

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103971.D
 Acq On : 27 Mar 2018 15:58
 Operator : JU/SJ
 Sample : PB107636BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 03:50:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132776	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	556091	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	270456	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	499696	20.00	ng	0.00
75) Chrysene-d12	14.16	240	396449	20.00	ng	0.00
86) Perylene-d12	15.70	264	366546	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	959391	109.90	ng	0.02
7) Phenol-d6	6.61	99	1136198	106.39	ng	0.01
23) Nitrobenzene-d5	7.54	82	693964	87.03	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	326146	140.25	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1336265	78.81	ng	0.00
78) Terphenyl-d14	13.09	244	1341821	78.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	129211	30.060	ng	# 88
3) Pyridine	3.70	79	340768	28.822	ng	87
4) n-Nitrosodimethylamine	3.66	42	129865	29.790	ng	# 70
6) Aniline	6.65	93	256727	16.834	ng	96
8) 2-Chlorophenol	6.76	128	371288	40.601	ng	95
9) Benzaldehyde	6.53	77	80757	11.510	ng	93
10) Phenol	6.62	94	440197	38.788	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	346191	36.952	ng	95
12) 1,3-Dichlorobenzene	6.91	146	381716	36.649	ng	98
13) 1,4-Dichlorobenzene	6.99	146	384679	36.755	ng	99
14) 1,2-Dichlorobenzene	7.14	146	357464	36.807	ng	99
15) Benzyl Alcohol	7.12	79	300039	36.259	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	419446	31.478	ng	80
17) 2-Methylphenol	7.22	107	307996	37.821	ng	97
18) Hexachloroethane	7.48	117	139083	37.779	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	233291	34.085	ng	92
20) 3+4-Methylphenols	7.37	107	367418	35.551	ng	# 73
22) Acetophenone	7.38	105	472646	33.071	ng	# 98
24) Nitrobenzene	7.56	77	368274	39.338	ng	93
25) Isophorone	7.79	82	691800	37.476	ng	99
26) 2-Nitrophenol	7.87	139	204764	55.621	ng	93
27) 2,4-Dimethylphenol	7.90	122	344469	43.558	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	445921	39.892	ng	100
29) 2,4-Dichlorophenol	8.11	162	313687	43.599	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	314853	37.730	ng	99
31) Naphthalene	8.27	128	1048503	37.325	ng	100
32) Benzoic acid	8.04	122	234312	43.231	ng	94
33) 4-Chloroaniline	8.33	127	146489	12.430	ng	96
34) Hexachlorobutadiene	8.38	225	169802	37.113	ng	97
35) Caprolactam	8.70	113	54771	22.108	ng	# 78
36) 4-Chloro-3-methylphenol	8.81	107	340354	42.911	ng	99
37) 2-Methylnaphthalene	8.97	142	702706	39.447	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	296621	38.443	ng	98
40) Hexachlorocyclopentadiene	9.12	237	312405	78.467	ng	97

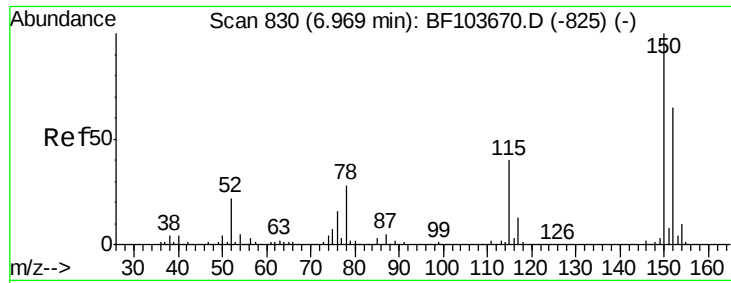
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	219630	44.502	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	240442	43.165	ng	96
45) 1,1'-Biphenyl	9.43	154	830842	36.841	ng	100
46) 2-Chloronaphthalene	9.46	162	669228	37.361	ng	99
47) 2-Nitroaniline	9.56	65	201647	43.738	ng	97
48) Acenaphthylene	9.87	152	1006661	36.242	ng	99
49) Dimethylphthalate	9.73	163	795184	38.537	ng	99
50) 2,6-Dinitrotoluene	9.80	165	182660	45.947	ng	# 87
51) Acenaphthene	10.05	154	589656	35.752	ng	99
52) 3-Nitroaniline	9.97	138	112322	25.428	ng	92
53) 2,4-Dinitrophenol	10.08	184	176479	110.513	ng	# 18
54) Dibenzofuran	10.22	168	907261	38.516	ng	100
55) 4-Nitrophenol	10.15	139	304601	80.590	ng	95
56) 2,4-Dinitrotoluene	10.20	165	237415	47.084	ng	# 93
57) Fluorene	10.56	166	717806	39.271	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	194857	49.368	ng	91
59) Diethylphthalate	10.43	149	790565	38.602	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	335050	40.109	ng	97
61) 4-Nitroaniline	10.60	138	193688	42.531	ng	90
62) Azobenzene	10.71	77	720119	34.585	ng	95
64) 4,6-Dinitro-2-methylphenol	10.62	198	115040	57.277	ng	79
65) n-Nitrosodiphenylamine	10.67	169	642254	37.760	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	207151	40.376	ng	# 89
67) Hexachlorobenzene	11.11	284	227307	38.818	ng	93
68) Atrazine	11.20	200	210037	39.919	ng	99
69) Pentachlorophenol	11.31	266	246356	73.178	ng	96
70) Phenanthrene	11.53	178	1025464	37.515	ng	99
71) Anthracene	11.59	178	1065556	38.381	ng	99
72) Carbazole	11.74	167	979805	36.311	ng	100
73) Di-n-butylphthalate	12.05	149	1215442	37.540	ng	100
74) Fluoranthene	12.73	202	1074171	38.144	ng	97
76) Benzidine	12.84	184	225208	13.319	ng	97
77) Pyrene	12.96	202	1082921	37.195	ng	100
79) Butylbenzylphthalate	13.56	149	517208	40.095	ng	98
80) Benzo(a)anthracene	14.15	228	974905	38.848	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	188460	22.451	ng	98
82) Chrysene	14.19	228	913229	38.175	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	681980	37.008	ng	99
84) Di-n-octyl phthalate	14.74	149	1187734	44.303	ng	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	807877	38.671	ng	96
87) Benzo(b)fluoranthene	15.25	252	904310	39.050	ng	99
88) Benzo(k)fluoranthene	15.28	252	846518	38.028	ng	99
89) Benzo(a)pyrene	15.64	252	822942	39.180	ng	99
90) Dibenzo(a,h)anthracene	17.31	278	663716	36.493	ng	98
91) Benzo(g,h,i)perylene	17.78	276	658722	37.230	ng	96

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

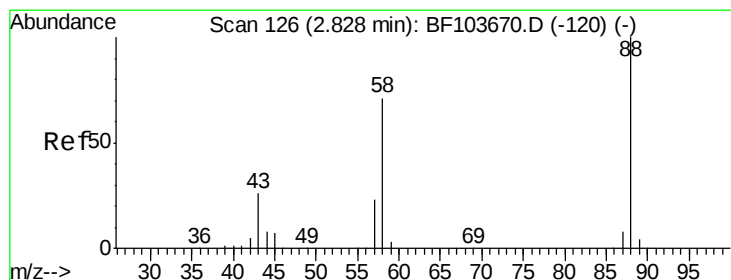
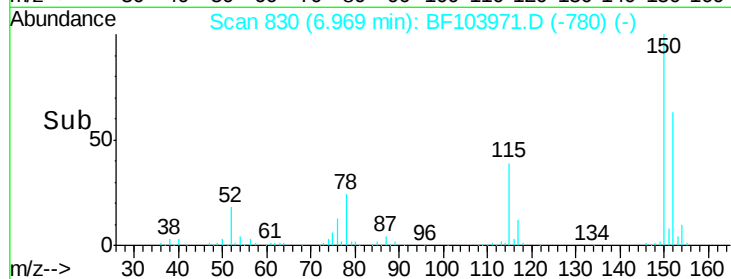
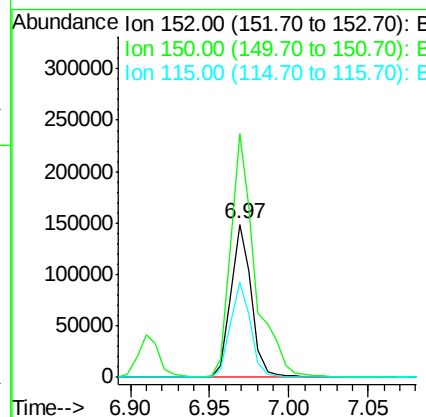
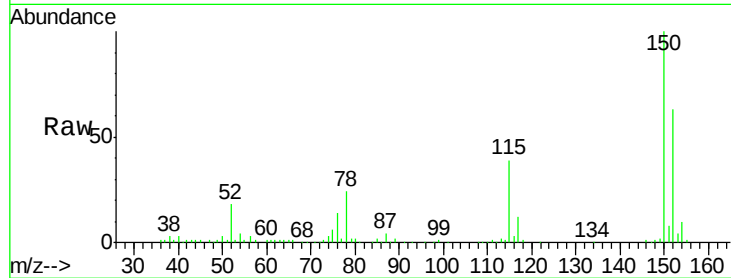


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :

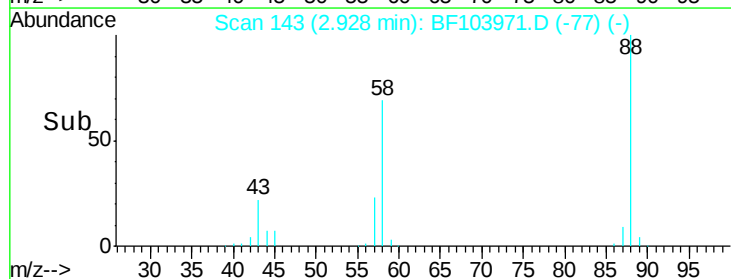
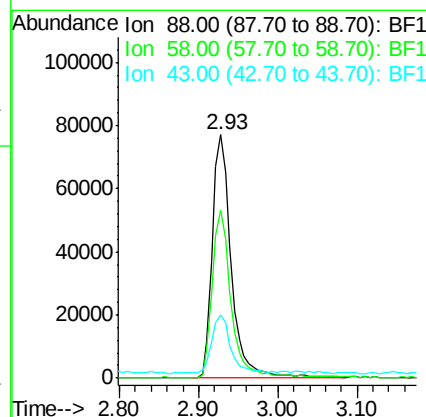
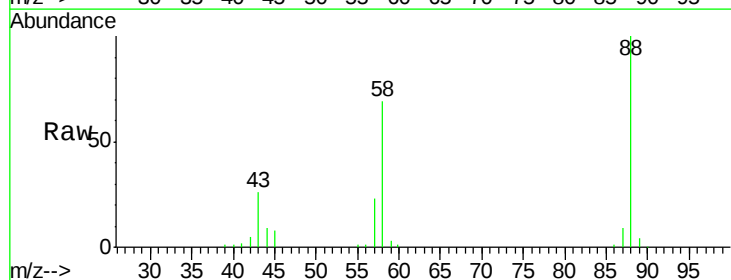
Tot Ion:152 Resp: 132776
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.2 50.1 75.1

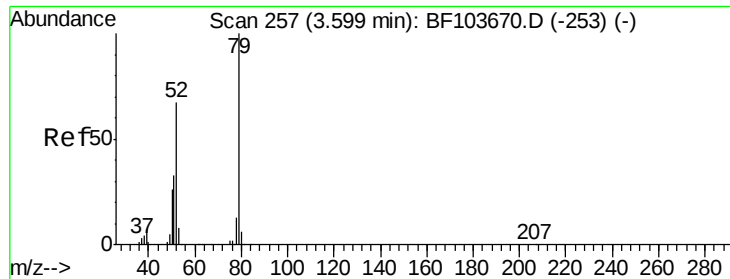


#2

1,4-Dioxane
Concen: 30.060 ng
RT: 2.93 min Scan# 143
Delta R.T. 0.09 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion: 88 Resp: 129211
Ion Ratio Lower Upper
88 100
58 68.4 62.6 93.8
43 23.4 24.6 37.0#





#3

Pvridine

Concen: 28.822 ng

RT: 3.70 min Scan# 275

Delta R.T. 0.09 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

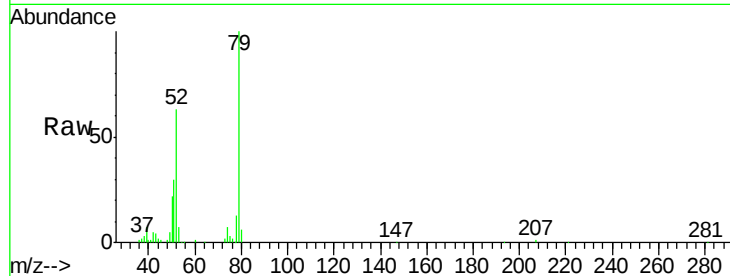
Tot Ion: 79 Resp: 340768

Ion Ratio Lower Upper

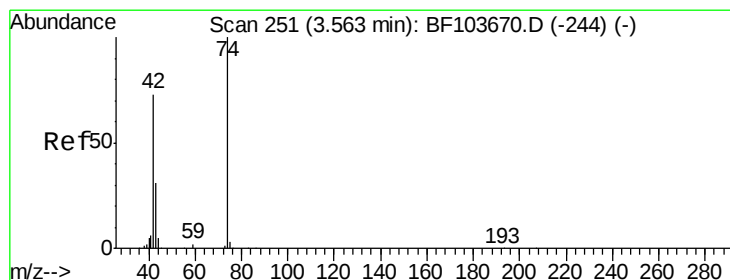
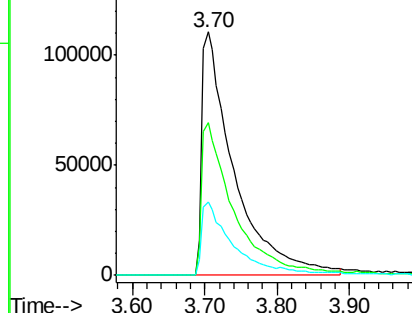
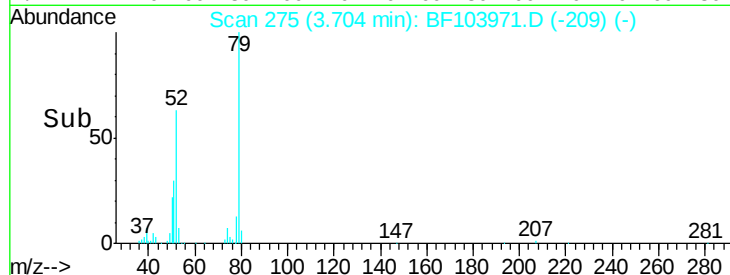
79 100

52 62.8 59.8 89.6

51 30.4 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: 29.790 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

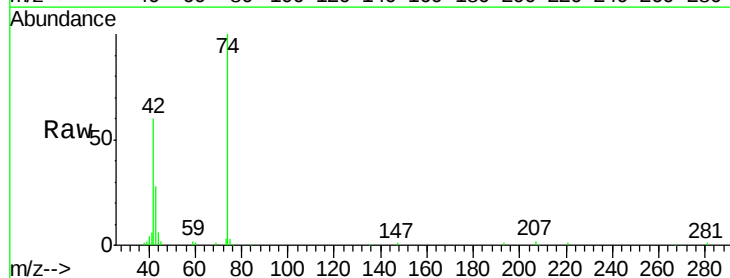
Tgt Ion: 42 Resp: 129865

Ion Ratio Lower Upper

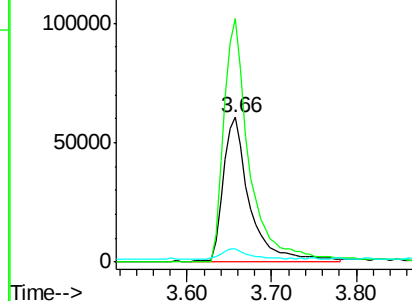
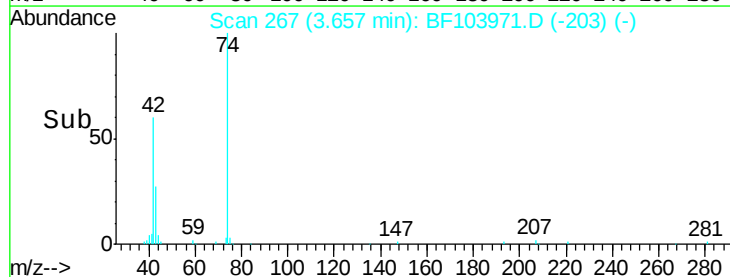
42 100

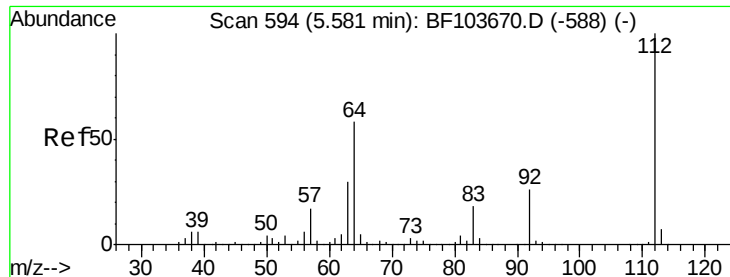
74 167.9 104.9 157.3#

44 9.5 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: 109.901 ng

RT: 5.62 min Scan# 600

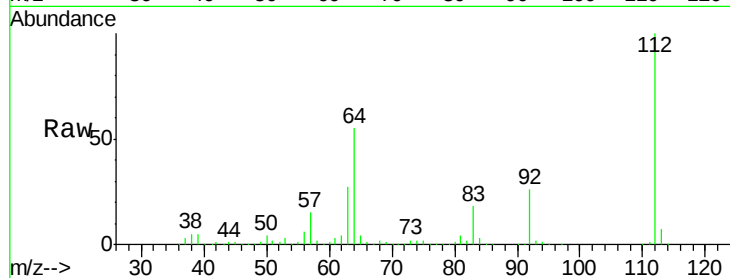
Delta R.T. 0.02 min

Lab File: BF103971.D

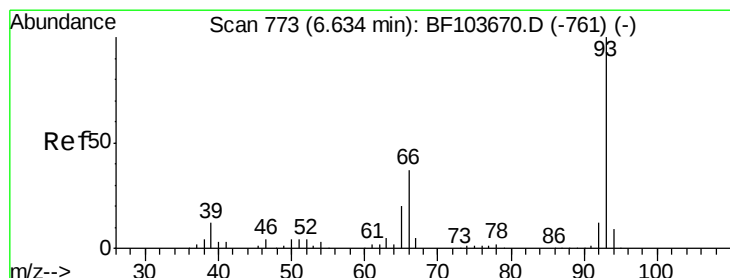
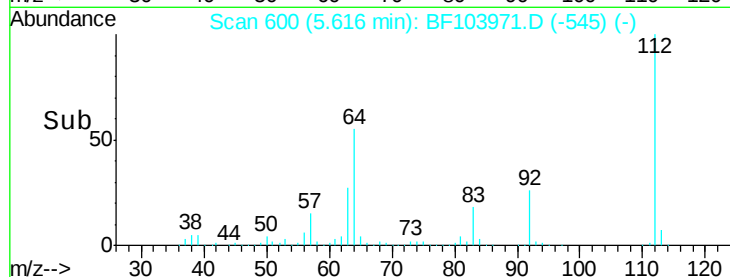
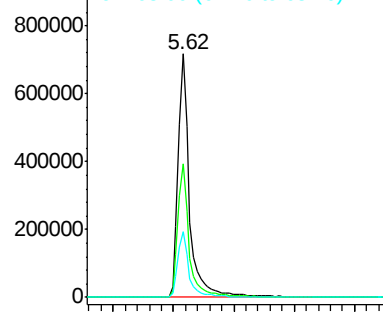
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	959391
Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	26.8	23.7	35.5



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



#6

Aniline

Concen: 16.834 ng

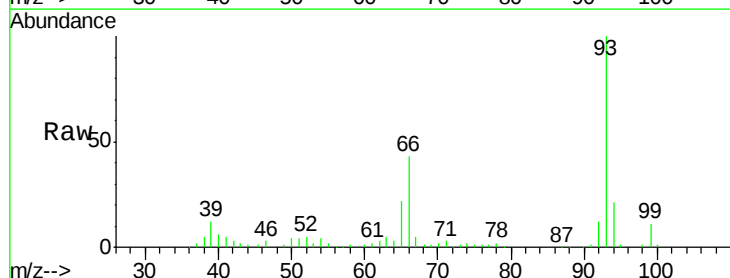
RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

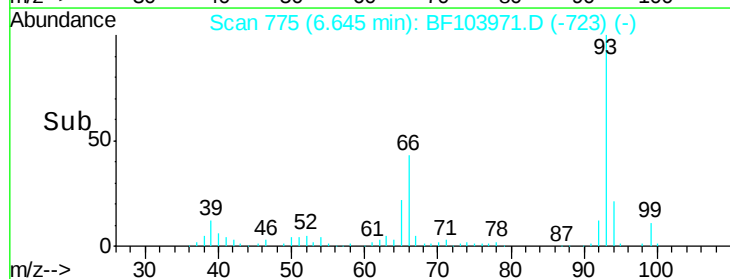
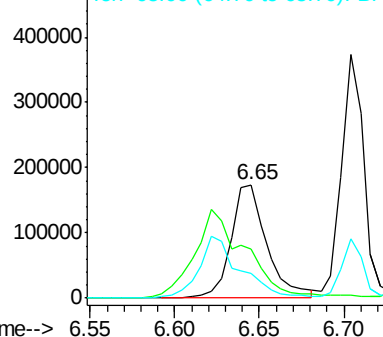
Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:	93	Resp:	256727
Ion	Ratio	Lower	Upper
93	100		
66	42.8	32.2	48.2
65	21.6	16.4	24.6



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





#7

Phenol-d6

Concen: 106.386 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampled :

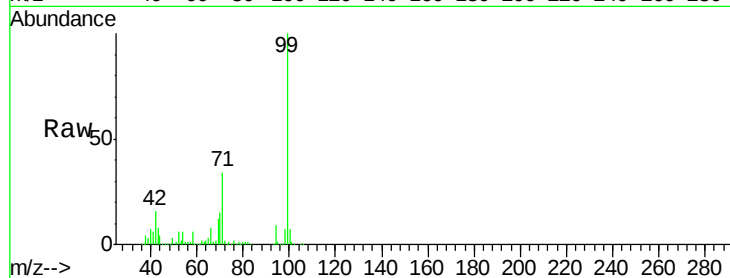
Tot Ion: 99 Resp: 1136198

Ion Ratio Lower Upper

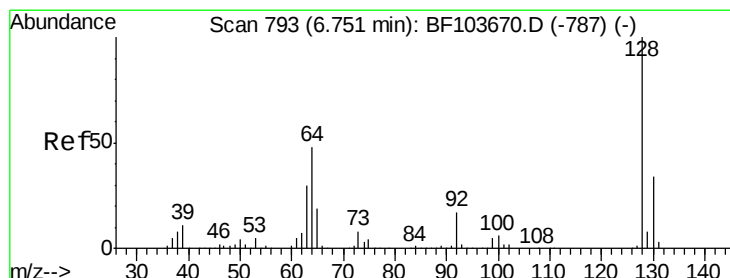
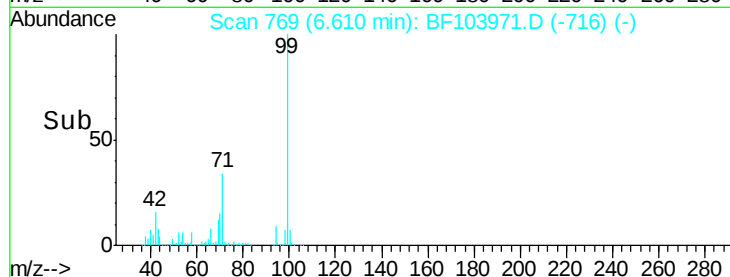
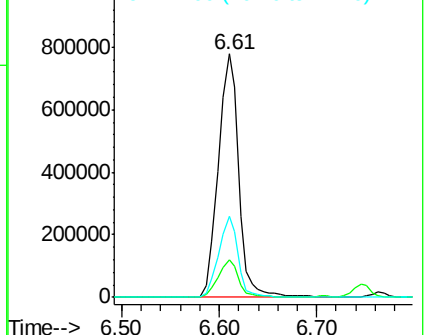
99 100

42 15.6 14.5 21.7

71 33.5 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: 40.601 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

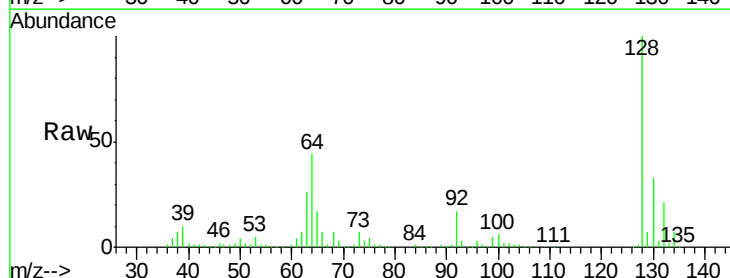
Tgt Ion: 128 Resp: 371288

Ion Ratio Lower Upper

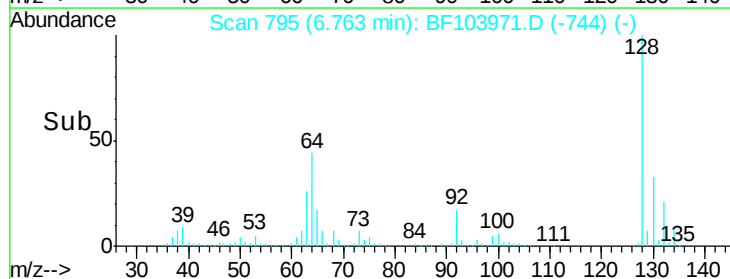
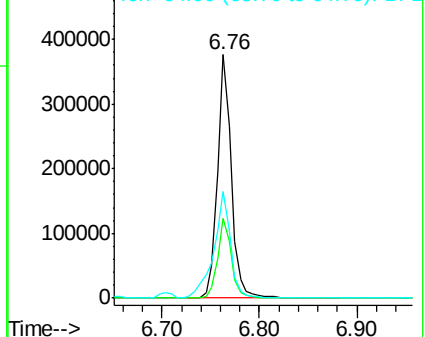
128 100

130 32.7 13.0 53.0

64 44.1 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: 11.510 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampled :

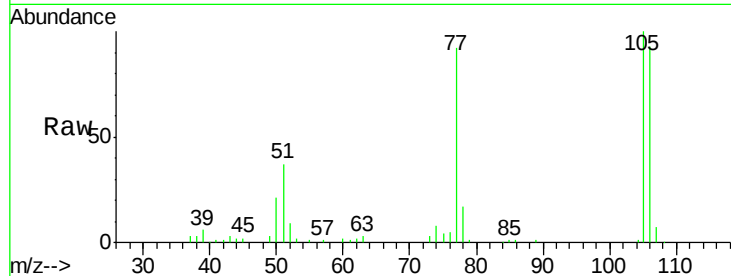
Tot Ion: 77 Resp: 80757

Ion Ratio Lower Upper

77 100

105 108.6 81.1 121.1

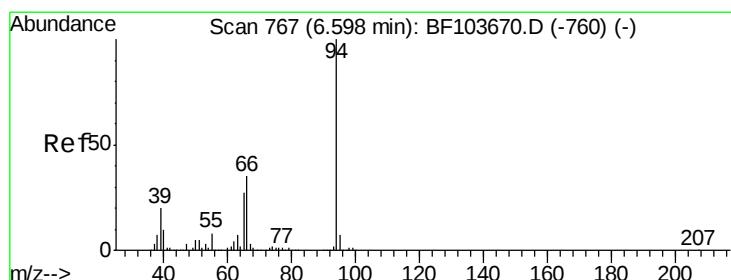
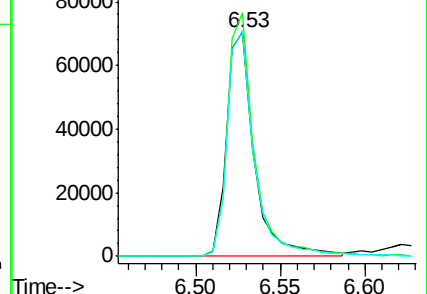
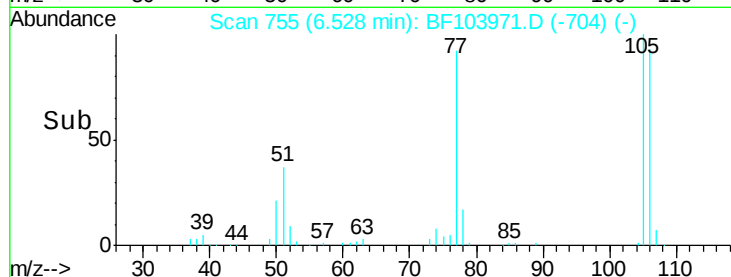
106 100.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.788 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

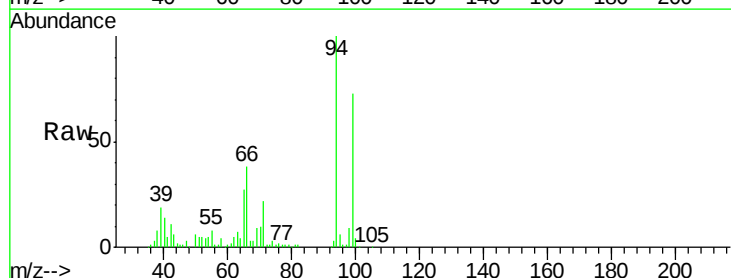
Tgt Ion: 94 Resp: 440197

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

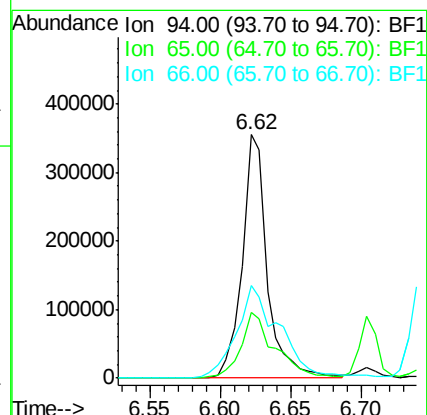
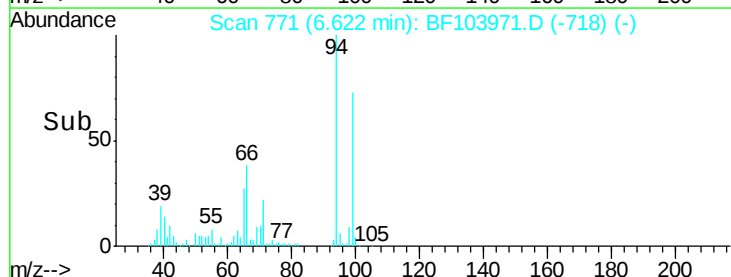
66 38.1 16.2 56.2

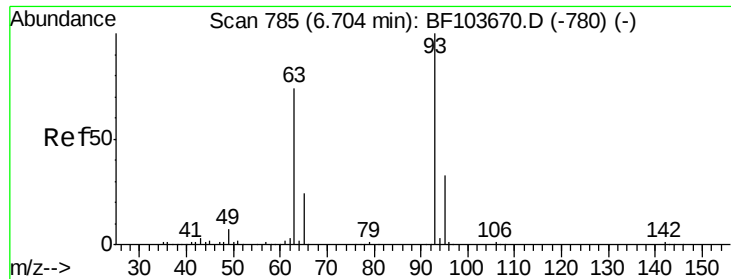


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.952 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

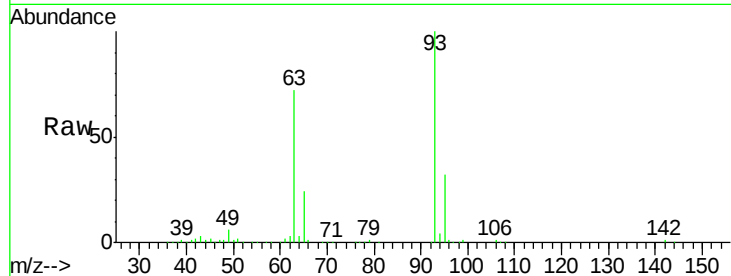
Tot Ion: 93 Resp: 346191

Ion Ratio Lower Upper

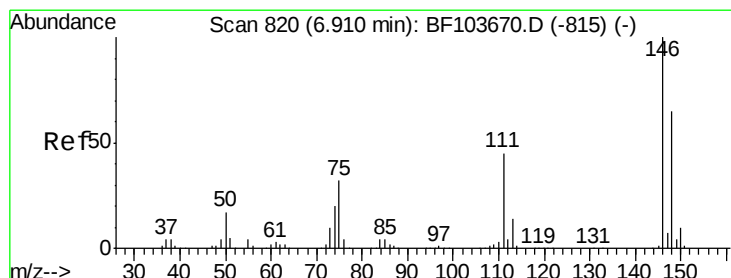
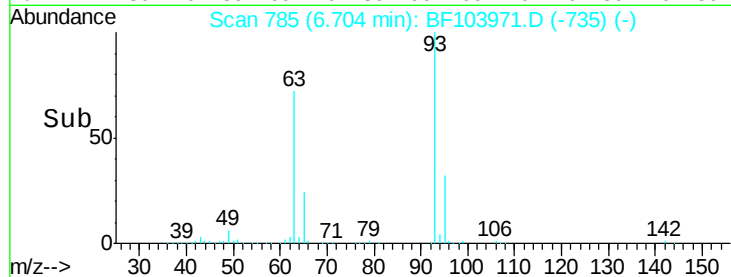
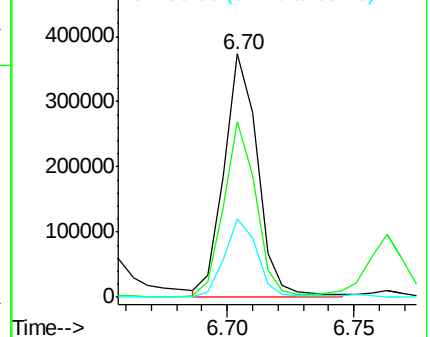
93 100

63 72.2 58.6 98.6

95 32.1 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: 36.649 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

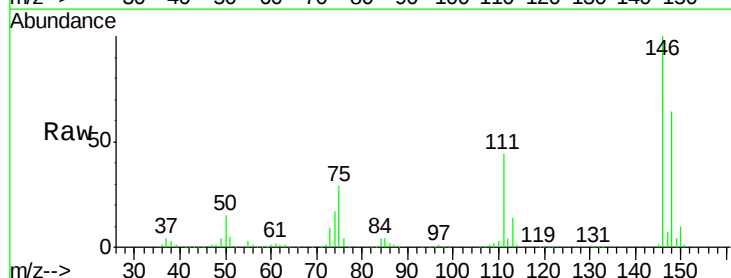
Tgt Ion: 146 Resp: 381716

Ion Ratio Lower Upper

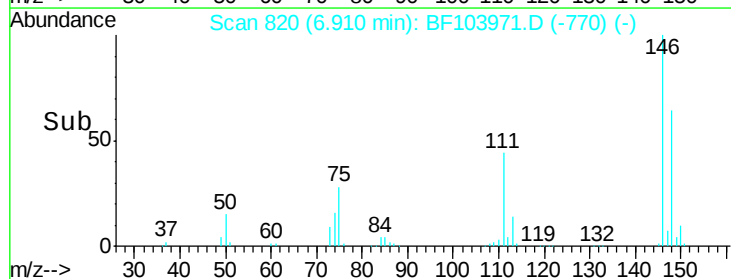
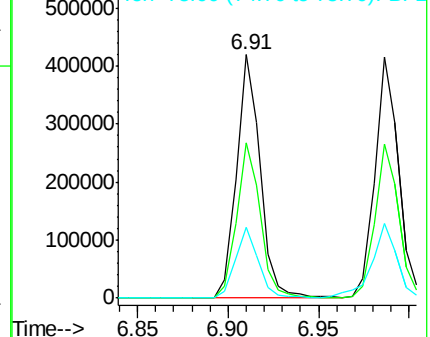
146 100

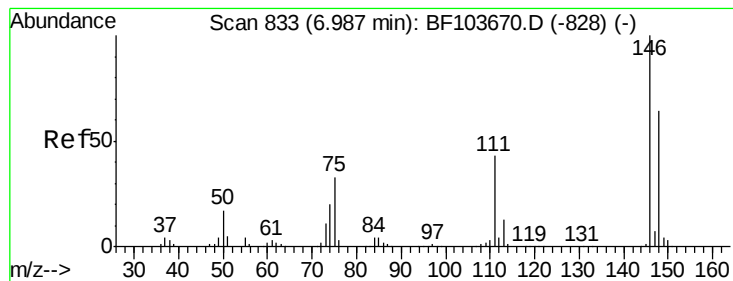
148 63.5 51.8 77.8

75 29.1 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: 36.755 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampled :

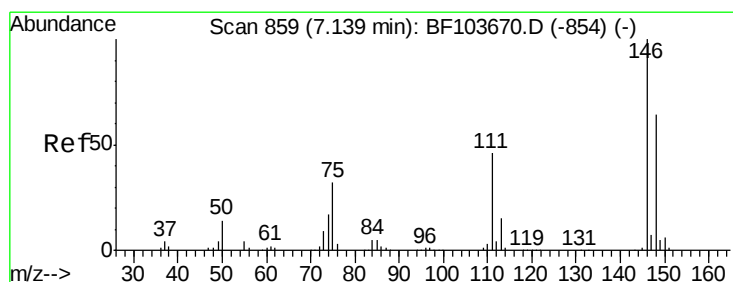
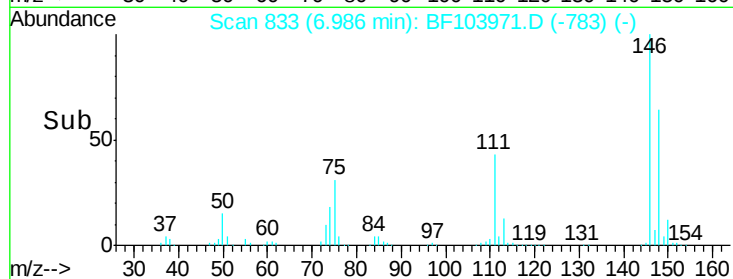
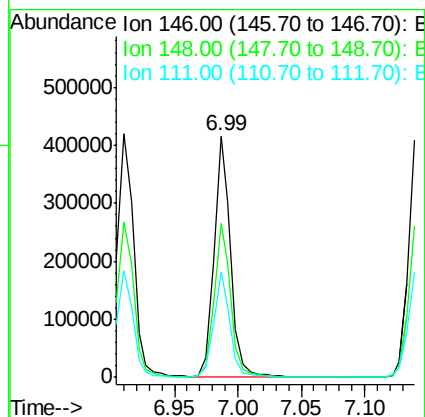
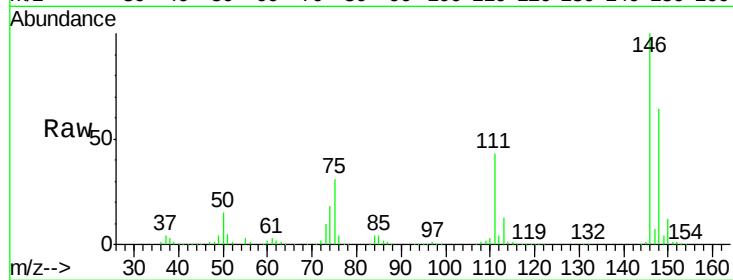
Tot Ion:146 Resp: 384679

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

111 43.5 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 36.807 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

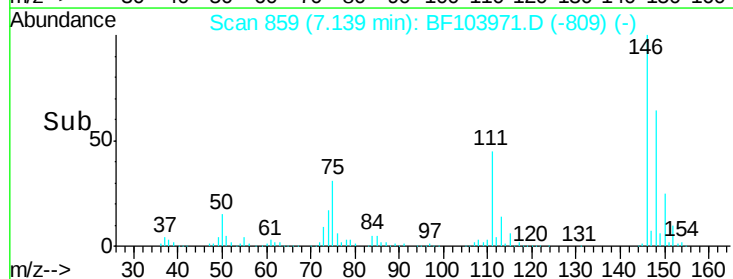
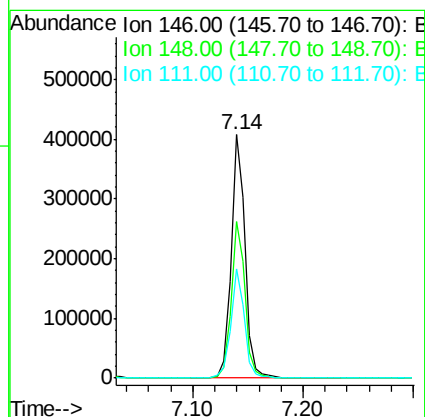
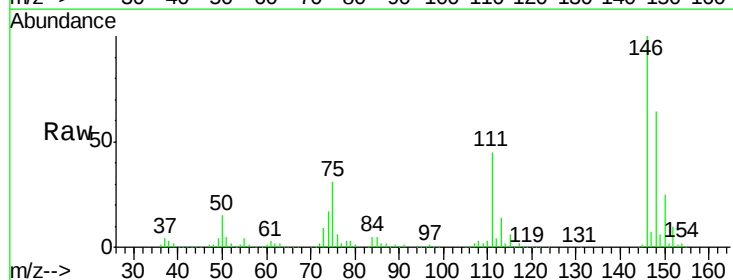
Tgt Ion:146 Resp: 357464

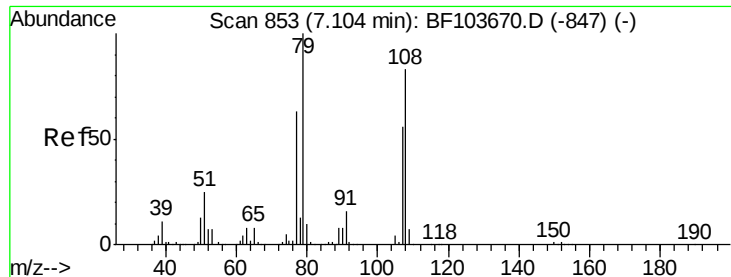
Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

111 44.7 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.259 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

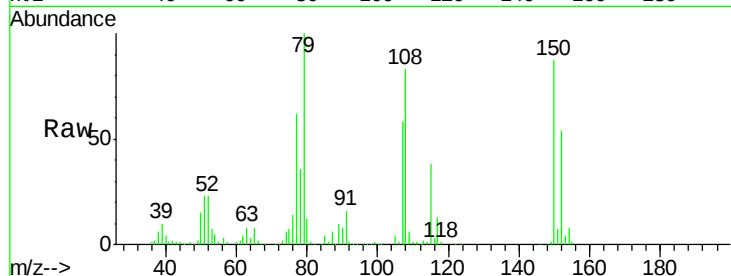
Tot Ion: 79 Resp: 300039

Ion Ratio Lower Upper

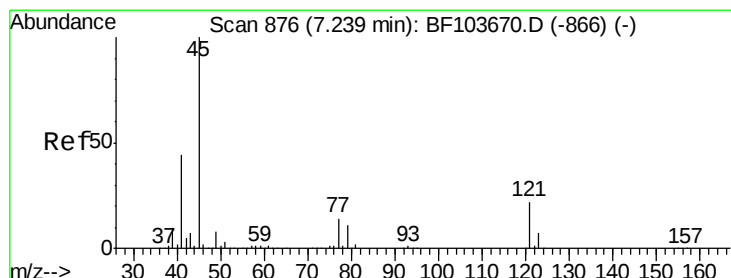
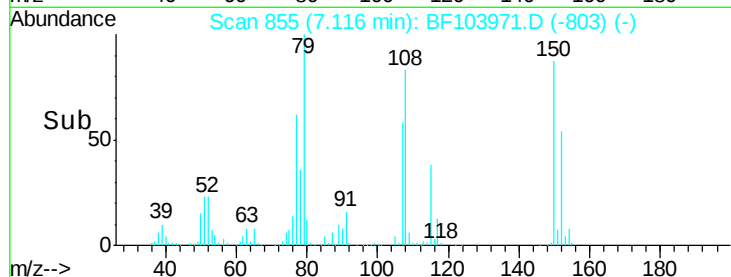
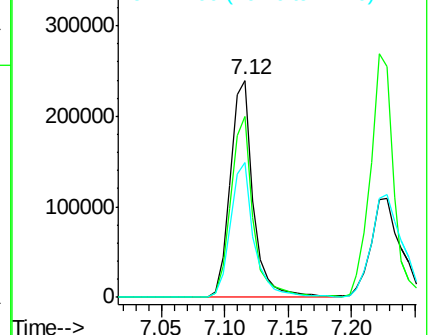
79 100

108 83.5 65.1 97.7

77 62.1 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.478 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

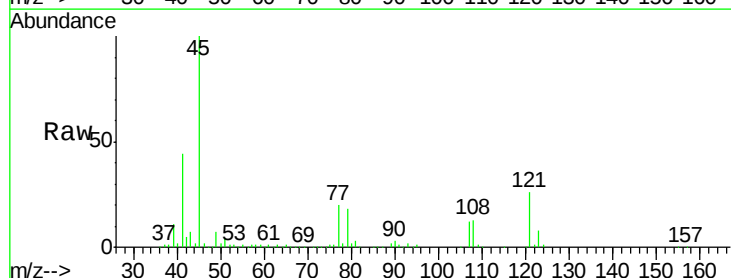
Tgt Ion: 45 Resp: 419446

Ion Ratio Lower Upper

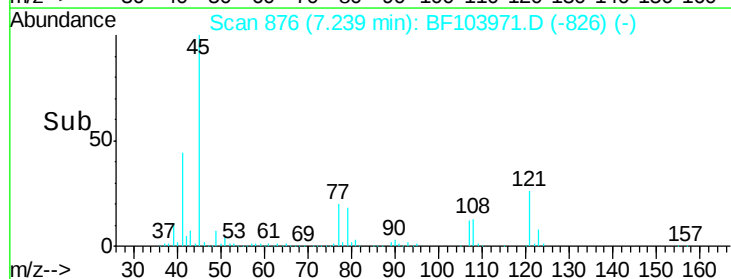
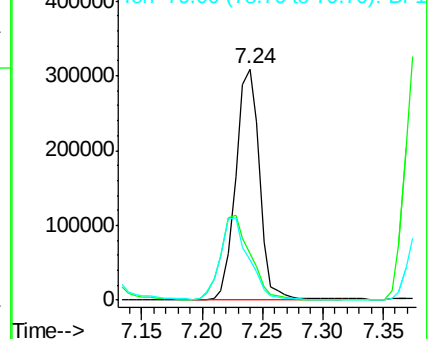
45 100

77 20.2 0.0 32.9

79 17.6 0.0 29.6



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

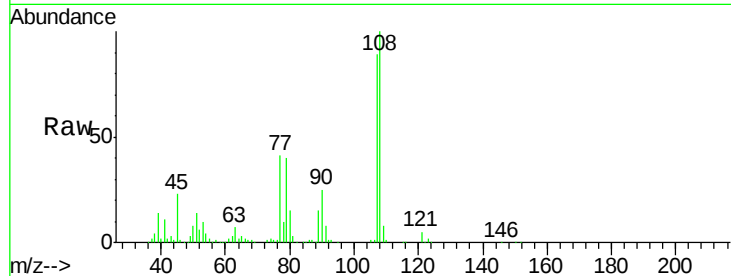




#17
2-Methylphenol
Concen: 37.821 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.7	137.5
77	46.0	33.8	50.8
79	45.2	33.8	50.8



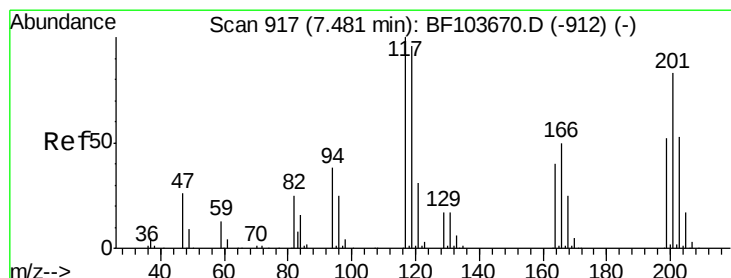
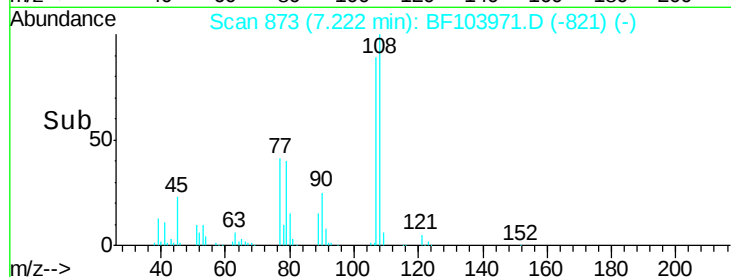
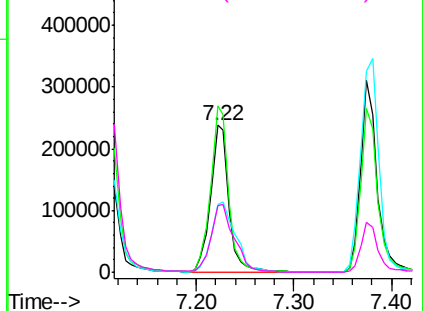
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

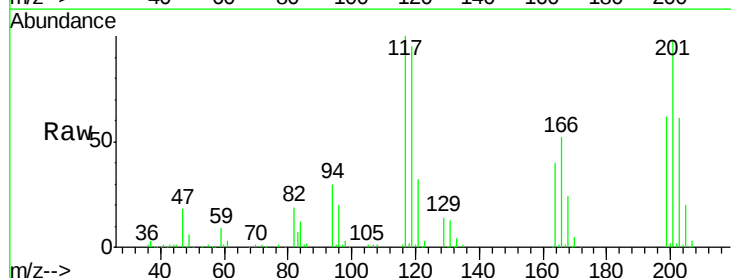
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.779 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.8	113.8
201	97.8	75.7	113.5

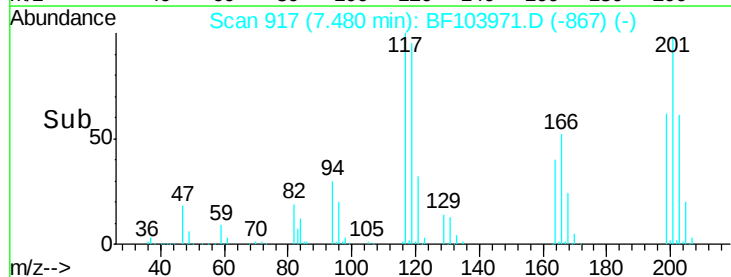
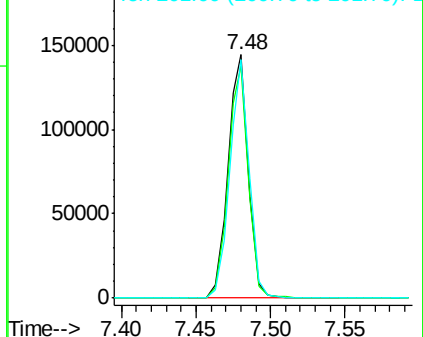


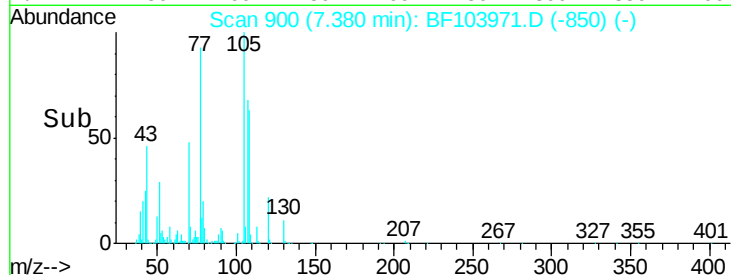
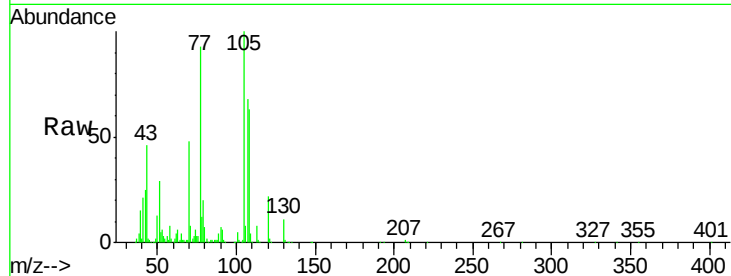
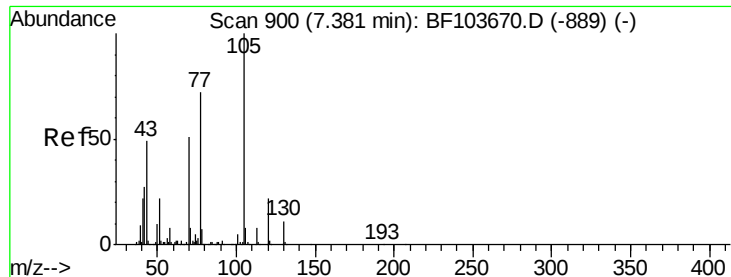
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

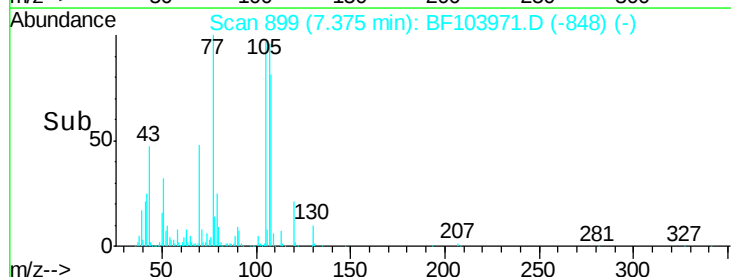
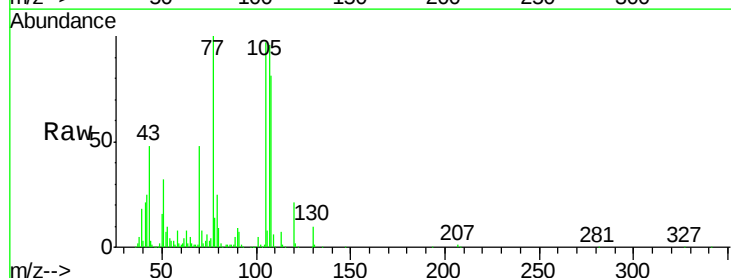
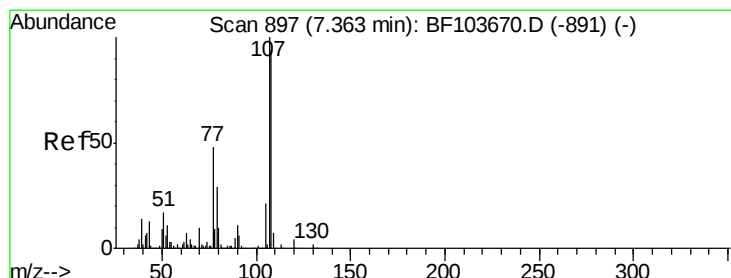
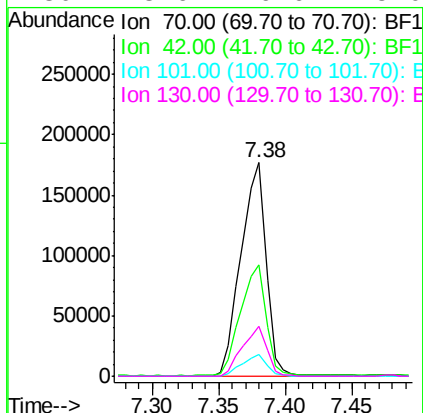




#19
n-Nitroso-di-n-propylamine
Concen: 34.085 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

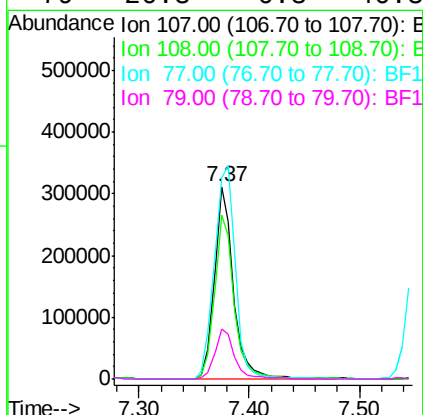
Instrument :
BNA_F
ClientSampleId :

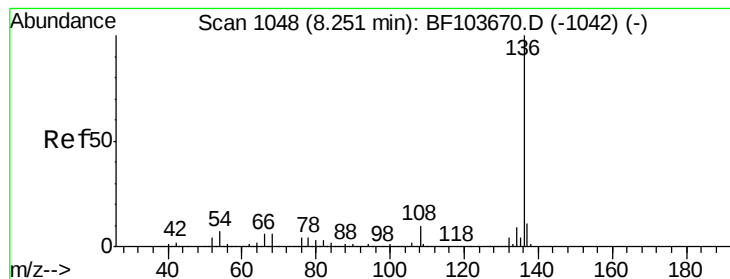
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	10.4	7.4	11.2
130	23.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.551 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.2	108.2
77	104.6	26.7	66.7#
79	26.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 556091

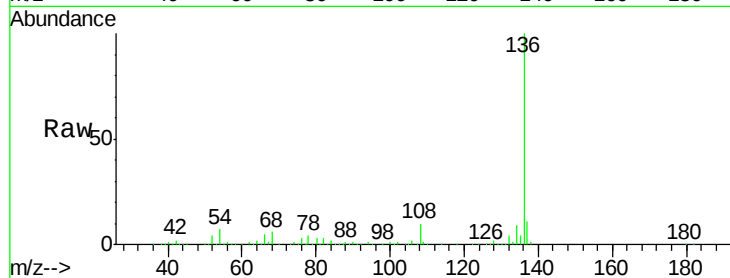
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 6.5 5.0 7.4

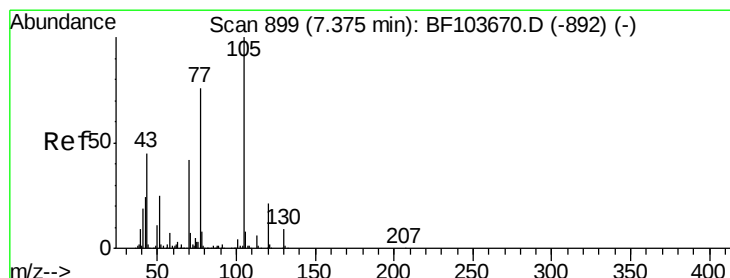
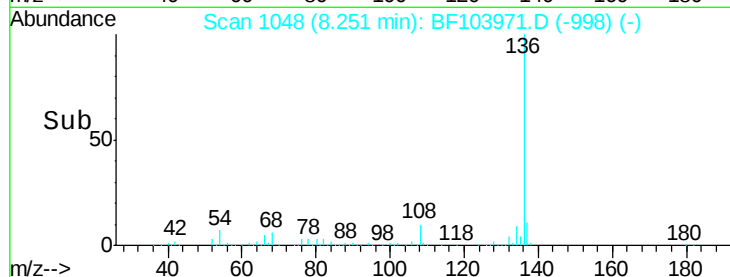
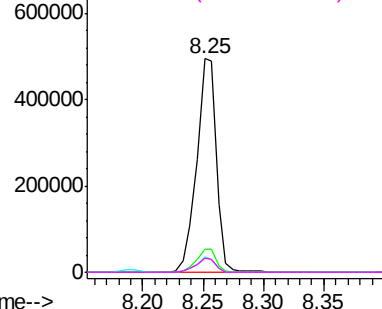


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.071 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion:105 Resp: 472646

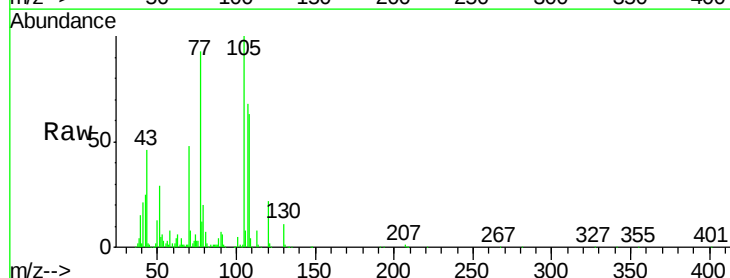
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 28.7 22.3 33.5

120 22.1 16.9 25.3

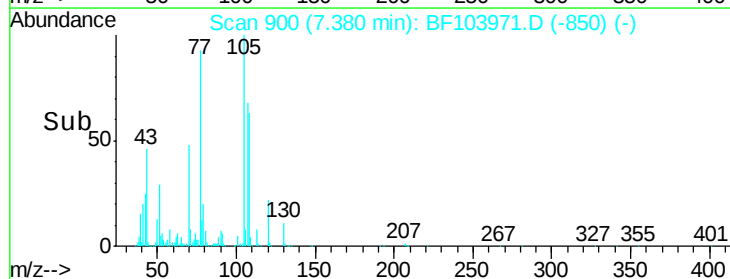
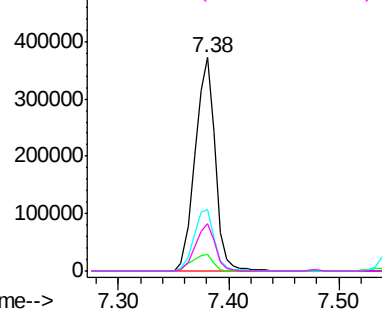


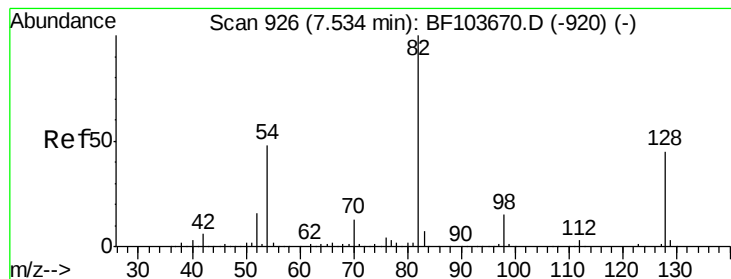
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.026 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

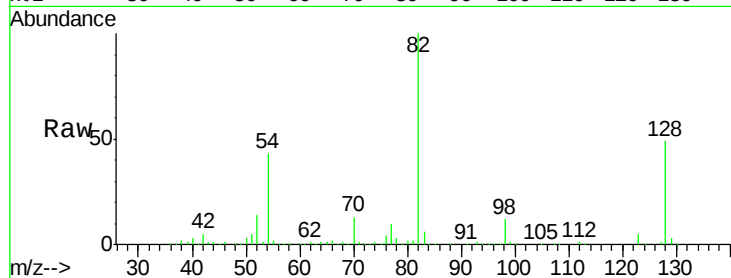
Tot Ion: 82 Resp: 693964

Ion Ratio Lower Upper

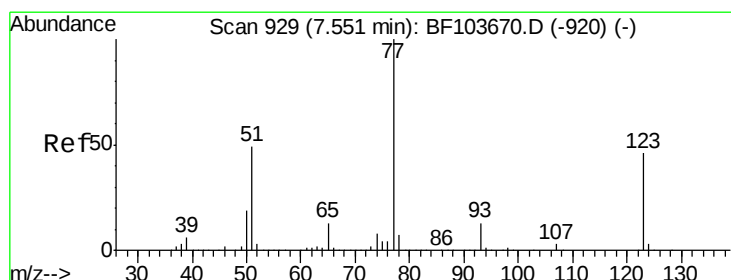
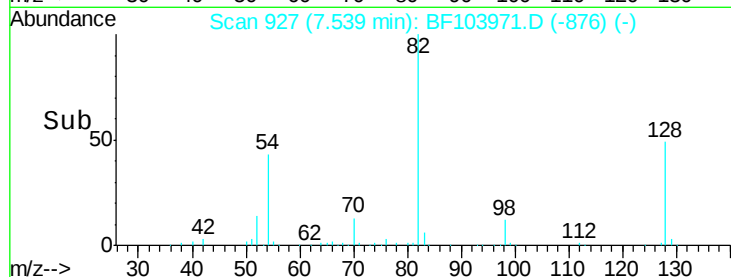
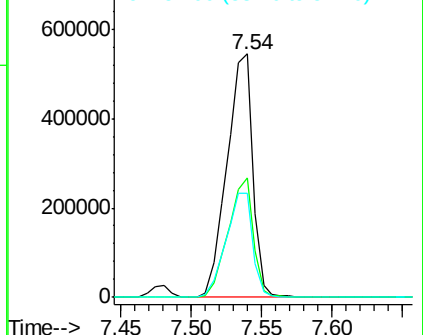
82 100

128 49.1 36.1 54.1

54 43.0 41.4 62.2



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



#24

Nitrobenzene

Concen: 39.338 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

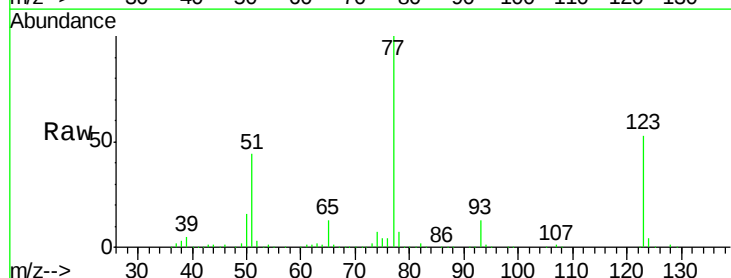
Tgt Ion: 77 Resp: 368274

Ion Ratio Lower Upper

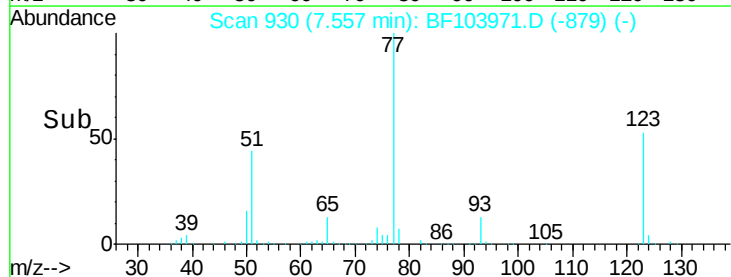
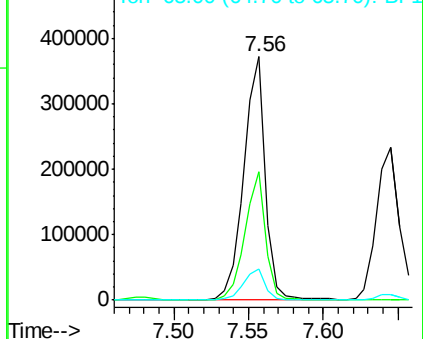
77 100

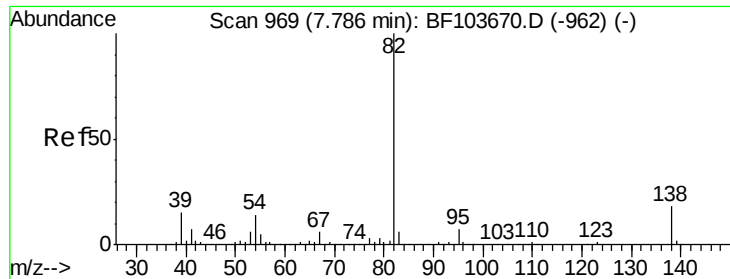
123 52.7 37.9 56.9

65 12.8 11.0 16.4



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





#25

Isophorone

Concen: 37.476 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

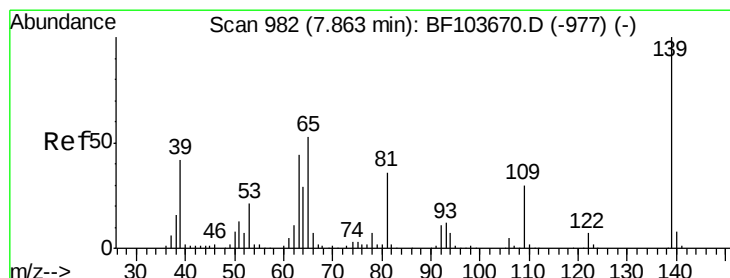
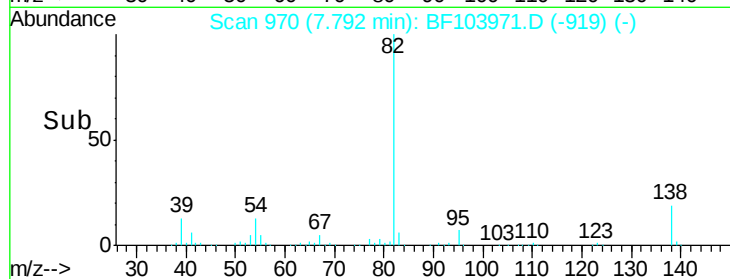
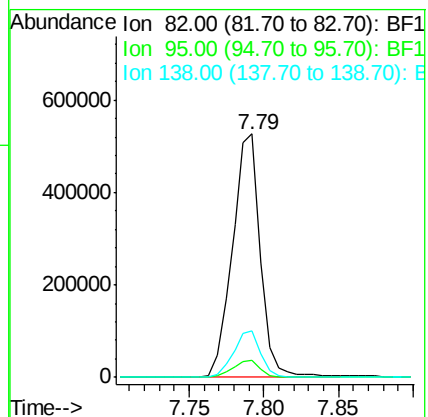
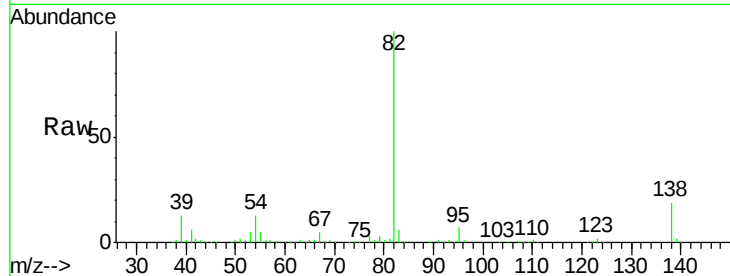
Tot Ion: 82 Resp: 691800

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.4 14.9 22.3



#26

2-Nitrophenol

Concen: 55.621 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

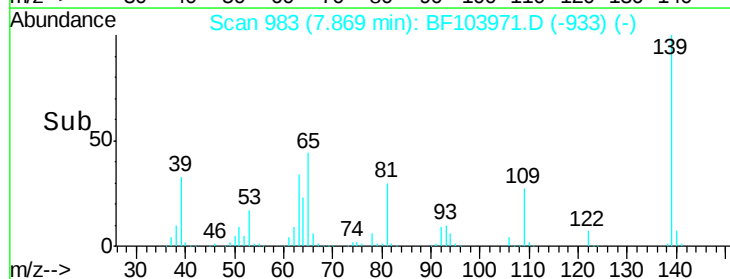
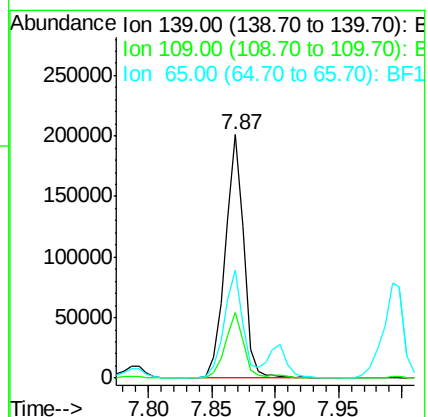
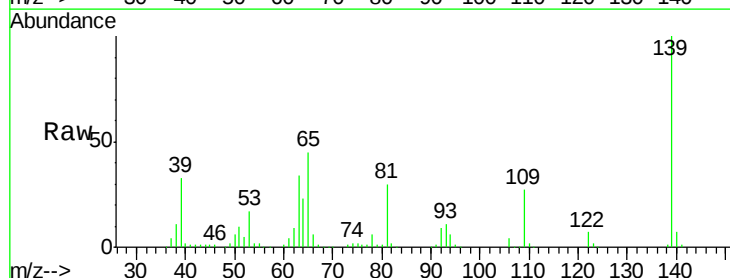
Tgt Ion: 139 Resp: 204764

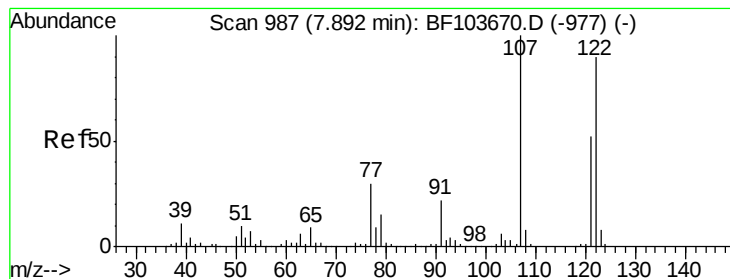
Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

65 44.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.558 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

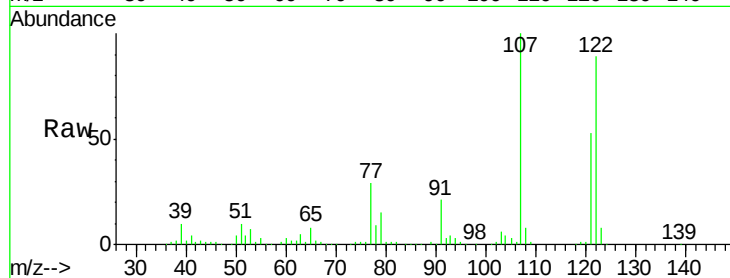
Tot Ion:122 Resp: 344469

Ion Ratio Lower Upper

122 100

107 112.2 91.2 136.8

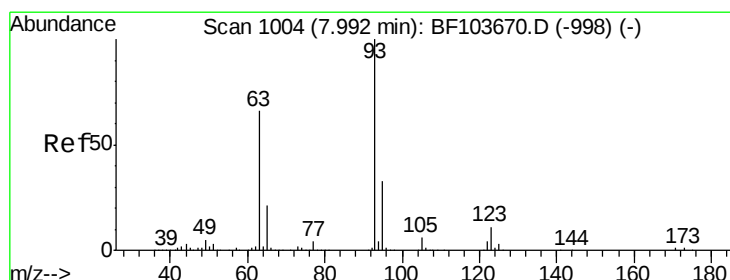
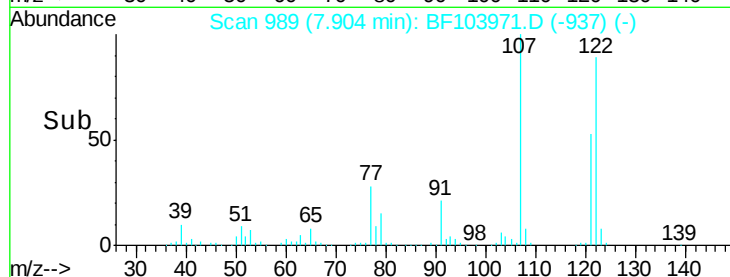
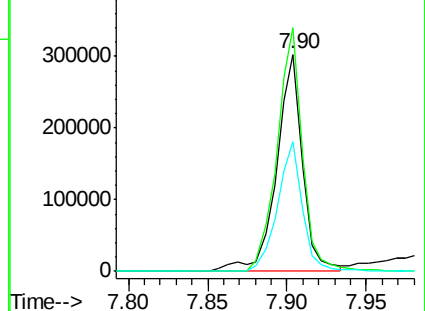
121 59.8 47.2 70.8



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: 39.892 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

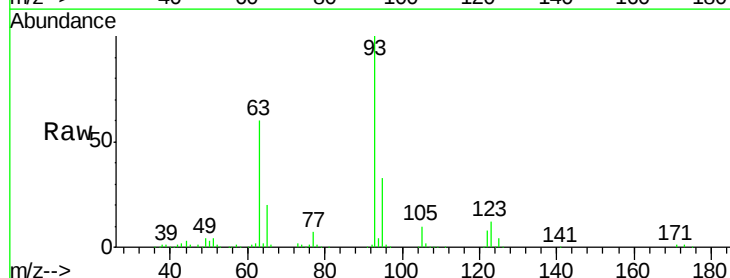
Tgt Ion: 93 Resp: 445921

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

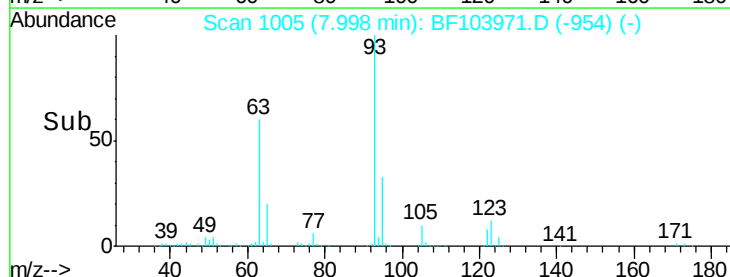
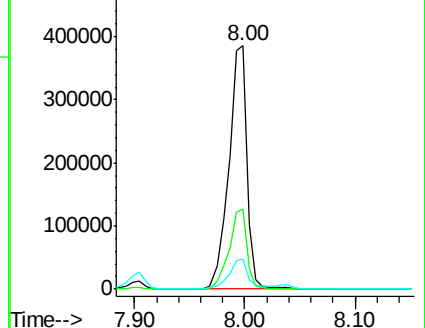
123 12.0 9.8 14.6

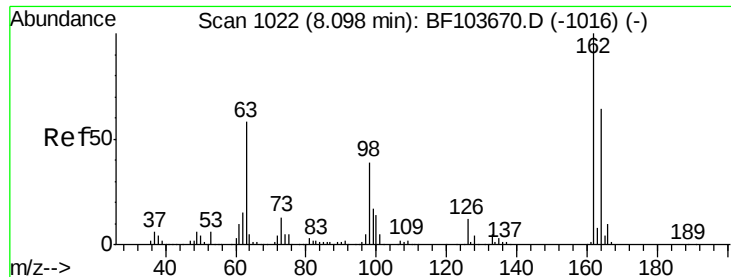


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

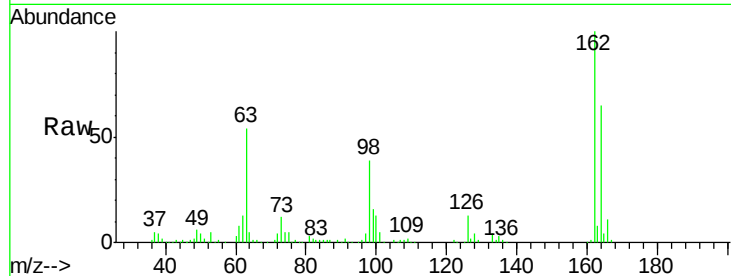




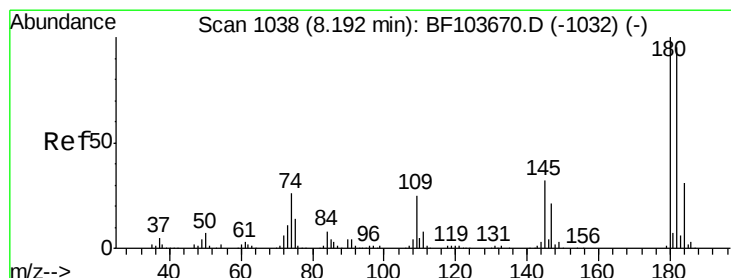
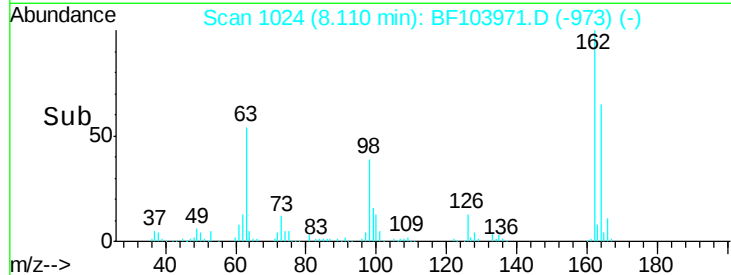
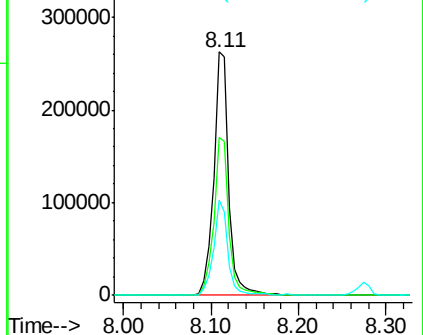
#29
2,4-Dichlorophenol
Concen: 43.599 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.7	82.7
98	39.2	18.1	58.1

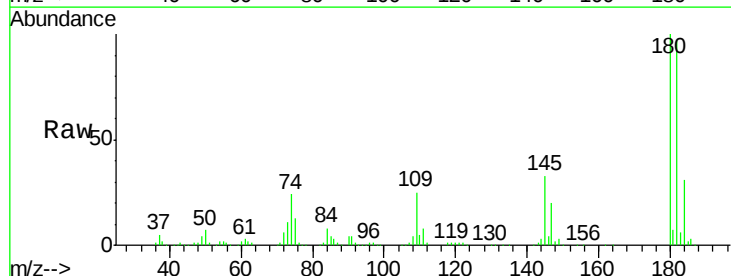


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

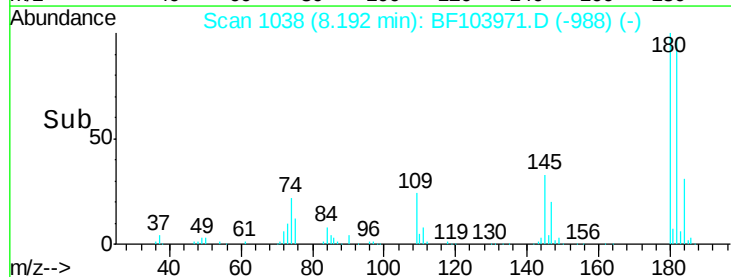
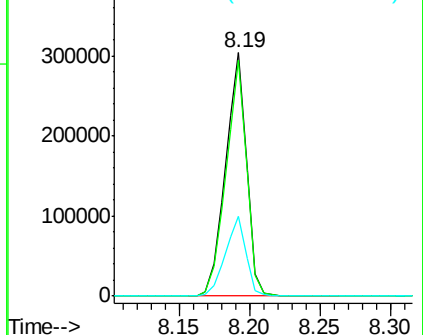


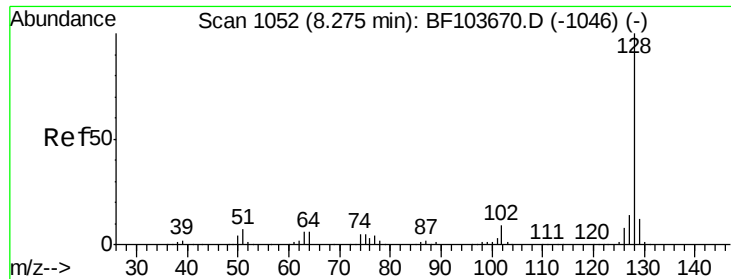
#30
1,2,4-Trichlorobenzene
Concen: 37.730 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.8	115.2
145	32.6	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

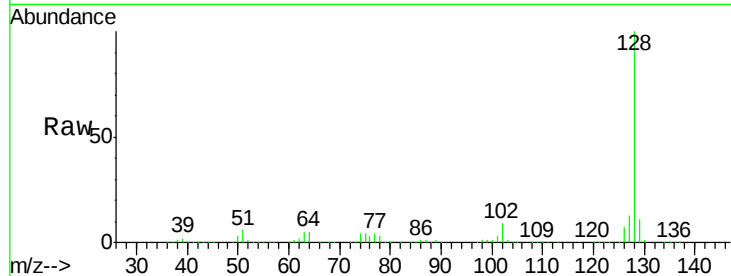




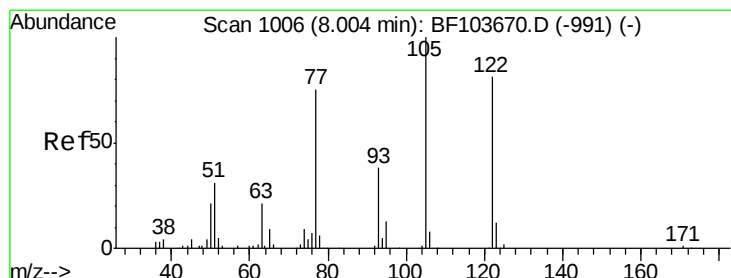
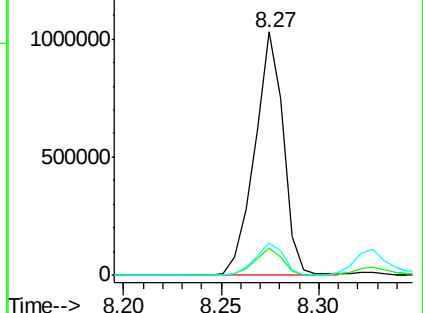
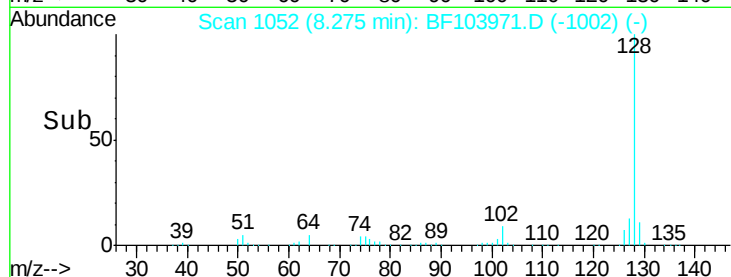
#31
Naphthalene
Concen: 37.325 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1048503
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3

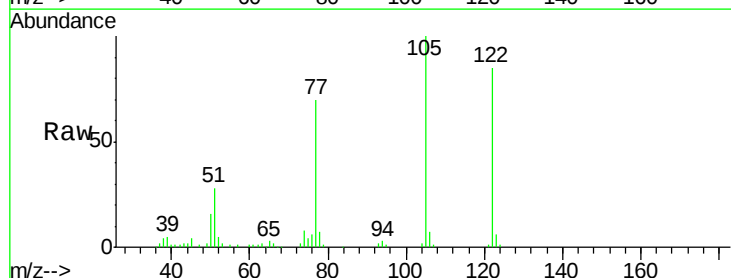


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

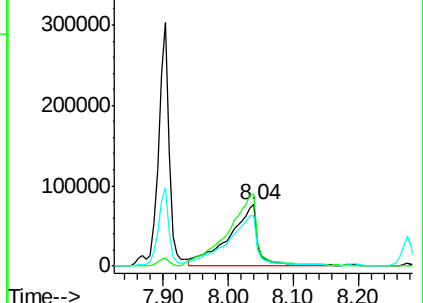
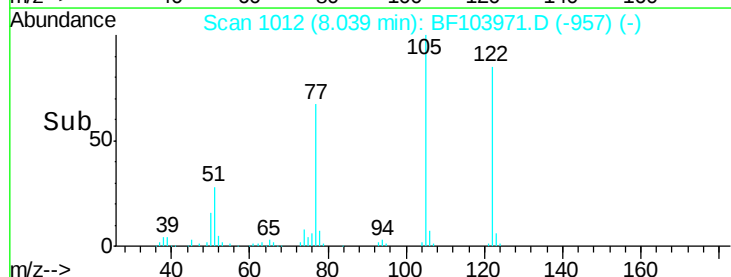


#32
Benzoic acid
Concen: 43.231 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.02 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion:122 Resp: 234312
Ion Ratio Lower Upper
122 100
105 117.3 101.1 141.1
77 82.0 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

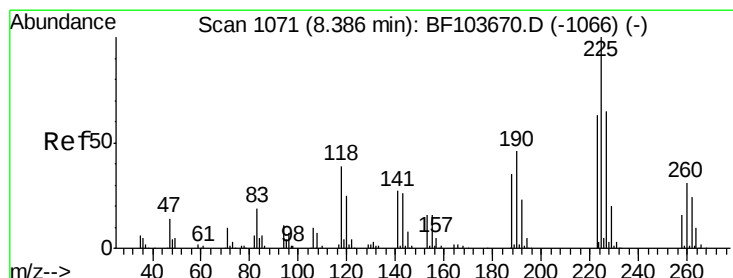
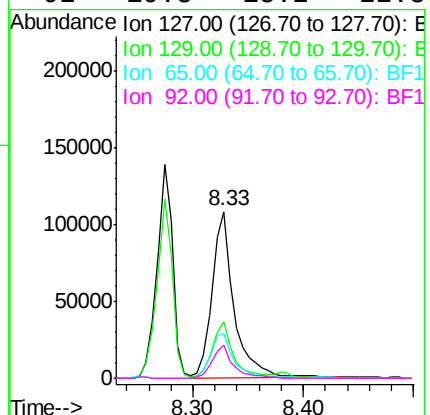
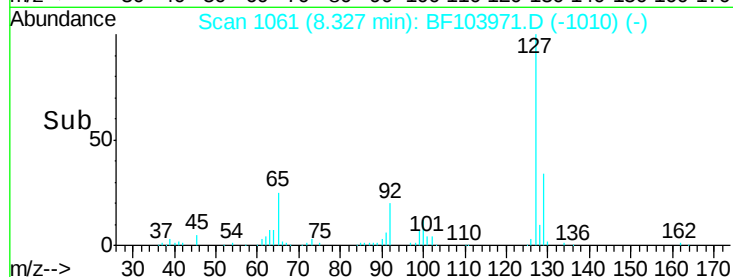
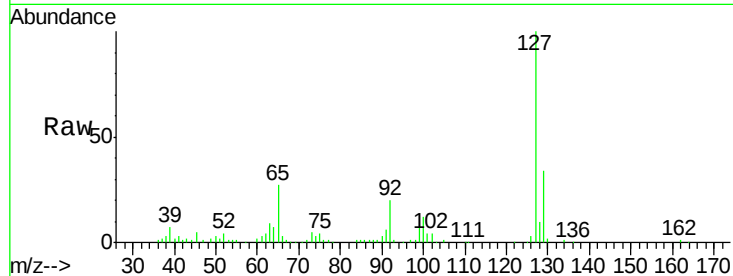




#33
4-Chloroaniline
Concen: 12.430 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

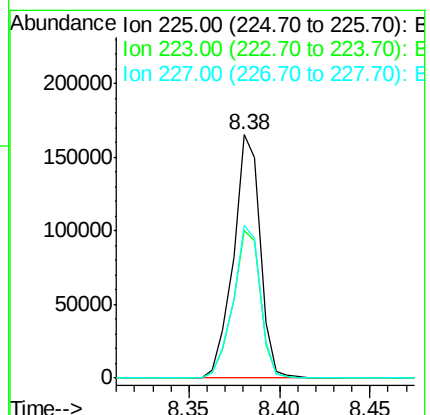
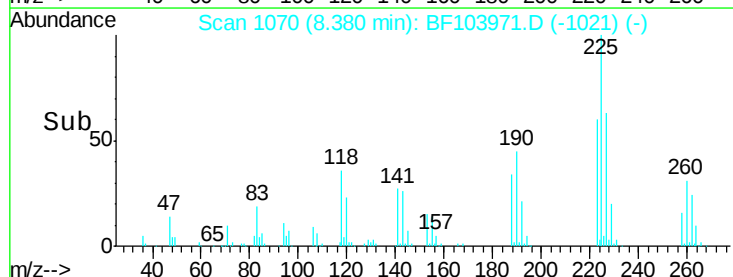
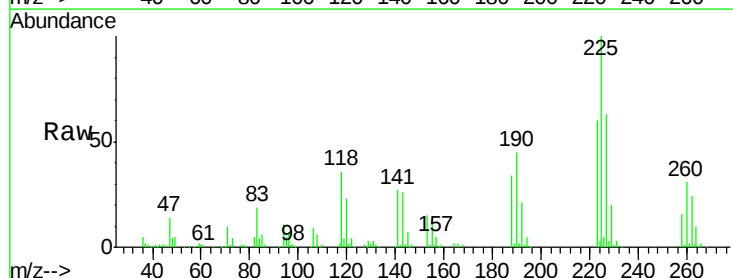
Instrument :
BNA_F
ClientSampleId :

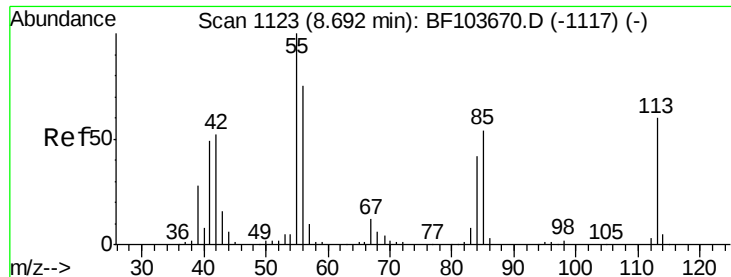
Tot Ion:	127	Resp:	146489
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	26.9	25.0	37.4
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 37.113 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion:	225	Resp:	169802
Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.6	76.0
227	63.0	51.9	77.9

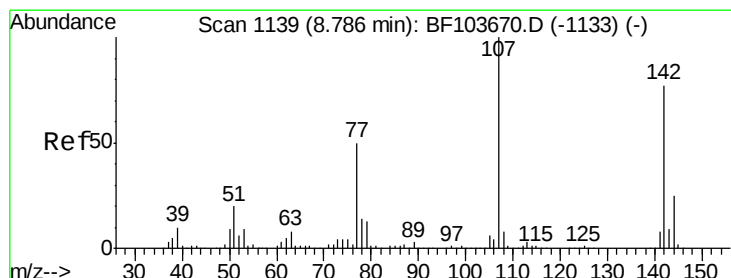
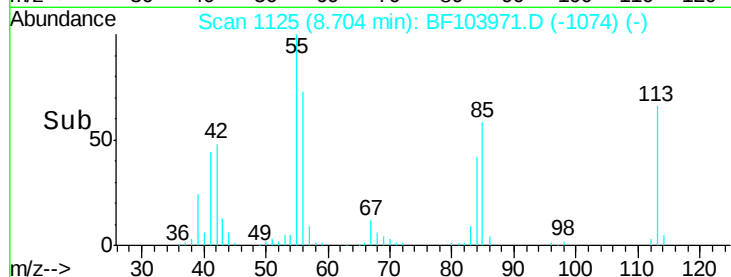
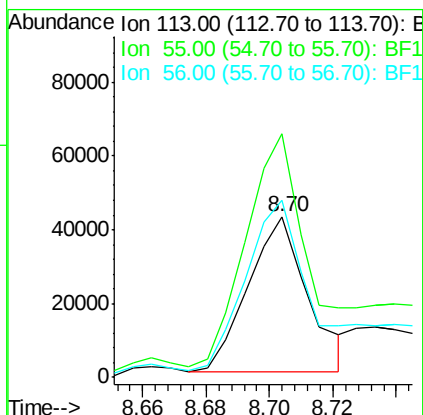
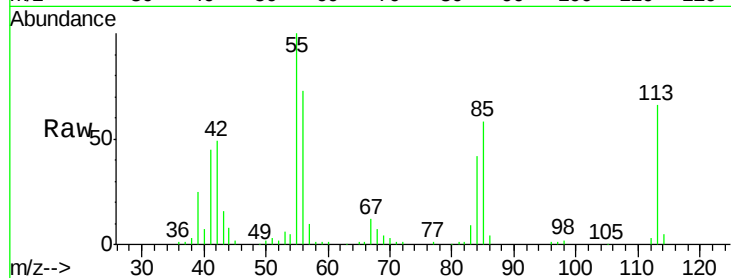




#35
 Caprolactam
 Concen: 22.108 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

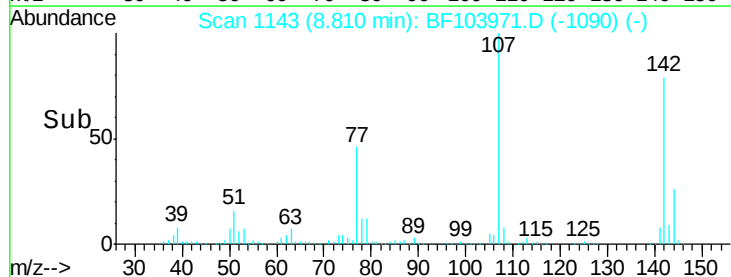
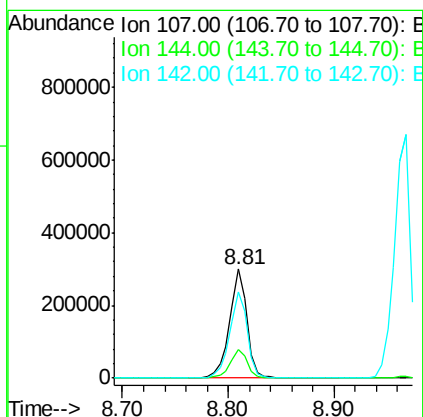
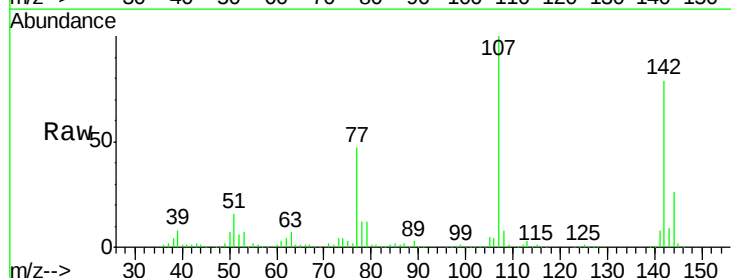
Instrument :
 BNA_F
 ClientSampled :

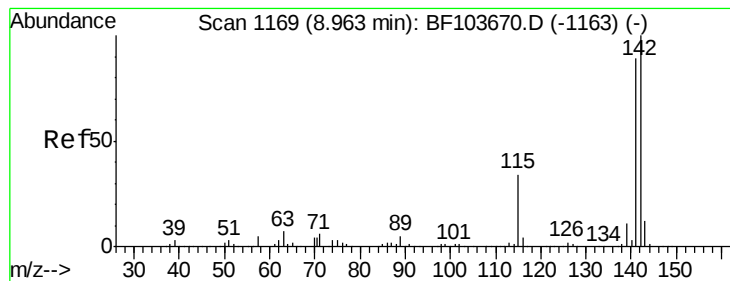
Tot Ion:113 Resp: 54771
 Ion Ratio Lower Upper
 113 100
 55 151.7 163.3 203.3#
 56 110.0 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 42.911 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion:107 Resp: 340354
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 79.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.447 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

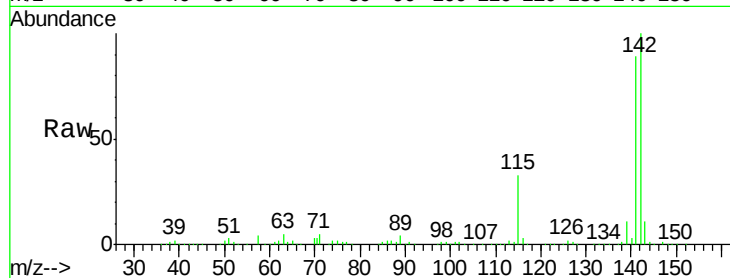
Tot Ion:142 Resp: 702706

Ion Ratio Lower Upper

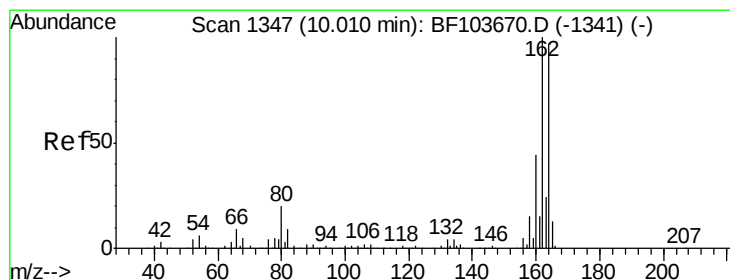
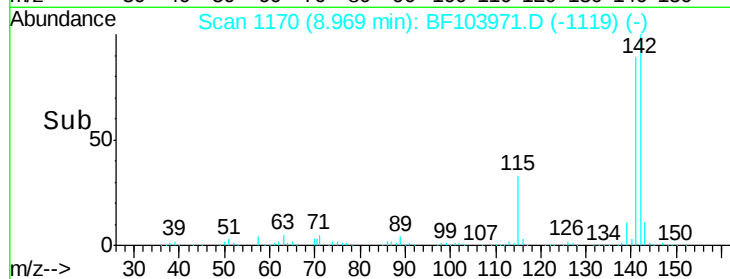
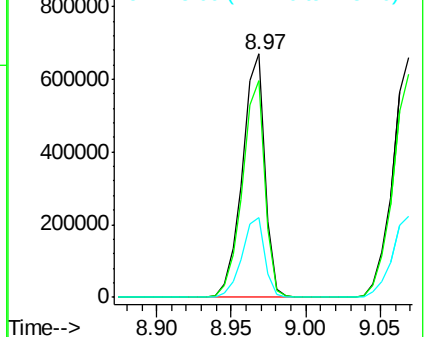
142 100

141 88.8 70.8 106.2

115 32.6 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

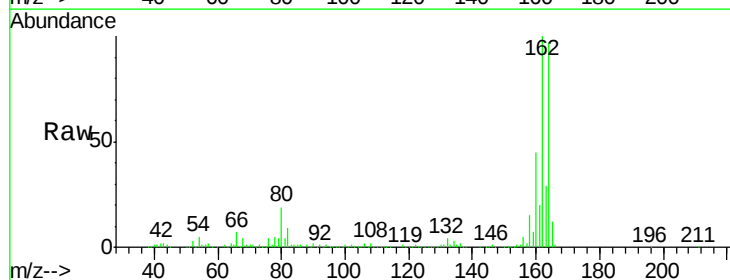
Tgt Ion:164 Resp: 270456

Ion Ratio Lower Upper

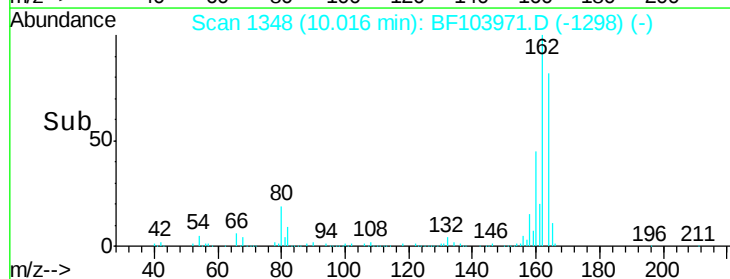
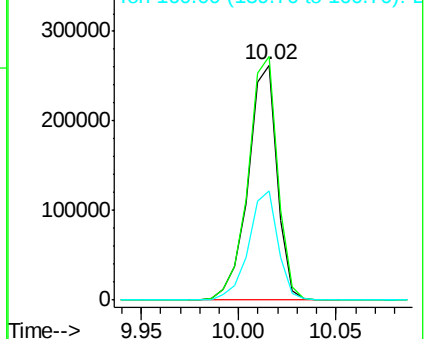
164 100

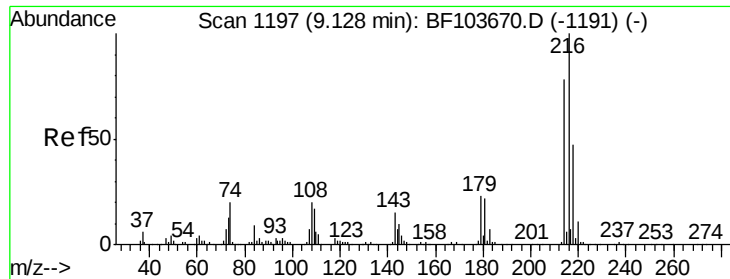
162 103.6 86.1 129.1

160 46.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.443 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 296621

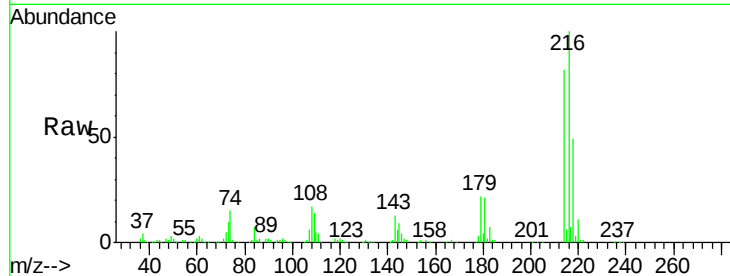
Ion Ratio Lower Upper

216 100

214 81.1 63.0 94.4

179 22.3 18.1 27.1

108 21.7 17.2 25.8

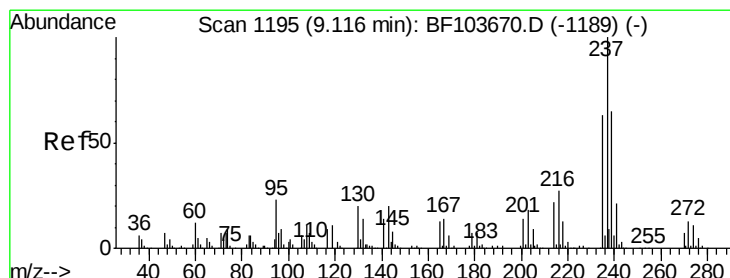
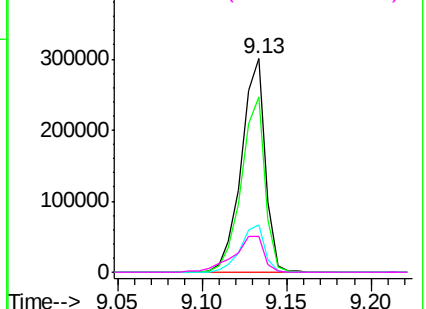
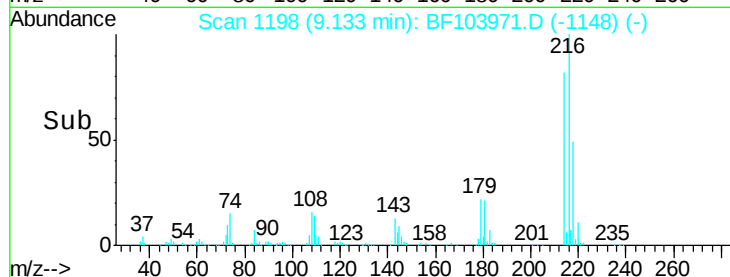


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.467 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

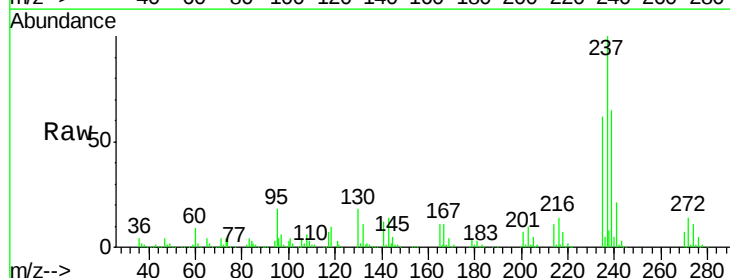
Tgt Ion:237 Resp: 312405

Ion Ratio Lower Upper

237 100

235 61.8 44.8 84.8

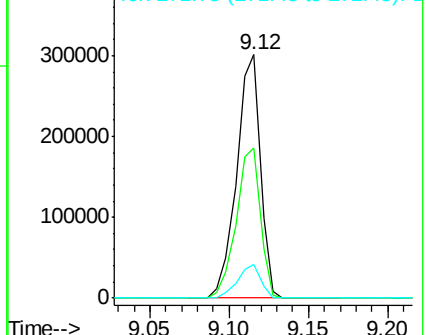
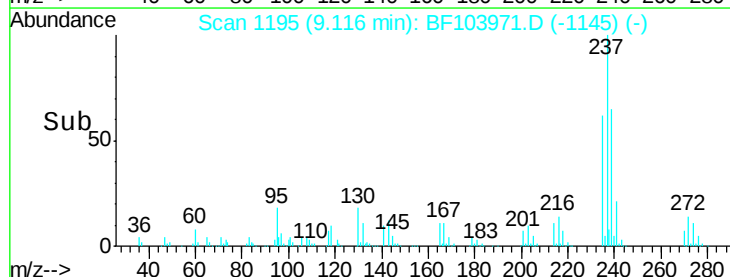
272 13.9 0.0 33.3



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

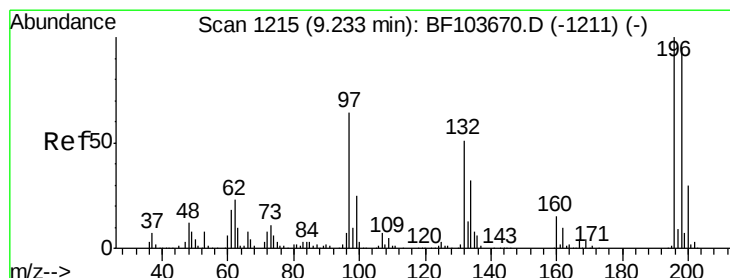
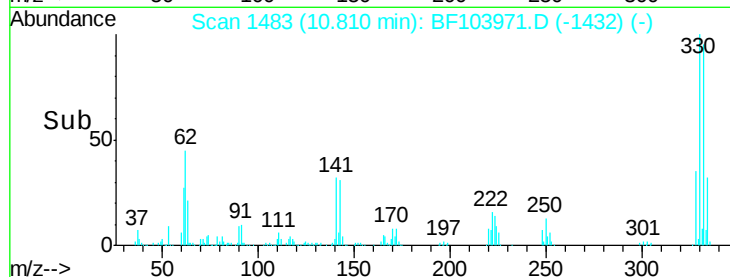
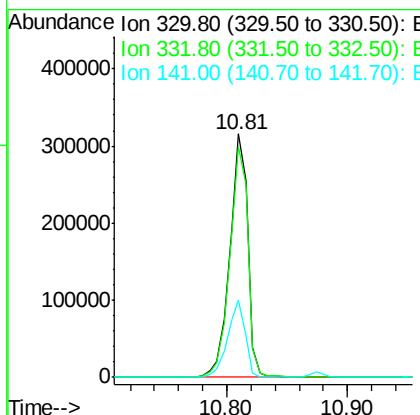
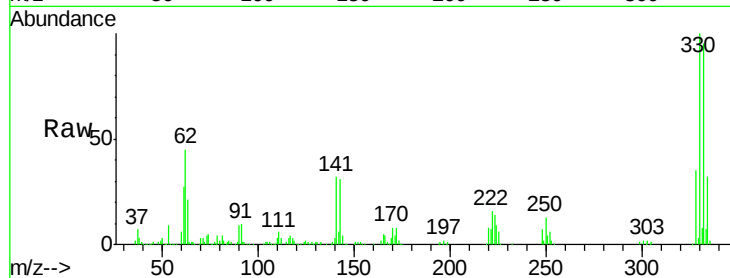




#41
 2,4,6-Tribromophenol
 Concen: 140.254 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

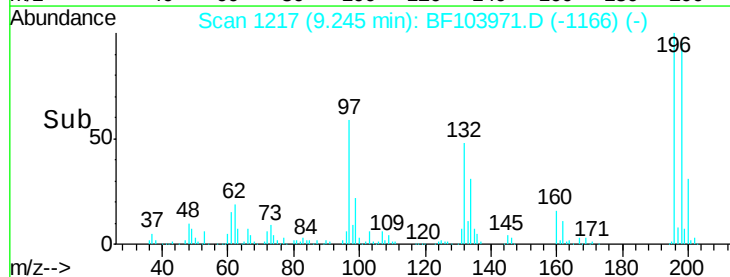
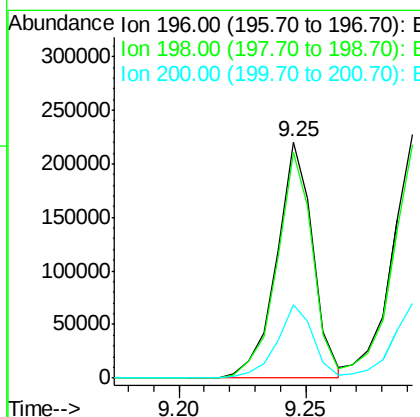
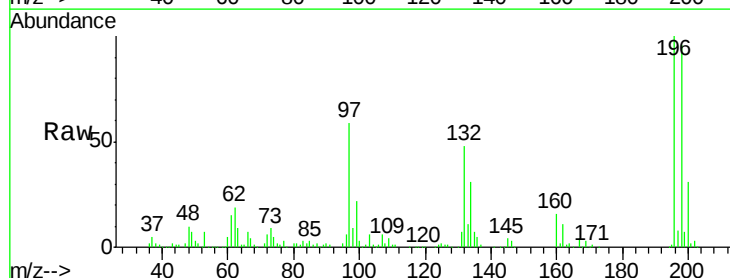
Instrument :
 BNA_F
 ClientSampleId :

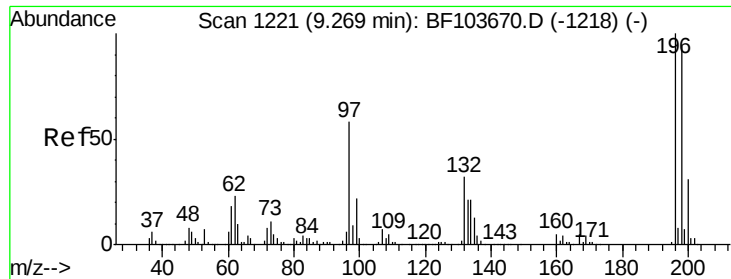
Tot Ion	330	Resp	326146
Ion Ratio	100	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	31.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 44.502 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion	196	Resp	219630
Ion Ratio	100	Lower	Upper
196	100		
198	95.6	75.7	113.5
200	31.0	24.5	36.7

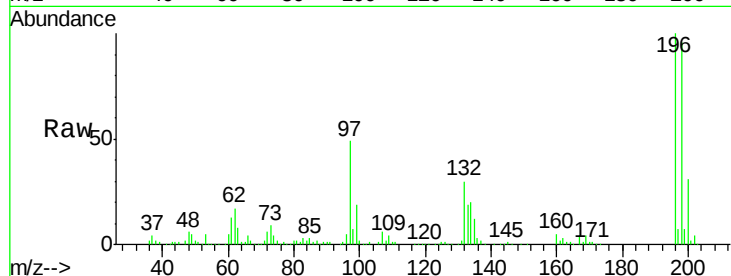




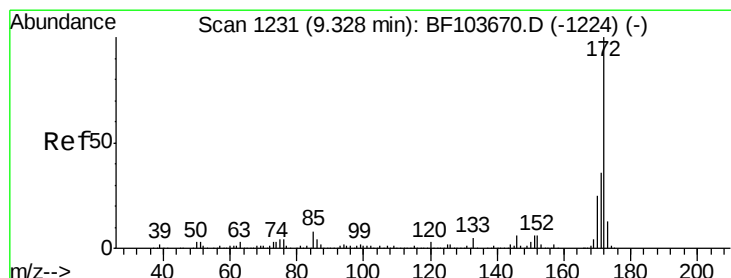
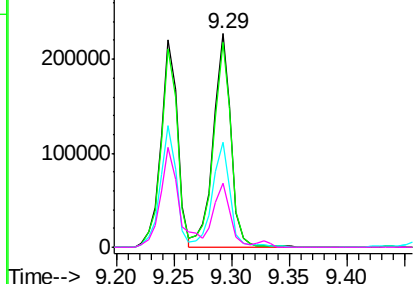
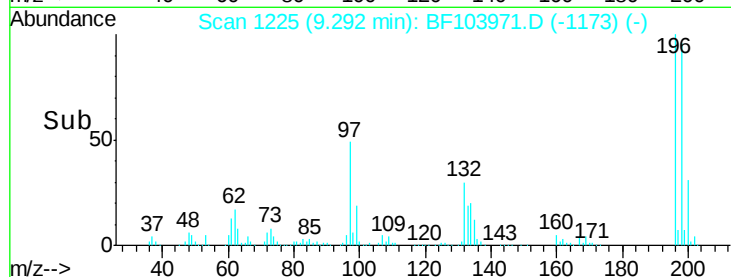
#43
 2,4,5-Trichlorophenol
 Concen: 43.165 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 240442
 Ion Ratio Lower Upper
 196 100
 198 95.7 74.6 112.0
 97 49.0 42.9 64.3
 132 29.9 26.3 39.5

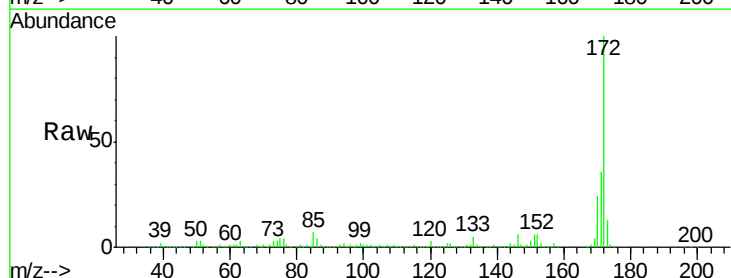


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

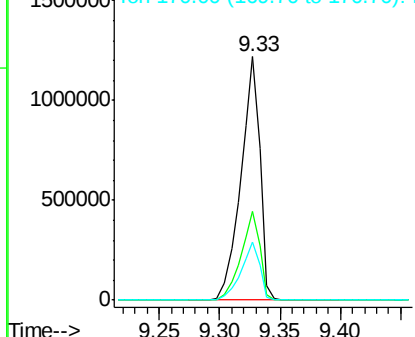
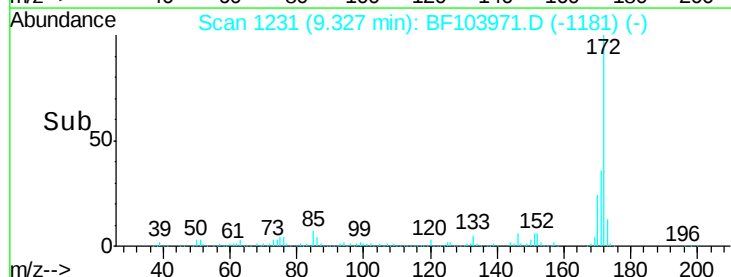


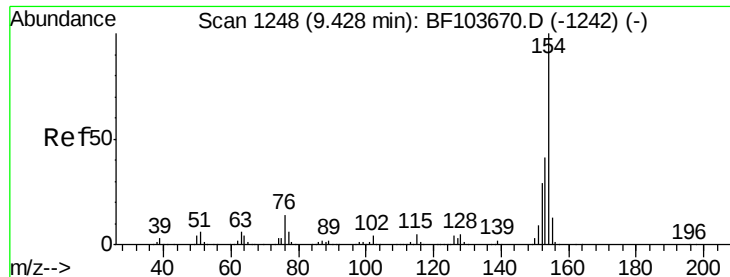
#44
 2-Fluorobiphenyl
 Concen: 78.813 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion:172 Resp: 1336265
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.9 19.6 29.4



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

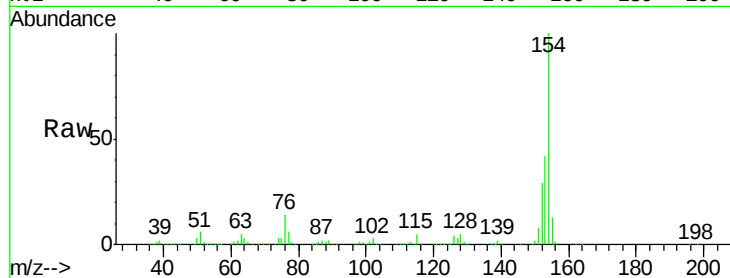




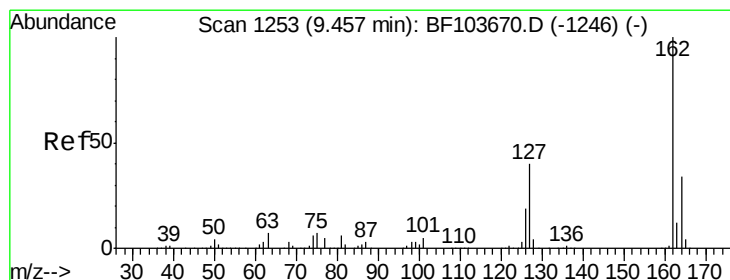
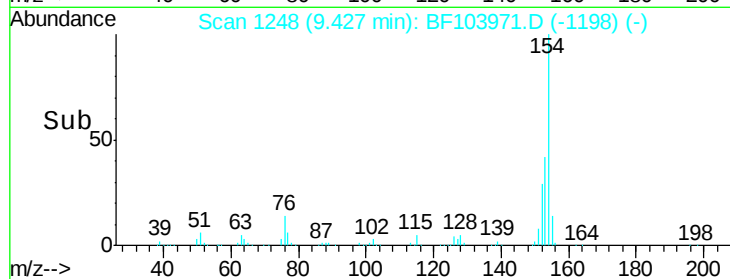
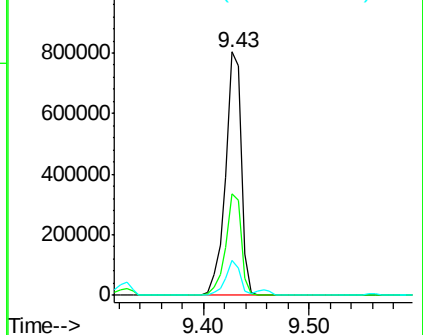
#45
 1,1'-Biphenyl
 Concen: 36.841 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 830842
 Ion Ratio Lower Upper
 154 100
 153 41.6 21.3 61.3
 76 14.1 0.0 34.0

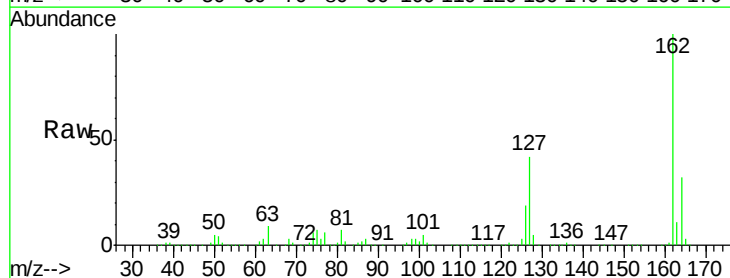


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

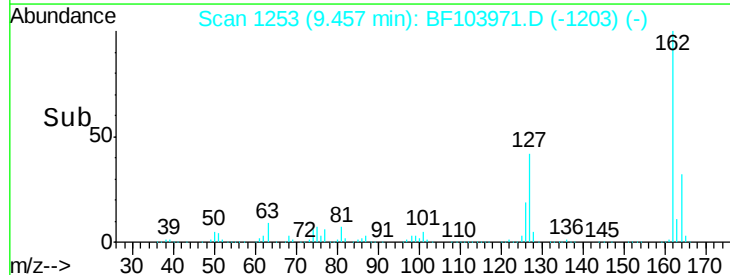
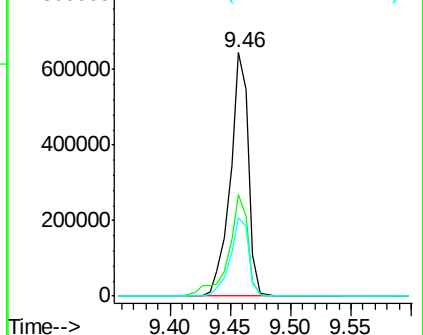


#46
 2-Chloronaphthalene
 Concen: 37.361 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion:162 Resp: 669228
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.9 50.9
 164 32.4 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

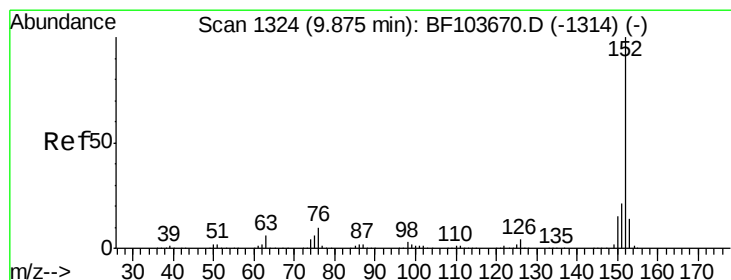
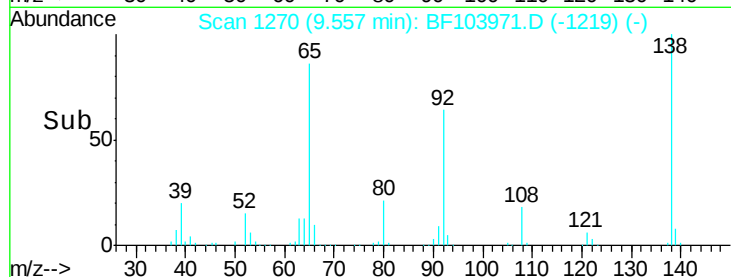
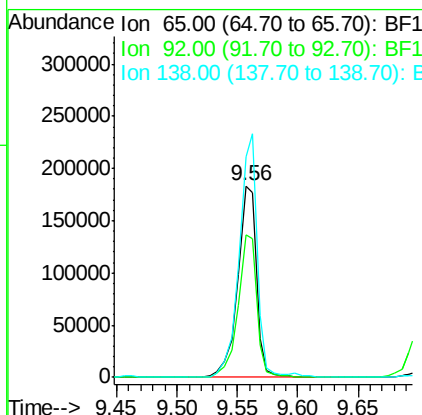
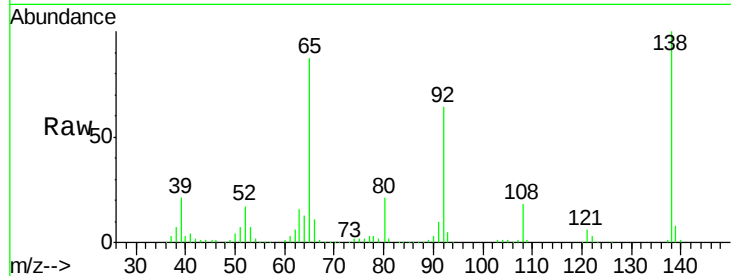




#47
 2-Nitroaniline
 Concen: 43.738 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

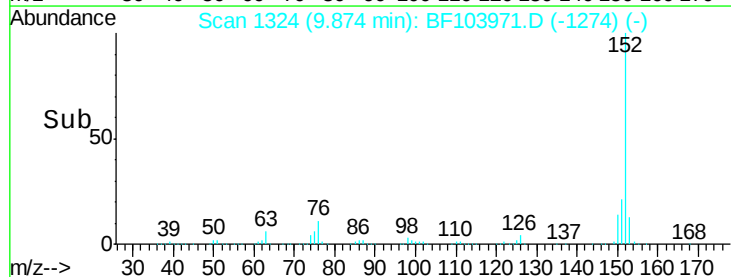
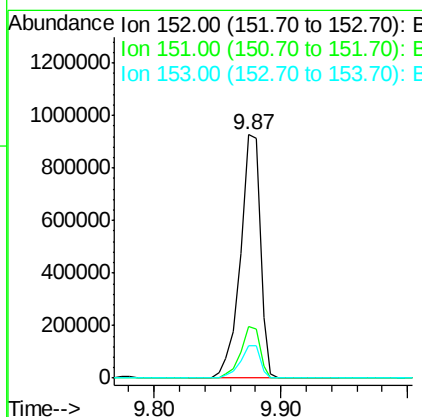
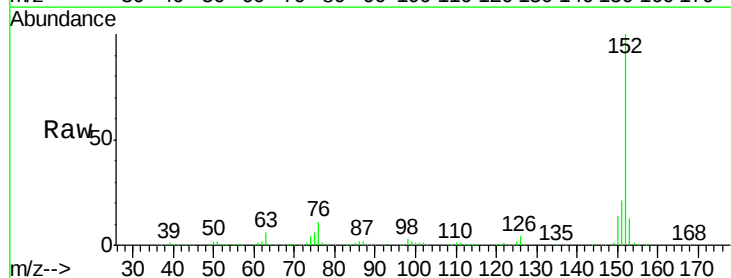
Instrument :
 BNA_F
 ClientSampleId :

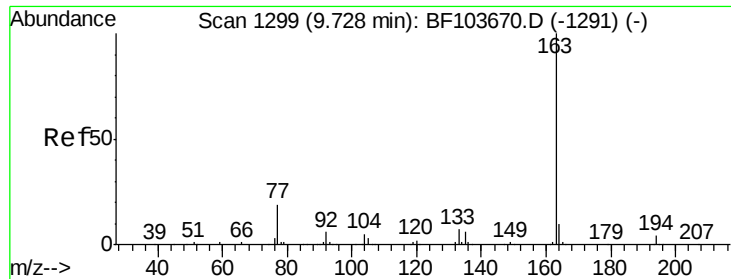
Tot Ion: 65 Resp: 201647
 Ion Ratio Lower Upper
 65 100
 92 74.2 55.8 83.6
 138 115.3 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.242 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion: 152 Resp: 1006661
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 13.4 10.7 16.1

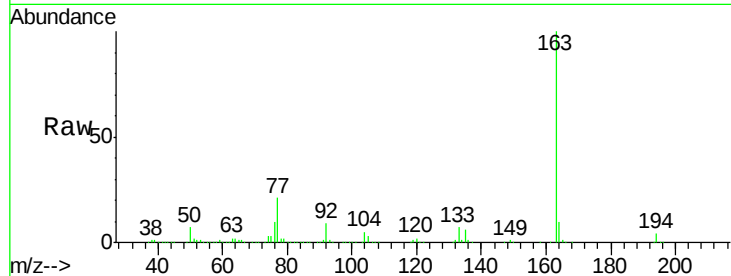




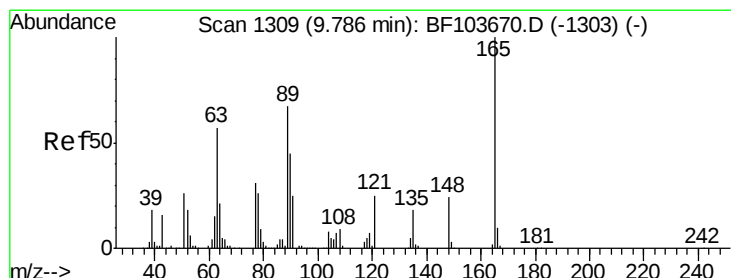
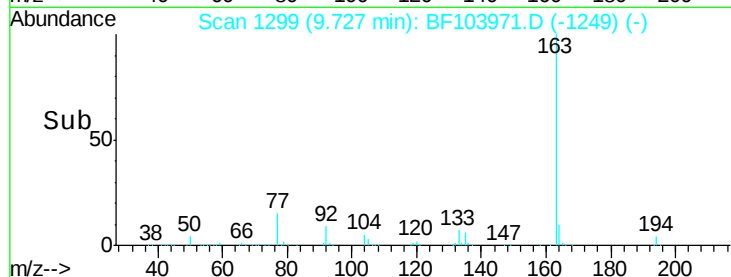
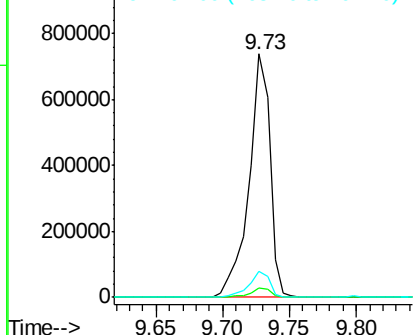
#49
Dimethylphthalate
Concen: 38.537 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 795184
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.2 12.2

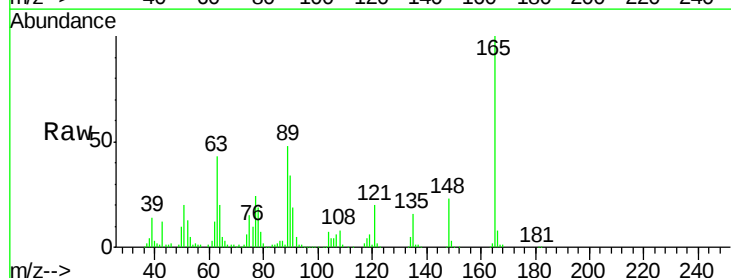


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

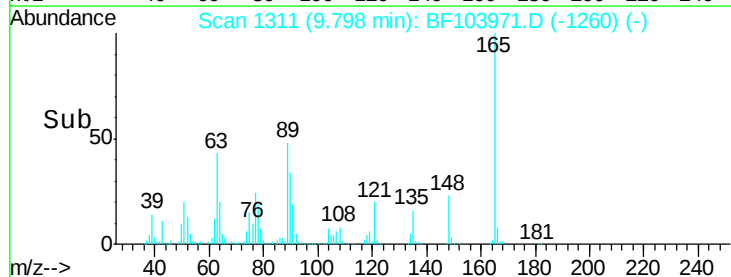
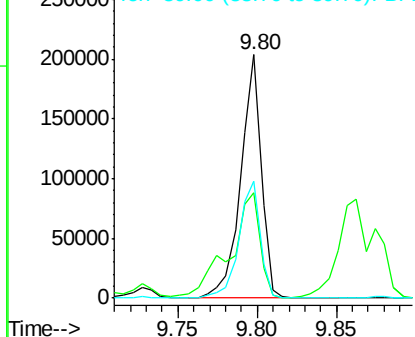


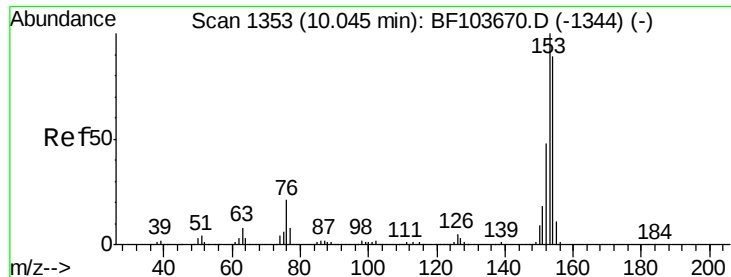
#50
2,6-Dinitrotoluene
Concen: 45.947 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion:165 Resp: 182660
Ion Ratio Lower Upper
165 100
63 43.1 44.7 67.1#
89 48.3 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: 35.752 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

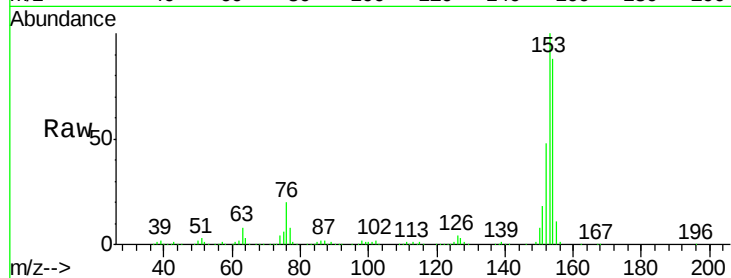
Tot Ion:154 Resp: 589656

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

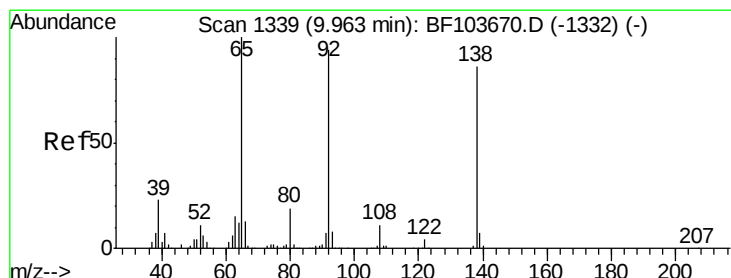
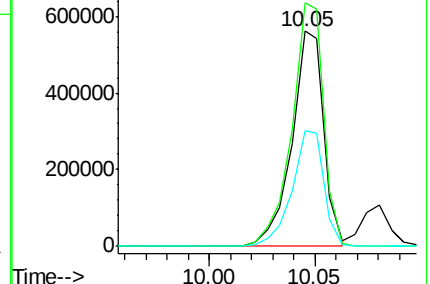
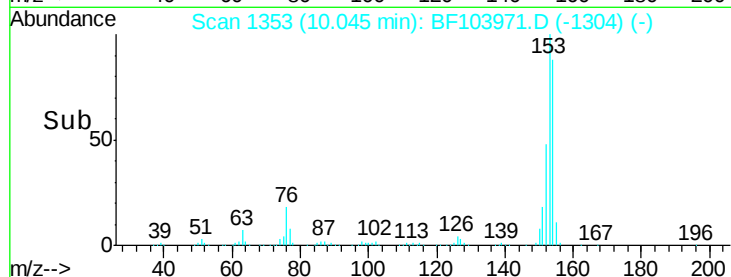
152 54.0 43.8 65.8



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: 25.428 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

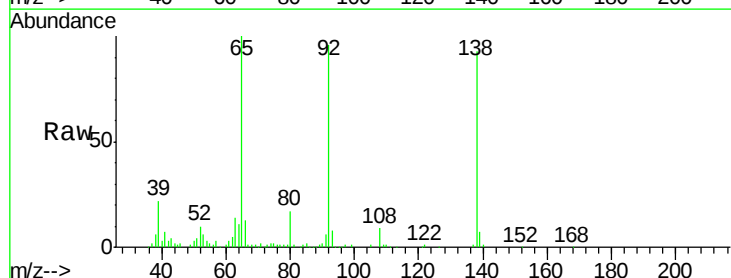
Tgt Ion:138 Resp: 112322

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

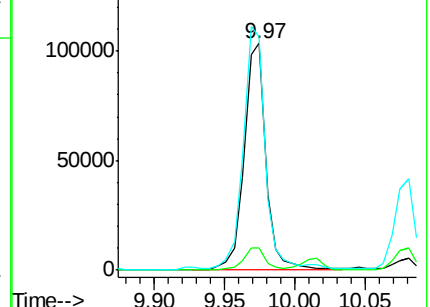
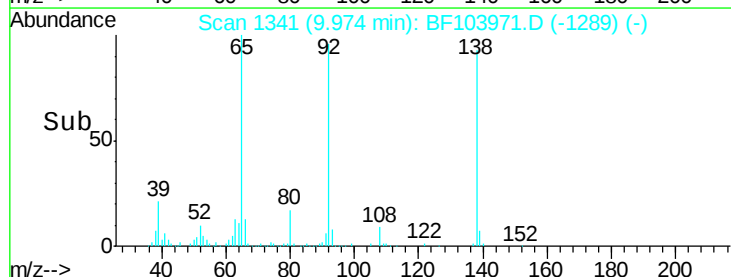
92 103.2 89.4 134.2

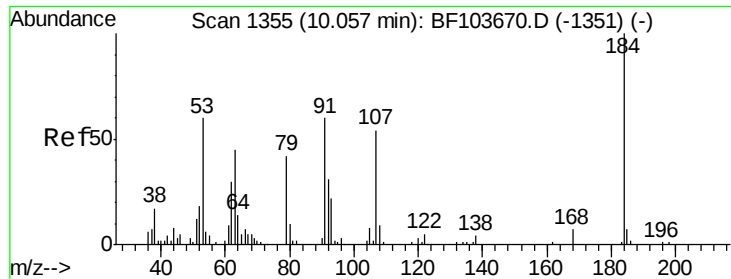


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

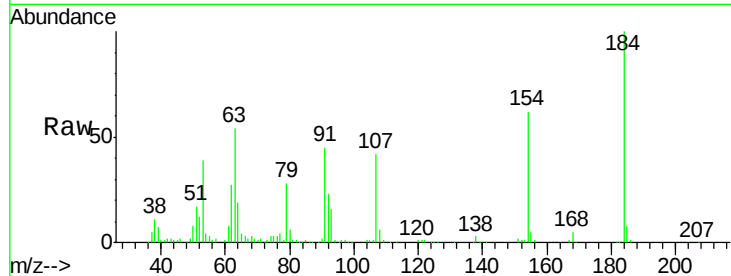




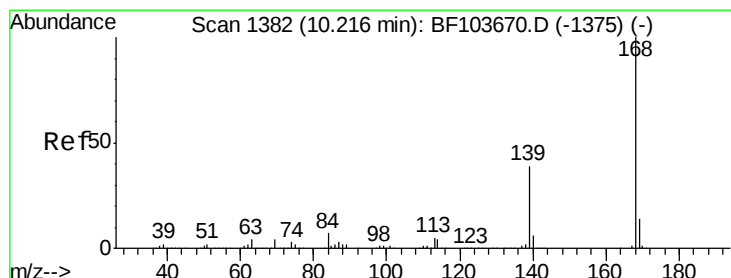
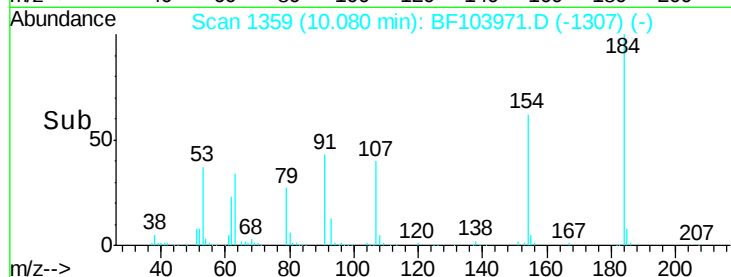
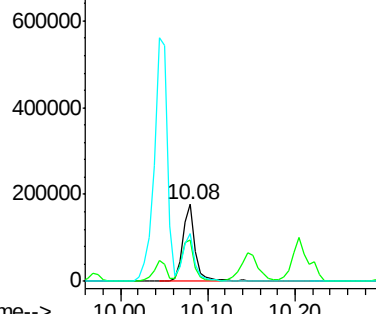
#53
 2,4-Dinitrophenol
 Concen: 110.513 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 176479
 Ion Ratio Lower Upper
 184 100
 63 54.2 54.2 81.2
 154 61.7 184.0 276.0#

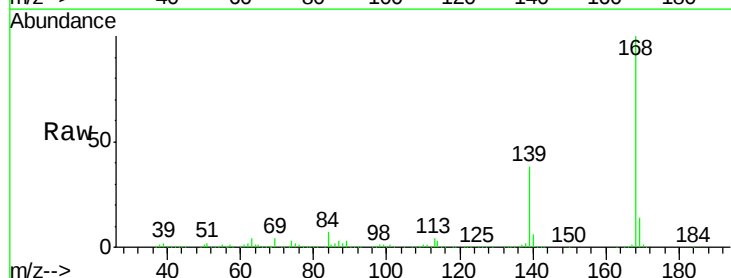


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

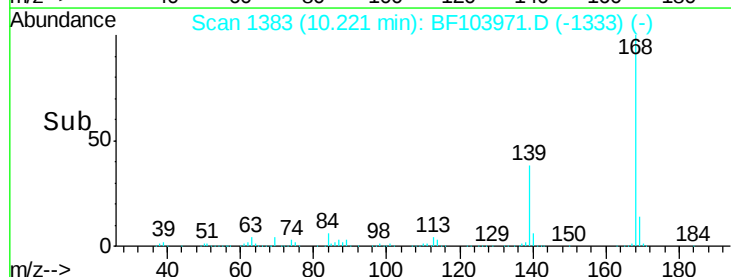
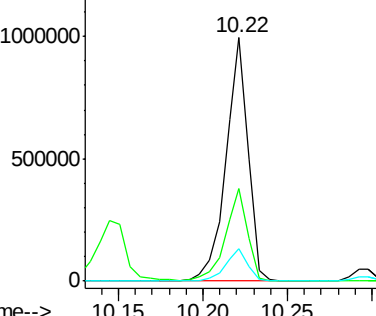


#54
 Dibenzofuran
 Concen: 38.516 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion:168 Resp: 907261
 Ion Ratio Lower Upper
 168 100
 139 37.9 30.1 45.1
 169 13.6 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

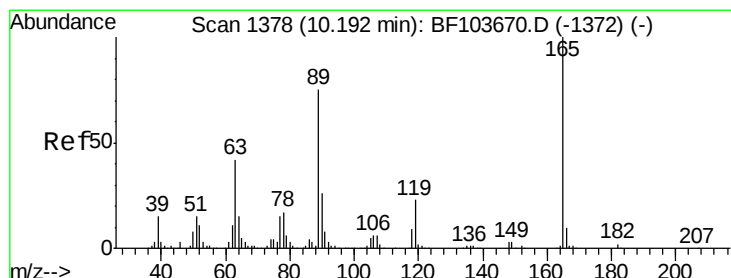
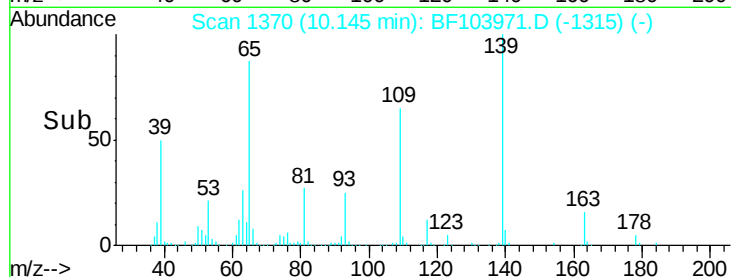
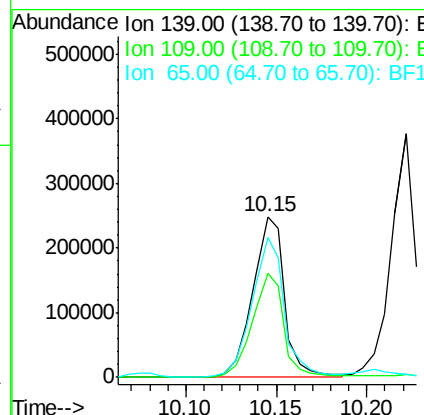
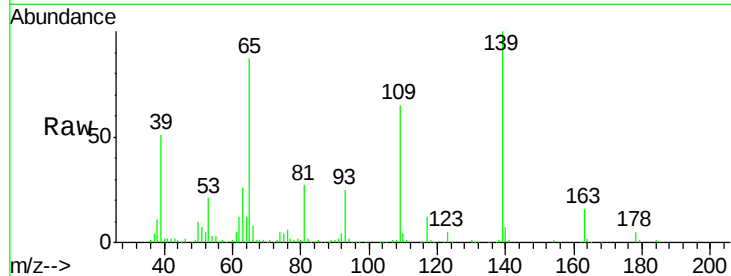




#55
4-Nitrophenol
Concen: 80.590 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.02 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

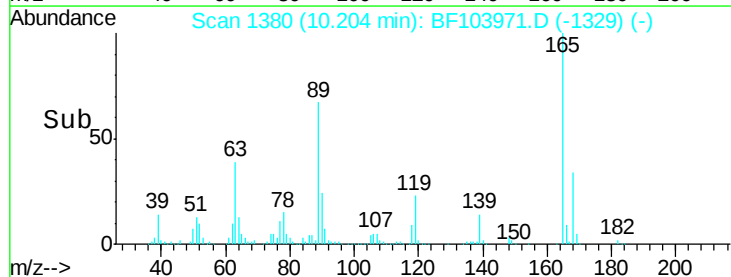
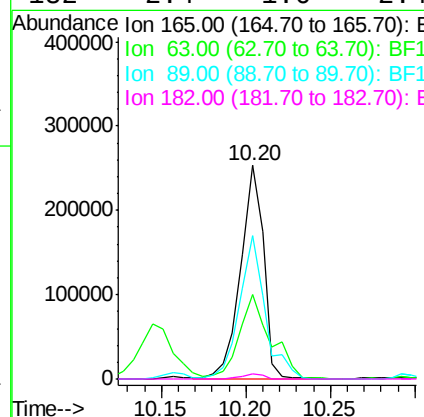
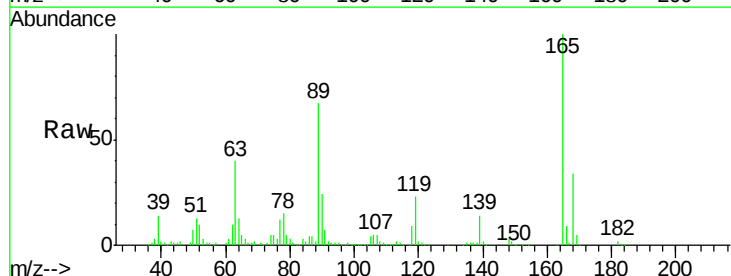
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 304601
Ion Ratio Lower Upper
139 100
109 64.5 48.4 88.4
65 87.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.084 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion:165 Resp: 237415
Ion Ratio Lower Upper
165 100
63 39.5 36.4 54.6
89 67.1 57.8 86.6
182 2.4 1.6 2.4#

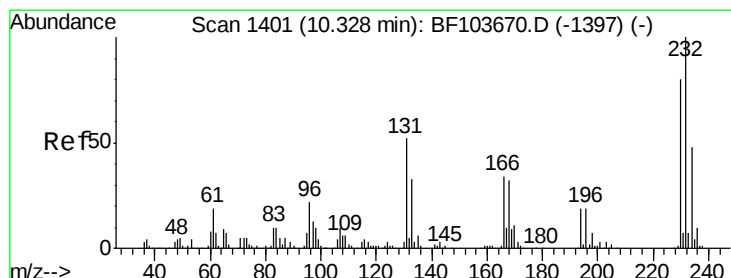
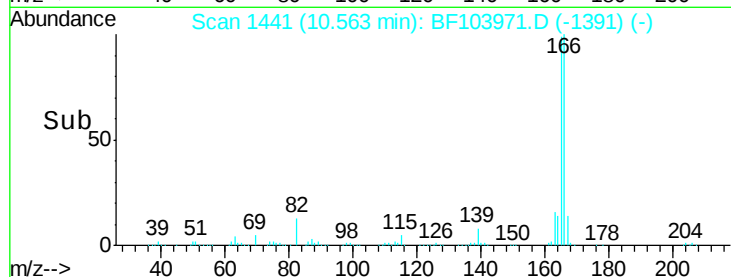
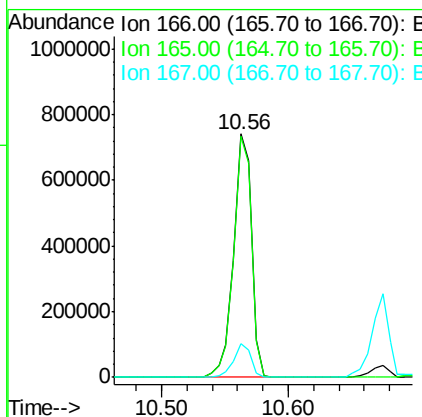
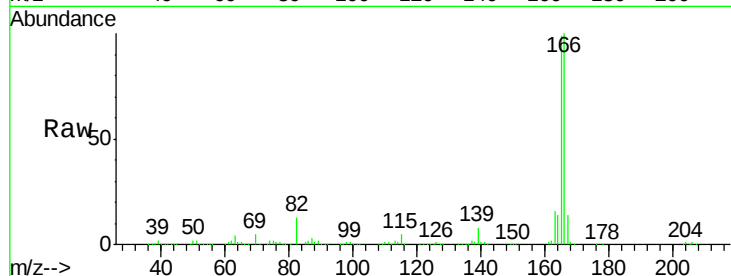




#57
 Fluorene
 Concen: 39.271 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

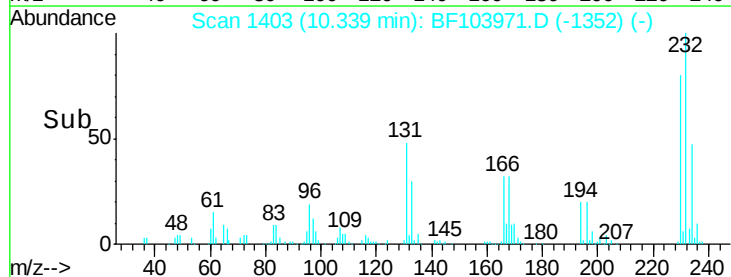
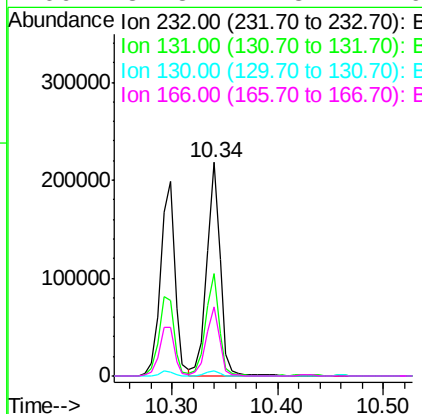
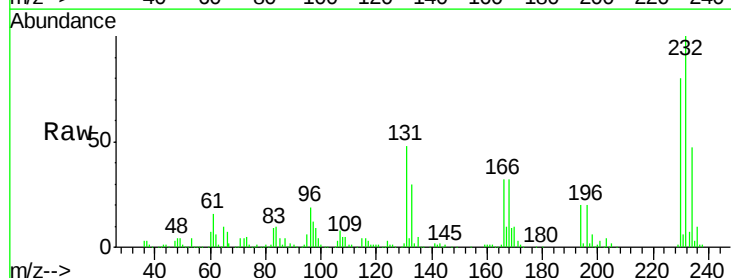
Instrument :
 BNA_F
 ClientSampleId :

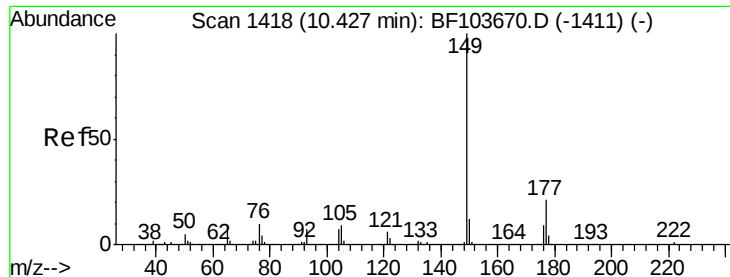
Tot Ion:166 Resp: 717806
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.368 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion:232 Resp: 194857
 Ion Ratio Lower Upper
 232 100
 131 46.7 43.8 65.8
 130 2.3 2.1 3.1
 166 31.8 27.8 41.6

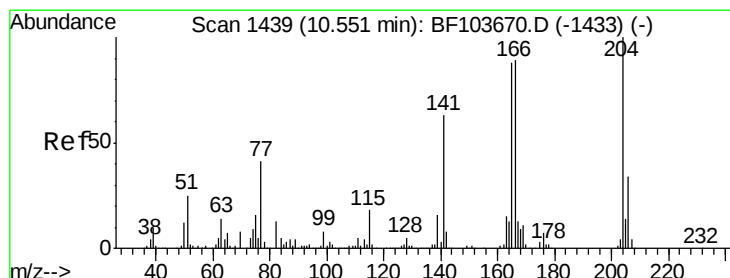
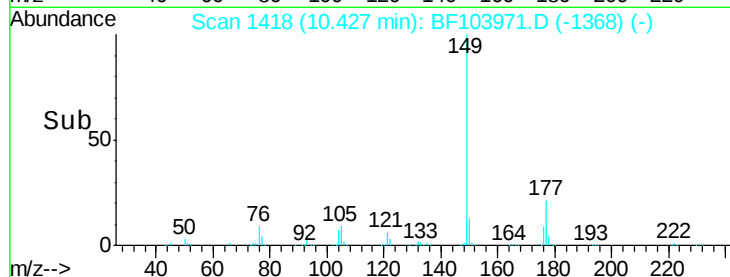
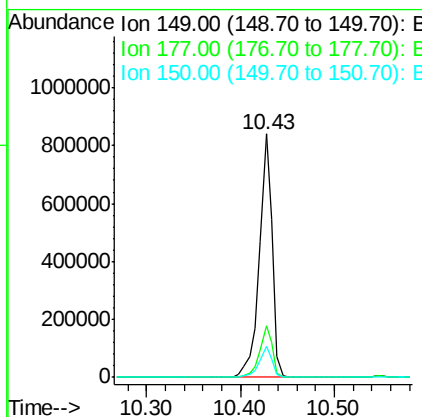
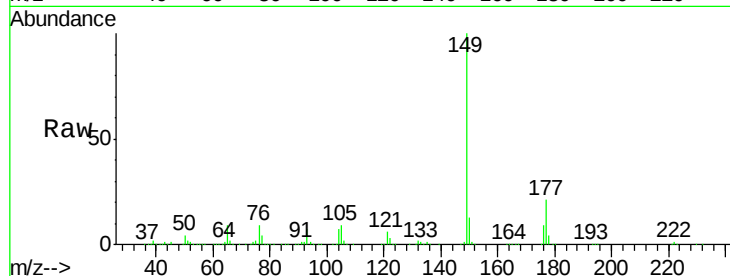




#59
Diethylphthalate
Concen: 38.602 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

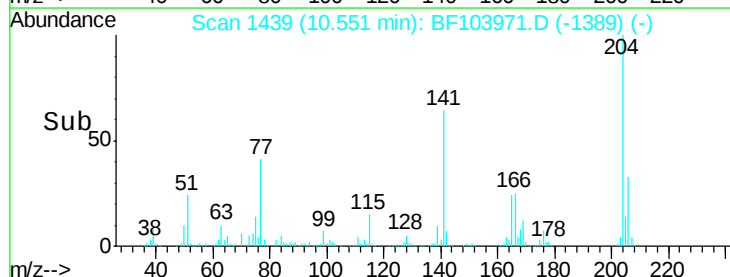
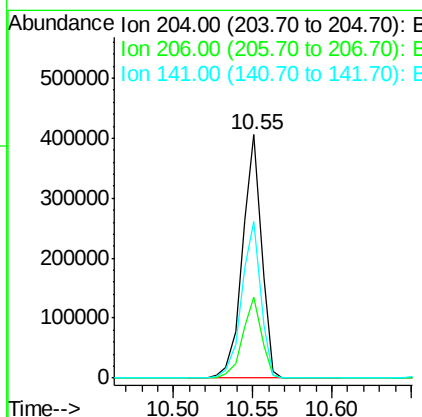
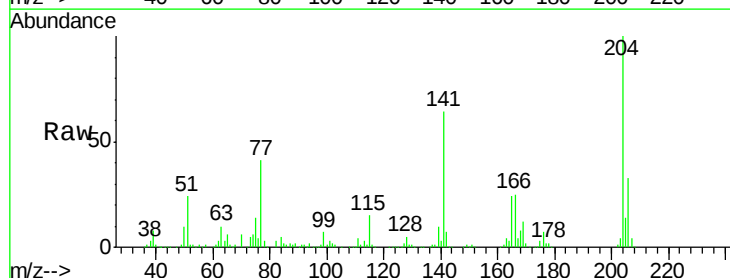
Instrument :
BNA_F
ClientSampled :

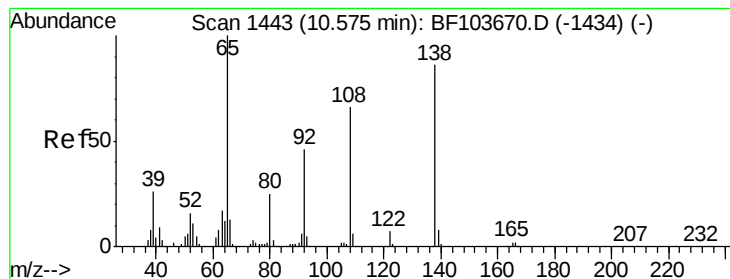
Tot Ion:149 Resp: 790565
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.109 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion:204 Resp: 335050
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 64.1 54.6 81.8





#61

4-Nitroaniline

Concen: 42.531 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

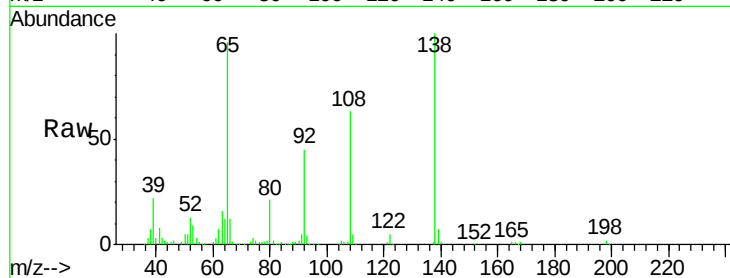
Tot Ion:138 Resp: 193688

Ion Ratio Lower Upper

138 100

92 45.4 30.2 70.2

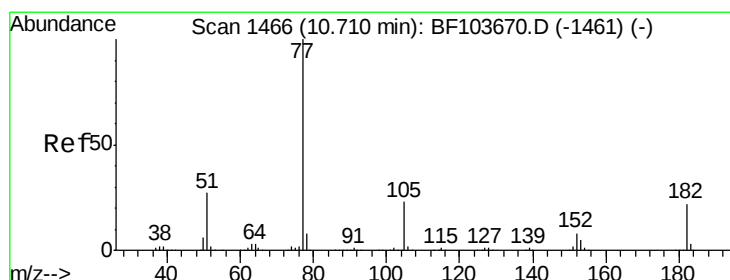
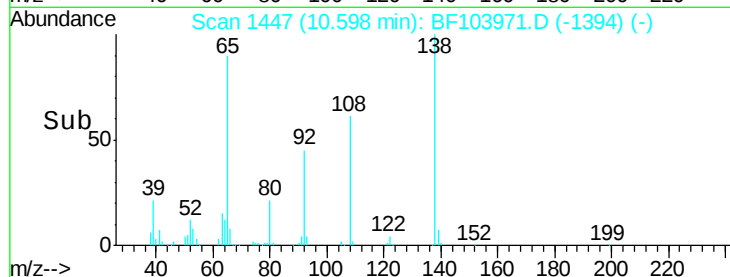
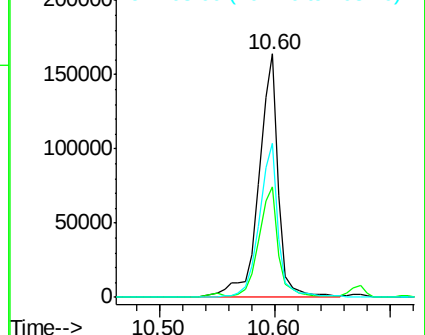
108 63.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.585 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Tgt Ion: 77 Resp: 720119

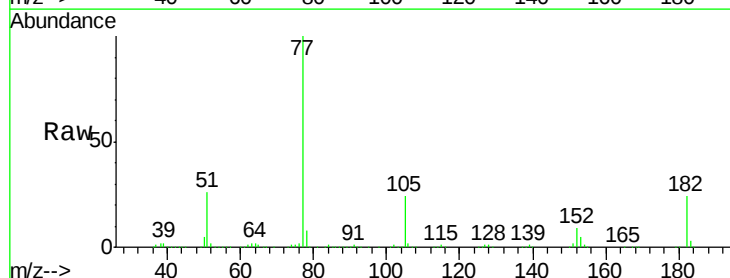
Ion Ratio Lower Upper

77 100

182 23.6 1.7 41.7

105 24.0 3.0 43.0

51 26.0 9.9 49.9

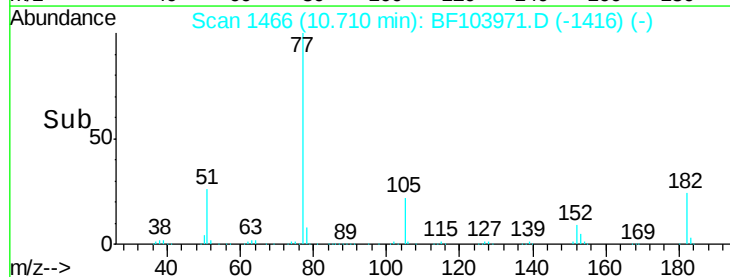
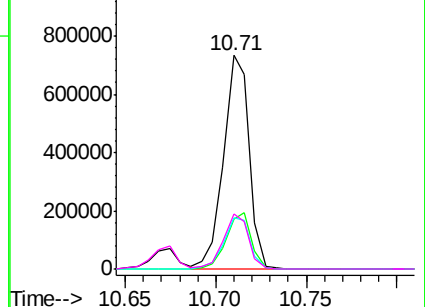


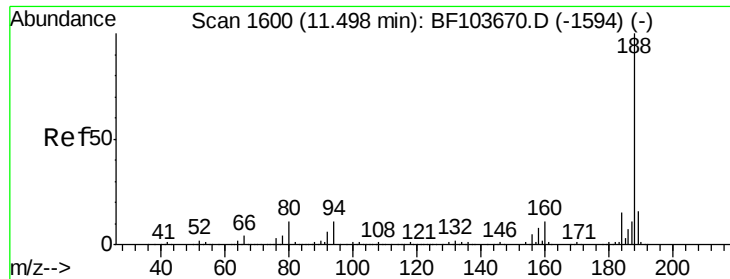
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

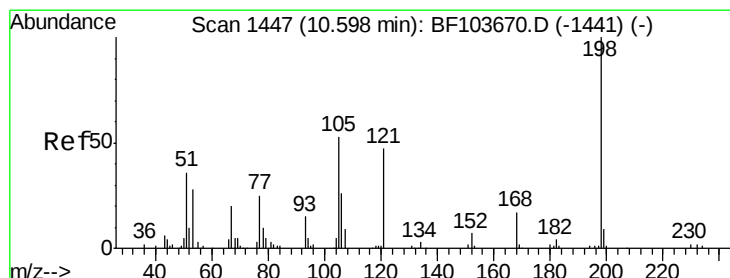
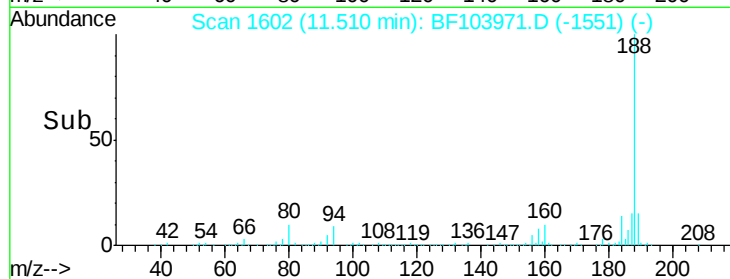
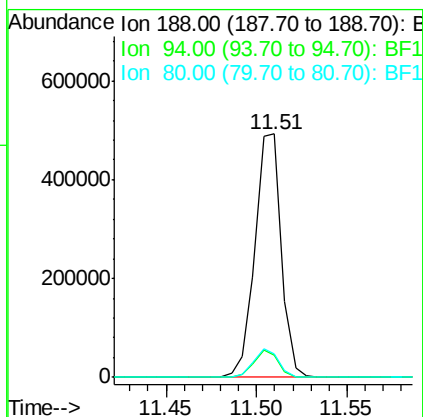
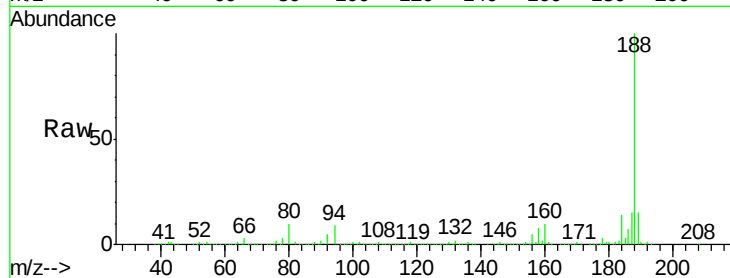




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

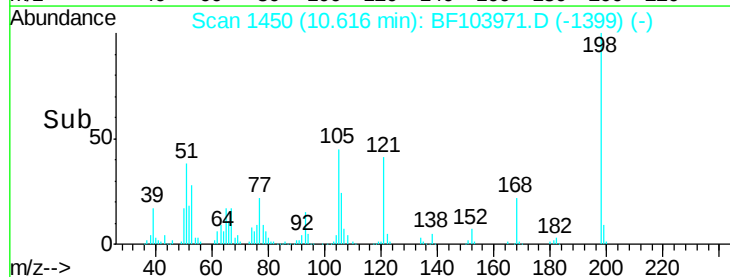
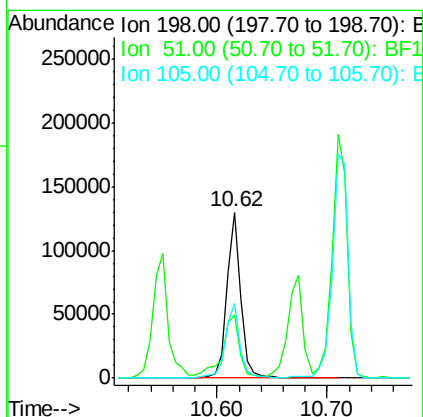
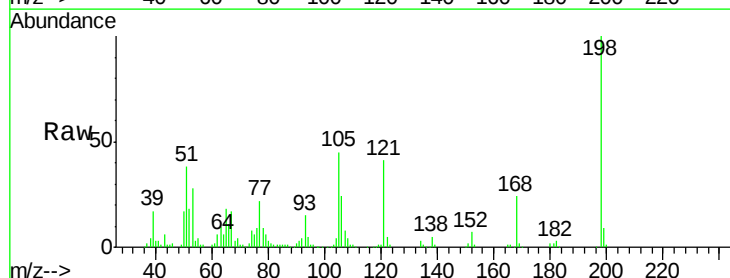
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 499696
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 57.277 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion:198 Resp: 115040
Ion Ratio Lower Upper
198 100
51 38.2 37.7 77.7
105 44.9 36.3 76.3

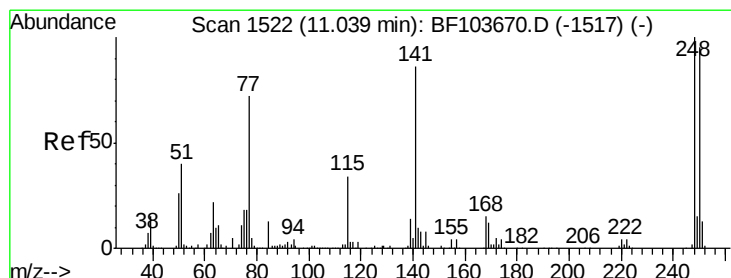
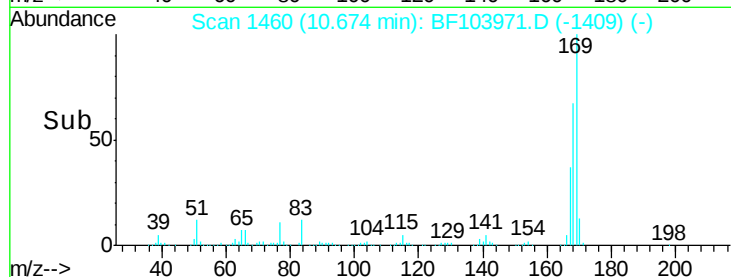
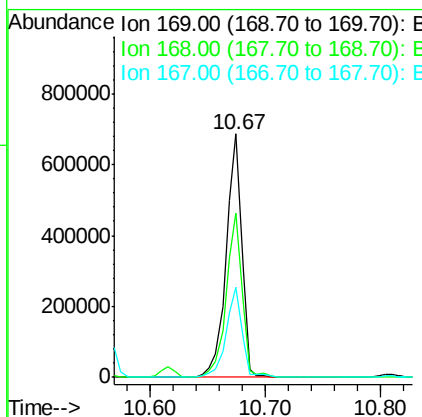
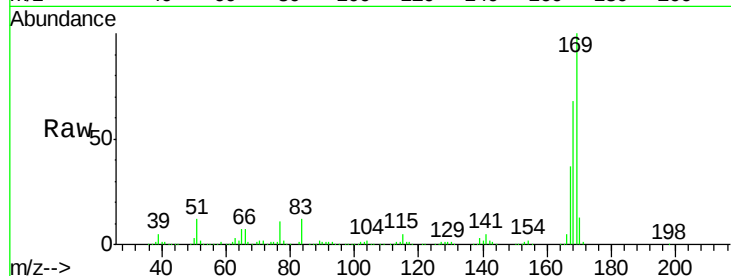




#65
n-Nitrosodiphenylamine
Concen: 37.760 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

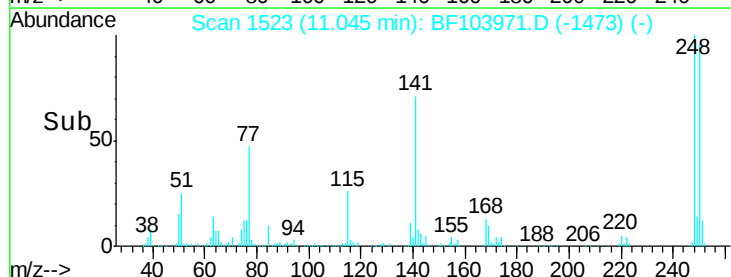
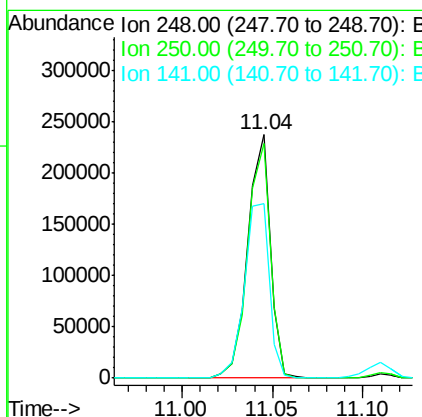
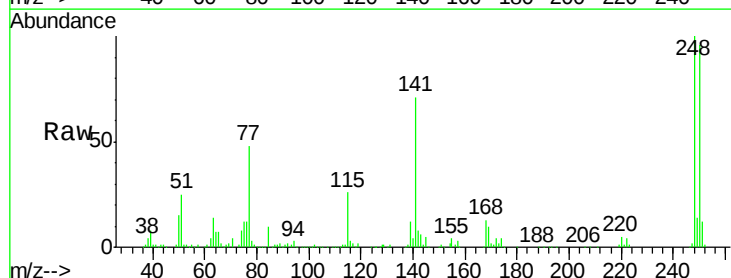
Instrument :
BNA_F
ClientSampleId :

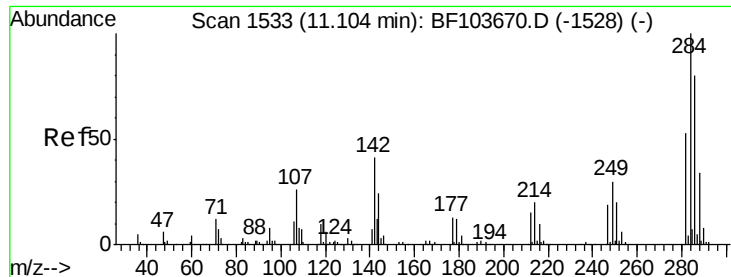
Tot Ion:169 Resp: 642254
Ion Ratio Lower Upper
169 100
168 67.5 54.4 81.6
167 37.0 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 40.376 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion:248 Resp: 207151
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 71.5 74.4 111.6#

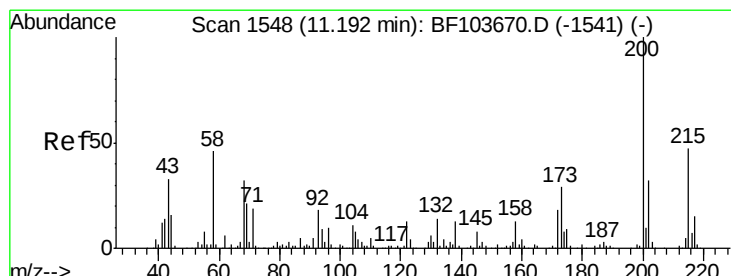
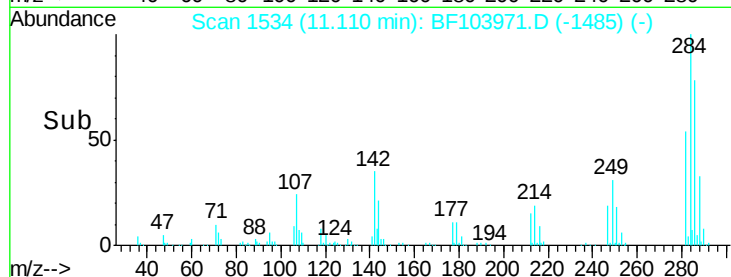
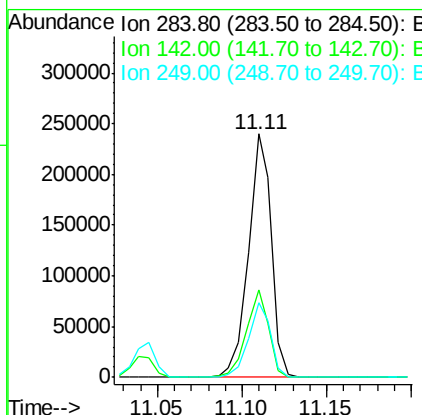
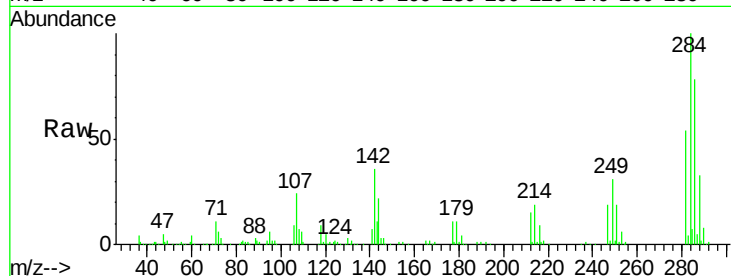




#67
Hexachlorobenzene
Concen: 38.818 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

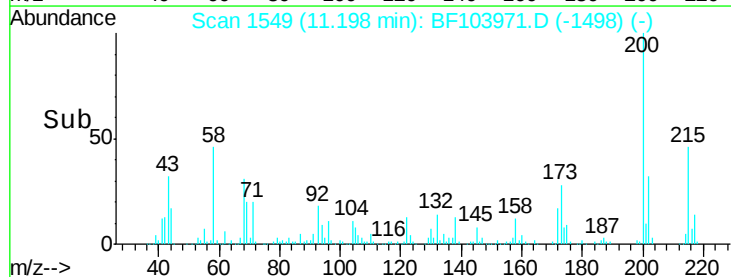
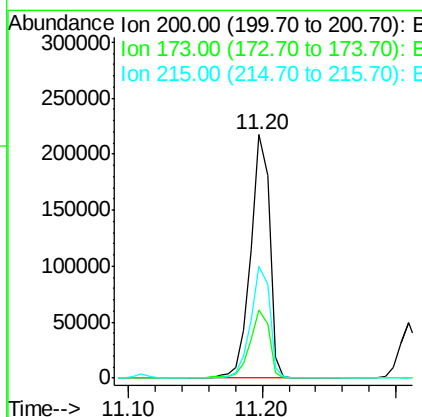
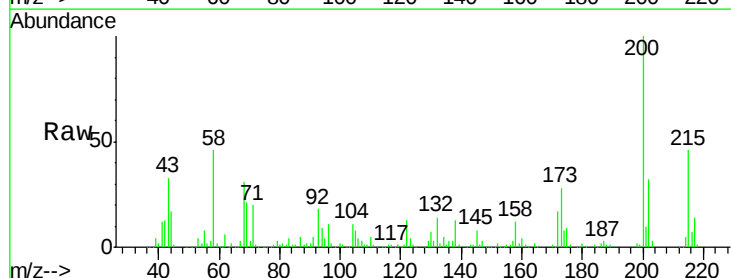
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 227307
Ion Ratio Lower Upper
284 100
142 35.9 34.6 52.0
249 30.8 24.8 37.2



#68
Atrazine
Concen: 39.919 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion:200 Resp: 210037
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 45.8 25.1 65.1

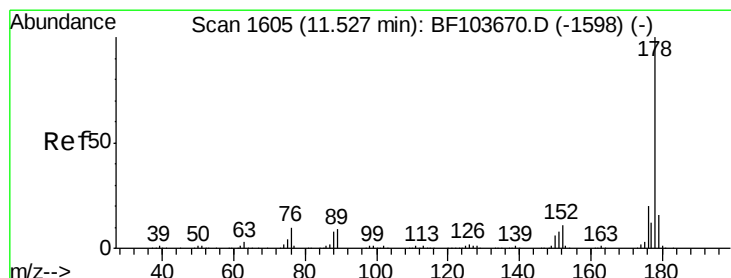
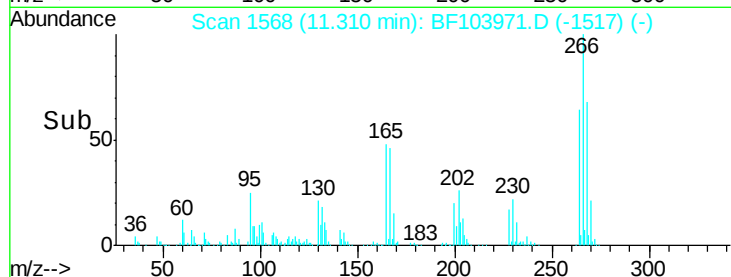
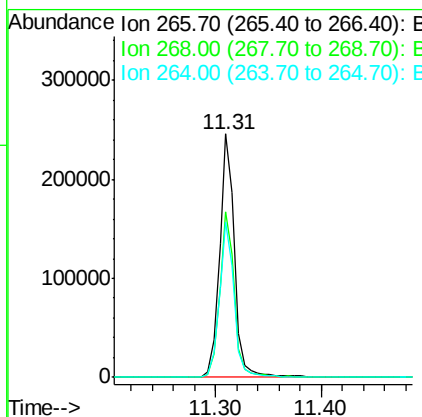
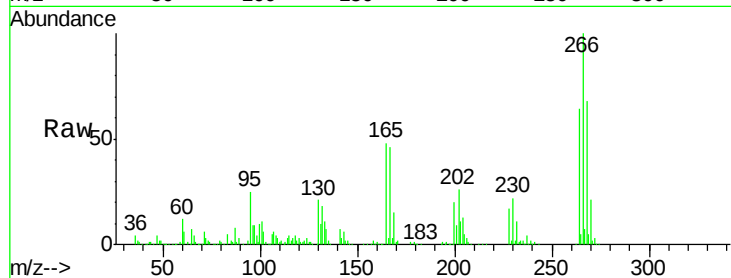




#69
 Pentachlorophenol
 Concen: 73.178 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

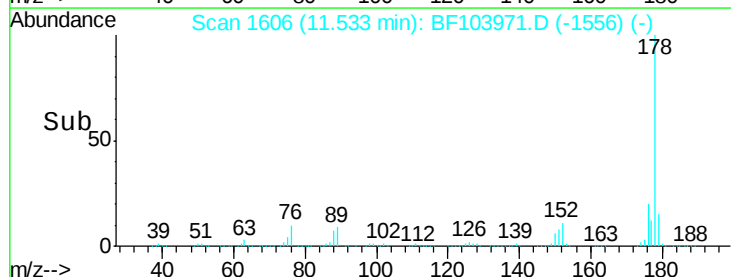
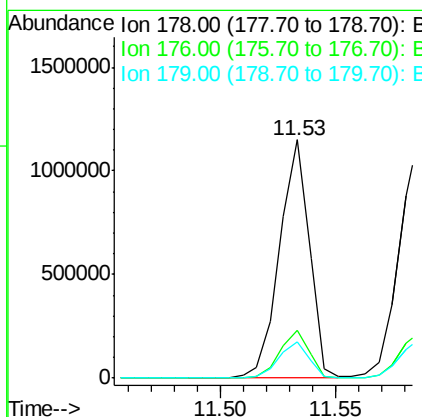
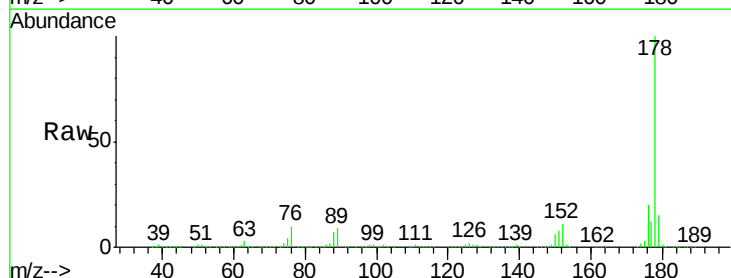
Instrument :
 BNA_F
 ClientSampleId :

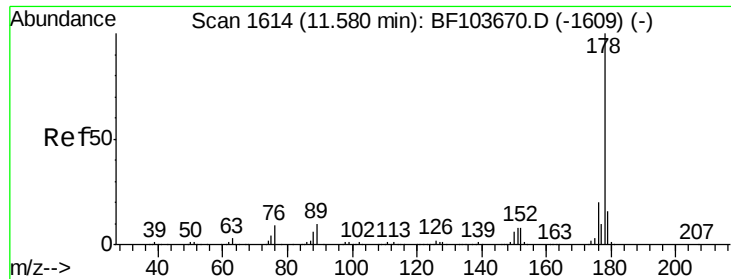
Tot Ion:266 Resp: 246356
 Ion Ratio Lower Upper
 266 100
 268 68.2 51.1 76.7
 264 63.7 49.5 74.3



#70
 Phenanthrene
 Concen: 37.515 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion:178 Resp: 1025464
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.5 13.0 19.6

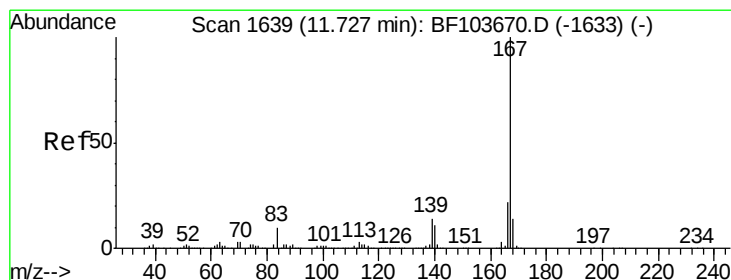
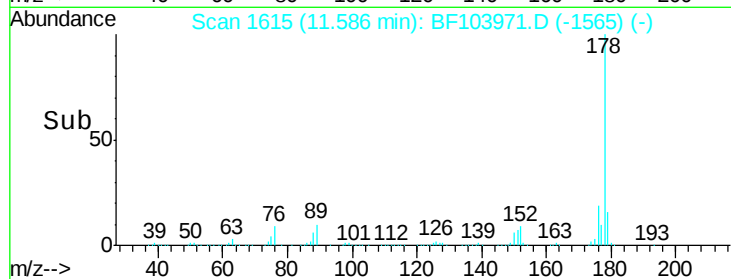
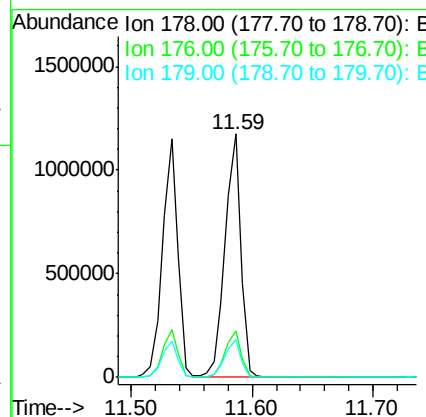
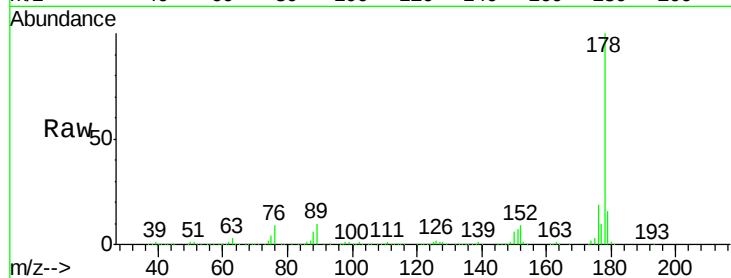




#71
 Anthracene
 Concen: 38.381 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

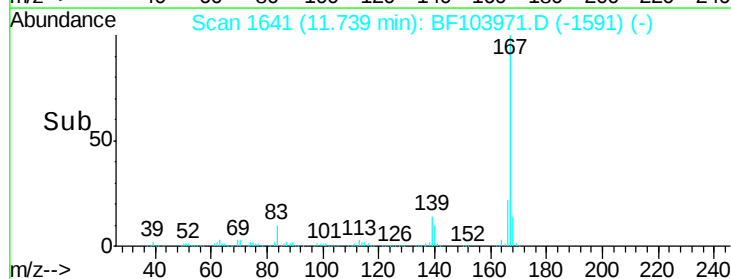
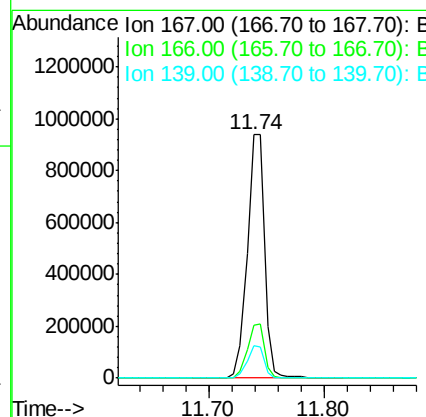
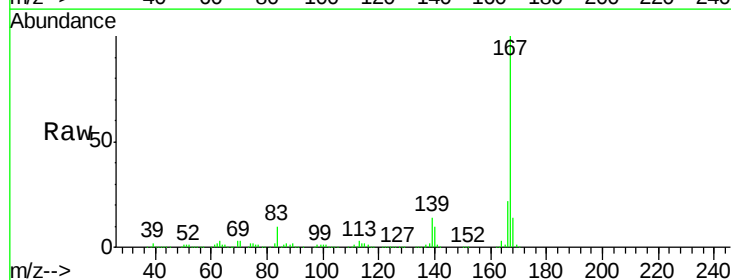
Instrument :
 BNA_F
 ClientSampleId :

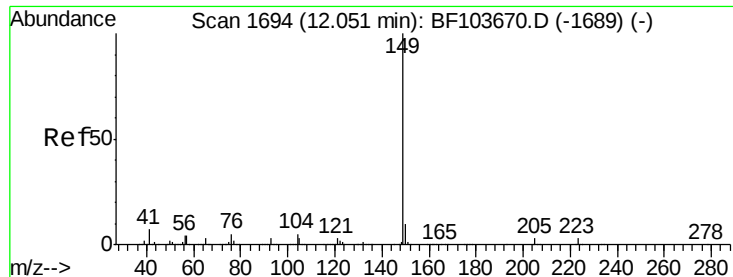
Tot Ion:178 Resp: 1065556
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 36.311 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion:167 Resp: 979805
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.540 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

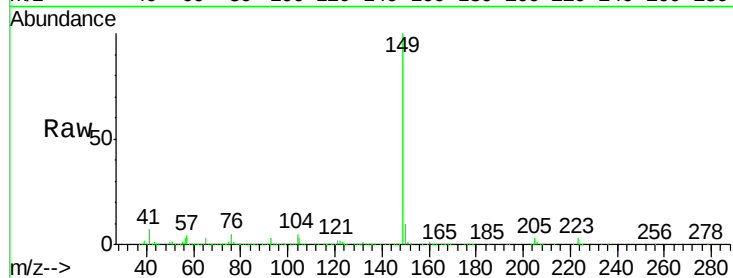
Tot Ion:149 Resp: 1215442

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

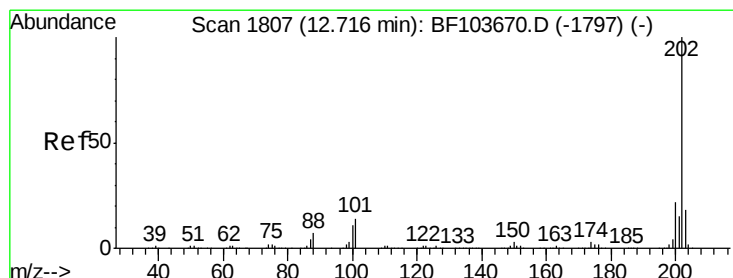
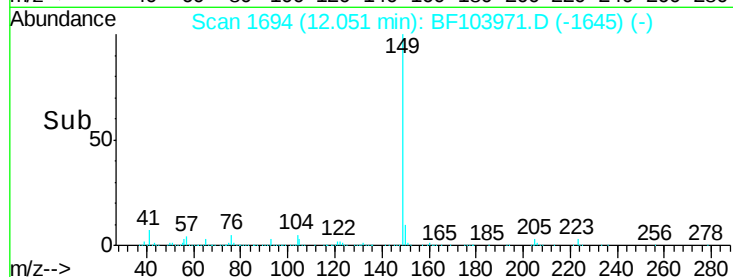
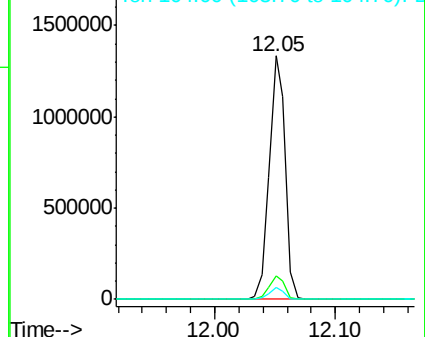
104 4.8 3.8 5.8



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: 38.144 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

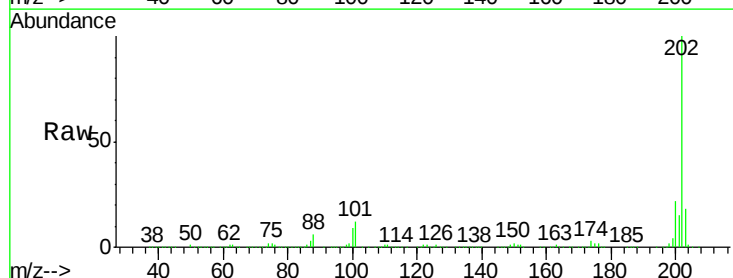
Tgt Ion:202 Resp: 1074171

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

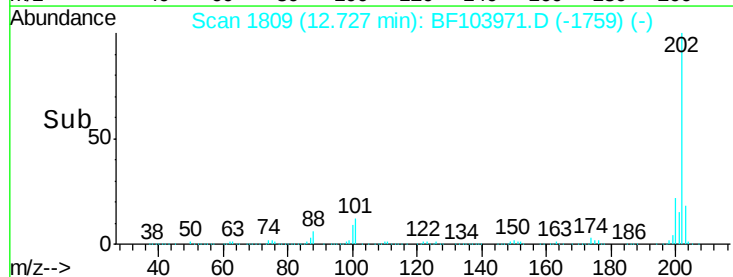
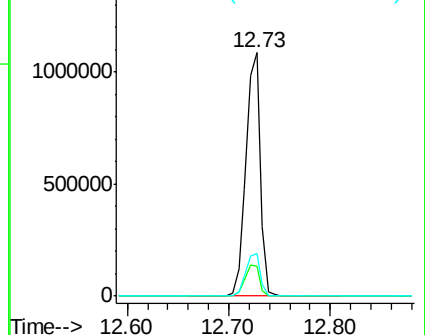
203 17.6 0.0 38.1

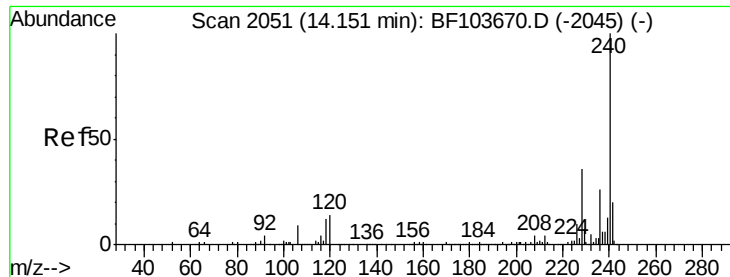


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

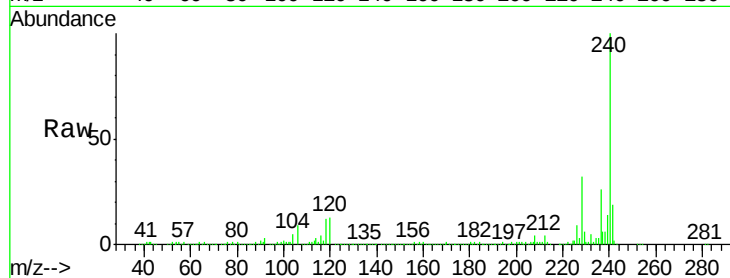
Tot Ion:240 Resp: 396449

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

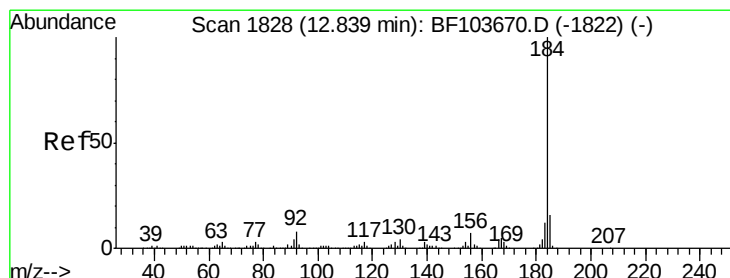
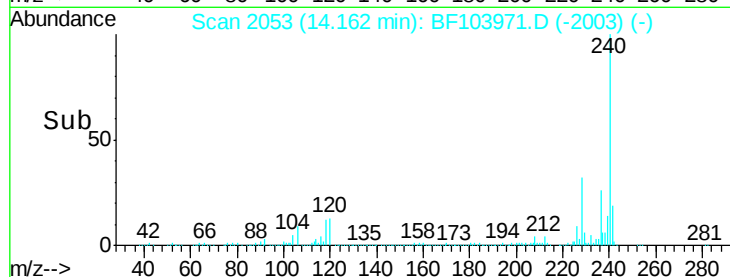
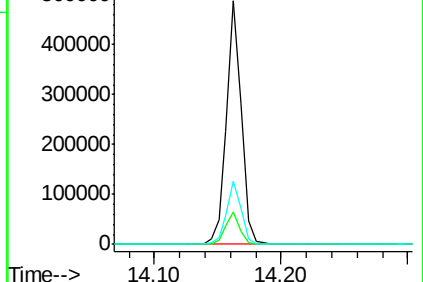
236 26.2 20.7 31.1



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: 13.319 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

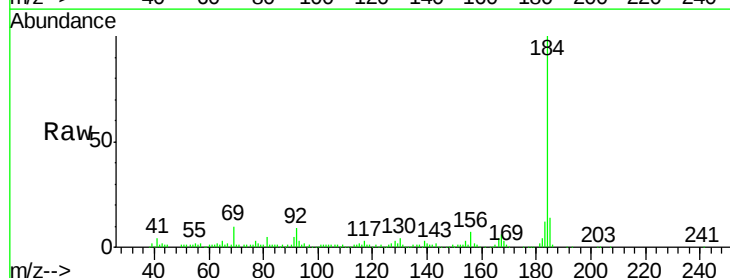
Tgt Ion:184 Resp: 225208

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

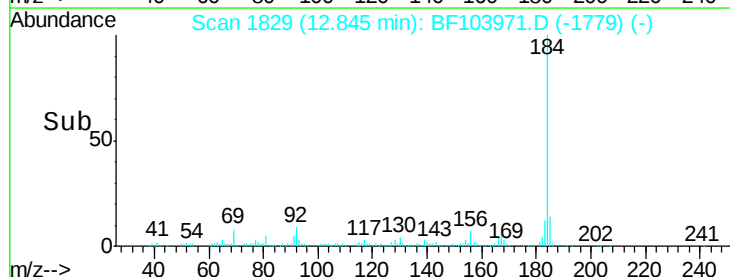
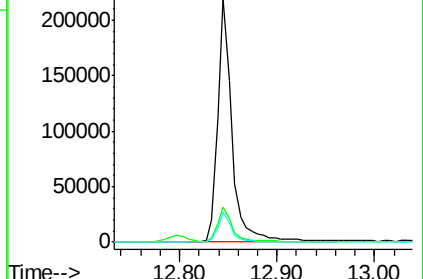
183 12.3 9.3 13.9

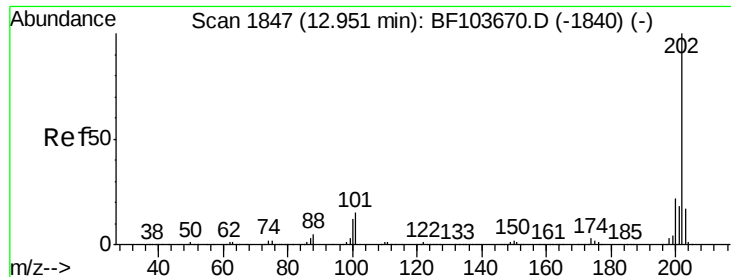


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

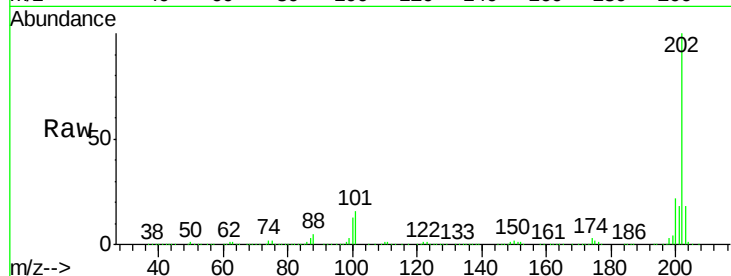




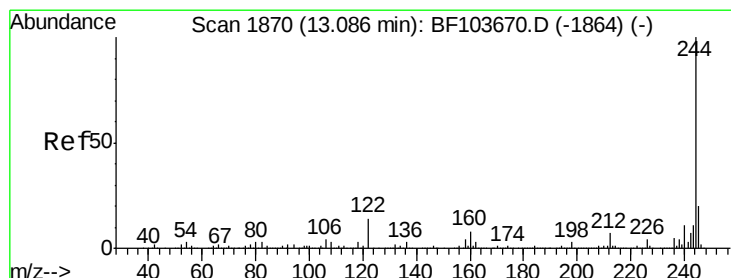
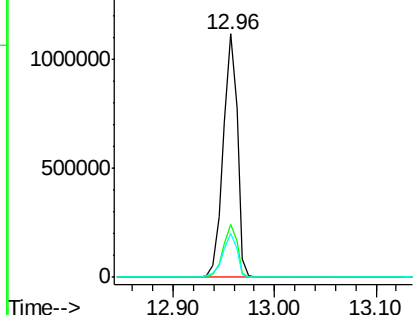
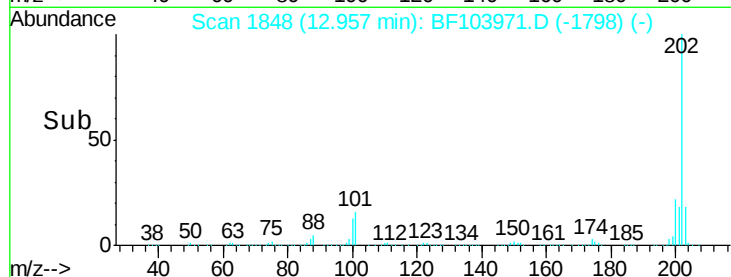
#77
Pvrene
Concen: 37.195 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1082921
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 18.1 14.3 21.5

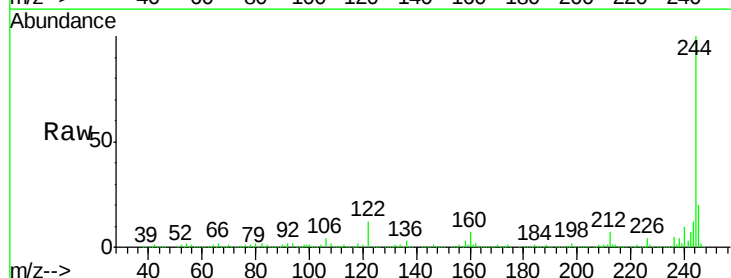


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

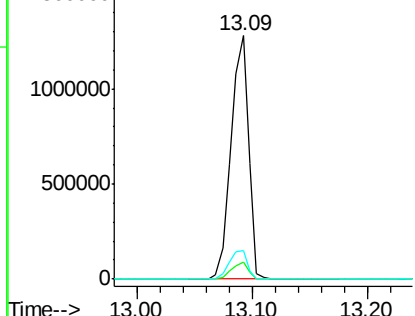
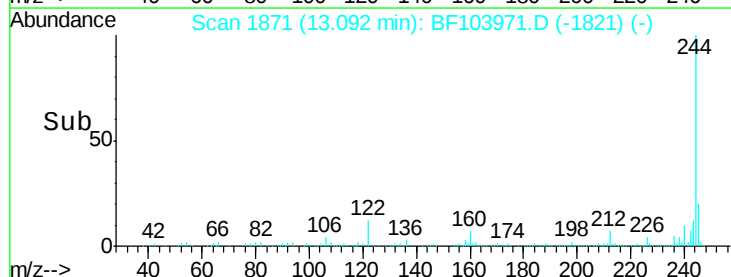


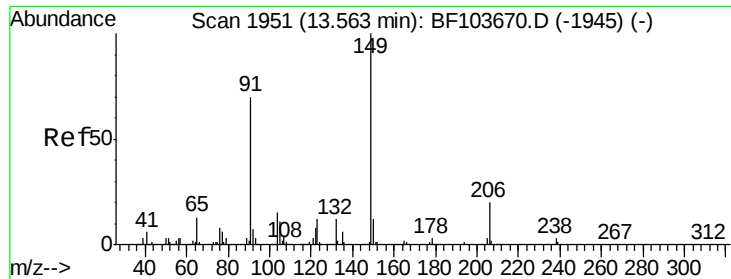
#78
Terphenyl-d14
Concen: 78.561 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion:244 Resp: 1341821
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.9 11.0 16.4



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

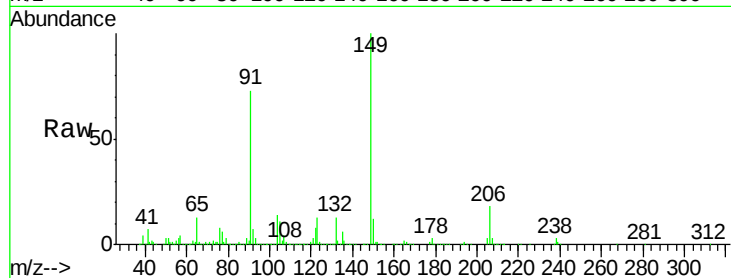




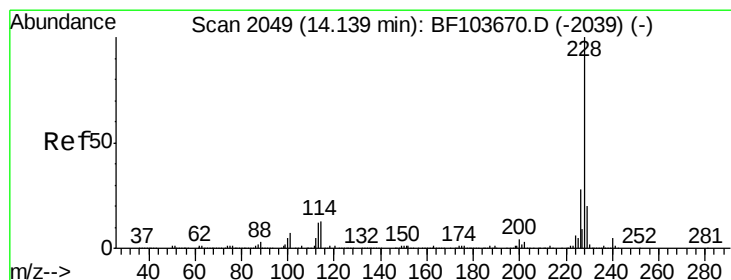
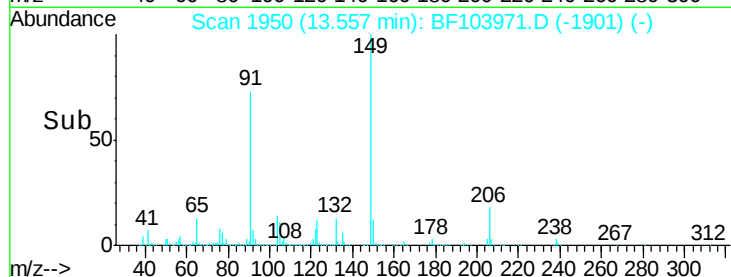
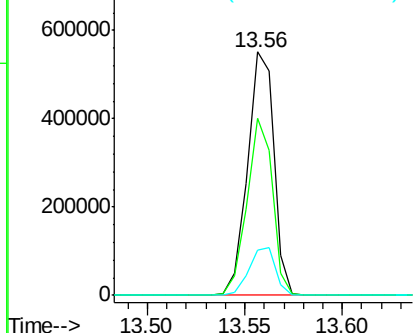
#79
Butylbenzylphthalate
Concen: 40.095 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.7	56.8	85.2
206	18.3	14.1	21.1

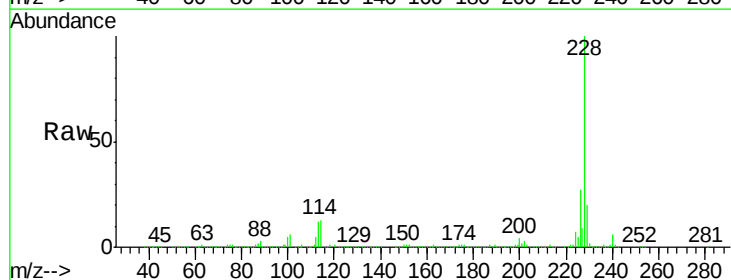


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

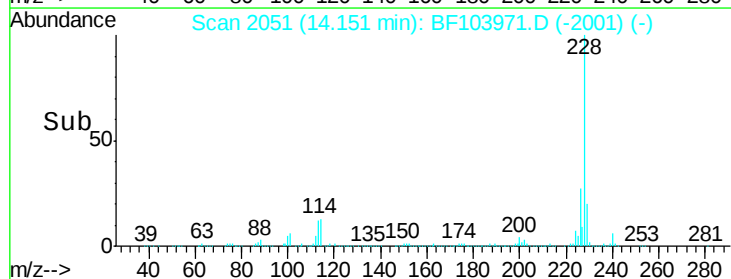
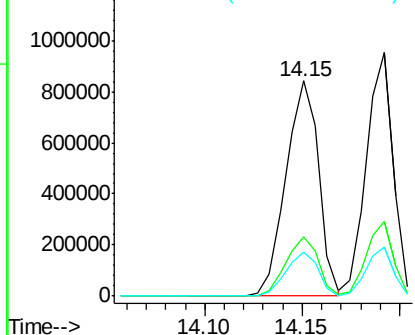


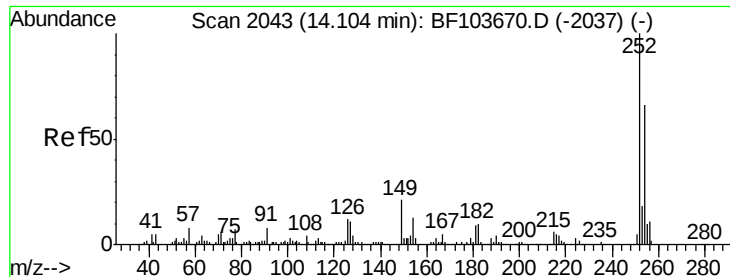
#80
Benzo(a)anthracene
Concen: 38.848 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.4	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

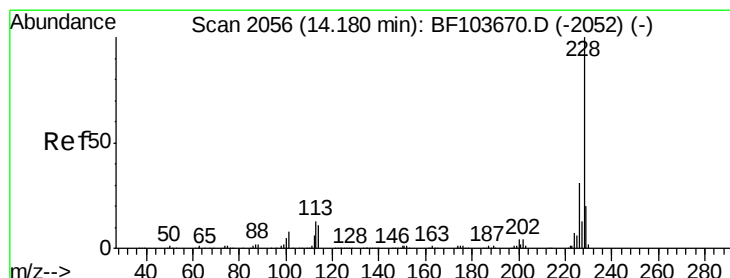
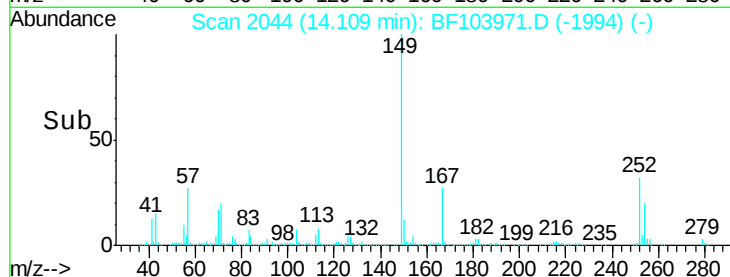
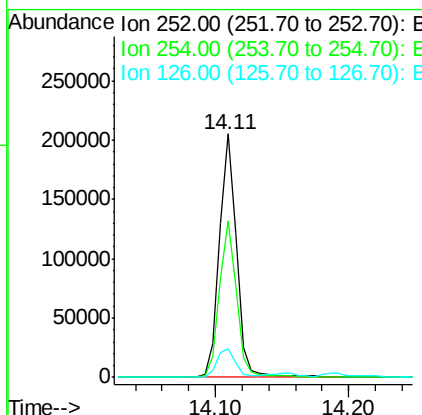
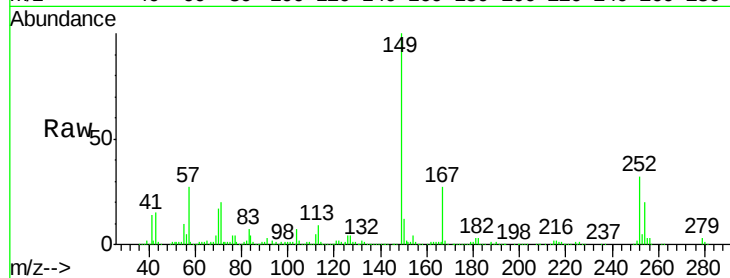




#81
 3,3'-Dichlorobenzidine
 Concen: 22.451 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

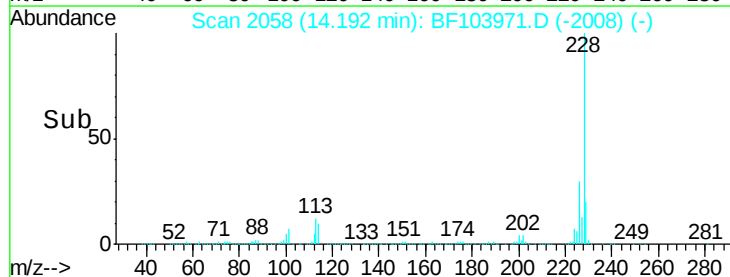
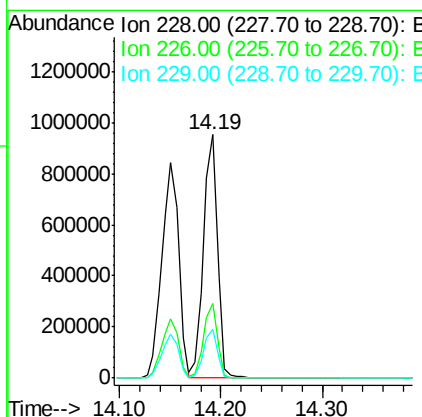
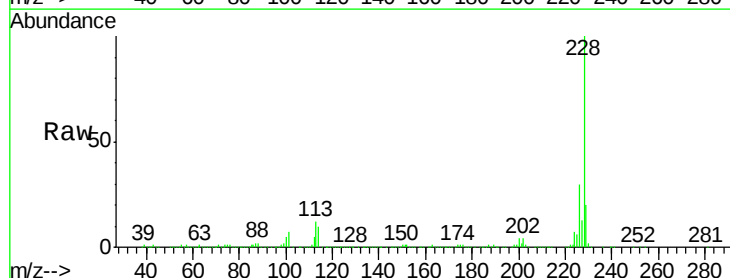
Instrument :
 BNA_F
 ClientSampled :

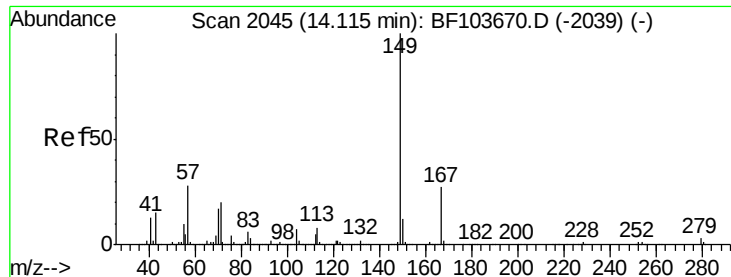
Tot Ion:252 Resp: 188460
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.4 75.6
 126 12.0 11.3 16.9



#82
 Chrysene
 Concen: 38.175 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion:228 Resp: 913229
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 20.0 16.2 24.4

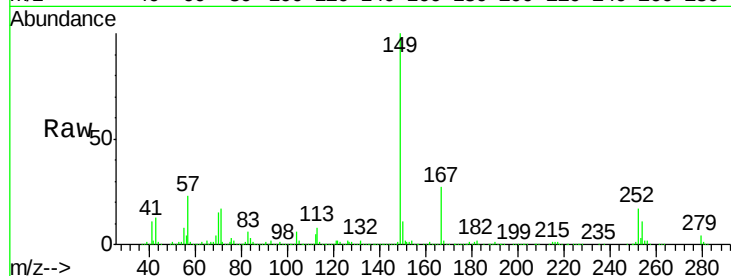




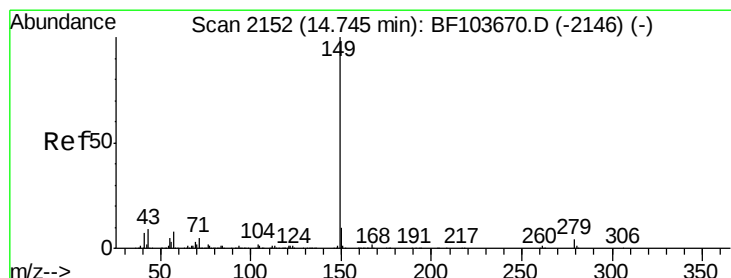
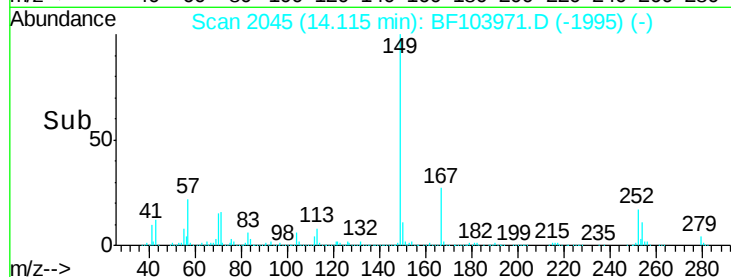
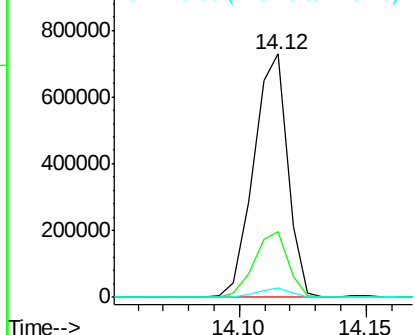
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.008 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 681980
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.9 3.0 4.4

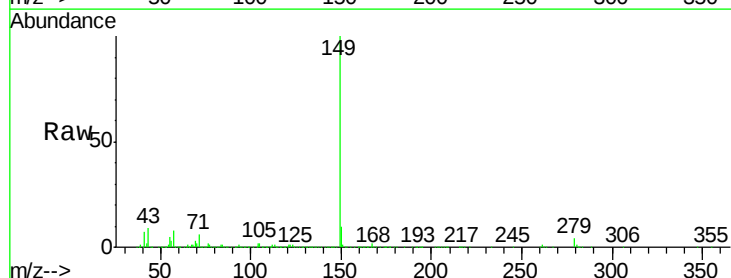


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

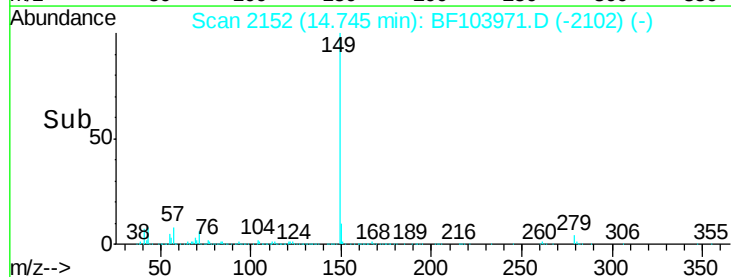
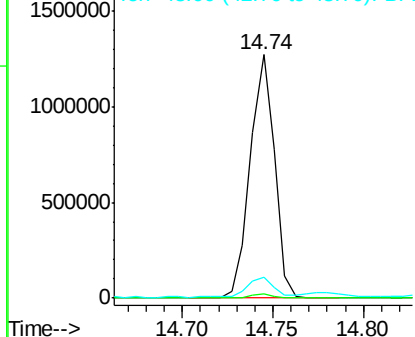


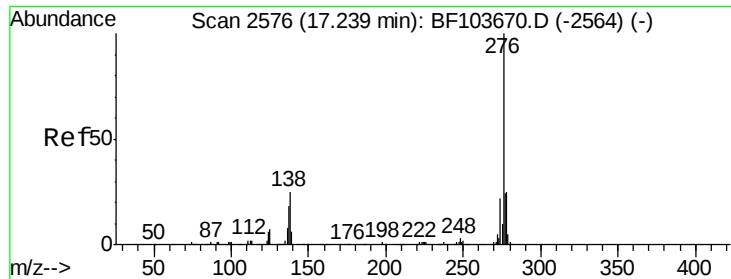
#84
 Di-n-octyl phthalate
 Concen: 44.303 ng
 RT: 14.74 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Tgt Ion:149 Resp: 1187734
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.5 8.4 12.6



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

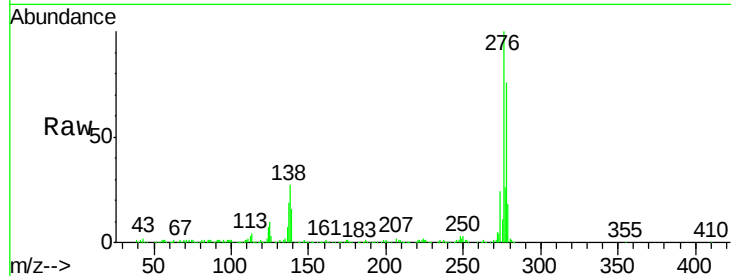




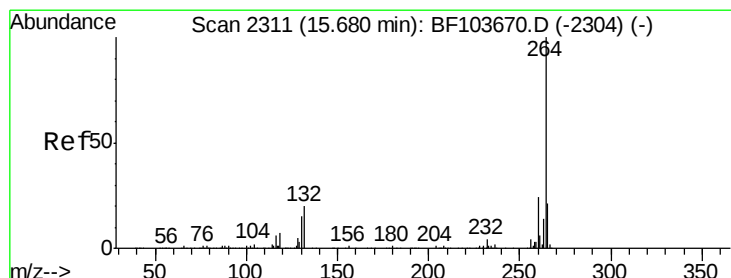
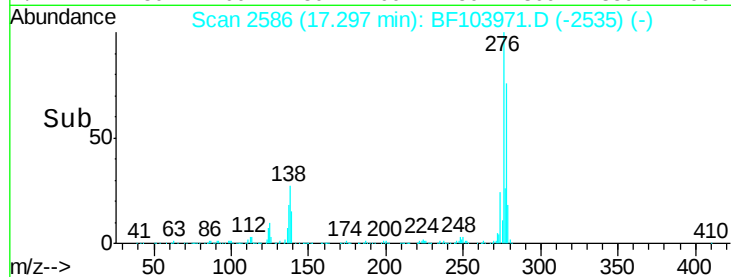
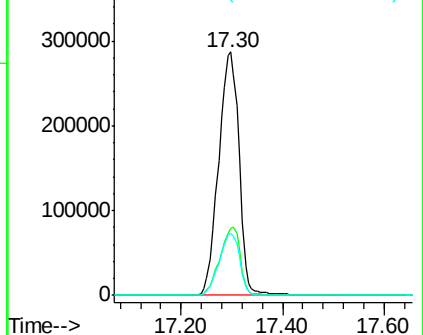
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.671 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 807877
Ion Ratio Lower Upper
276 100
138 28.0 25.0 37.6
277 25.7 20.1 30.1

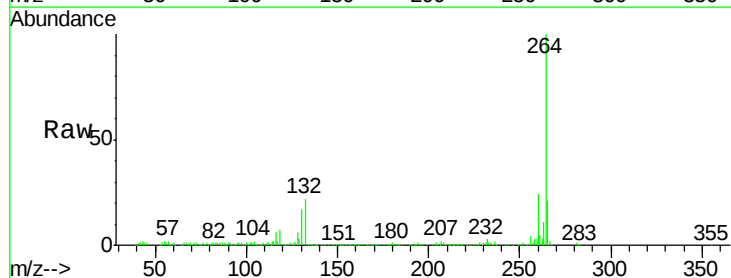


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

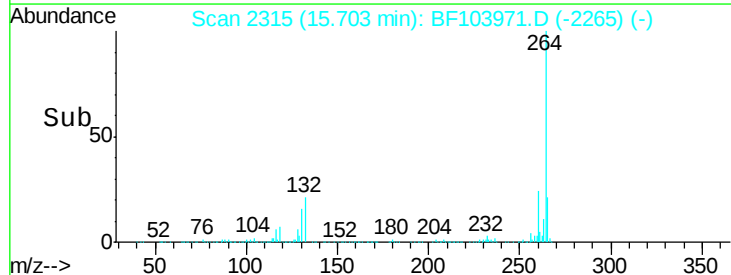
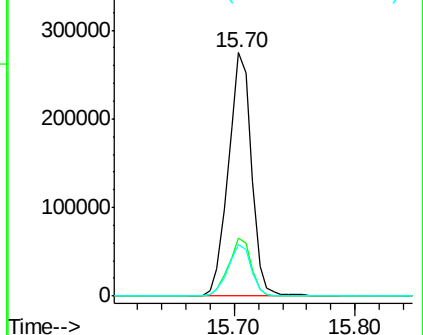


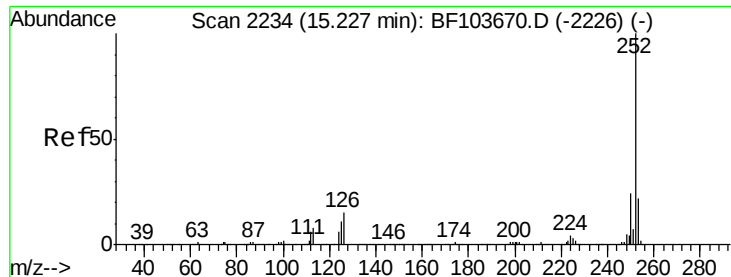
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion:264 Resp: 366546
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.3 17.5 26.3



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

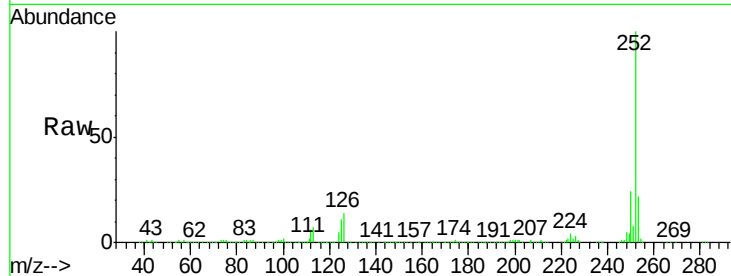




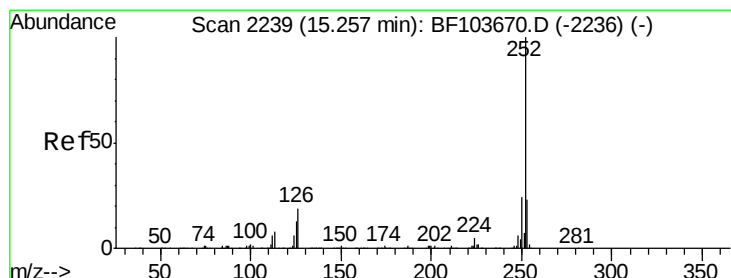
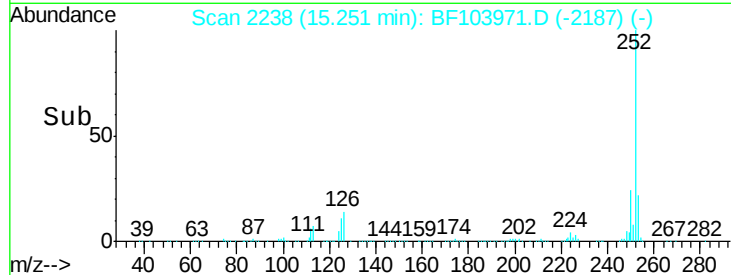
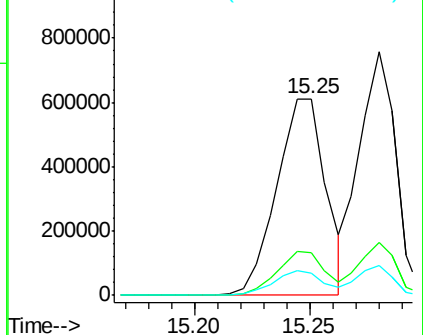
#87
Benzo(b)fluoranthene
Concen: 39.050 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 904310
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.1 9.0 13.6

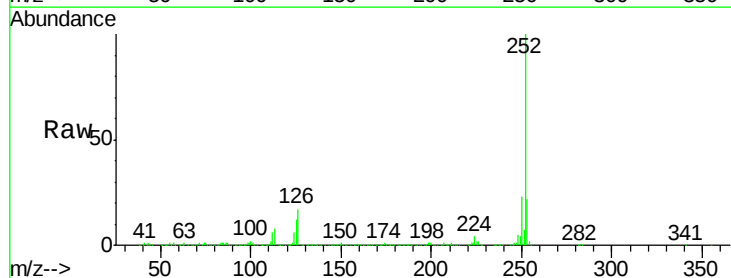


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

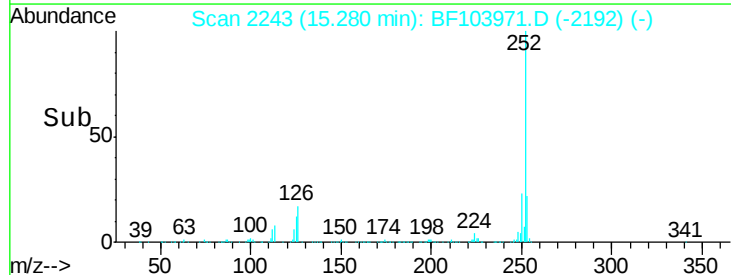
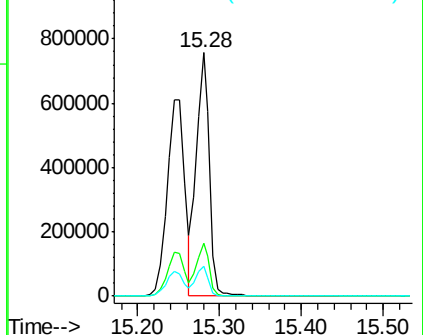


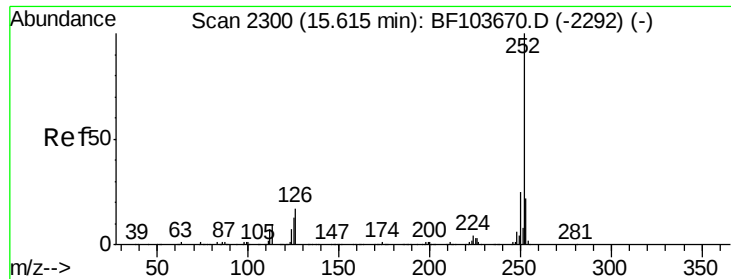
#88
Benzo(k)fluoranthene
Concen: 38.028 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF103971.D
Acq: 27 Mar 2018 15:58

Tgt Ion:252 Resp: 846518
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.2 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.180 ng

RT: 15.64 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

Instrument :

BNA_F

ClientSampleId :

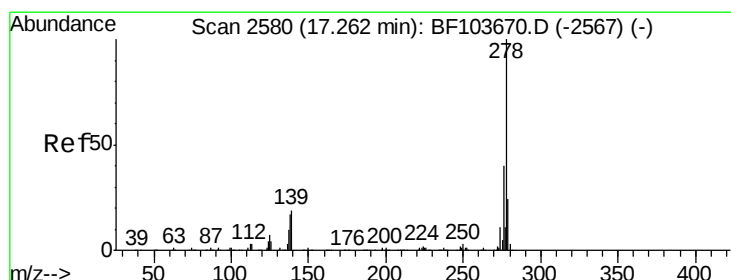
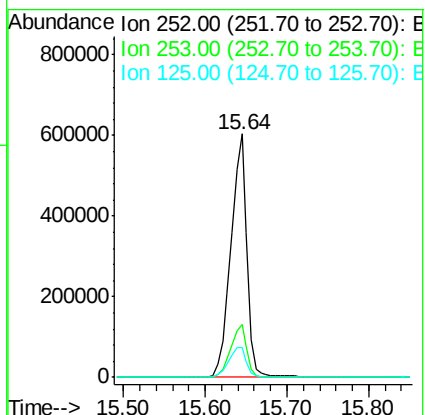
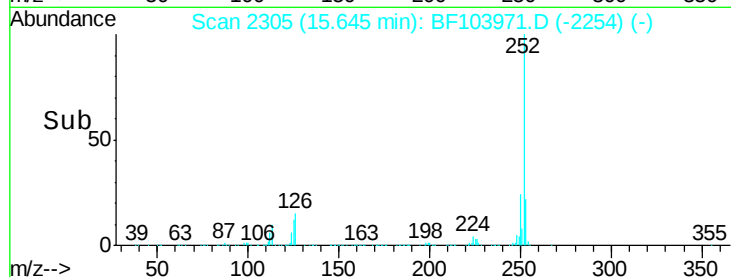
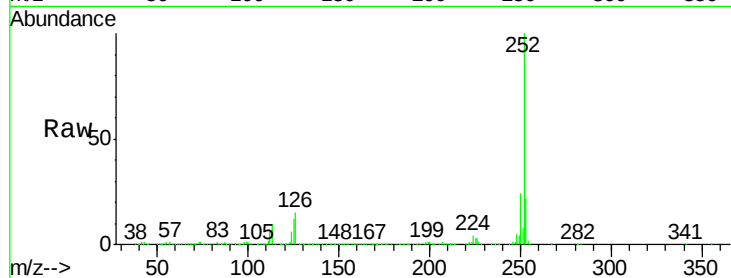
Tot Ion:252 Resp: 822942

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 12.5 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 36.493 ng

RT: 17.31 min Scan# 2588

Delta R.T. -0.01 min

Lab File: BF103971.D

Acq: 27 Mar 2018 15:58

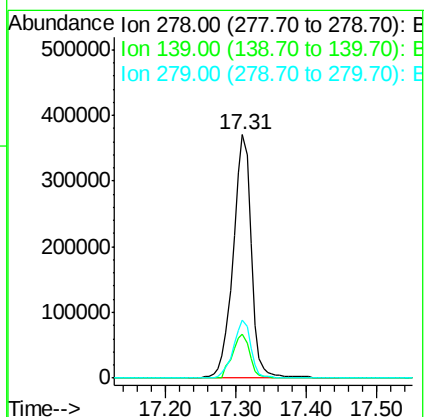
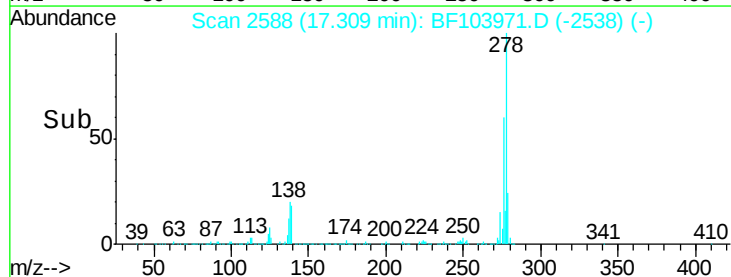
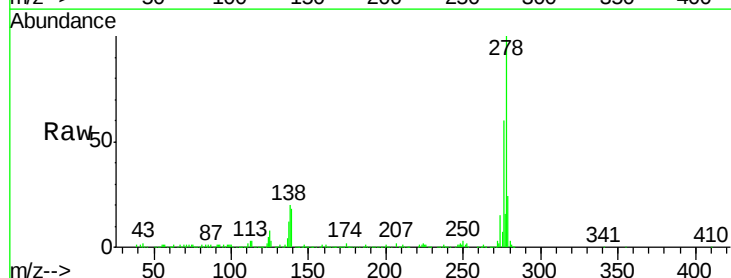
Tgt Ion:278 Resp: 663716

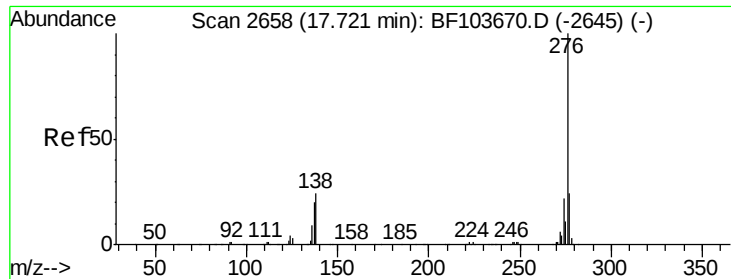
Ion Ratio Lower Upper

278 100

139 17.9 15.9 23.9

279 23.6 19.0 28.4

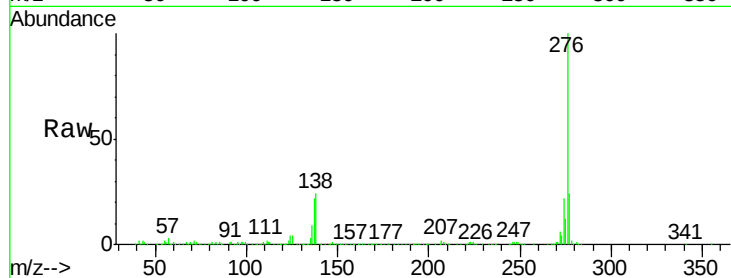




#91
 Benzo(a,h,i)perylene
 Concen: 37.230 ng
 RT: 17.78 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: BF103971.D
 Acq: 27 Mar 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	24.3	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

