

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103759.D
 Acq On : 19 Mar 2018 16:47
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 17:44:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168693	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	691092	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	324917	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	571250	20.00	ng	0.00
75) Chrysene-d12	14.16	240	426149	20.00	ng	0.00
86) Perylene-d12	15.69	264	362293	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	840798	75.81	ng	0.00
7) Phenol-d6	6.59	99	1037869	76.49	ng	0.00
23) Nitrobenzene-d5	7.54	82	925719	93.41	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	262808	94.07	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1509906	74.13	ng	0.00
78) Terphenyl-d14	13.09	244	1441410	78.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	211168	38.667	ng	89
3) Pyridine	3.61	79	573101	38.153	ng	89
4) n-Nitrosodimethylamine	3.57	42	186048	33.591	ng	# 72
6) Aniline	6.64	93	747306	38.570	ng	97
8) 2-Chlorophenol	6.76	128	460186	39.608	ng	98
9) Benzaldehyde	6.53	77	325184	36.479	ng	98
10) Phenol	6.61	94	549146	38.086	ng	93
11) bis(2-Chloroethyl)ether	6.71	93	456992	38.394	ng	94
12) 1,3-Dichlorobenzene	6.92	146	515910	38.987	ng	99
13) 1,4-Dichlorobenzene	6.99	146	513384	38.609	ng	98
14) 1,2-Dichlorobenzene	7.15	146	472911	38.327	ng	98
15) Benzyl Alcohol	7.11	79	406818	38.695	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	623193	36.811	ng	95
17) 2-Methylphenol	7.22	107	407920	39.426	ng	99
18) Hexachloroethane	7.49	117	188906	40.388	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	317314	36.490	ng	92
20) 3+4-Methylphenols	7.37	107	510231	38.859	ng	98
22) Acetophenone	7.38	105	650373	36.617	ng	# 94
24) Nitrobenzene	7.56	77	502549	43.194	ng	99
25) Isophorone	7.79	82	871948	38.008	ng	99
26) 2-Nitrophenol	7.87	139	253087	55.369	ng	96
27) 2,4-Dimethylphenol	7.90	122	395042	40.195	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	542333	39.040	ng	99
29) 2,4-Dichlorophenol	8.11	162	374384	41.871	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	409954	39.530	ng	99
31) Naphthalene	8.28	128	1335607	38.258	ng	99
32) Benzoic acid	8.02	122	363798	51.540	ng	99
33) 4-Chloroaniline	8.32	127	584126	39.883	ng	98
34) Hexachlorobutadiene	8.39	225	223559	39.318	ng	99
35) Caprolactam	8.70	113	133912	43.493	ng	# 84
36) 4-Chloro-3-methylphenol	8.80	107	401143	40.695	ng	96
37) 2-Methylnaphthalene	8.97	142	847441	38.279	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	368399	39.743	ng	99
40) Hexachlorocyclopentadiene	9.12	237	224308	46.896	ng	99

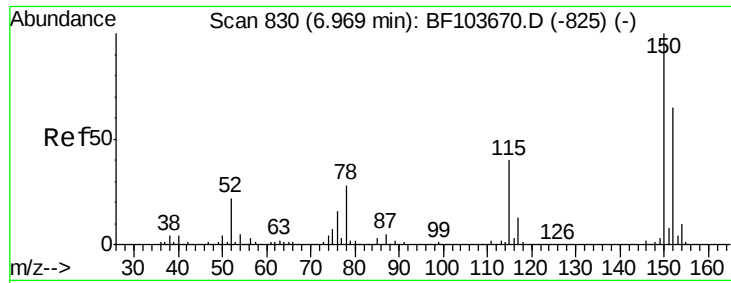
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103759.D
 Acq On : 19 Mar 2018 16:47
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 10:47:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	262908	44.342	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	296742	44.343	ng	98
45) 1,1'-Biphenyl	9.43	154	1026045	37.871	ng	100
46) 2-Chloronaphthalene	9.46	162	840988	39.081	ng	98
47) 2-Nitroaniline	9.56	65	262476	46.821	ng	91
48) Acenaphthylene	9.88	152	1283196	38.454	ng	99
49) Dimethylphthalate	9.73	163	996322	40.191	ng	99
50) 2,6-Dinitrotoluene	9.80	165	222720	46.573	ng	88
51) Acenaphthene	10.05	154	799801	40.366	ng	100
52) 3-Nitroaniline	9.97	138	260752	45.579	ng	99
53) 2,4-Dinitrophenol	10.07	184	99307	72.307	ng	# 20
54) Dibenzofuran	10.22	168	1083148	38.276	ng	99
55) 4-Nitrophenol	10.12	139	197243	45.730	ng	92
56) 2,4-Dinitrotoluene	10.20	165	295331	48.533	ng	96
57) Fluorene	10.57	166	838813	38.199	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	213775	45.083	ng	96
59) Diethylphthalate	10.43	149	951170	38.659	ng	99
60) 4-Chlorophenyl-phenylether	10.56	204	392229	39.084	ng	94
61) 4-Nitroaniline	10.59	138	253368	45.977	ng	93
62) Azobenzene	10.72	77	911938	36.456	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	152620	63.217	ng	88
65) n-Nitrosodiphenylamine	10.67	169	774907	39.853	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	243223	41.469	ng	95
67) Hexachlorobenzene	11.12	284	273854	40.909	ng	# 91
68) Atrazine	11.20	200	244280	40.612	ng	98
69) Pentachlorophenol	11.30	266	179586	46.663	ng	97
70) Phenanthrene	11.53	178	1212620	38.805	ng	99
71) Anthracene	11.59	178	1226113	38.632	ng	100
72) Carbazole	11.74	167	1180442	38.266	ng	99
73) Di-n-butylphthalate	12.06	149	1465800	39.601	ng	100
74) Fluoranthene	12.73	202	1230385	38.219	ng	99
76) Benzidine	12.84	184	760158	41.823	ng	99
77) Pyrene	12.96	202	1281563	40.950	ng	100
79) Butylbenzylphthalate	13.56	149	621151	44.797	ng	98
80) Benzo(a)anthracene	14.15	228	1068179	39.599	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	376113	41.684	ng	98
82) Chrysene	14.19	228	1018303	39.601	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	825309	41.664	ng	99
84) Di-n-octyl phthalate	14.74	149	1282252	44.495	ng	95
85) Indeno(1,2,3-cd)pyrene	17.26	276	826691	36.814	ng	99
87) Benzo(b)fluoranthene	15.24	252	904787	39.530	ng	98
88) Benzo(k)fluoranthene	15.27	252	903627	41.070	ng	100
89) Benzo(a)pyrene	15.63	252	826731	39.823	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	690636	38.419	ng	99
91) Benzo(g,h,i)perylene	17.74	276	680888	38.934	ng	99

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

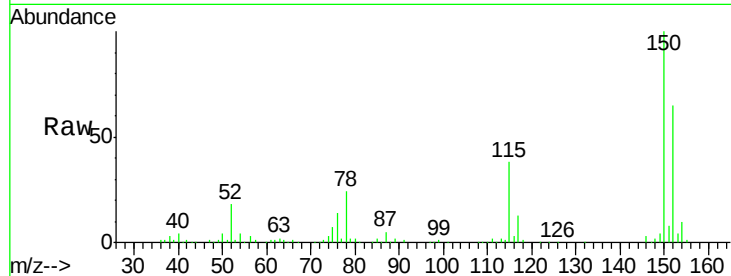


#1

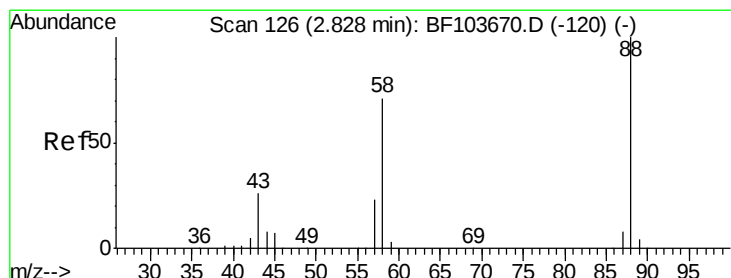
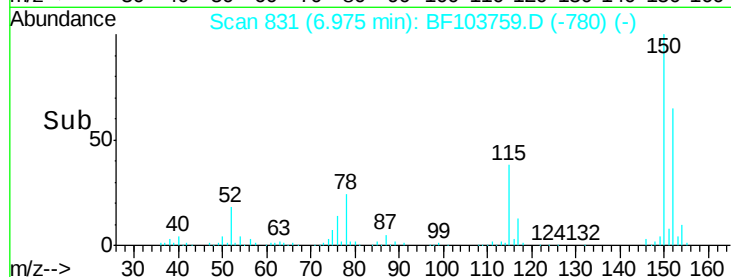
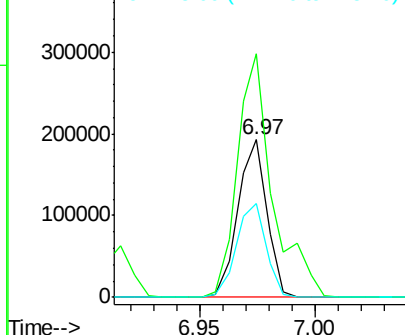
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 168693
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 59.5 50.1 75.1



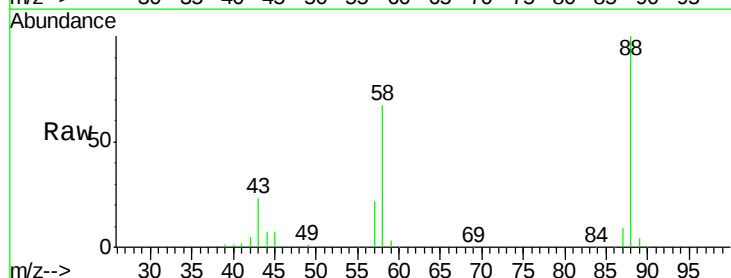
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



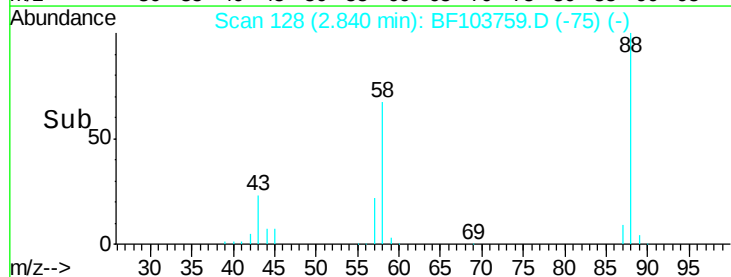
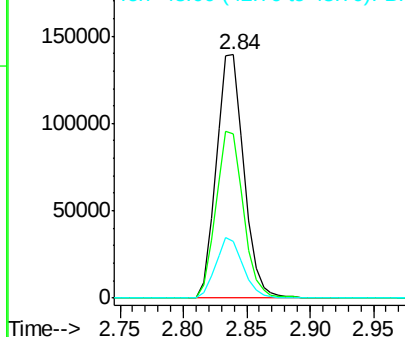
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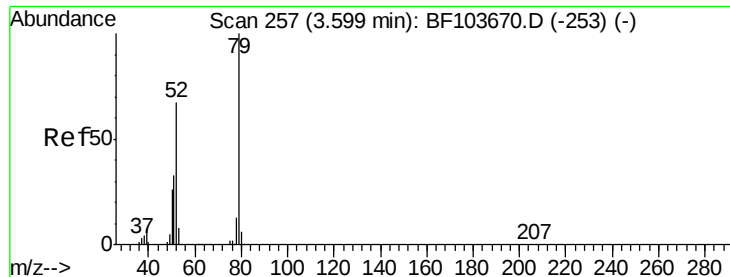
1,4-Dioxane
Concen: 38.667 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.01 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion: 88 Resp: 211168
Ion Ratio Lower Upper
88 100
58 68.0 62.6 93.8
43 24.8 24.6 37.0



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





#3

Pvridine

Concen: 38.153 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.01 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

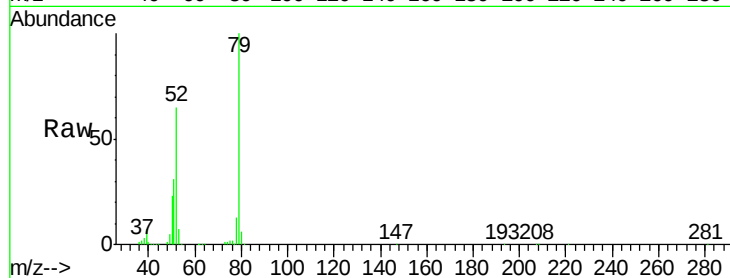
Tot Ion: 79 Resp: 573101

Ion Ratio Lower Upper

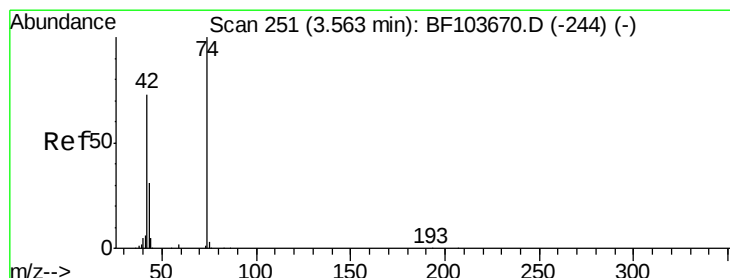
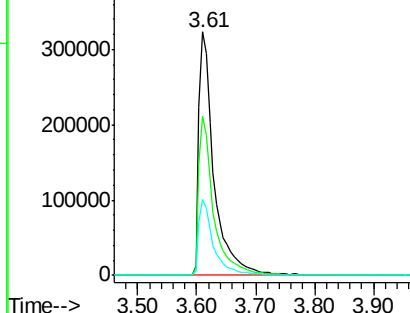
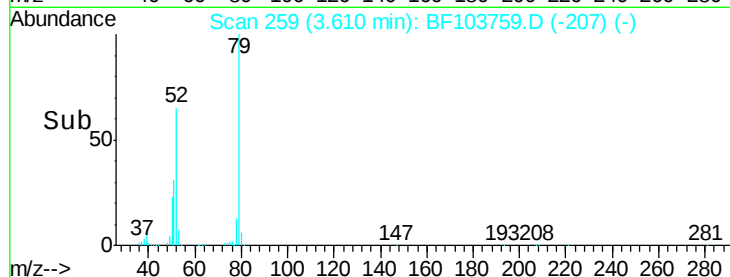
79 100

52 65.5 59.8 89.6

51 31.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.591 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.01 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

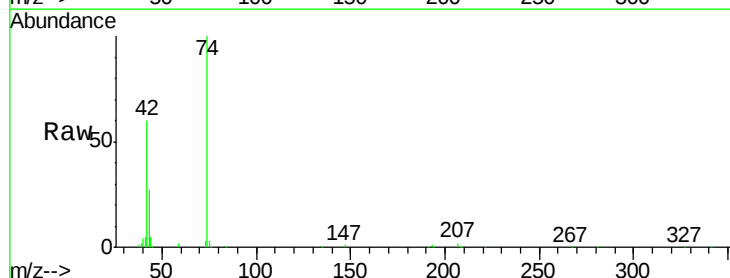
Tgt Ion: 42 Resp: 186048

Ion Ratio Lower Upper

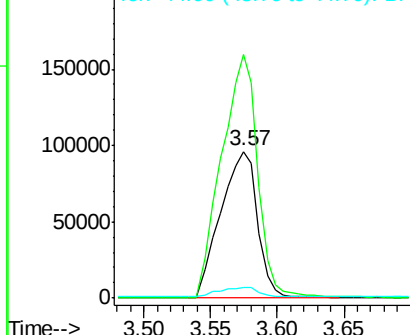
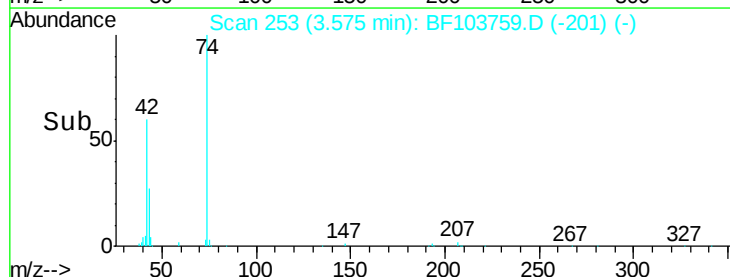
42 100

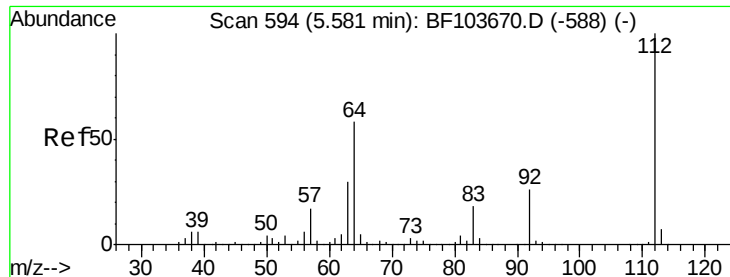
74 166.3 104.9 157.3#

44 7.5 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.809 ng

RT: 5.59 min Scan# 596

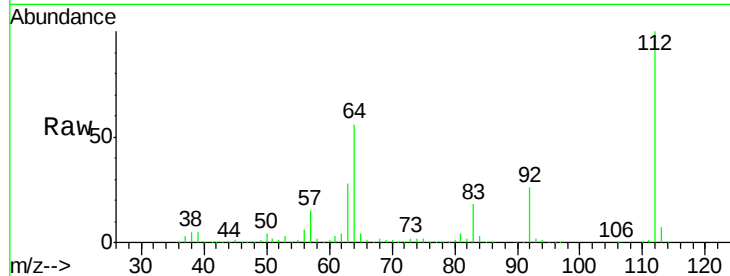
Delta R.T. -0.00 min

Lab File: BF103759.D

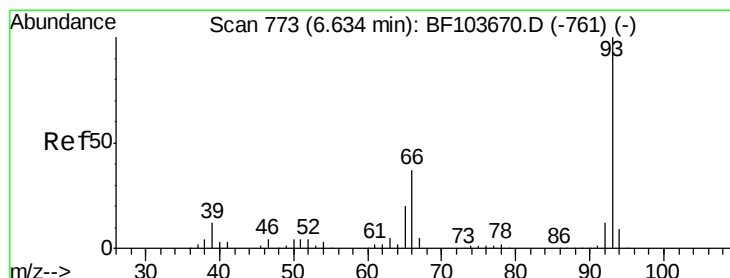
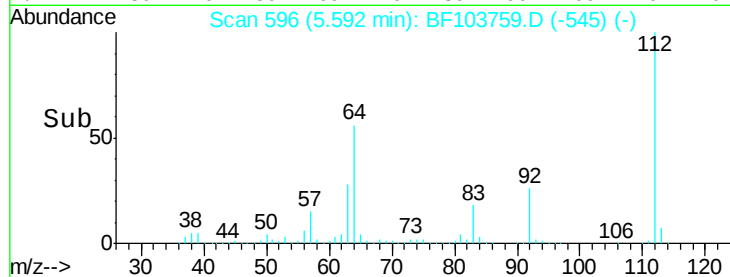
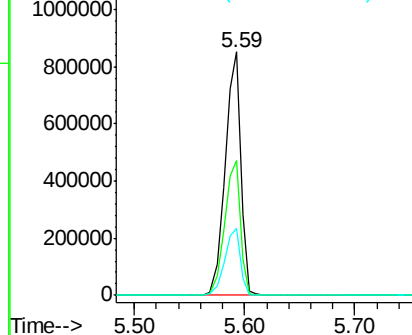
Acq: 19 Mar 2018 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	840798
Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.7	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: 38.570 ng

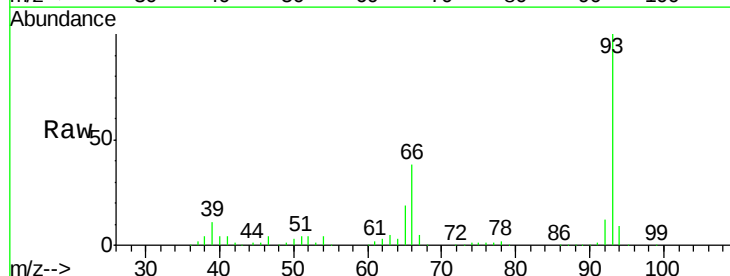
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

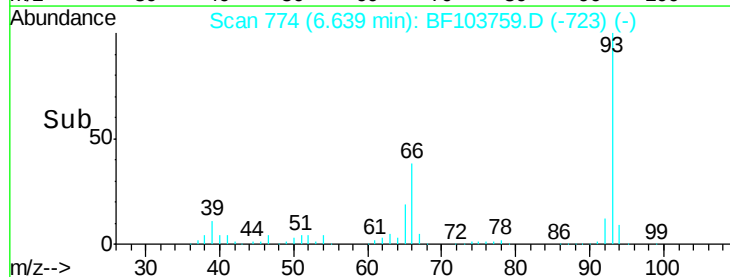
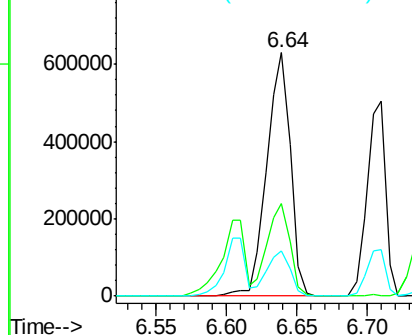
Lab File: BF103759.D

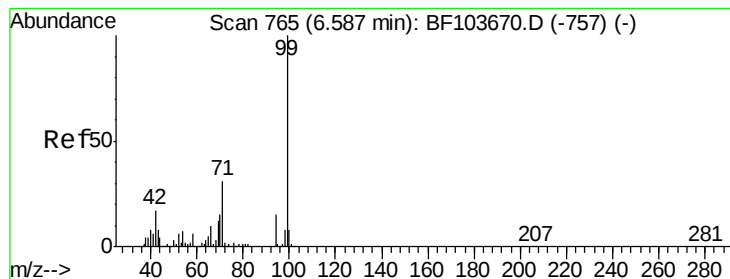
Acq: 19 Mar 2018 16:47

Tgt Ion:	93	Resp:	747306
Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.2	48.2
65	18.7	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: 76.488 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

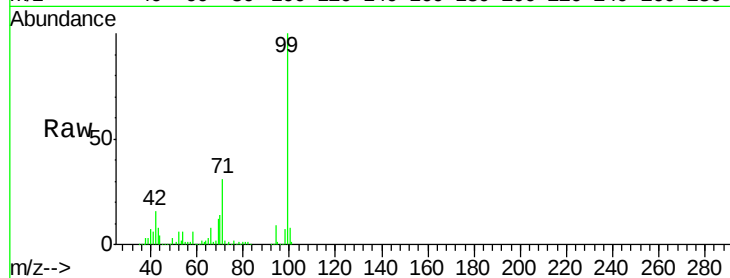
Tot Ion: 99 Resp: 1037869

Ion Ratio Lower Upper

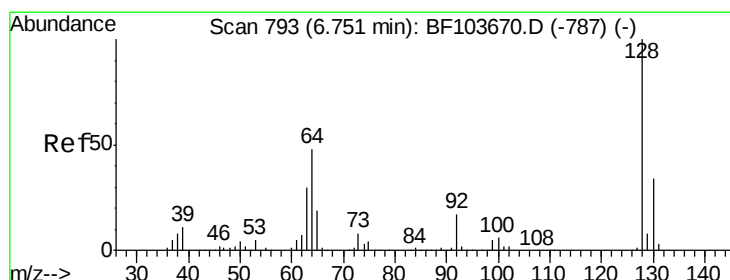
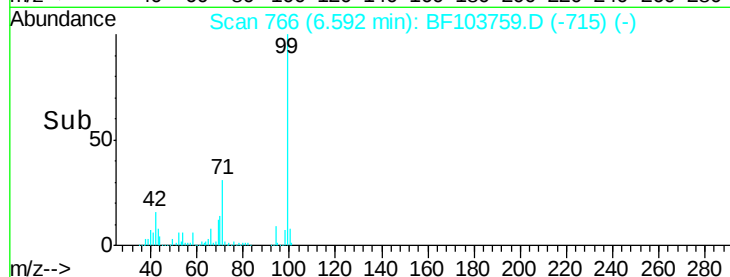
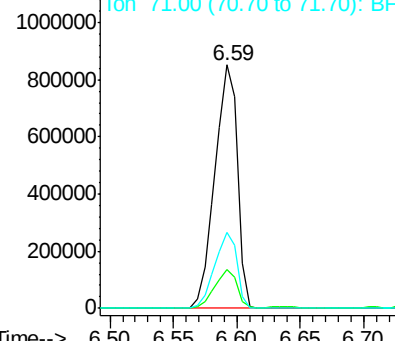
99 100

42 16.0 14.5 21.7

71 31.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.608 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

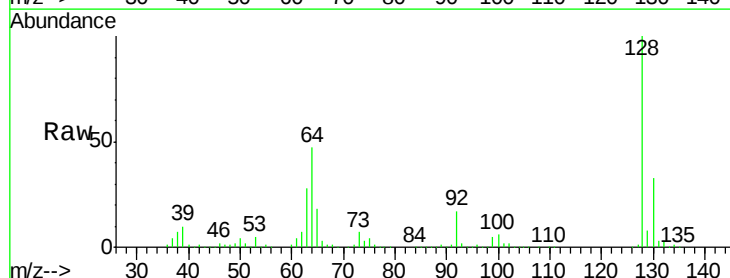
Tgt Ion: 128 Resp: 460186

Ion Ratio Lower Upper

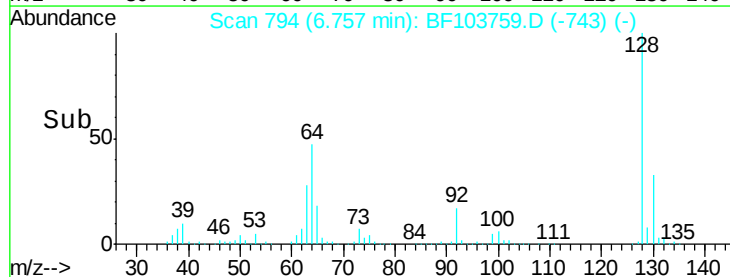
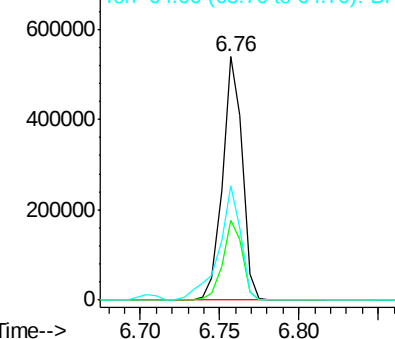
128 100

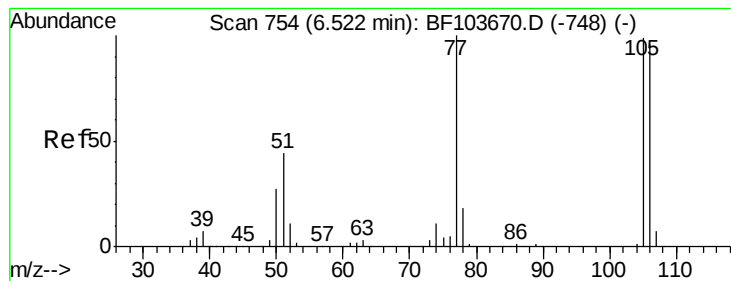
130 33.0 13.0 53.0

64 46.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 36.479 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

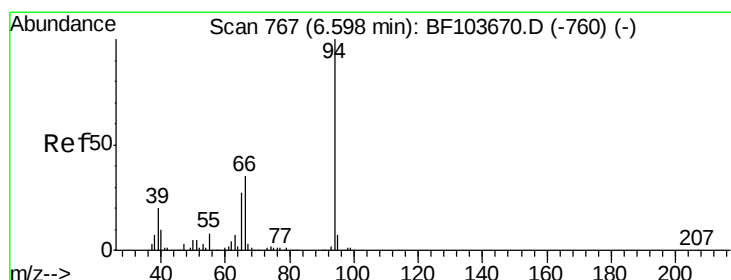
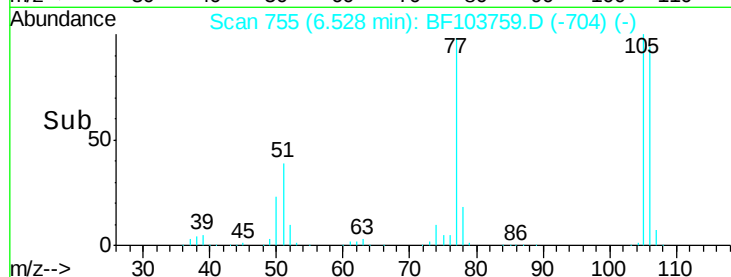
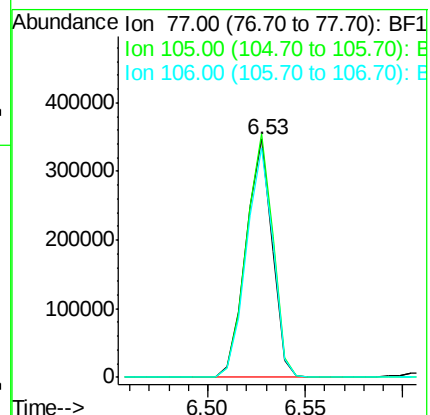
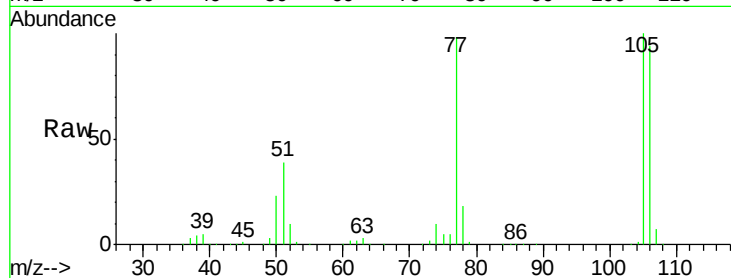
Tot Ion: 77 Resp: 325184

Ion Ratio Lower Upper

77 100

105 102.3 81.1 121.1

106 96.3 74.5 114.5



#10

Phenol

Concen: 38.086 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

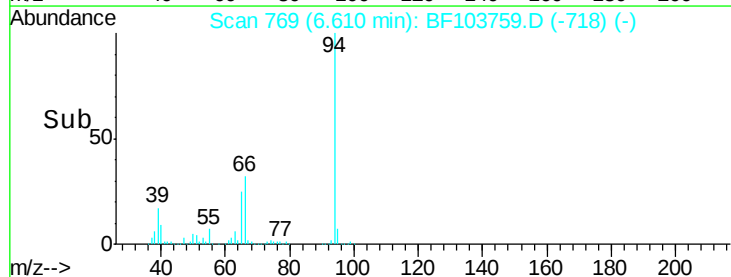
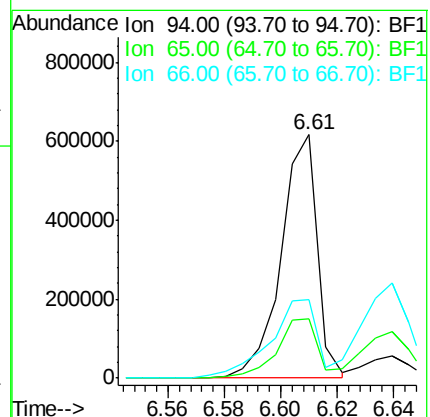
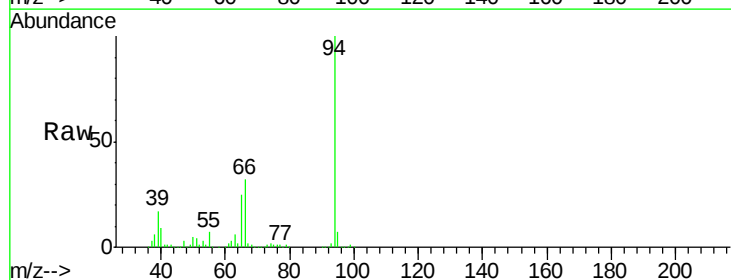
Tgt Ion: 94 Resp: 549146

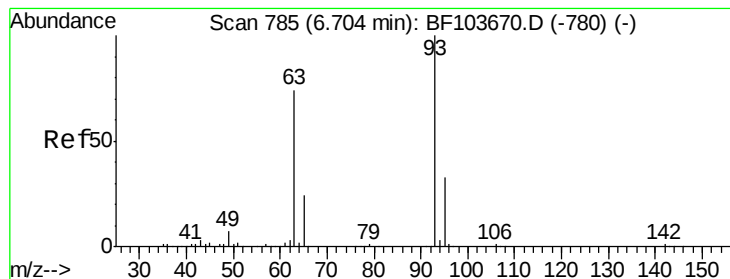
Ion Ratio Lower Upper

94 100

65 24.5 7.9 47.9

66 32.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.394 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

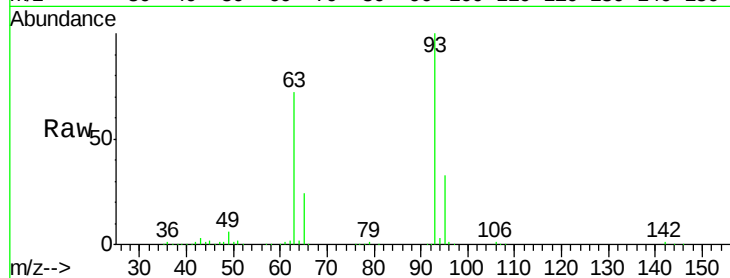
Tot Ion: 93 Resp: 456992

Ion Ratio Lower Upper

93 100

63 71.7 58.6 98.6

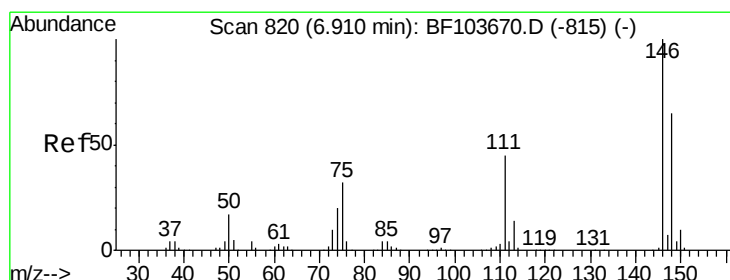
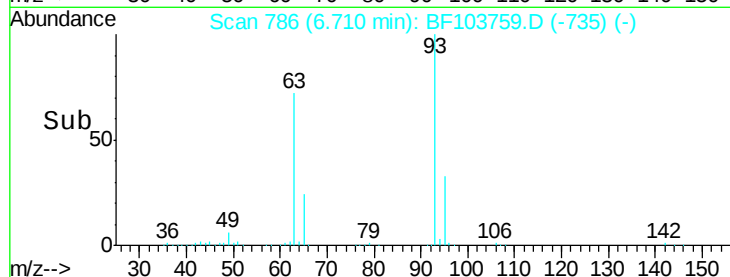
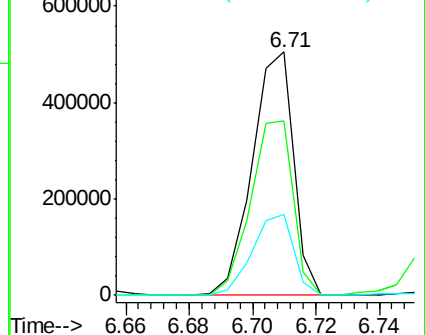
95 33.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.987 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

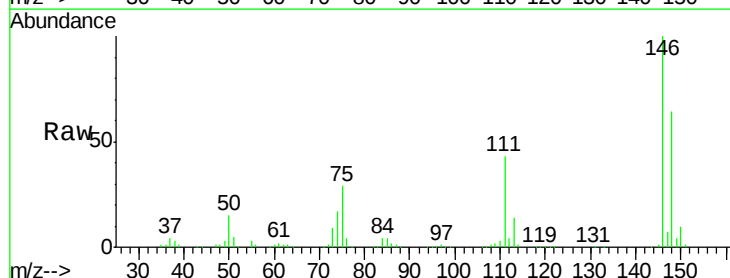
Tgt Ion: 146 Resp: 515910

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

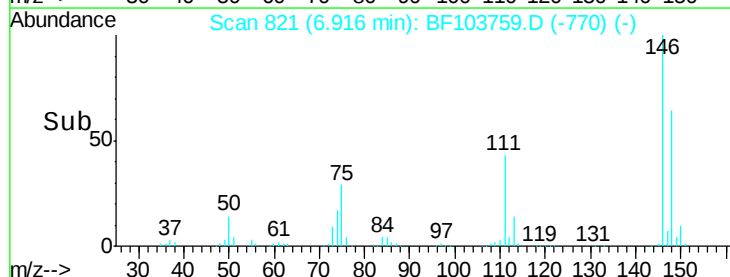
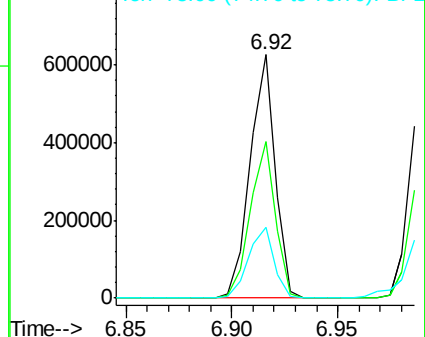
75 29.2 24.2 36.4

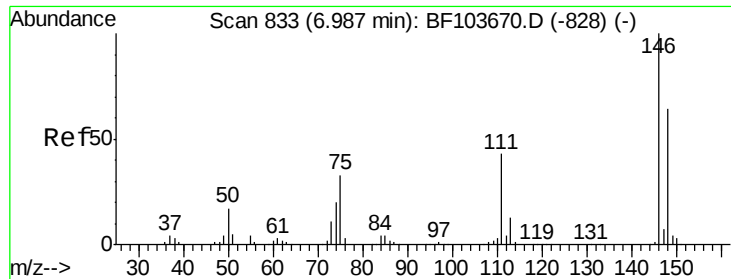


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

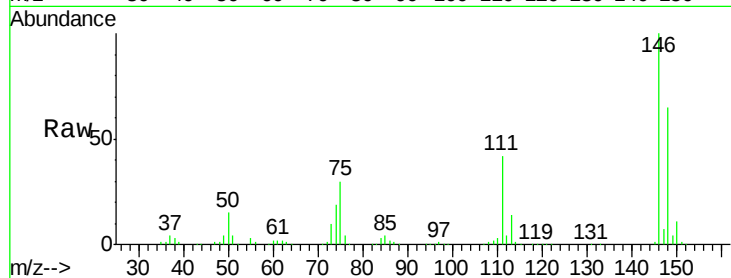




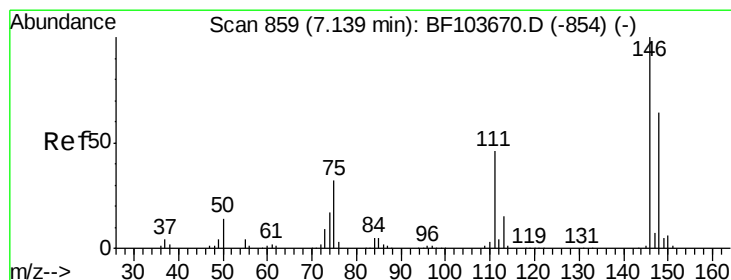
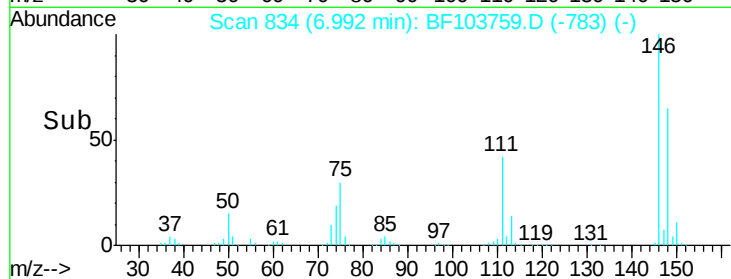
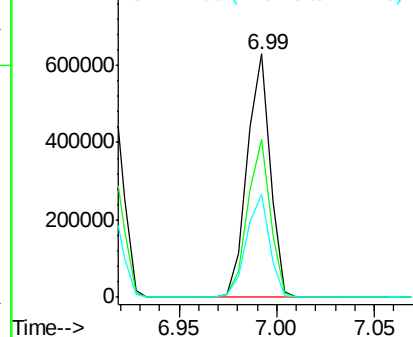
#13
 1,4-Dichlorobenzene
 Concen: 38.609 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 513384
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 42.0 34.2 51.2

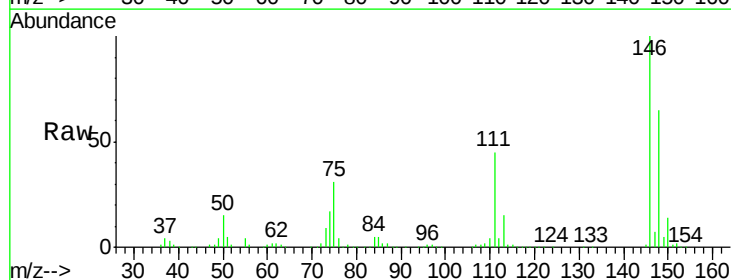


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

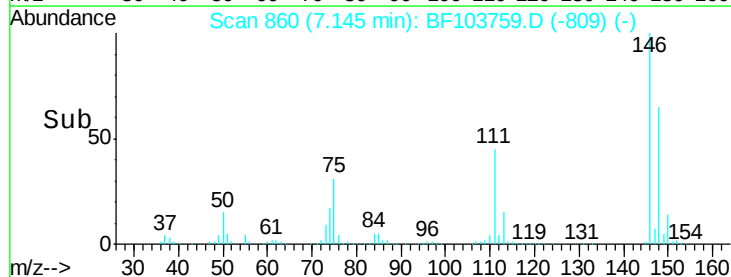
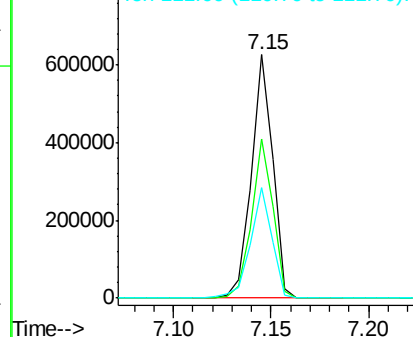


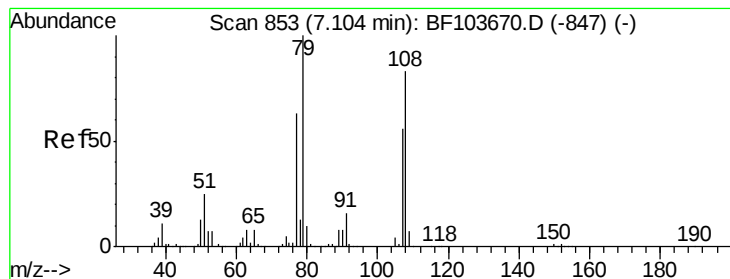
#14
 1,2-Dichlorobenzene
 Concen: 38.327 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion:146 Resp: 472911
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 75.8
 111 45.2 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 38.695 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampled :

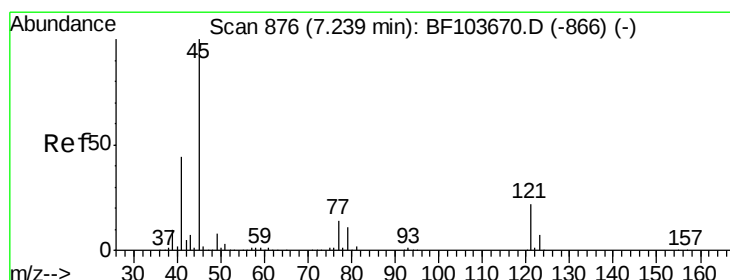
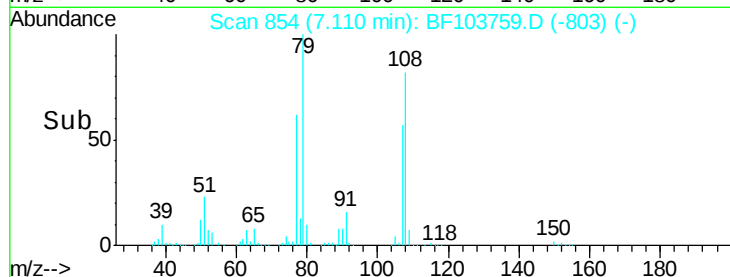
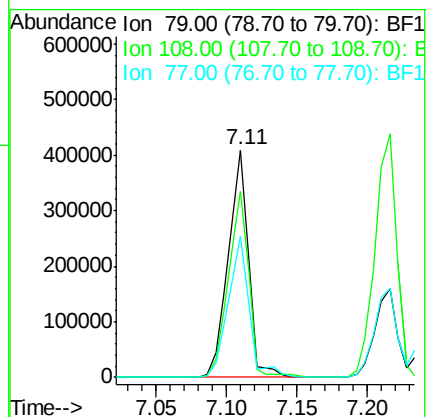
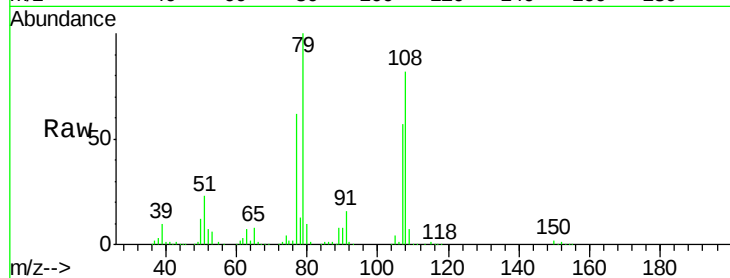
Tot Ion: 79 Resp: 406818

Ion Ratio Lower Upper

79 100

108 81.7 65.1 97.7

77 62.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.811 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

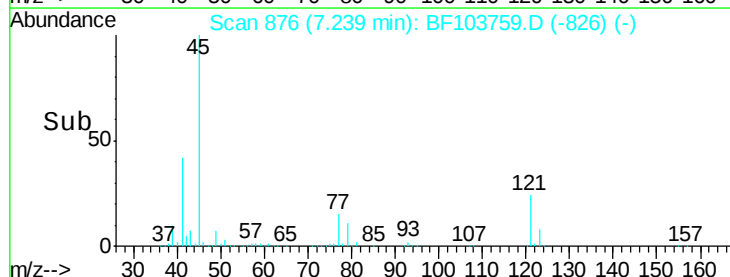
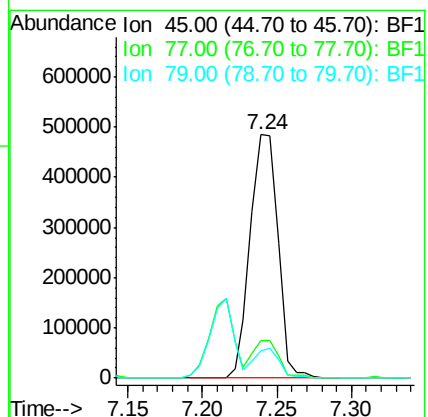
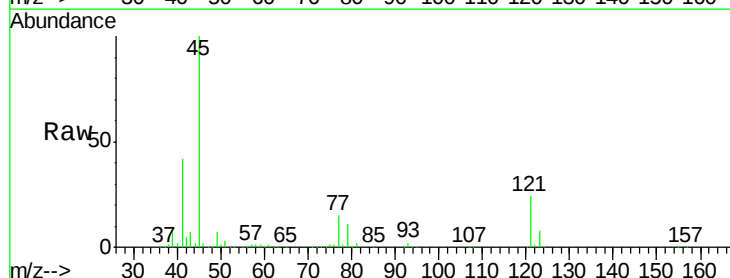
Tgt Ion: 45 Resp: 623193

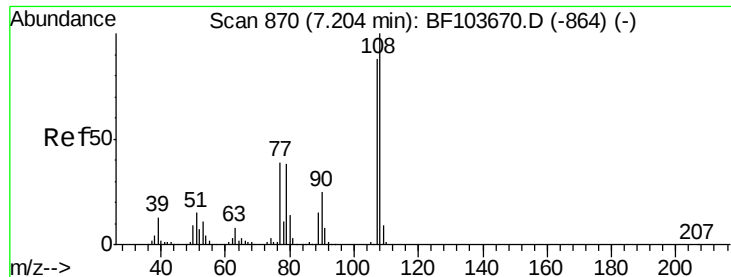
Ion Ratio Lower Upper

45 100

77 15.3 0.0 32.9

79 11.3 0.0 29.6





#17

2-Methylphenol

Concen: 39.426 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 407920

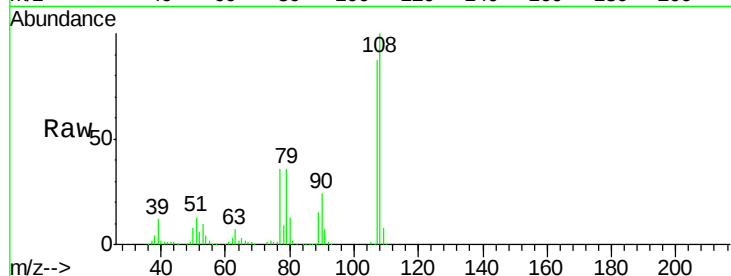
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

77 41.5 33.8 50.8

79 41.6 33.8 50.8

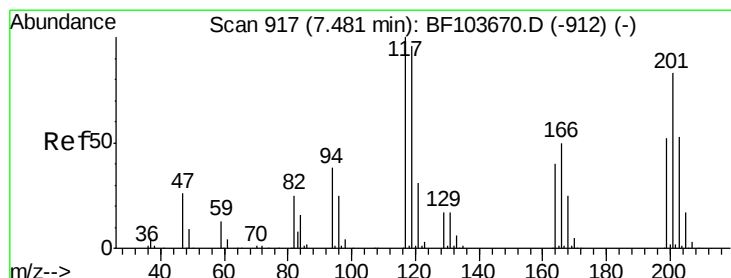
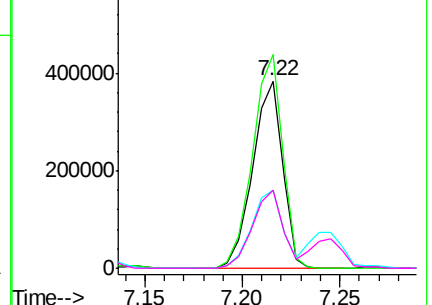
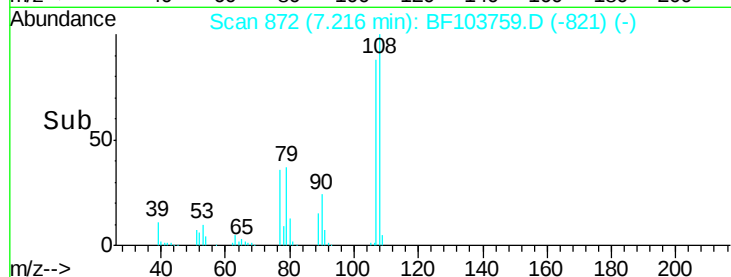


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.388 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

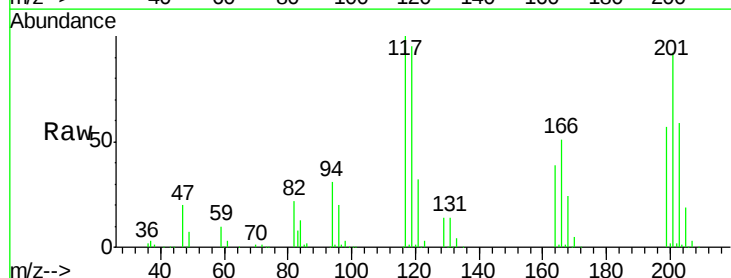
Tgt Ion:117 Resp: 188906

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

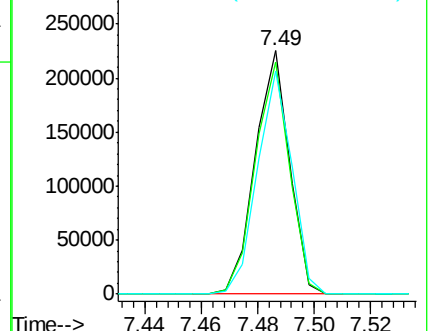
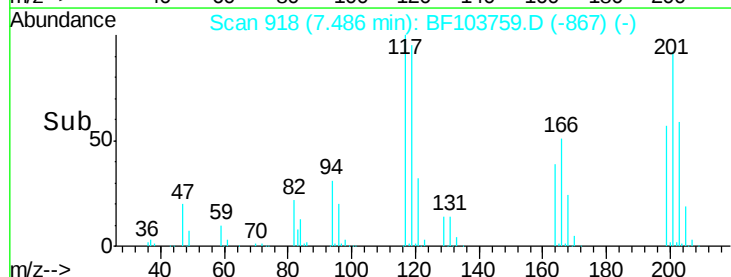
201 91.5 75.7 113.5

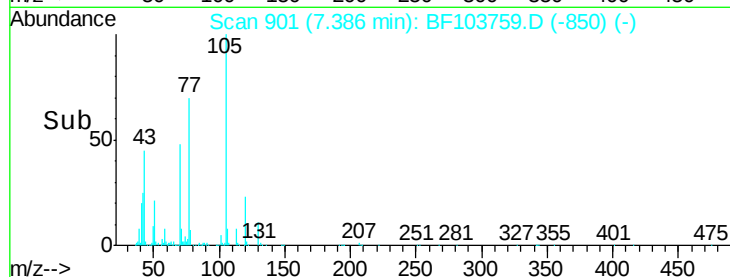
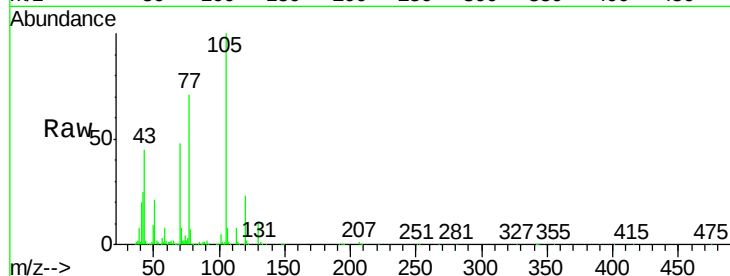
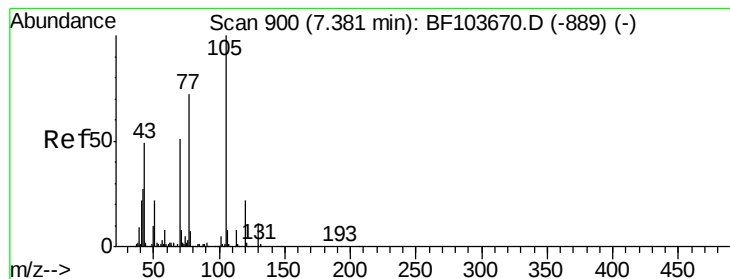


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.490 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 317314

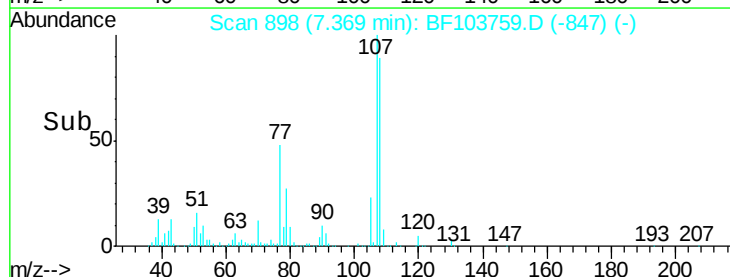
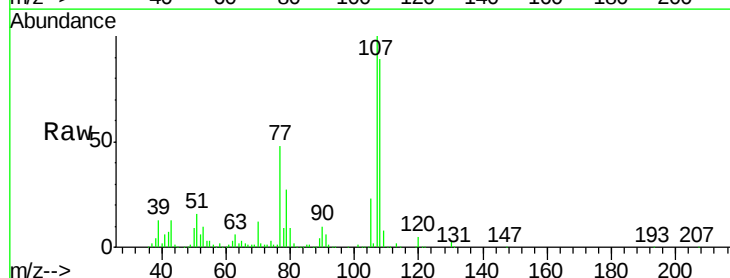
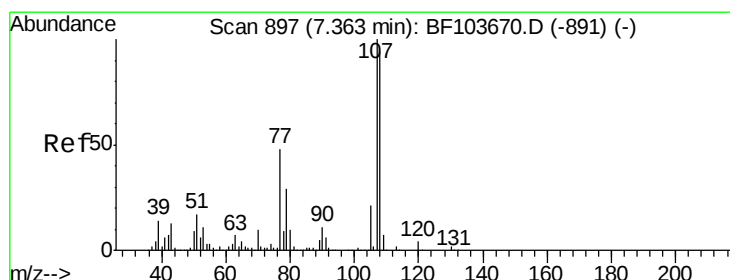
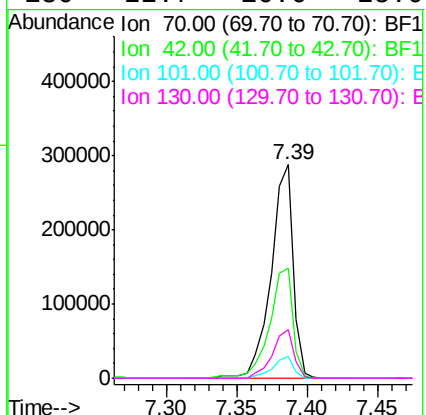
Ion Ratio Lower Upper

70 100

42 51.8 47.5 71.3

101 10.0 7.4 11.2

130 22.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.859 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Tgt Ion:107 Resp: 510231

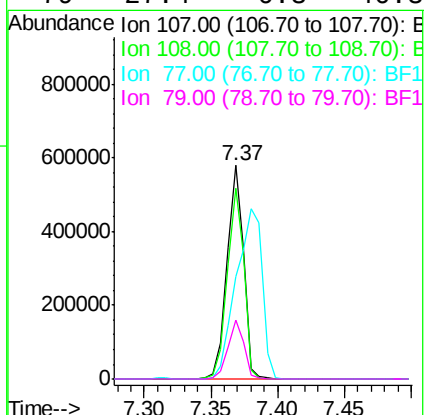
Ion Ratio Lower Upper

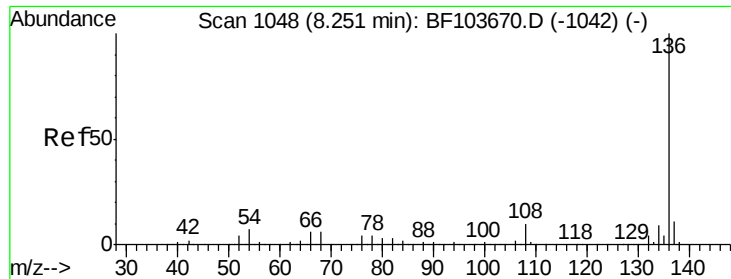
107 100

108 89.3 68.2 108.2

77 48.2 26.7 66.7

79 27.4 6.3 46.3

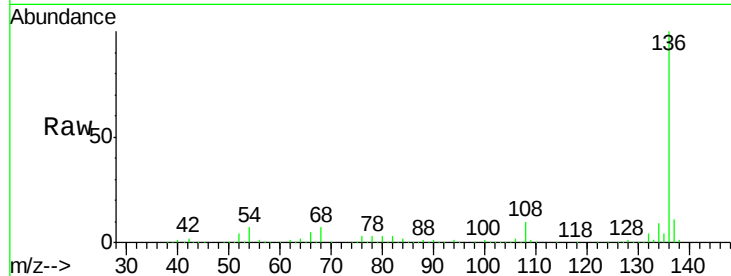




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	691092
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.1	6.6 9.8
68	6.5	5.0 7.4



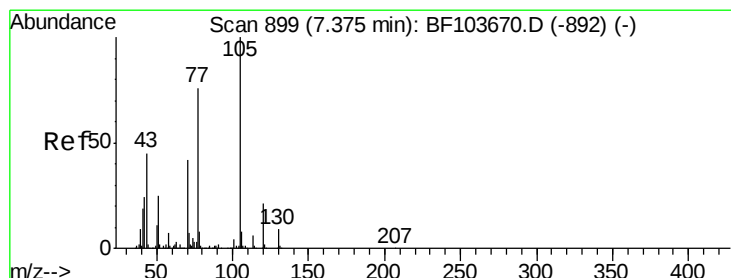
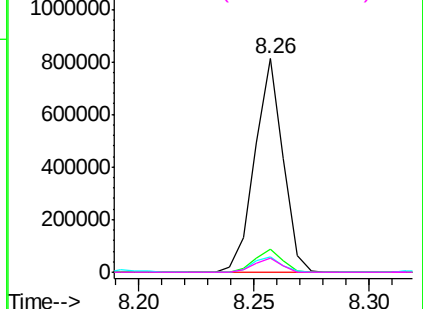
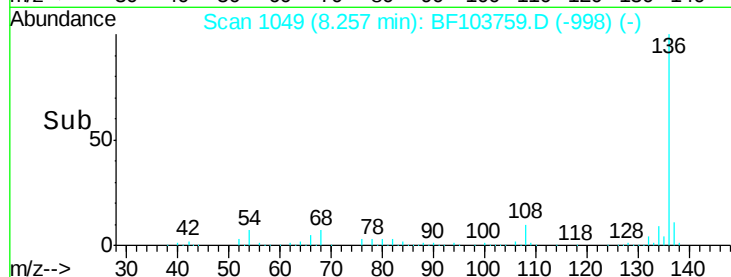
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

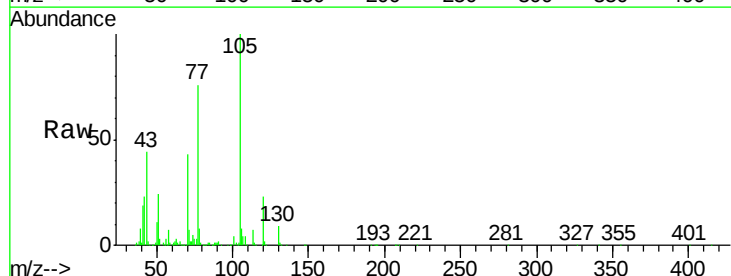
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 36.617 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion:105	Resp:	650373
Ion Ratio	Lower	Upper
105	100	
71	7.2	4.4 6.6#
51	23.7	22.3 33.5
120	22.6	16.9 25.3



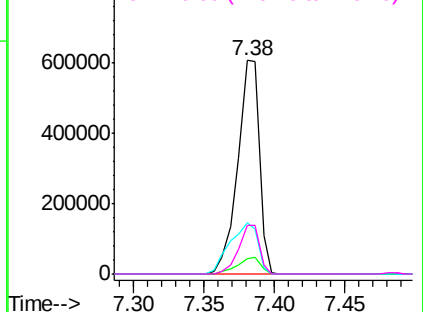
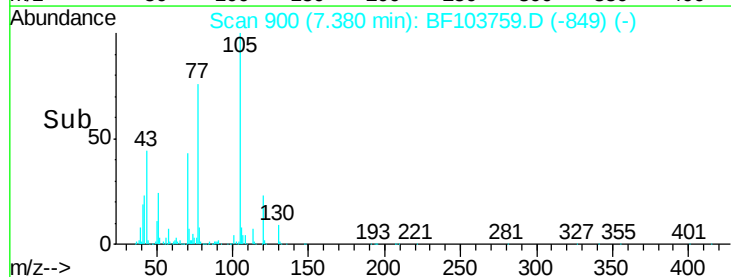
Abundance

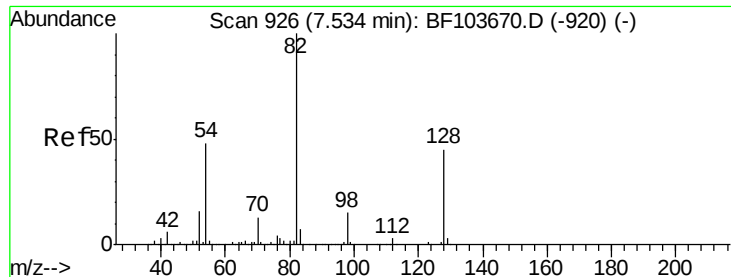
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

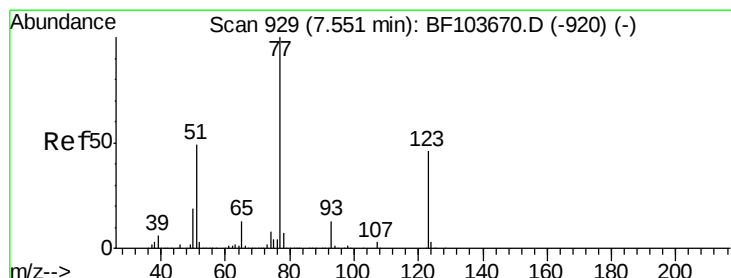
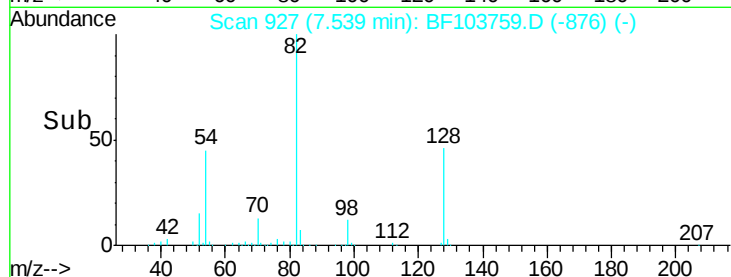
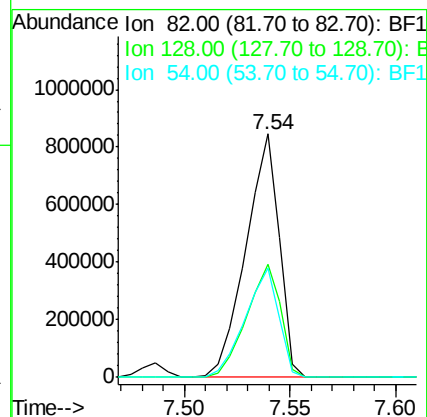
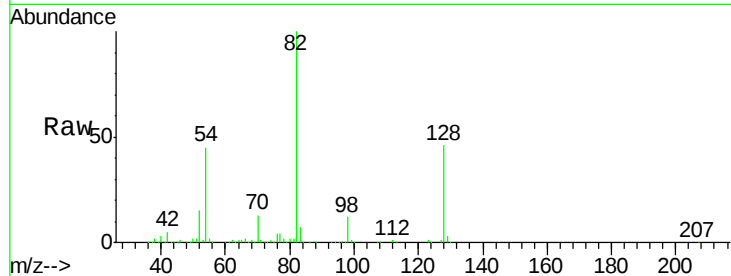




#23
 Nitrobenzene-d5
 Concen: 93.411 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

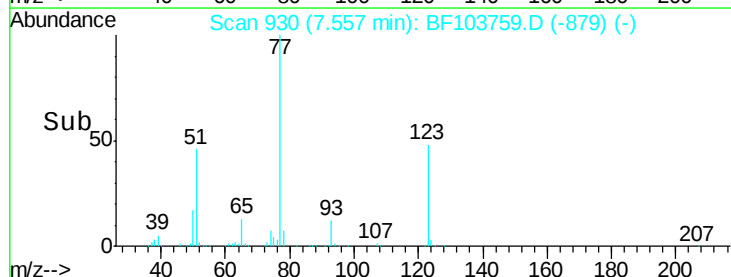
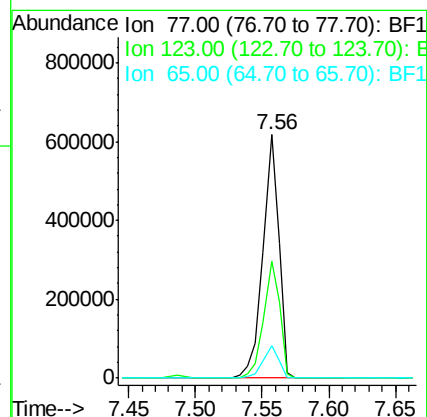
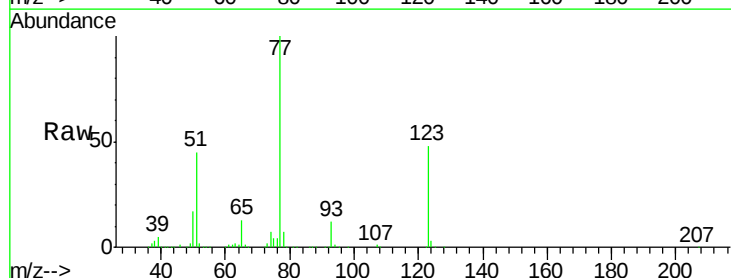
Instrument :
 BNA_F
 ClientSampleId :

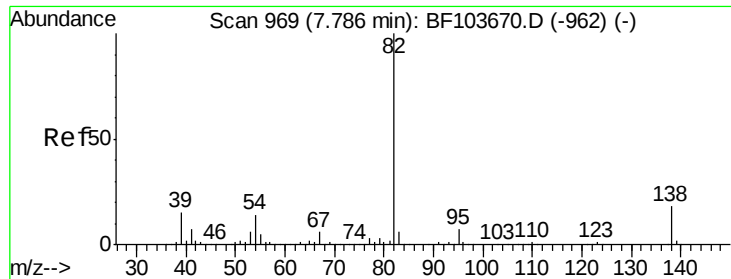
Tot Ion: 82 Resp: 925719
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 44.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 43.194 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion: 77 Resp: 502549
 Ion Ratio Lower Upper
 77 100
 123 47.8 37.9 56.9
 65 13.2 11.0 16.4





#25

Isophorone

Concen: 38.008 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampled :

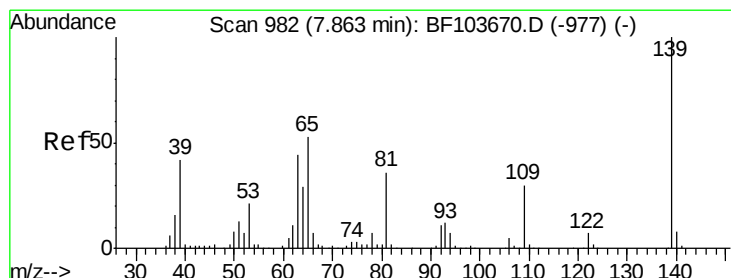
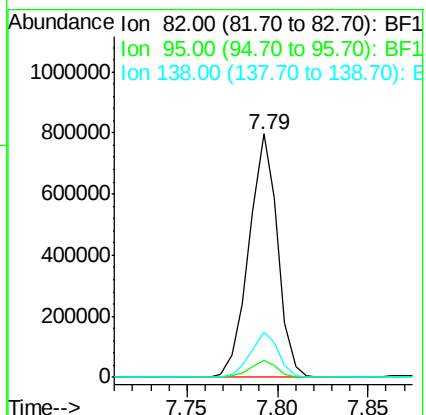
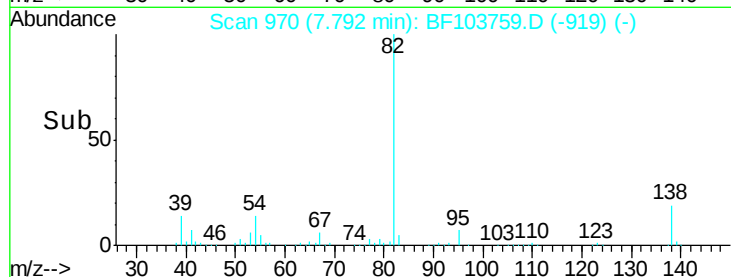
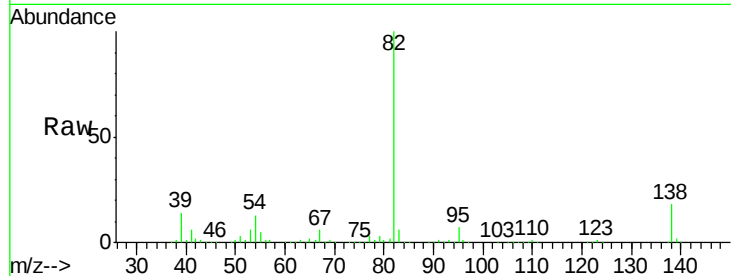
Tot Ion: 82 Resp: 871948

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 55.369 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

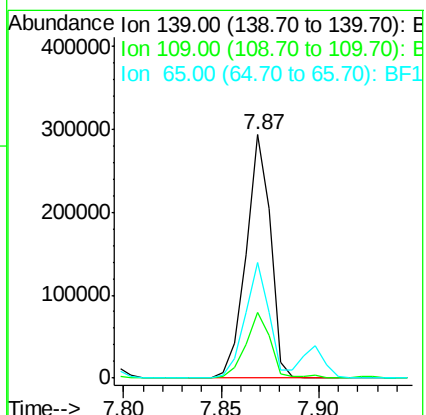
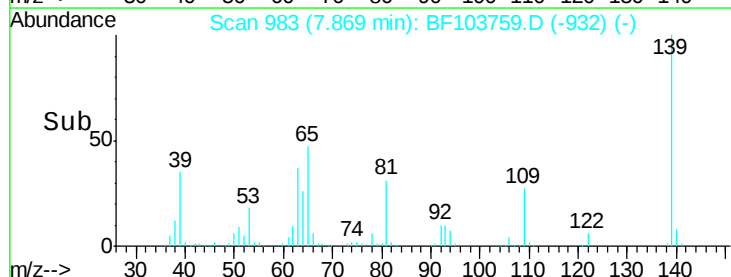
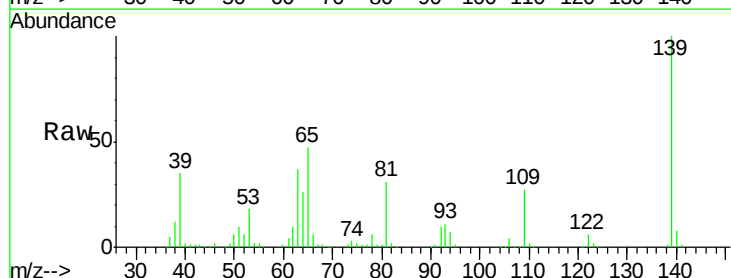
Tgt Ion: 139 Resp: 253087

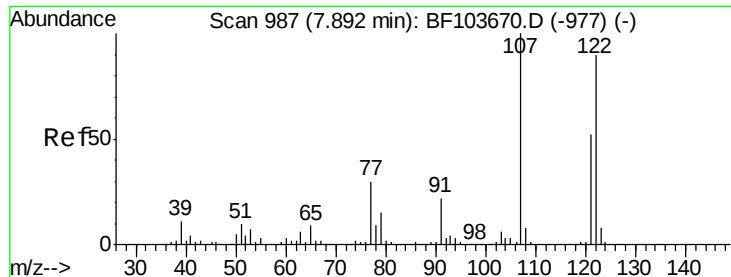
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 47.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.195 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

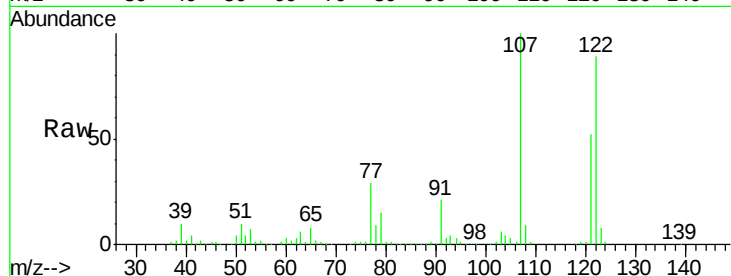
Tot Ion:122 Resp: 395042

Ion Ratio Lower Upper

122 100

107 112.1 91.2 136.8

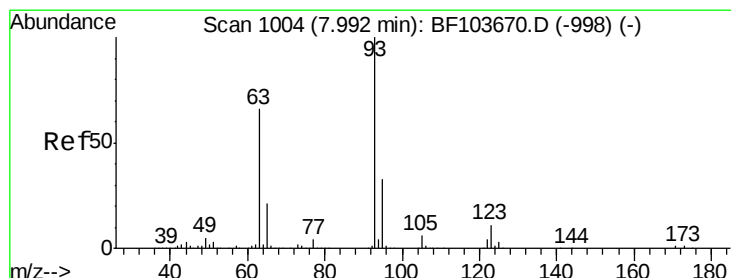
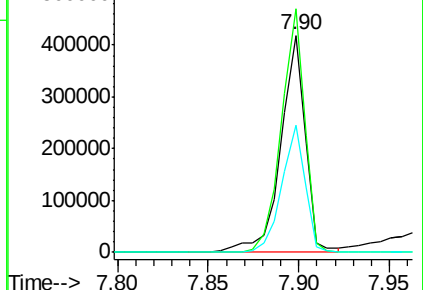
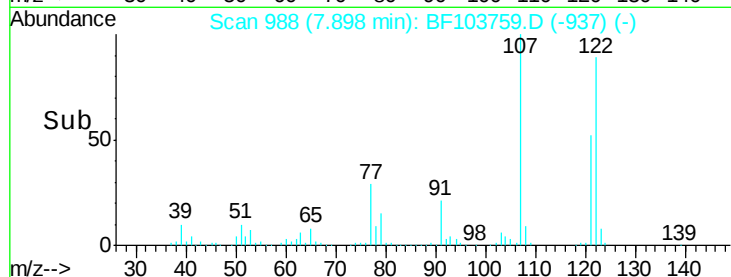
121 58.6 47.2 70.8



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: 39.040 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

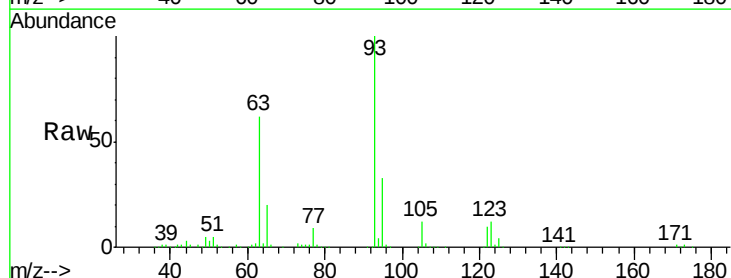
Tgt Ion: 93 Resp: 542333

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

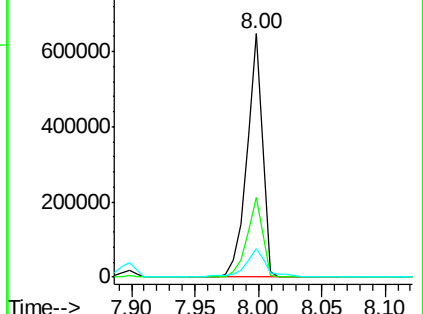
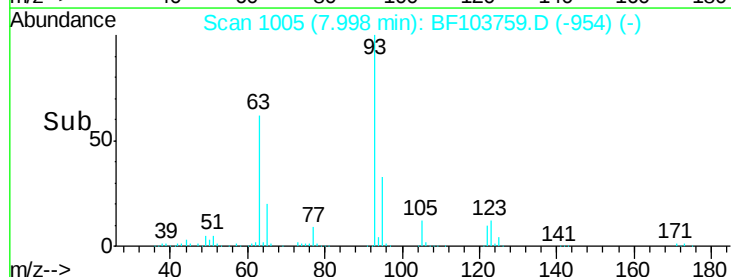
123 11.6 9.8 14.6

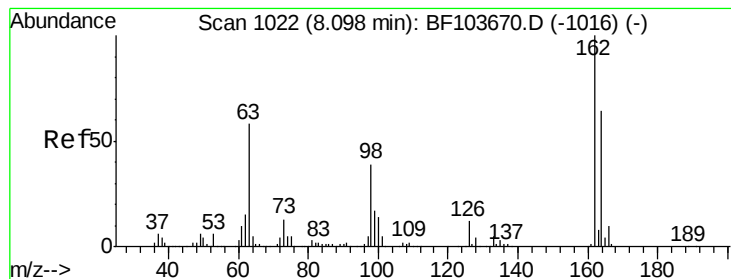


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.871 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampled :

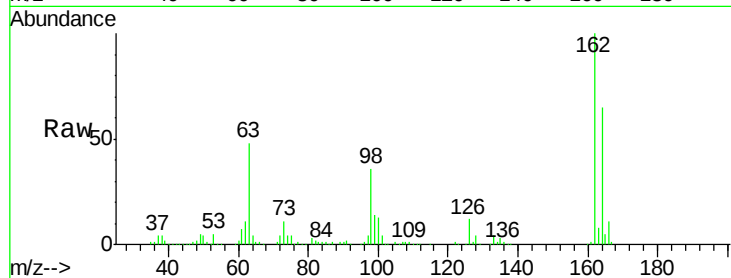
Tot Ion:162 Resp: 374384

Ion Ratio Lower Upper

162 100

164 64.8 42.7 82.7

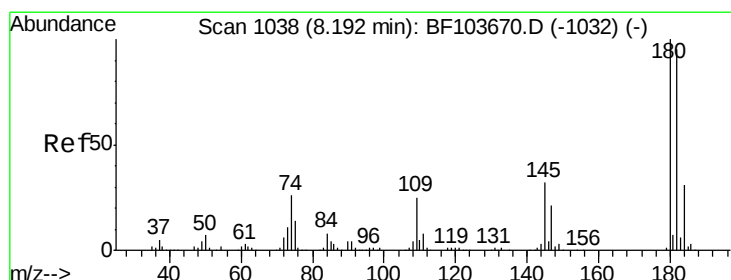
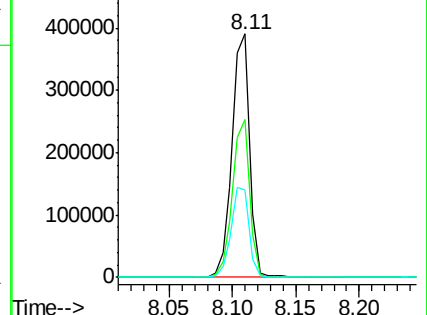
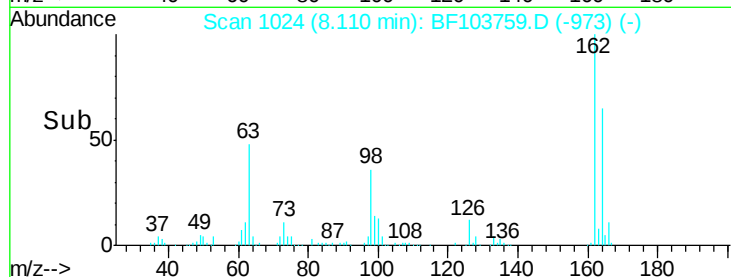
98 36.1 18.1 58.1



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: 39.530 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

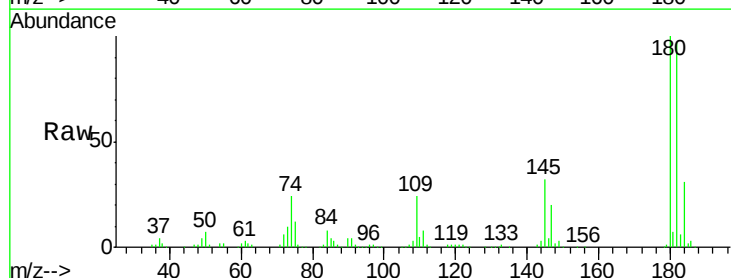
Tgt Ion:180 Resp: 409954

Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

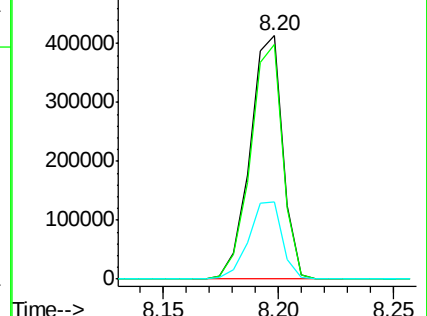
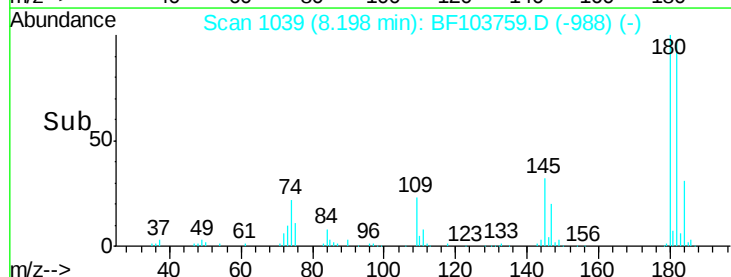
145 31.6 26.5 39.7

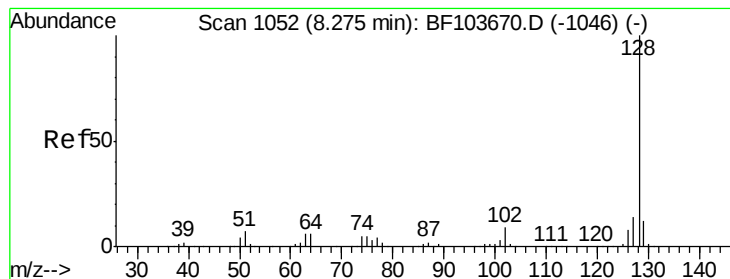


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.258 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

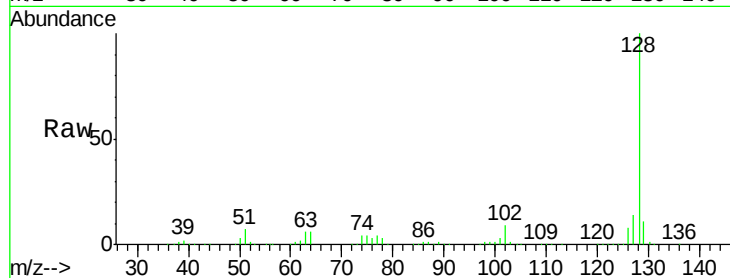
Tot Ion:128 Resp: 1335607

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

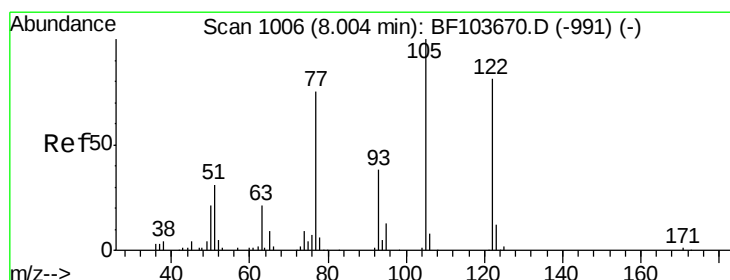
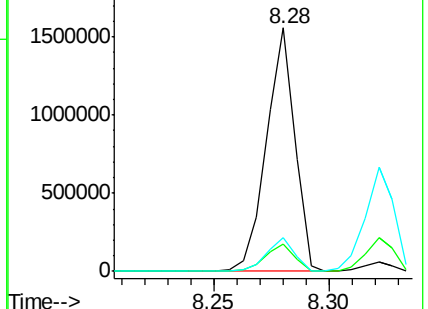
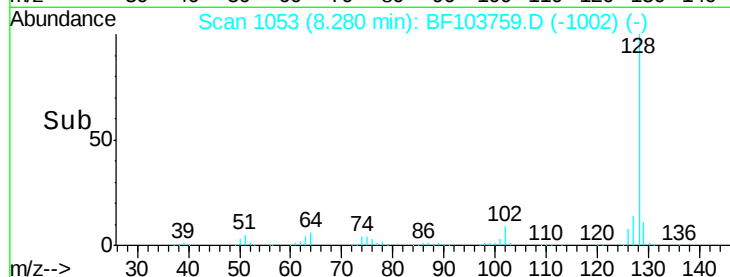
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.540 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

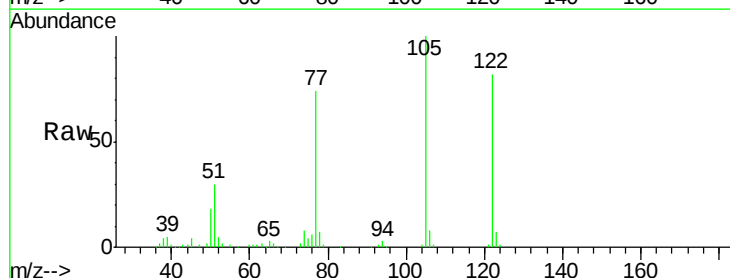
Tgt Ion:122 Resp: 363798

Ion Ratio Lower Upper

122 100

105 121.8 101.1 141.1

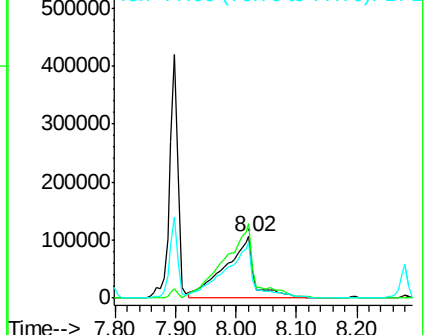
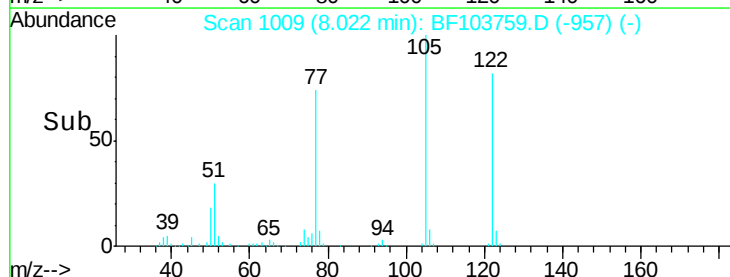
77 89.5 70.7 110.7

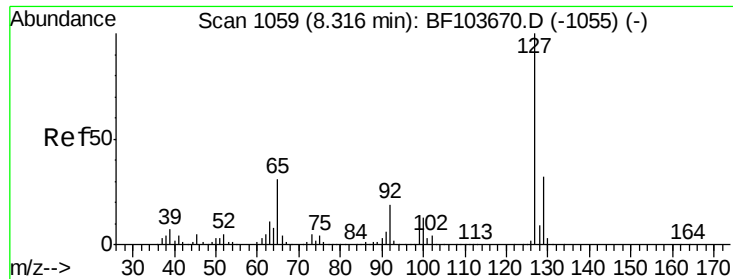


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

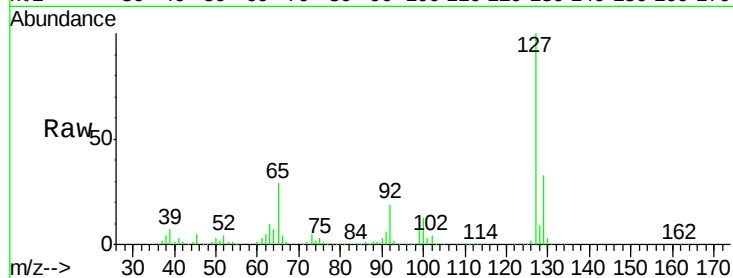




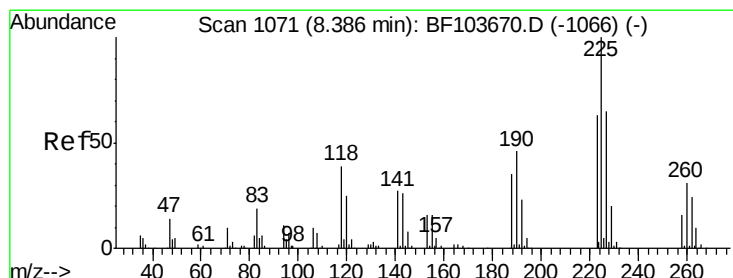
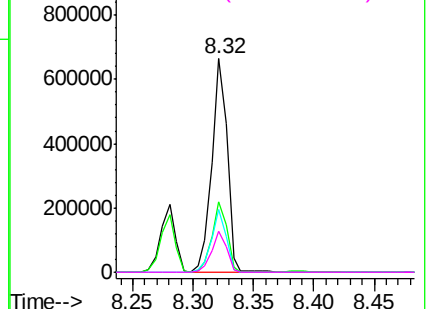
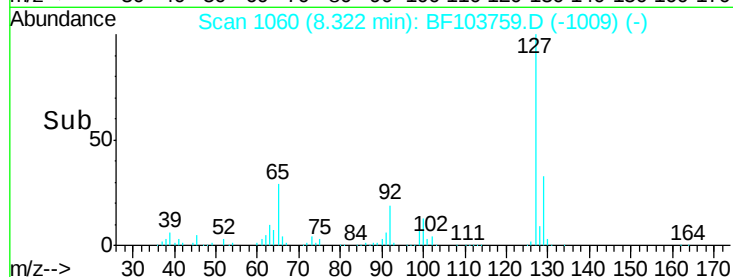
#33
4-Chloroaniline
Concen: 39.883 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	584126
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	29.1	25.0	37.4
92	19.1	15.2	22.8

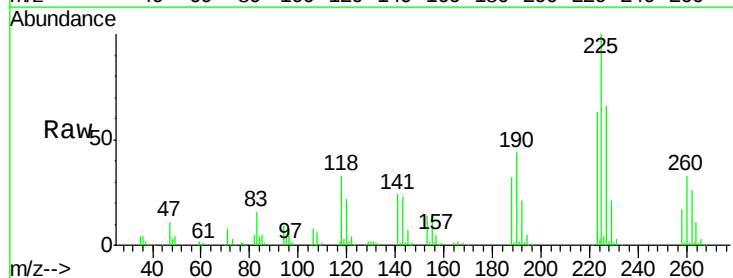


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

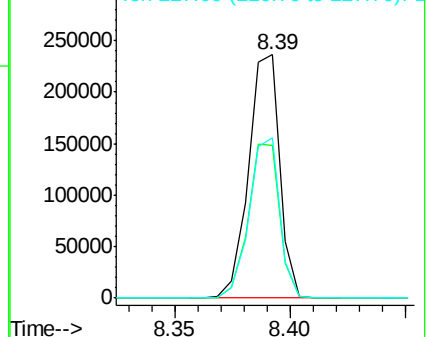
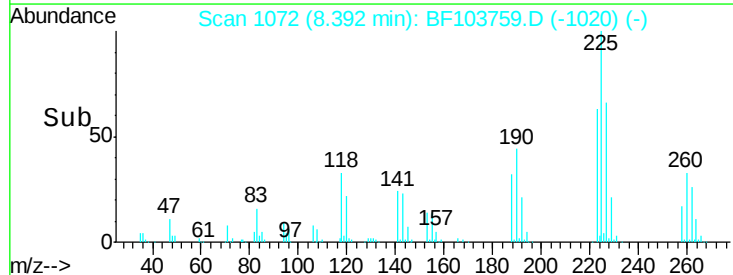


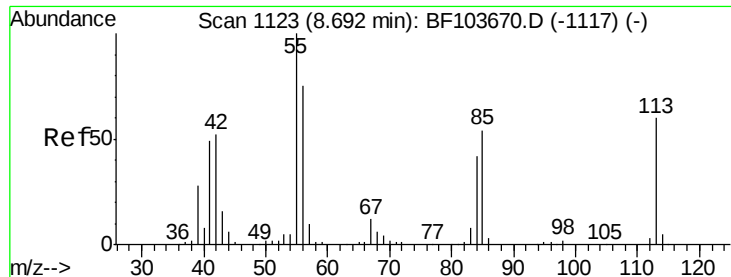
#34
Hexachlorobutadiene
Concen: 39.318 ng
RT: 8.39 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion:	225	Resp:	223559
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	65.8	51.9	77.9



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





#35

Caprolactam

Concen: 43.493 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

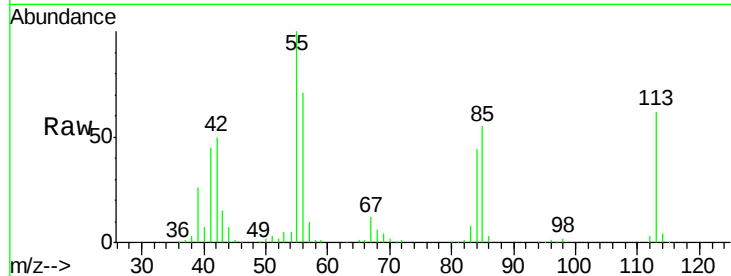
Tot Ion:113 Resp: 133912

Ion Ratio Lower Upper

113 100

55 161.3 163.3 203.3#

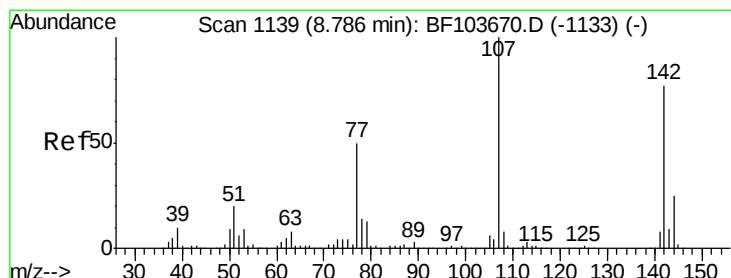
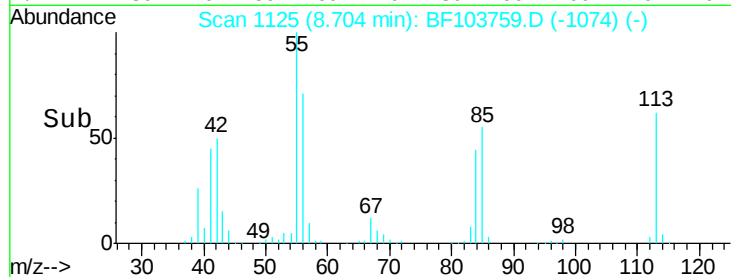
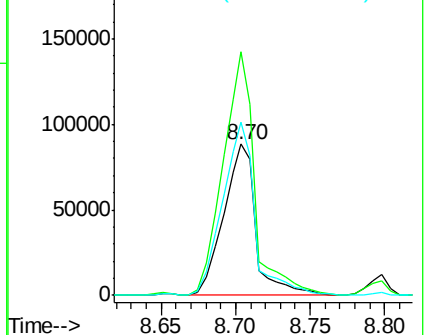
56 114.8 115.7 155.7#



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: 40.695 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

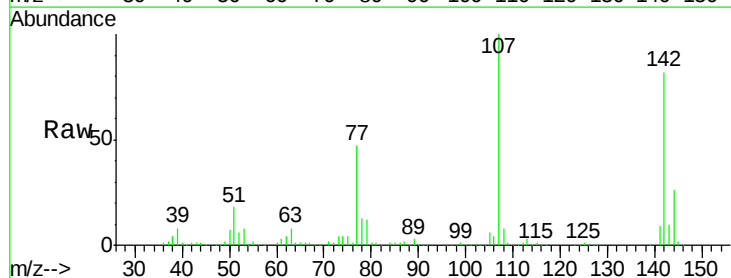
Tgt Ion:107 Resp: 401143

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

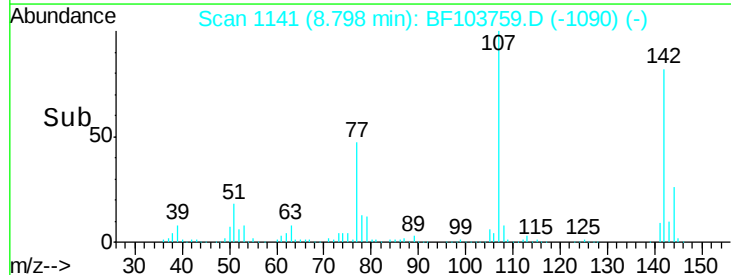
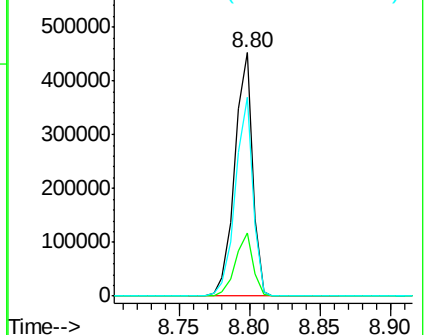
142 81.9 62.0 93.0

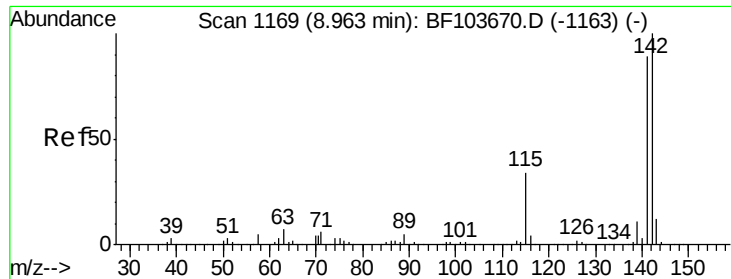


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

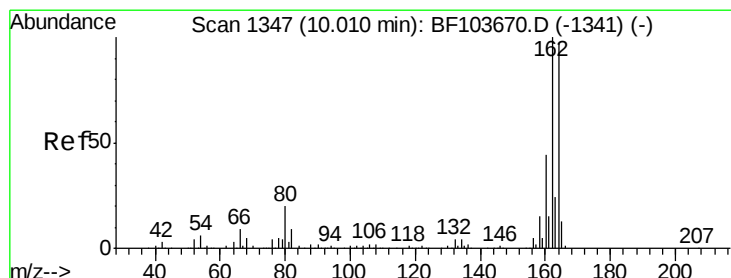
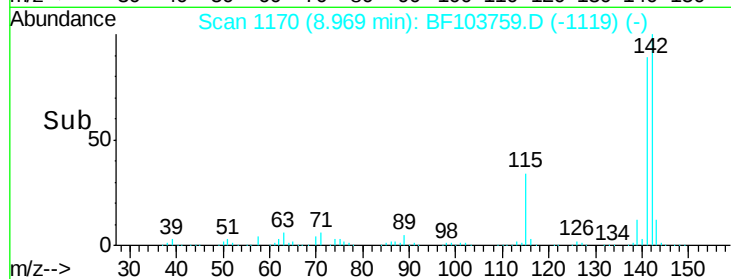
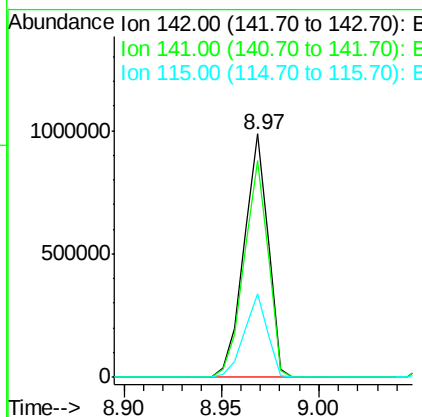
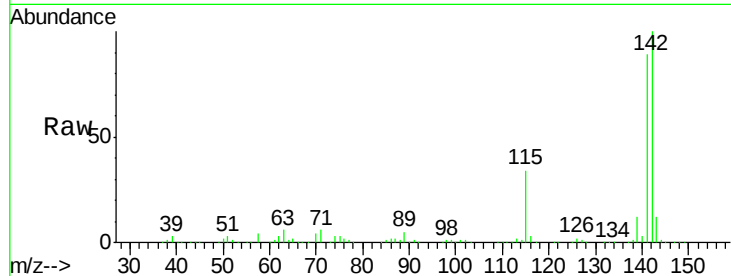




#37
 2-Methylnaphthalene
 Concen: 38.279 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

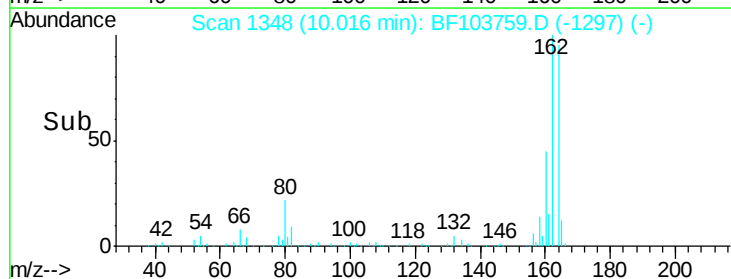
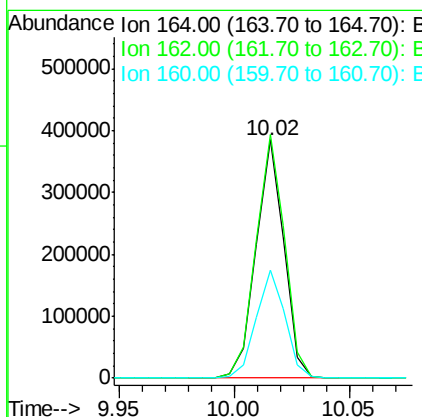
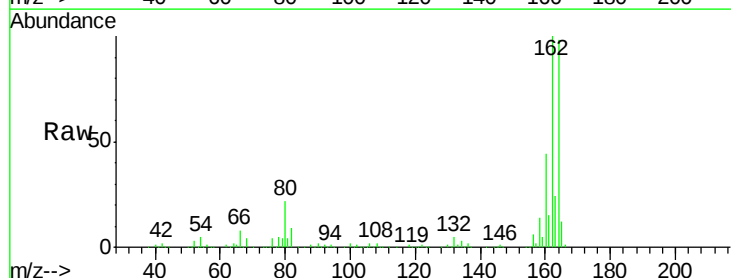
Instrument :
 BNA_F
 ClientSampleId :

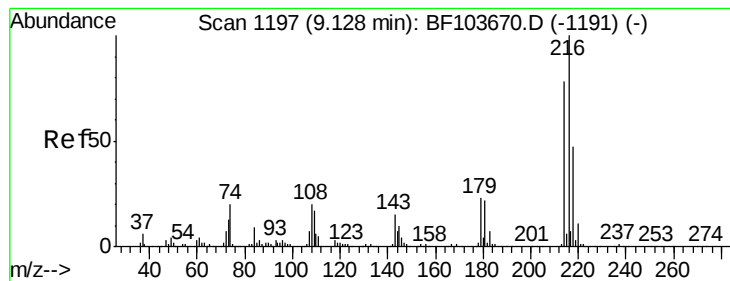
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	34.4	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	86.1	129.1
160	45.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.743 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 368399

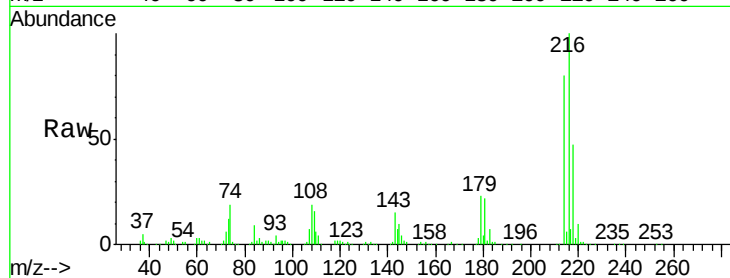
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.4

179 22.5 18.1 27.1

108 20.8 17.2 25.8

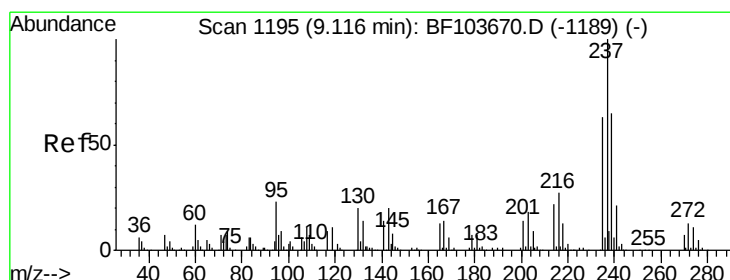
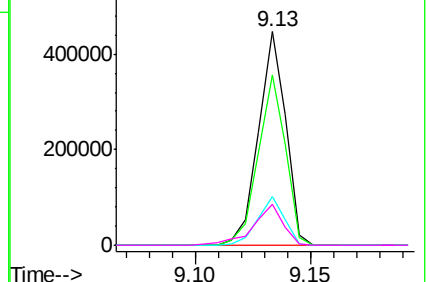
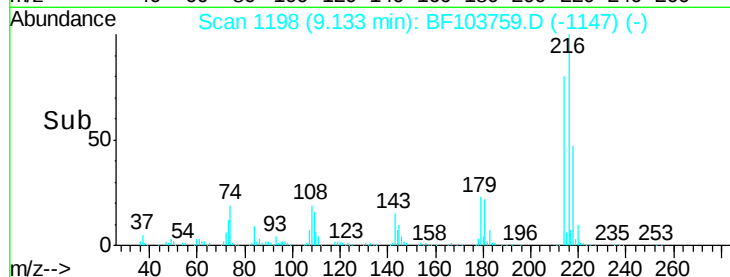


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 46.896 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

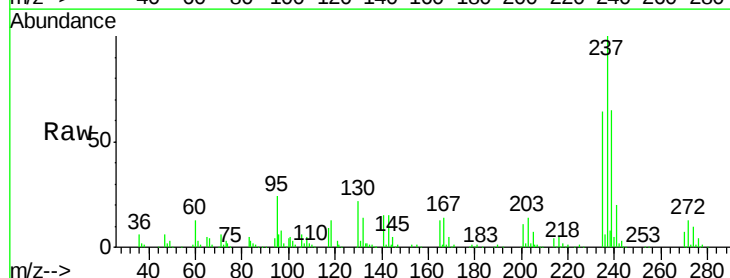
Tgt Ion:237 Resp: 224308

Ion Ratio Lower Upper

237 100

235 64.1 44.8 84.8

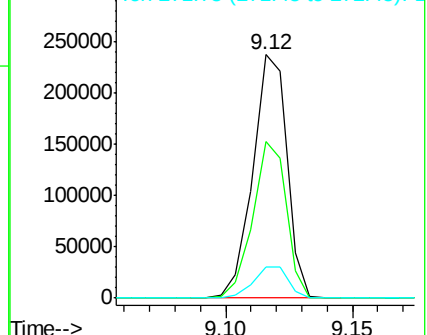
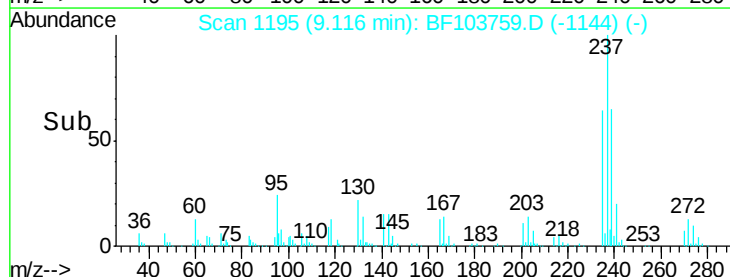
272 12.9 0.0 33.3

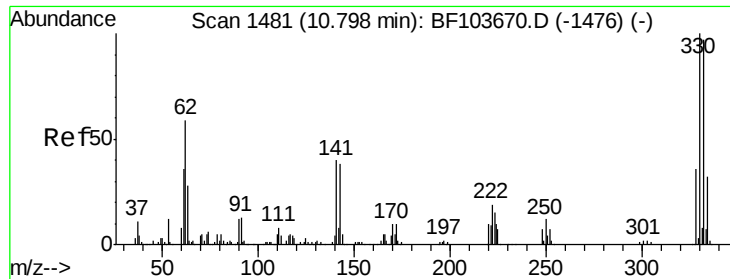


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

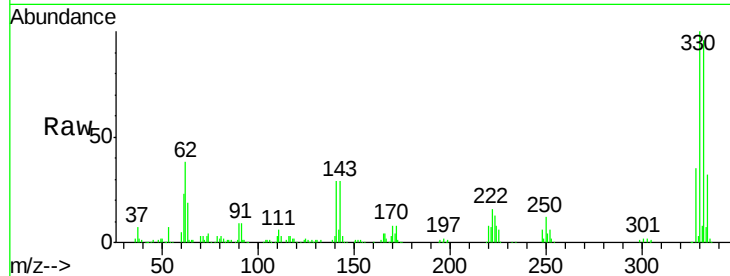




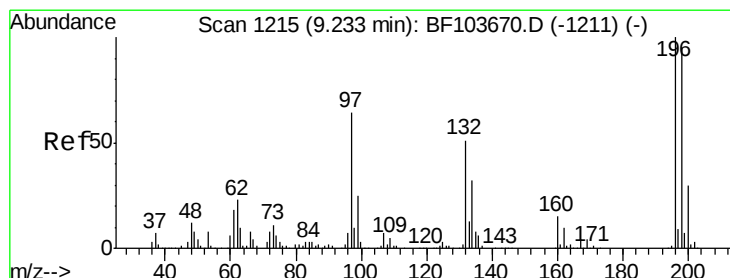
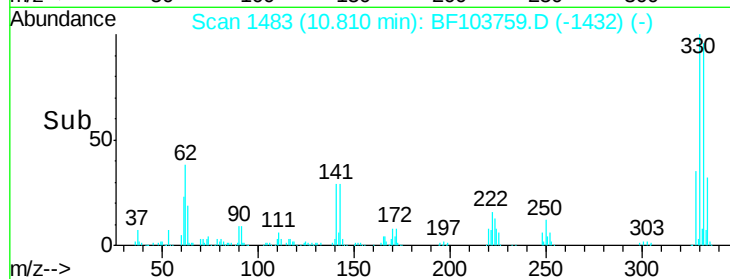
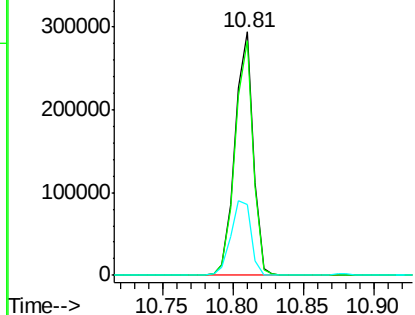
#41
 2,4,6-Tribromophenol
 Concen: 94.073 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	34.0	29.9	44.9

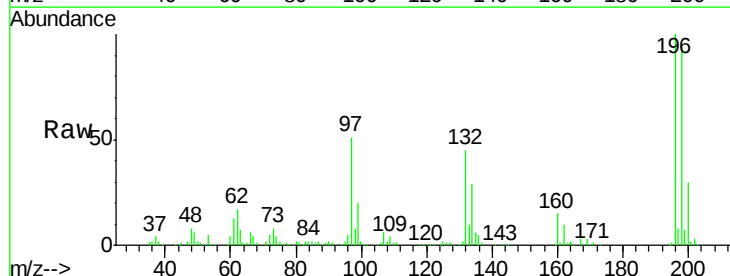


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

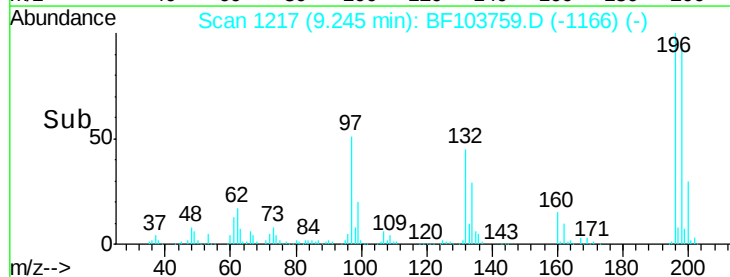
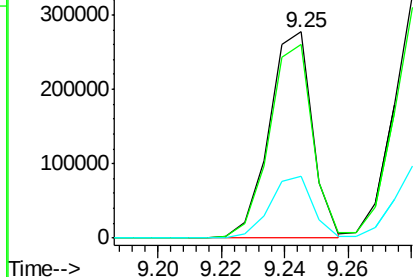


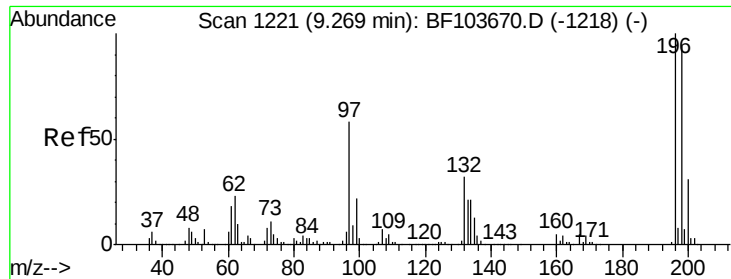
#42
 2,4,6-Trichlorophenol
 Concen: 44.342 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	30.0	24.5	36.7



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

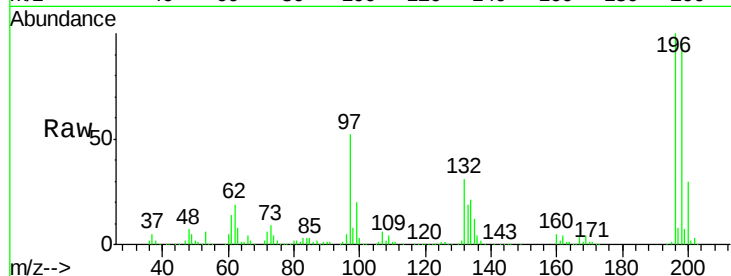




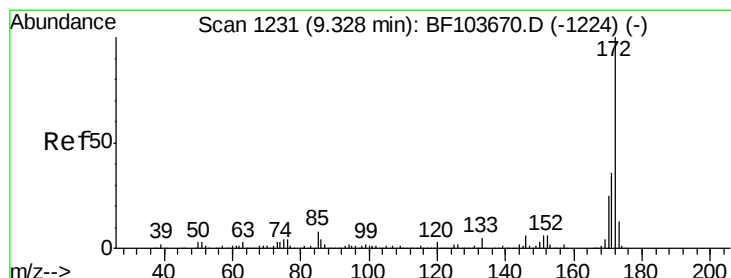
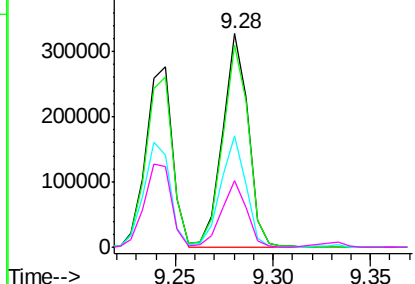
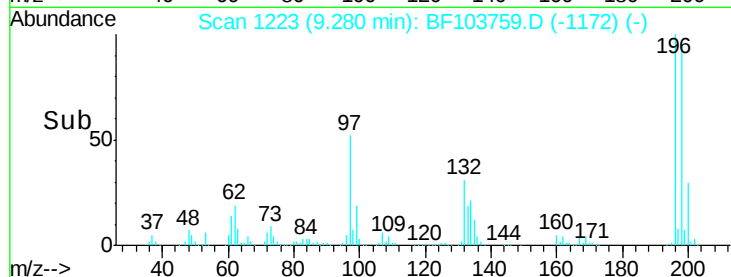
#43
 2,4,5-Trichlorophenol
 Concen: 44.343 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 296742
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.6 112.0
 97 52.5 42.9 64.3
 132 31.1 26.3 39.5

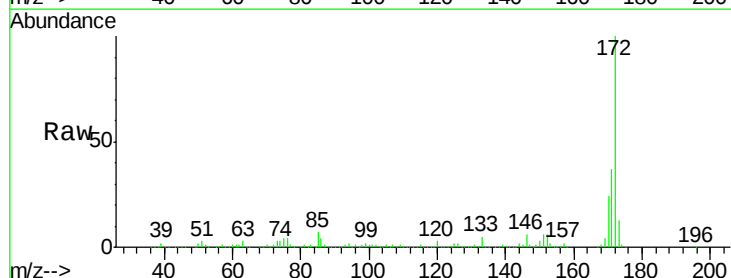


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

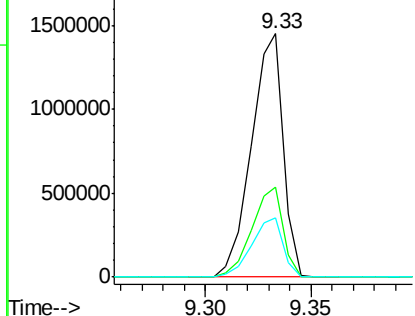
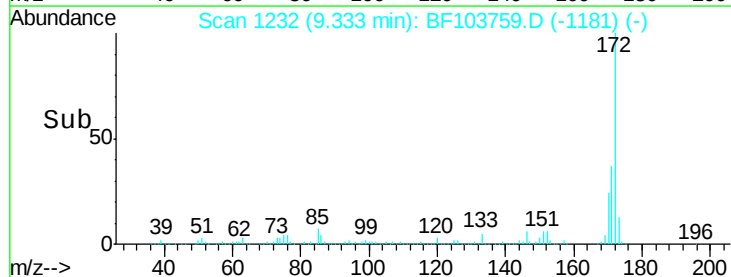


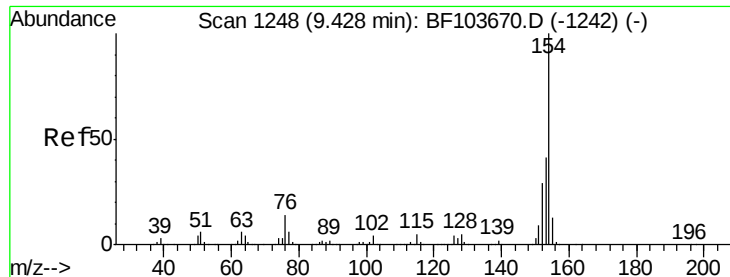
#44
 2-Fluorobiphenyl
 Concen: 74.127 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion:172 Resp: 1509906
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.1 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 37.871 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

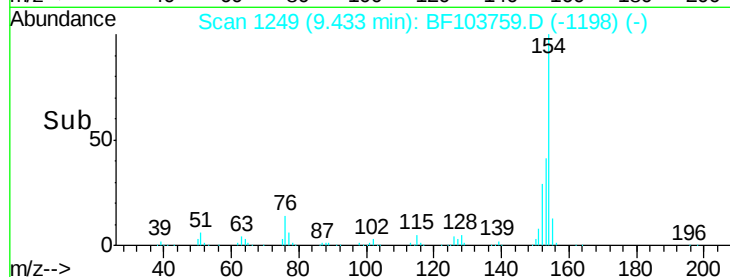
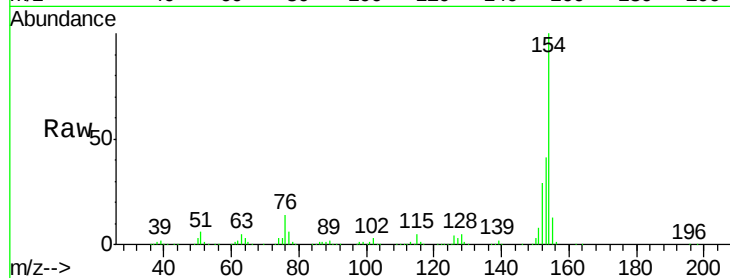
Instrument :

BNA_F

ClientSampleId :

Tot Ion:154 Resp: 1026045

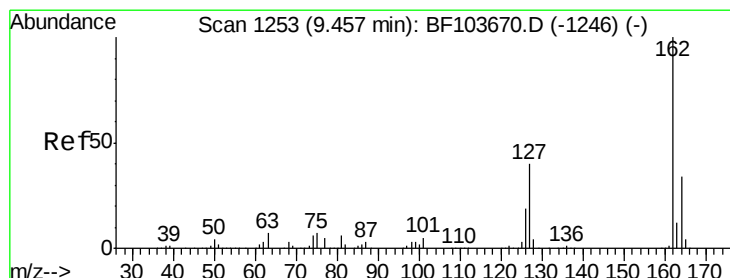
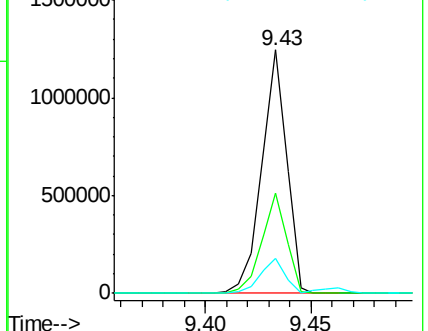
Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	14.3	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 39.081 ng

RT: 9.46 min Scan# 1254

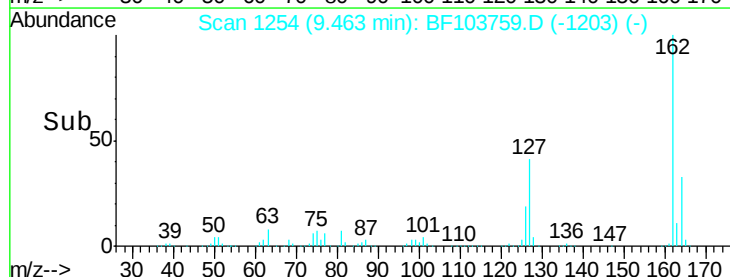
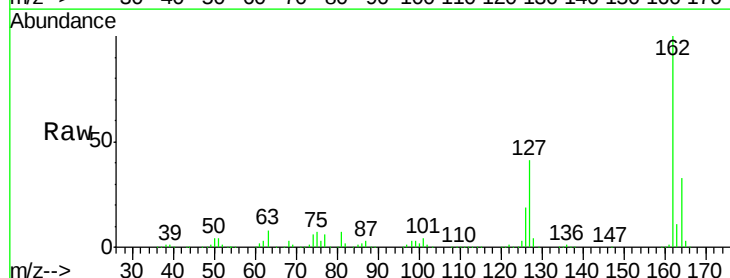
Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Tgt Ion:162 Resp: 840988

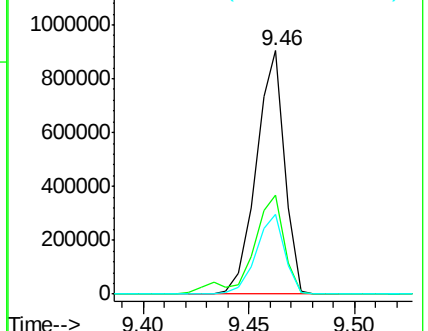
Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.9	50.9
164	32.9	26.5	39.7

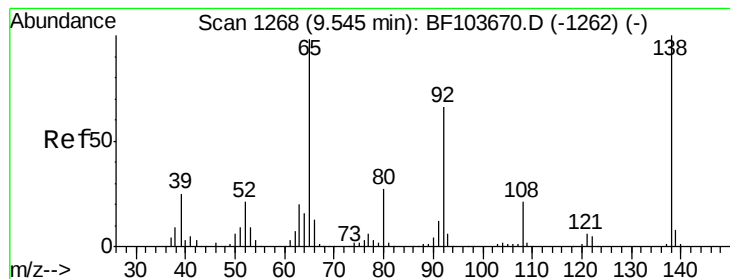


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

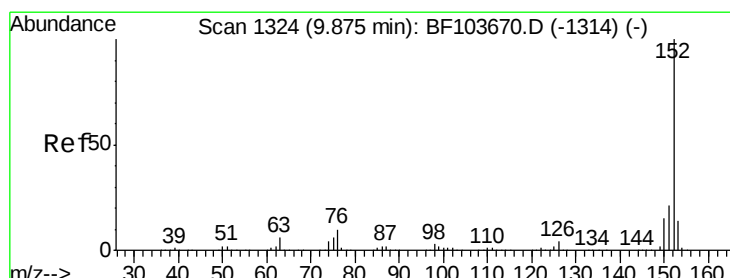
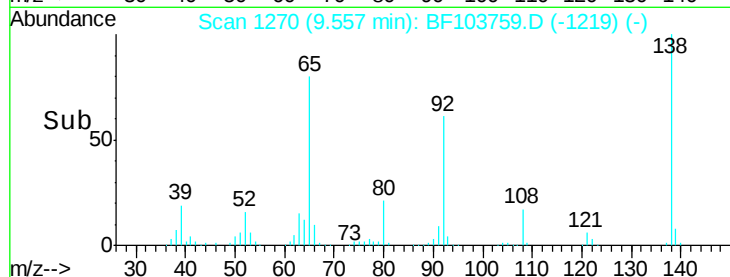
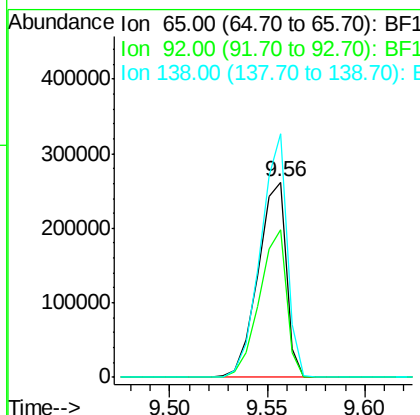
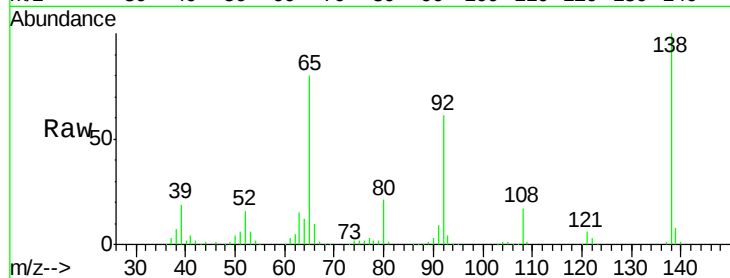




#47
 2-Nitroaniline
 Concen: 46.821 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

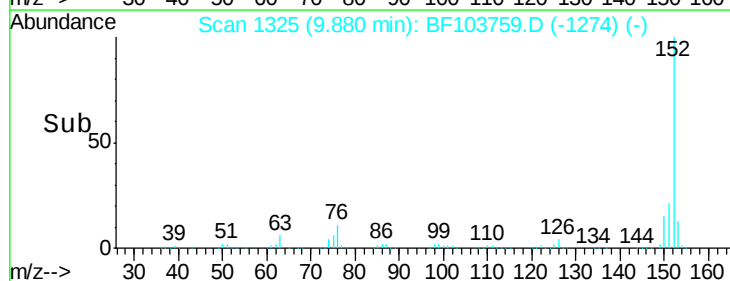
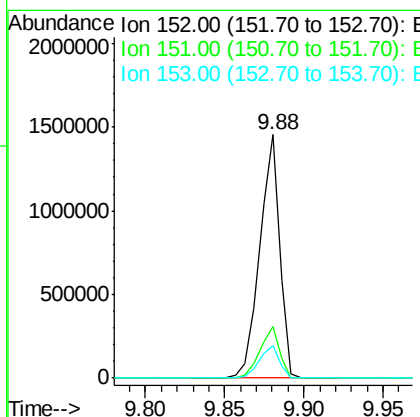
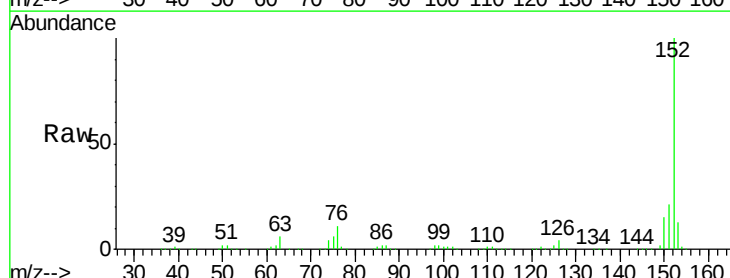
Instrument :
 BNA_F
 ClientSampleId :

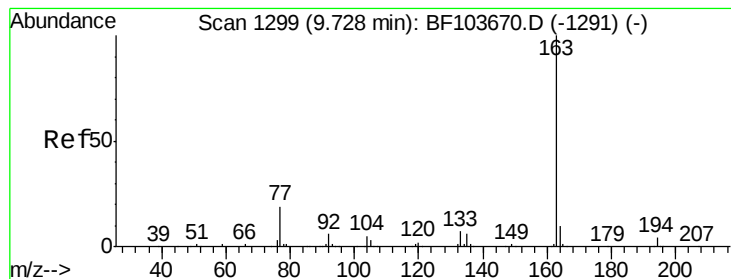
Tot Ion: 65 Resp: 262476
 Ion Ratio Lower Upper
 65 100
 92 75.5 55.8 83.6
 138 124.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 38.454 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion: 152 Resp: 1283196
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 40.191 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampled :

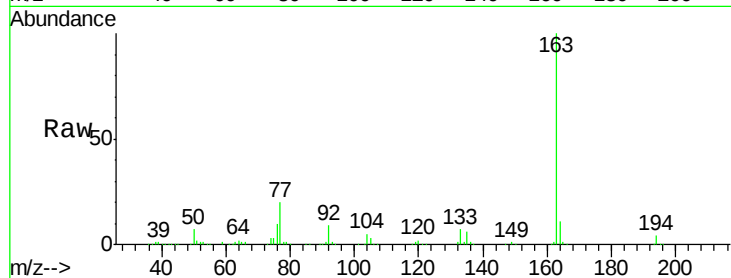
Tot Ion:163 Resp: 996322

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

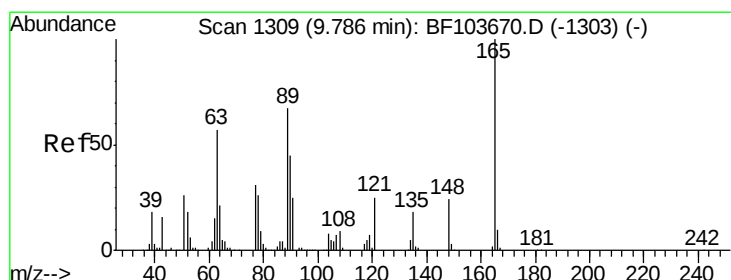
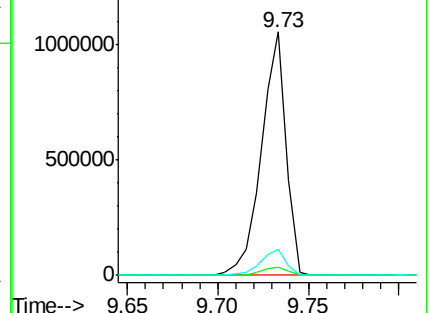
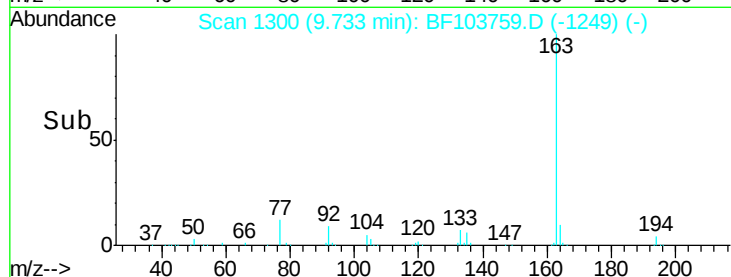
164 10.5 8.2 12.2



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: 46.573 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

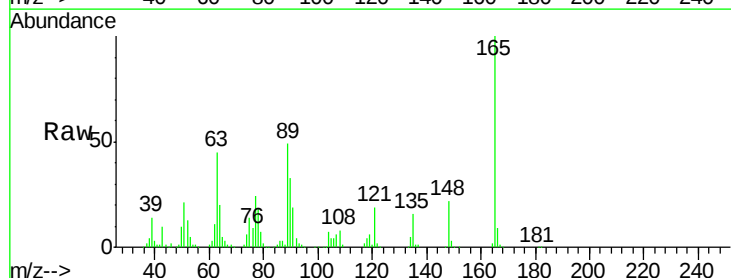
Tgt Ion:165 Resp: 222720

Ion Ratio Lower Upper

165 100

63 45.1 44.7 67.1

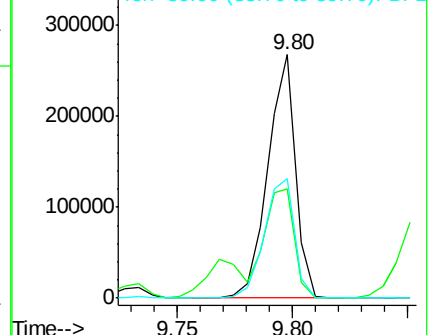
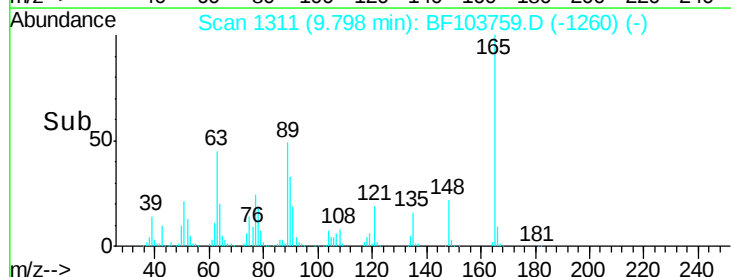
89 48.9 44.0 66.0

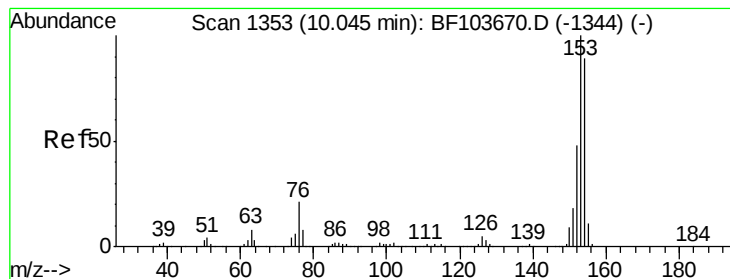


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.366 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

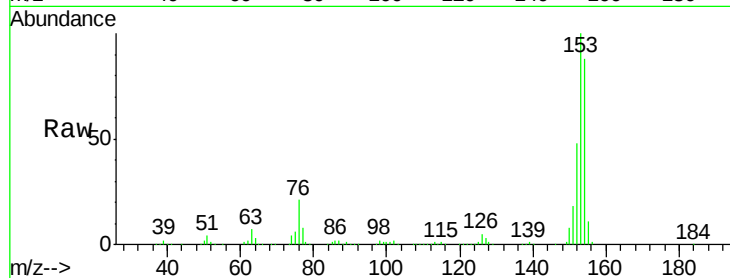
Tot Ion:154 Resp: 799801

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

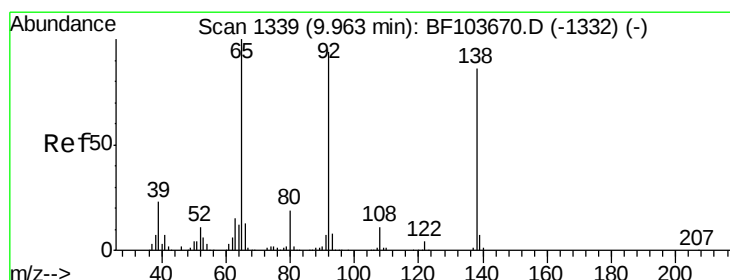
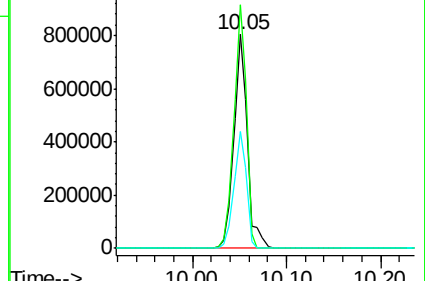
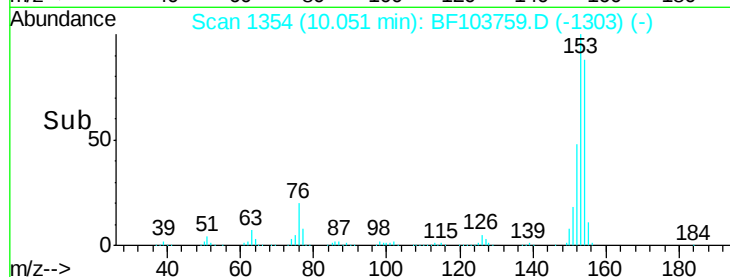
152 54.5 43.8 65.8



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: 45.579 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

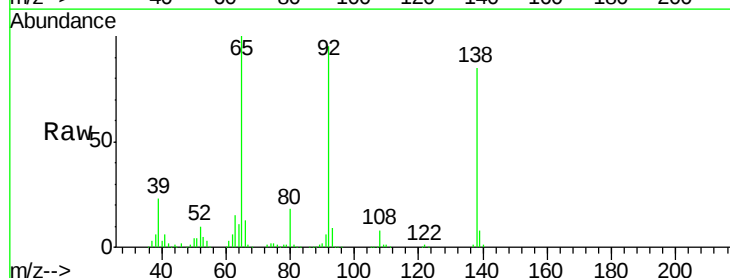
Tgt Ion:138 Resp: 260752

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

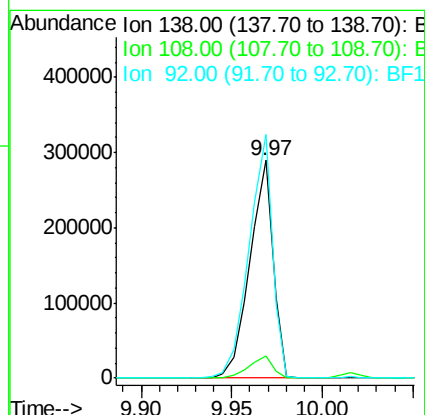
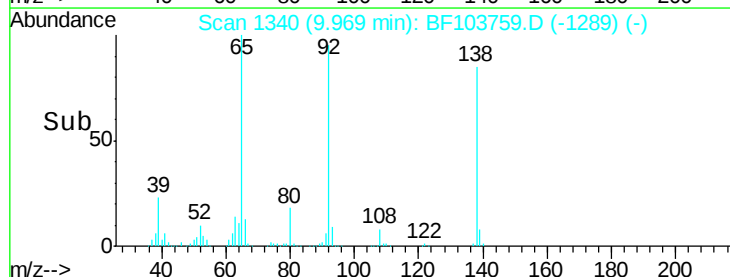
92 112.0 89.4 134.2

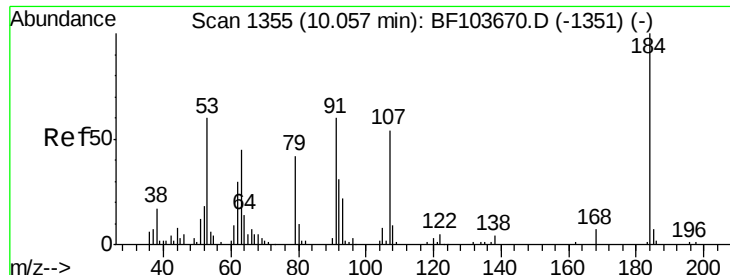


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

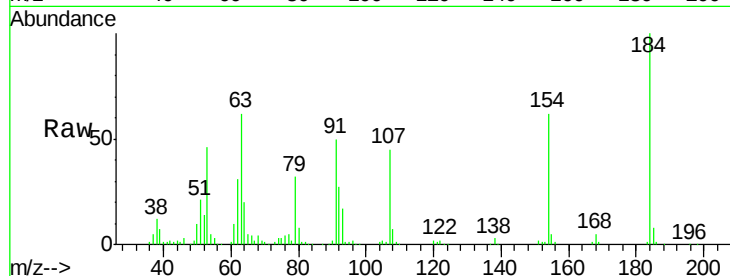




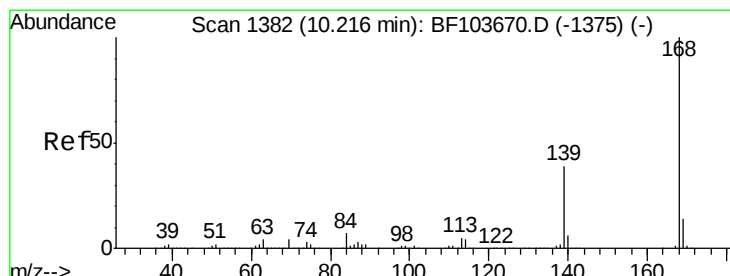
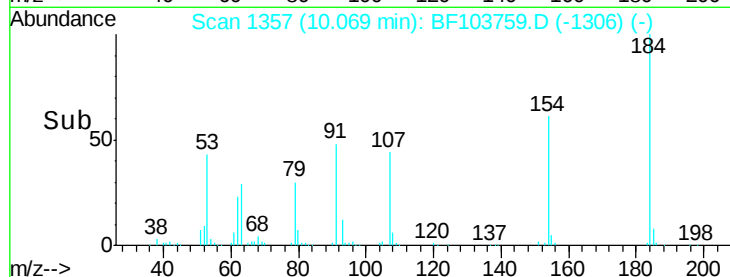
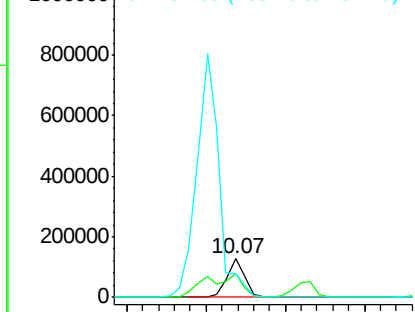
#53
2,4-Dinitrophenol
Concen: 72.307 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 99307
Ion Ratio Lower Upper
184 100
63 62.5 54.2 81.2
154 61.5 184.0 276.0#

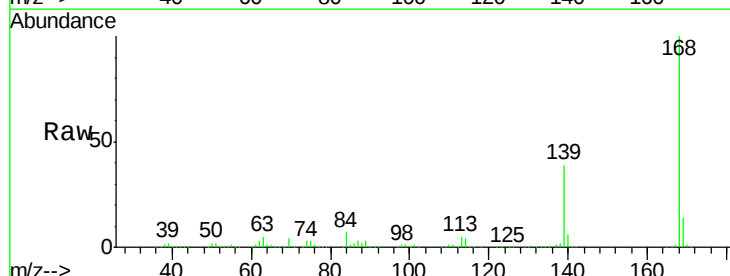


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

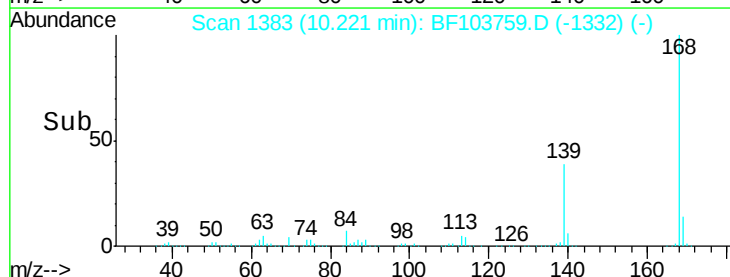
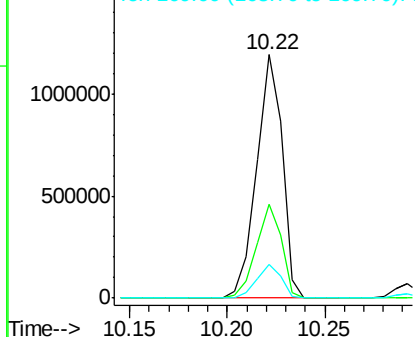


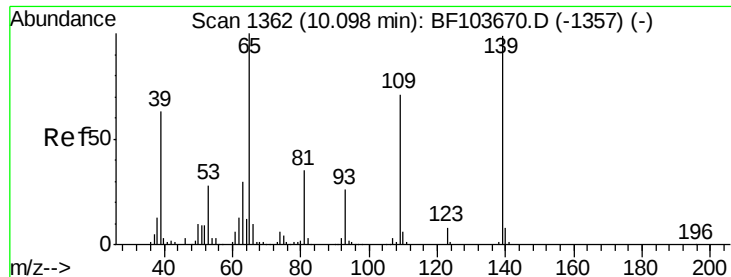
#54
Dibenzofuran
Concen: 38.276 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion:168 Resp: 1083148
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.7 10.9 16.3



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

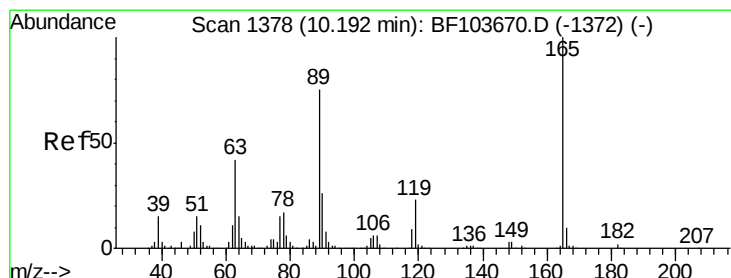
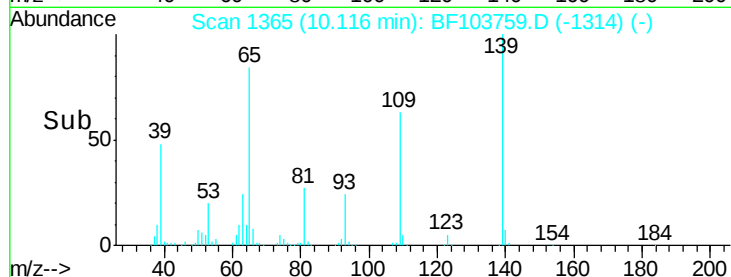
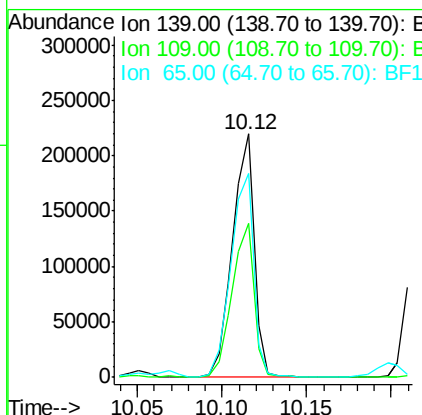
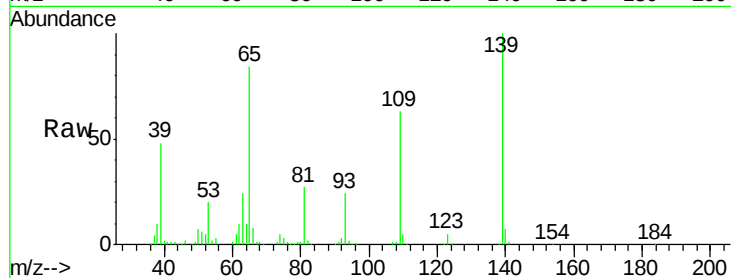




#55
4-Nitrophenol
Concen: 45.730 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

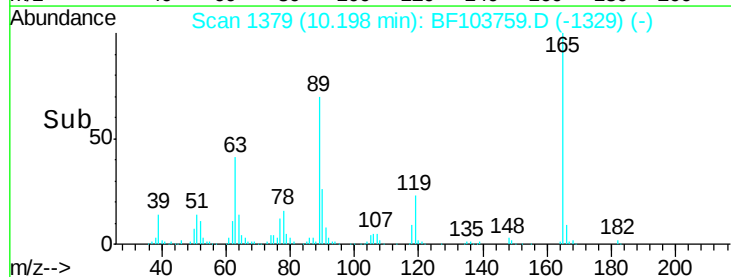
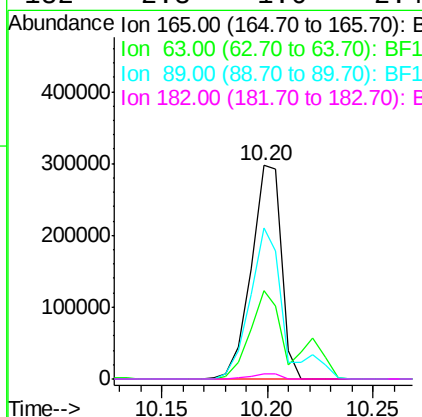
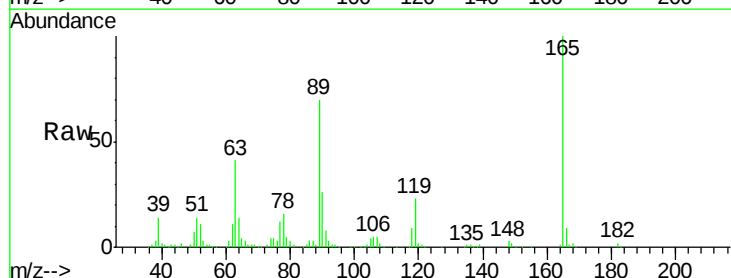
Instrument :
BNA_F
ClientSampled :

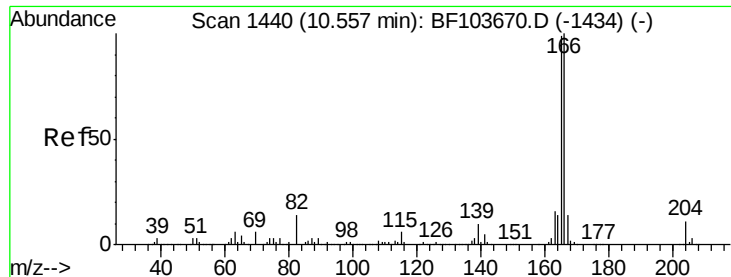
Tot Ion:139 Resp: 197243
Ion Ratio Lower Upper
139 100
109 63.3 48.4 88.4
65 83.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.533 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion:165 Resp: 295331
Ion Ratio Lower Upper
165 100
63 41.1 36.4 54.6
89 70.5 57.8 86.6
182 2.3 1.6 2.4

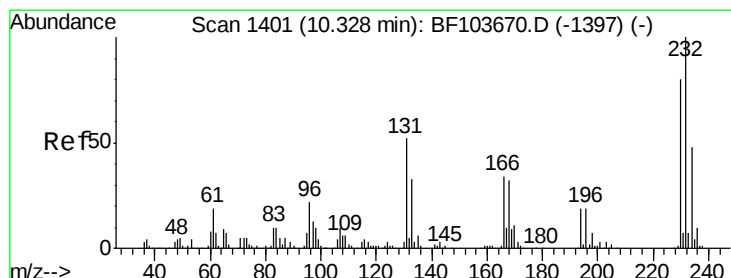
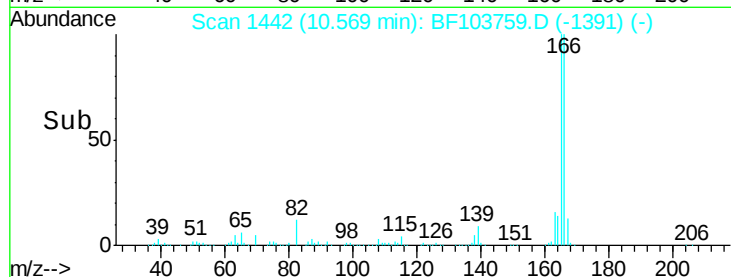
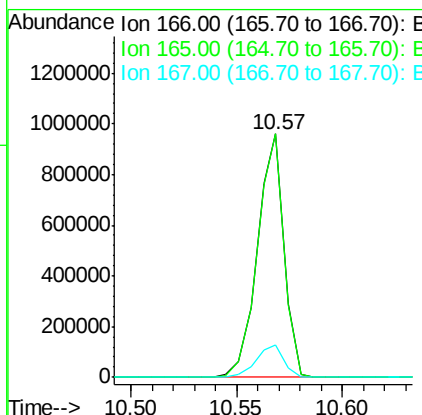
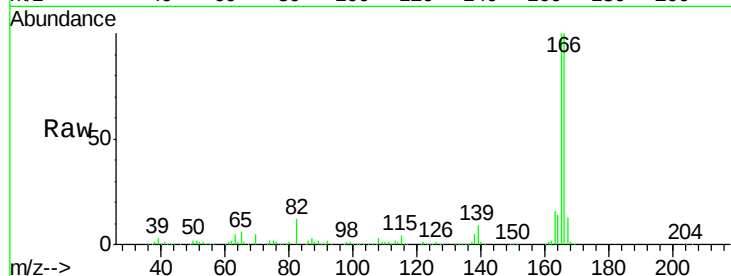




#57
 Fluorene
 Concen: 38.199 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

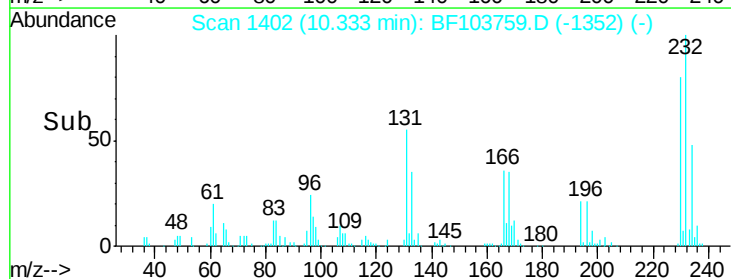
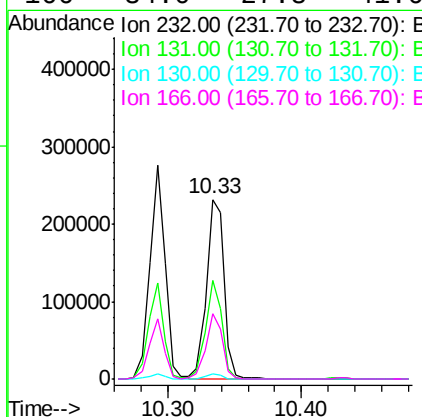
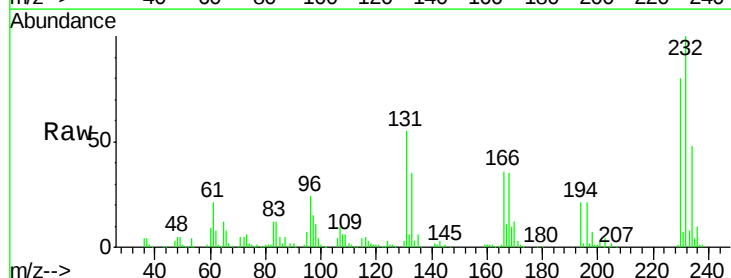
Instrument :
 BNA_F
 ClientSampleId :

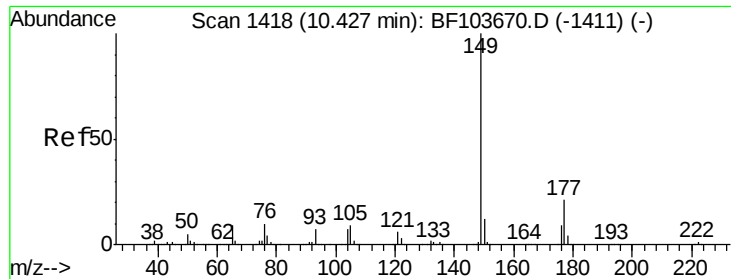
Tot Ion:166 Resp: 838813
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.083 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion:232 Resp: 213775
 Ion Ratio Lower Upper
 232 100
 131 51.0 43.8 65.8
 130 2.4 2.1 3.1
 166 34.0 27.8 41.6

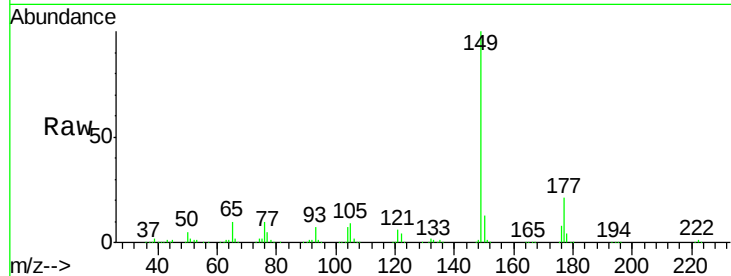




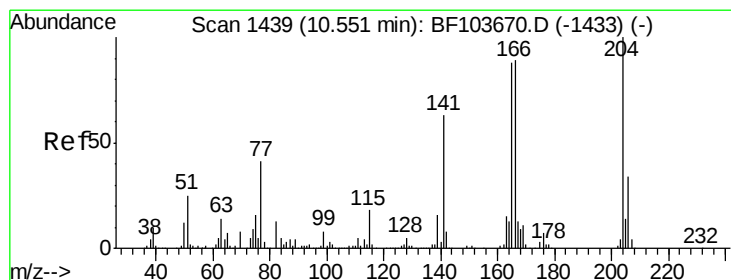
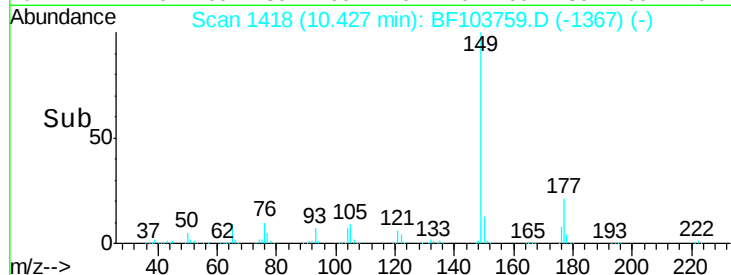
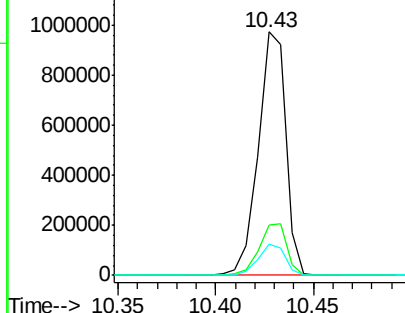
#59
Diethylphthalate
Concen: 38.659 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 951170
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.7 10.1 15.1

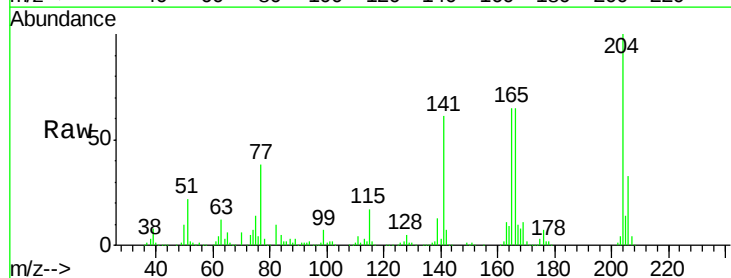


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

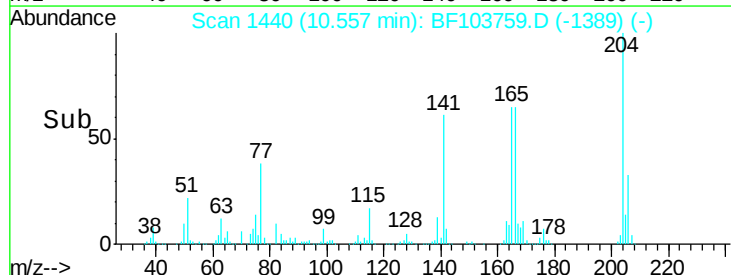
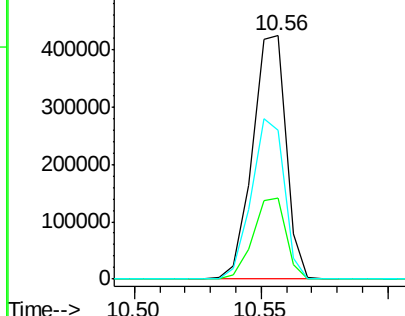


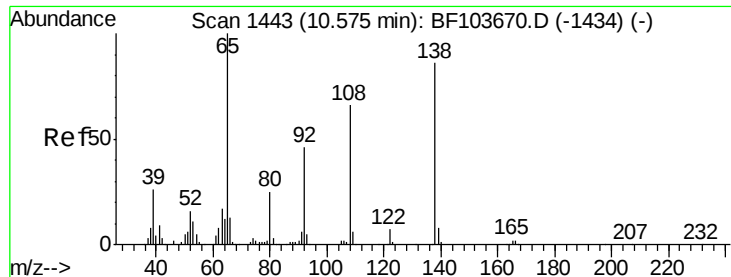
#60
4-Chlorophenyl-phenylether
Concen: 39.084 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion:204 Resp: 392229
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 60.9 54.6 81.8



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

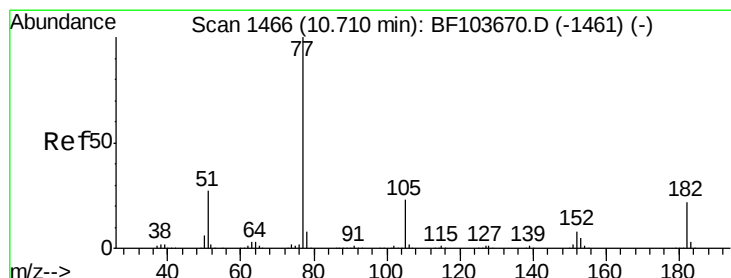
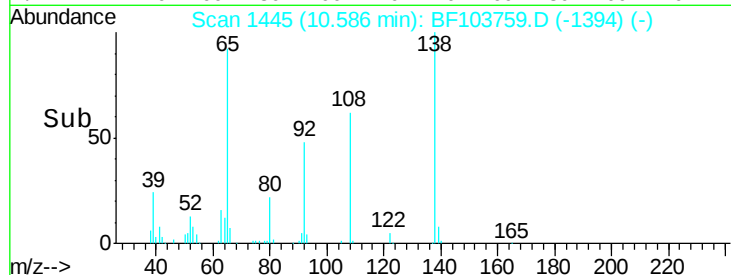
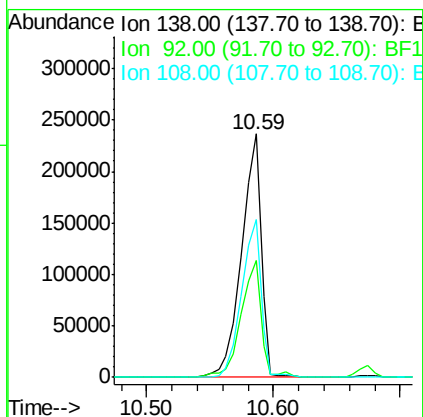
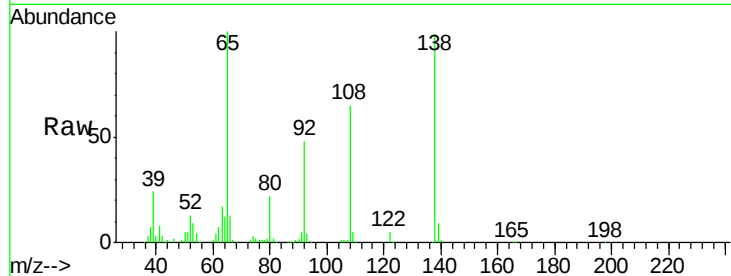




#61
4-Nitroaniline
Concen: 45.977 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

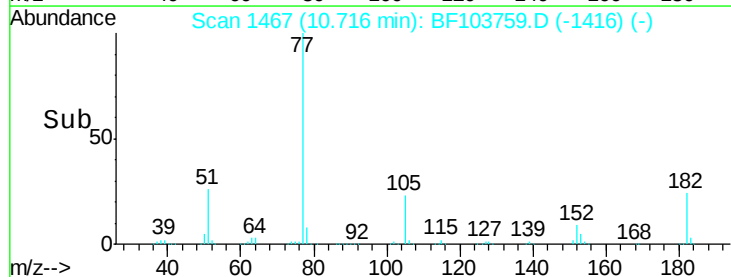
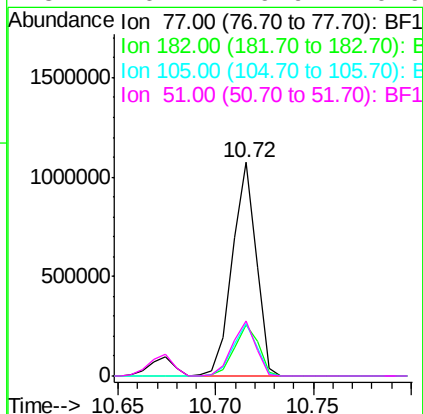
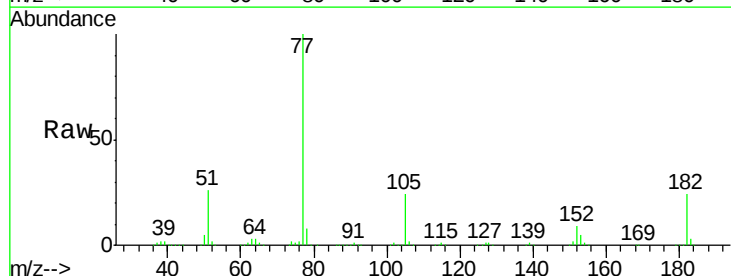
Instrument :
BNA_F
ClientSampled :

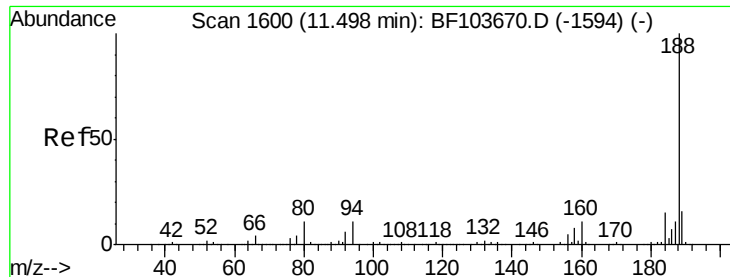
Tot Ion:138 Resp: 253368
Ion Ratio Lower Upper
138 100
92 48.0 30.2 70.2
108 65.1 52.5 92.5



#62
Azobenzene
Concen: 36.456 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion: 77 Resp: 911938
Ion Ratio Lower Upper
77 100
182 24.2 1.7 41.7
105 24.4 3.0 43.0
51 26.1 9.9 49.9

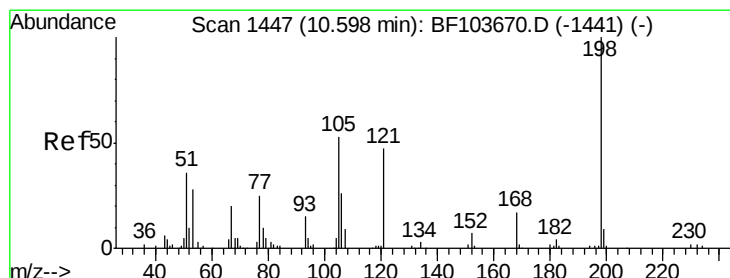
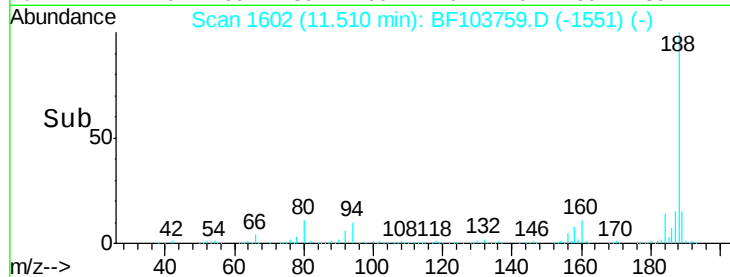
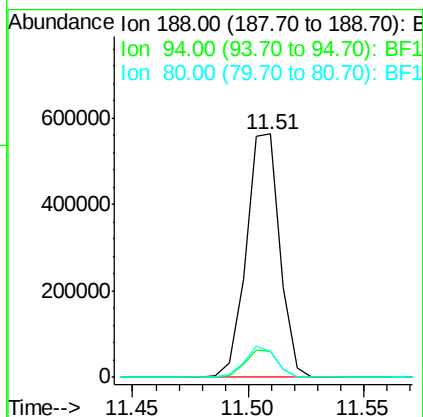
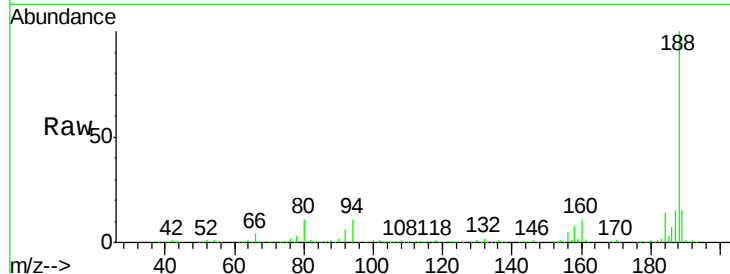




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

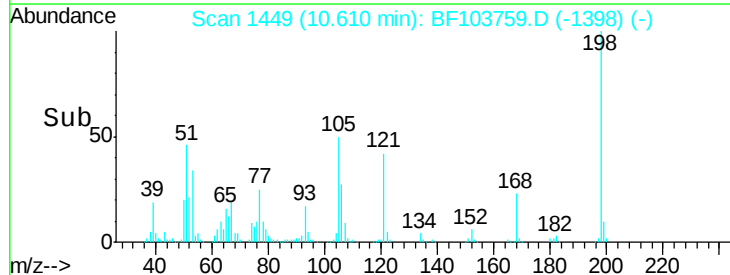
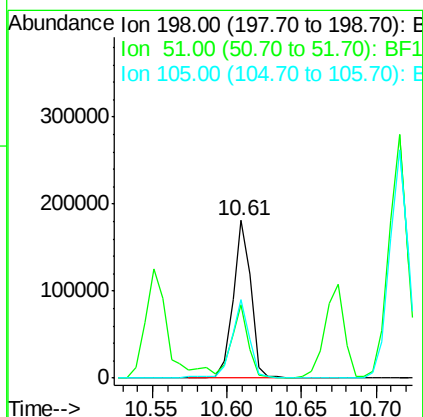
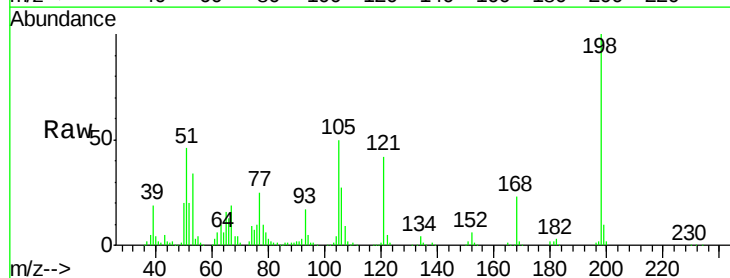
Instrument :
 BNA_F
 ClientSampleId :

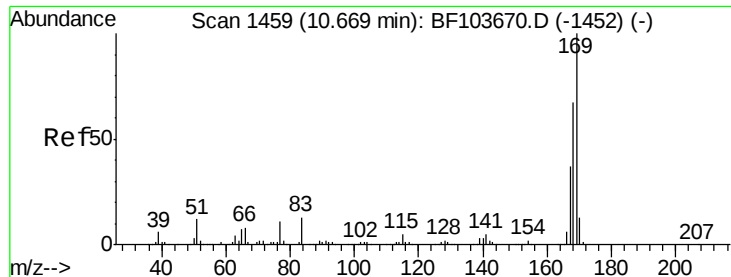
Tot Ion:188 Resp: 571250
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.5 12.7
 80 10.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 63.217 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion:198 Resp: 152620
 Ion Ratio Lower Upper
 198 100
 51 46.3 37.7 77.7
 105 50.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.853 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

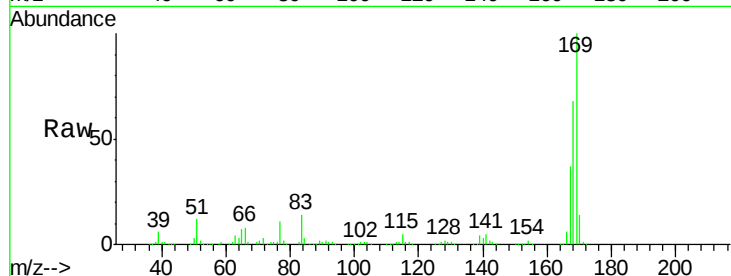
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 774907

Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.4	81.6
167	37.3	29.8	44.6

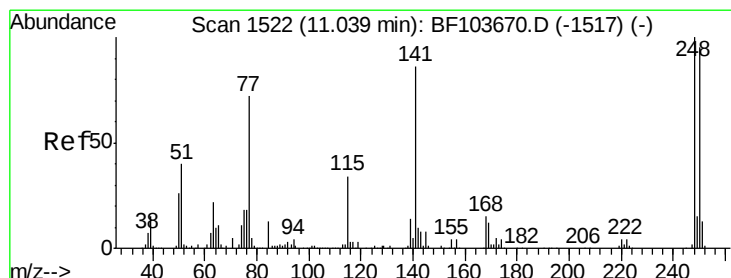
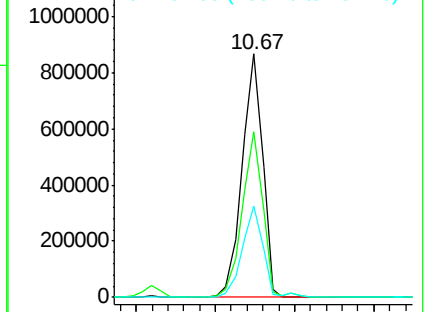
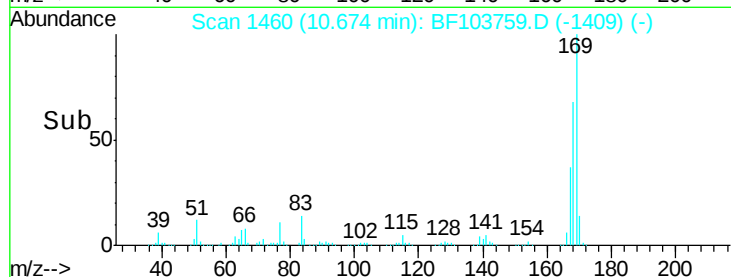


Abundance

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: 41.469 ng

RT: 11.04 min Scan# 1523

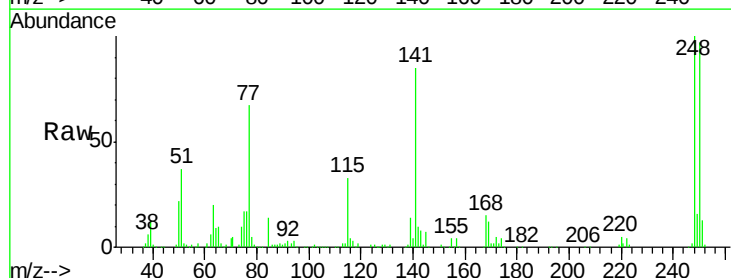
Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Tgt Ion:248 Resp: 243223

Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	84.5	74.4	111.6

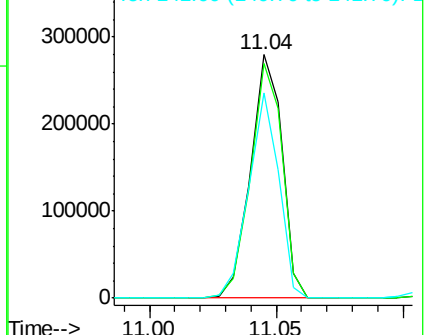
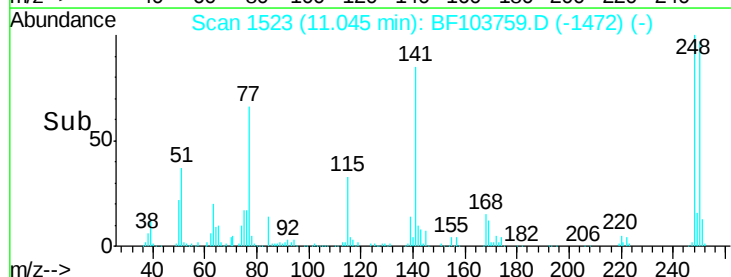


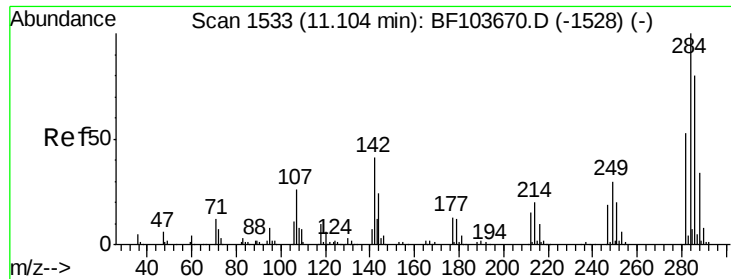
Abundance

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

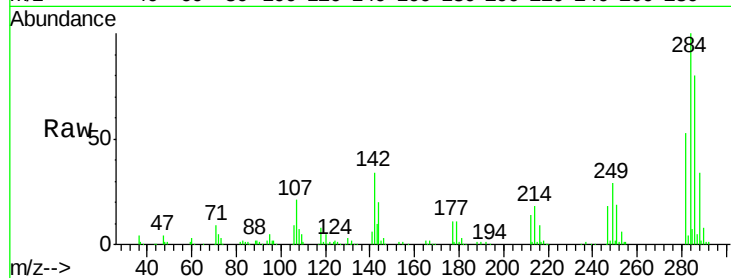




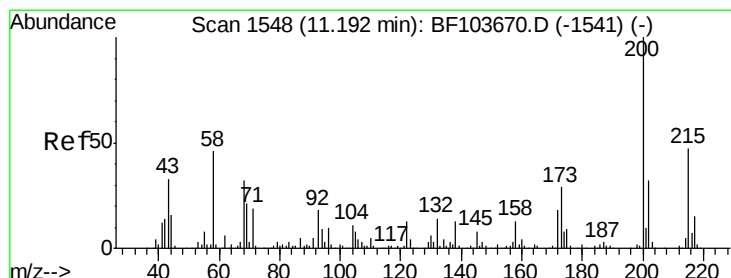
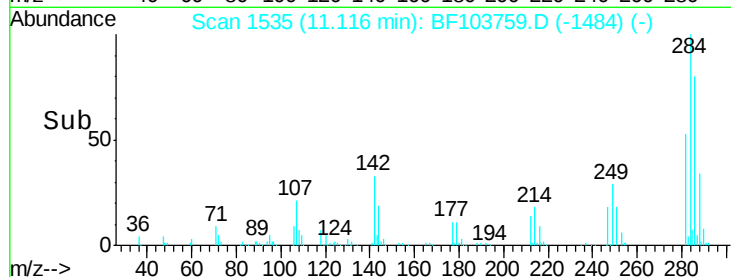
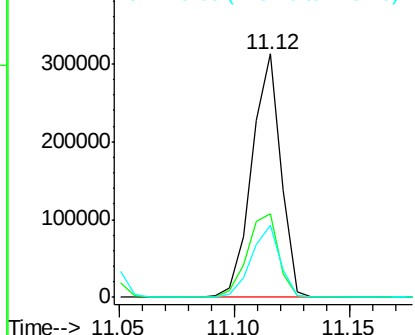
#67
Hexachlorobenzene
Concen: 40.909 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 273854
Ion Ratio Lower Upper
284 100
142 34.2 34.6 52.0#
249 29.5 24.8 37.2

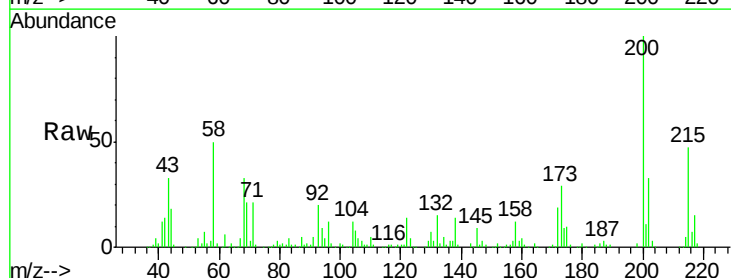


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

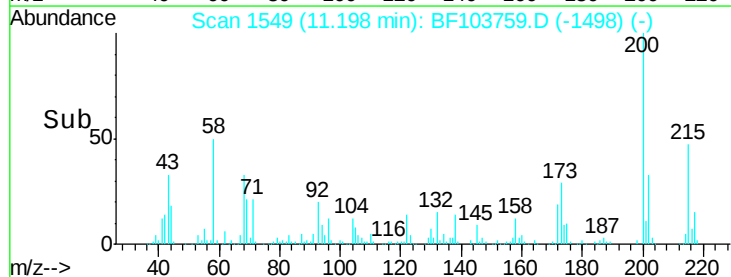
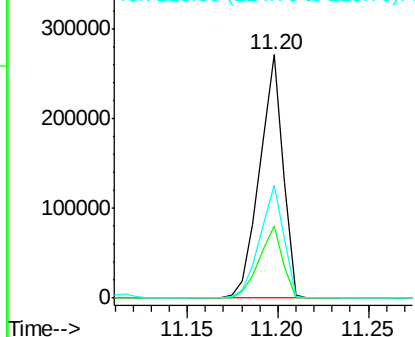


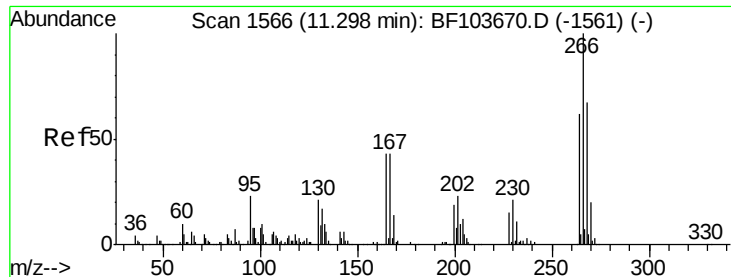
#68
Atrazine
Concen: 40.612 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion:200 Resp: 244280
Ion Ratio Lower Upper
200 100
173 29.5 8.6 48.6
215 46.6 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

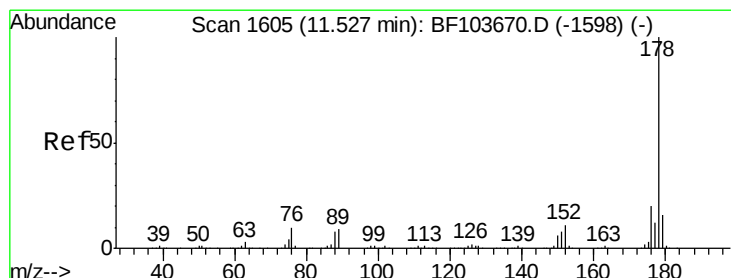
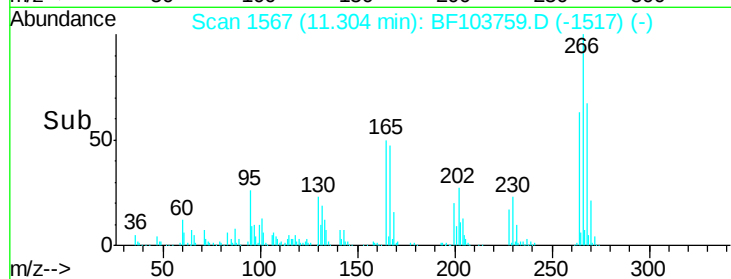
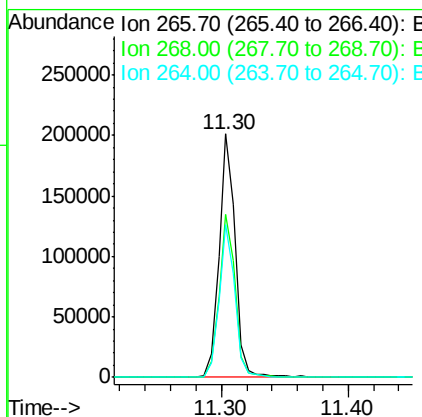
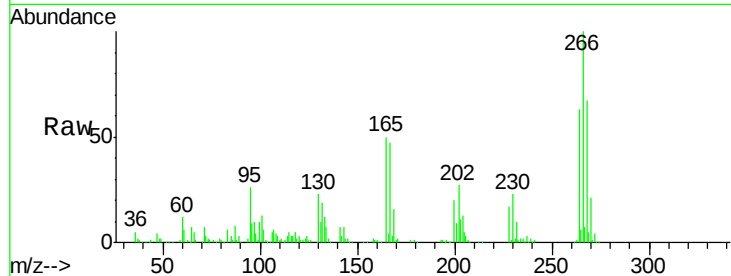




#69
 Pentachlorophenol
 Concen: 46.663 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

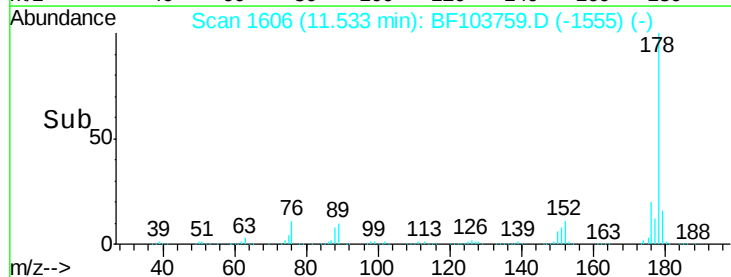
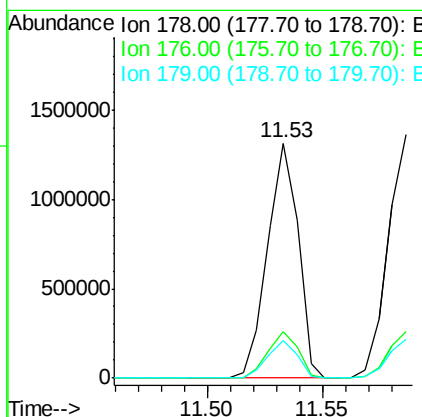
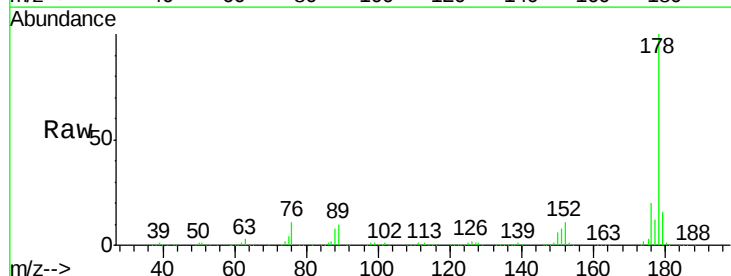
Instrument :
 BNA_F
 ClientSampleId :

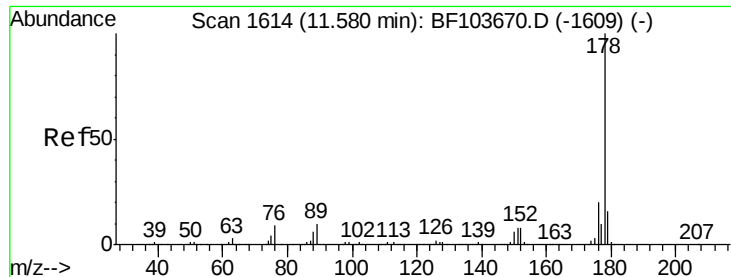
Tot Ion:266 Resp: 179586
 Ion Ratio Lower Upper
 266 100
 268 67.2 51.1 76.7
 264 62.9 49.5 74.3



#70
 Phenanthrene
 Concen: 38.805 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion:178 Resp: 1212620
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.8 13.0 19.6

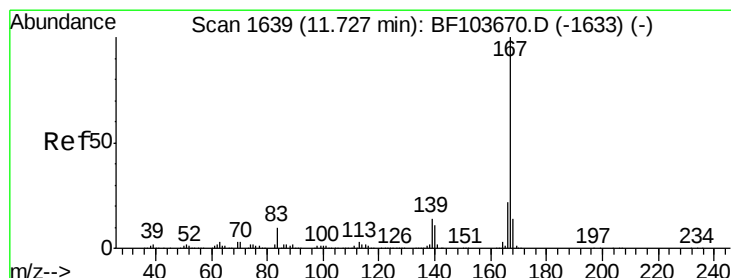
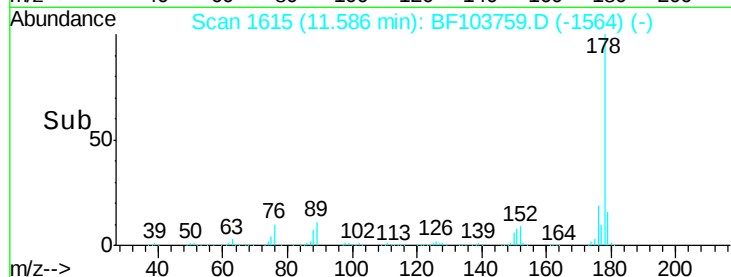
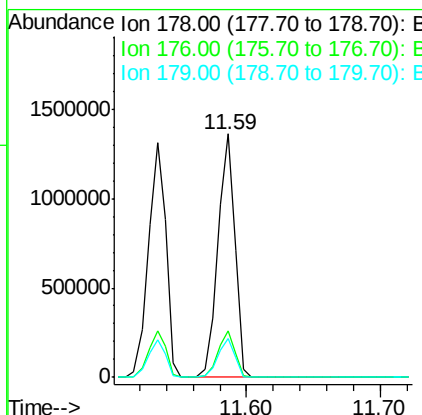
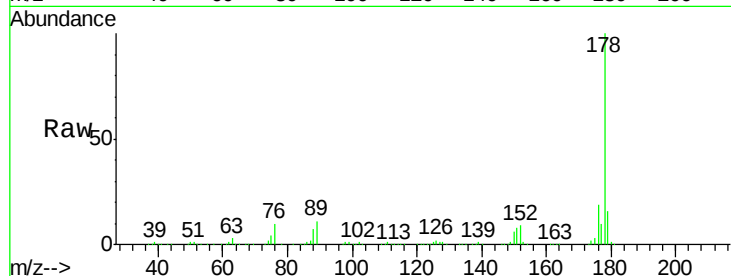




#71
 Anthracene
 Concen: 38.632 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

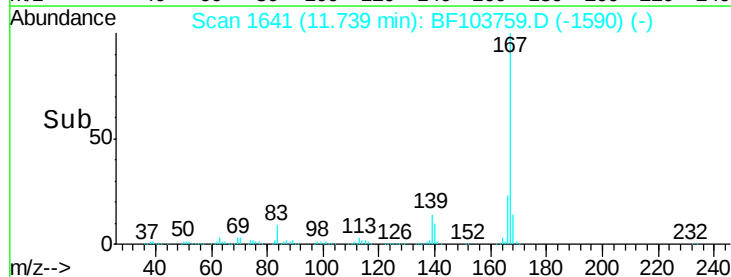
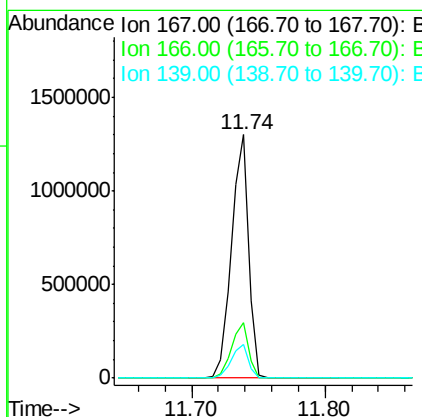
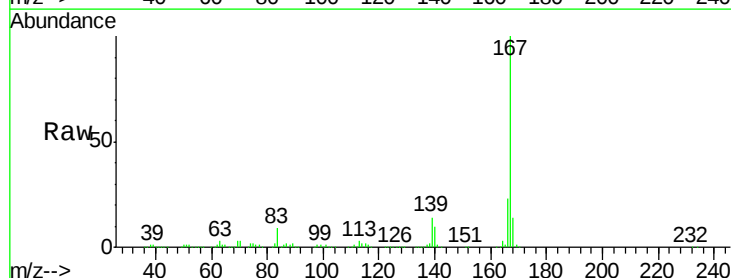
Instrument :
 BNA_F
 ClientSampleId :

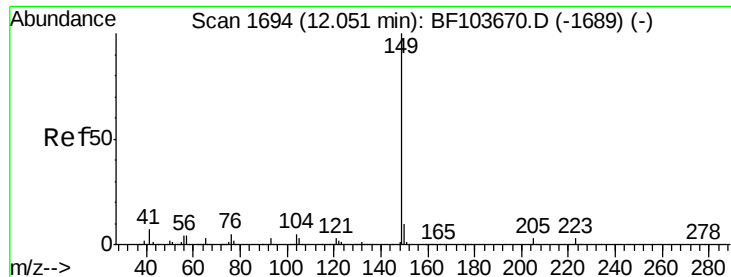
Tot Ion:178 Resp: 1226113
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 38.266 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion:167 Resp: 1180442
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.601 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

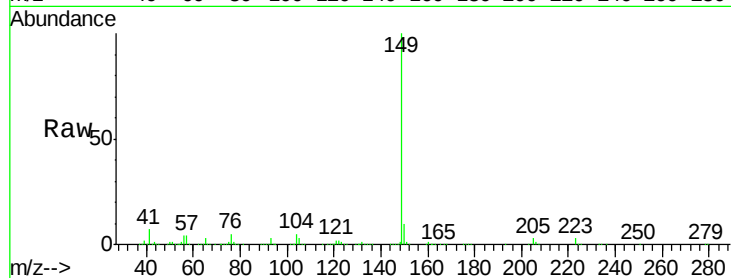
Tot Ion:149 Resp: 1465800

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

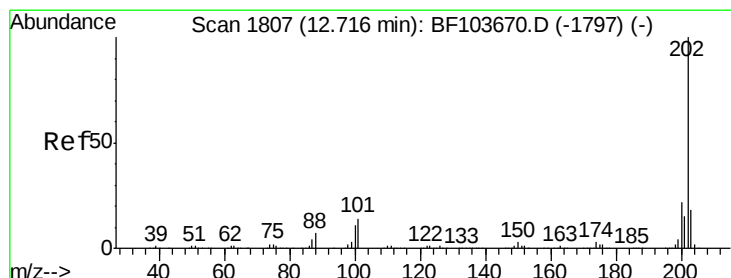
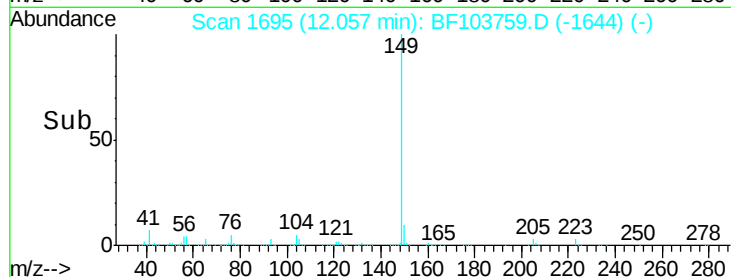
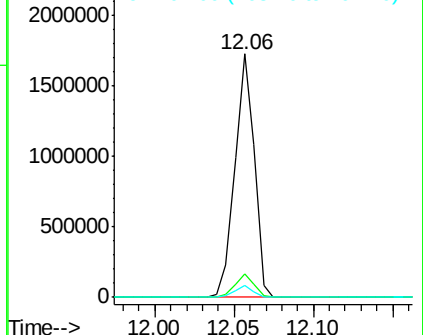
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.219 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

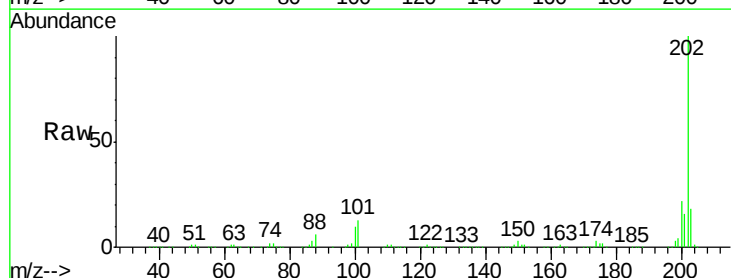
Tgt Ion:202 Resp: 1230385

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.1

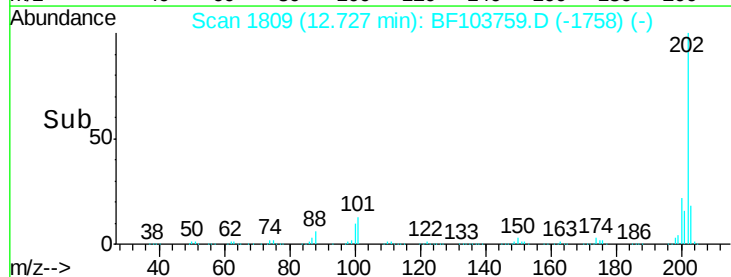
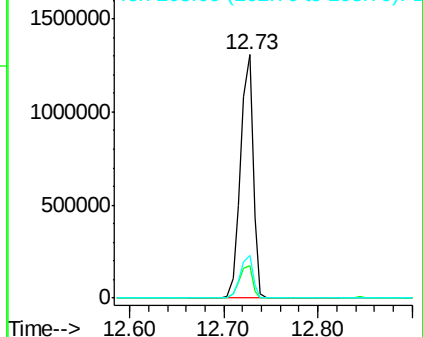
203 17.7 0.0 38.1

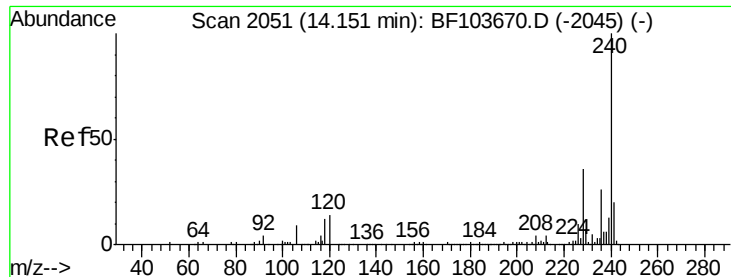


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

Instrument :

BNA_F

ClientSampleId :

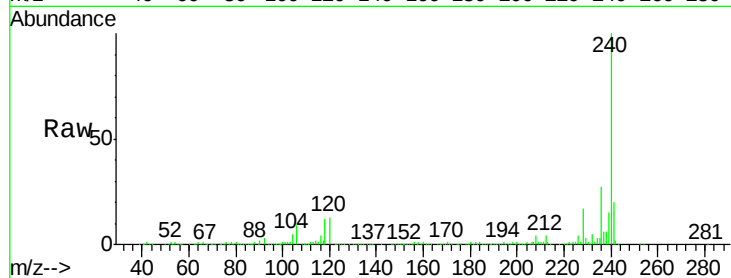
Tot Ion:240 Resp: 426149

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

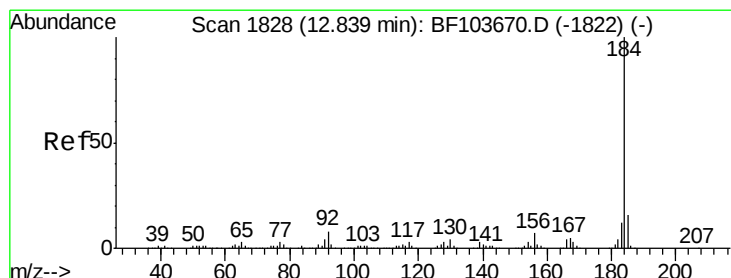
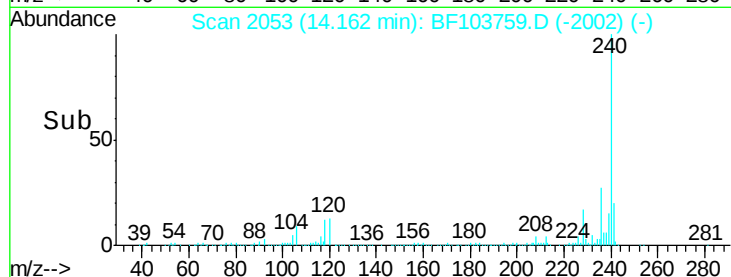
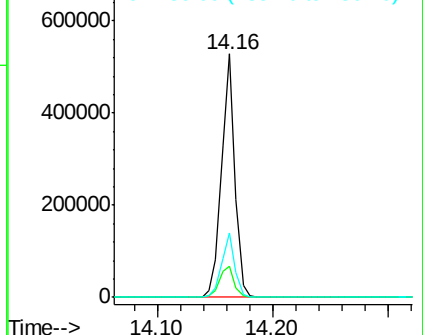
236 26.7 20.7 31.1



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: 41.823 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF103759.D

Acq: 19 Mar 2018 16:47

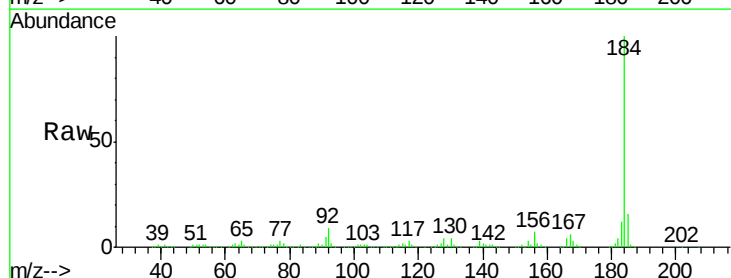
Tgt Ion:184 Resp: 760158

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

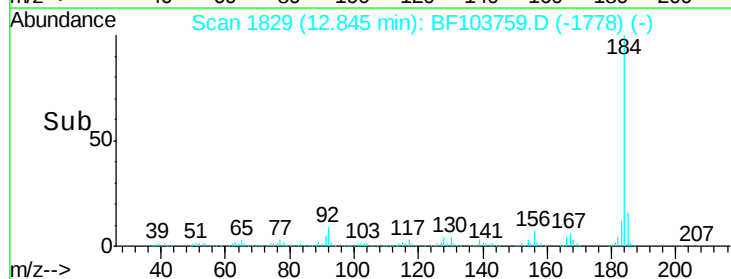
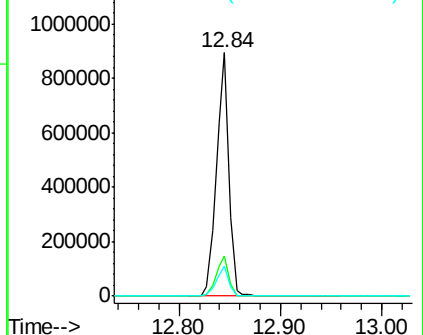
183 12.0 9.3 13.9

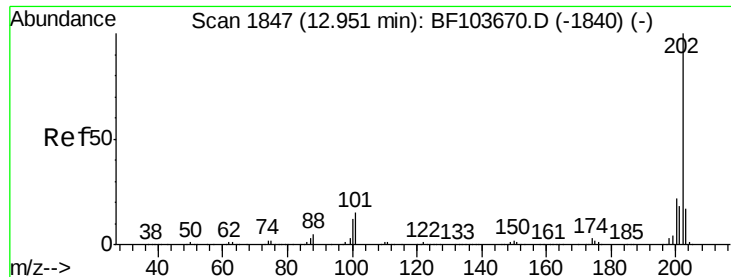


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

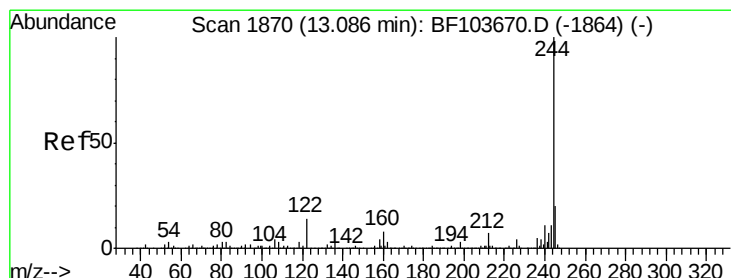
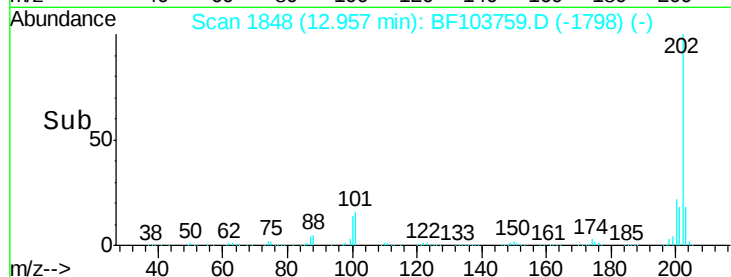
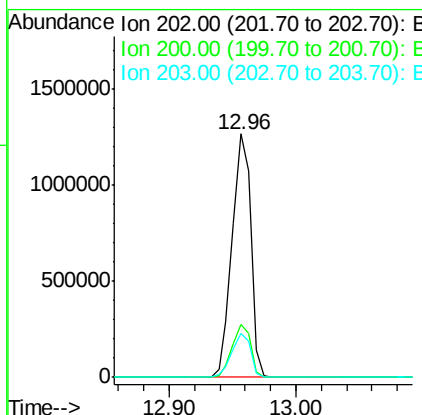
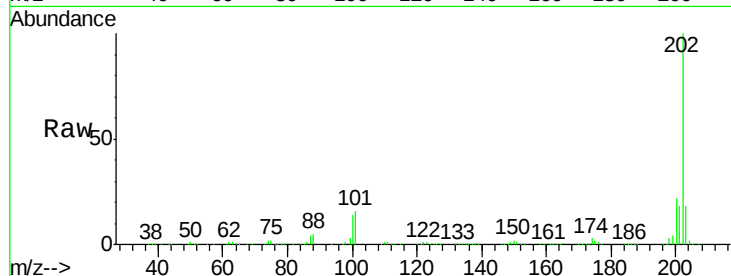




#77
Pvrene
Concen: 40.950 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

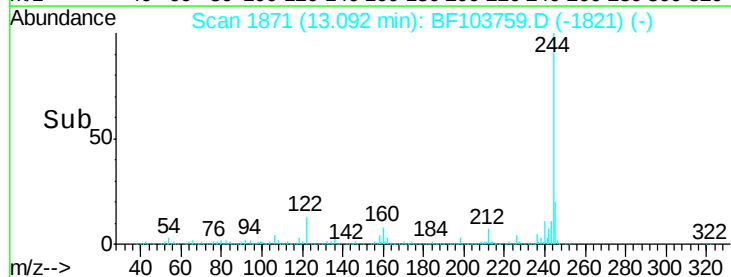
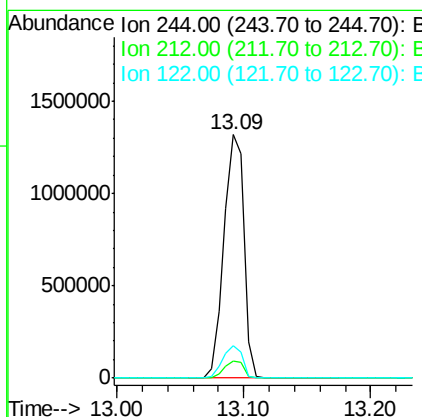
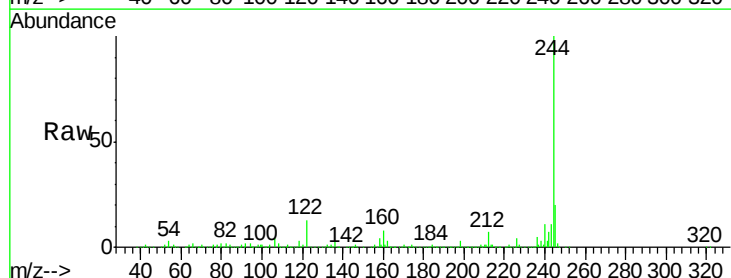
Instrument :
BNA_F
ClientSampleId :

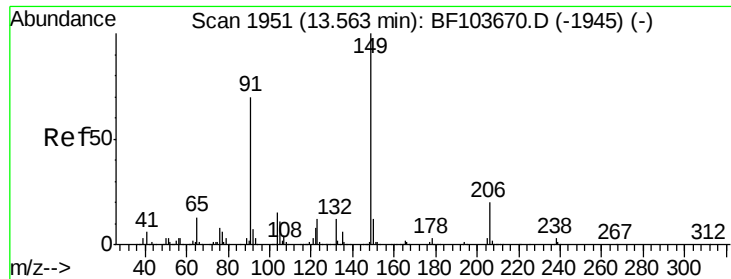
Tot Ion:202 Resp: 1281563
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 78.511 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion:244 Resp: 1441410
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.1 11.0 16.4

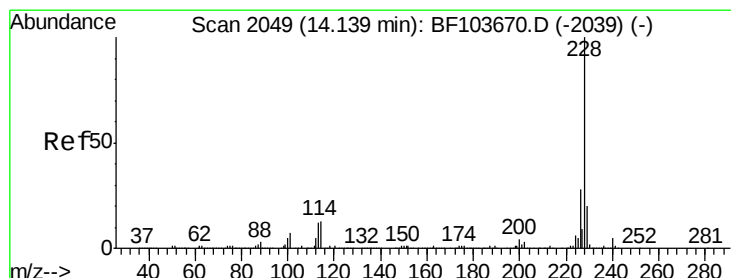
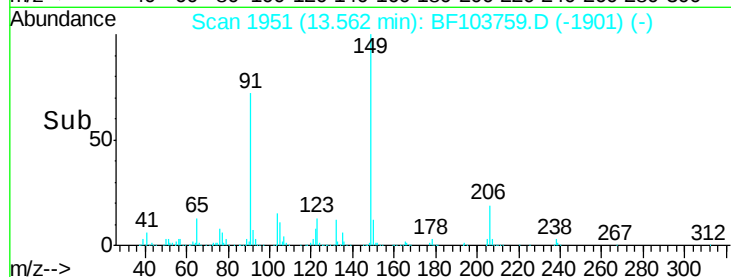
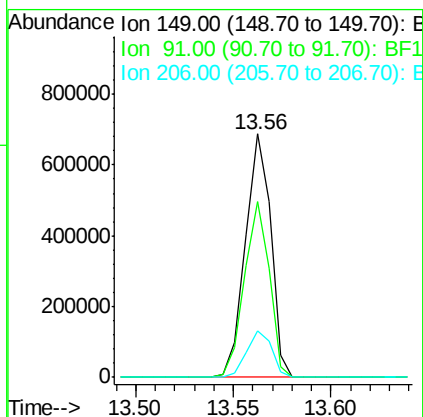
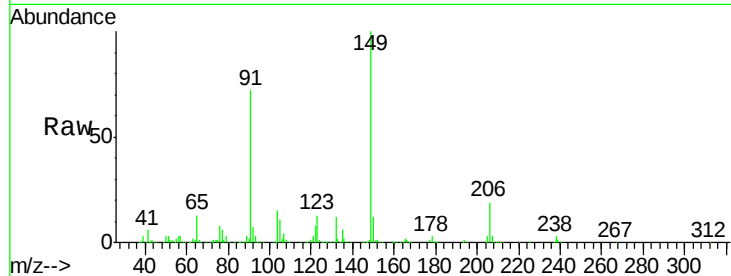




#79
Butylbenzylphthalate
Concen: 44.797 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

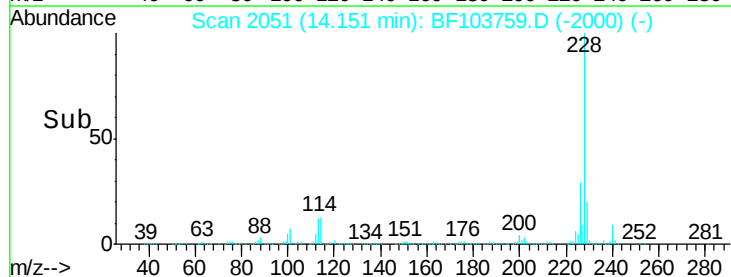
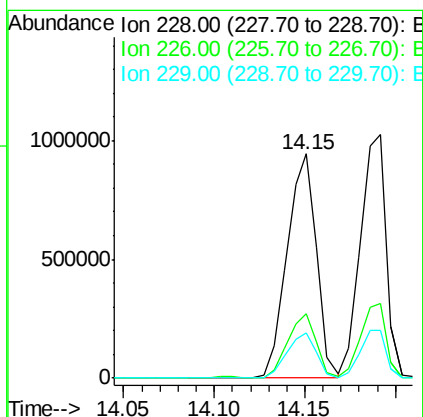
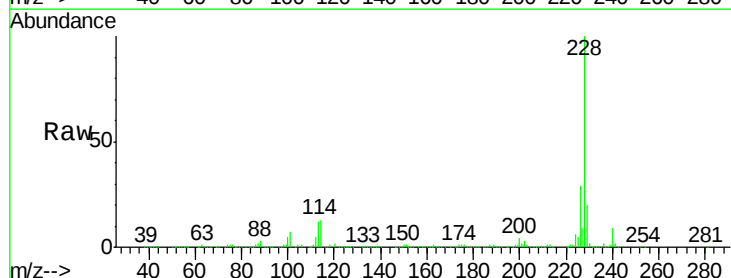
Instrument :
BNA_F
ClientSampleId :

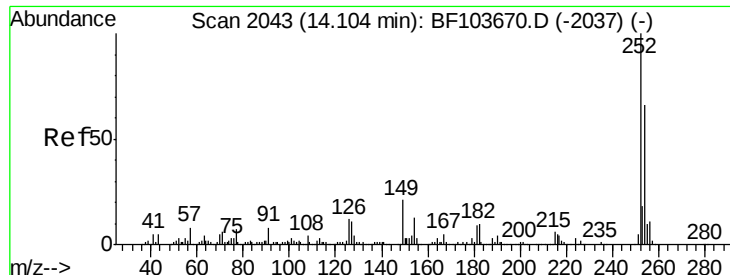
Tot Ion:149 Resp: 621151
Ion Ratio Lower Upper
149 100
91 72.0 56.8 85.2
206 19.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.599 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion:228 Resp: 1068179
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.1 15.8 23.6

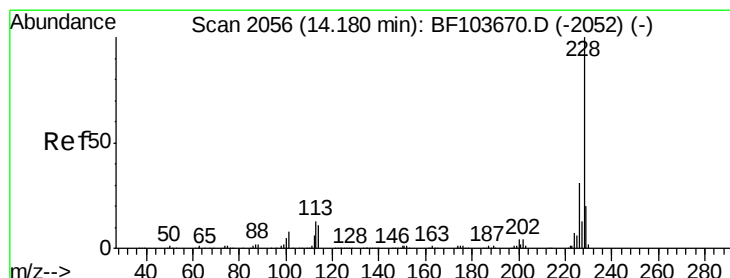
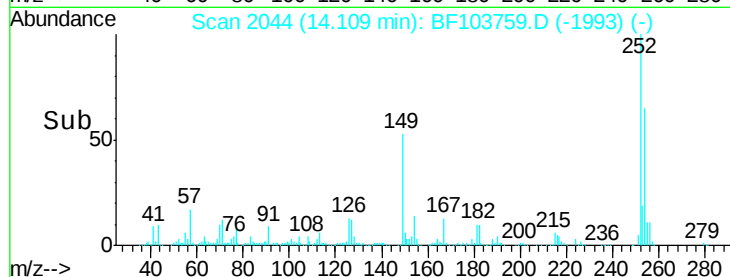
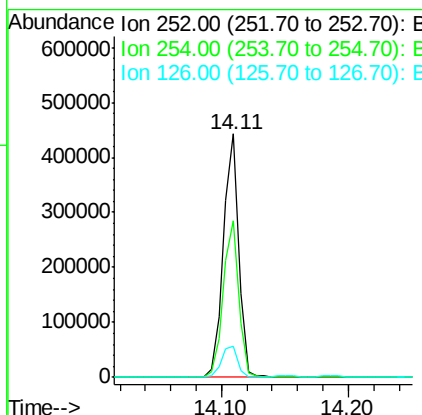
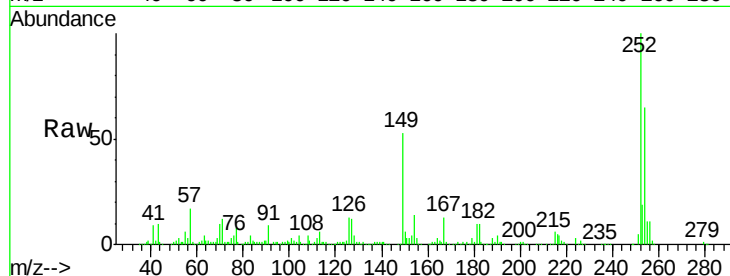




#81
 3,3'-Dichlorobenzidine
 Concen: 41.684 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

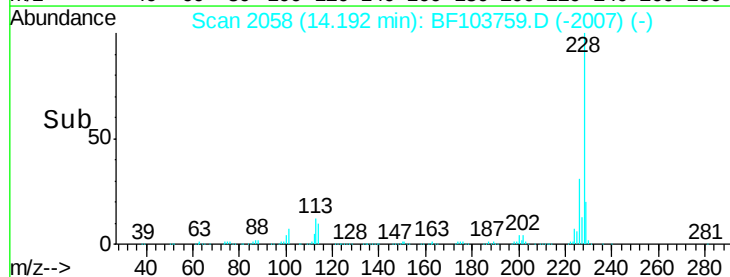
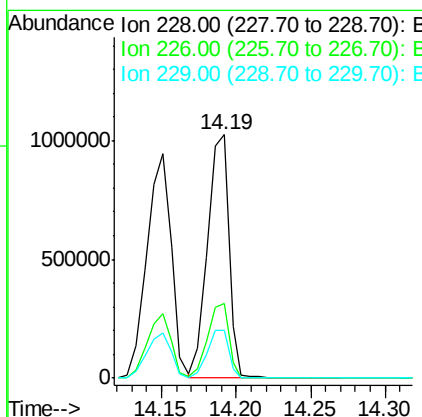
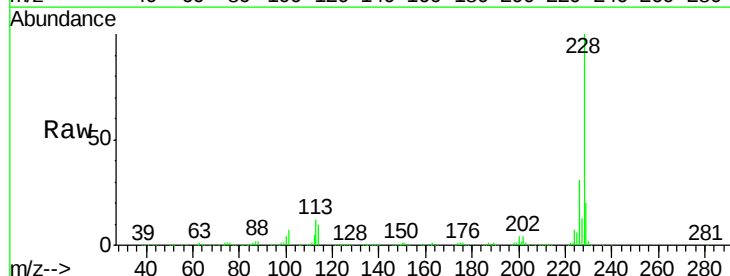
Instrument :
 BNA_F
 ClientSampled :

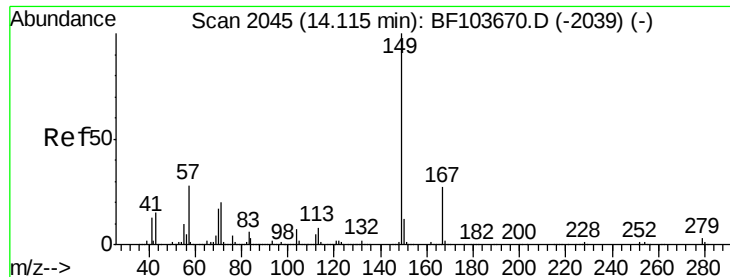
Tot Ion:252 Resp: 376113
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 12.8 11.3 16.9



#82
 Chrysene
 Concen: 39.601 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion:228 Resp: 1018303
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.5 16.2 24.4

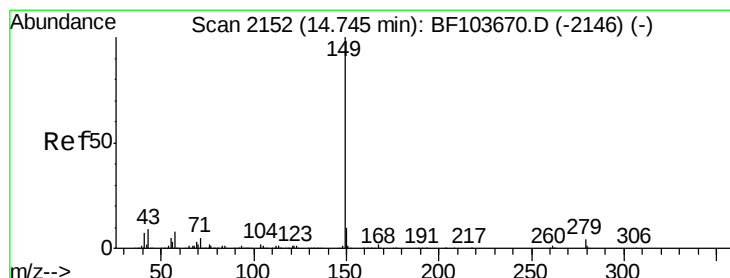
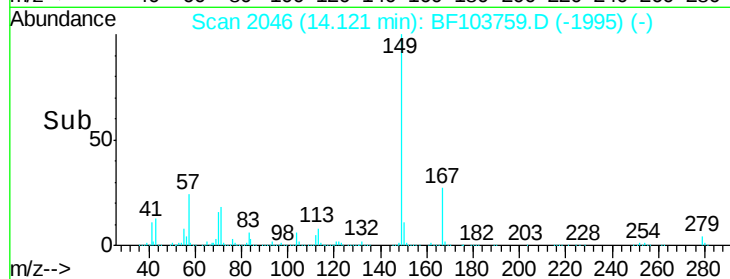
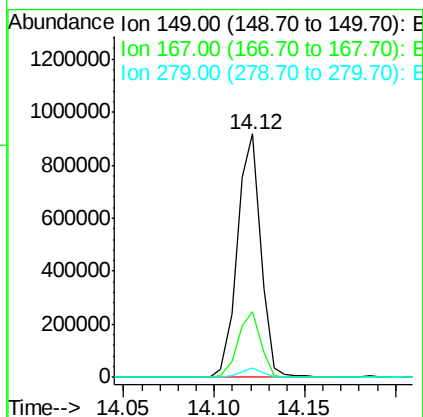
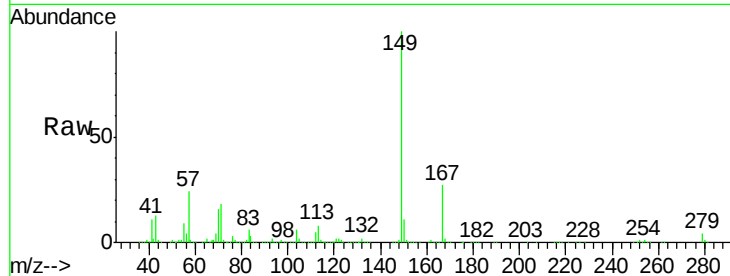




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.664 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

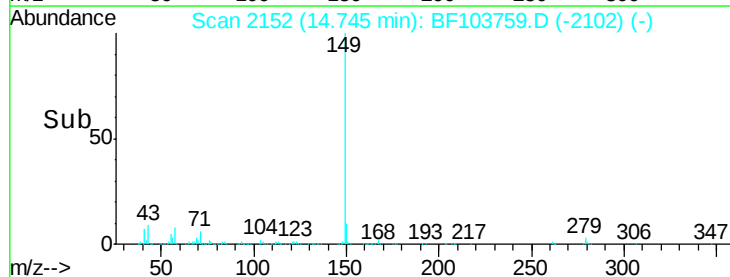
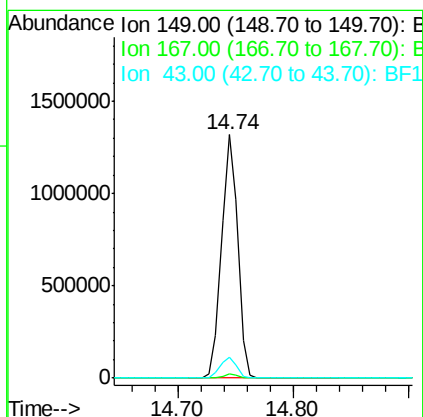
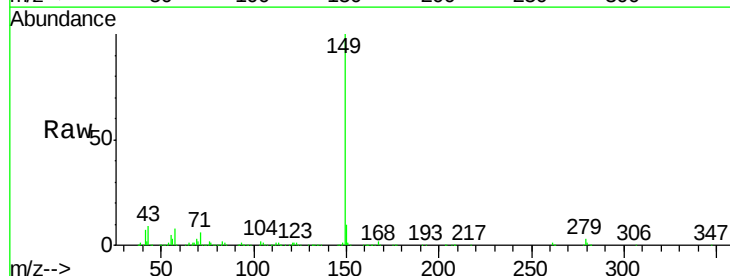
Instrument :
 BNA_F
 ClientSampleId :

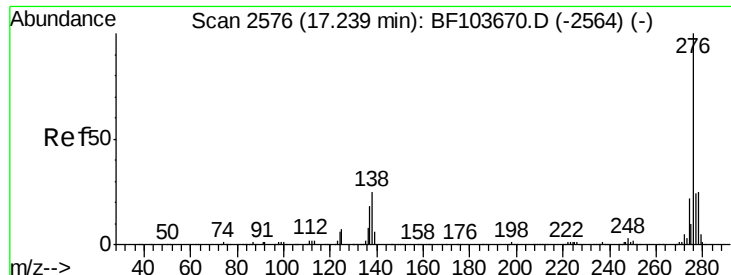
Tot Ion:149 Resp: 825309
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 44.495 ng
 RT: 14.74 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion:149 Resp: 1282252
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 8.4 12.6

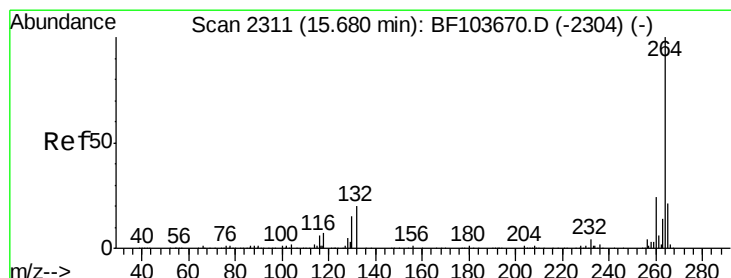
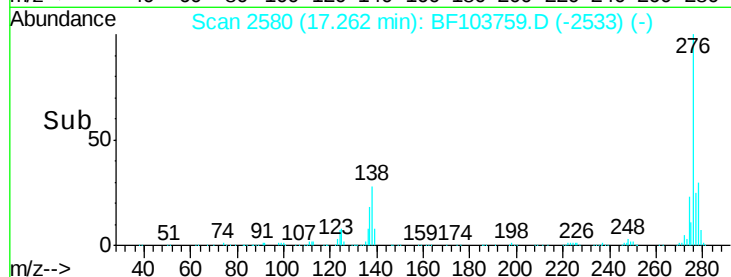
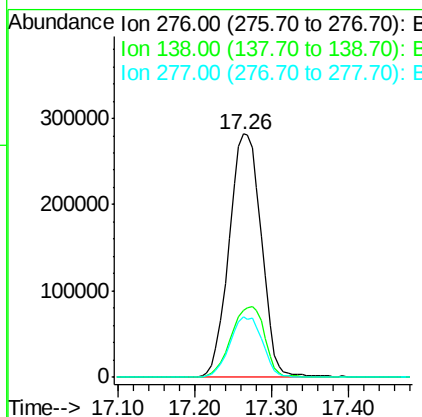
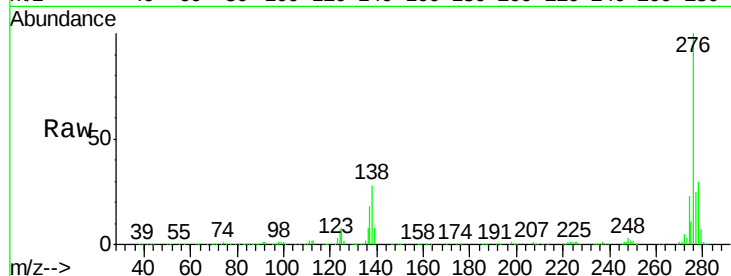




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.814 ng
 RT: 17.26 min Scan# 2580
 Delta R.T. -0.02 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

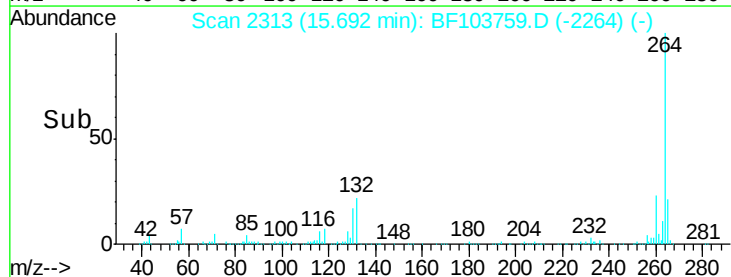
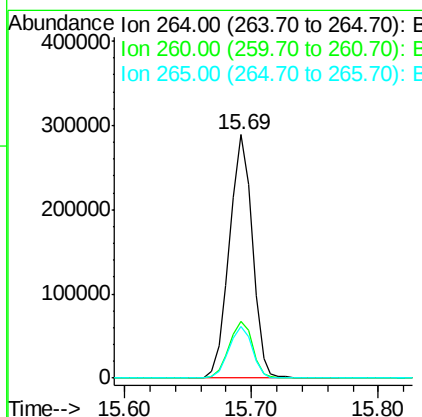
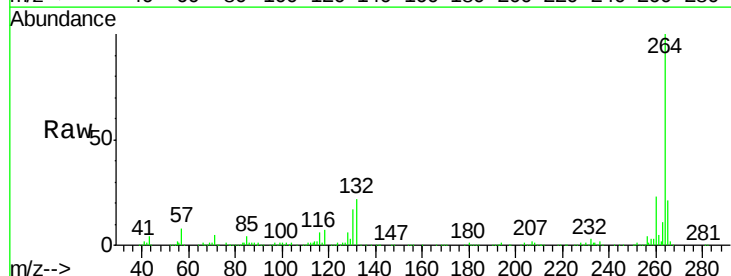
Instrument :
 BNA_F
 ClientSampleId :

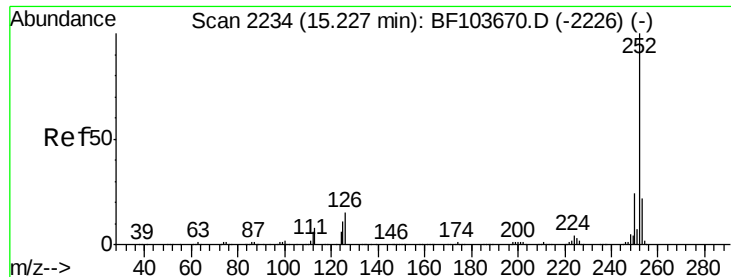
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	17.5	26.3

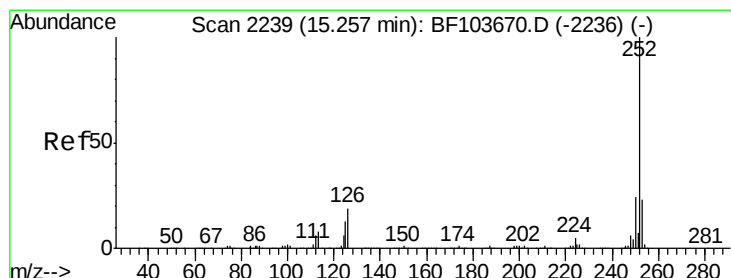
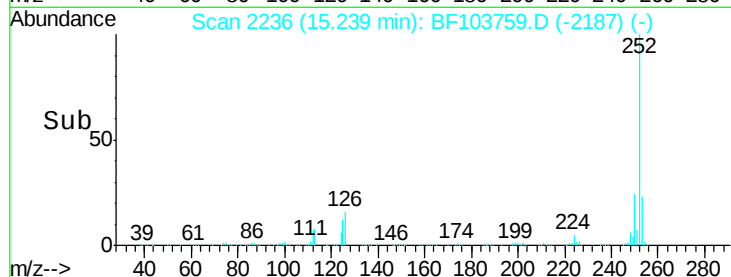
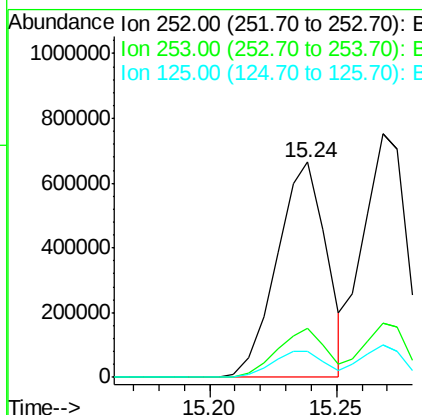
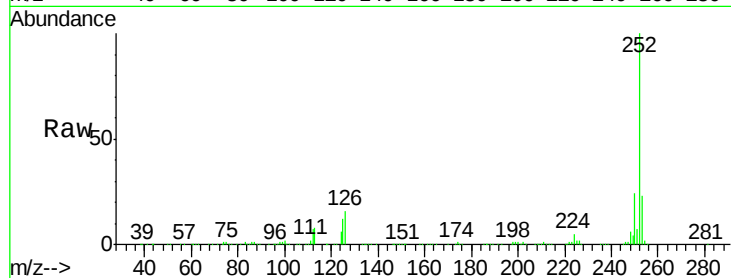




#87
Benzo(b)fluoranthene
Concen: 39.530 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

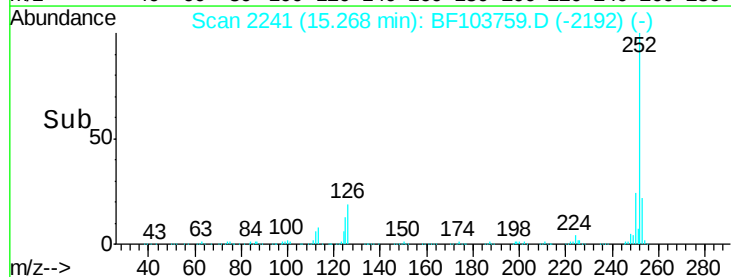
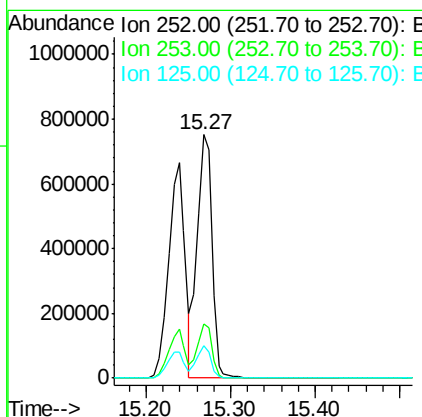
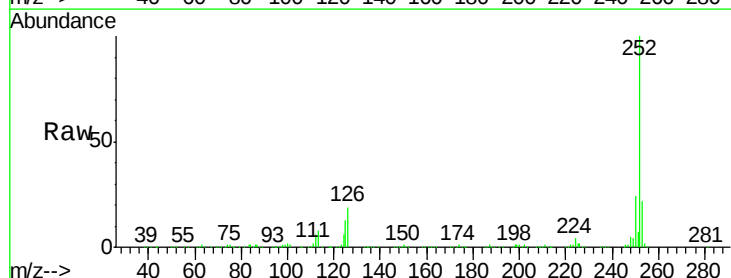
Instrument :
BNA_F
ClientSampled :

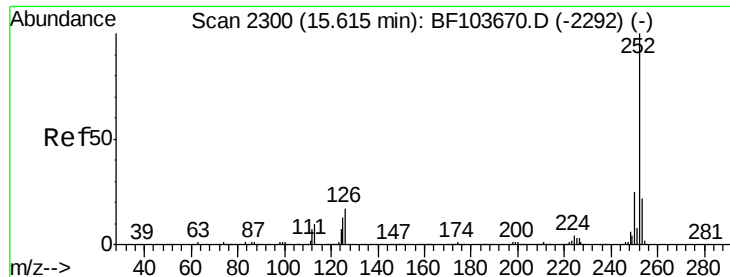
Tot Ion:252 Resp: 904787
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.070 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion:252 Resp: 903627
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.1 10.2 15.2

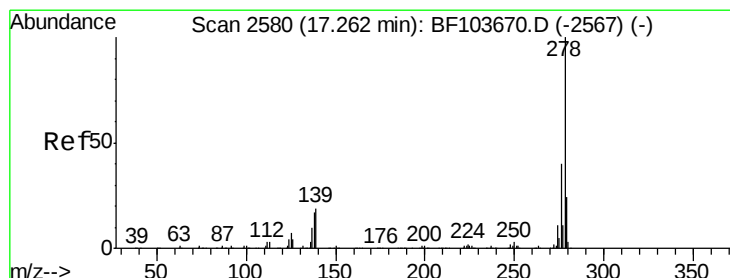
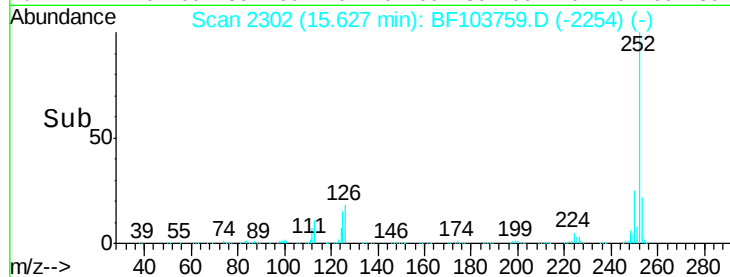
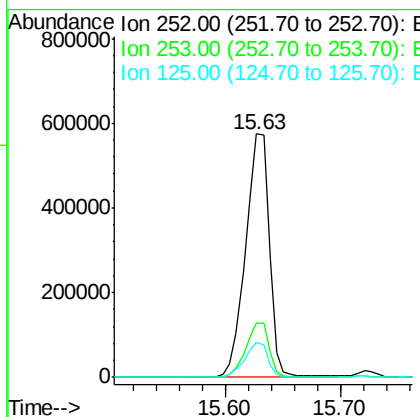
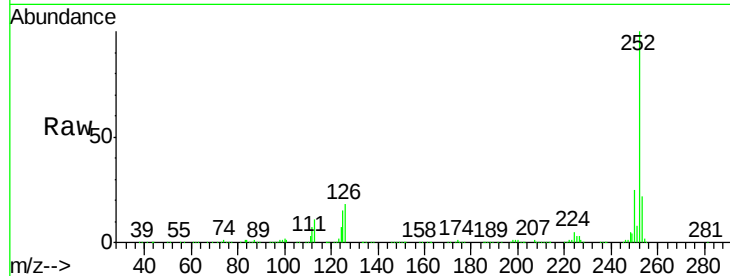




#89
Benzo(a)pyrene
Concen: 39.823 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

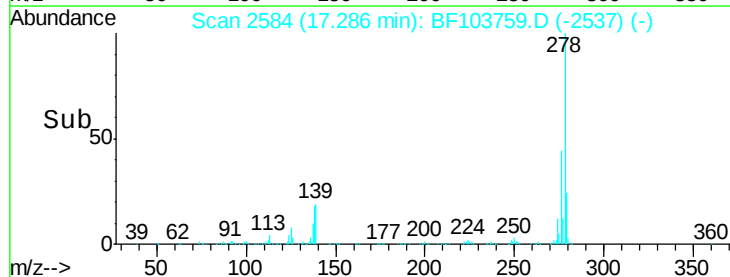
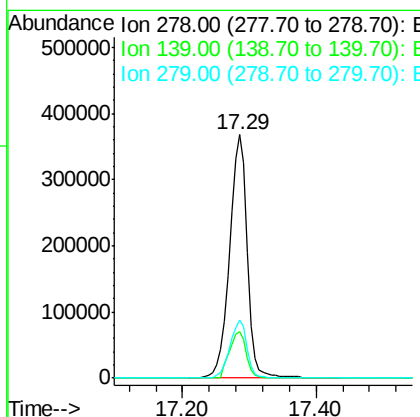
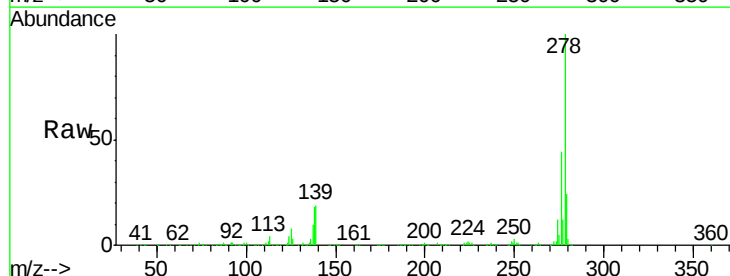
Instrument :
BNA_F
ClientSampleId :

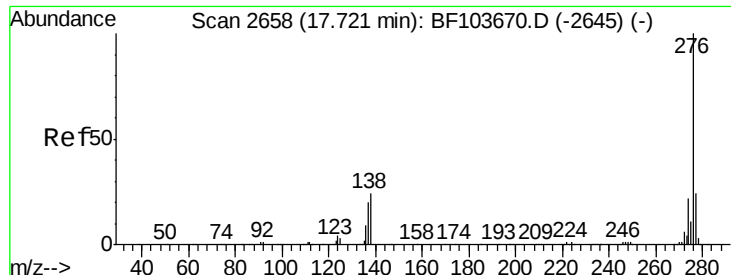
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.6	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.419 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.02 min
Lab File: BF103759.D
Acq: 19 Mar 2018 16:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.9	23.9
279	23.8	19.0	28.4

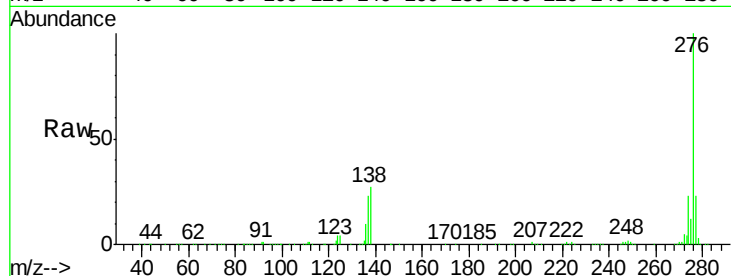




#91
 Benzo(a,h,i)perylene
 Concen: 38.934 ng
 RT: 17.74 min Scan# 2662
 Delta R.T. -0.03 min
 Lab File: BF103759.D
 Acq: 19 Mar 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	26.7	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

