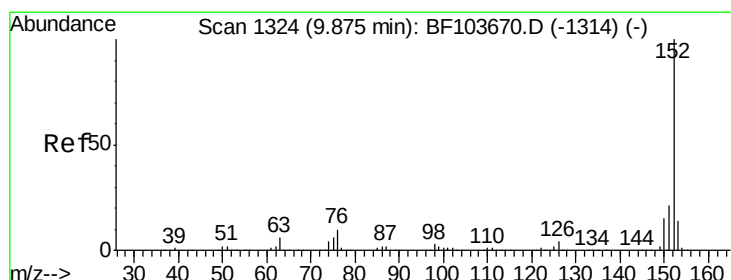
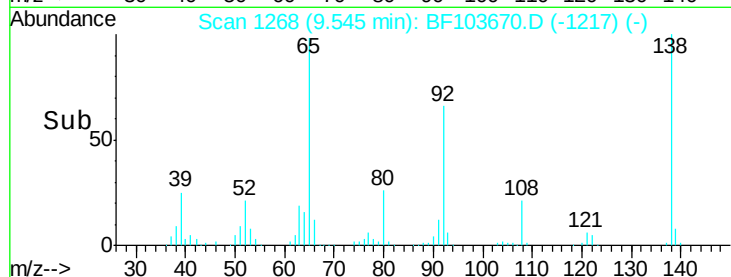
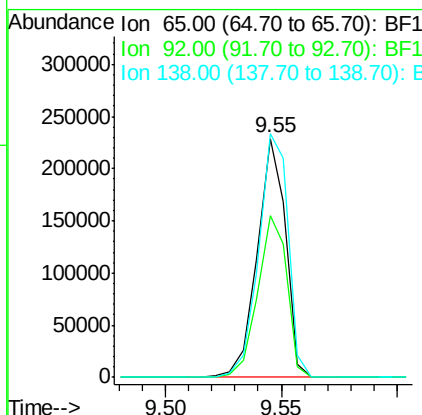
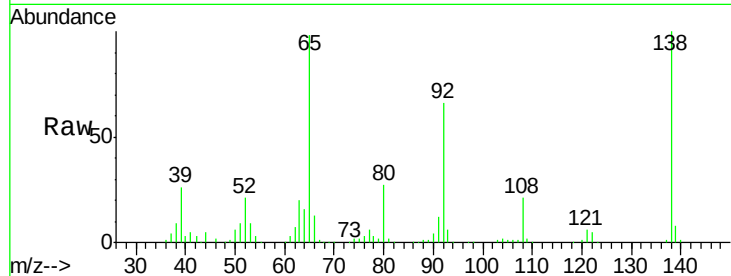




#47
2-Nitroaniline
Concen: 26.912 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

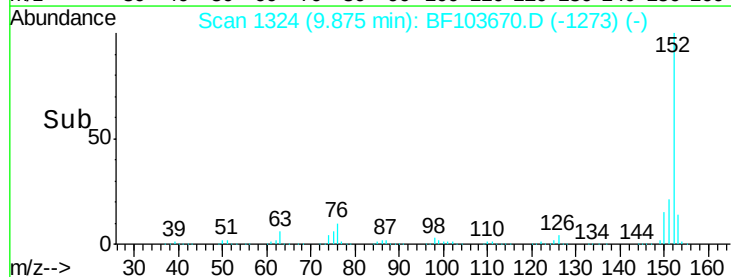
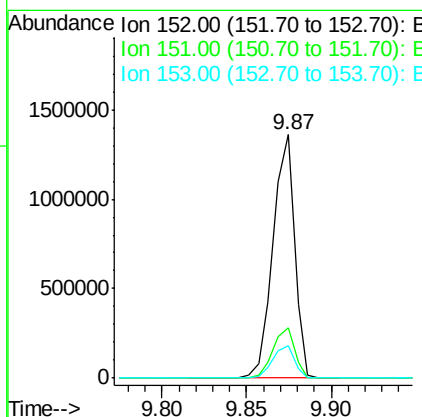
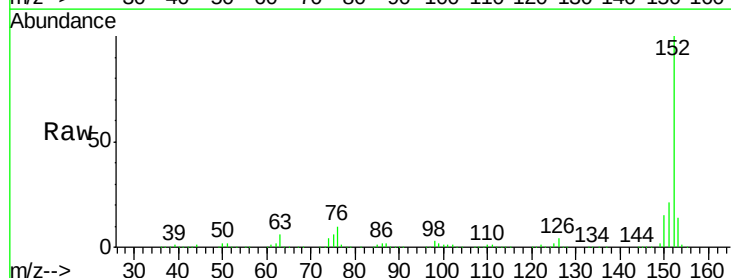
Instrument :
BNA_F
ClientSampleId :

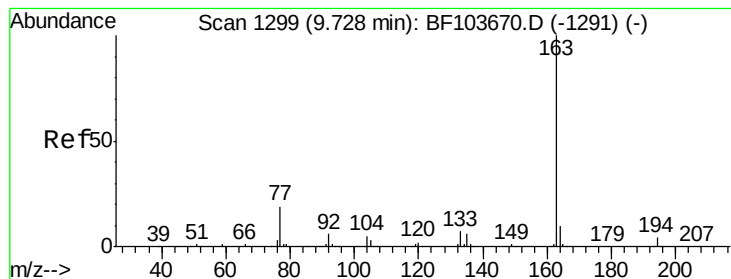
Tot Ion: 65 Resp: 196138
Ion Ratio Lower Upper
65 100
92 67.6 55.8 83.6
138 102.0 91.2 136.8



#48
Acenaphthylene
Concen: 39.803 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion: 152 Resp: 1204934
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 38.093 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampled :

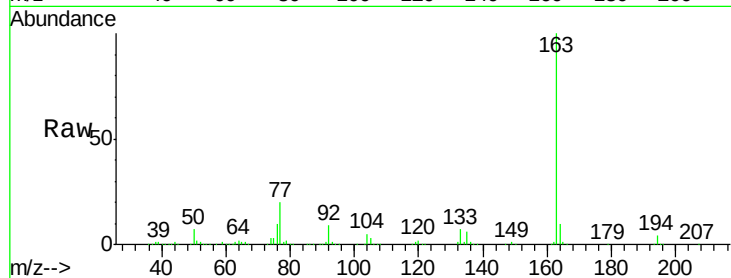
Tot Ion:163 Resp: 906967

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

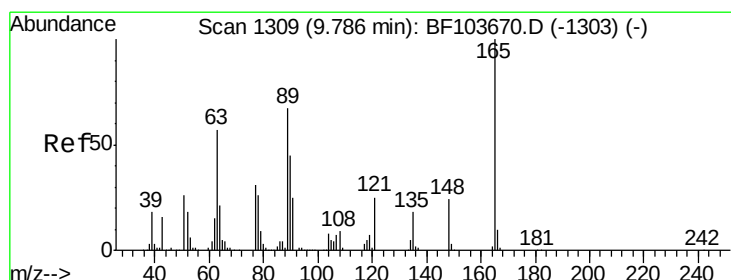
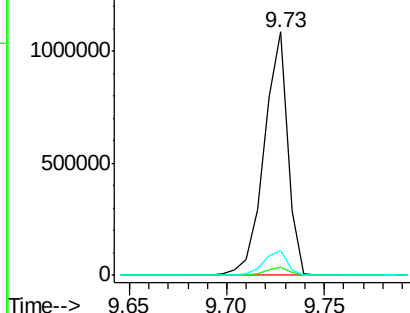
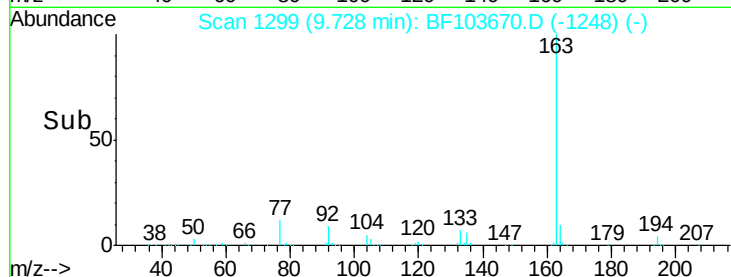
164 10.4 8.2 12.2



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: 34.842 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

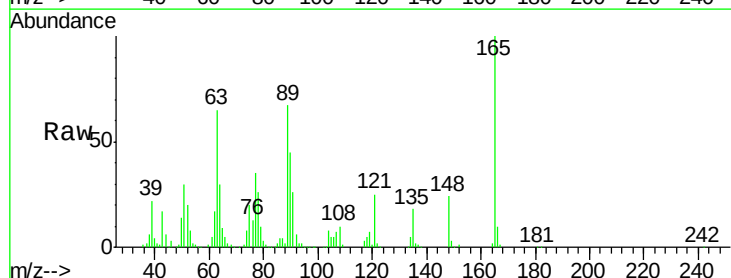
Tgt Ion:165 Resp: 174087

Ion Ratio Lower Upper

165 100

63 65.1 44.7 67.1

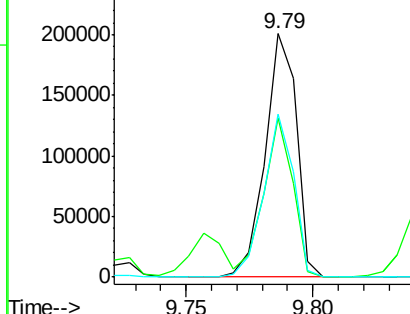
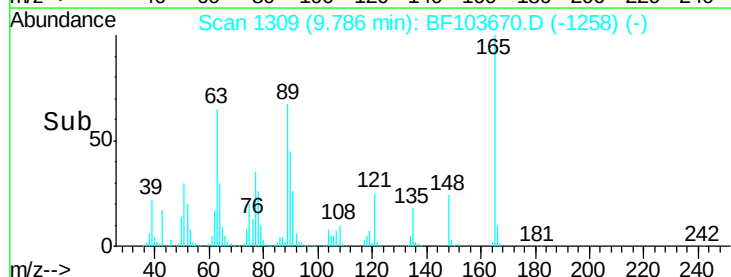
89 66.7 44.0 66.0#

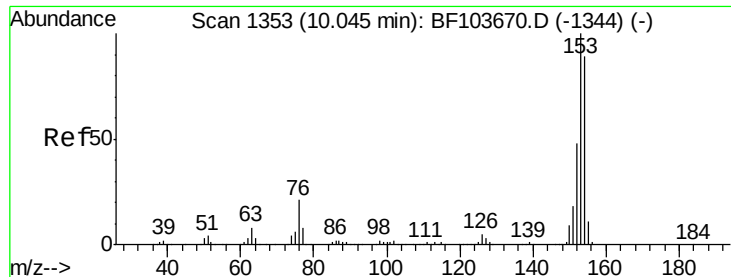


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 41.062 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

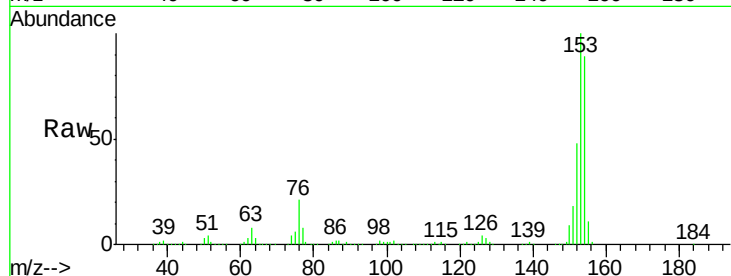
Tot Ion:154 Resp: 724841

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

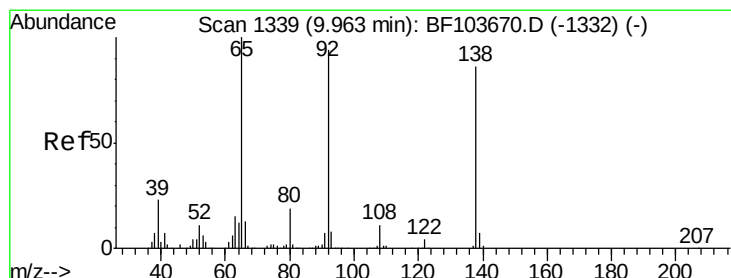
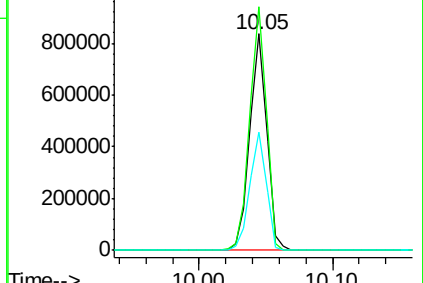
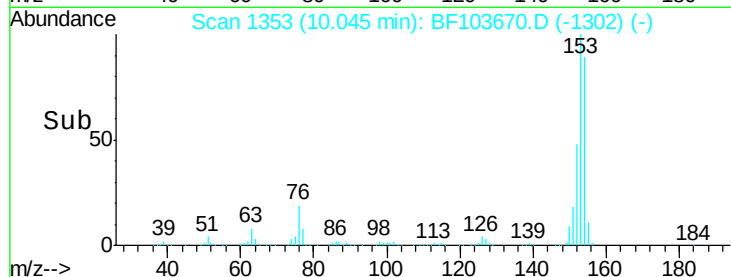
152 54.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.214 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

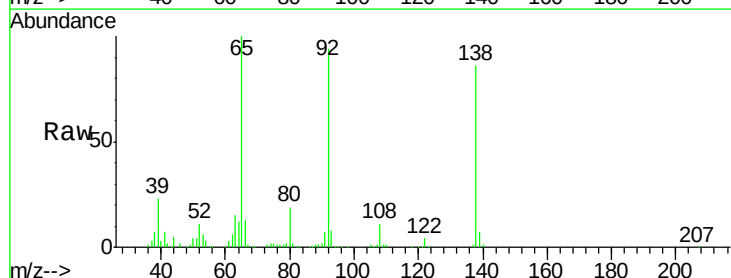
Tgt Ion:138 Resp: 210547

Ion Ratio Lower Upper

138 100

108 12.9 9.4 14.0

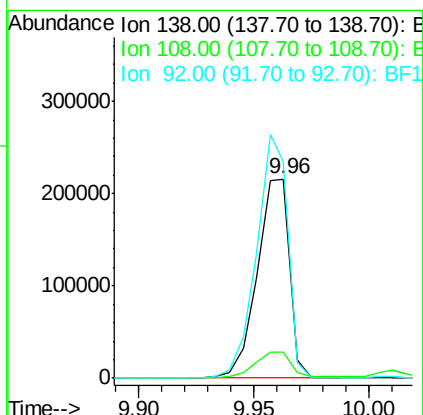
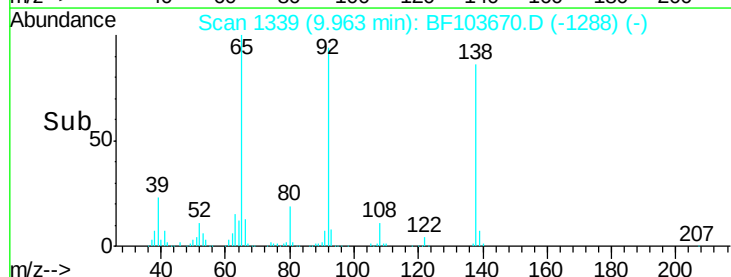
92 108.8 89.4 134.2

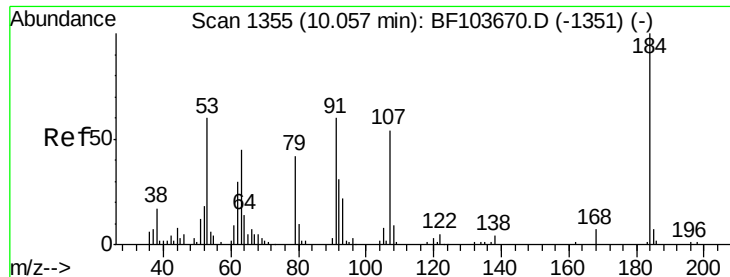


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 22.055 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

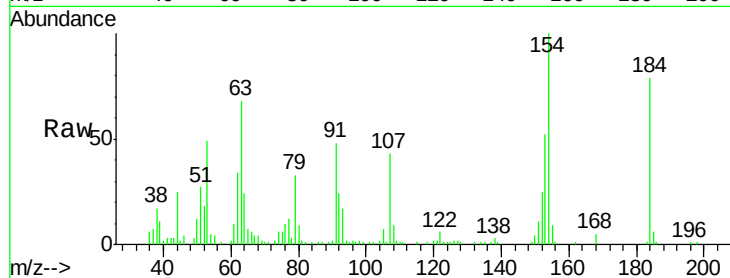
Tot Ion:184 Resp: 30610

Ion Ratio Lower Upper

184 100

63 85.9 54.2 81.2#

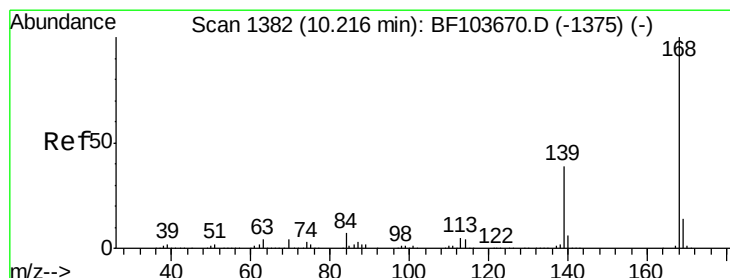
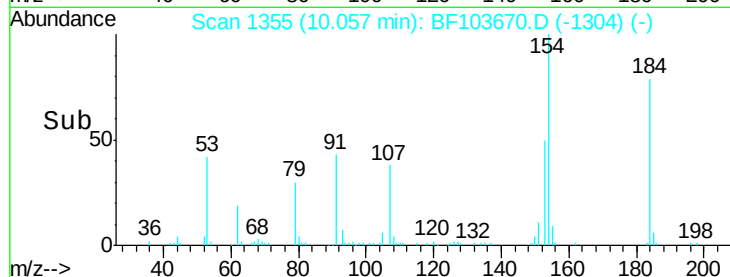
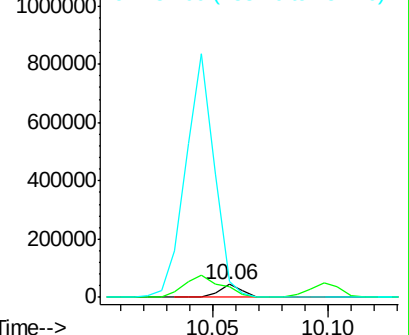
154 126.4 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.392 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

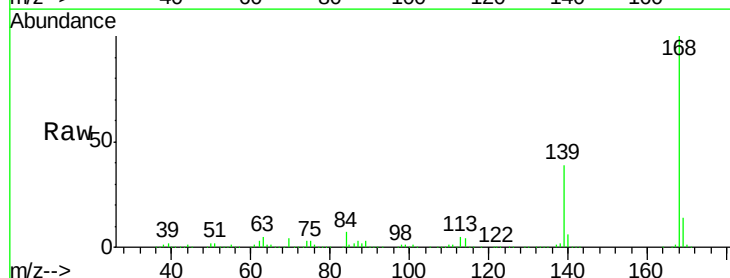
Tgt Ion:168 Resp: 1027257

Ion Ratio Lower Upper

168 100

139 39.2 30.1 45.1

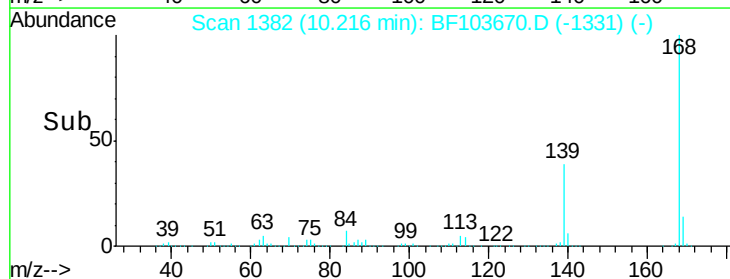
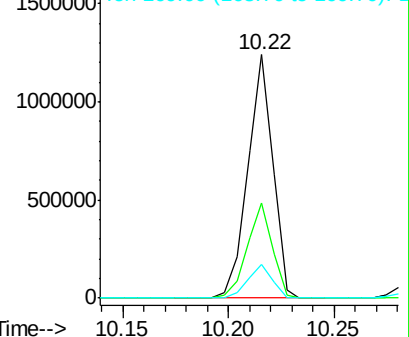
169 13.8 10.9 16.3

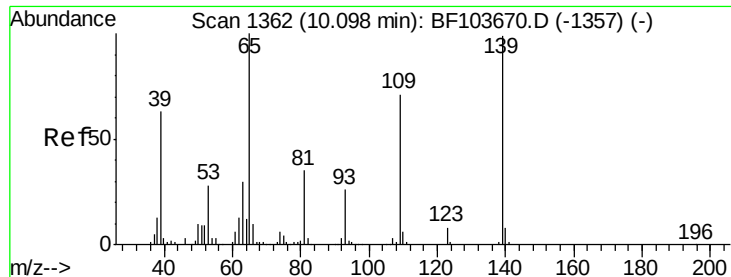


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

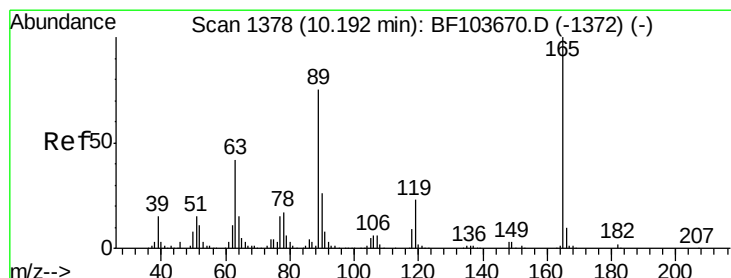
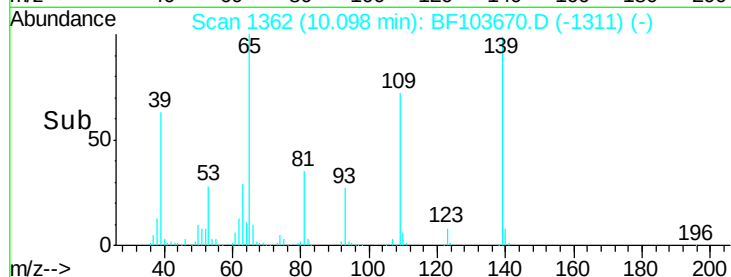
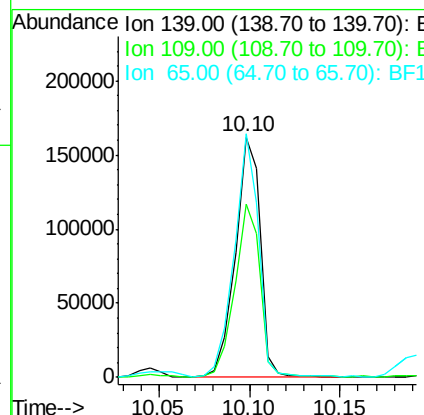
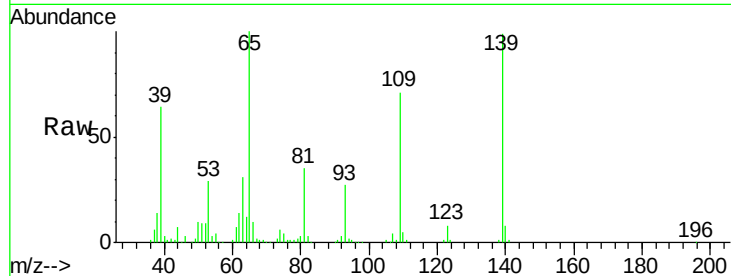




#55
4-Nitrophenol
Concen: 39.670 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

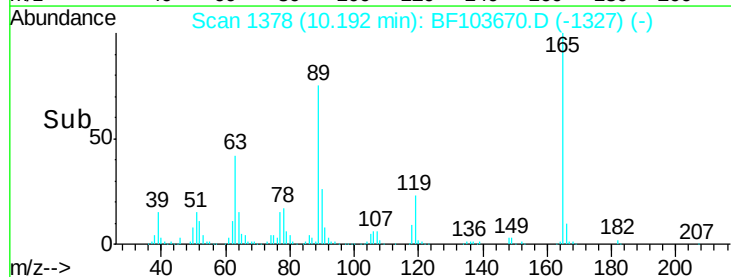
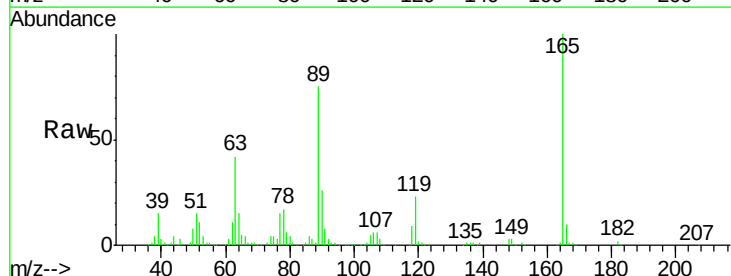
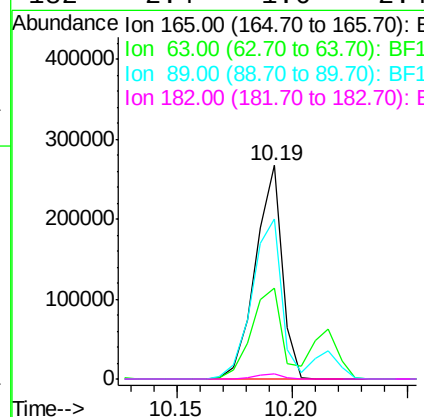
Instrument :
BNA_F
ClientSampleId :

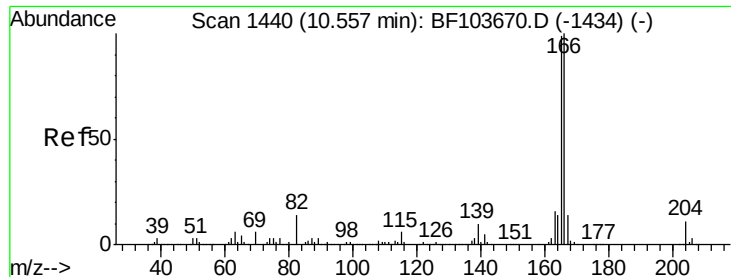
Tot Ion	Ratio	Lower	Upper
139	100		
109	72.1	48.4	88.4
65	101.4	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 34.163 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.5	36.4	54.6
89	75.1	57.8	86.6
182	2.4	1.6	2.4

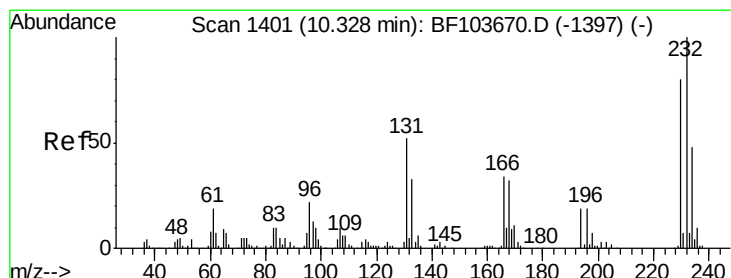
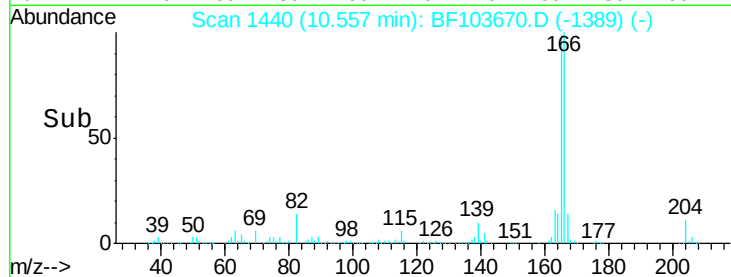
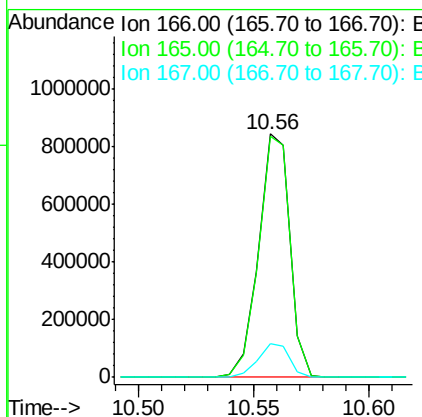
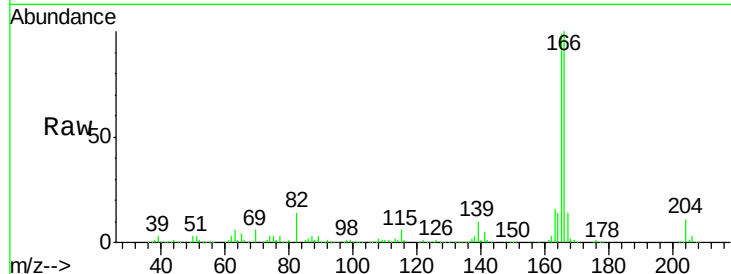




#57
 Fluorene
 Concen: 38.640 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

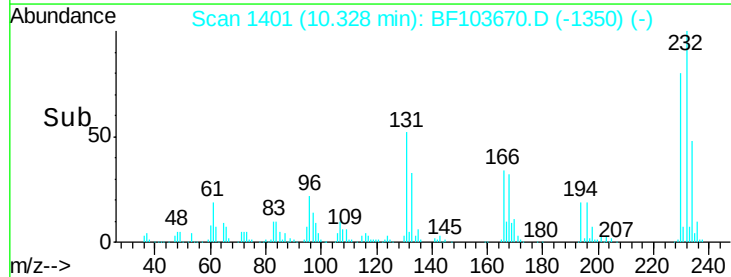
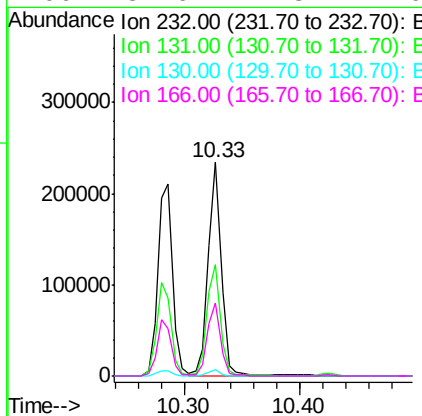
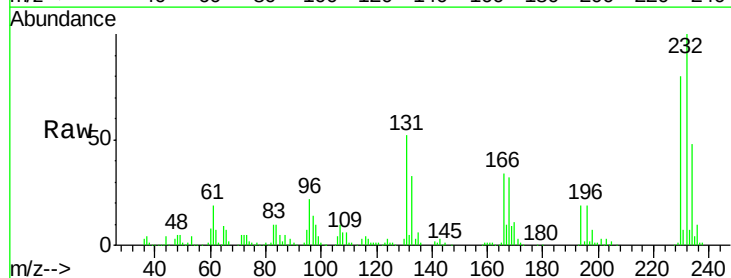
Instrument :
 BNA_F
 ClientSampled :

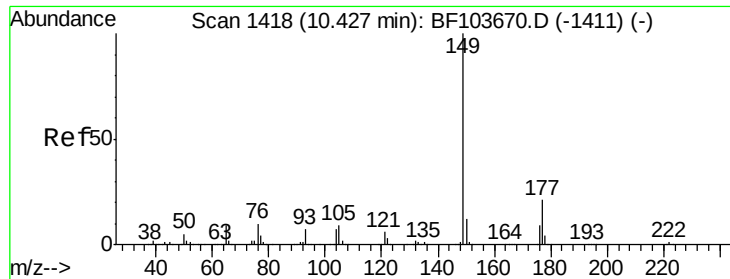
Tot Ion:166 Resp: 797633
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.335 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Tgt Ion:232 Resp: 187013
 Ion Ratio Lower Upper
 232 100
 131 53.8 43.8 65.8
 130 2.8 2.1 3.1
 166 34.6 27.8 41.6

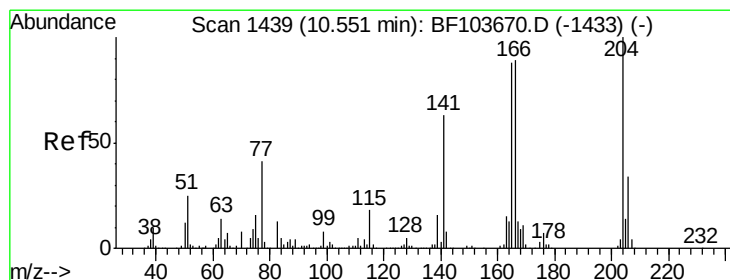
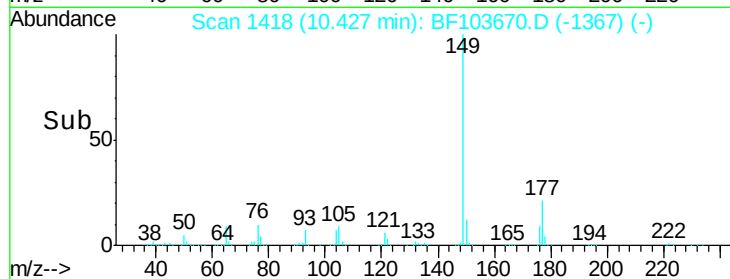
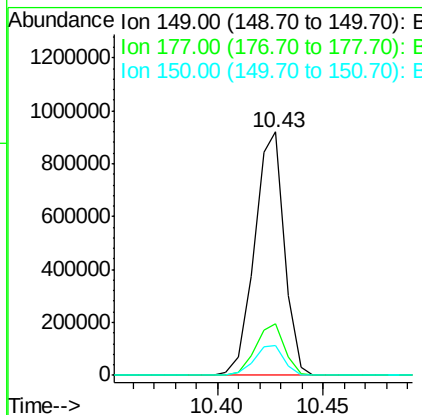
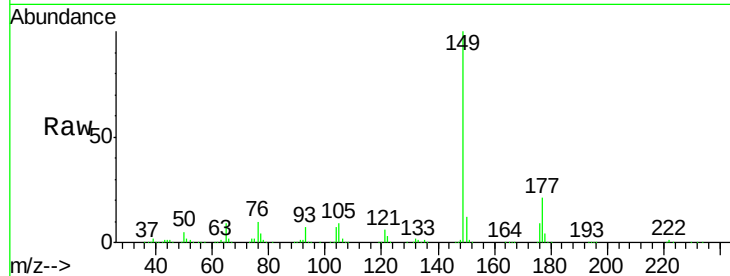




#59
Diethylphthalate
Concen: 39.541 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

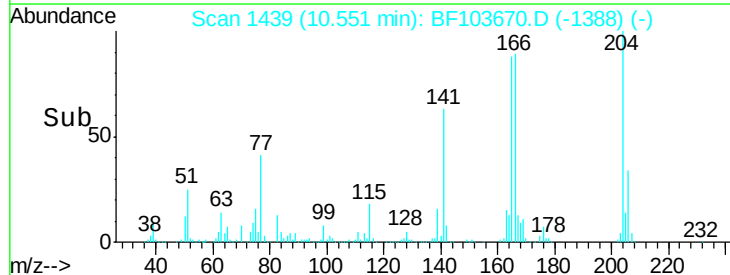
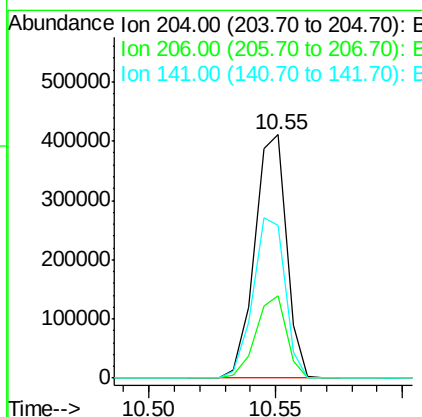
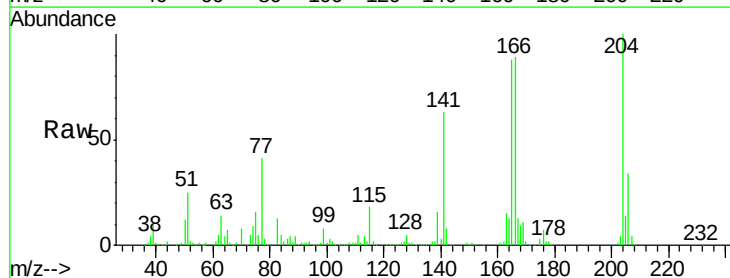
Instrument :
BNA_F
ClientSampleId :

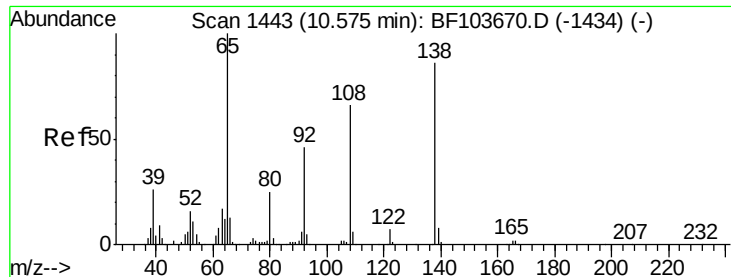
Tot Ion:149 Resp: 900420
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.294 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion:204 Resp: 361479
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 62.5 54.6 81.8

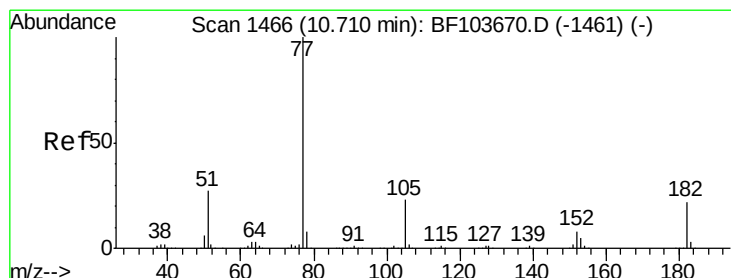
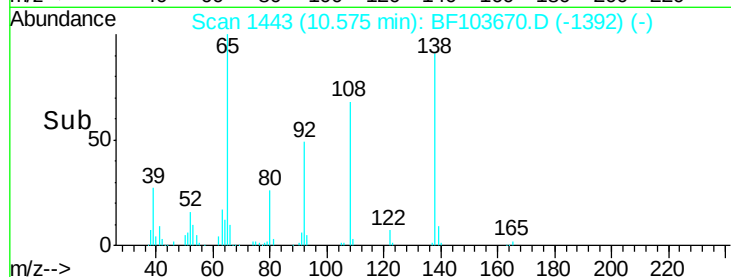
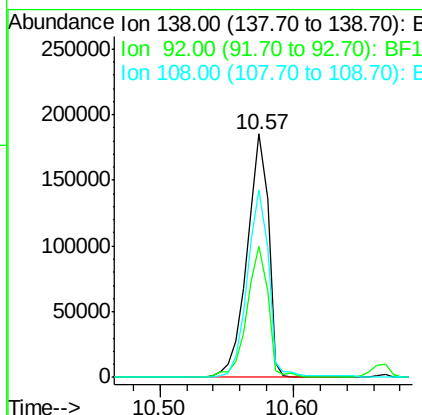
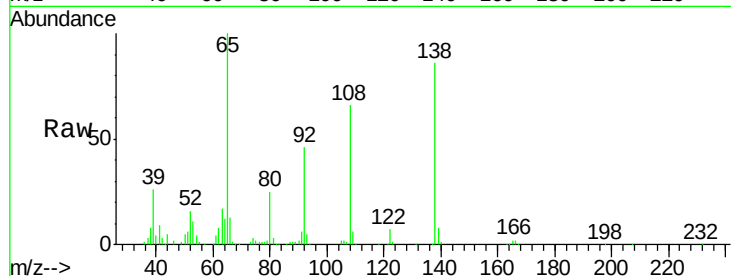




#61
4-Nitroaniline
Concen: 32.062 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

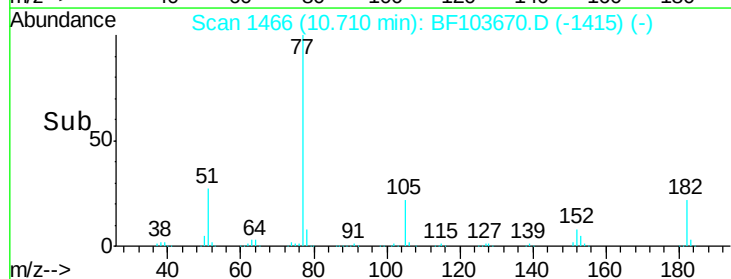
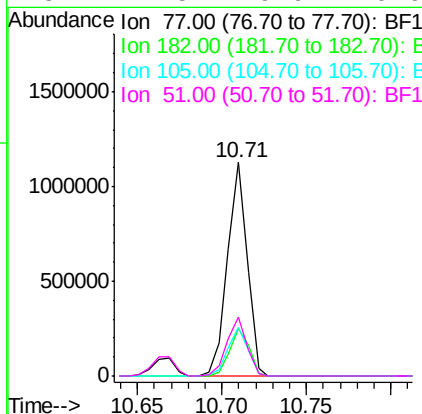
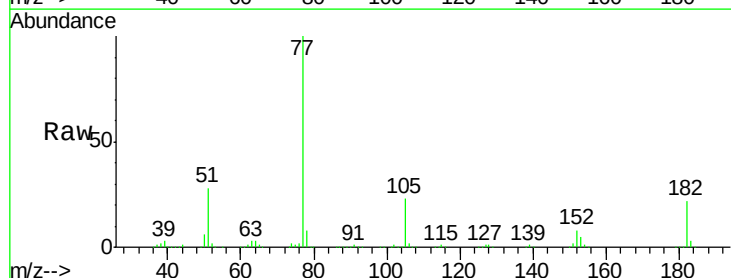
Instrument :
BNA_F
ClientSampled :

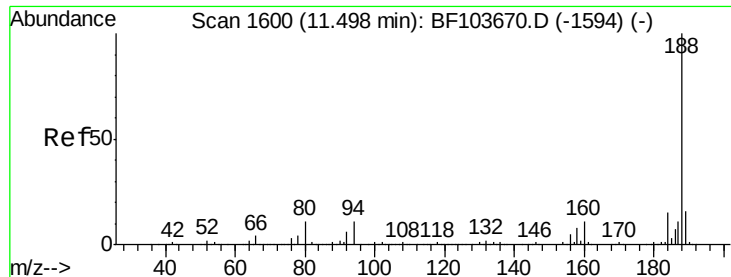
Tot Ion:138 Resp: 203006
Ion Ratio Lower Upper
138 100
92 54.0 30.2 70.2
108 77.1 52.5 92.5



#62
Azobenzene
Concen: 39.395 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion: 77 Resp: 913139
Ion Ratio Lower Upper
77 100
182 22.0 1.7 41.7
105 22.9 3.0 43.0
51 27.5 9.9 49.9

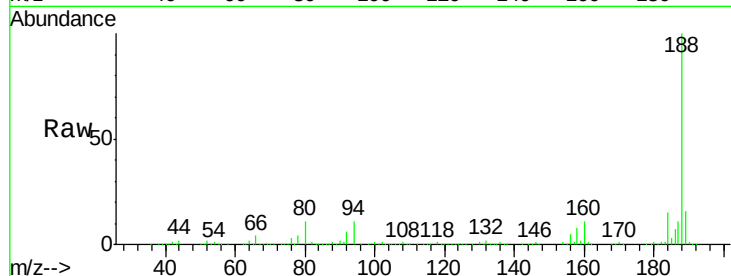




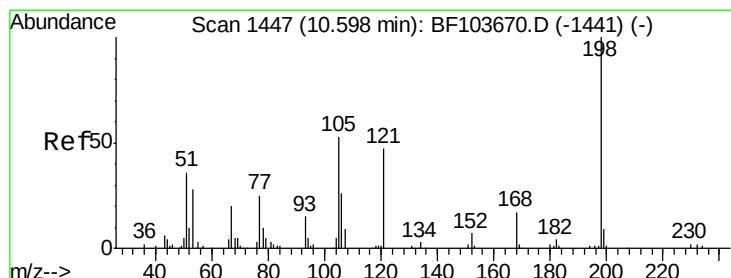
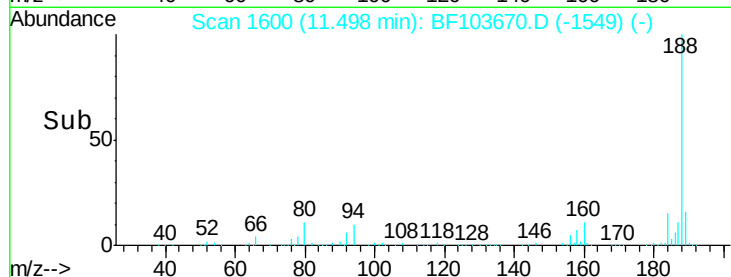
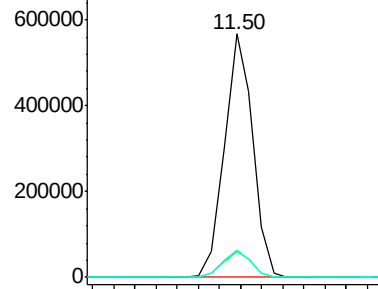
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 529029
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.4 9.2 13.8

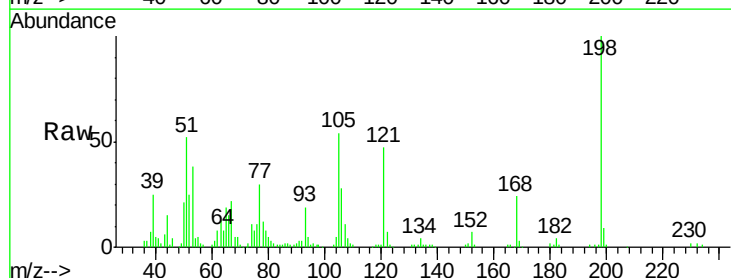


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

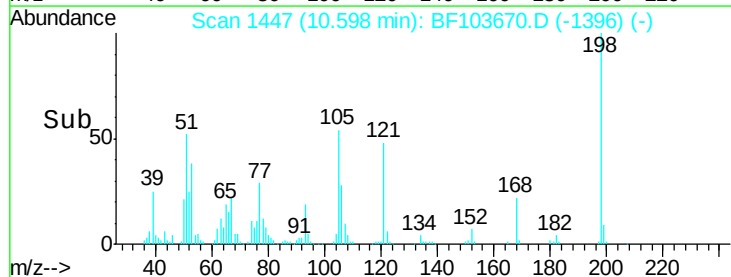
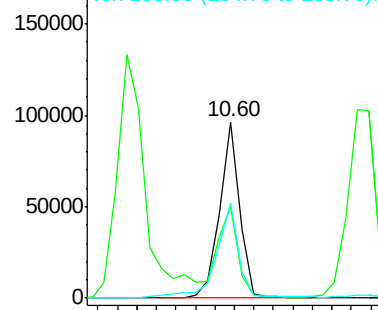


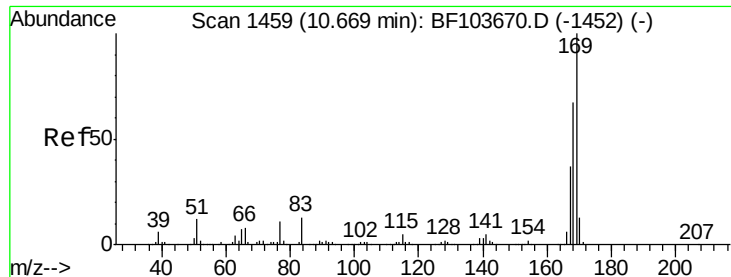
#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.188 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Tgt Ion:198 Resp: 68591
 Ion Ratio Lower Upper
 198 100
 51 52.2 37.7 77.7
 105 54.0 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: 39.222 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

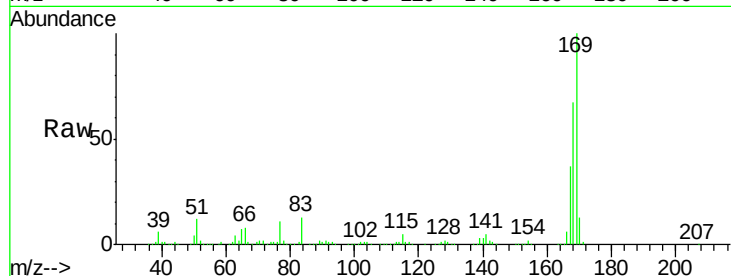
Tot Ion:169 Resp: 722461

Ion Ratio Lower Upper

169 100

168 67.2 54.4 81.6

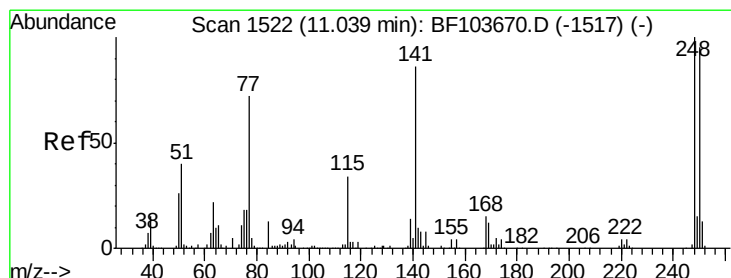
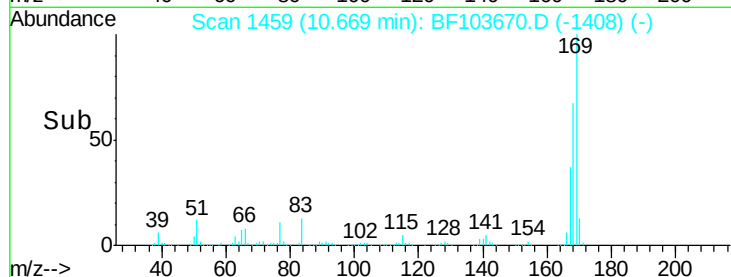
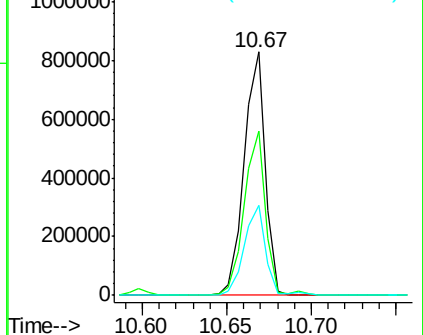
167 37.1 29.8 44.6



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: 40.015 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

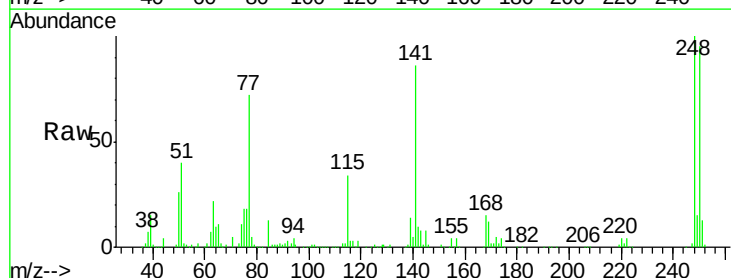
Tgt Ion:248 Resp: 220517

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

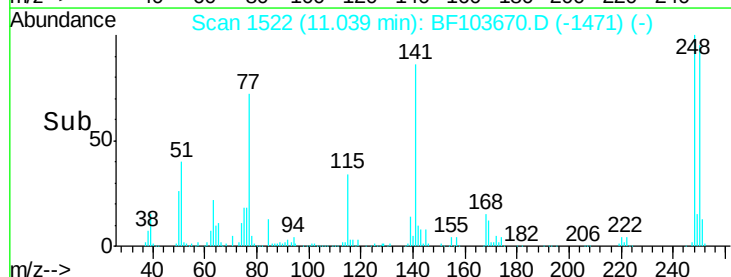
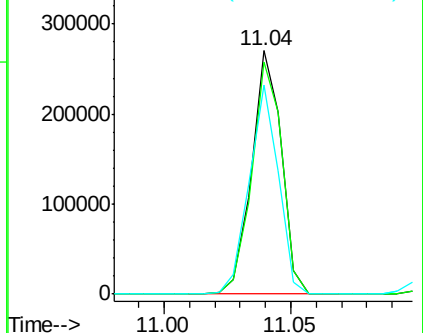
141 86.0 74.4 111.6

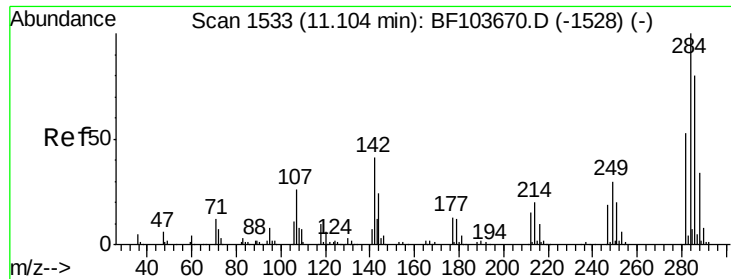


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.454 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

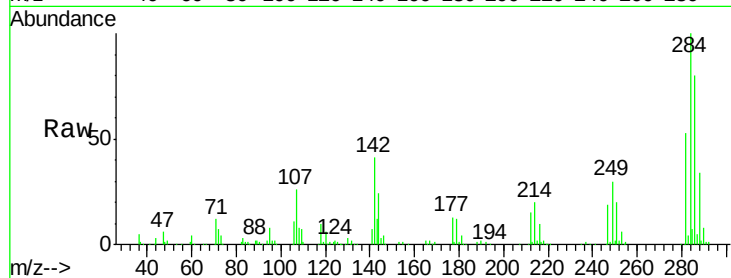
Tot Ion:284 Resp: 247956

Ion Ratio Lower Upper

284 100

142 41.2 34.6 52.0

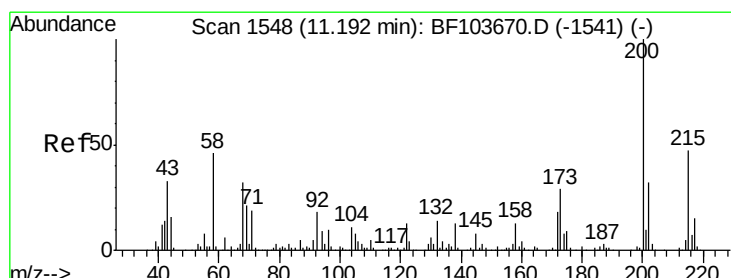
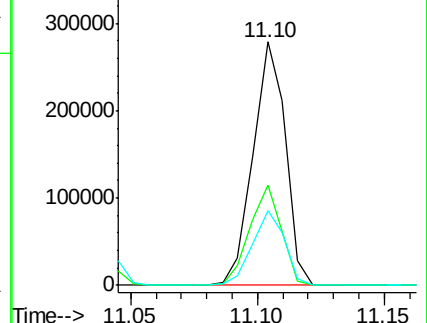
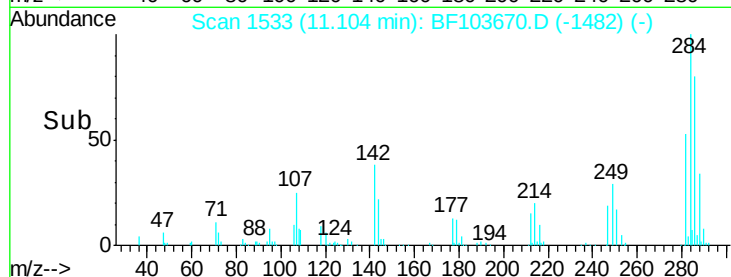
249 30.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.819 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

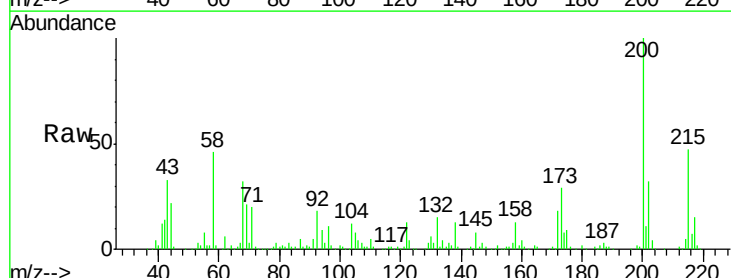
Tgt Ion:200 Resp: 225994

Ion Ratio Lower Upper

200 100

173 29.2 8.6 48.6

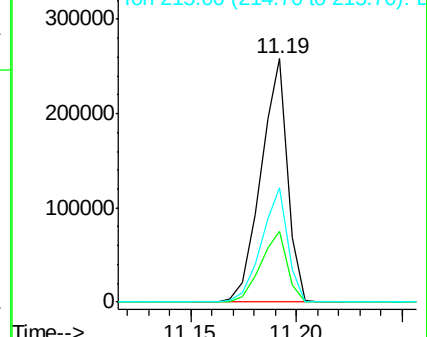
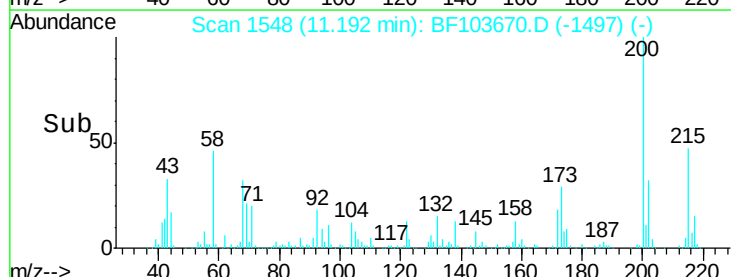
215 46.9 25.1 65.1

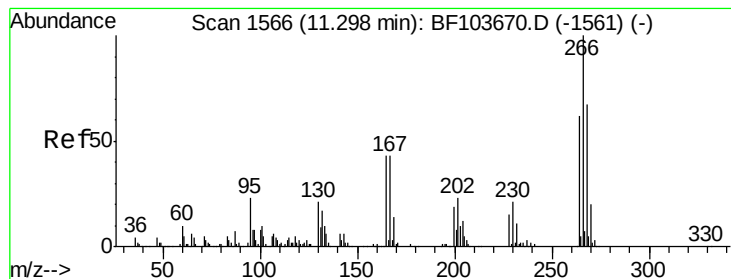


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 52.451 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampled :

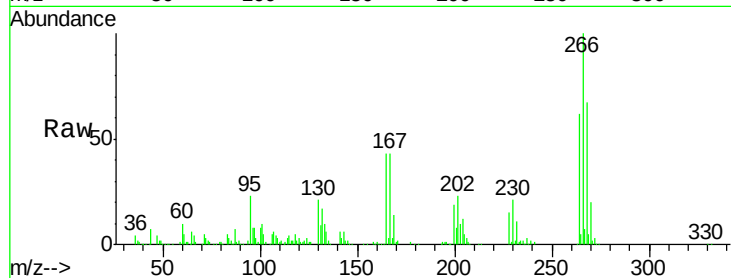
Tot Ion:266 Resp: 151698

Ion Ratio Lower Upper

266 100

268 67.0 51.1 76.7

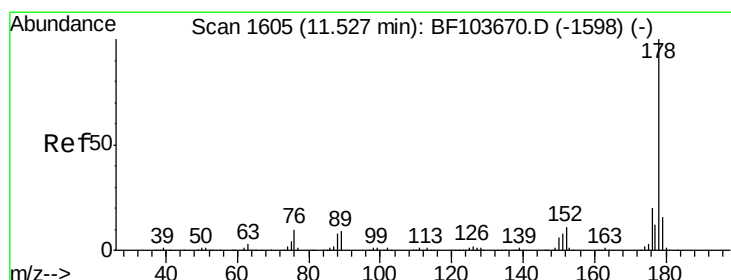
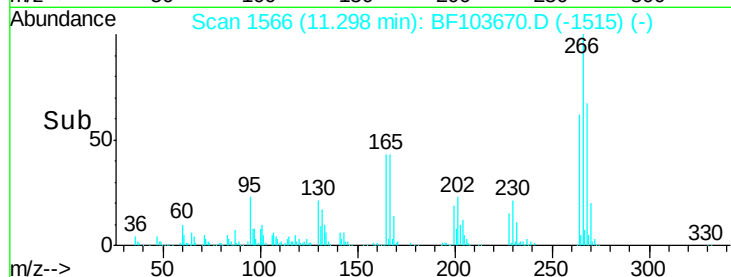
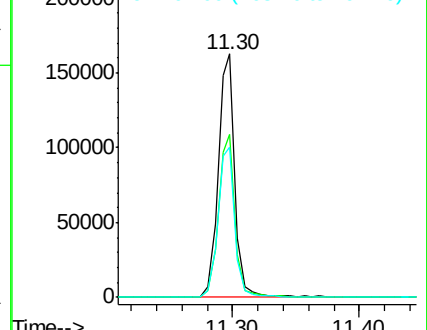
264 61.8 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.122 ng

RT: 11.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

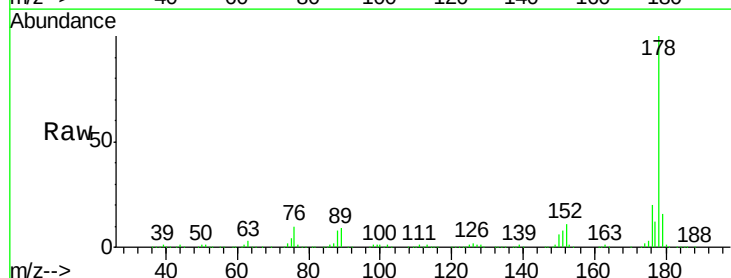
Tgt Ion:178 Resp: 1139007

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

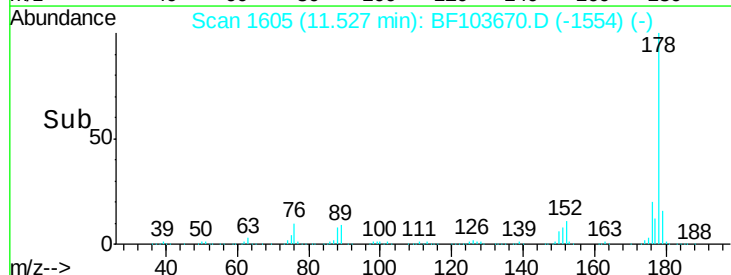
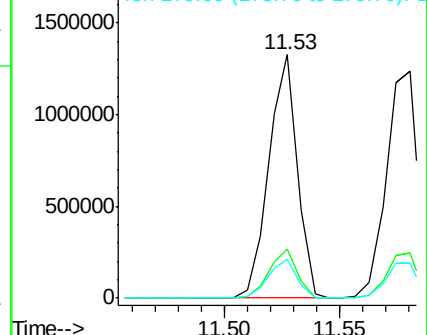
179 15.8 13.0 19.6

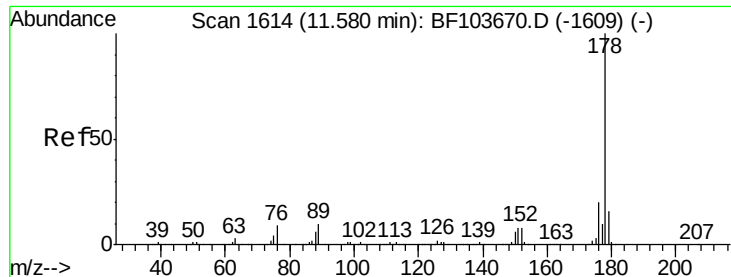


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

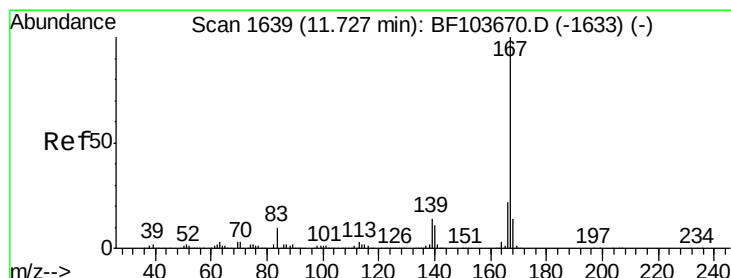
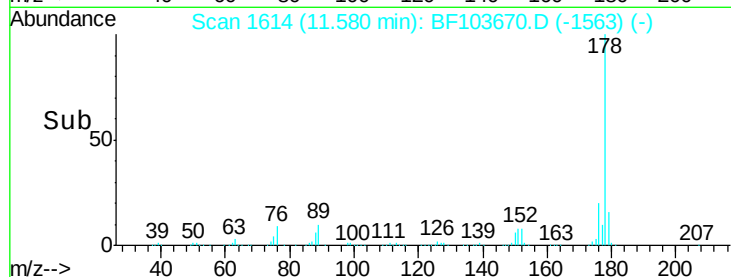
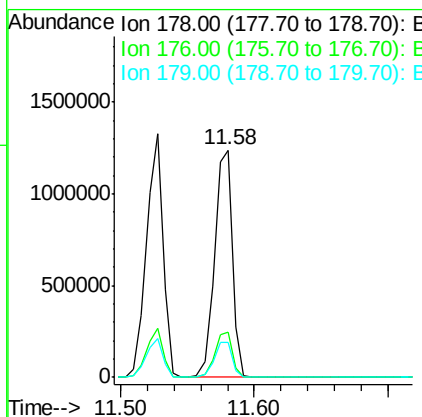
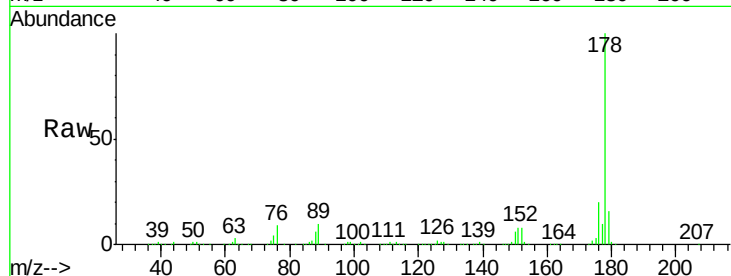




#71
 Anthracene
 Concen: 38.992 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

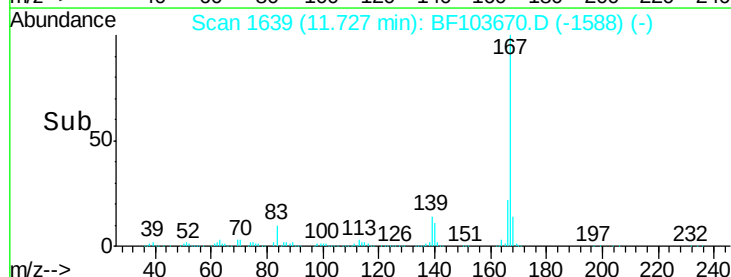
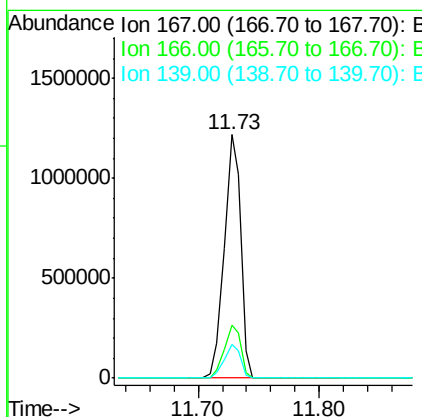
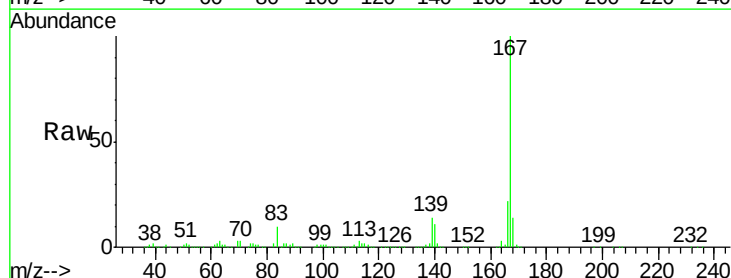
Instrument :
 BNA_F
 ClientSampleId :

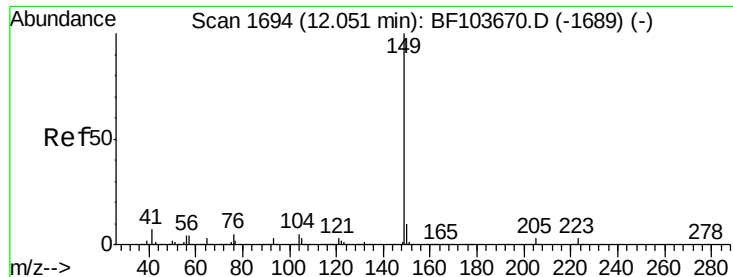
Tot Ion:178 Resp: 1164101
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 38.421 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Tgt Ion:167 Resp: 1142262
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.389 ng

RT: 12.05 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

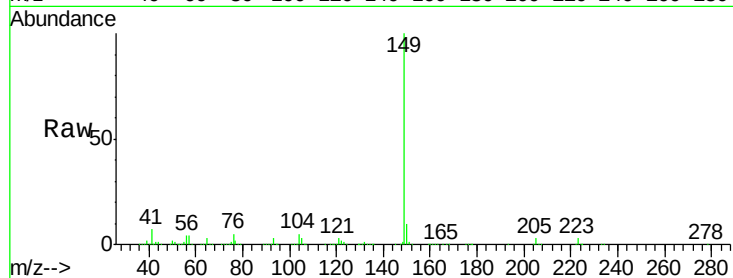
Tot Ion:149 Resp: 1390908

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

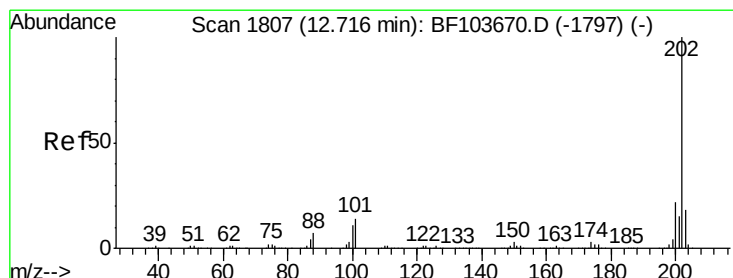
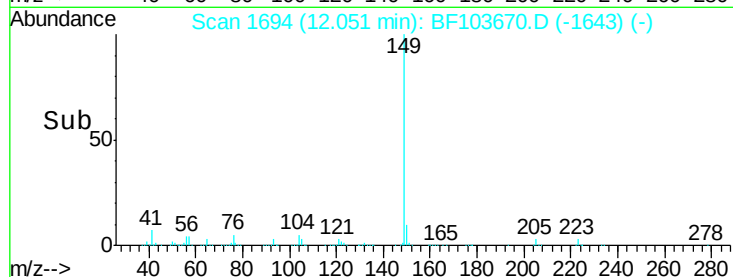
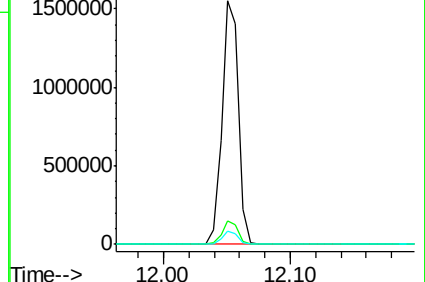
104 5.4 3.8 5.8



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: 40.853 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

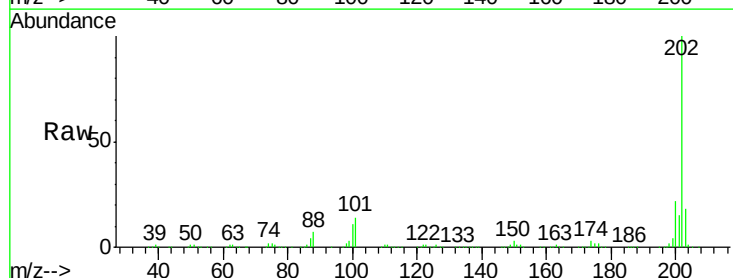
Tgt Ion:202 Resp: 1195228

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

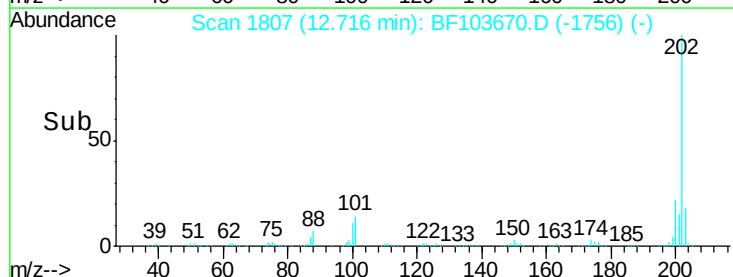
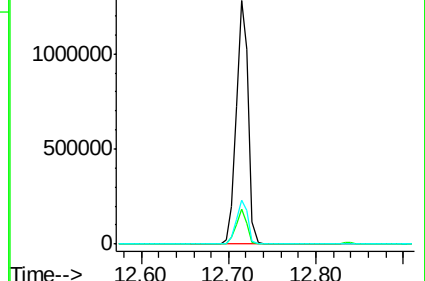
203 18.2 0.0 38.1

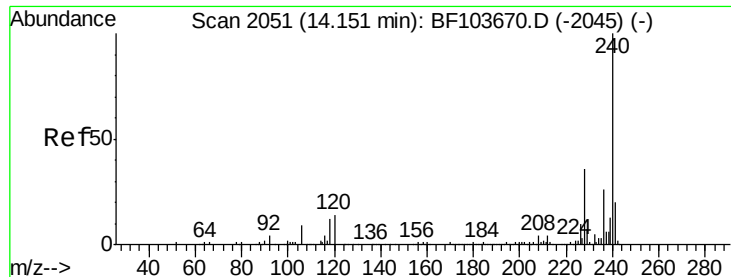


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

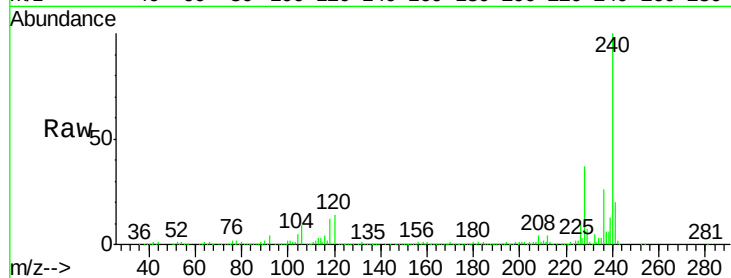
Tot Ion:240 Resp: 430701

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

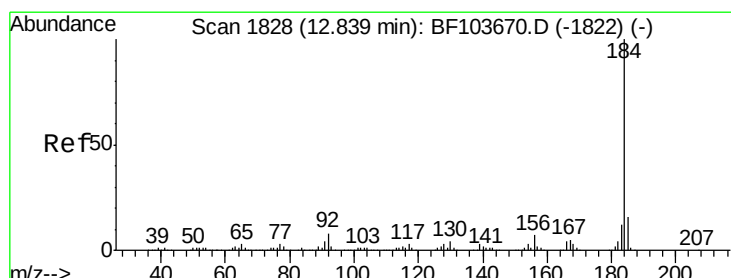
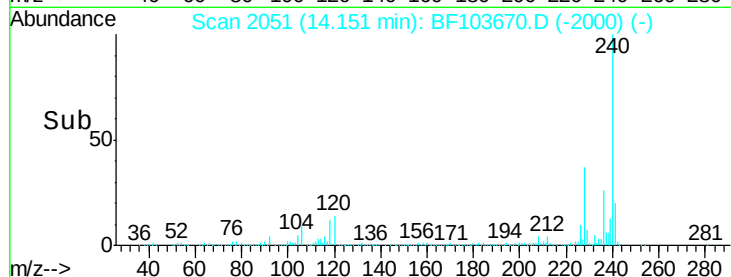
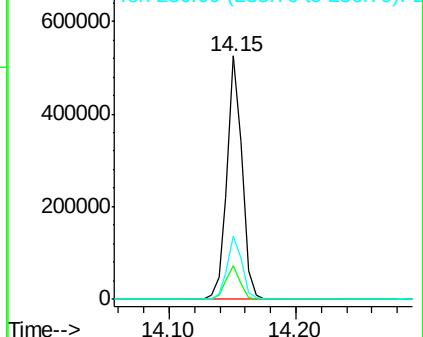
236 26.1 20.7 31.1



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: 46.637 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

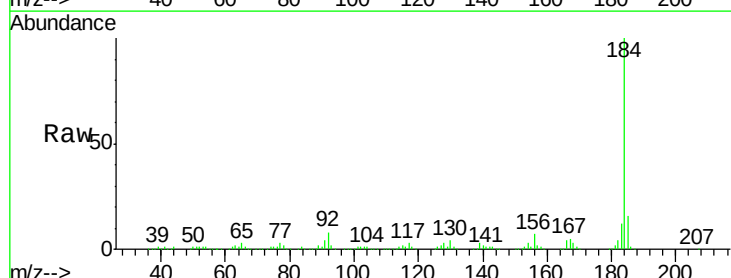
Tgt Ion:184 Resp: 750942

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

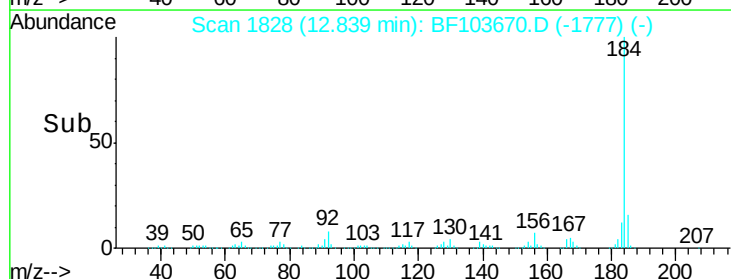
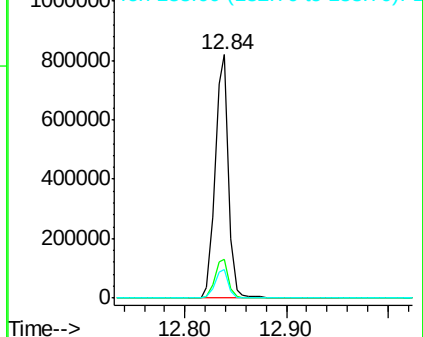
183 11.8 9.3 13.9

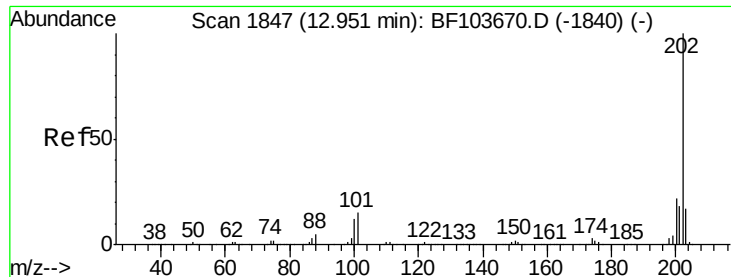


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

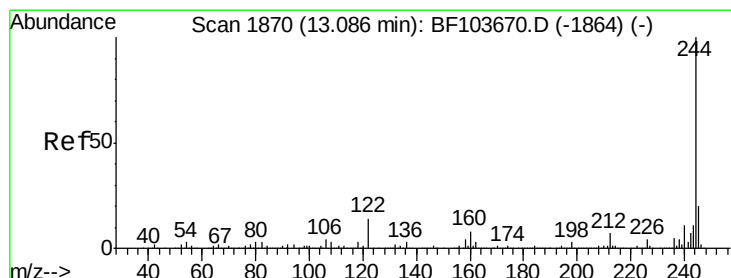
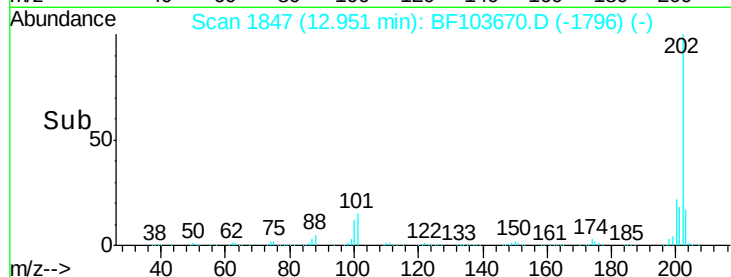
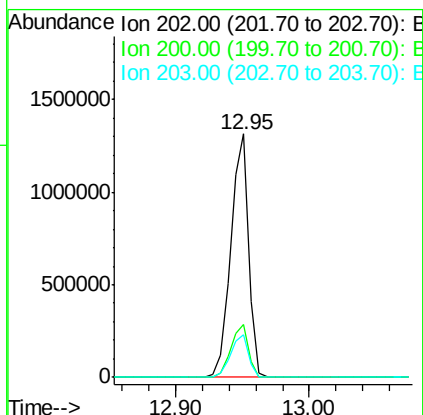
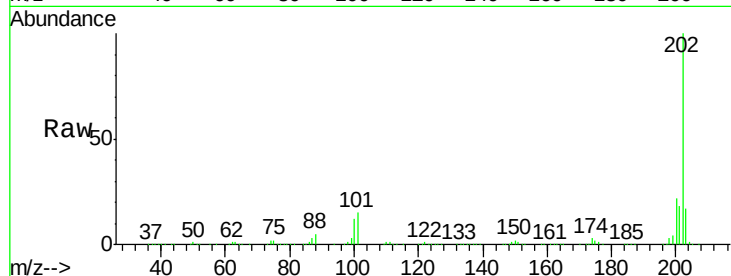




#77
 Pvrene
 Concen: 36.766 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

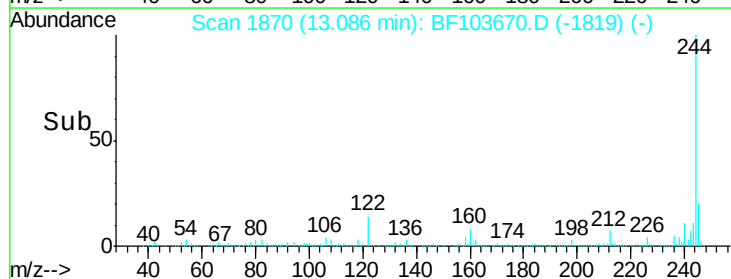
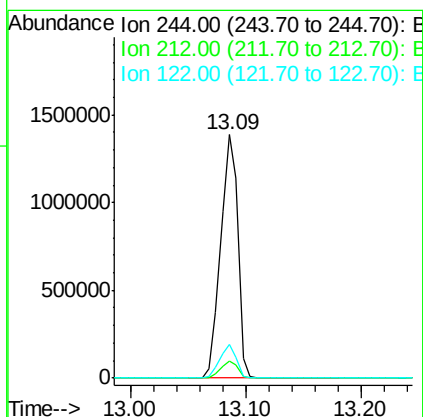
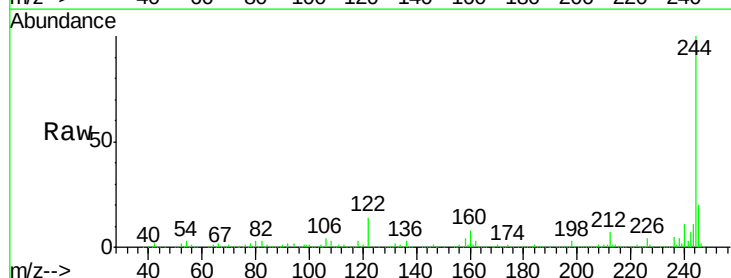
Instrument :
 BNA_F
 ClientSampleId :

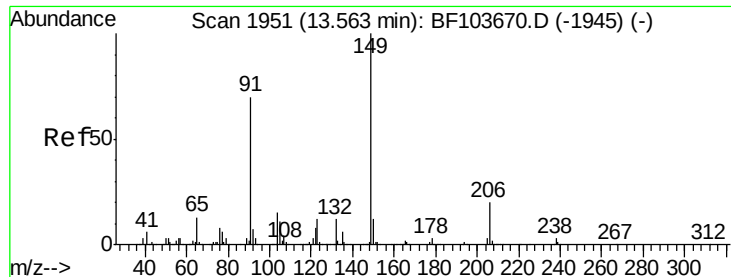
Tot Ion:202 Resp: 1234619
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 17.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 79.502 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Tgt Ion:244 Resp: 1424439
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.8 11.0 16.4

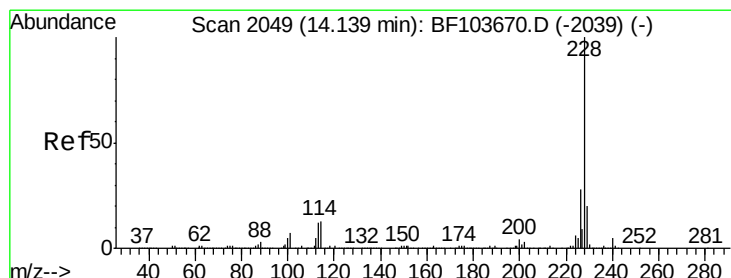
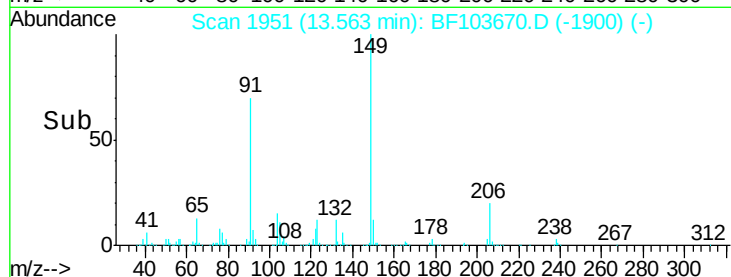
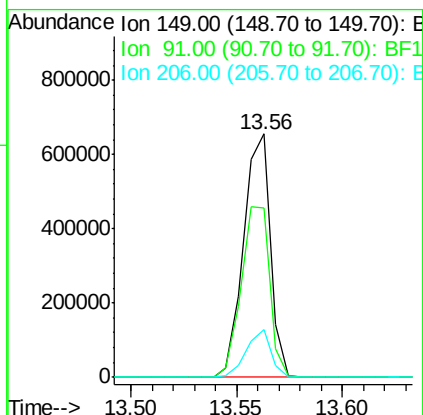
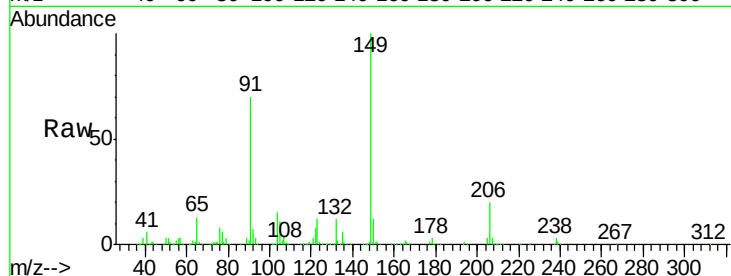




#79
Butylbenzylphthalate
Concen: 32.489 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

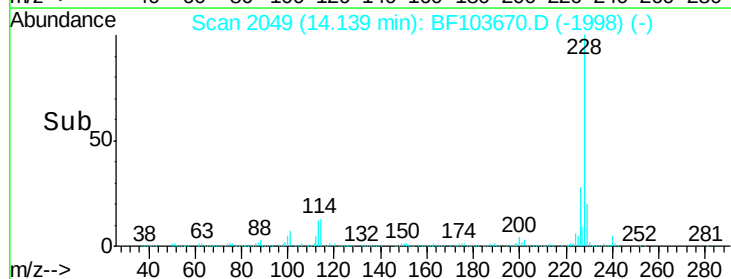
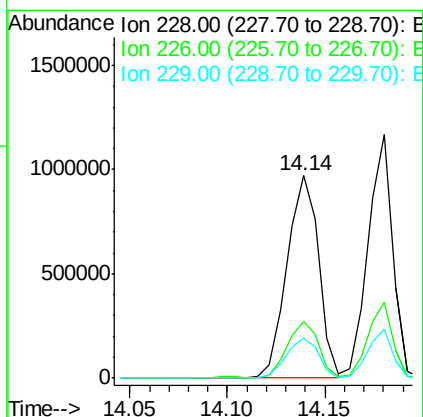
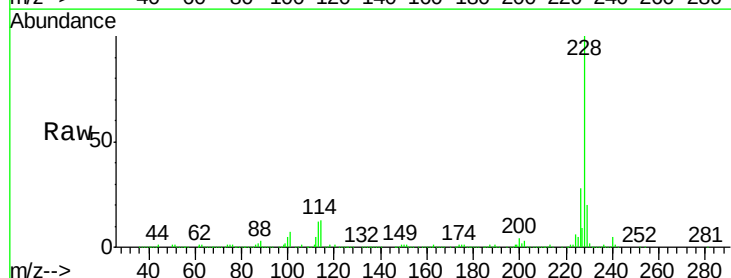
Instrument :
BNA_F
ClientSampleId :

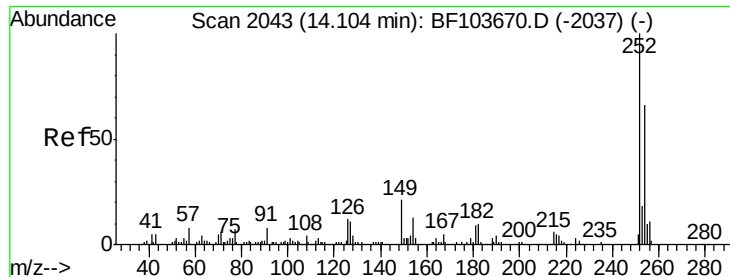
Tot Ion:149 Resp: 576416
Ion Ratio Lower Upper
149 100
91 69.6 56.8 85.2
206 19.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.885 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion:228 Resp: 1086658
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.0 15.8 23.6

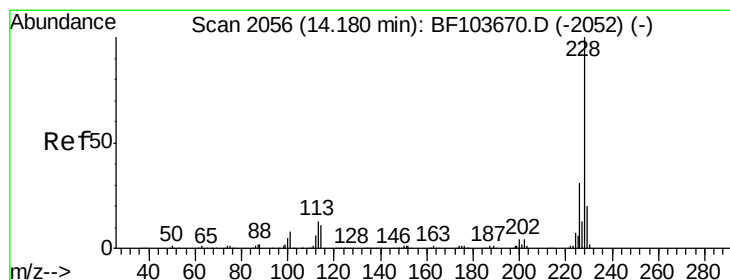
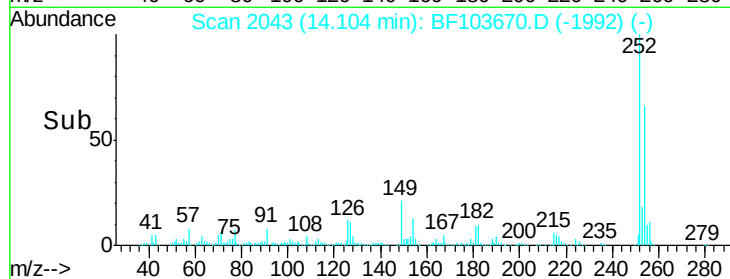
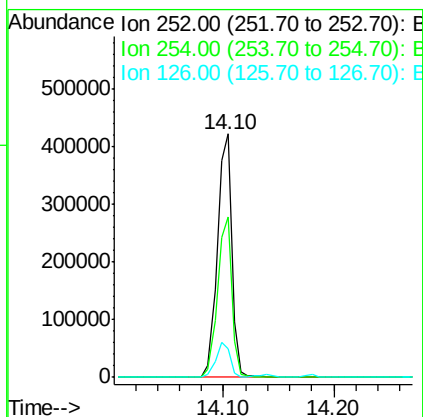
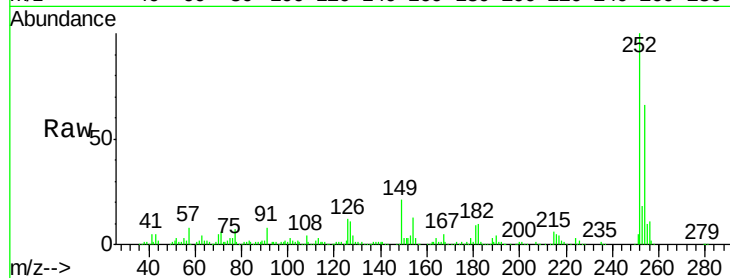




#81
 3,3'-Dichlorobenzidine
 Concen: 38.715 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

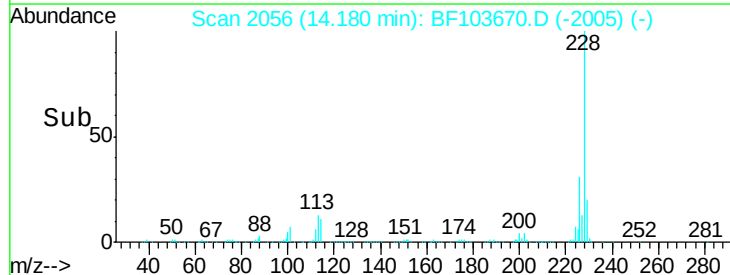
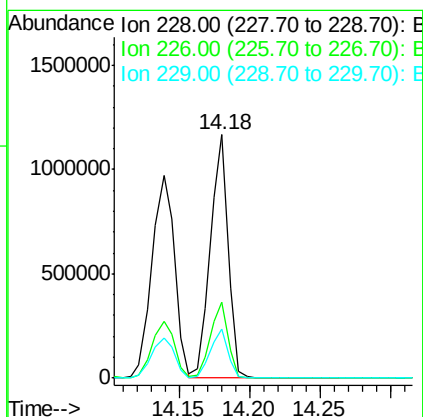
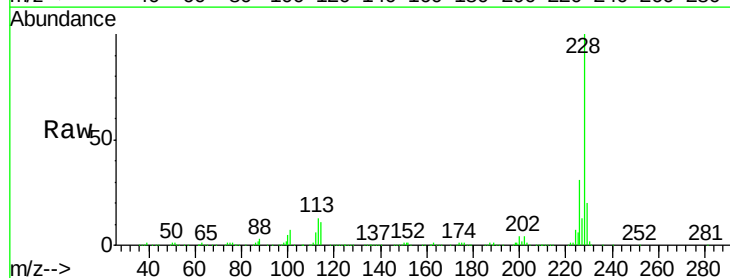
Instrument :
 BNA_F
 ClientSampleId :

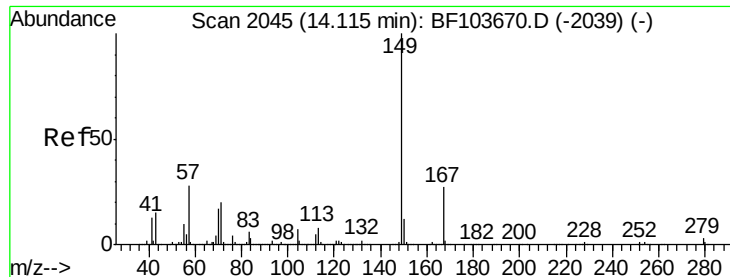
Tot Ion:252 Resp: 386108
 Ion Ratio Lower Upper
 252 100
 254 65.7 50.4 75.6
 126 11.6 11.3 16.9



#82
 Chrysene
 Concen: 37.701 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Tgt Ion:228 Resp: 1022994
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.906 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

Instrument :

BNA_F

ClientSampleId :

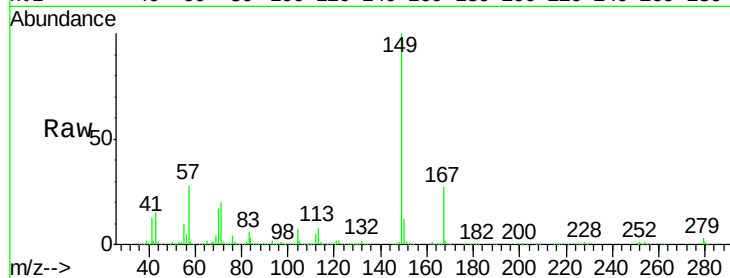
Tot Ion:149 Resp: 835711

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

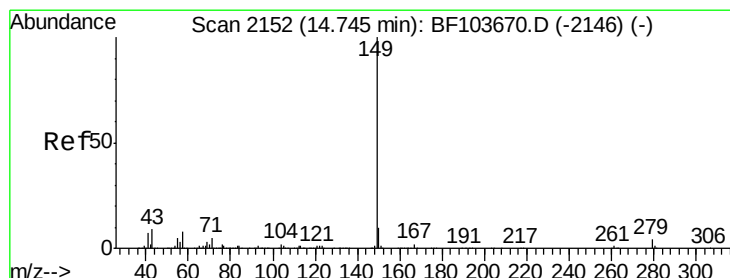
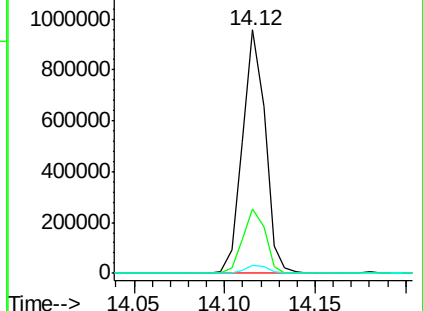
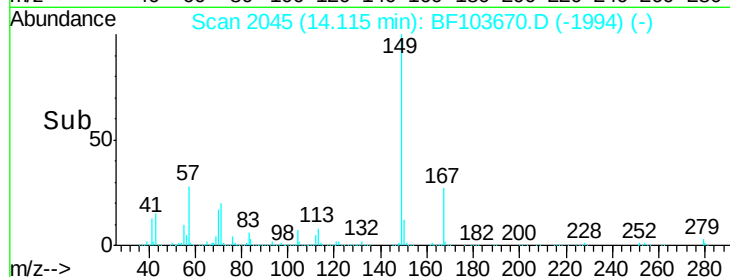
279 3.2 3.0 4.4



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: 32.901 ng

RT: 14.74 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BF103670.D

Acq: 15 Mar 2018 15:39

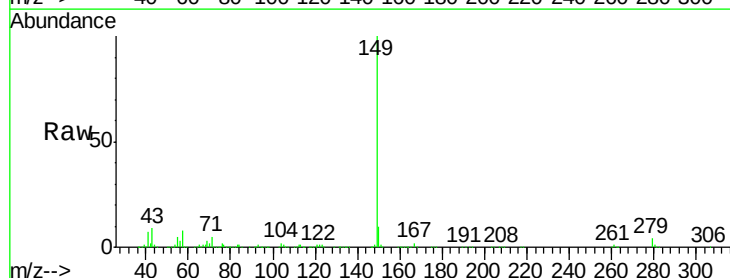
Tgt Ion:149 Resp: 1272714

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

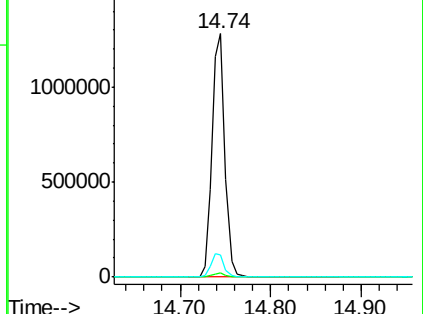
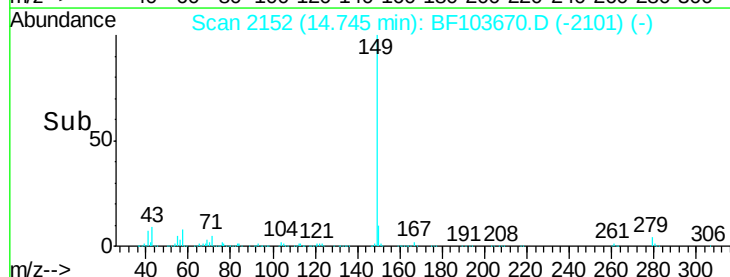
43 9.9 8.4 12.6

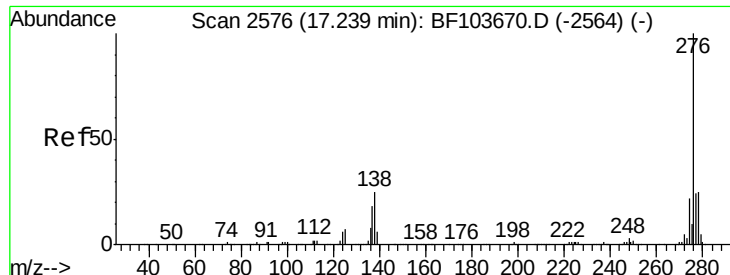


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

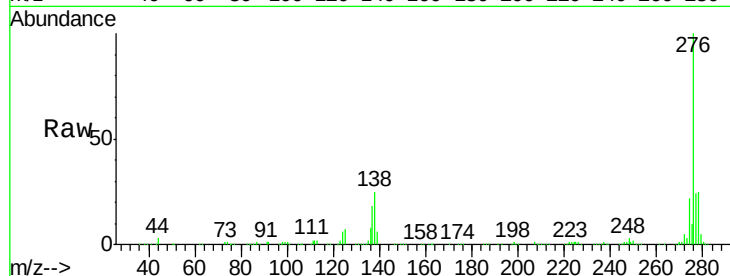




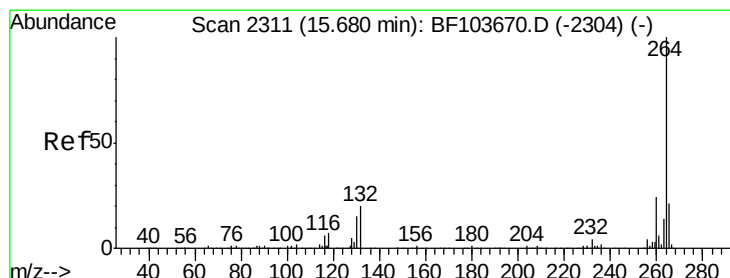
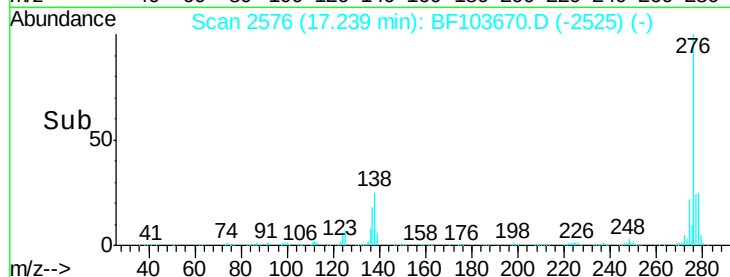
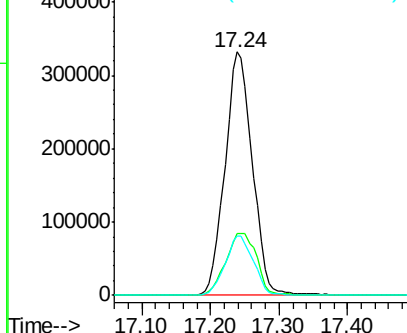
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.824 ng
 RT: 17.24 min Scan# 2576
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.0	37.6
277	25.2	20.1	30.1

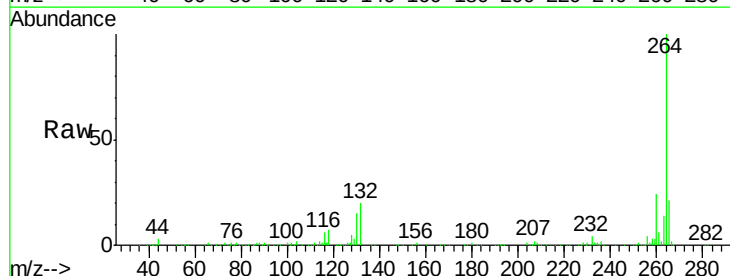


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

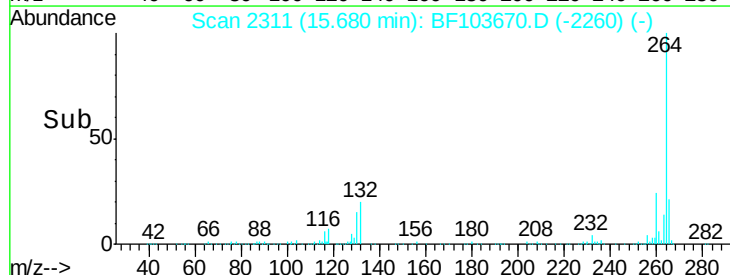
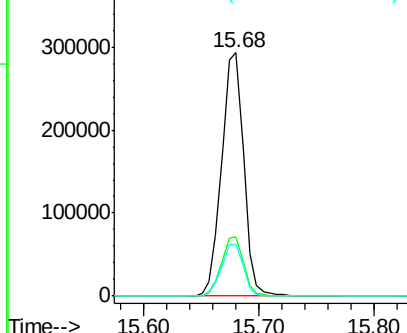


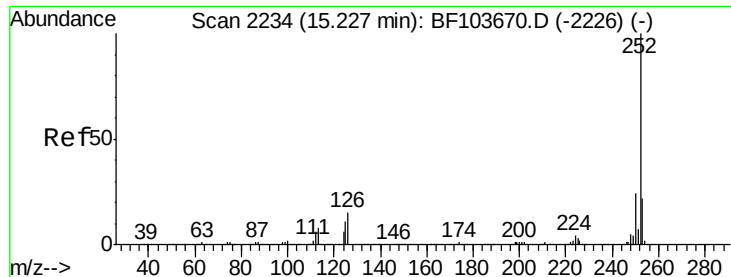
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.4	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

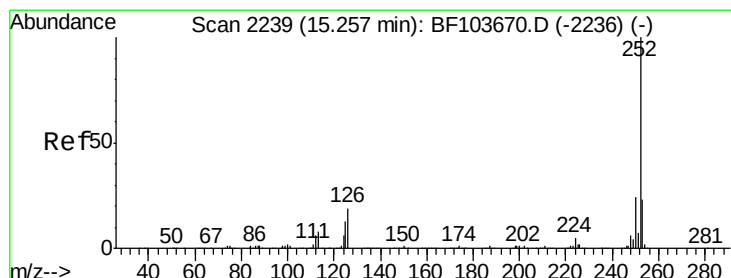
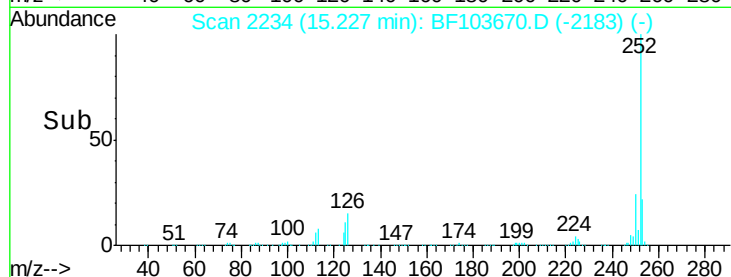
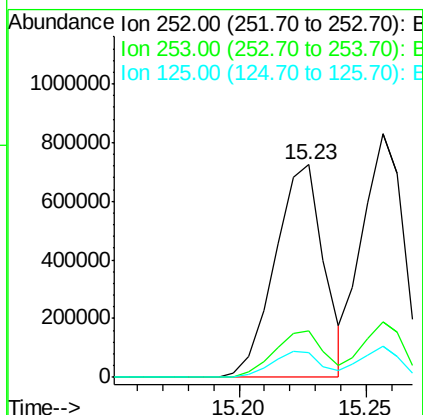
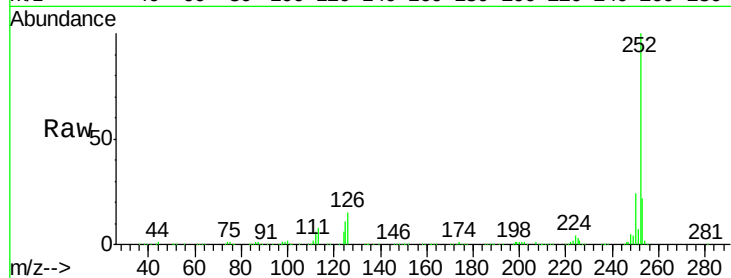




#87
Benzo(b)fluoranthene
Concen: 37.913 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

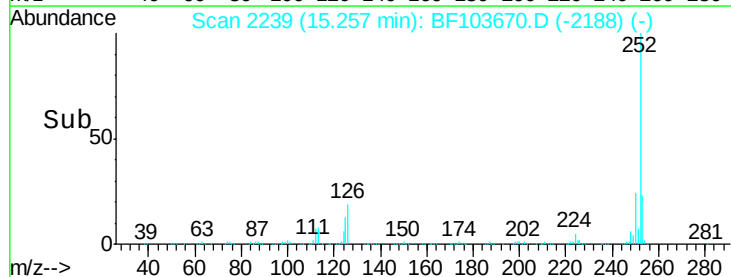
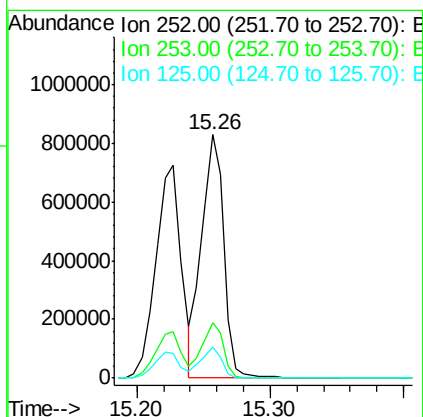
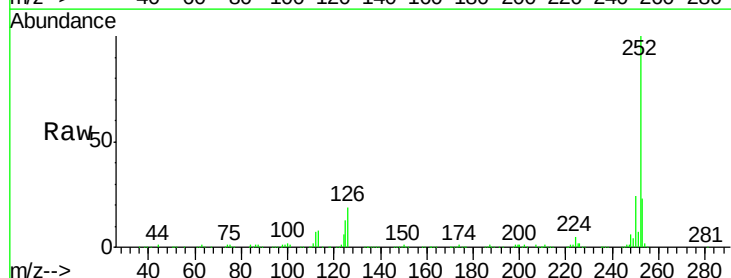
Instrument :
BNA_F
ClientSampled :

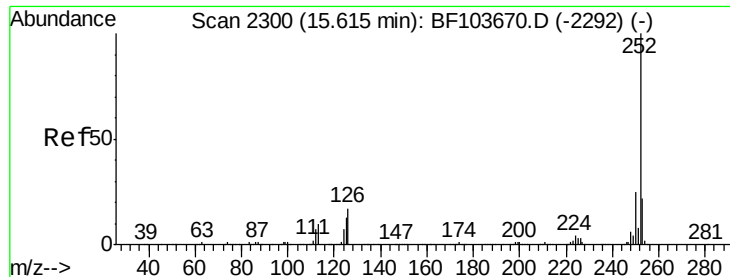
Tot Ion:252 Resp: 972400
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 39.436 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion:252 Resp: 952461
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 12.8 10.2 15.2

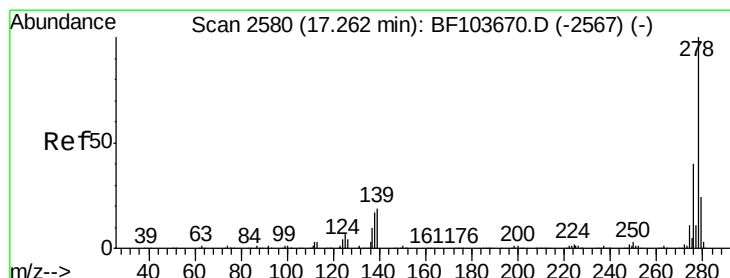
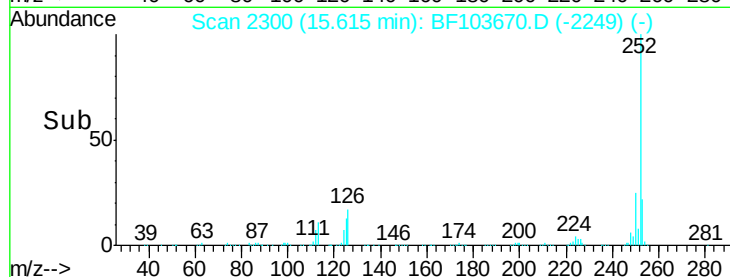
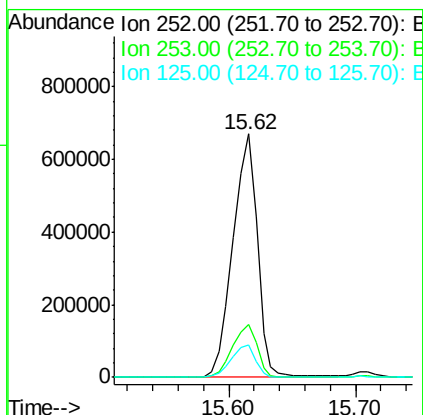
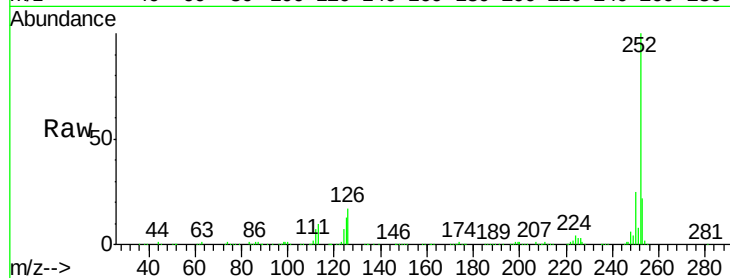




#89
Benzo(a)pyrene
Concen: 39.132 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

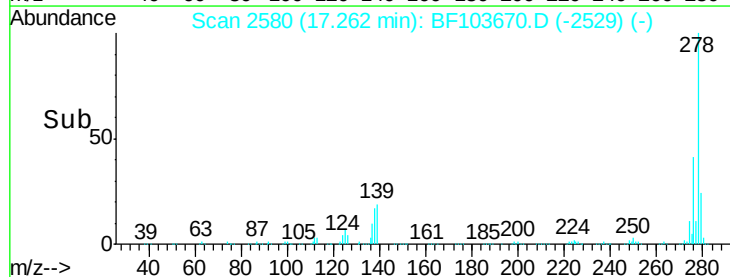
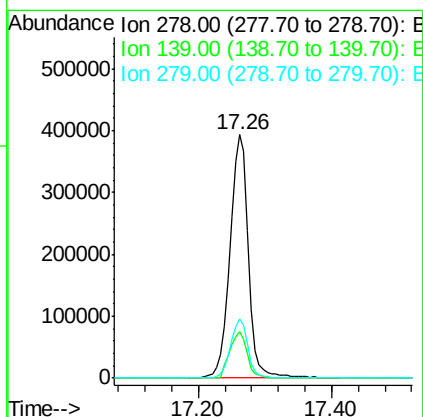
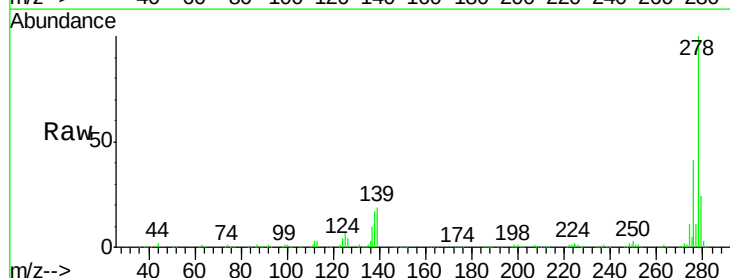
Instrument :
BNA_F
ClientSampleId :

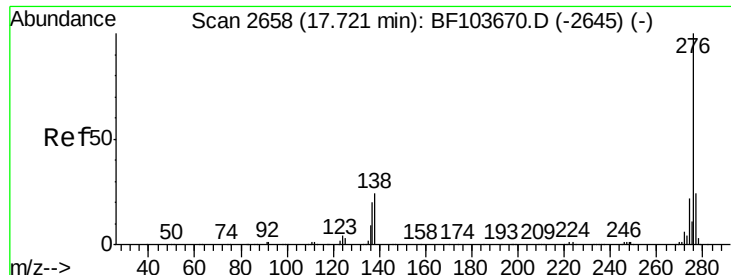
Tot Ion:252 Resp: 896280
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 13.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.375 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF103670.D
Acq: 15 Mar 2018 15:39

Tgt Ion:278 Resp: 767659
Ion Ratio Lower Upper
278 100
139 19.2 15.9 23.9
279 24.4 19.0 28.4

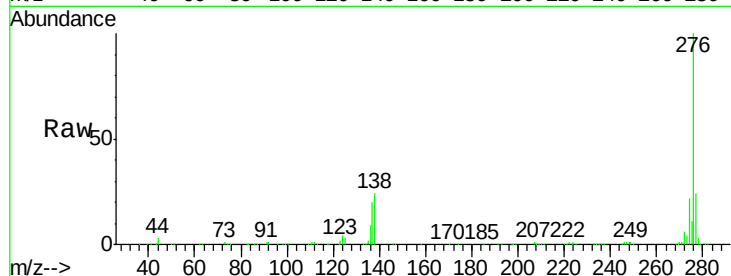




#91
 Benzo(a,h,i)perylene
 Concen: 42.594 ng
 RT: 17.72 min Scan# 2658
 Delta R.T. 0.00 min
 Lab File: BF103670.D
 Acq: 15 Mar 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	24.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

