

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103738.D
 Acq On : 17 Mar 2018 12:31
 Operator : JU/SJ
 Sample : J1750-02MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 07:03:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155956	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	619869	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	256878	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	365297	20.00	ng	0.00
75) Chrysene-d12	14.16	240	278065	20.00	ng	0.00
86) Perylene-d12	15.69	264	235861	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1195582	116.60	ng	0.03
7) Phenol-d6	6.60	99	1378063	109.85	ng	0.01
23) Nitrobenzene-d5	7.54	82	980793	110.34	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	301118	136.34	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1577118	97.94	ng	0.00
78) Terphenyl-d14	13.09	244	1152681	96.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	181050	35.860	ng	# 78
3) Pyridine	3.71	79	353748	25.473	ng	89
4) n-Nitrosodimethylamine	3.67	42	215293	42.046	ng	86
6) Aniline	6.64	93	144071	8.043	ng	98
8) 2-Chlorophenol	6.76	128	477378	44.444	ng	95
9) Benzaldehyde	6.53	77	165090	20.032	ng	97
10) Phenol	6.61	94	509623	38.232	ng	99
11) bis(2-Chloroethyl)ether	6.71	93	481265	43.735	ng	96
12) 1,3-Dichlorobenzene	6.92	146	500939	40.948	ng	99
13) 1,4-Dichlorobenzene	6.99	146	503481	40.956	ng	100
14) 1,2-Dichlorobenzene	7.15	146	467563	40.988	ng	100
15) Benzyl Alcohol	7.11	79	416104	42.811	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	670422	42.835	ng	96
17) 2-Methylphenol	7.22	107	401723	41.998	ng	98
18) Hexachloroethane	7.49	117	153240	35.438	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	329589	40.997	ng	92
20) 3+4-Methylphenols	7.37	107	481145	39.636	ng	94
22) Acetophenone	7.38	105	651992	40.926	ng	# 95
24) Nitrobenzene	7.56	77	511502	49.015	ng	98
25) Isophorone	7.79	82	964701	46.882	ng	99
26) 2-Nitrophenol	7.87	139	208996	51.726	ng	98
27) 2,4-Dimethylphenol	7.90	122	449805	51.026	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	610960	49.033	ng	100
29) 2,4-Dichlorophenol	8.11	162	390957	48.748	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	398755	42.868	ng	98
31) Naphthalene	8.28	128	1442376	46.064	ng	100
32) Benzoic acid	8.01	122	250248	41.836	ng	99
33) 4-Chloroaniline	8.32	127	72746	5.538	ng	98
34) Hexachlorobutadiene	8.39	225	211713	41.512	ng	99
35) Caprolactam	8.69	113	90934	32.928	ng	# 85
36) 4-Chloro-3-methylphenol	8.80	107	421192	47.639	ng	98
37) 2-Methylnaphthalene	8.97	142	889616	44.801	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	354748	48.407	ng	99
40) Hexachlorocyclopentadiene	9.12	237	110029	29.097	ng	98

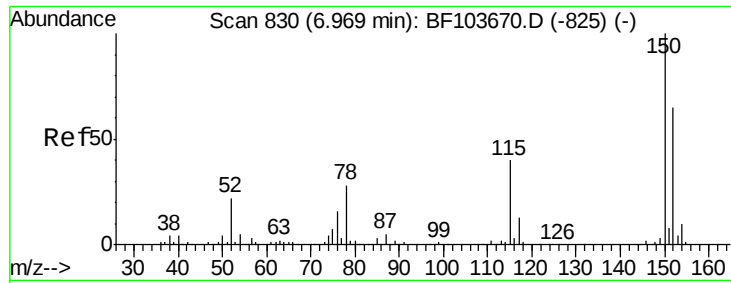
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
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 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	253362	54.051	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	263873	49.875	ng	98
45) 1,1'-Biphenyl	9.43	154	999039	46.641	ng	100
46) 2-Chloronaphthalene	9.46	162	784312	46.101	ng	98
47) 2-Nitroaniline	9.56	65	251534	55.308	ng	93
48) Acenaphthylene	9.88	152	1153395	43.719	ng	100
49) Dimethylphthalate	9.73	163	978550	49.930	ng	99
50) 2,6-Dinitrotoluene	9.79	165	193311	50.741	ng	94
51) Acenaphthene	10.05	154	692178	44.187	ng	100
52) 3-Nitroaniline	9.96	138	112373	26.580	ng	100
53) 2,4-Dinitrophenol	10.07	184	38025	47.664	ng	# 19
54) Dibenzofuran	10.22	168	1026176	45.868	ng	99
55) 4-Nitrophenol	10.12	139	290697	80.953	ng	91
56) 2,4-Dinitrotoluene	10.20	165	237247	49.214	ng	97
57) Fluorene	10.57	166	748772	43.131	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	188256	50.217	ng	98
59) Diethylphthalate	10.43	149	914609	47.019	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	362624	45.705	ng	100
61) 4-Nitroaniline	10.58	138	192884	44.411	ng	98
62) Azobenzene	10.72	77	840158	42.483	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	27751	27.793	ng	96
65) n-Nitrosodiphenylamine	10.67	169	694218	55.832	ng	98
66) 4-Bromophenyl-phenylether	11.04	248	206611	55.087	ng	95
67) Hexachlorobenzene	11.12	284	207217	48.407	ng	# 91
68) Atrazine	11.20	200	190382	49.497	ng	99
69) Pentachlorophenol	11.30	266	211802	86.061	ng	95
70) Phenanthrene	11.53	178	946380	47.360	ng	99
71) Anthracene	11.59	178	962741	47.436	ng	100
72) Carbazole	11.74	167	882260	44.725	ng	99
73) Di-n-butylphthalate	12.06	149	1229842	51.959	ng	100
74) Fluoranthene	12.73	202	886083	43.042	ng	97
76) Benzidine	12.84	184	174991	14.755	ng	98
77) Pyrene	12.96	202	892618	43.711	ng	100
79) Butylbenzylphthalate	13.56	149	445502	49.240	ng	96
80) Benzo(a)anthracene	14.15	228	848131	48.185	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	239454	40.671	ng	99
82) Chrysene	14.19	228	787721	46.948	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	632472	48.933	ng	99
84) Di-n-octyl phthalate	14.74	149	1089983	57.966	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	638818	43.597	ng	98
87) Benzo(b)fluoranthene	15.24	252	734772	49.310	ng	99
88) Benzo(k)fluoranthene	15.27	252	712404	49.735	ng	100
89) Benzo(a)pyrene	15.63	252	662328	49.005	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	548418	46.861	ng	99
91) Benzo(g,h,i)perylene	17.74	276	515766	45.301	ng	97

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

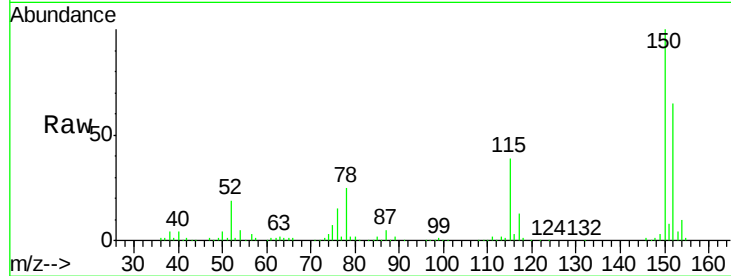


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	60.7	50.1	75.1

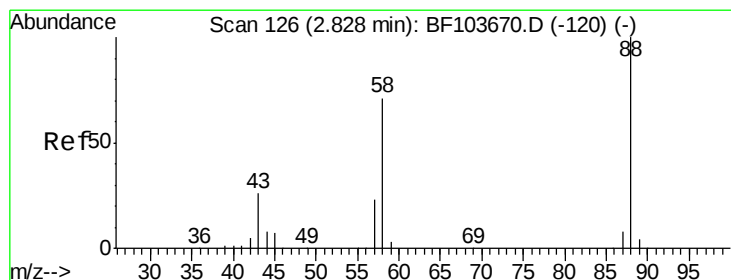
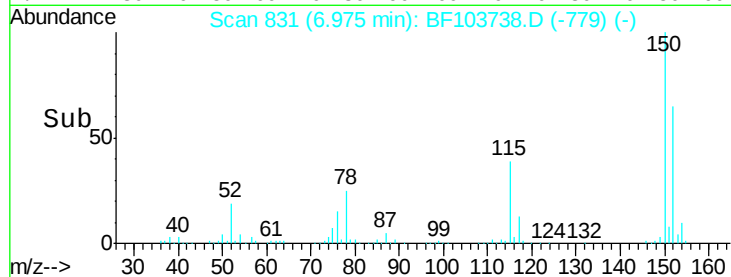
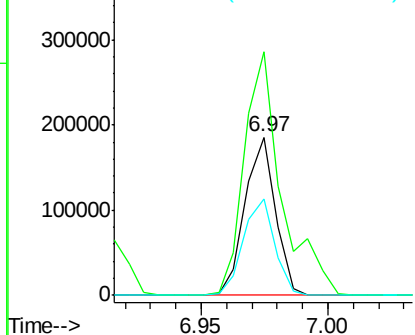


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

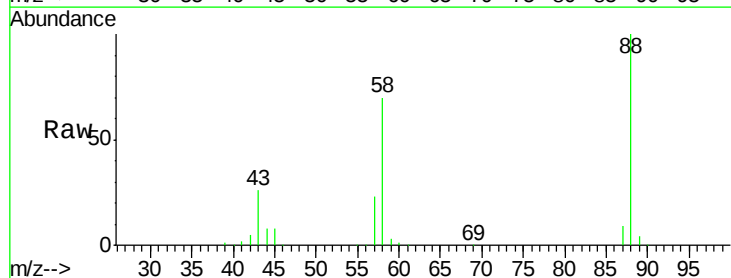
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.860 ng
RT: 3.02 min Scan# 158
Delta R.T. 0.19 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	62.6	93.8
43	0.0	24.6	37.0

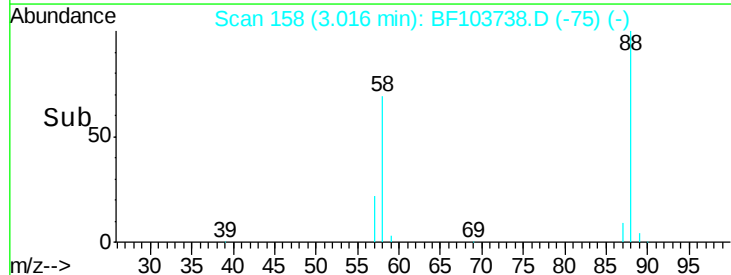
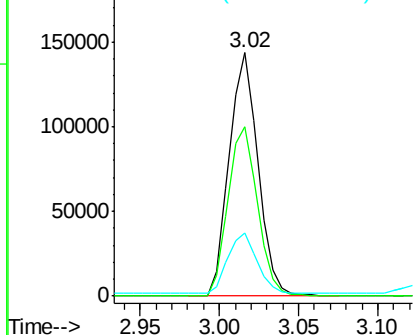


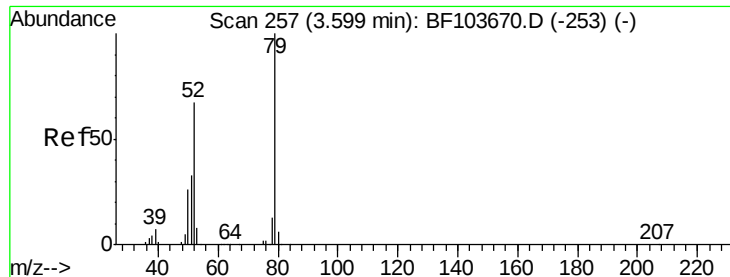
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.473 ng

RT: 3.71 min Scan# 276

Delta R.T. 0.11 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

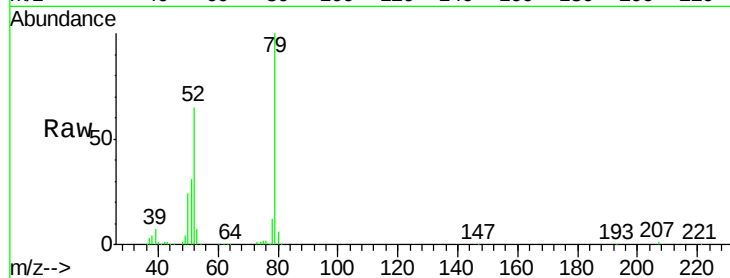
Tot Ion: 79 Resp: 353748

Ion Ratio Lower Upper

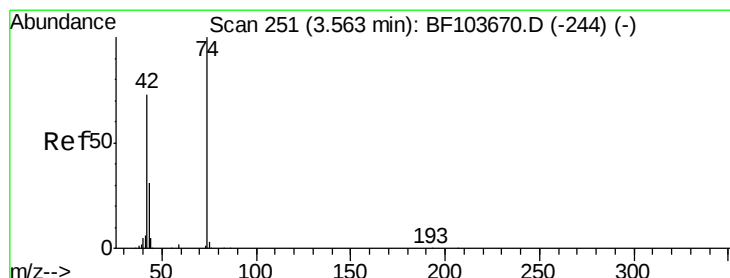
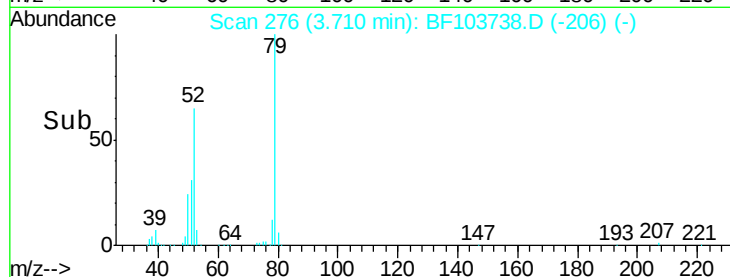
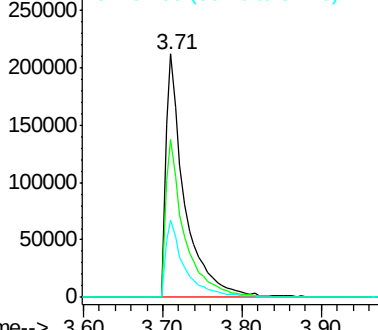
79 100

52 64.9 59.8 89.6

51 31.5 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: 42.046 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.11 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

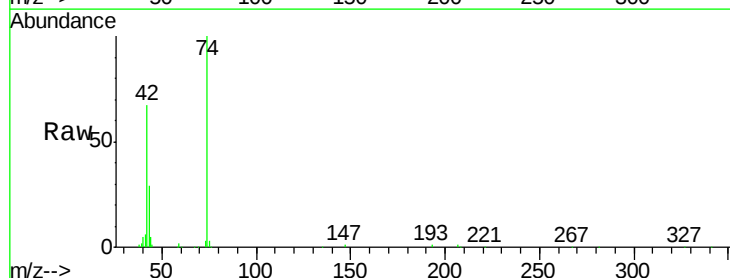
Tgt Ion: 42 Resp: 215293

Ion Ratio Lower Upper

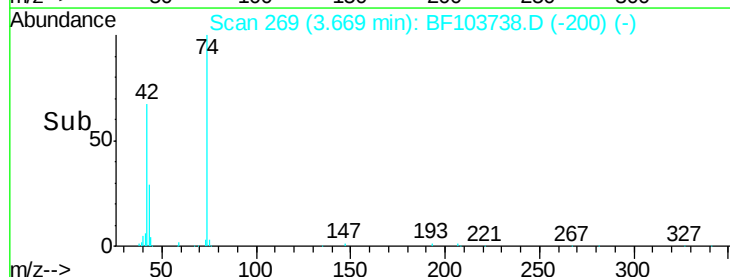
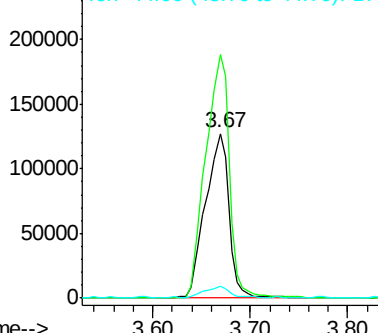
42 100

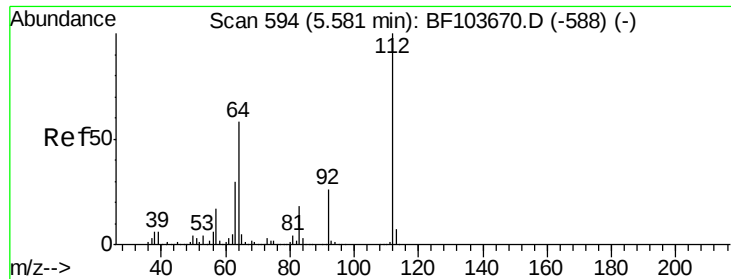
74 148.2 104.9 157.3

44 6.9 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: 116.602 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.03 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampled :

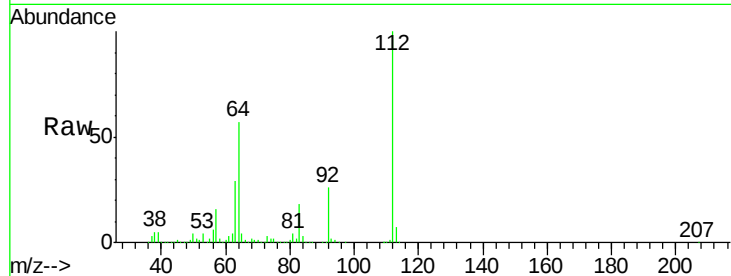
Tot Ion:112 Resp: 1195582

Ion Ratio Lower Upper

112 100

64 56.9 47.9 71.9

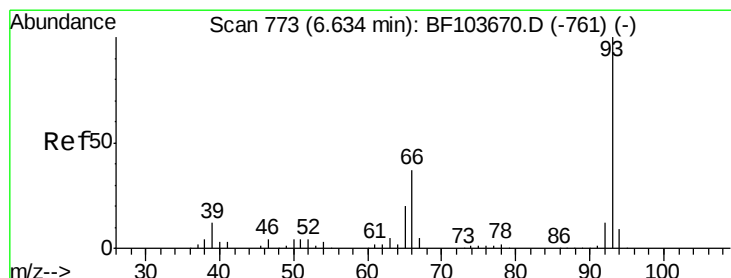
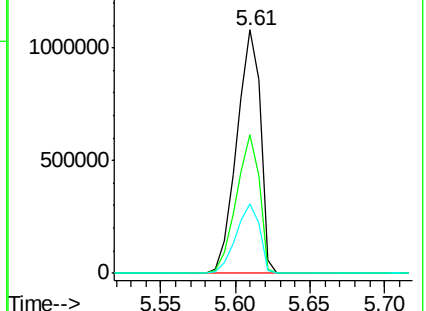
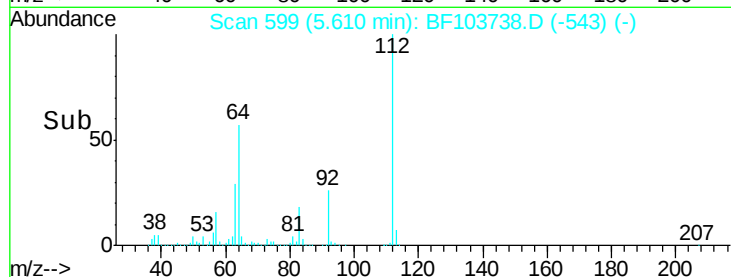
63 28.8 23.7 35.5



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: 8.043 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

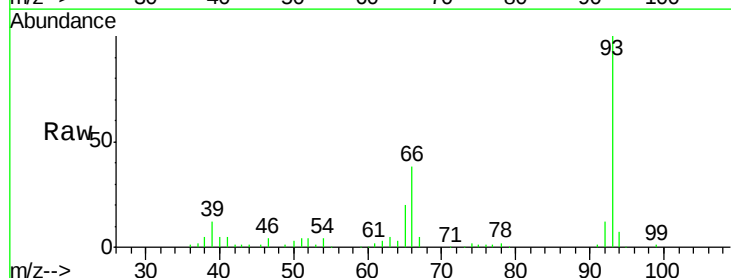
Tgt Ion: 93 Resp: 144071

Ion Ratio Lower Upper

93 100

66 38.4 32.2 48.2

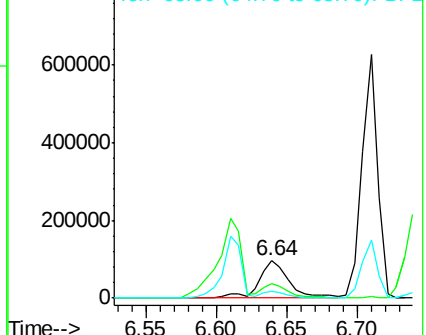
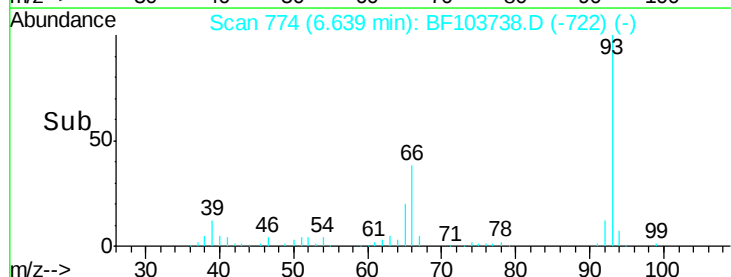
65 19.9 16.4 24.6



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: 109.854 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampled :

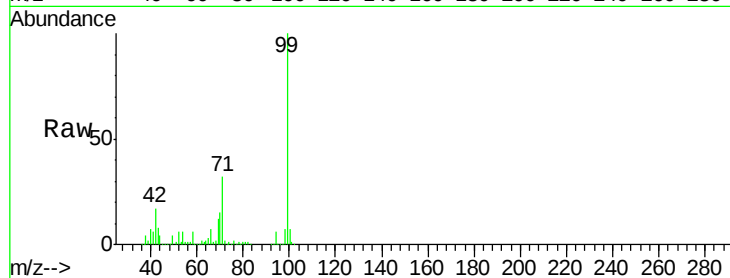
Tot Ion: 99 Resp: 1378063

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

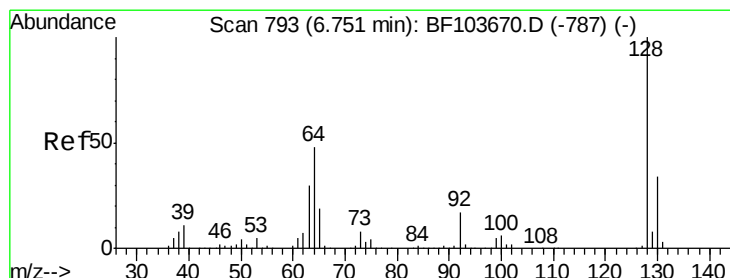
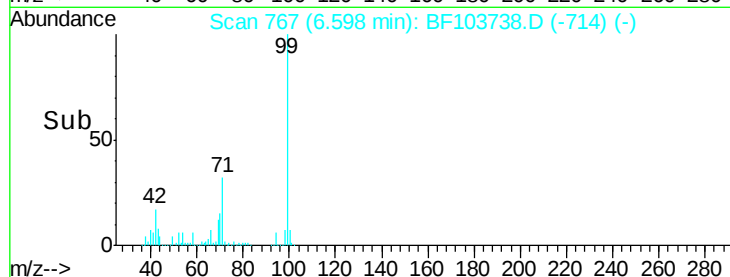
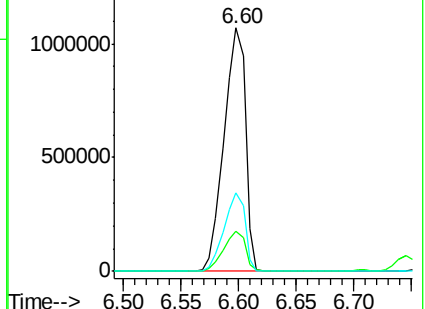
71 32.3 25.4 38.0



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: 44.444 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

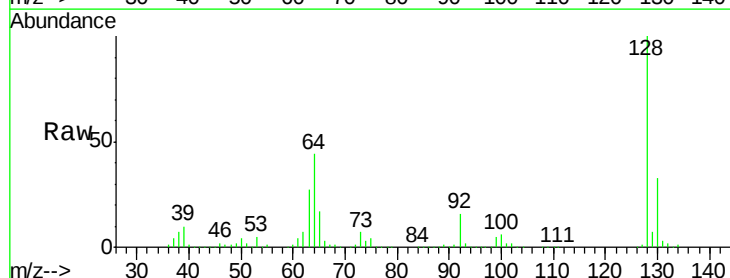
Tgt Ion:128 Resp: 477378

Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

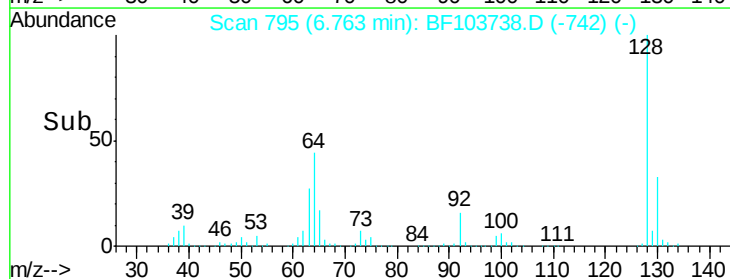
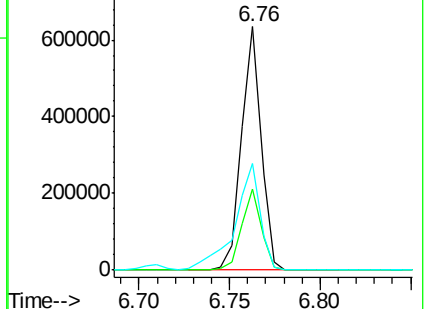
64 43.8 29.4 69.4

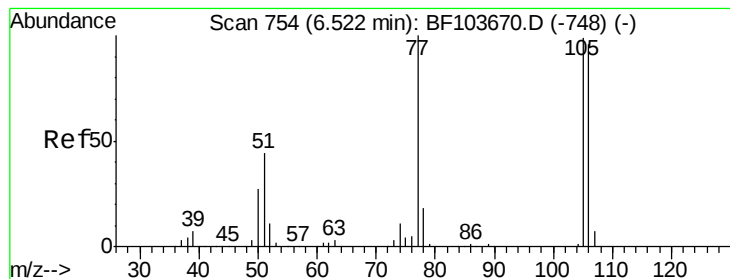


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.032 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

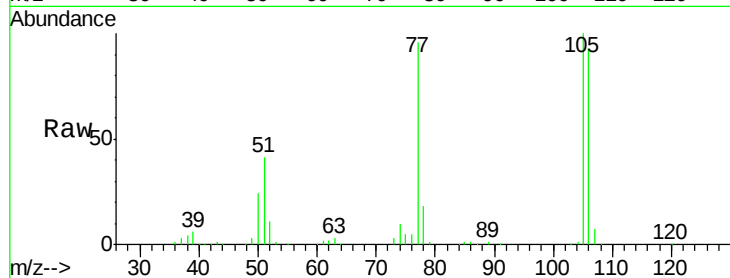
Tot Ion: 77 Resp: 165090

Ion Ratio Lower Upper

77 100

105 104.5 81.1 121.1

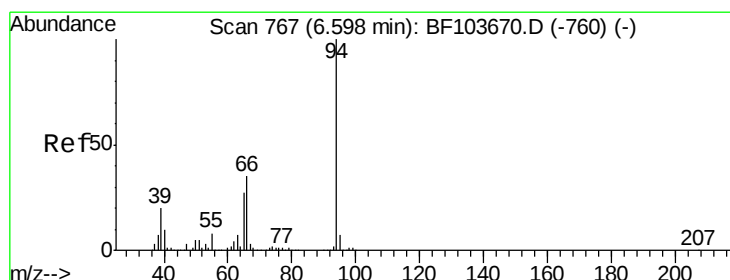
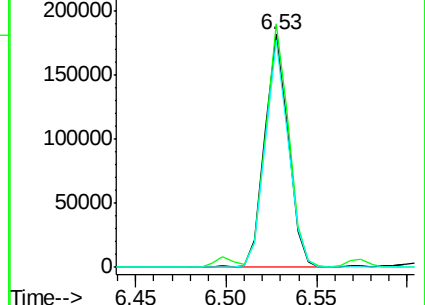
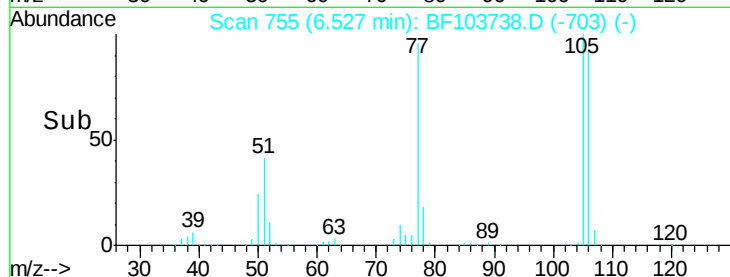
106 97.4 74.5 114.5



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: 38.232 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

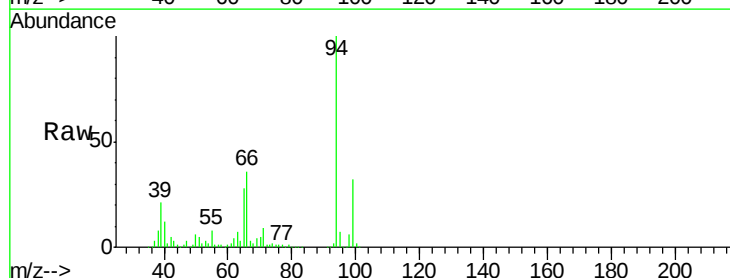
Tgt Ion: 94 Resp: 509623

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

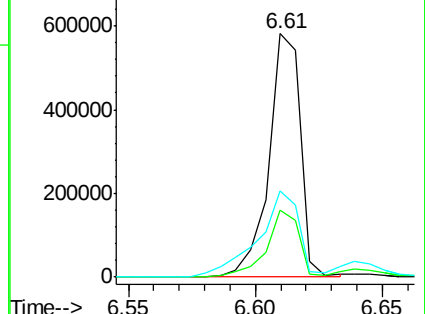
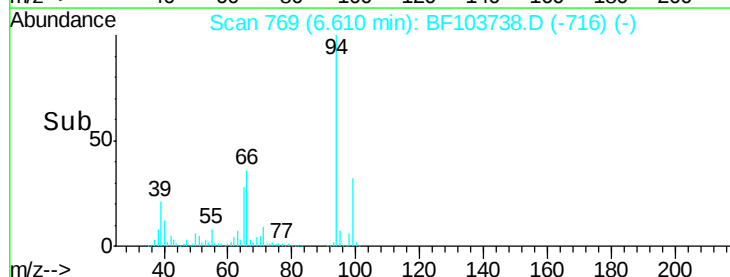
66 35.5 16.2 56.2

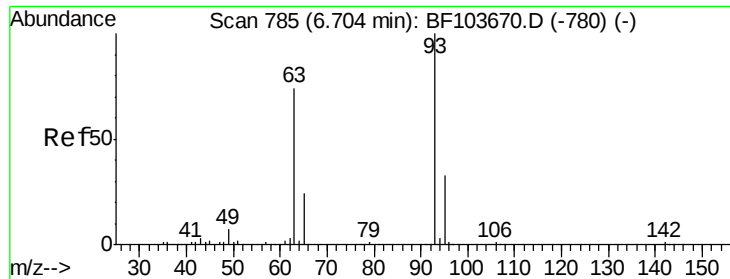


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

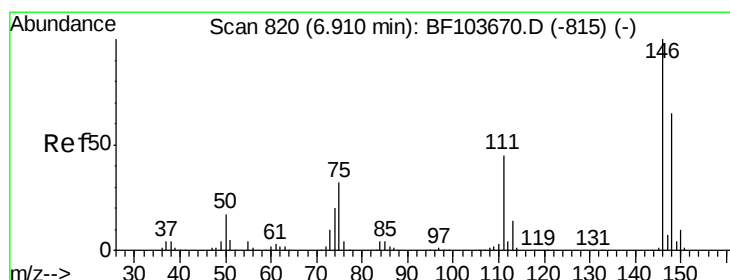
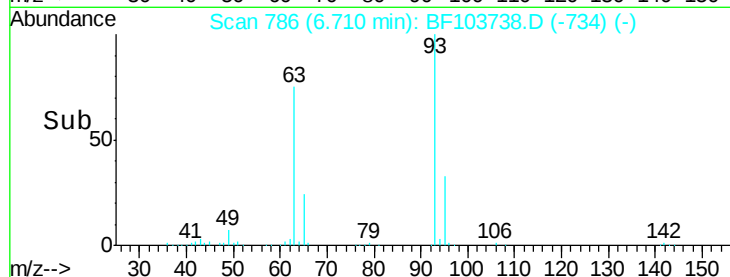
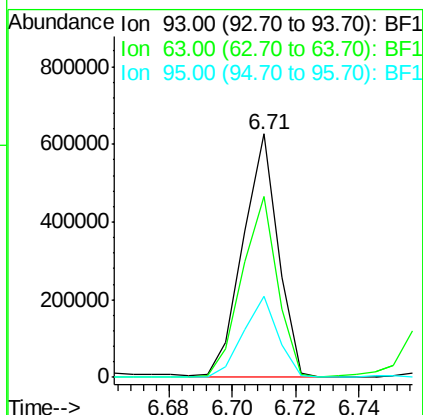
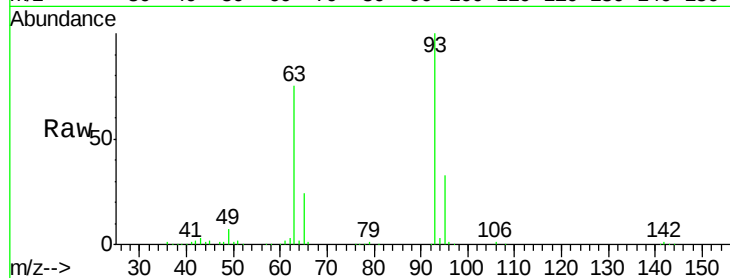




#11
bis(2-Chloroethyl)ether
Concen: 43.735 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

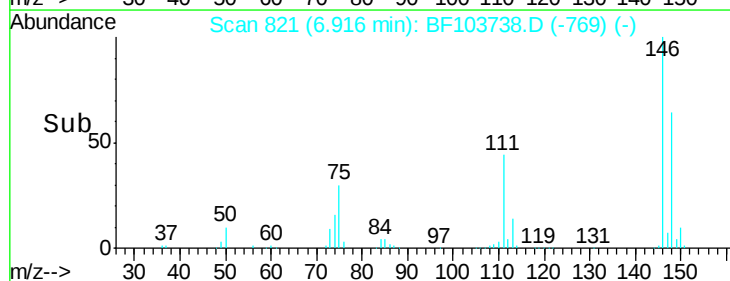
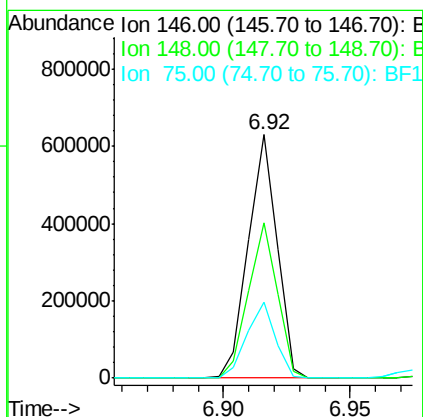
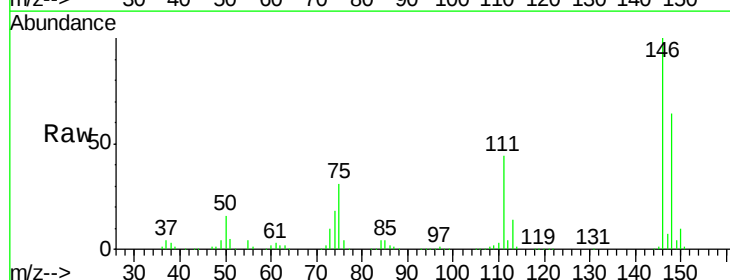
Instrument :
BNA_F
ClientSampleId :

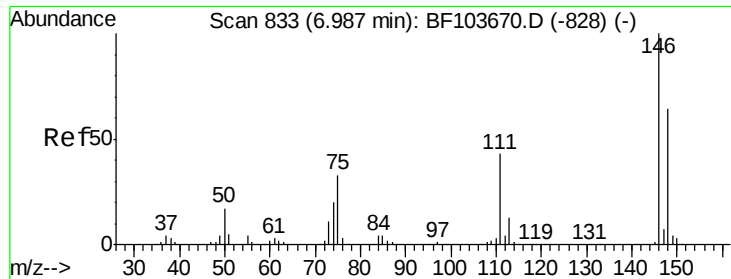
Tot Ion	93	Resp	481265
Ion Ratio	Lower	Upper	
93	100		
63	74.6	58.6	98.6
95	33.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 40.948 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion	146	Resp	500939
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
75	31.0	24.2	36.4

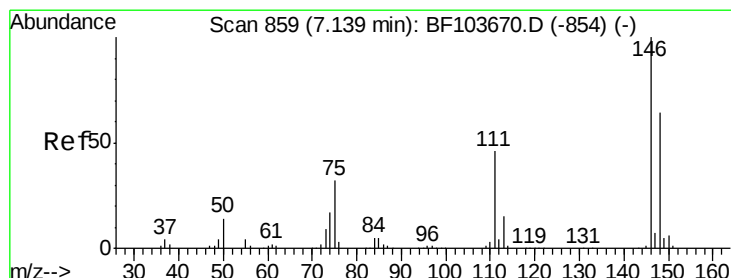
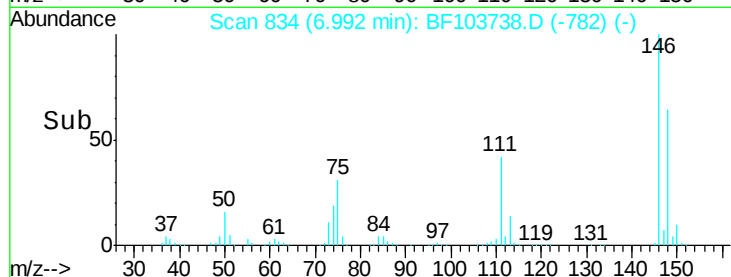
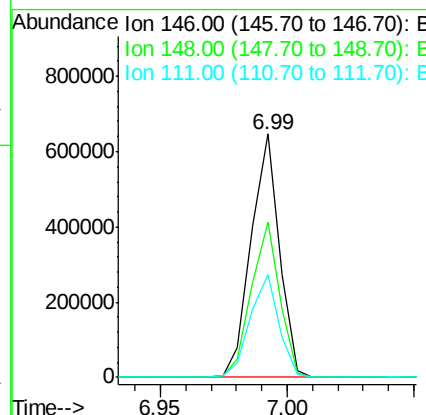
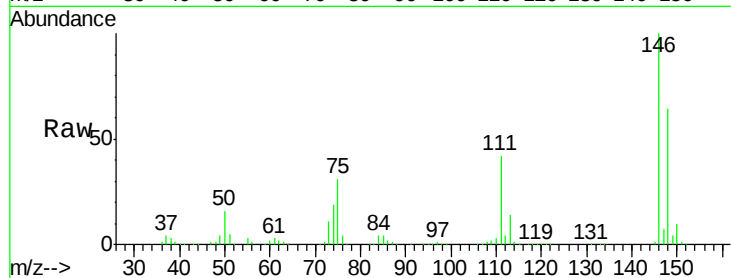




#13
 1,4-Dichlorobenzene
 Concen: 40.956 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

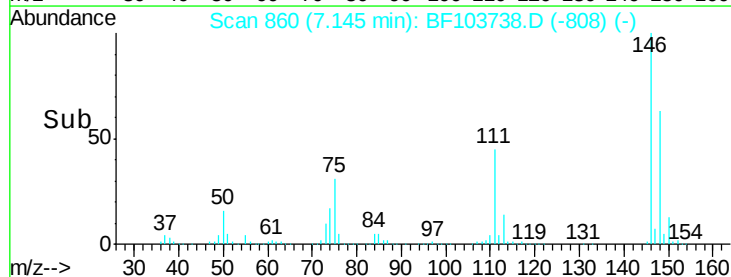
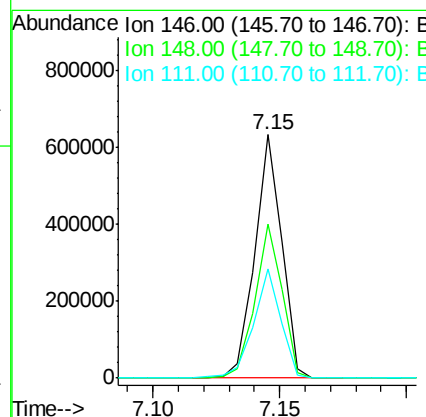
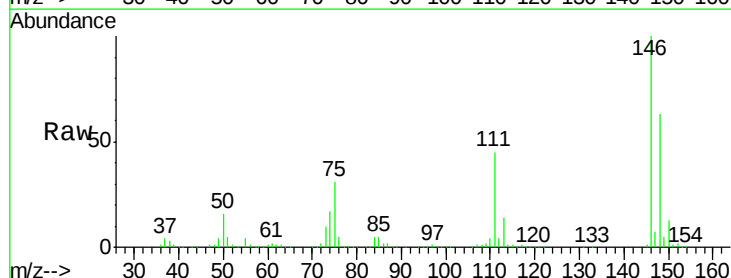
Instrument :
 BNA_F
 ClientSampleId :

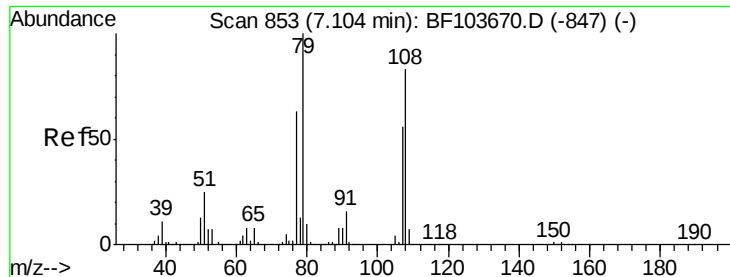
Tot Ion:146 Resp: 503481
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 42.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.988 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Tgt Ion:146 Resp: 467563
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 44.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 42.811 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

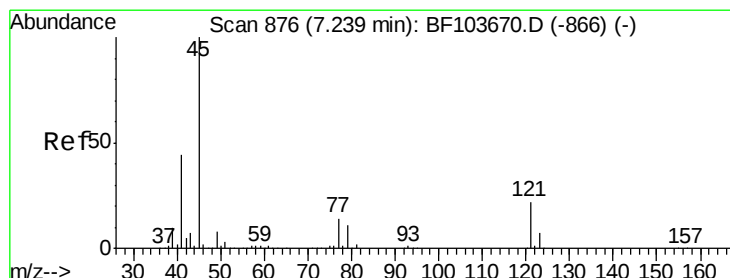
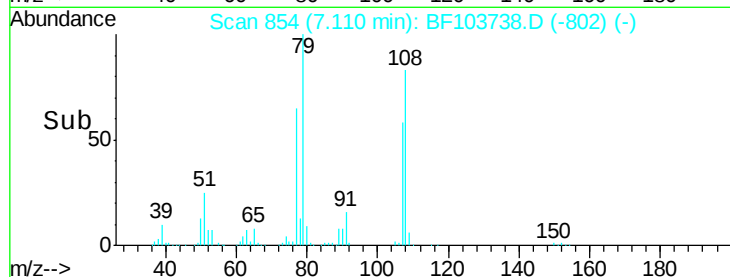
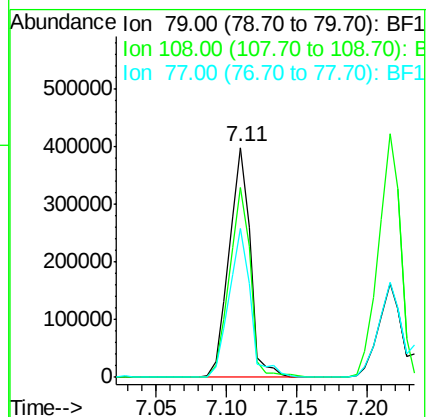
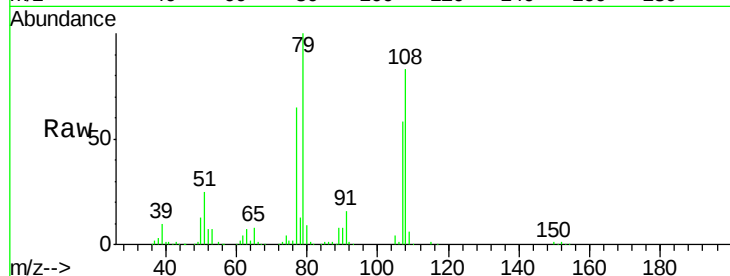
Tot Ion: 79 Resp: 416104

Ion Ratio Lower Upper

79 100

108 82.7 65.1 97.7

77 64.8 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.835 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

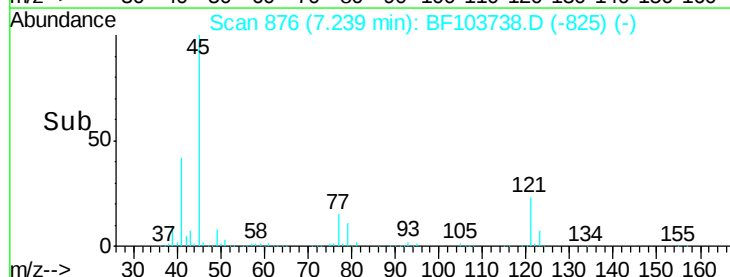
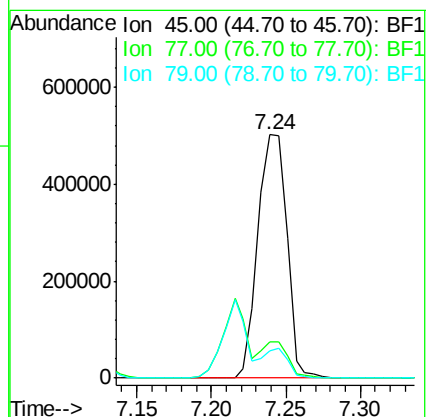
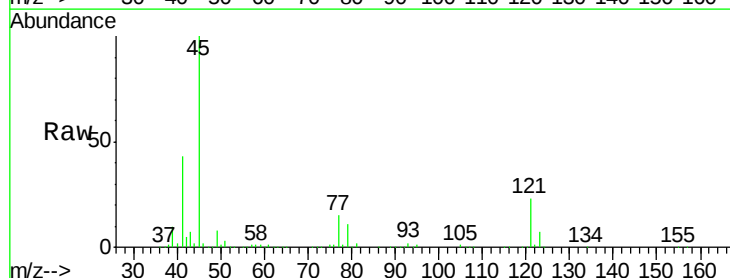
Tgt Ion: 45 Resp: 670422

Ion Ratio Lower Upper

45 100

77 14.9 0.0 32.9

79 11.0 0.0 29.6





#17

2-Methylphenol

Concen: 41.998 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 401723

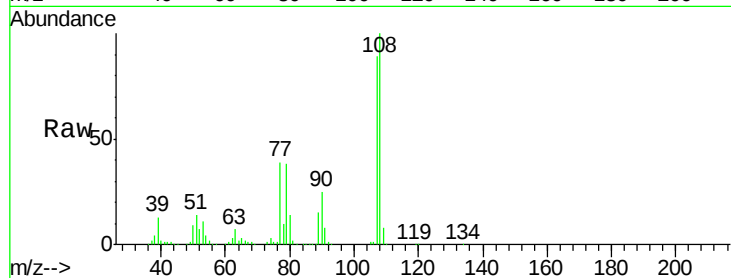
Ion Ratio Lower Upper

107 100

108 112.0 91.7 137.5

77 43.6 33.8 50.8

79 42.9 33.8 50.8

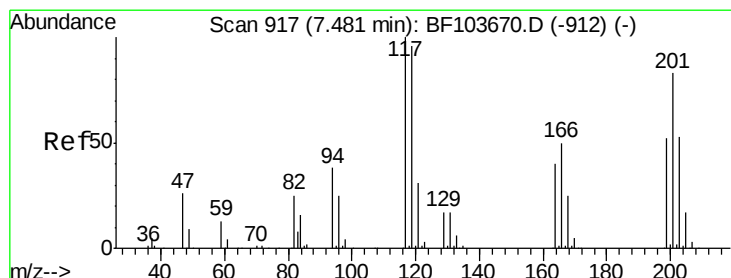
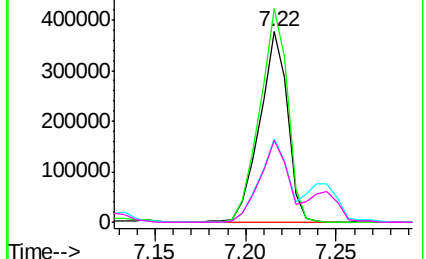
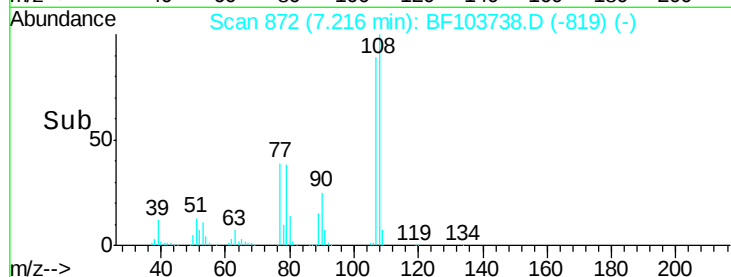


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.438 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

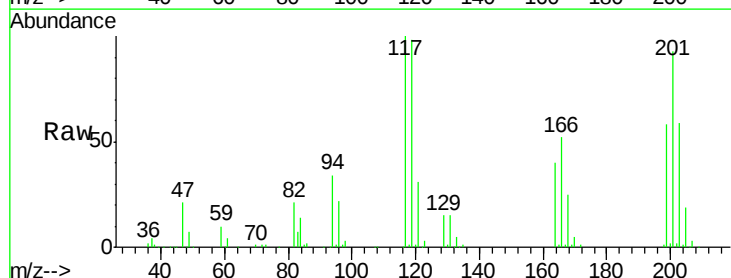
Tgt Ion:117 Resp: 153240

Ion Ratio Lower Upper

117 100

119 97.5 75.8 113.8

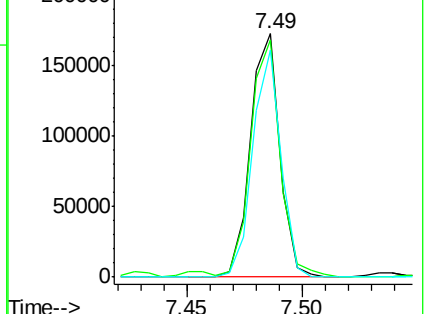
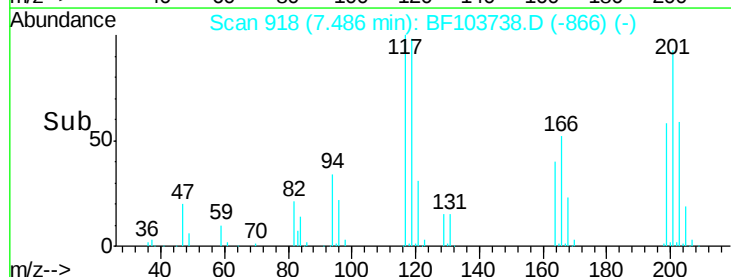
201 93.2 75.7 113.5

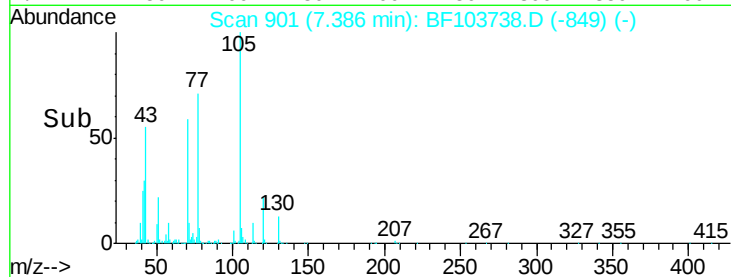
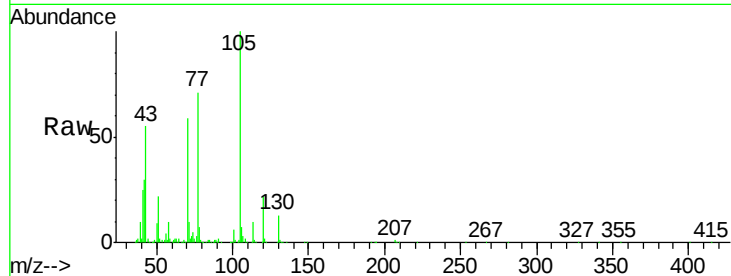
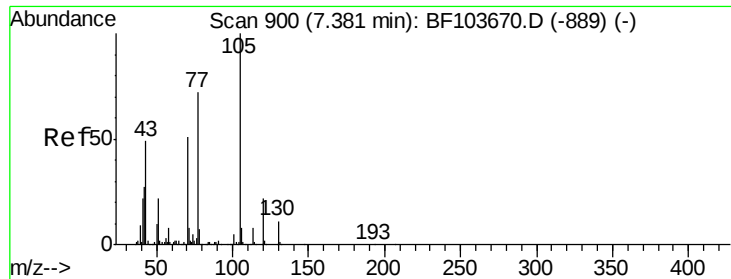


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

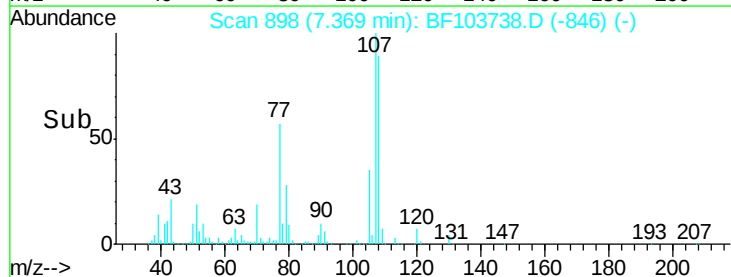
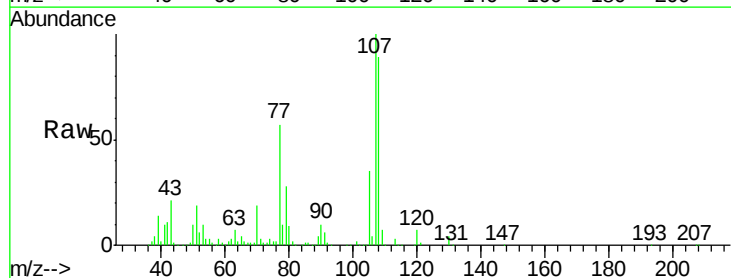
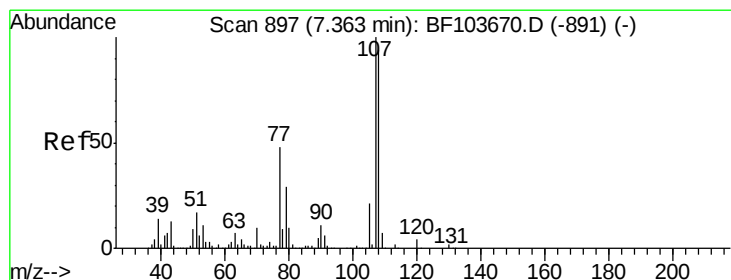
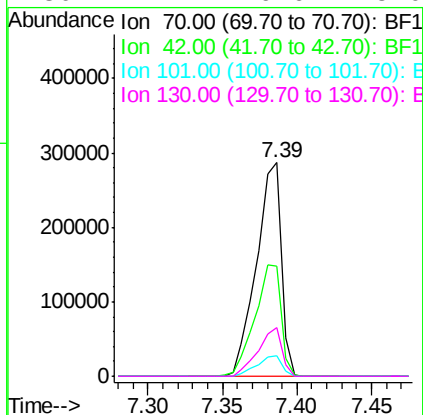




#19
n-Nitroso-di-n-propylamine
Concen: 40.997 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

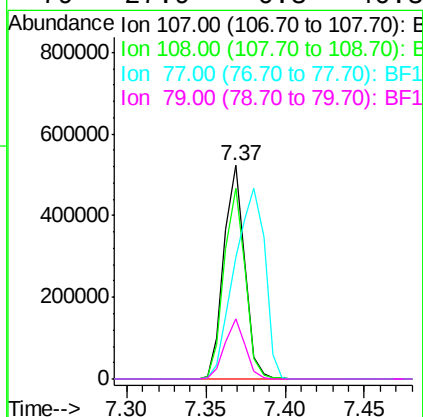
Instrument :
BNA_F
ClientSampleId :

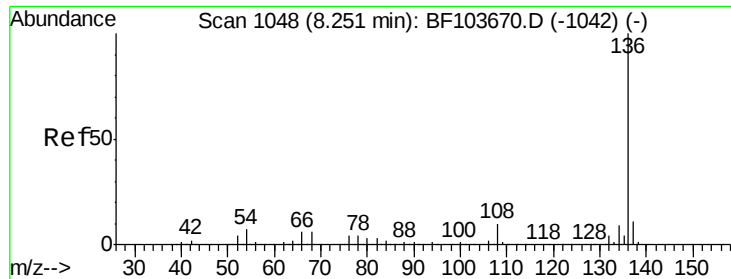
Tot Ion:	70	Resp:	329589
Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	9.9	7.4	11.2
130	22.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.636 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion:	107	Resp:	481145
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	57.2	26.7	66.7
79	27.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 619869

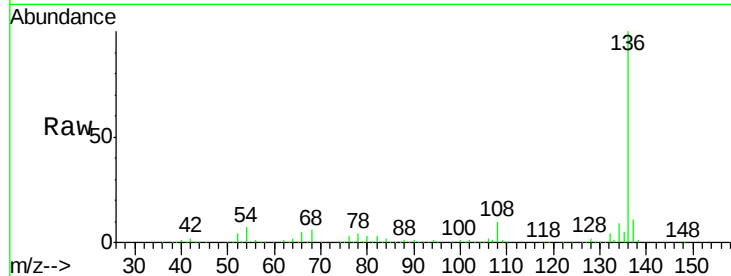
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 5.8 5.0 7.4

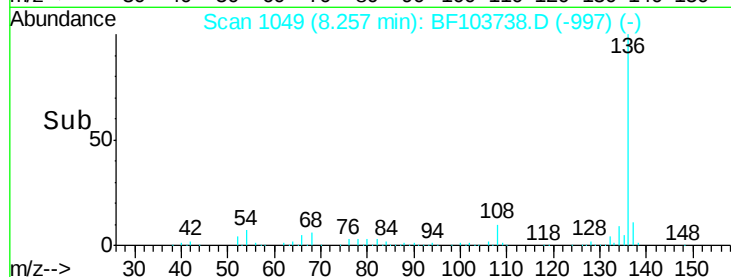


Abundance Ion 136.00 (135.70 to 136.70): E

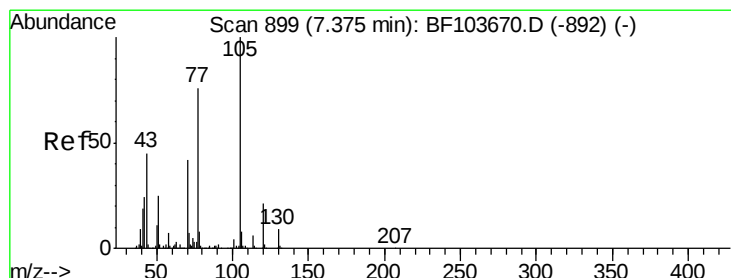
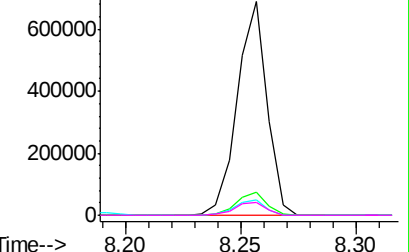
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 40.926 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Tgt Ion:105 Resp: 651992

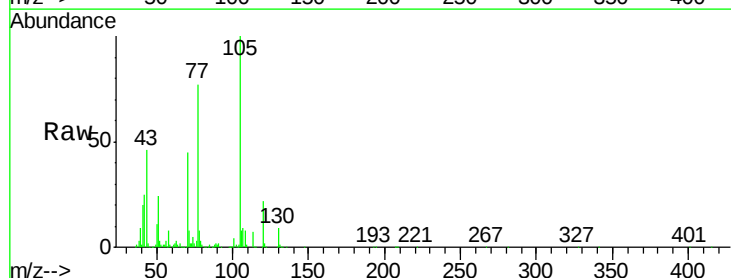
Ion Ratio Lower Upper

105 100

71 7.6 4.4 6.6#

51 24.2 22.3 33.5

120 22.2 16.9 25.3

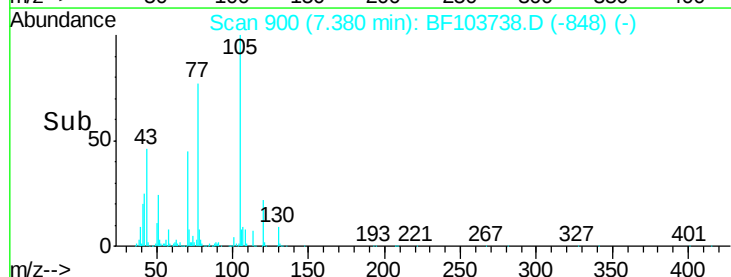


Abundance Ion 105.00 (104.70 to 105.70): E

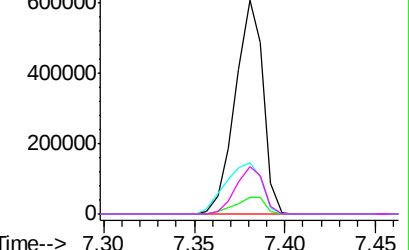
Ion 71.00 (70.70 to 71.70): BF1

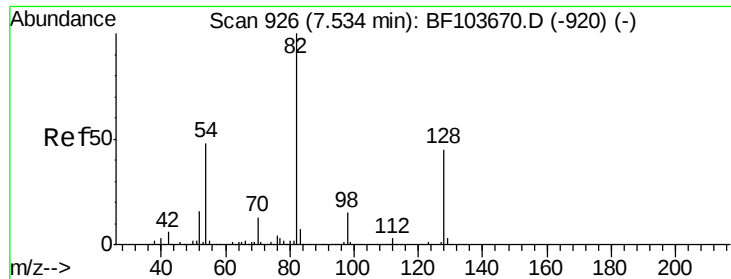
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

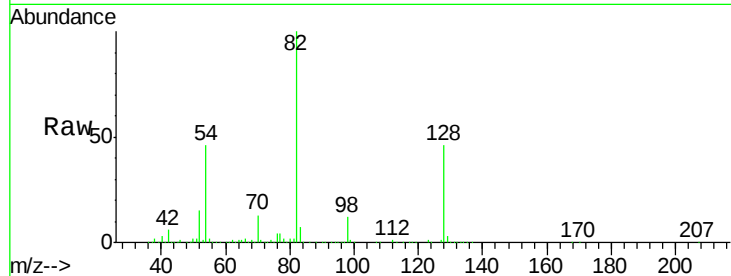




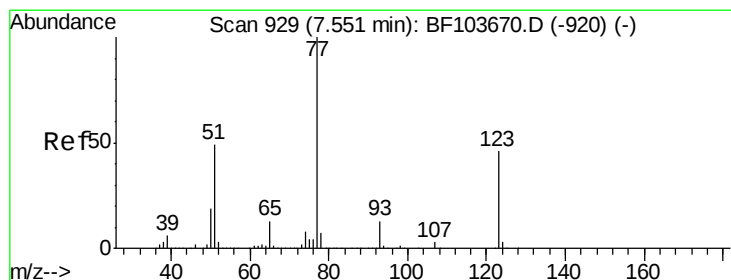
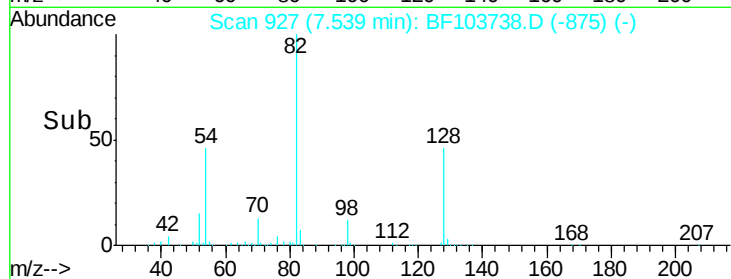
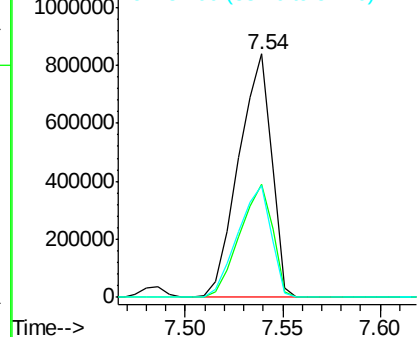
#23
Nitrobenzene-d5
Concen: 110.340 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 980793
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 46.0 41.4 62.2

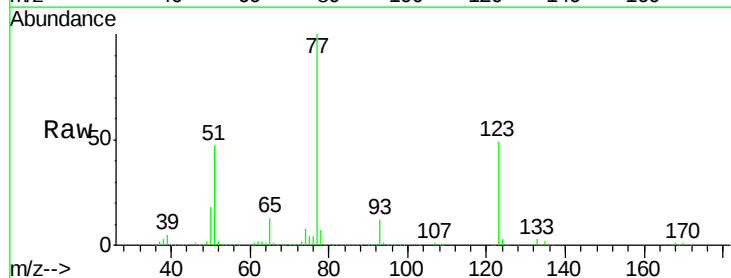


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

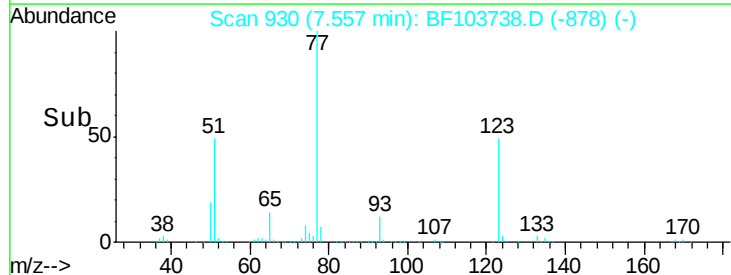
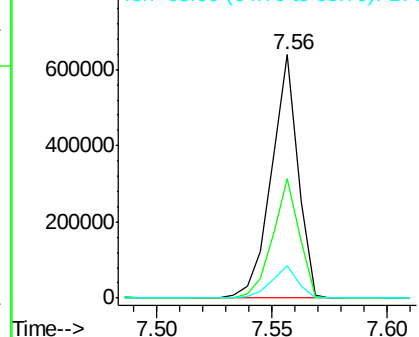


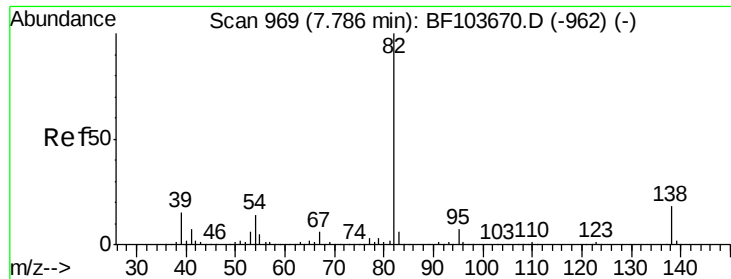
#24
Nitrobenzene
Concen: 49.015 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion: 77 Resp: 511502
Ion Ratio Lower Upper
77 100
123 48.9 37.9 56.9
65 13.2 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: 46.882 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

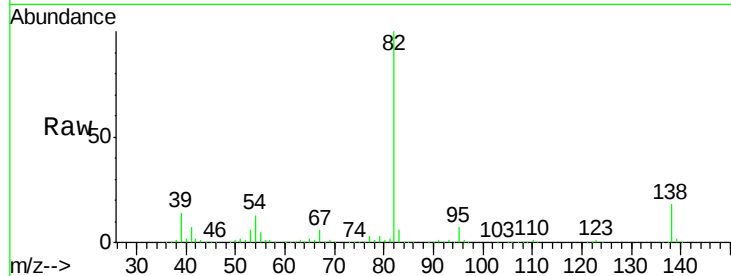
Tot Ion: 82 Resp: 964701

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

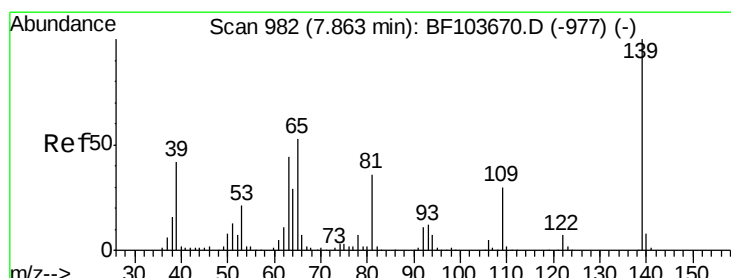
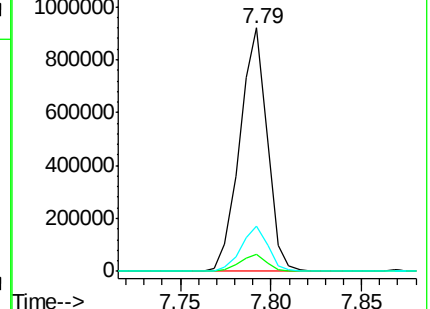
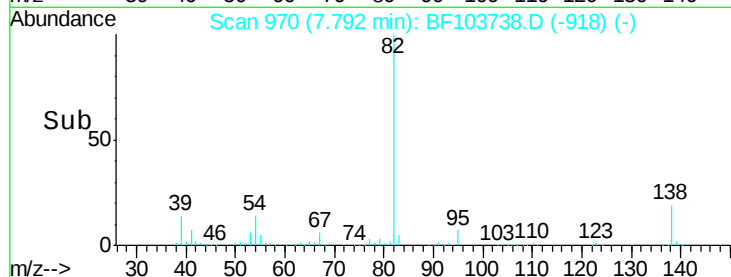
138 18.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.726 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

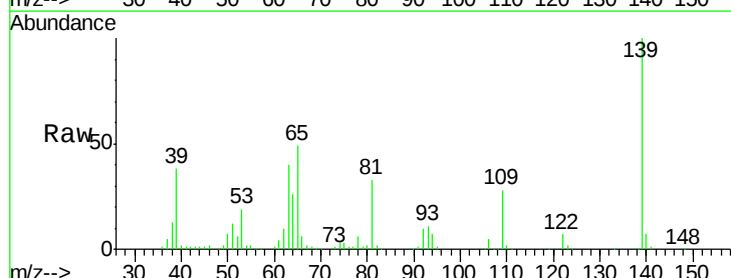
Tgt Ion: 139 Resp: 208996

Ion Ratio Lower Upper

139 100

109 28.4 22.7 34.1

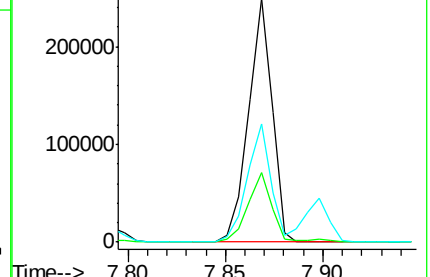
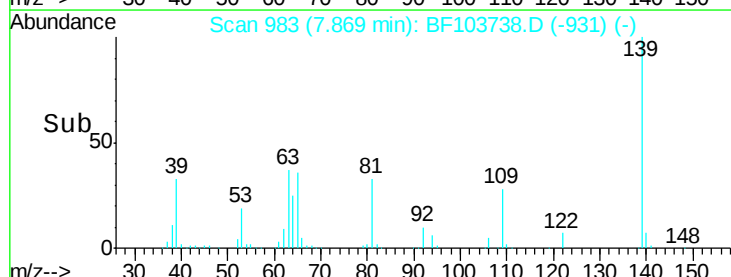
65 48.6 40.5 60.7

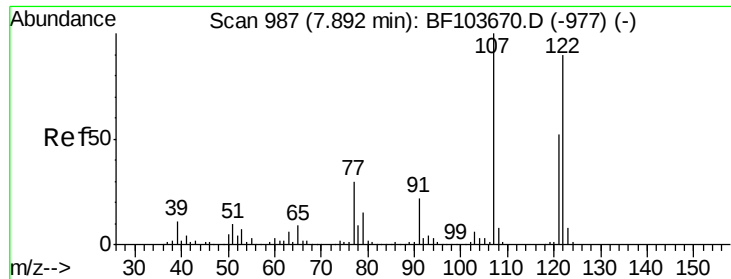


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.026 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

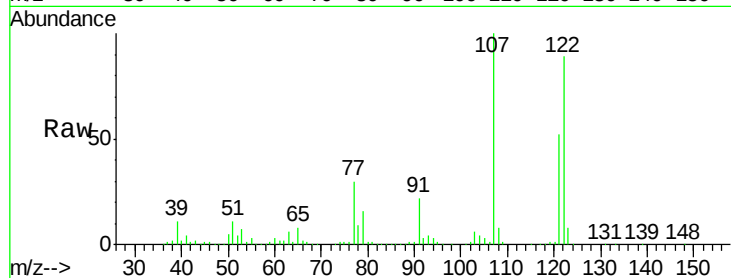
Tot Ion:122 Resp: 449805

Ion Ratio Lower Upper

122 100

107 112.7 91.2 136.8

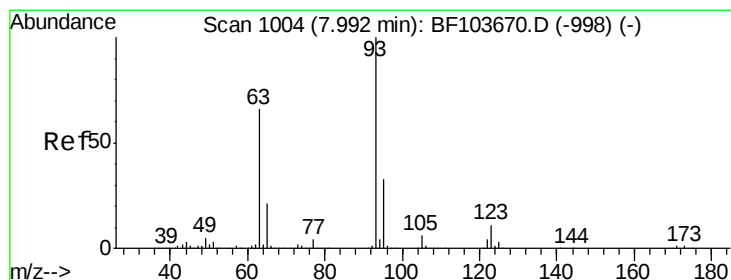
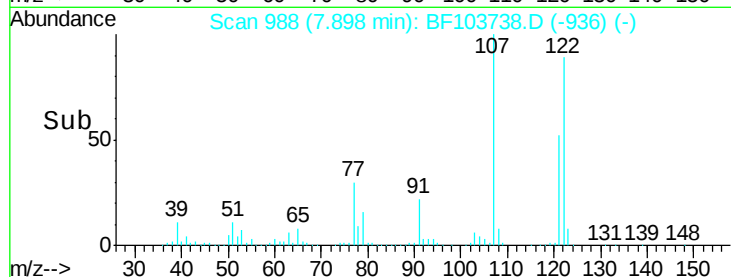
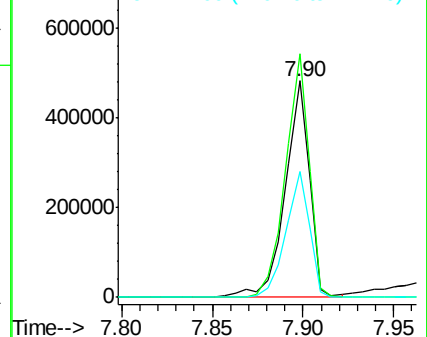
121 58.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.033 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

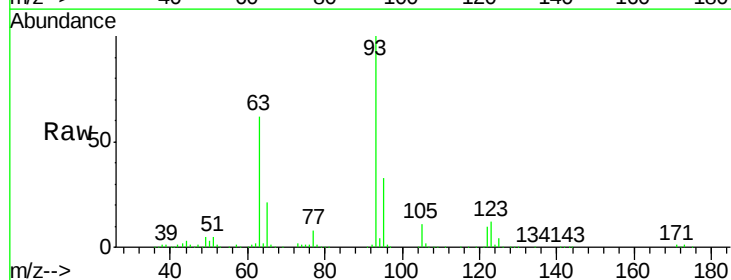
Tgt Ion: 93 Resp: 610960

Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

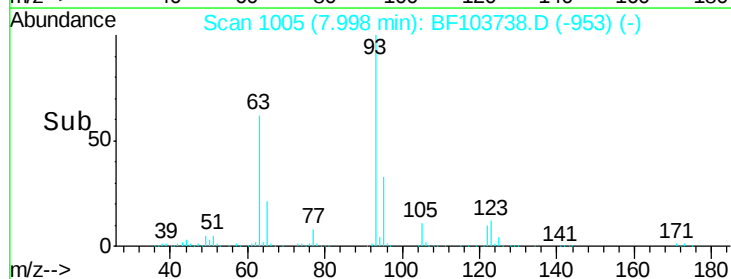
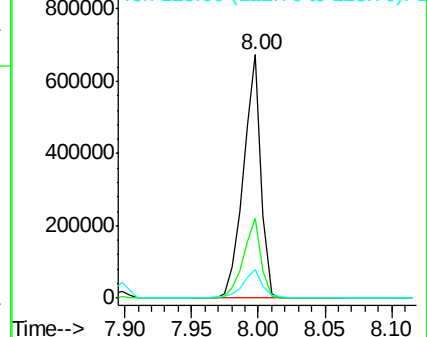
123 11.9 9.8 14.6

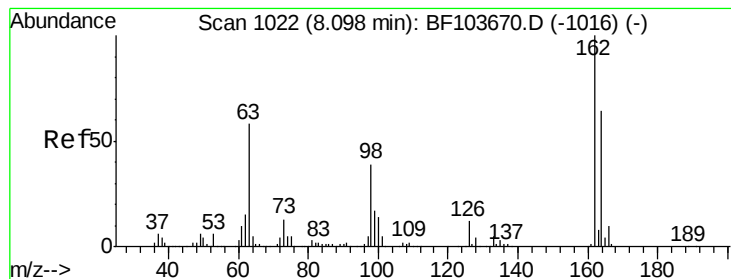


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.748 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampled :

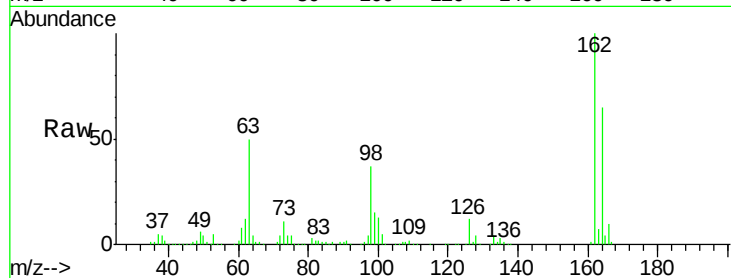
Tot Ion:162 Resp: 390957

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

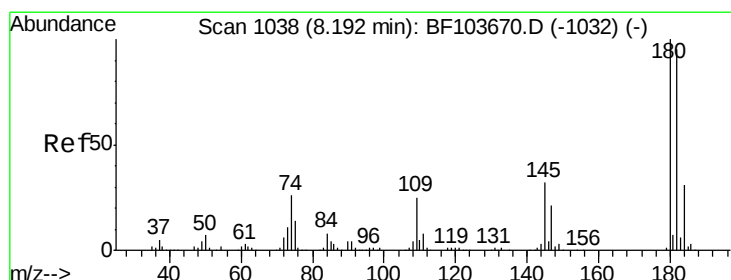
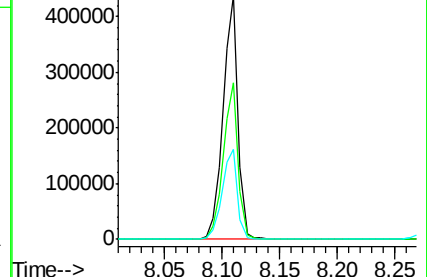
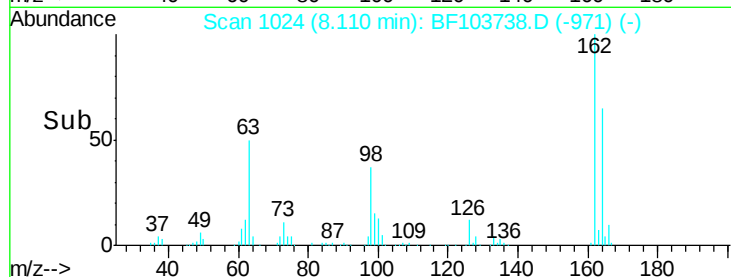
98 37.1 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.868 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

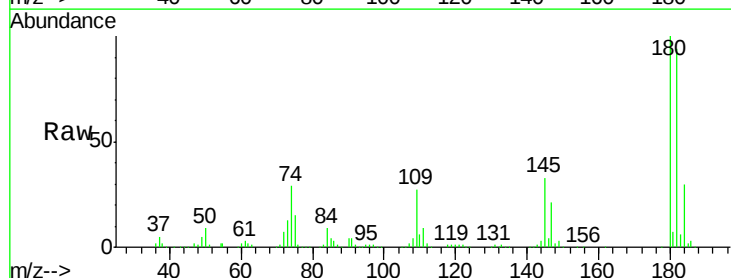
Tgt Ion:180 Resp: 398755

Ion Ratio Lower Upper

180 100

182 94.1 76.8 115.2

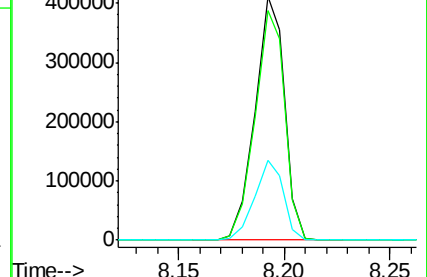
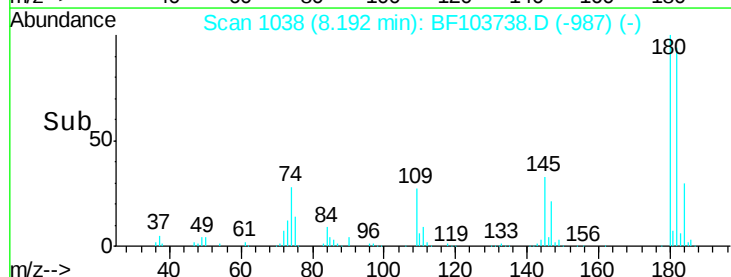
145 32.6 26.5 39.7

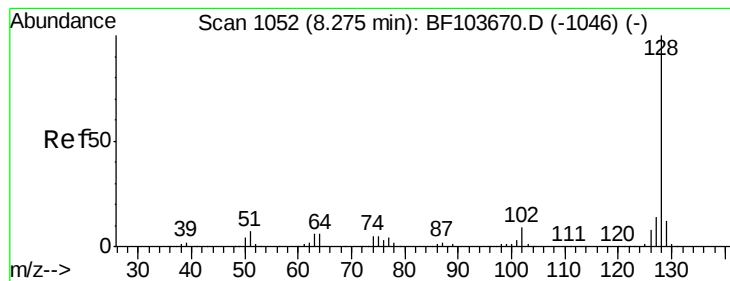


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.064 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

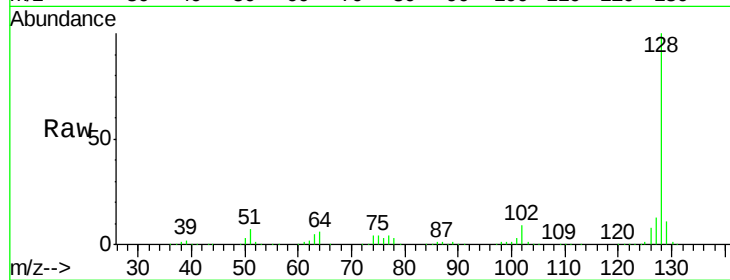
Tot Ion:128 Resp: 1442376

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

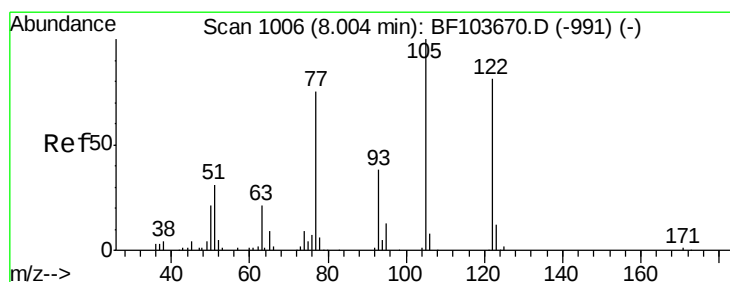
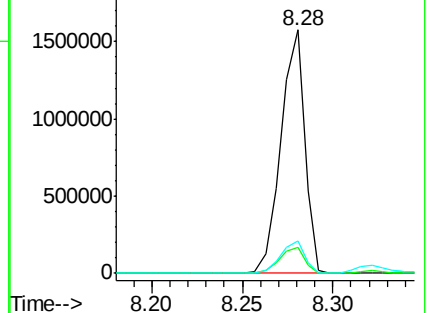
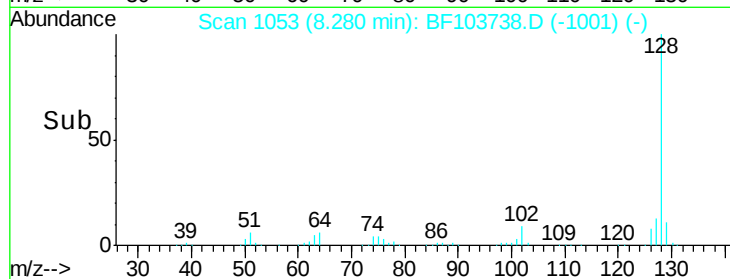
127 13.5 10.9 16.3



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: 41.836 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

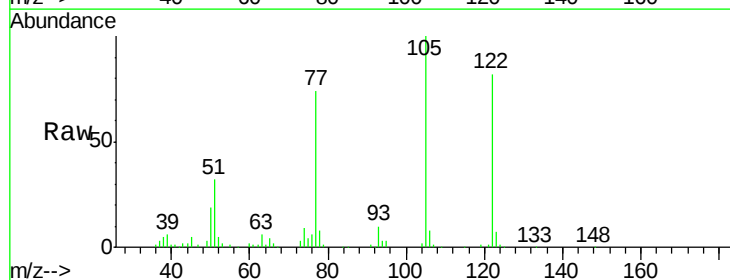
Tgt Ion:122 Resp: 250248

Ion Ratio Lower Upper

122 100

105 121.9 101.1 141.1

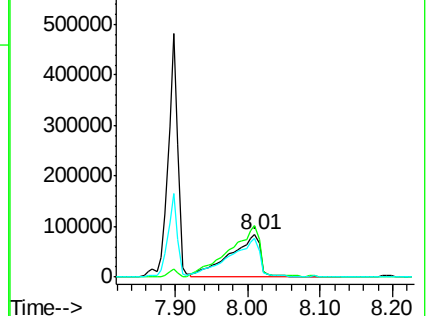
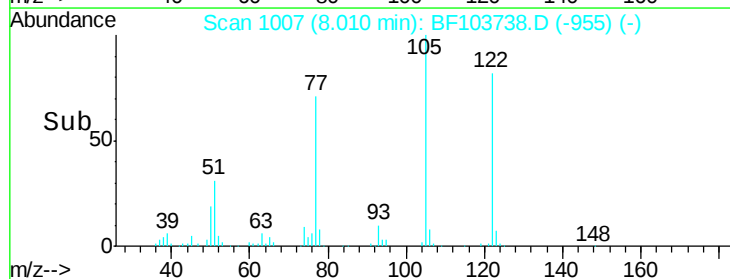
77 89.8 70.7 110.7

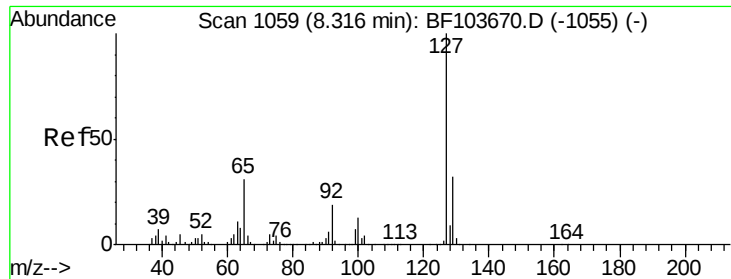


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

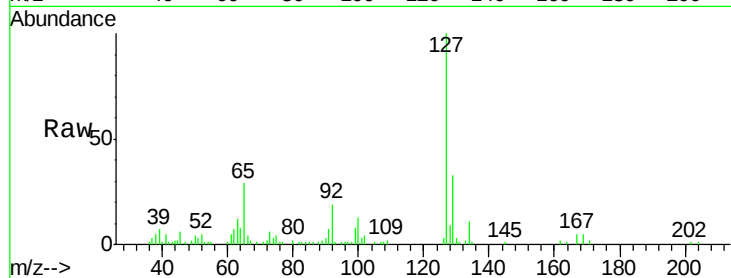




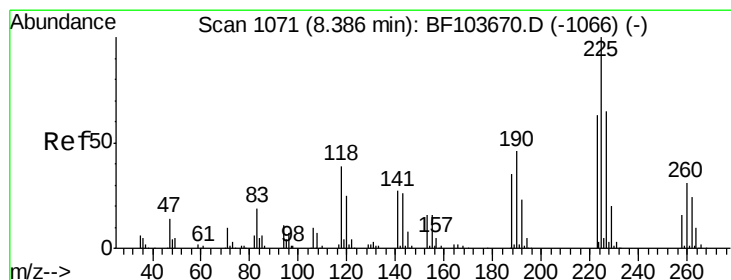
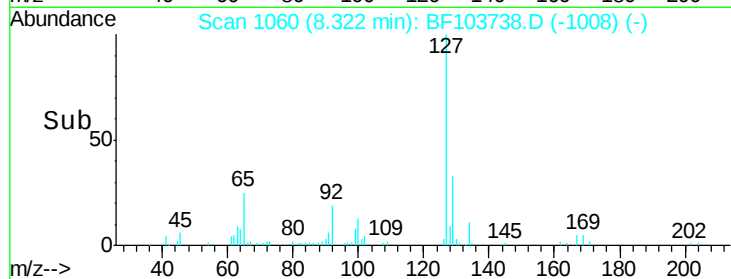
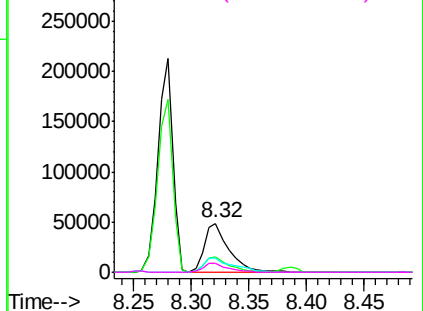
#33
 4-Chloroaniline
 Concen: 5.538 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	72746
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	29.0	25.0	37.4
92	19.3	15.2	22.8

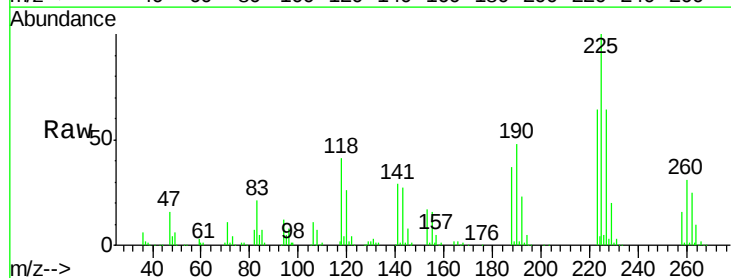


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

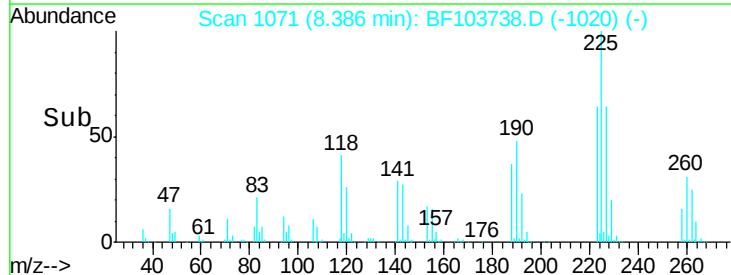
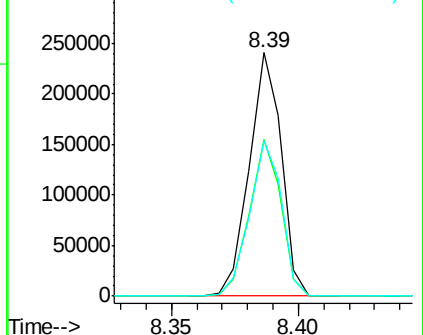


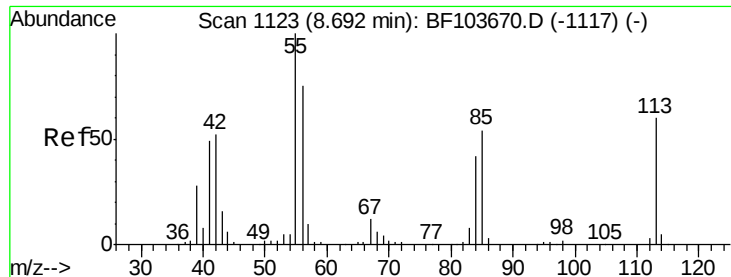
#34
 Hexachlorobutadiene
 Concen: 41.512 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Tgt Ion:	225	Resp:	211713
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	63.7	51.9	77.9



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





#35

Caprolactam

Concen: 32.928 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampled :

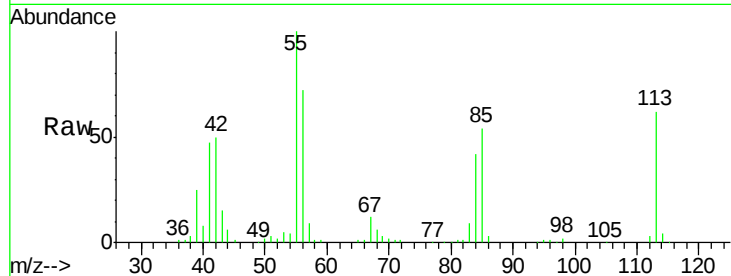
Tot Ion:113 Resp: 90934

Ion Ratio Lower Upper

113 100

55 162.5 163.3 203.3#

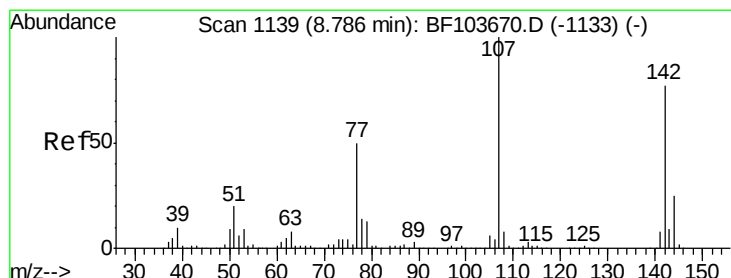
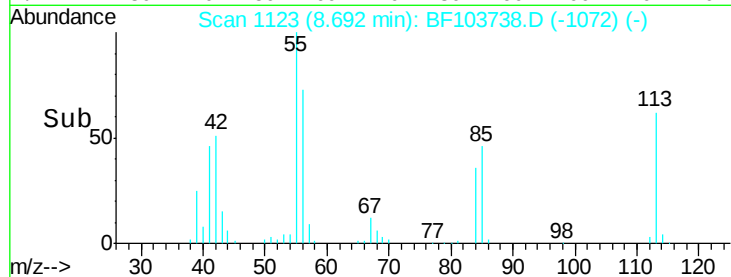
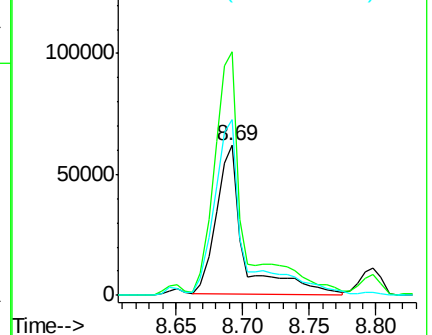
56 117.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.639 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

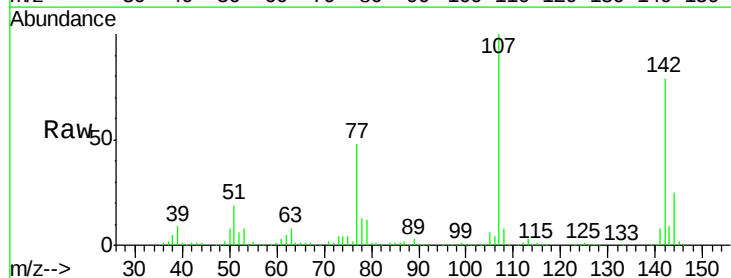
Tgt Ion:107 Resp: 421192

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

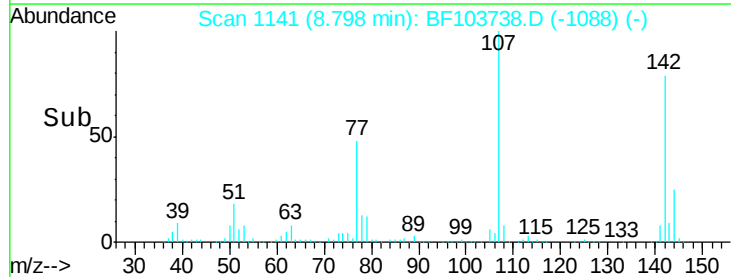
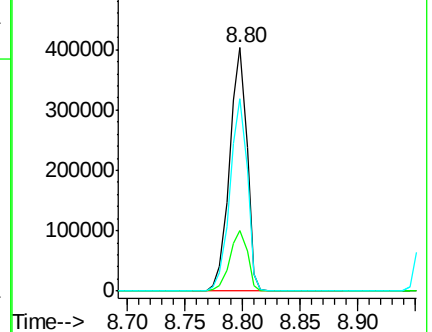
142 79.0 62.0 93.0

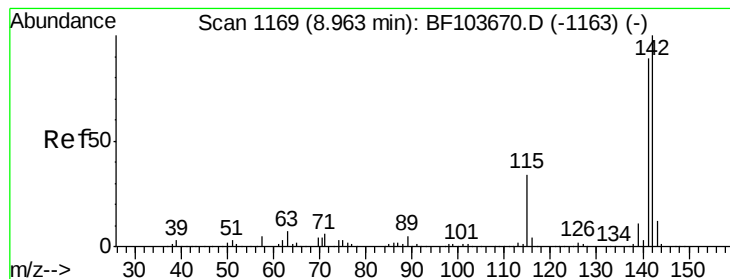


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

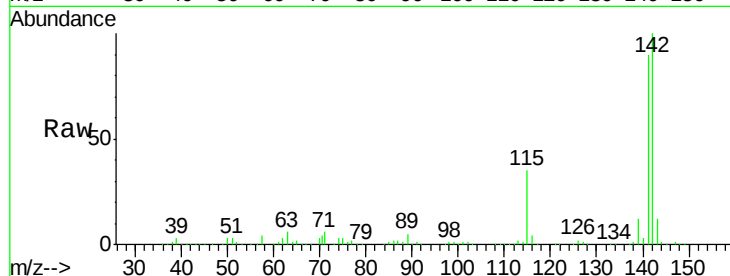




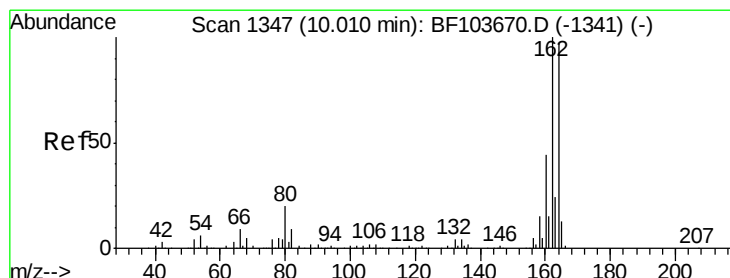
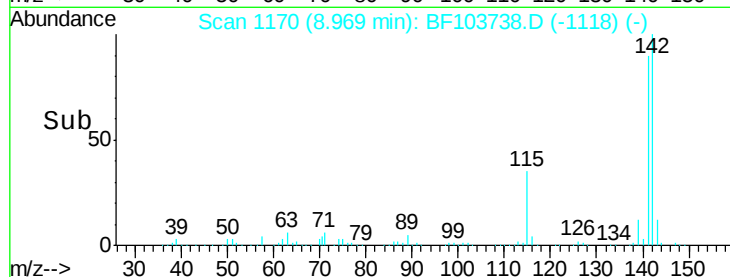
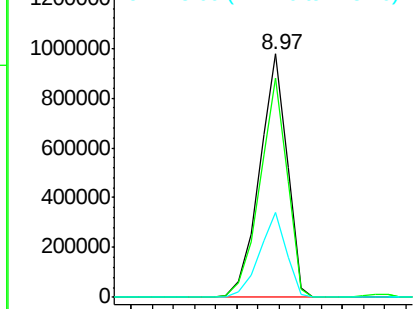
#37
2-Methylnaphthalene
Concen: 44.801 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 889616
Ion Ratio Lower Upper
142 100
141 90.3 70.8 106.2
115 34.7 26.1 39.1

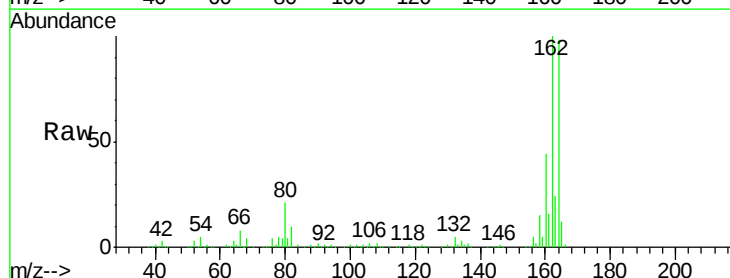


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

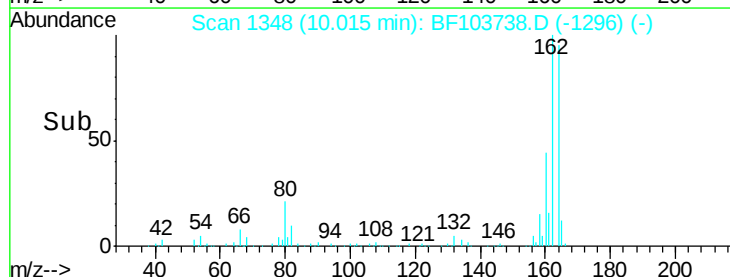
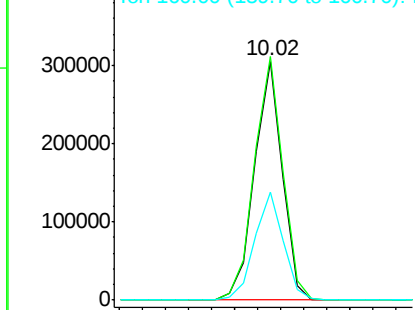


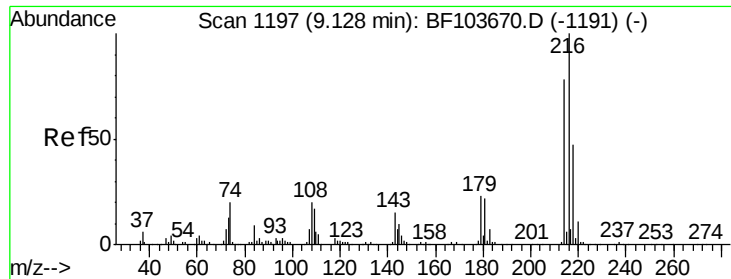
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion:164 Resp: 256878
Ion Ratio Lower Upper
164 100
162 101.8 86.1 129.1
160 45.1 38.3 57.5



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

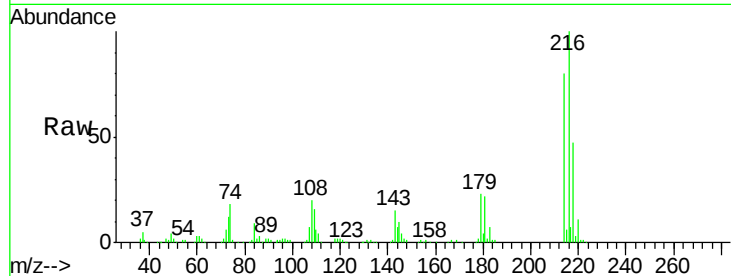




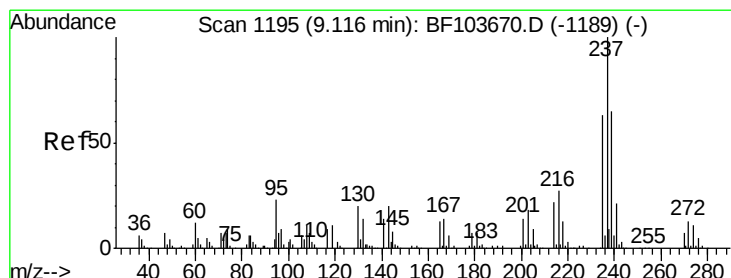
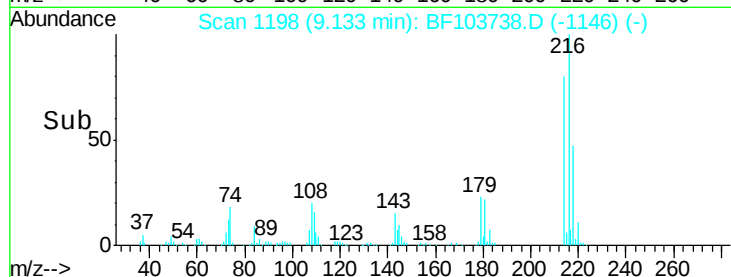
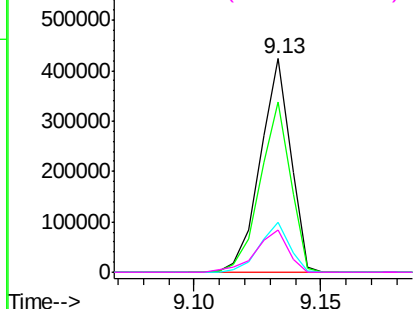
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.407 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	354748
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	22.8	18.1	27.1
108	21.1	17.2	25.8

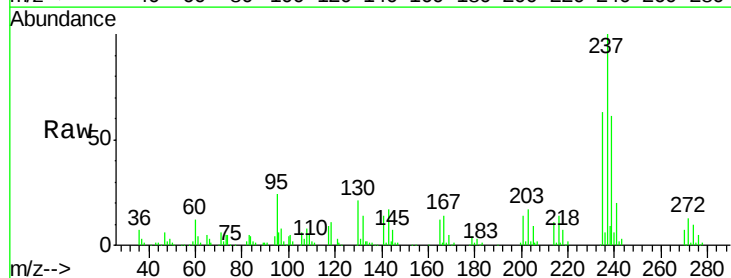


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

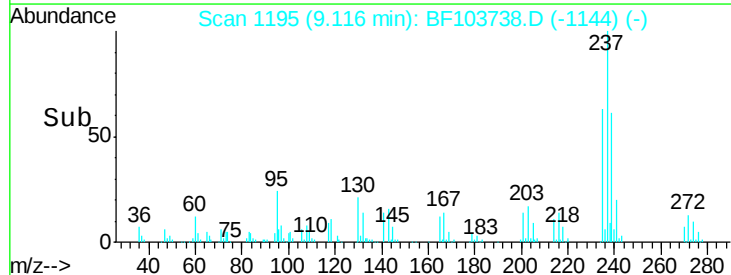
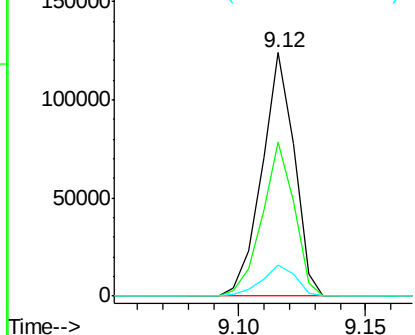


#40
 Hexachlorocyclopentadiene
 Concen: 29.097 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Tgt Ion:	237	Resp:	110029
Ion	Ratio	Lower	Upper
237	100		
235	63.4	44.8	84.8
272	12.8	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

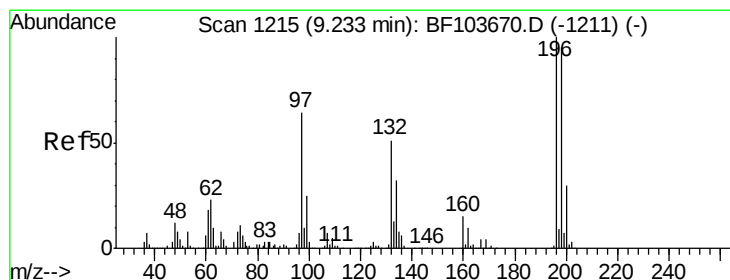
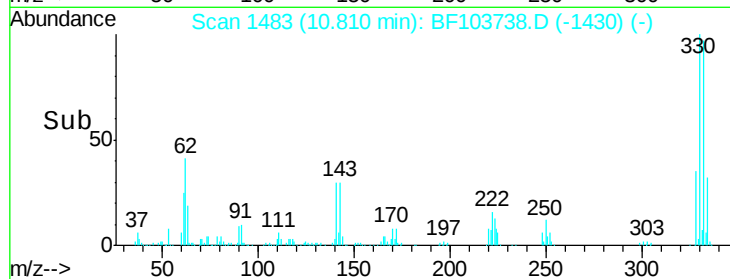
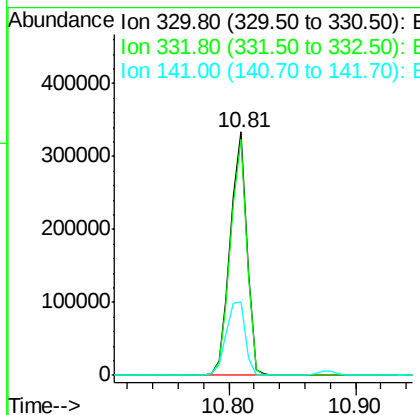
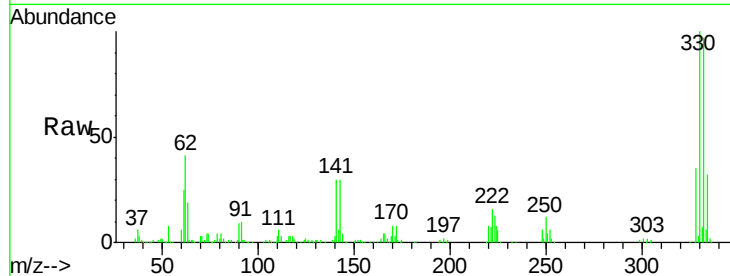




#41
 2,4,6-Tribromophenol
 Concen: 136.336 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

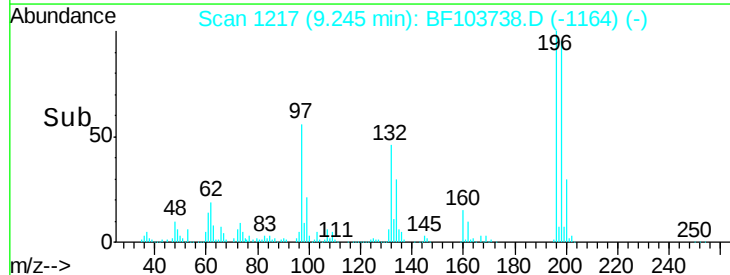
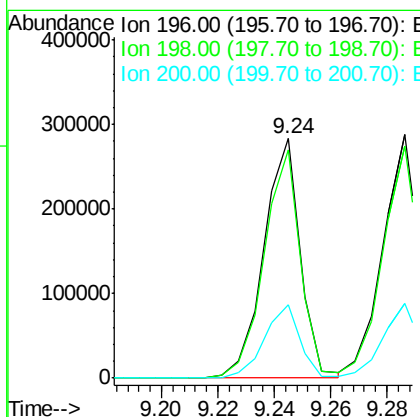
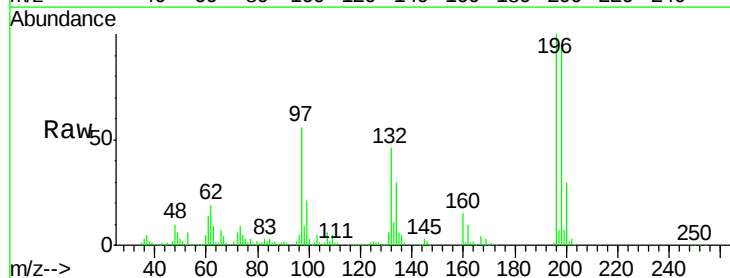
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 54.051 ng
 RT: 9.24 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
200	30.4	24.5	36.7

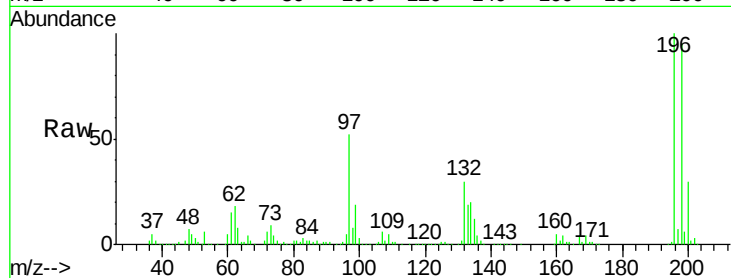




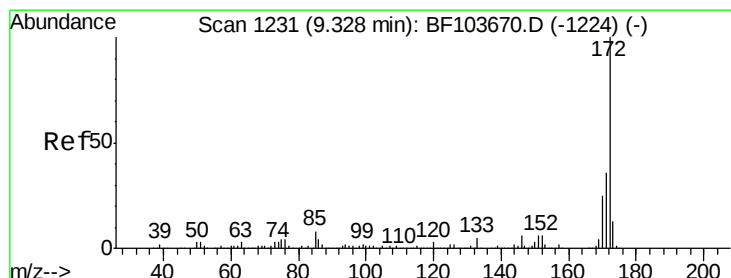
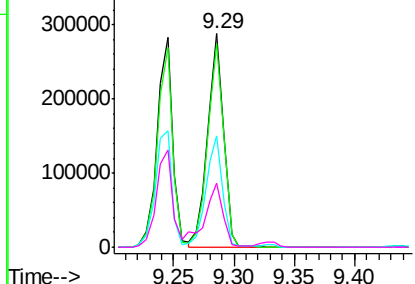
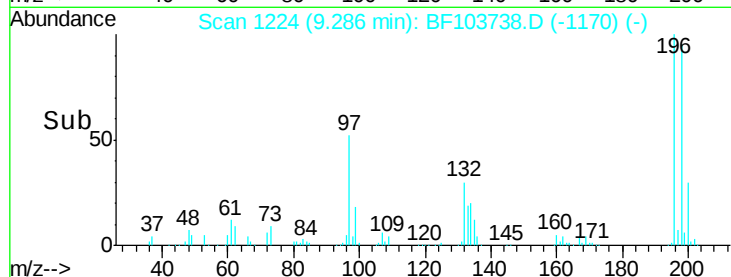
#43
 2,4,5-Trichlorophenol
 Concen: 49.875 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.02 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 263873
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.6 112.0
 97 52.4 42.9 64.3
 132 30.1 26.3 39.5

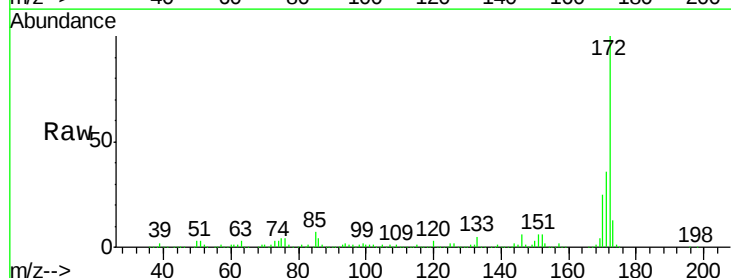


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

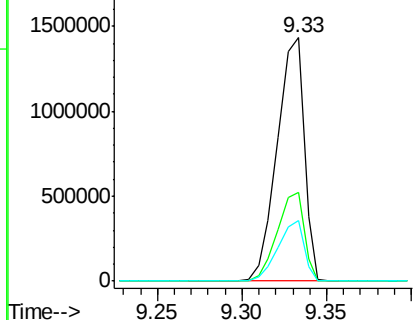
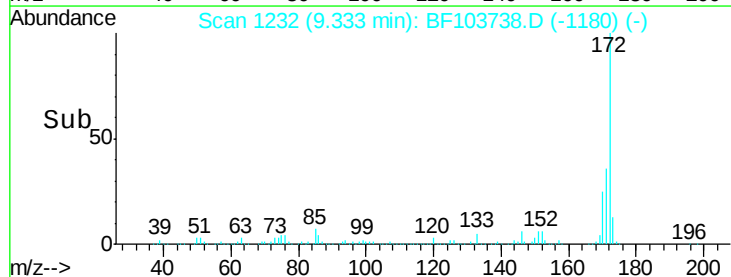


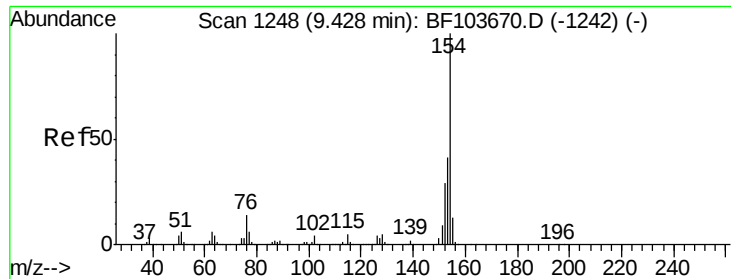
#44
 2-Fluorobiphenyl
 Concen: 97.935 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Tgt Ion:172 Resp: 1577118
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.7 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: 46.641 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

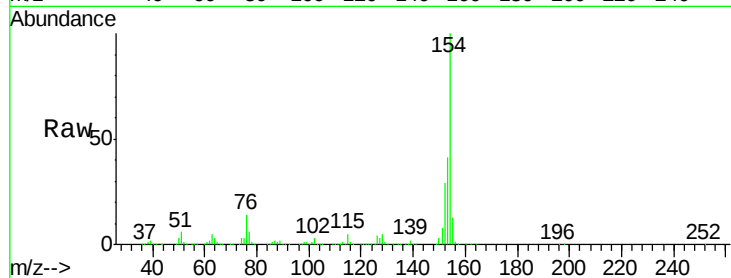
Tot Ion:154 Resp: 999039

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

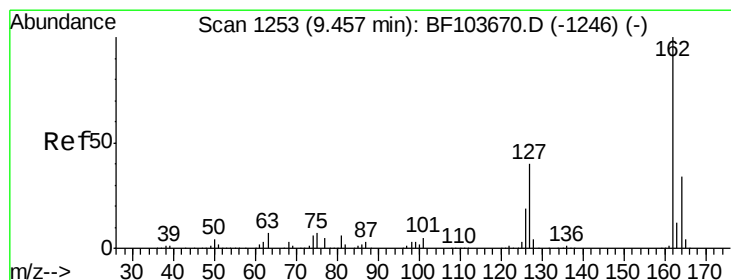
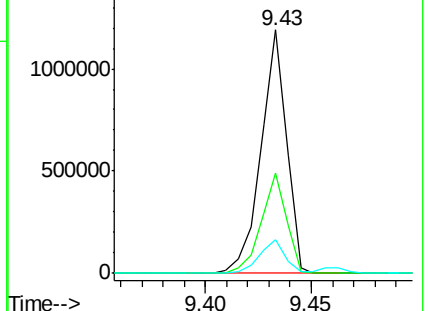
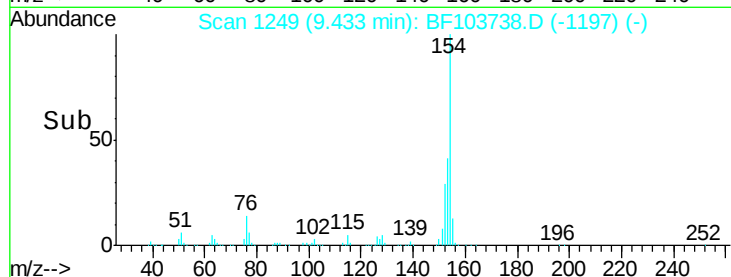
76 13.8 0.0 34.0



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: 46.101 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

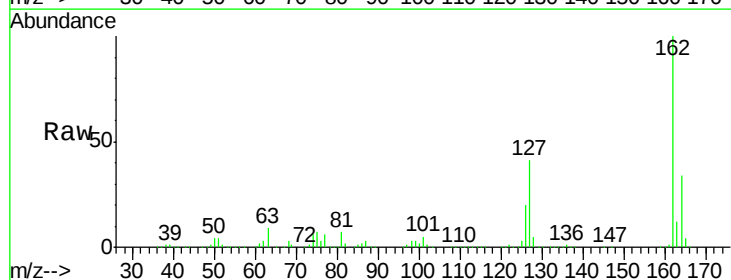
Tgt Ion:162 Resp: 784312

Ion Ratio Lower Upper

162 100

127 40.7 33.9 50.9

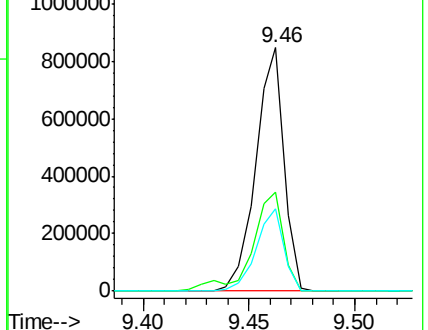
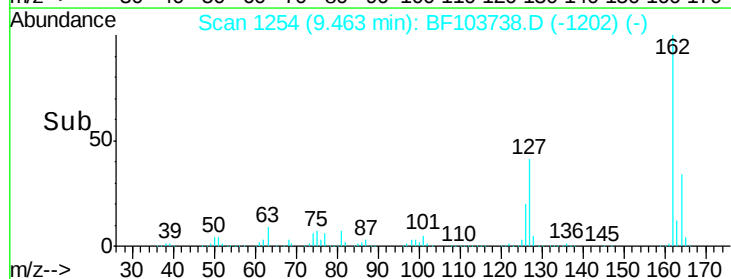
164 33.7 26.5 39.7



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

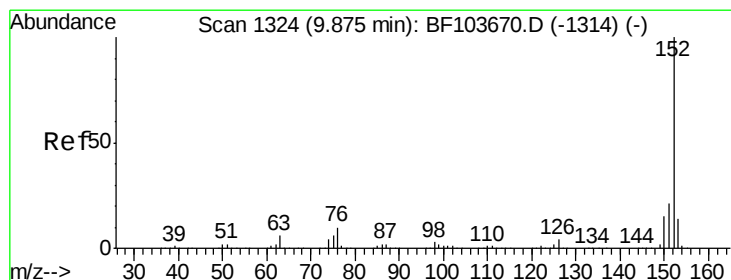
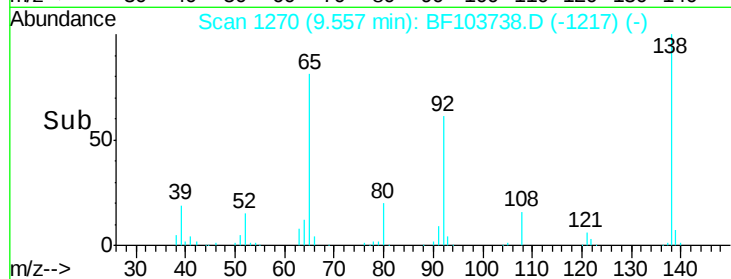
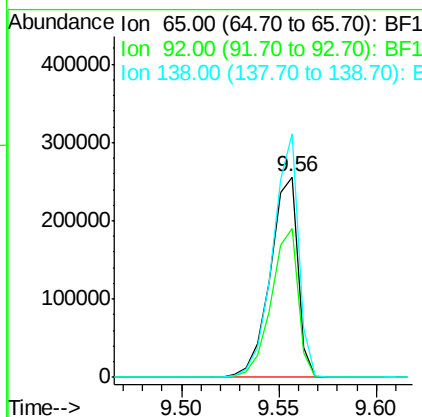
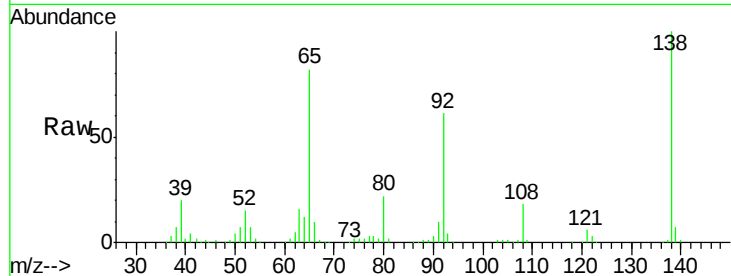




#47
 2-Nitroaniline
 Concen: 55.308 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

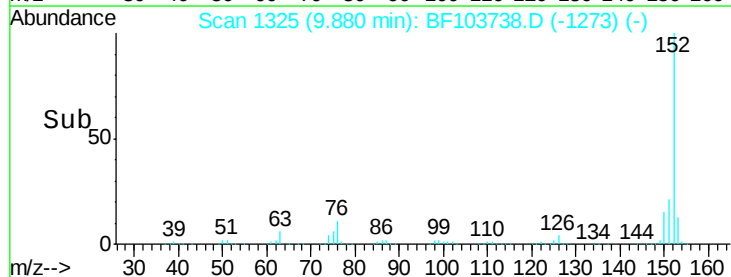
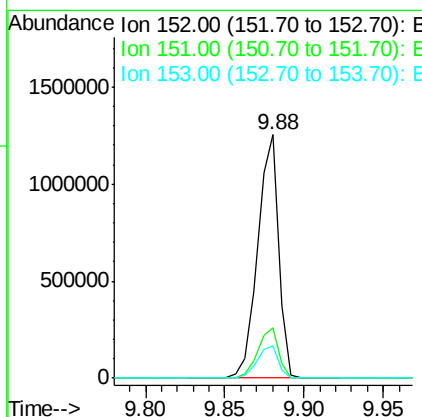
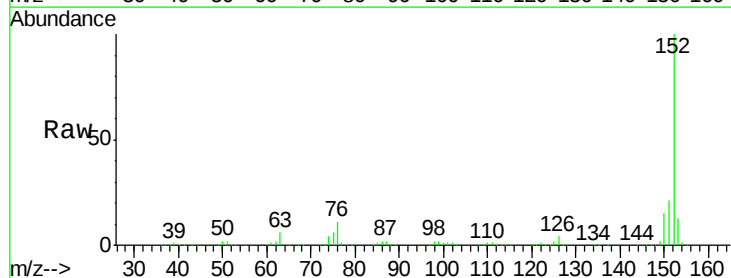
Instrument :
 BNA_F
 ClientSampleId :

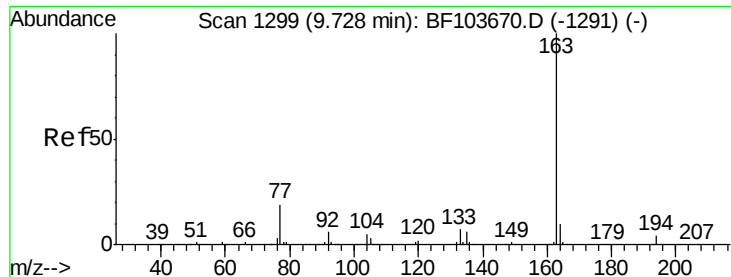
Tot Ion: 65 Resp: 251534
 Ion Ratio Lower Upper
 65 100
 92 74.4 55.8 83.6
 138 121.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 43.719 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Tgt Ion: 152 Resp: 1153395
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.5 10.7 16.1

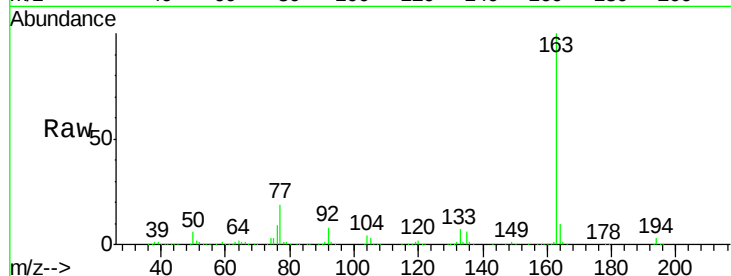




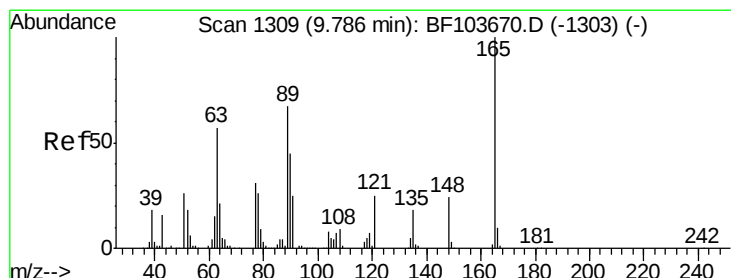
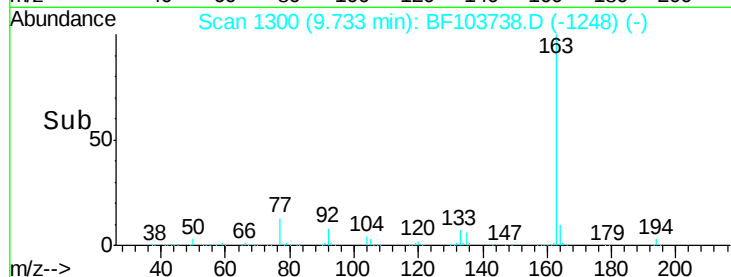
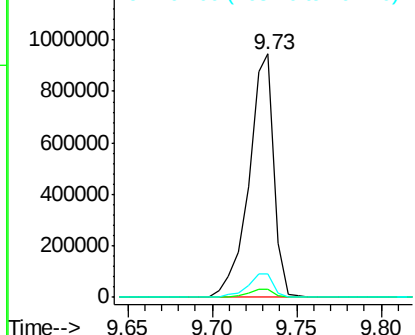
#49
Dimethylphthalate
Concen: 49.930 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 978550
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2

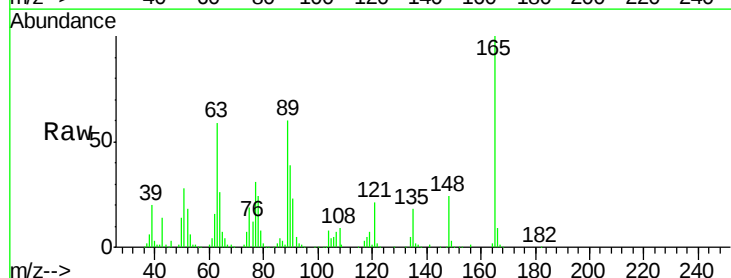


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

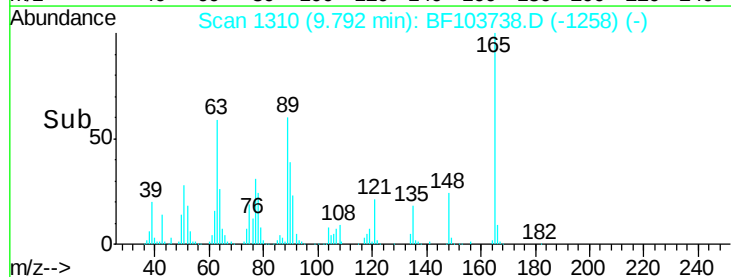
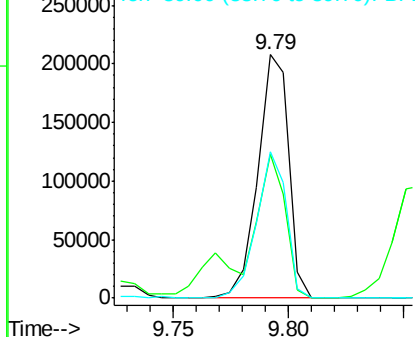


#50
2,6-Dinitrotoluene
Concen: 50.741 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion:165 Resp: 193311
Ion Ratio Lower Upper
165 100
63 59.2 44.7 67.1
89 60.0 44.0 66.0



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





#51

Acenaphthene

Concen: 44.187 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

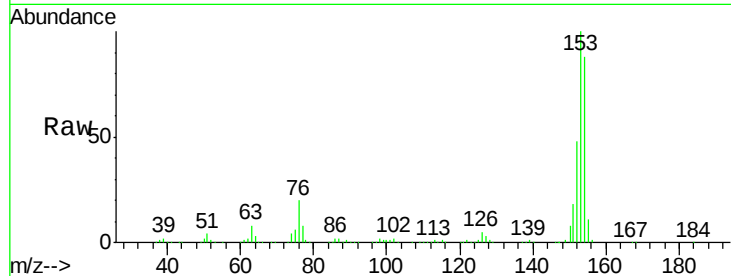
Tot Ion:154 Resp: 692178

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

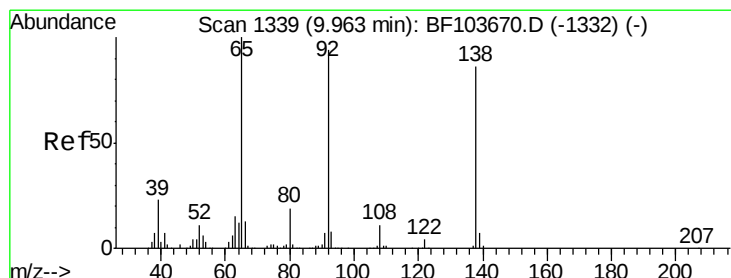
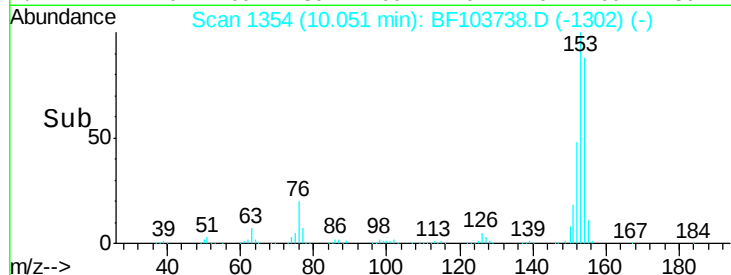
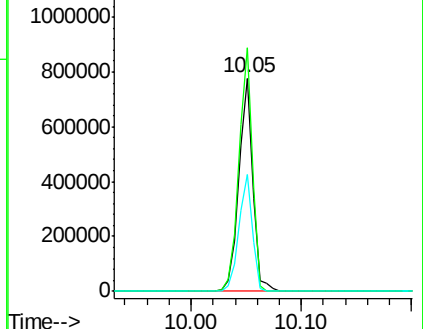
152 54.9 43.8 65.8



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: 26.580 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

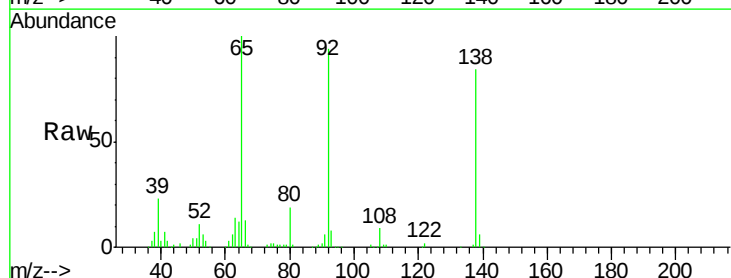
Tgt Ion:138 Resp: 112373

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

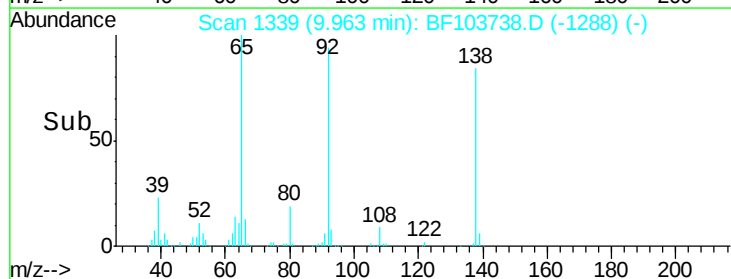
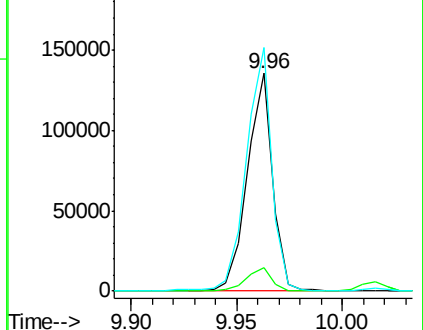
92 111.7 89.4 134.2

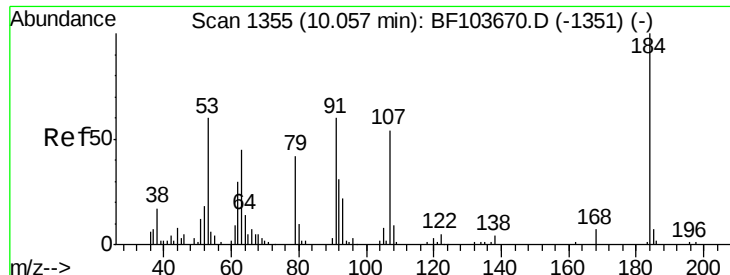


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

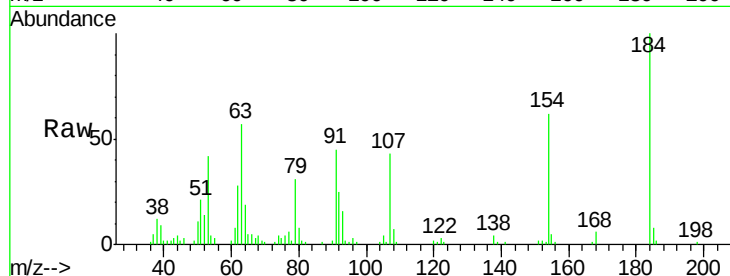




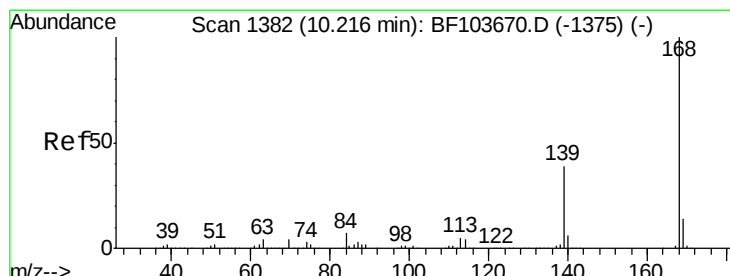
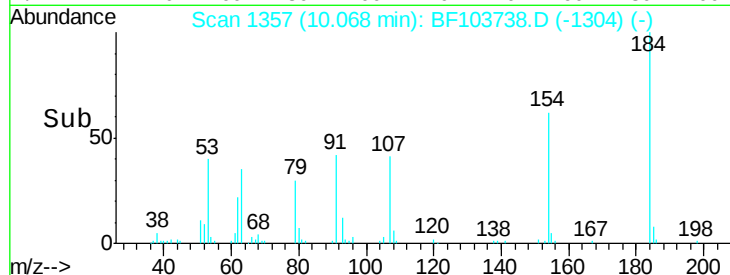
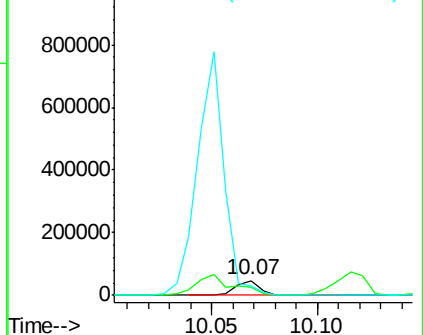
#53
2,4-Dinitrophenol
Concen: 47.664 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 38025
Ion Ratio Lower Upper
184 100
63 57.4 54.2 81.2
154 61.9 184.0 276.0#

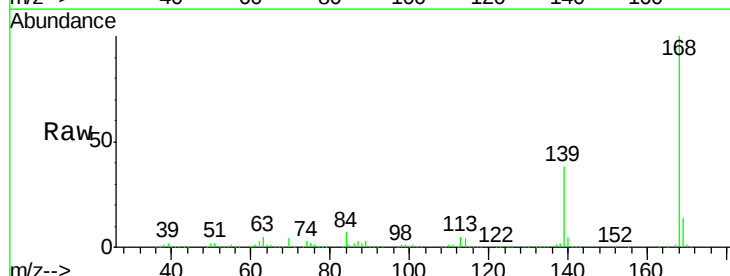


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

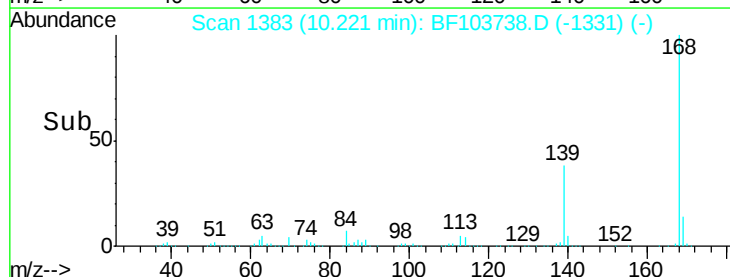
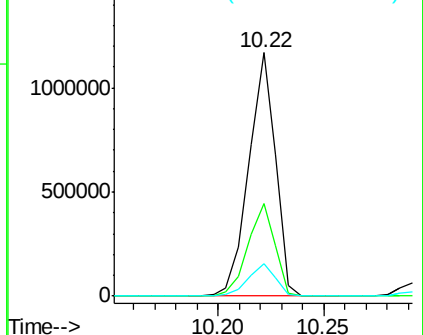


#54
Dibenzofuran
Concen: 45.868 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion:168 Resp: 1026176
Ion Ratio Lower Upper
168 100
139 38.1 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

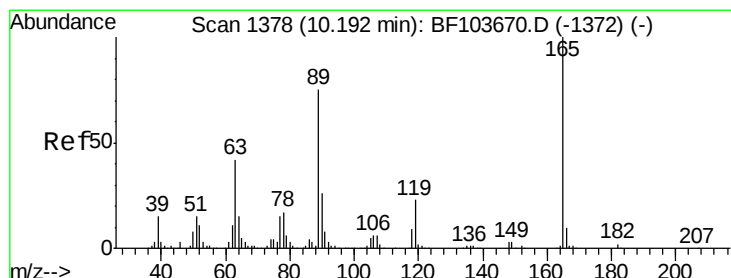
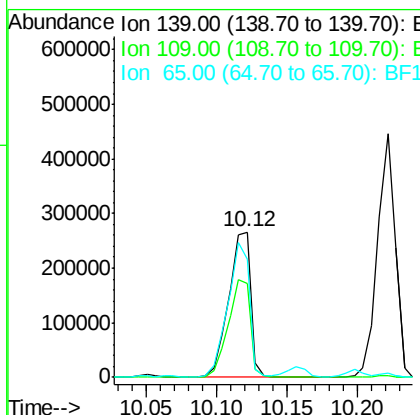
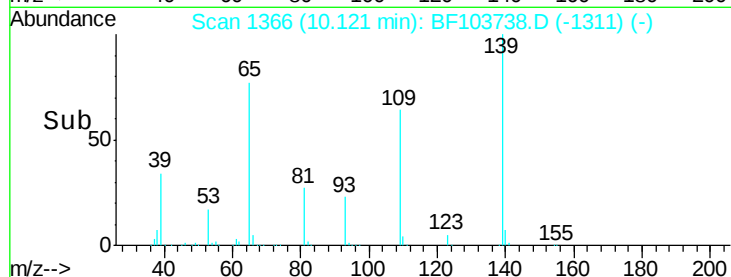
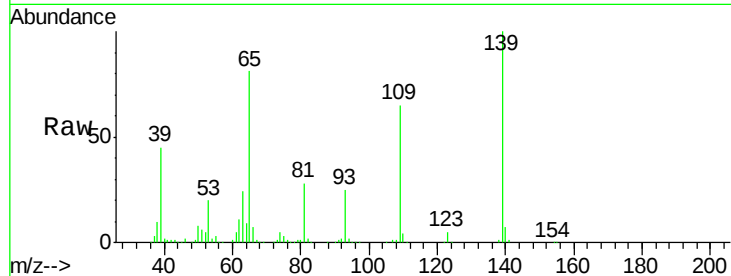




#55
4-Nitrophenol
Concen: 80.953 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

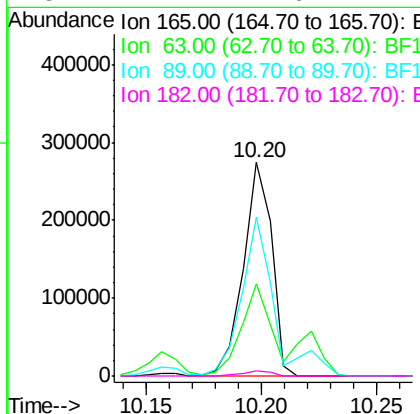
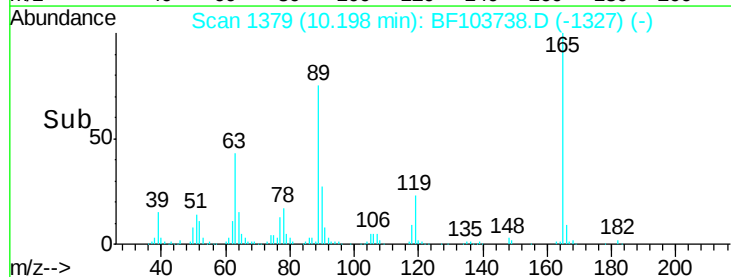
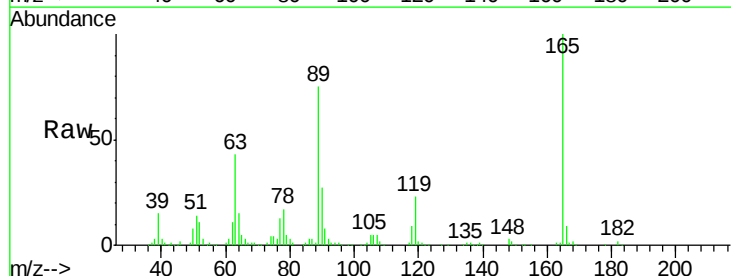
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 290697
Ion Ratio Lower Upper
139 100
109 65.0 48.4 88.4
65 81.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.214 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion:165 Resp: 237247
Ion Ratio Lower Upper
165 100
63 43.2 36.4 54.6
89 74.5 57.8 86.6
182 2.2 1.6 2.4

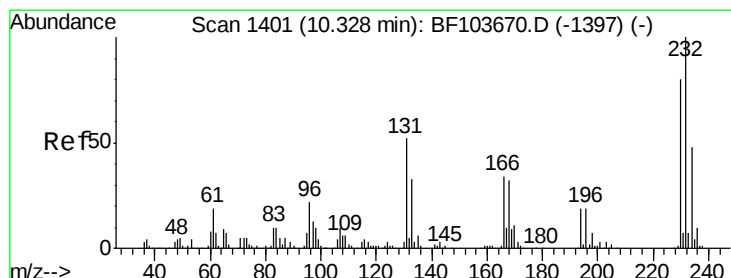
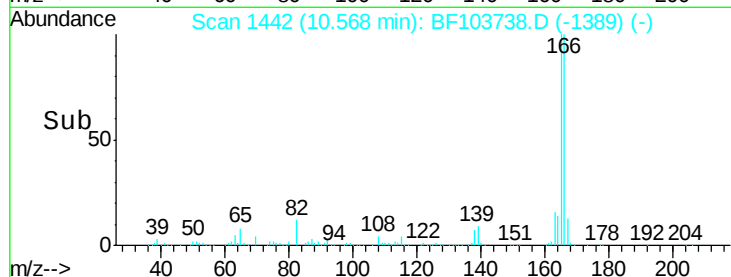
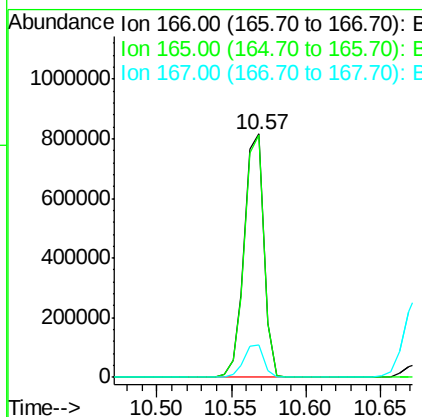
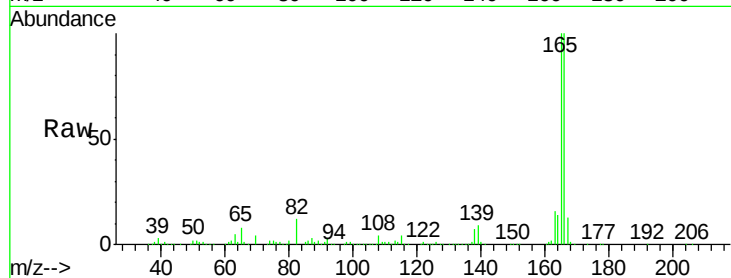




#57
 Fluorene
 Concen: 43.131 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

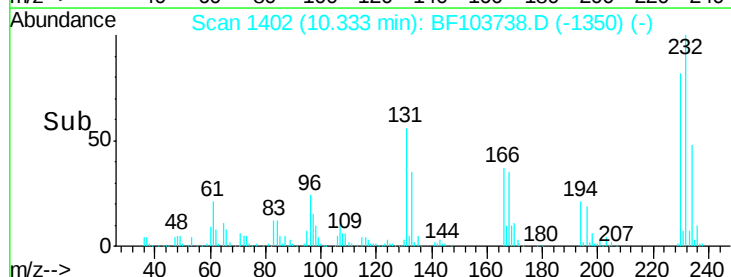
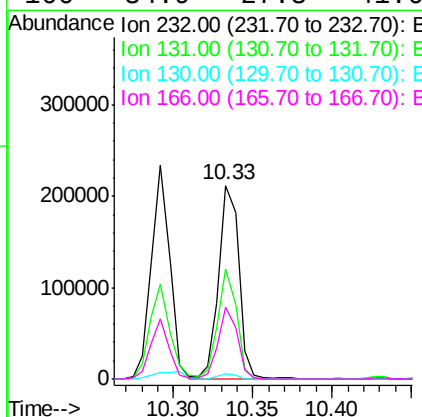
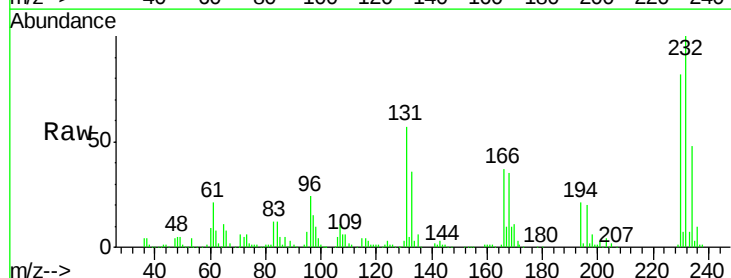
Instrument :
 BNA_F
 ClientSampleId :

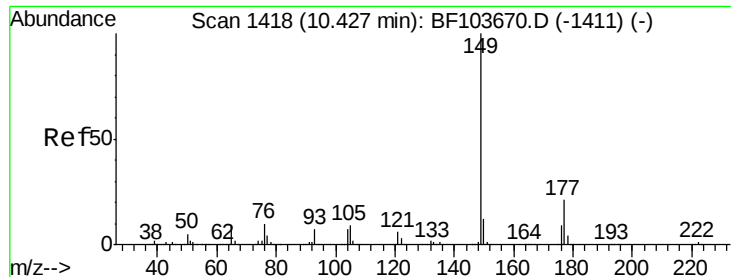
Tot Ion:166 Resp: 748772
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.8 119.8
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.217 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Tgt Ion:232 Resp: 188256
 Ion Ratio Lower Upper
 232 100
 131 52.8 43.8 65.8
 130 2.6 2.1 3.1
 166 34.9 27.8 41.6

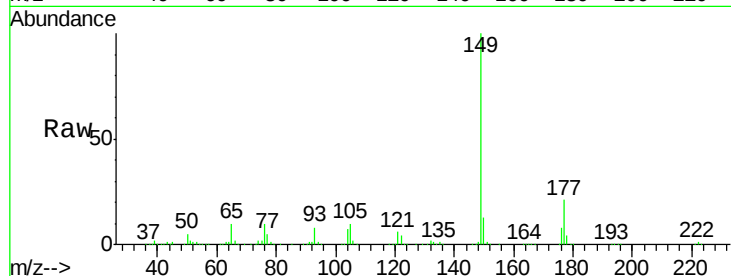




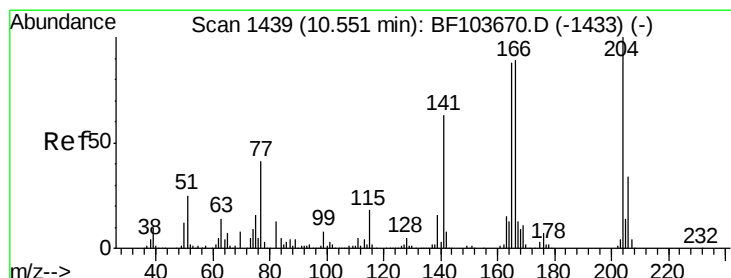
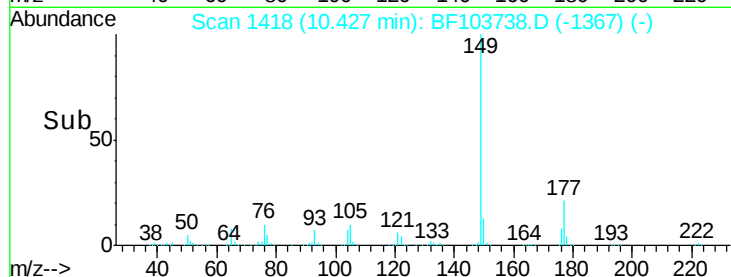
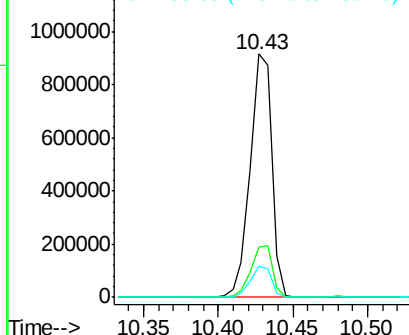
#59
Diethylphthalate
Concen: 47.019 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 914609
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.8 10.1 15.1

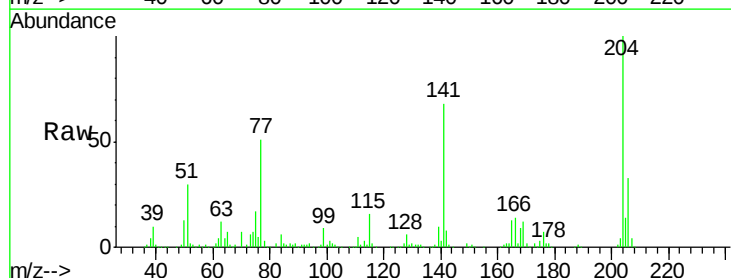


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

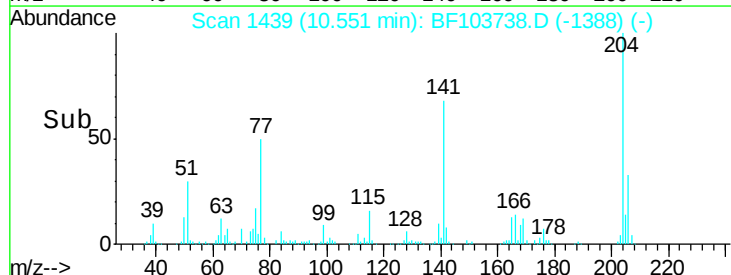
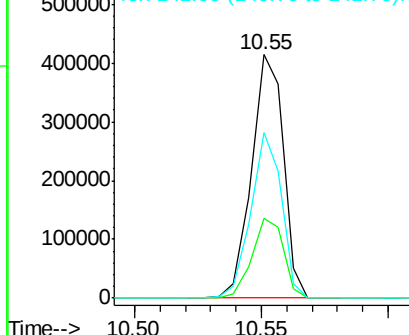


#60
4-Chlorophenyl-phenylether
Concen: 45.705 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion:204 Resp: 362624
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 68.2 54.6 81.8



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

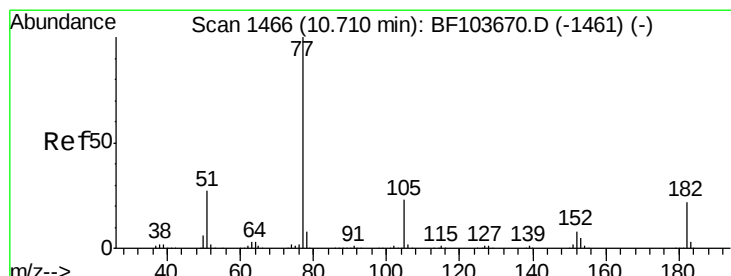
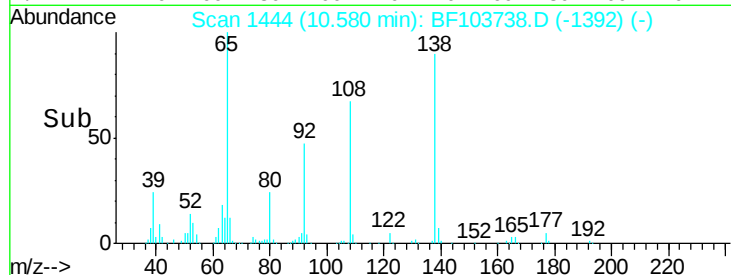
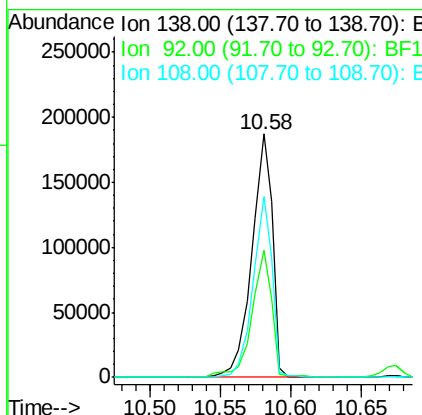
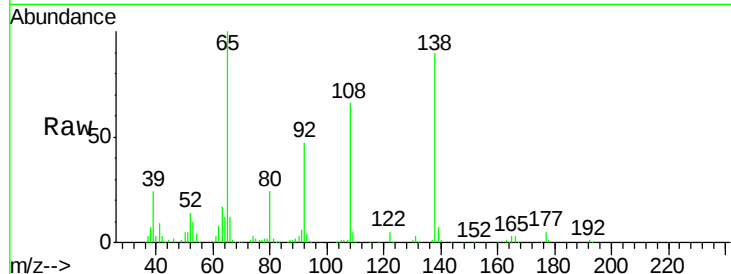




#61
4-Nitroaniline
Concen: 44.411 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

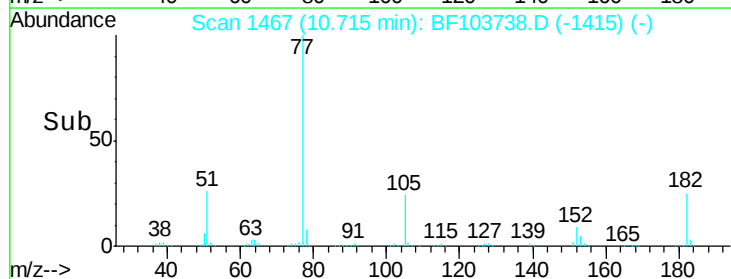
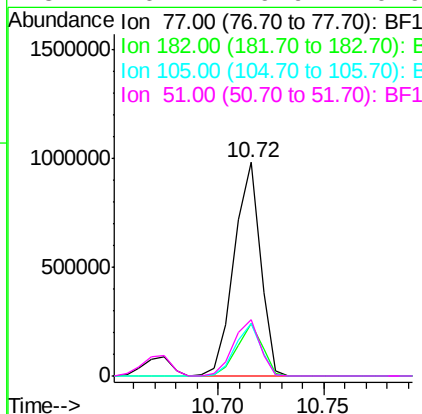
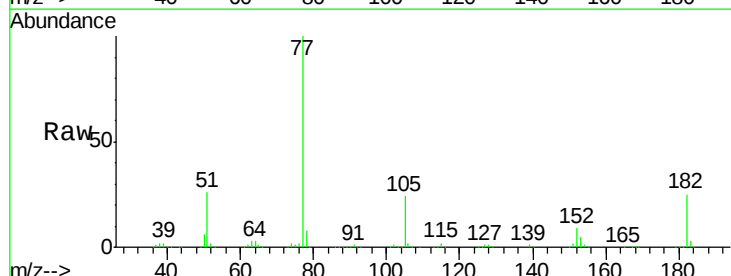
Instrument :
BNA_F
ClientSampleId :

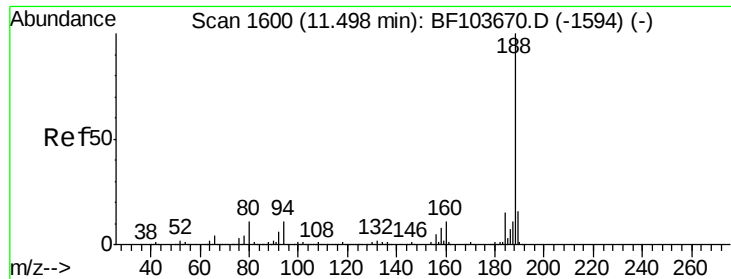
Tot Ion:138 Resp: 192884
Ion Ratio Lower Upper
138 100
92 52.0 30.2 70.2
108 74.1 52.5 92.5



#62
Azobenzene
Concen: 42.483 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion: 77 Resp: 840158
Ion Ratio Lower Upper
77 100
182 24.7 1.7 41.7
105 24.3 3.0 43.0
51 26.2 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

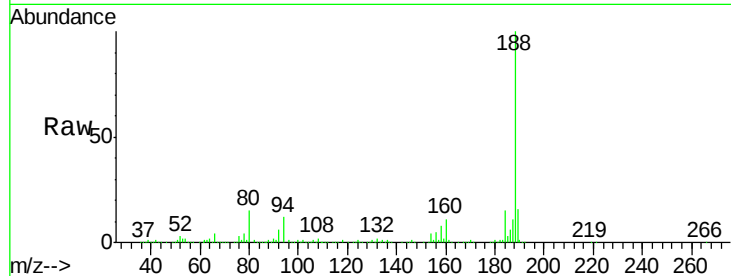
Tot Ion:188 Resp: 365297

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

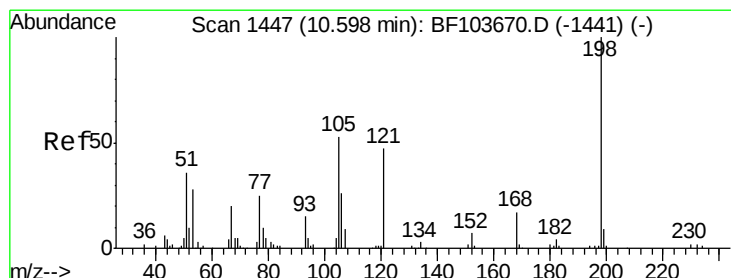
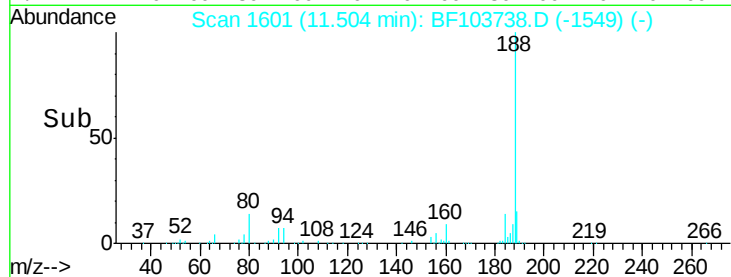
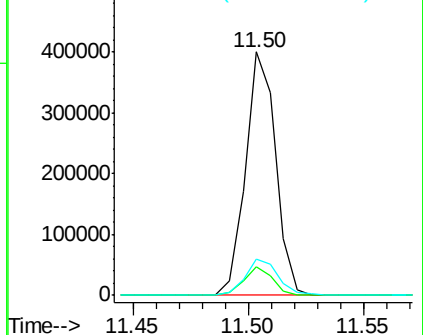
80 15.1 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 27.793 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

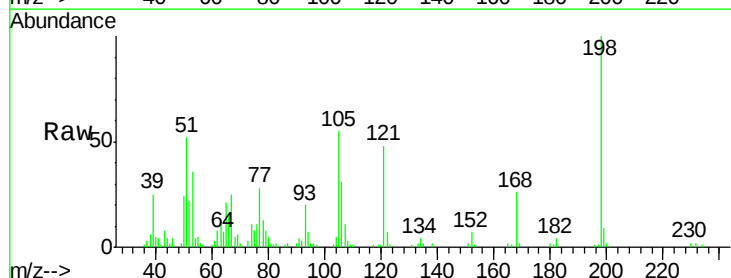
Tgt Ion:198 Resp: 27751

Ion Ratio Lower Upper

198 100

51 52.4 37.7 77.7

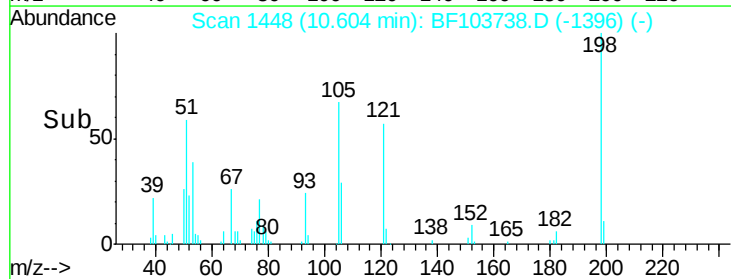
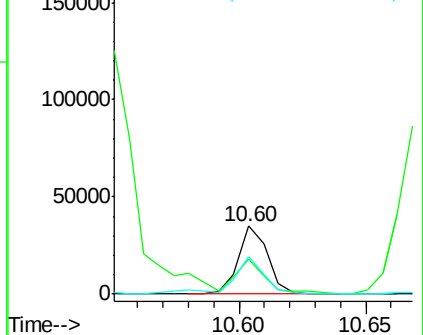
105 55.2 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

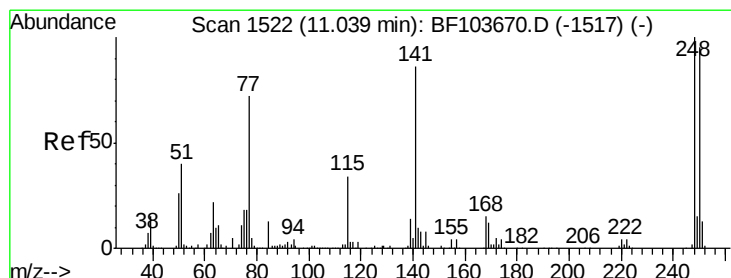
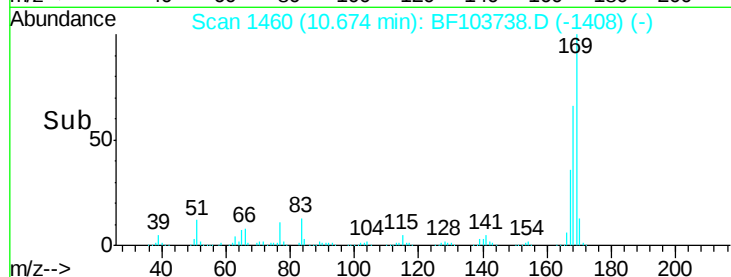
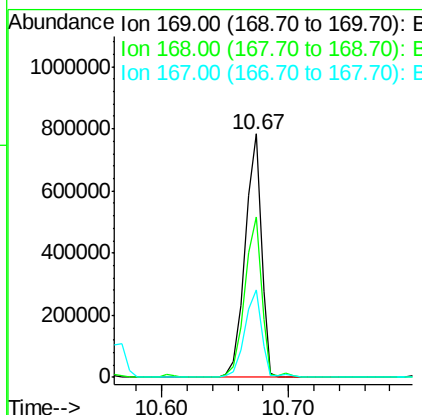
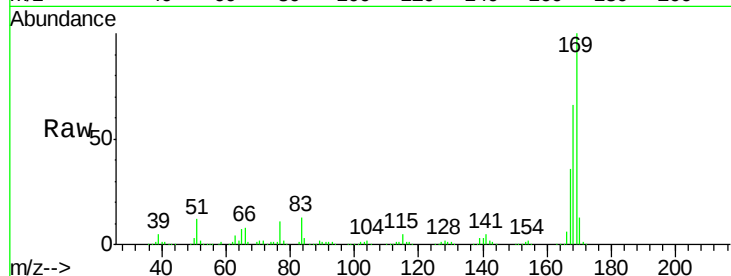




#65
 n-Nitrosodiphenylamine
 Concen: 55.832 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

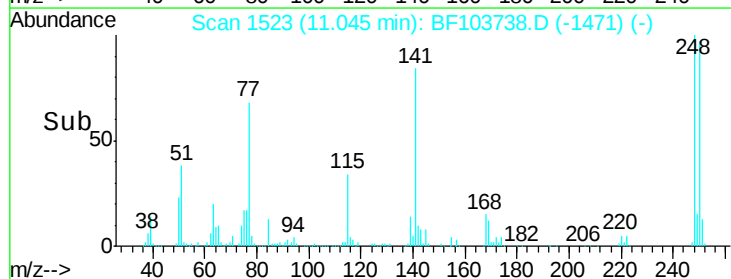
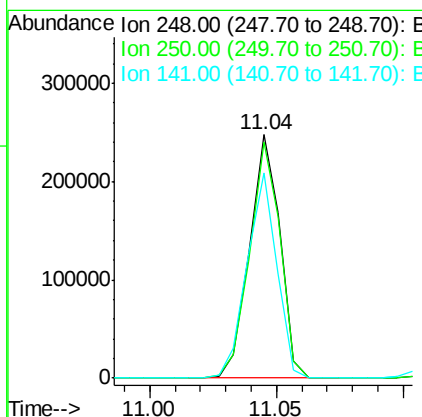
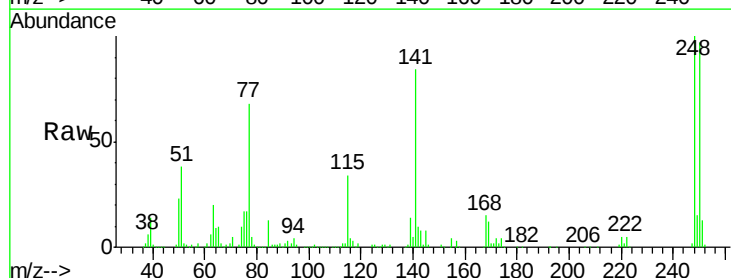
Instrument :
 BNA_F
 ClientSampleId :

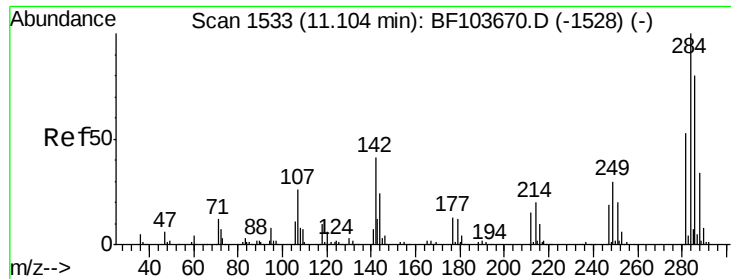
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.0	54.4	81.6
167	36.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 55.087 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	84.2	74.4	111.6

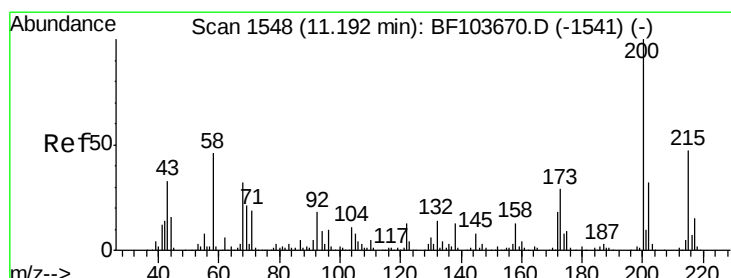
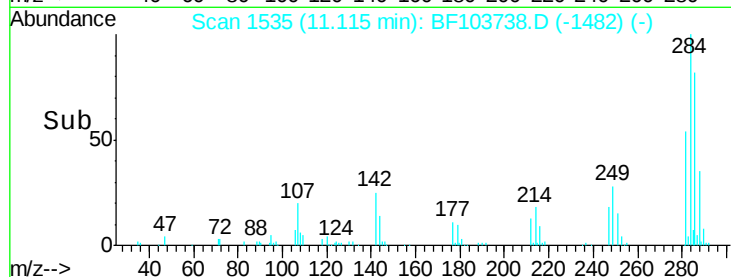
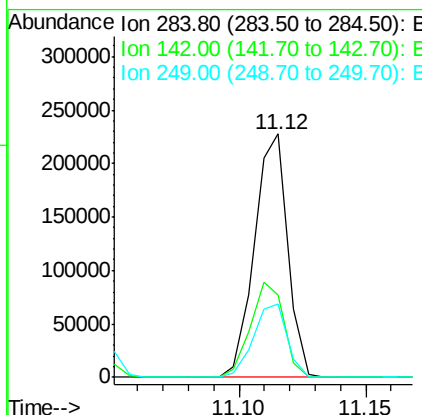
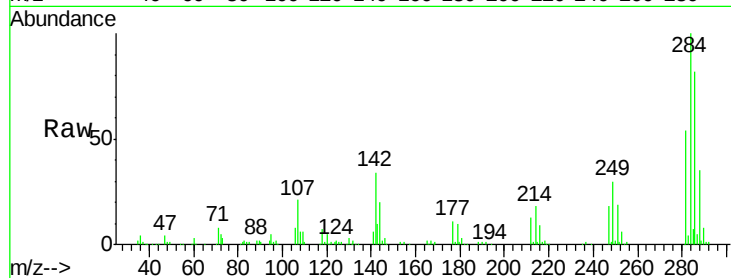




#67
Hexachlorobenzene
Concen: 48.407 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

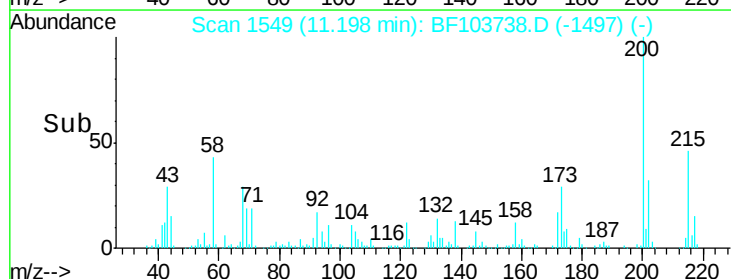
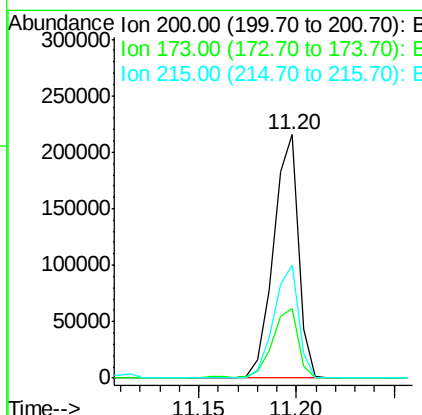
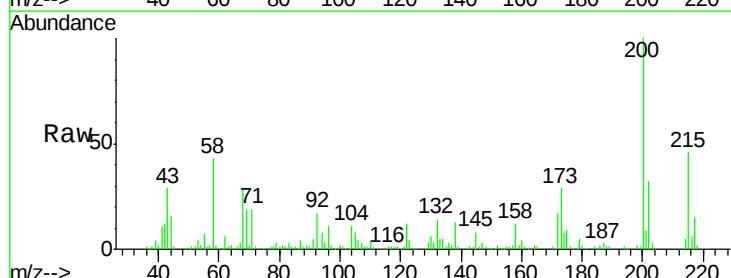
Instrument :
BNA_F
ClientSampleId :

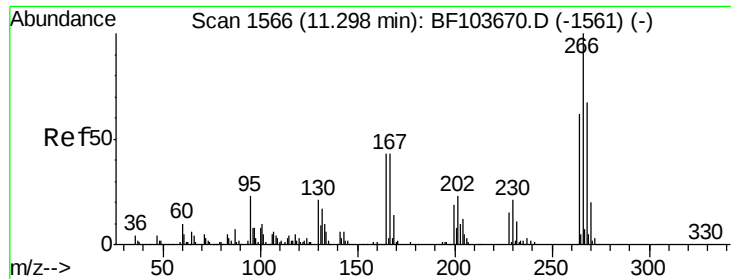
Tot Ion:284 Resp: 207217
Ion Ratio Lower Upper
284 100
142 34.0 34.6 52.0#
249 30.2 24.8 37.2



#68
Atrazine
Concen: 49.497 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion:200 Resp: 190382
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 46.2 25.1 65.1

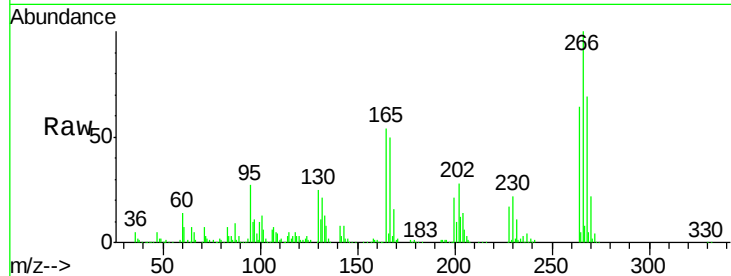




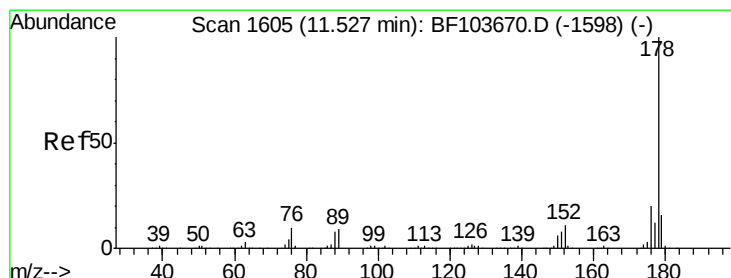
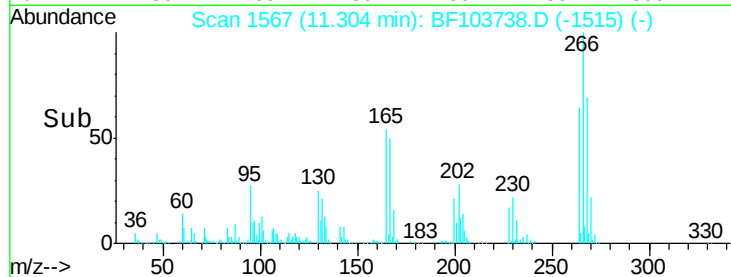
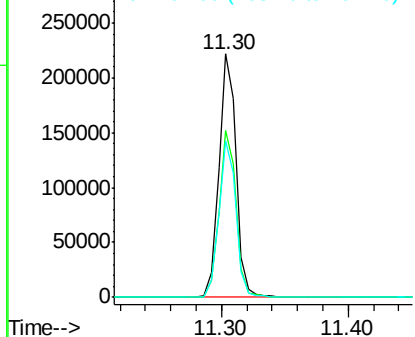
#69
 Pentachlorophenol
 Concen: 86.061 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 211802
 Ion Ratio Lower Upper
 266 100
 268 68.6 51.1 76.7
 264 64.5 49.5 74.3

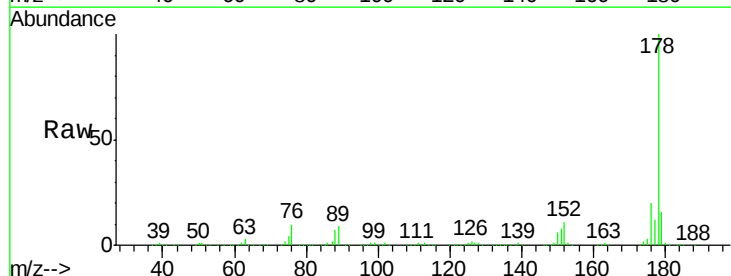


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

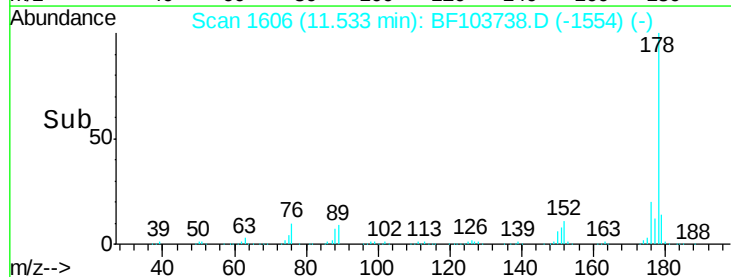
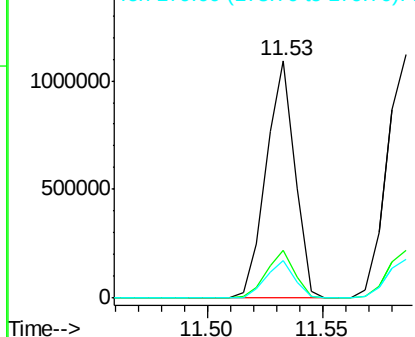


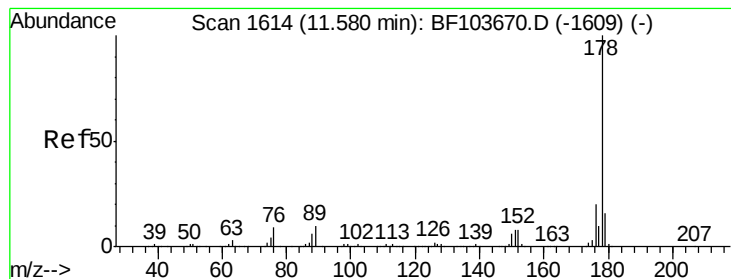
#70
 Phenanthrene
 Concen: 47.360 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Tgt Ion:178 Resp: 946380
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 47.436 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

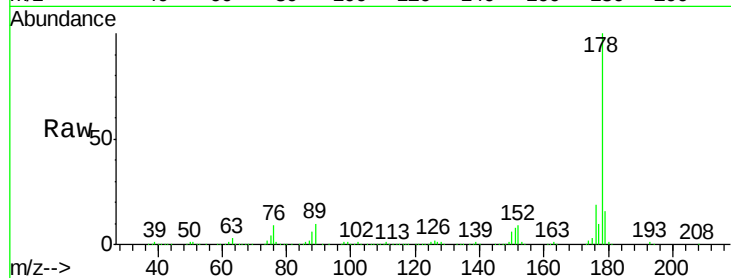
Tot Ion:178 Resp: 962741

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

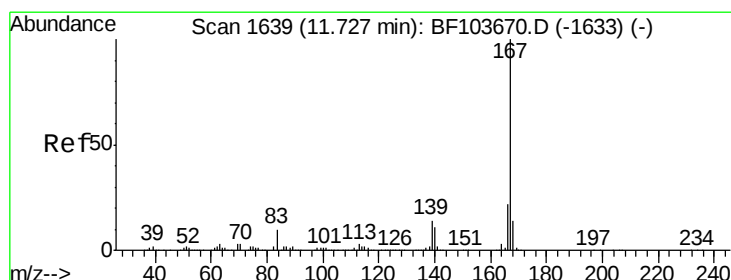
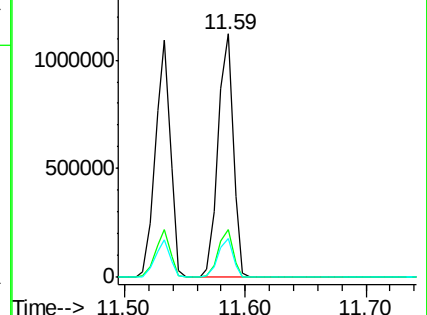
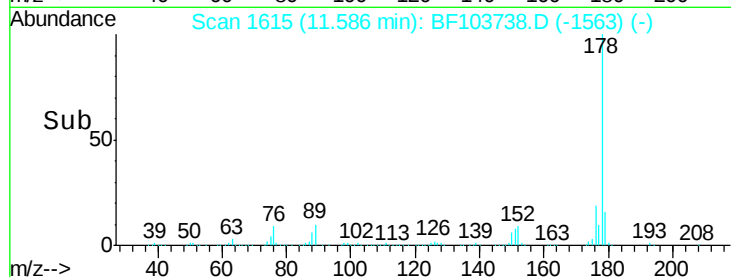
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.725 ng

RT: 11.74 min Scan# 1641

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

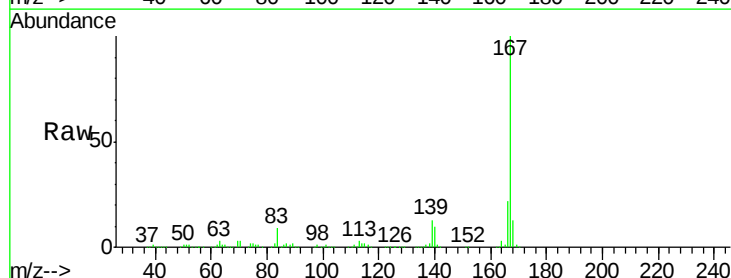
Tgt Ion:167 Resp: 882260

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

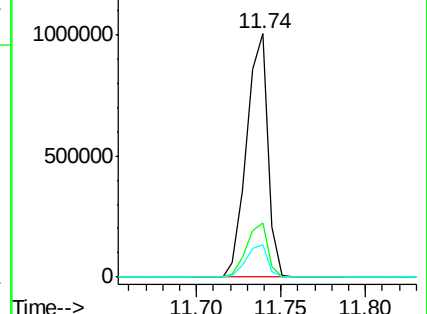
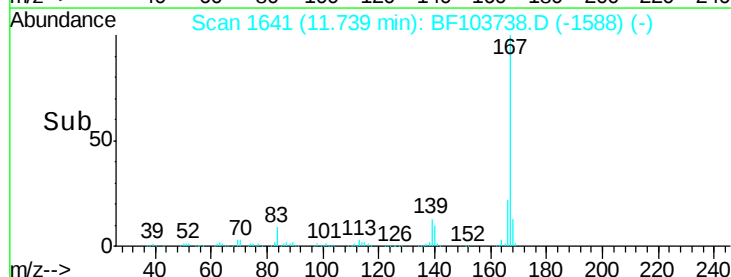
139 13.1 10.9 16.3

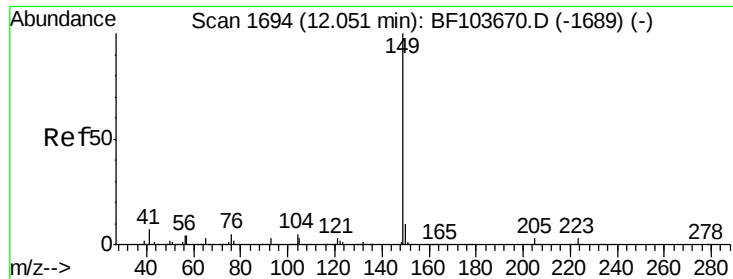


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.959 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

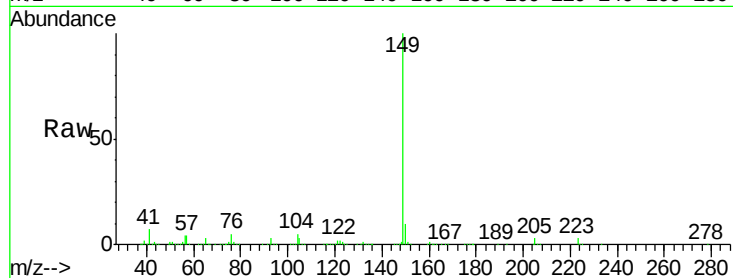
Tot Ion:149 Resp: 1229842

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

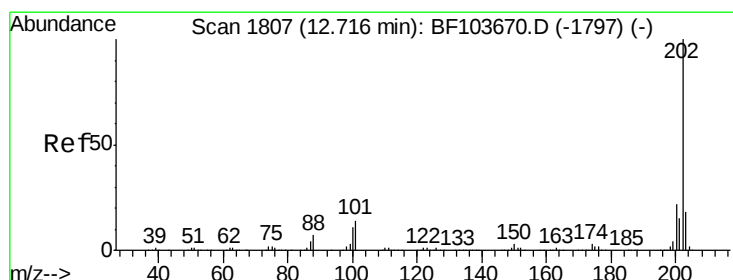
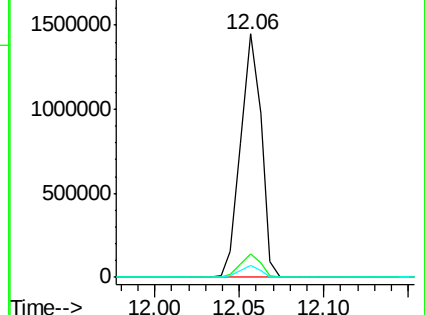
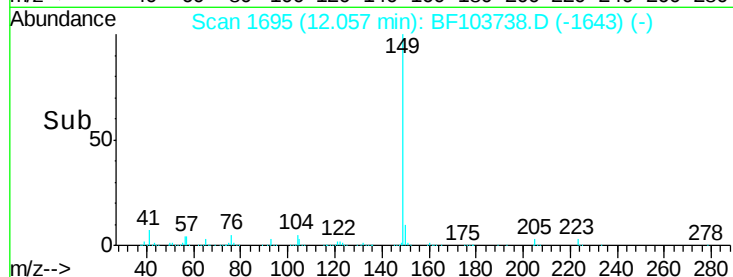
104 5.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.042 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

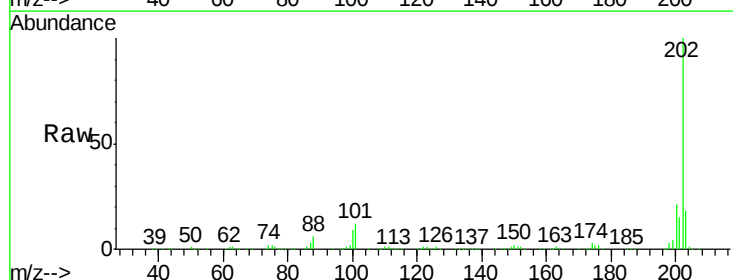
Tgt Ion:202 Resp: 886083

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

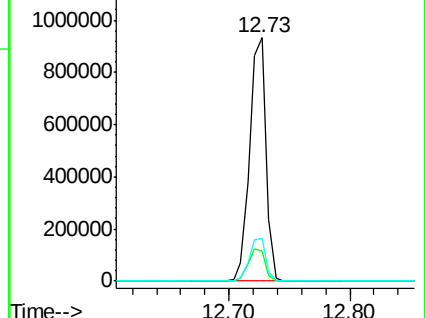
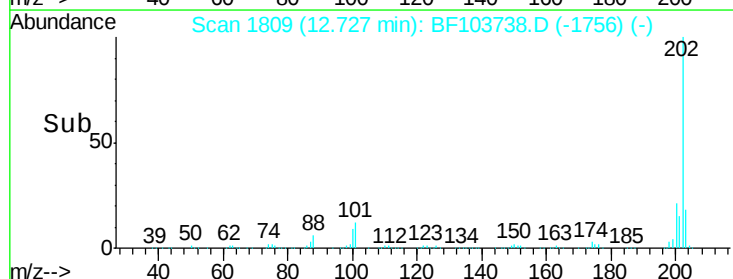
203 17.6 0.0 38.1

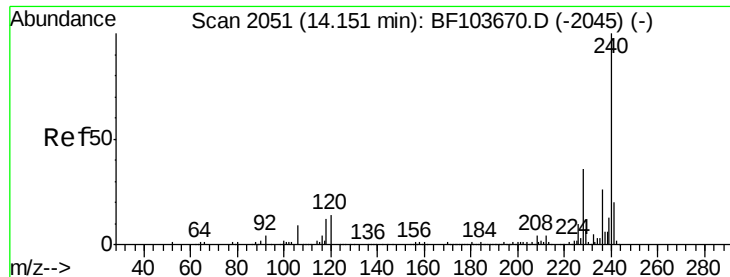


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2052

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

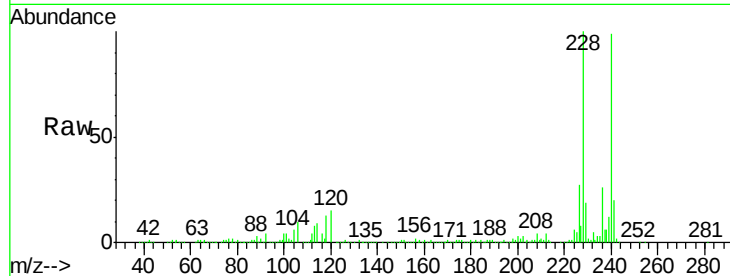
Tot Ion:240 Resp: 278065

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

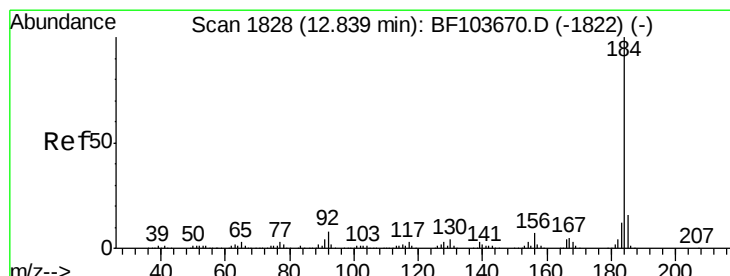
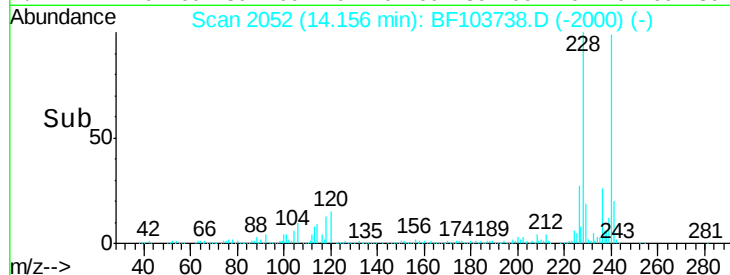
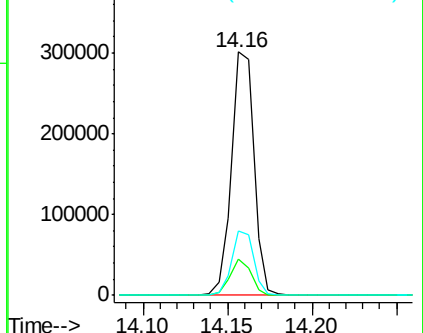
236 26.3 20.7 31.1



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: 14.755 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

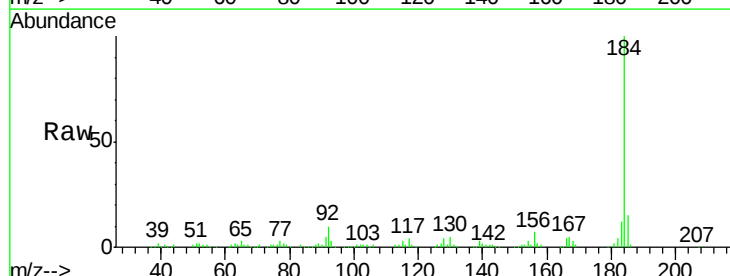
Tgt Ion:184 Resp: 174991

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

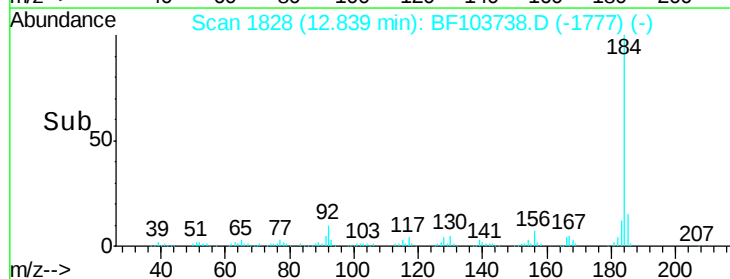
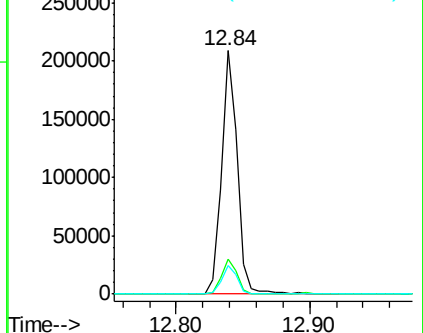
183 11.6 9.3 13.9

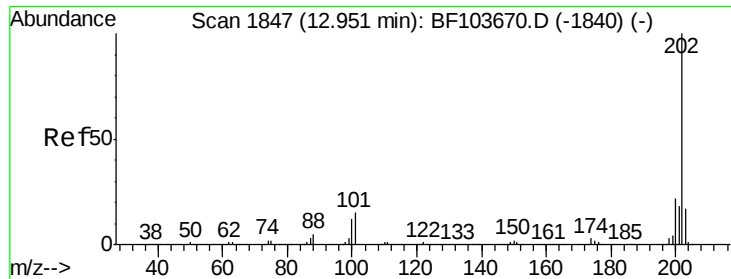


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

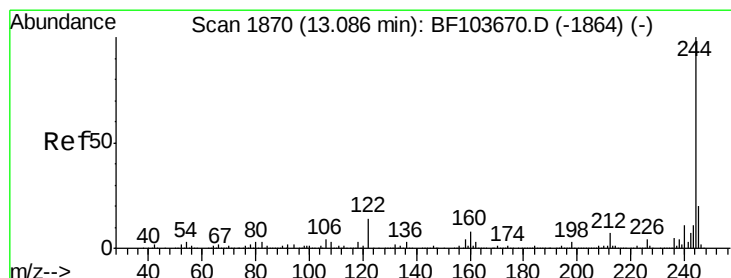
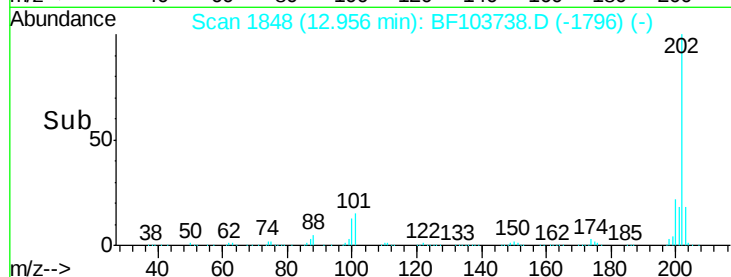
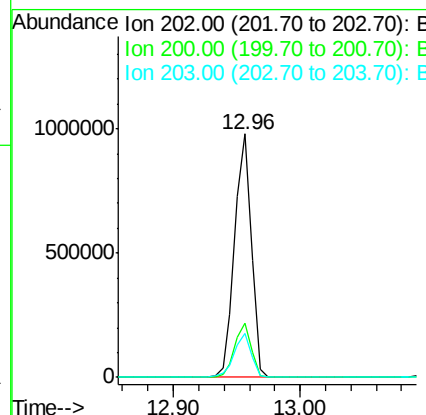
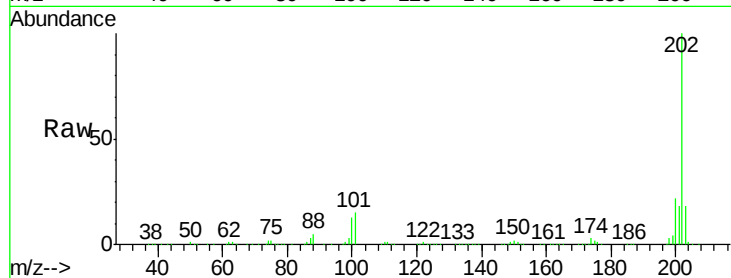




#77
Pvrene
Concen: 43.711 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

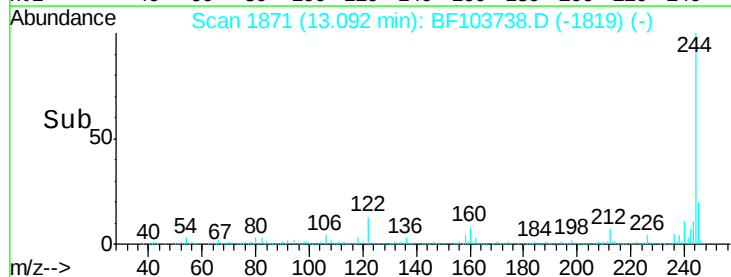
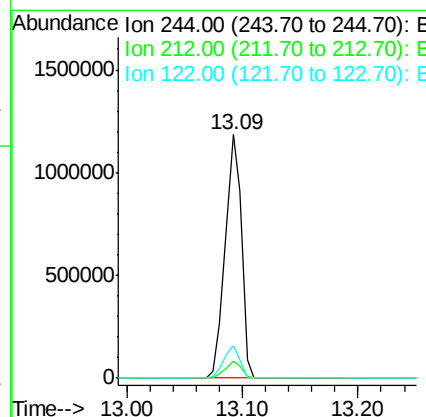
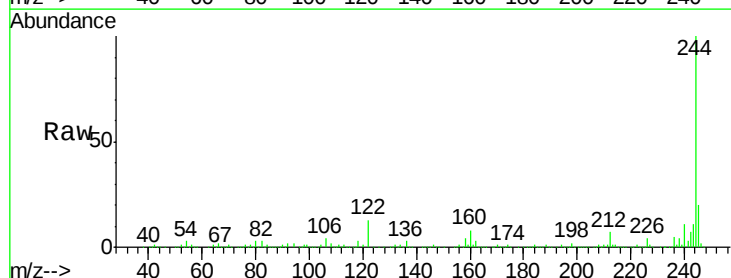
Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 892618
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 96.220 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion:244 Resp: 1152681
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.3 11.0 16.4

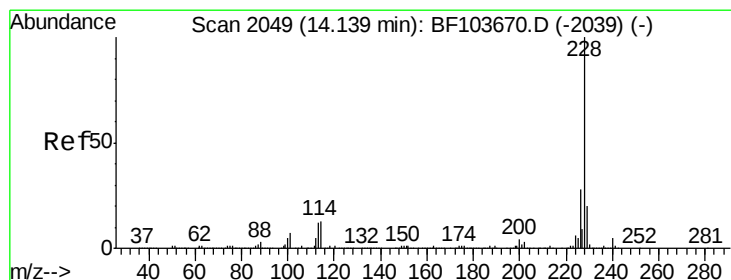
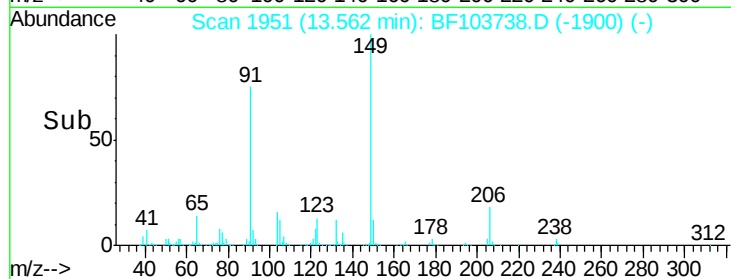
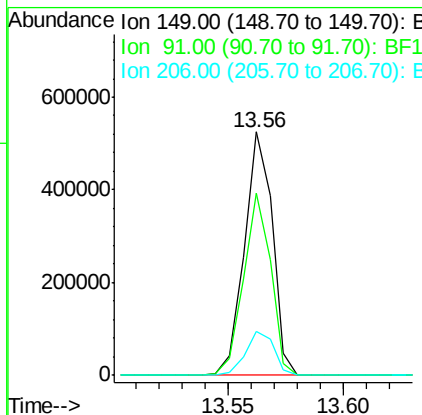
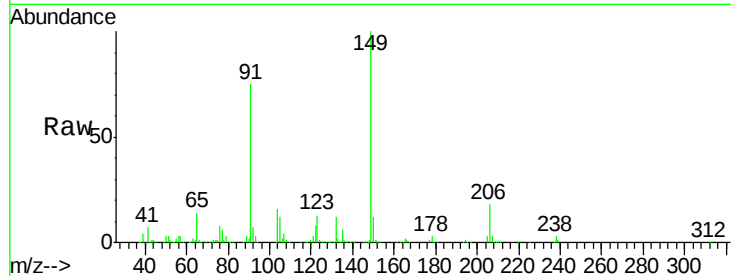




#79
Butylbenzylphthalate
Concen: 49.240 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

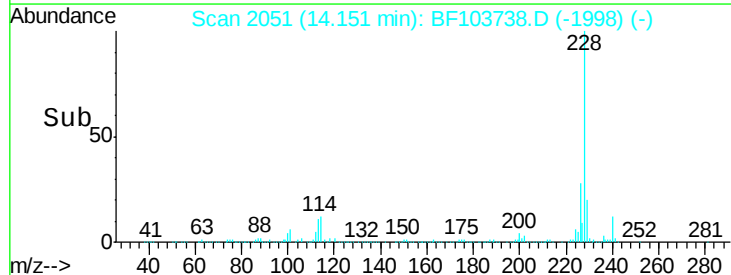
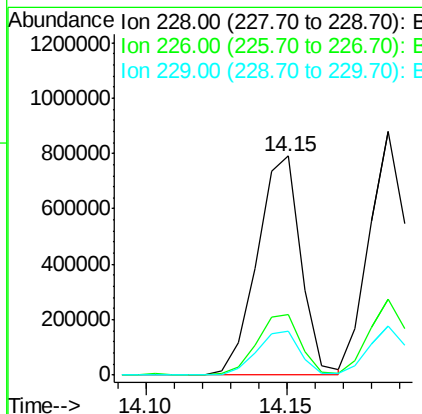
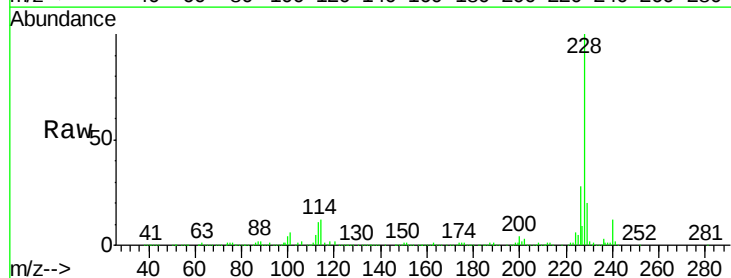
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 445502
Ion Ratio Lower Upper
149 100
91 74.6 56.8 85.2
206 18.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 48.185 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion:228 Resp: 848131
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.0 15.8 23.6

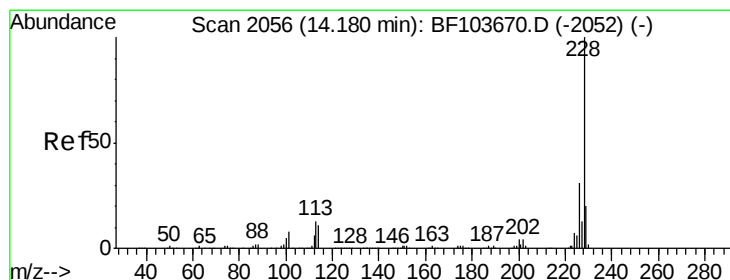
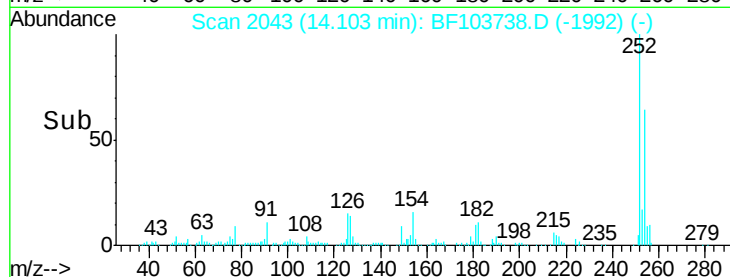
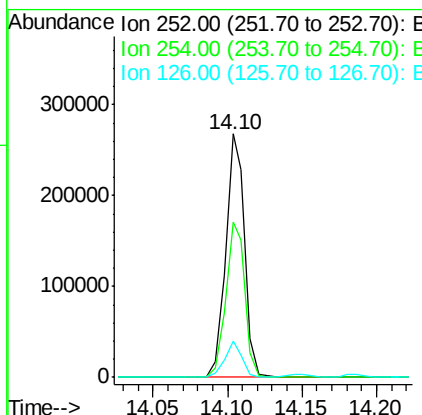
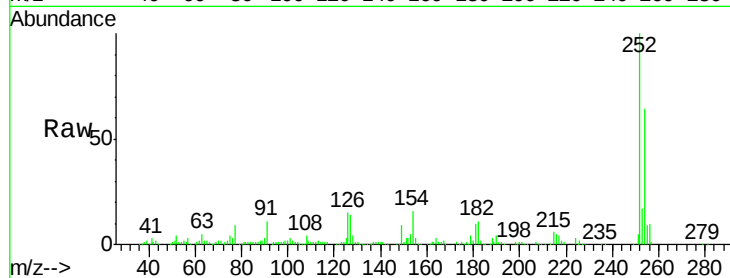




#81
 3,3'-Dichlorobenzidine
 Concen: 40.671 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

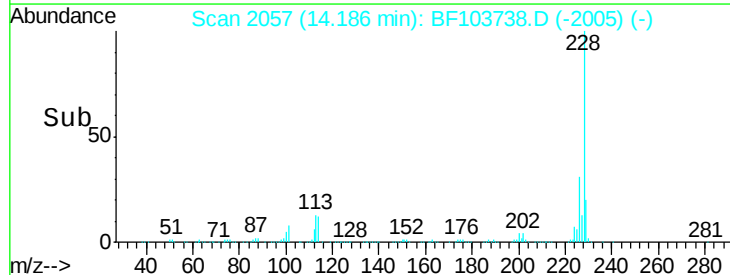
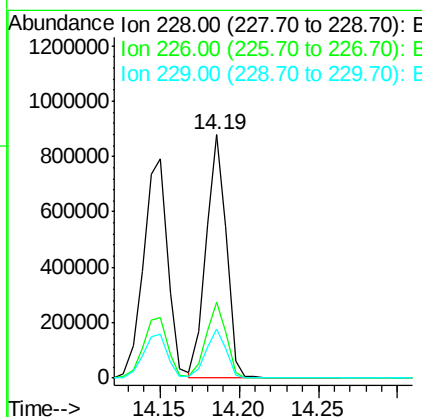
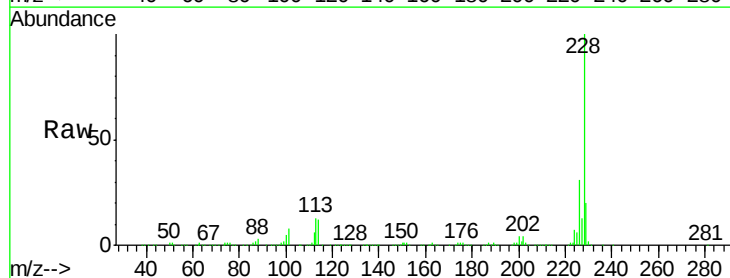
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.4	75.6
126	14.8	11.3	16.9



#82
 Chrysene
 Concen: 46.948 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.9	16.2	24.4

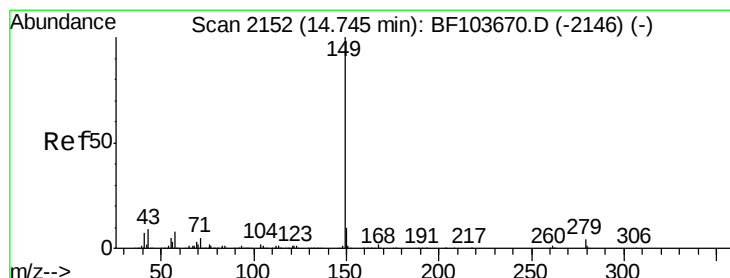
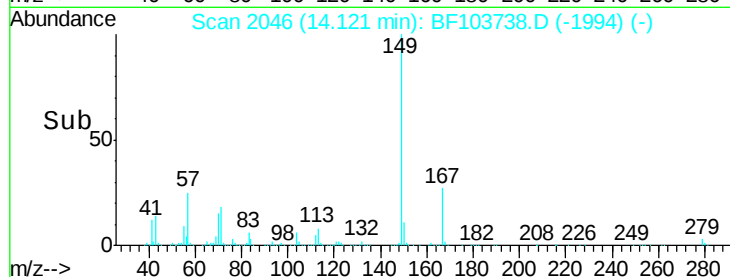
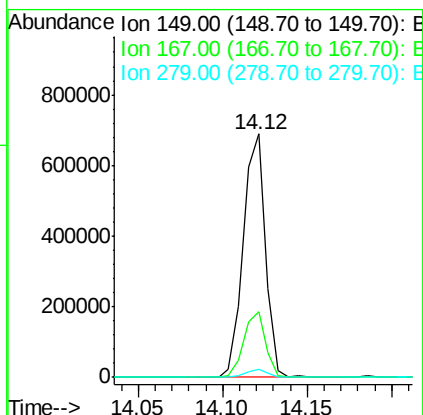
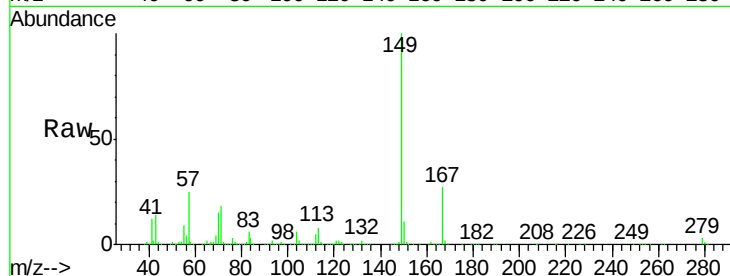




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.933 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

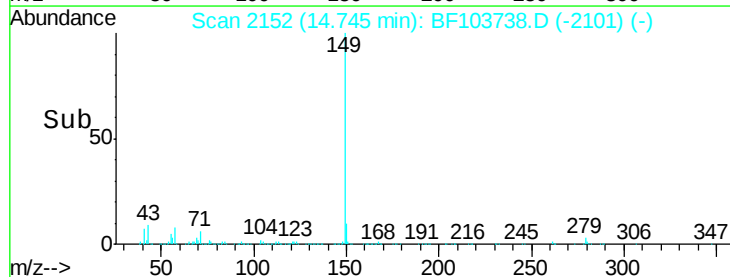
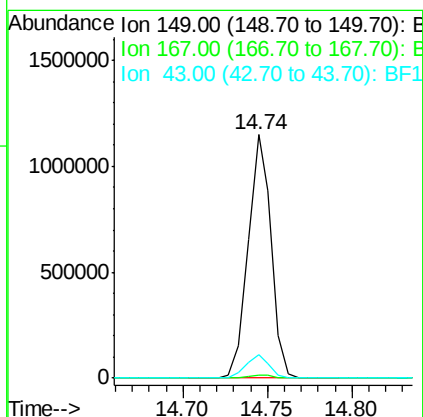
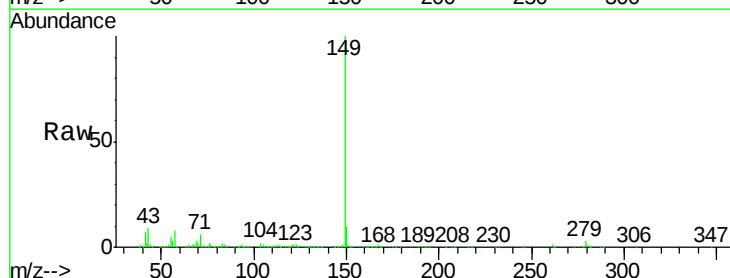
Instrument :
 BNA_F
 ClientSampleId :

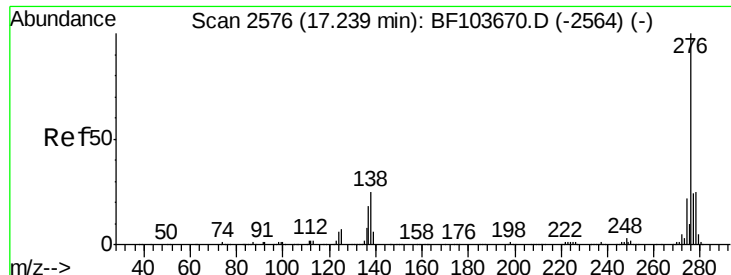
Tot Ion:149 Resp: 632472
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 57.966 ng
 RT: 14.74 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BF103738.D
 Acq: 17 Mar 2018 12:31

Tgt Ion:149 Resp: 1089983
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.4 12.6

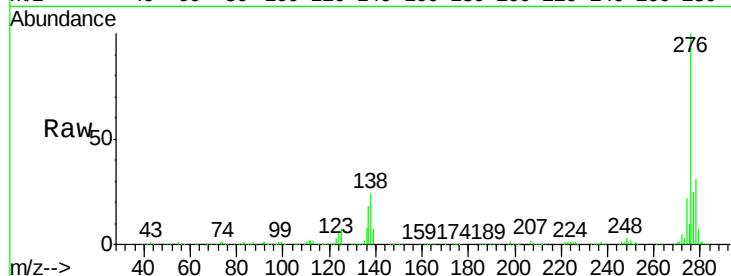




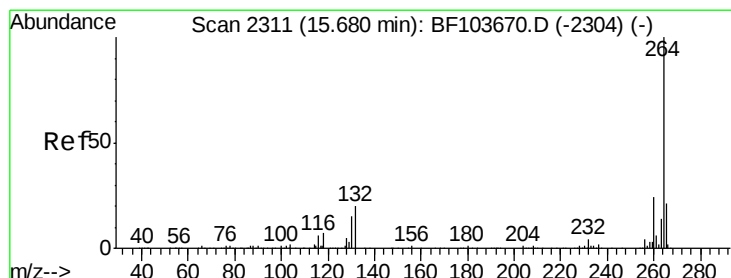
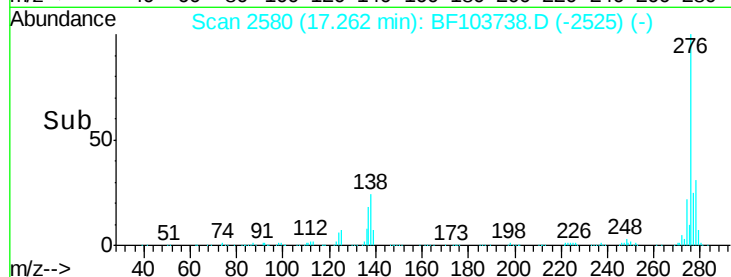
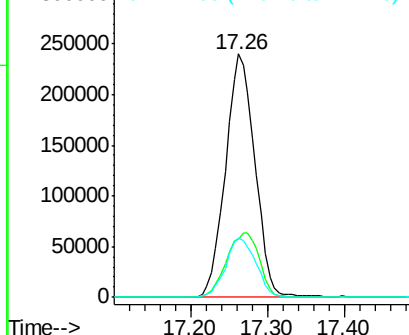
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.597 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.02 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 638818
Ion Ratio Lower Upper
276 100
138 29.9 25.0 37.6
277 25.2 20.1 30.1

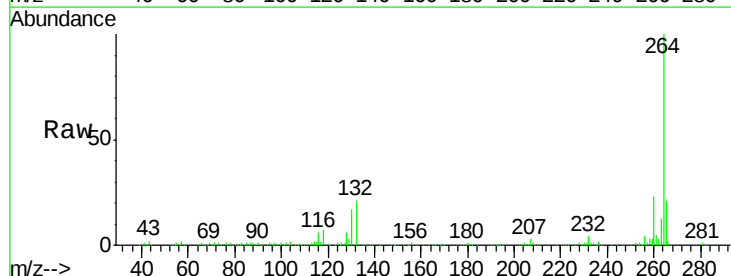


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

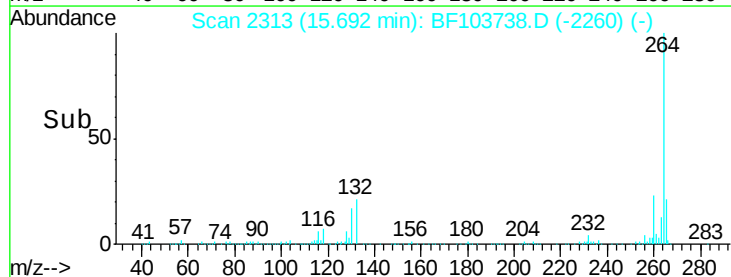
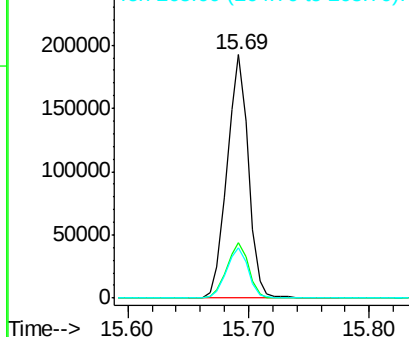


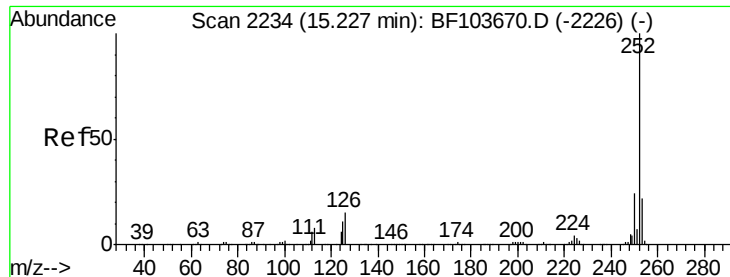
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103738.D
Acq: 17 Mar 2018 12:31

Tgt Ion:264 Resp: 235861
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 20.8 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: 49.310 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

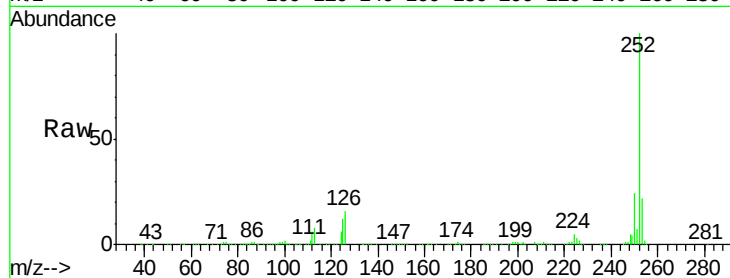
Tot Ion:252 Resp: 734772

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

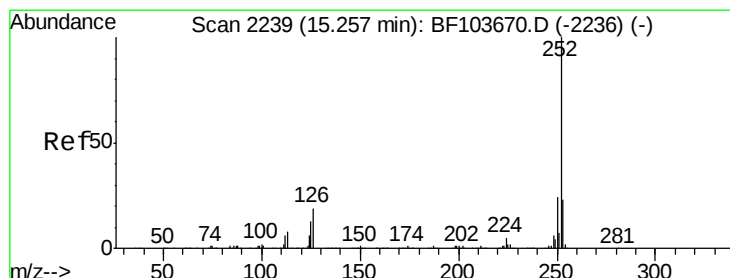
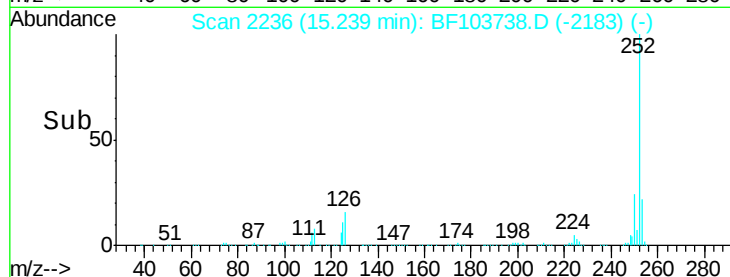
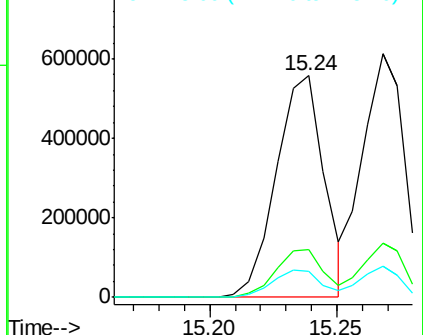
125 11.5 9.0 13.6



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: 49.735 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

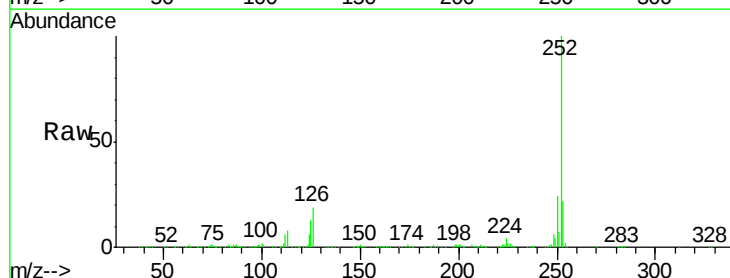
Tgt Ion:252 Resp: 712404

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

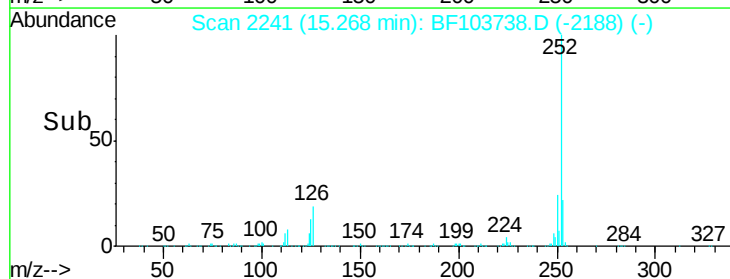
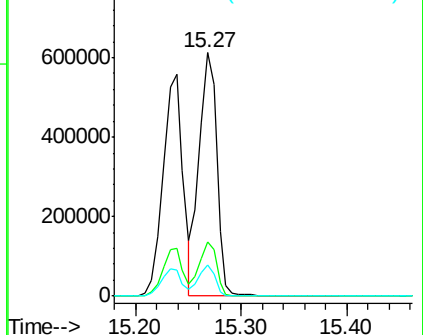
125 12.9 10.2 15.2

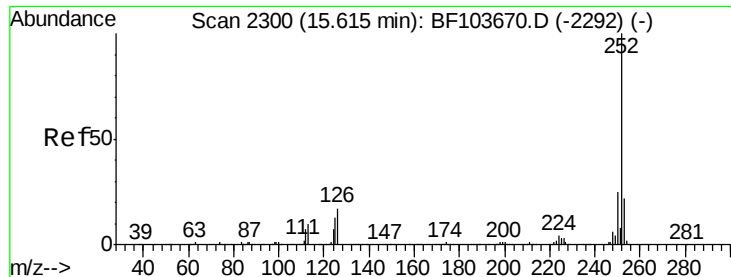


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.005 ng

RT: 15.63 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

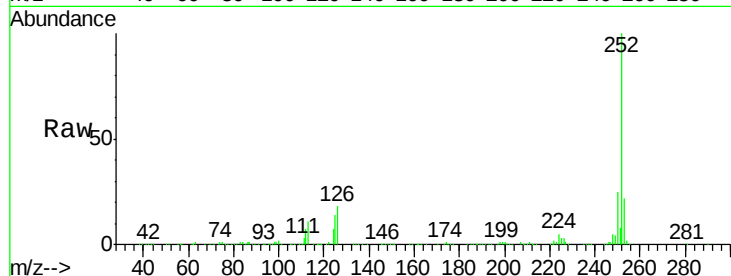
Tot Ion:252 Resp: 662328

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

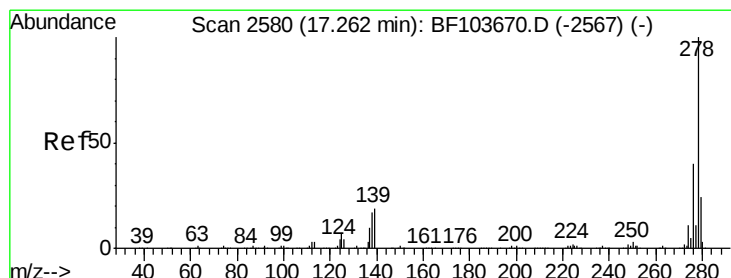
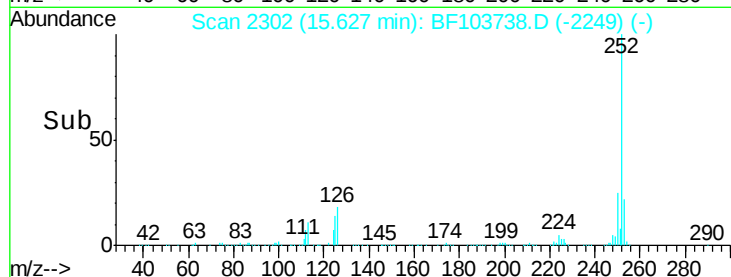
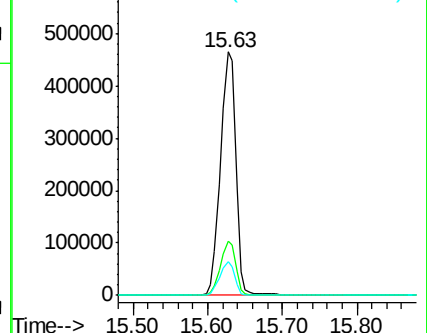
125 13.8 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 46.861 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.02 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

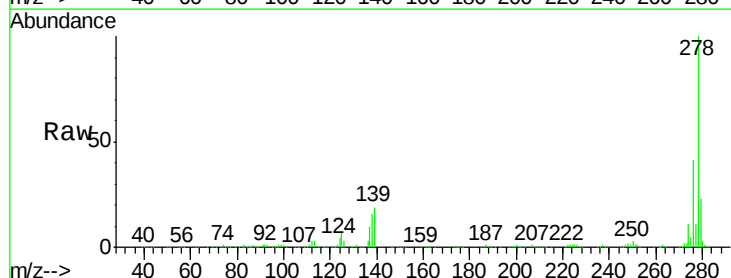
Tgt Ion:278 Resp: 548418

Ion Ratio Lower Upper

278 100

139 19.1 15.9 23.9

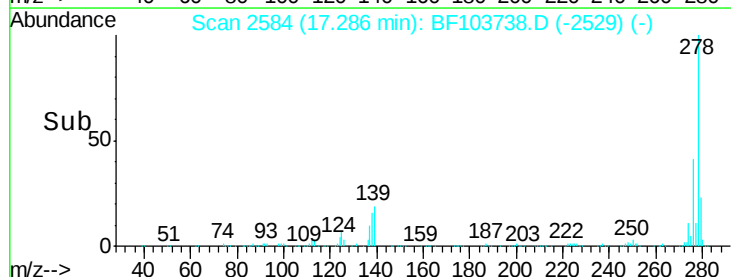
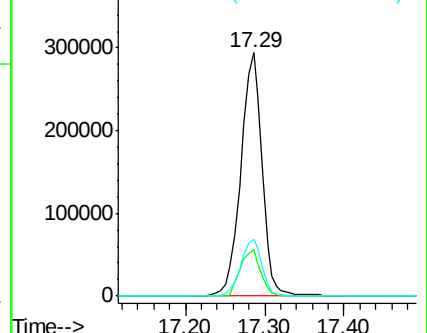
279 23.5 19.0 28.4

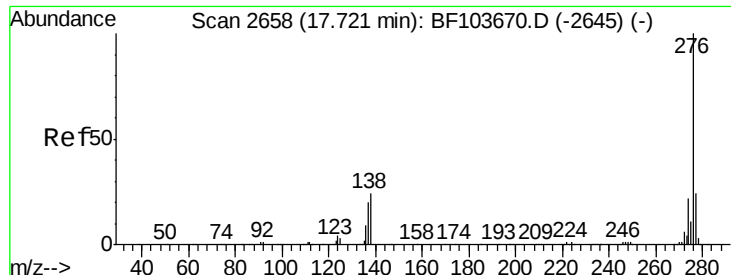


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.301 ng

RT: 17.74 min Scan# 2662

Delta R.T. 0.02 min

Lab File: BF103738.D

Acq: 17 Mar 2018 12:31

Instrument :

BNA_F

ClientSampleId :

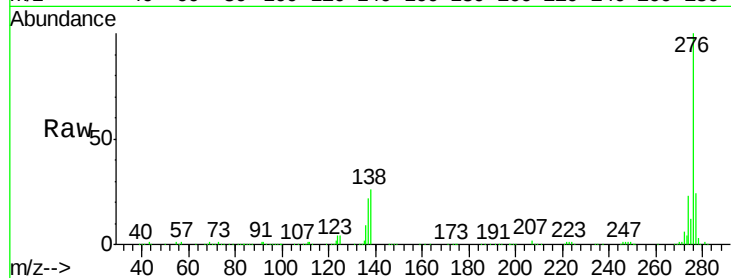
Tot Ion: 276 Resp: 515766

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 25.6 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

