

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102302.D
 Acq On : 22 Jan 2018 16:37
 Operator : SJ/JU
 Sample : PB105847BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 00:07:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	136372	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	565763	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	264052	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	466007	20.00	ng	0.00
75) Chrysene-d12	13.87	240	343095	20.00	ng	0.00
86) Perylene-d12	15.29	264	303362	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	861016	95.73	ng	0.00
7) Phenol-d6	6.36	99	1034653	95.42	ng	0.00
23) Nitrobenzene-d5	7.28	82	651631	66.19	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	245985	94.02	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1220311	67.95	ng	0.00
78) Terphenyl-d14	12.82	244	1125878	73.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	125001	29.252	ng	96
3) Pyridine	3.13	79	350116	31.352	ng	96
4) n-Nitrosodimethylamine	3.09	42	161343	36.852	ng	97
6) Aniline	6.38	93	297635	20.753	ng	95
8) 2-Chlorophenol	6.50	128	332044	35.219	ng	98
9) Benzaldehyde	6.26	77	184046	27.656	ng	95
10) Phenol	6.37	94	389922	32.939	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	298122	33.112	ng	98
12) 1,3-Dichlorobenzene	6.65	146	355610	31.715	ng	99
13) 1,4-Dichlorobenzene	6.73	146	359902	32.042	ng	97
14) 1,2-Dichlorobenzene	6.88	146	336421	32.745	ng	99
15) Benzyl Alcohol	6.86	79	262162	34.267	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	503674	33.355	ng	97
17) 2-Methylphenol	6.97	107	275954	33.702	ng	98
18) Hexachloroethane	7.22	117	126171	32.236	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	218410	32.915	ng	99
20) 3+4-Methylphenols	7.13	107	334009	34.684	ng	# 81
22) Acetophenone	7.13	105	443413	32.877	ng	# 92
24) Nitrobenzene	7.30	77	336189	33.368	ng	98
25) Isophorone	7.54	82	619088	35.273	ng	99
26) 2-Nitrophenol	7.62	139	184533	34.800	ng	94
27) 2,4-Dimethylphenol	7.66	122	301343	39.137	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	392278	36.181	ng	99
29) 2,4-Dichlorophenol	7.86	162	280599	35.776	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	271644	32.310	ng	97
31) Naphthalene	8.02	128	934473	33.081	ng	99
32) Benzoic acid	7.79	122	189527	29.380	ng	95
33) 4-Chloroaniline	8.07	127	189116	15.921	ng	96
34) Hexachlorobutadiene	8.13	225	142044	31.633	ng	98
35) Caprolactam	8.45	113	56517	21.819	ng	97
36) 4-Chloro-3-methylphenol	8.56	107	298026	36.049	ng	96
37) 2-Methylnaphthalene	8.71	142	652807	34.701	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	251117	31.610	ng	98
40) Hexachlorocyclopentadiene	8.86	237	225340	63.382	ng	99

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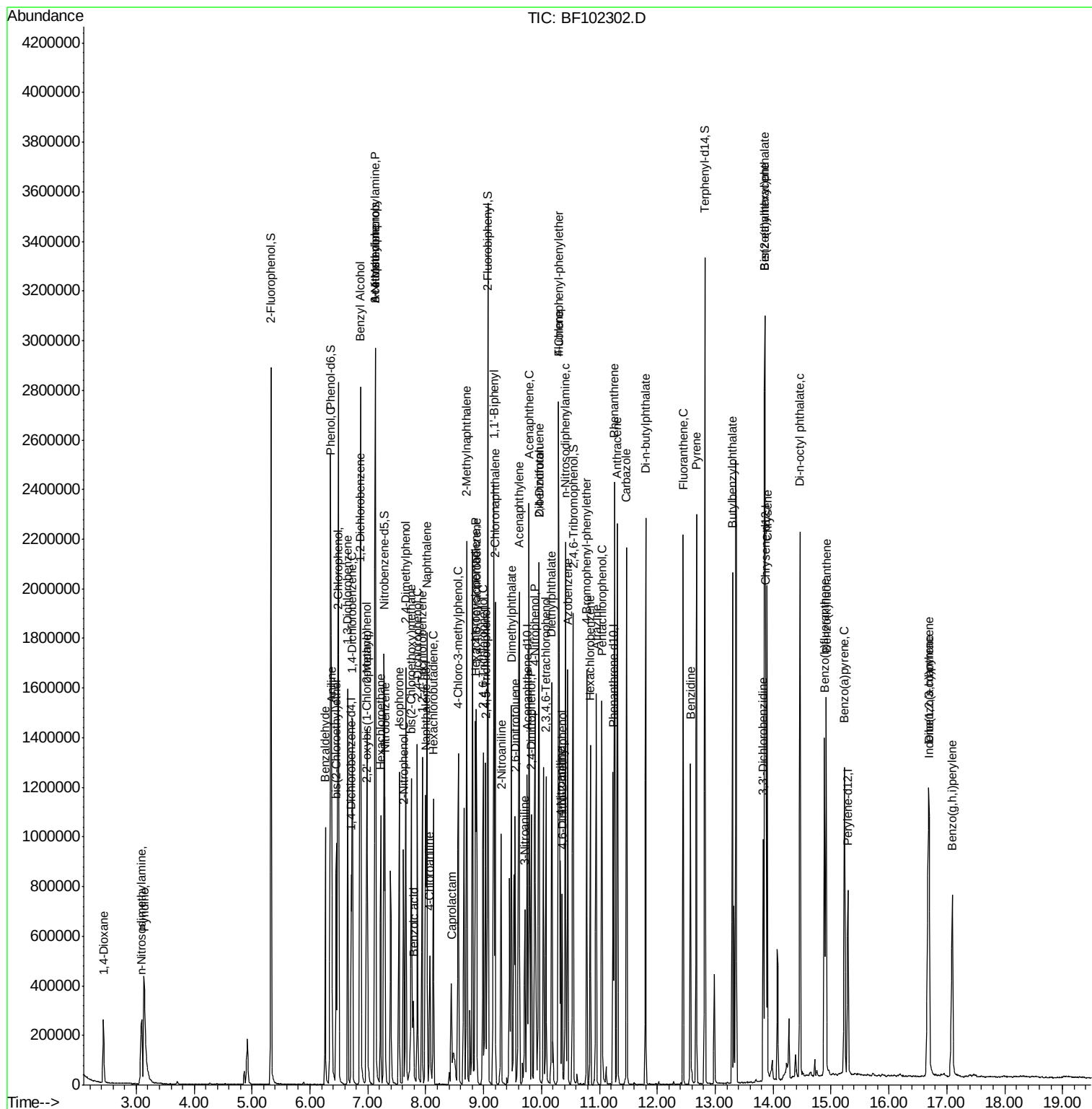
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	182690	34.352	ng	100
43) 2,4,5-Trichlorophenol	9.03	196	192646	32.173	ng	96
45) 1,1'-Biphenyl	9.17	154	765991	32.443	ng	98
46) 2-Chloronaphthalene	9.20	162	592943	32.309	ng	97
47) 2-Nitroaniline	9.30	65	188829	33.003	ng	96
48) Acenaphthylene	9.62	152	901208	31.520	ng	99
49) Dimethylphthalate	9.48	163	704482	32.278	ng	99
50) 2,6-Dinitrotoluene	9.55	165	156923	33.348	ng	89
51) Acenaphthene	9.79	154	526791	31.548	ng	99
52) 3-Nitroaniline	9.71	138	111985	20.117	ng	95
53) 2,4-Dinitrophenol	9.82	184	139370	66.658	ng	# 21
54) Dibenzofuran	9.96	168	793315	35.104	ng	97
55) 4-Nitrophenol	9.89	139	261003	71.030	ng	96
56) 2,4-Dinitrotoluene	9.95	165	201471	34.817	ng	# 94
57) Fluorene	10.30	166	615367	34.364	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	150983	35.315	ng	99
59) Diethylphthalate	10.17	149	690400	32.552	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	267296	34.428	ng	100
61) 4-Nitroaniline	10.33	138	176989	31.863	ng	94
62) Azobenzene	10.45	77	645145	33.224	ng	98
64) 4,6-Dinitro-2-methylphenol	10.36	198	94126	30.275	ng	87
65) n-Nitrosodiphenylamine	10.42	169	573758	33.545	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	166837	33.257	ng	97
67) Hexachlorobenzene	10.85	284	179616	32.015	ng	92
68) Atrazine	10.95	200	178458	35.327	ng	96
69) Pentachlorophenol	11.05	266	181055	61.432	ng	97
70) Phenanthrene	11.26	178	895856	32.990	ng	99
71) Anthracene	11.32	178	936648	33.793	ng	99
72) Carbazole	11.47	167	893239	33.034	ng	99
73) Di-n-butylphthalate	11.80	149	1130486	33.447	ng	99
74) Fluoranthene	12.45	202	917070	33.117	ng	99
76) Benzidine	12.57	184	476042	41.302	ng	98
77) Pyrene	12.67	202	915170	34.500	ng	99
79) Butylbenzylphthalate	13.30	149	484203	36.679	ng	94
80) Benzo(a)anthracene	13.86	228	677974	32.096	ng	100
81) 3,3'-Dichlorobenzidine	13.83	252	180102	23.243	ng	100
82) Chrysene	13.90	228	680305	31.715	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	625187	35.240	ng	# 99
84) Di-n-octyl phthalate	14.46	149	1049731	36.384	ng	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	647141	36.530	ng	98
87) Benzo(b)fluoranthene	14.89	252	685201	34.848	ng	98
88) Benzo(k)fluoranthene	14.92	252	549870	29.600	ng	99
89) Benzo(a)pyrene	15.23	252	603372	34.025	ng	98
90) Dibenzo(a,h)anthracene	16.70	278	531063	36.970	ng	99
91) Benzo(g,h,i)perylene	17.10	276	546748	38.548	ng	96

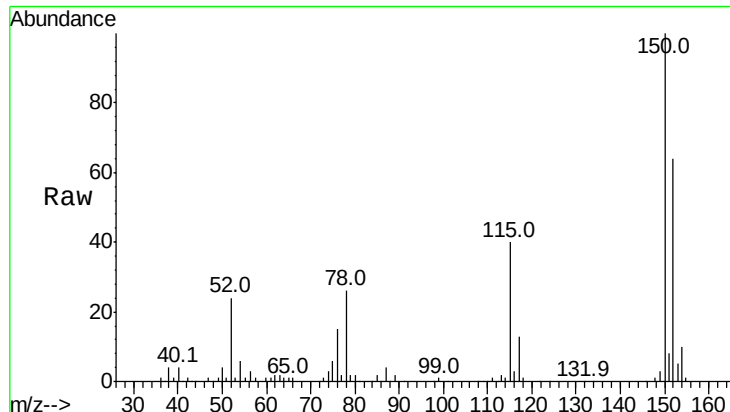
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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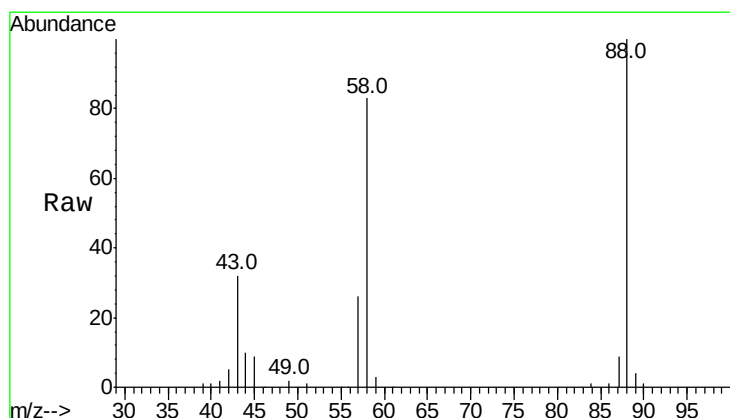
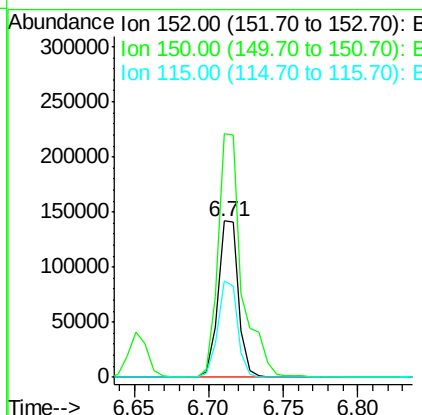
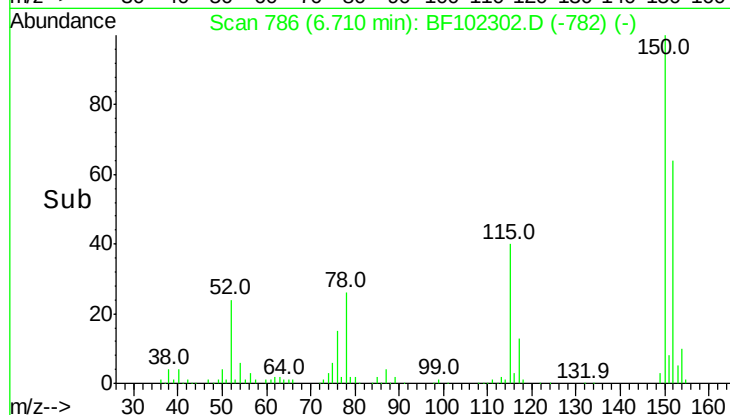




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

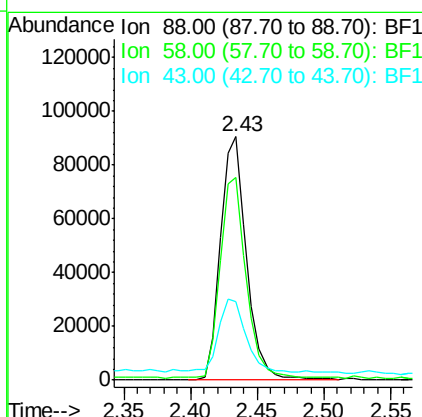
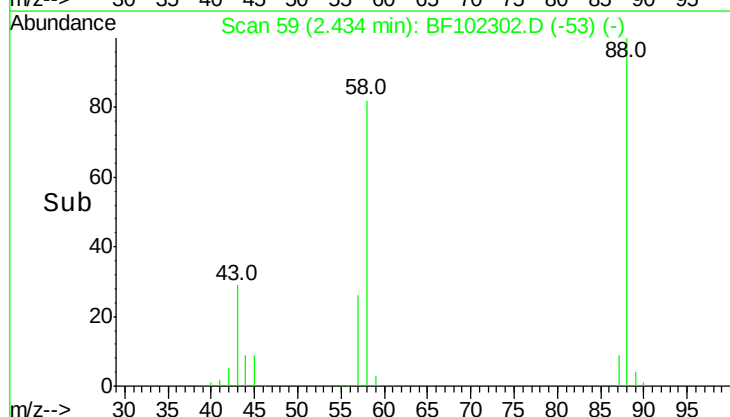
Instrument :
 BNA_F
 ClientSampled :

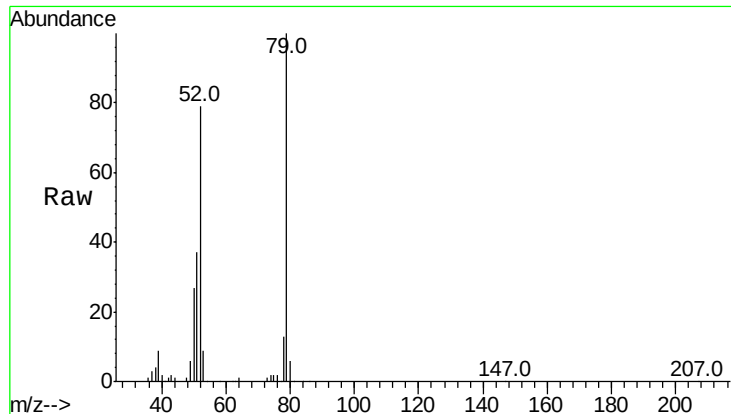
Tot Ion:152 Resp: 136372
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 61.8 50.1 75.1



#2
 1,4-Dioxane
 Concen: 29.252 ng
 RT: 2.43 min Scan# 59
 Delta R.T. 0.06 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion: 88 Resp: 125001
 Ion Ratio Lower Upper
 88 100
 58 81.7 62.6 93.8
 43 32.9 24.6 37.0

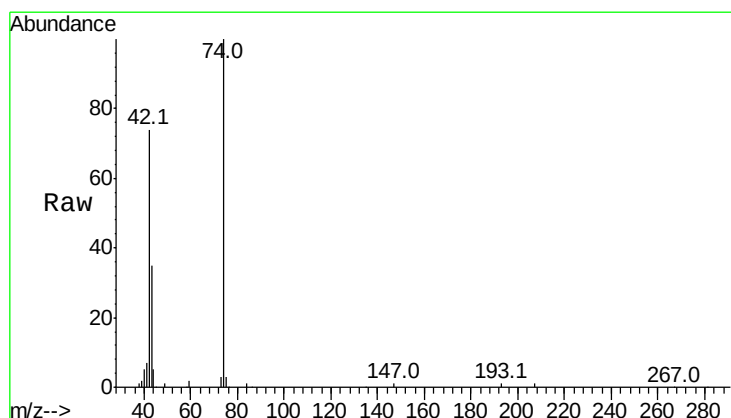
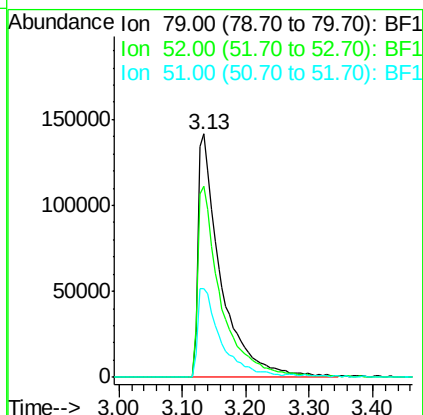
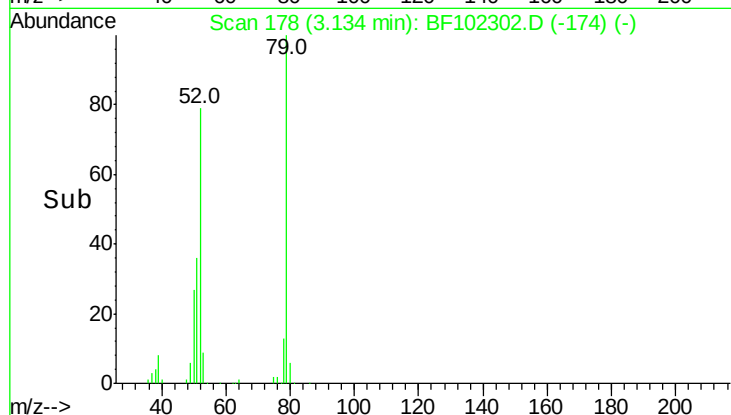




#3
 Pvridine
 Concen: 31.352 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.06 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

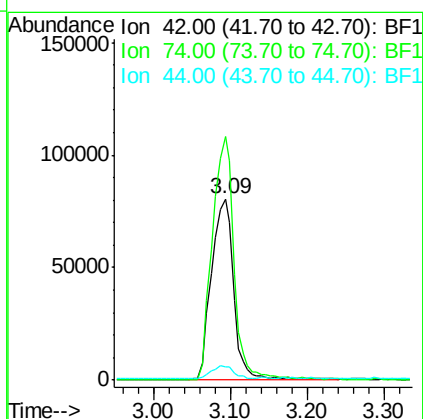
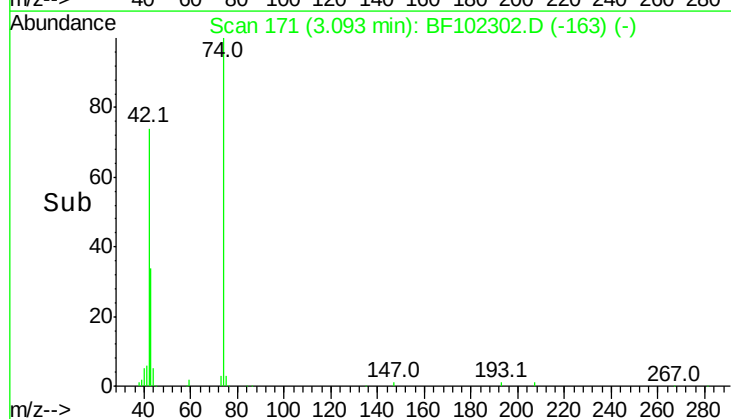
Instrument :
 BNA_F
 ClientSampleId :

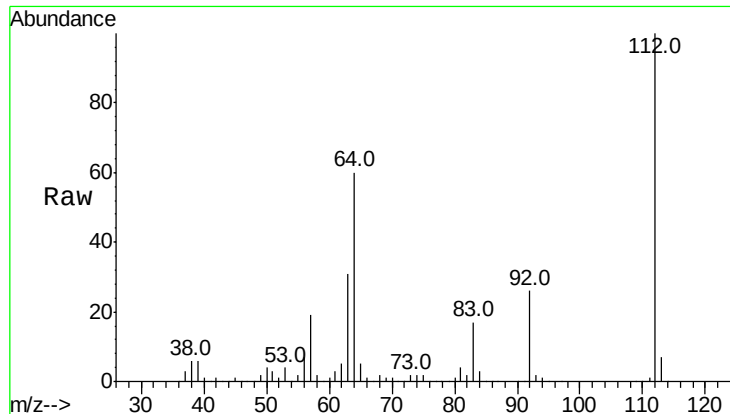
Tot Ion	Ratio	Lower	Upper
79	100		
52	78.7	59.8	89.6
51	36.6	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.852 ng
 RT: 3.09 min Scan# 171
 Delta R.T. 0.05 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.3	104.9	157.3
44	7.3	6.9	10.3

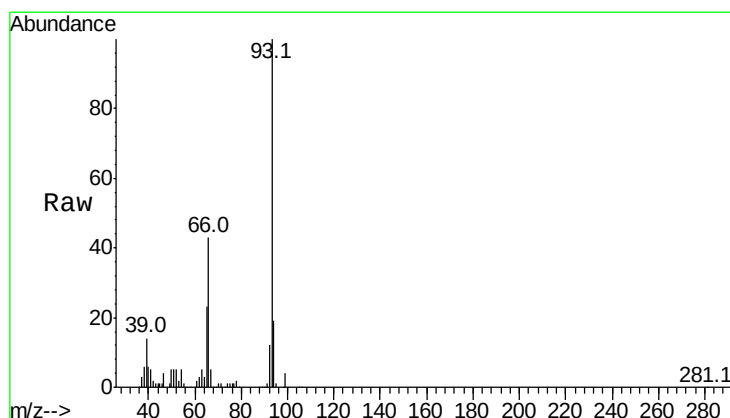
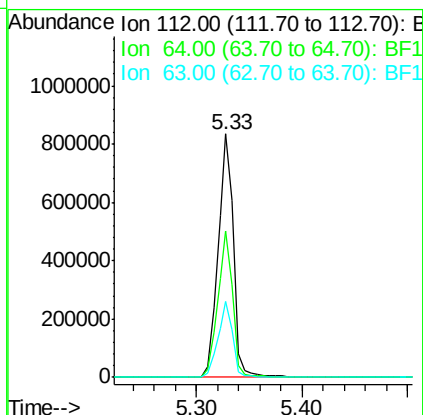
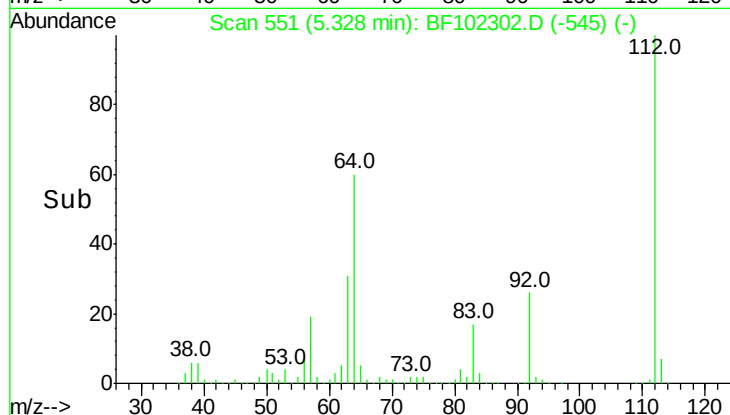




#5
 2-Fluorophenol
 Concen: 95.733 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

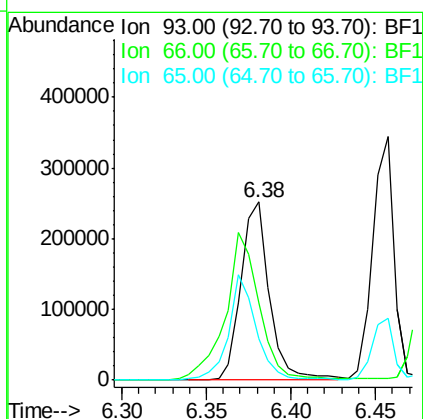
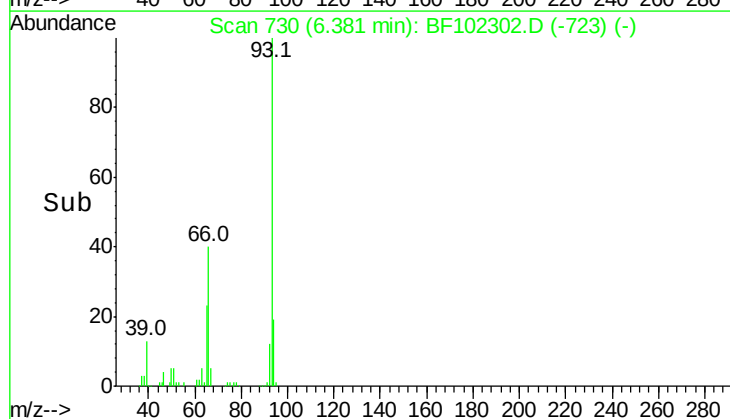
Instrument :
 BNA_F
 ClientSampleId :

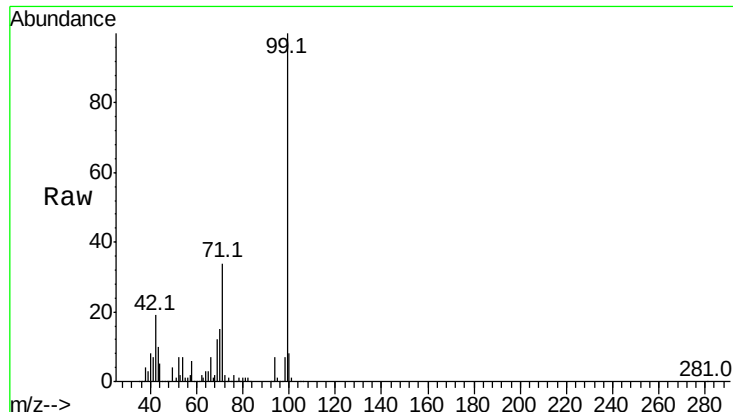
Tot Ion:	112	Resp:	861016
Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	31.0	23.7	35.5



#6
 Aniline
 Concen: 20.753 ng
 RT: 6.38 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	93	Resp:	297635
Ion	Ratio	Lower	Upper
93	100		
66	43.1	32.2	48.2
65	23.3	16.4	24.6





#7

Phenol-d6

Concen: 95.421 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampleId :

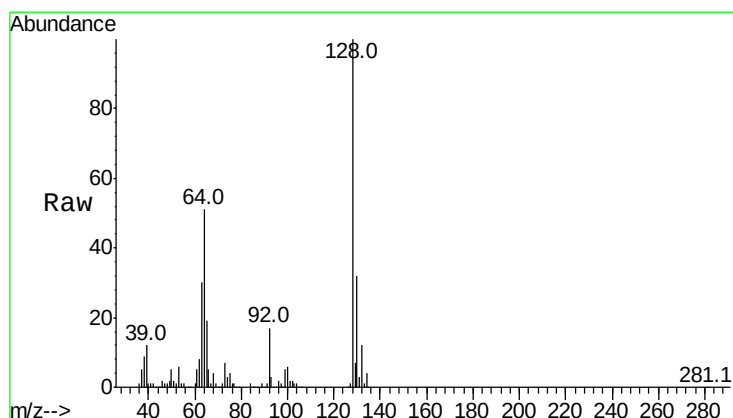
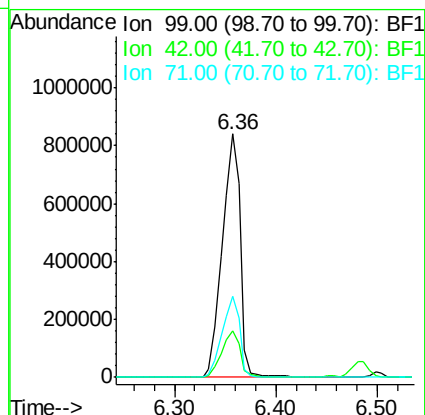
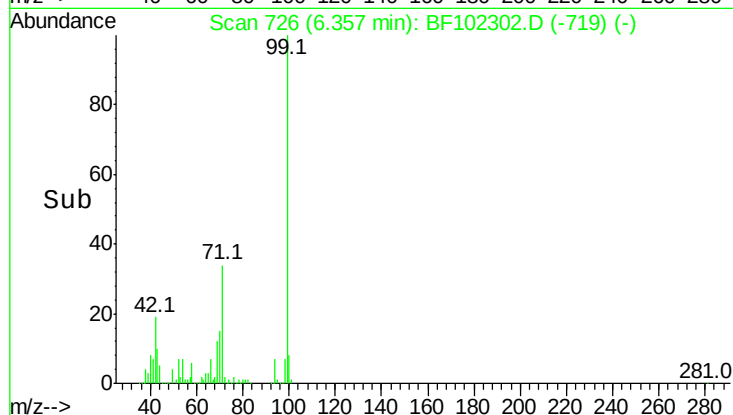
Tot Ion: 99 Resp: 1034653

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 33.5 25.4 38.0



#8

2-Chlorophenol

Concen: 35.219 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

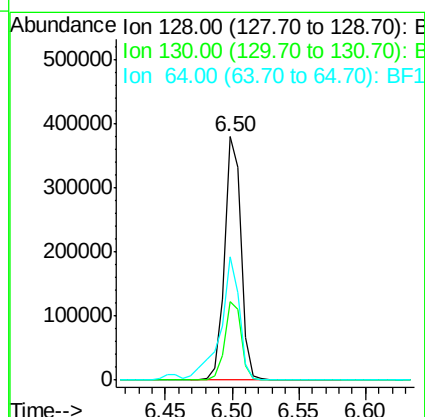
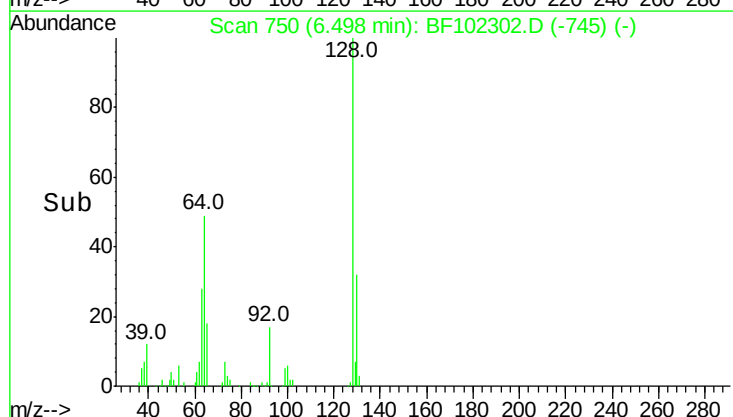
Tgt Ion:128 Resp: 332044

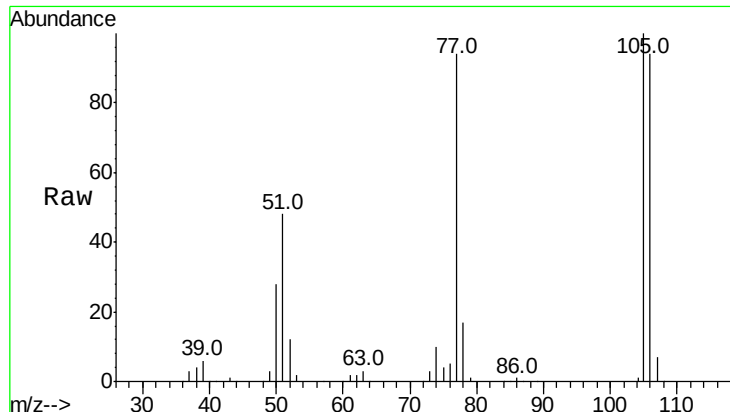
Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

64 50.6 29.4 69.4





#9

Benzaldehyde

Concen: 27.656 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampleId :

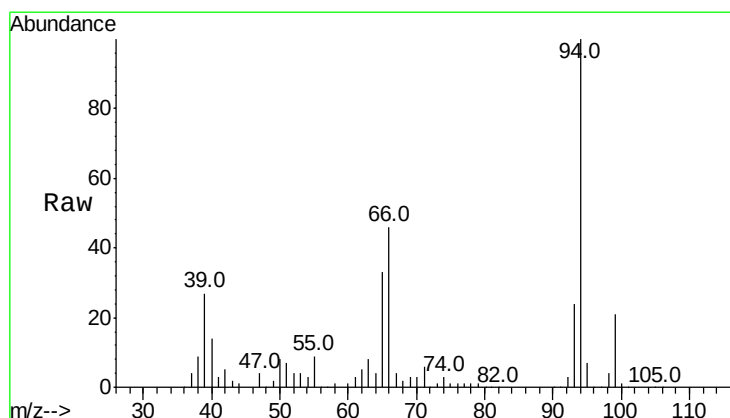
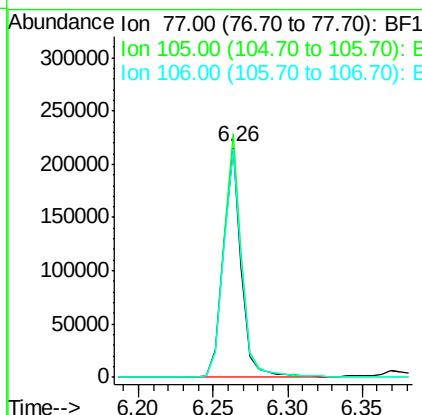
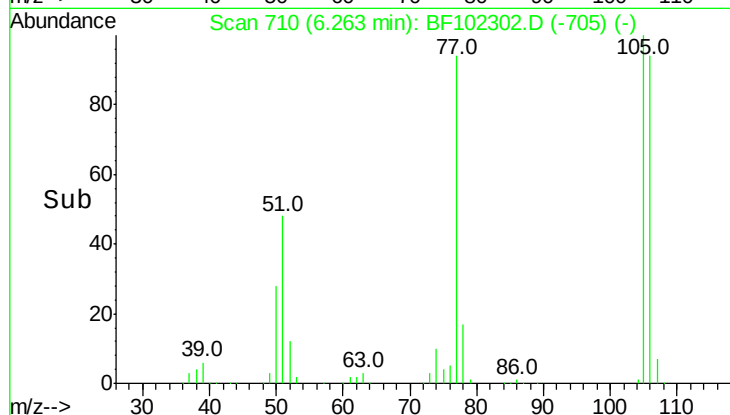
Tot Ion: 77 Resp: 184046

Ion Ratio Lower Upper

77 100

105 105.9 81.1 121.1

106 99.2 74.5 114.5



#10

Phenol

Concen: 32.939 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

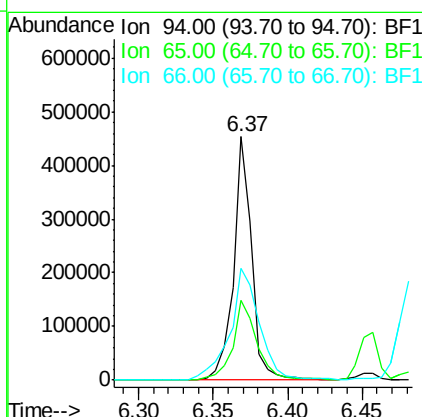
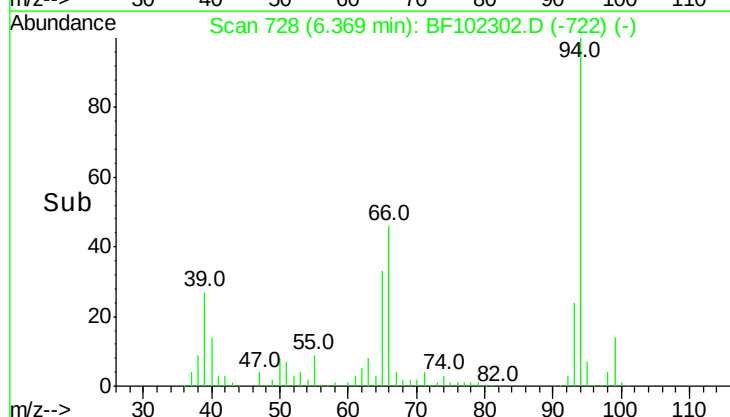
Tgt Ion: 94 Resp: 389922

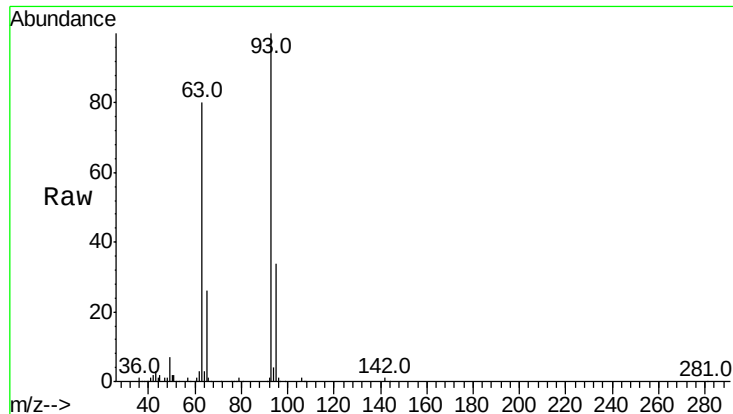
Ion Ratio Lower Upper

94 100

65 32.9 7.9 47.9

66 46.1 16.2 56.2

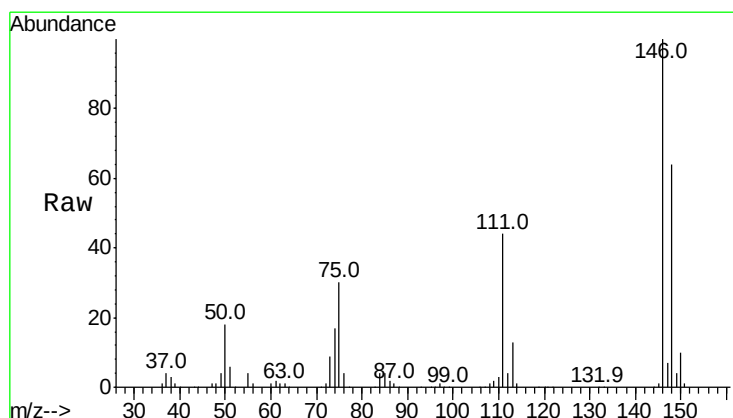
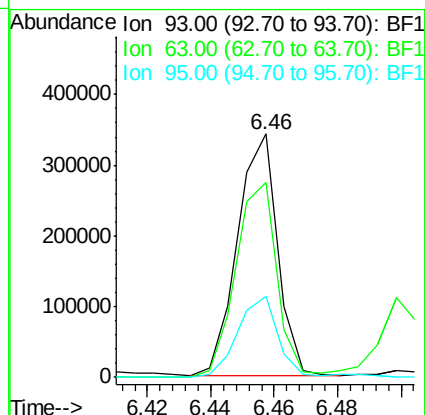
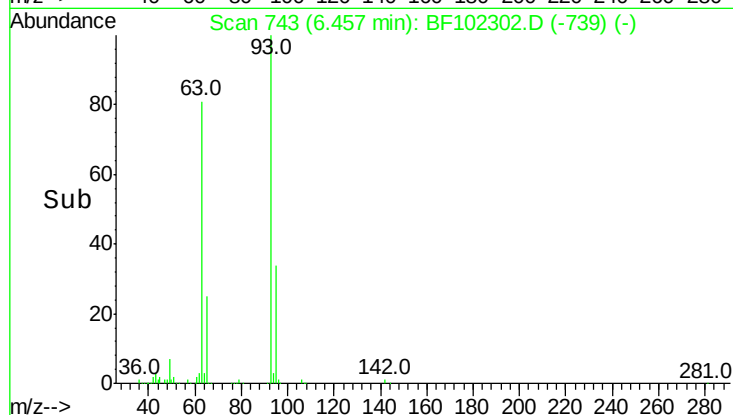




#11
 bis(2-Chloroethyl)ether
 Concen: 33.112 ng
 RT: 6.46 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

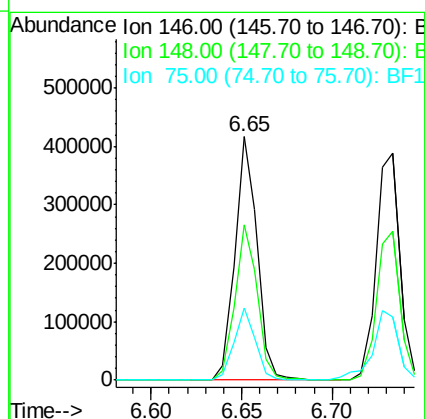
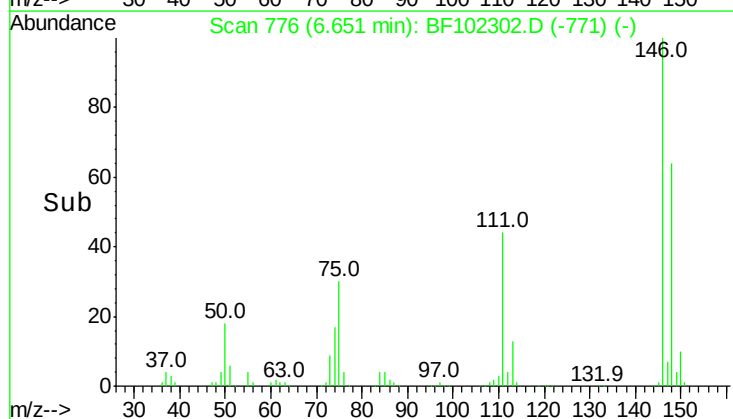
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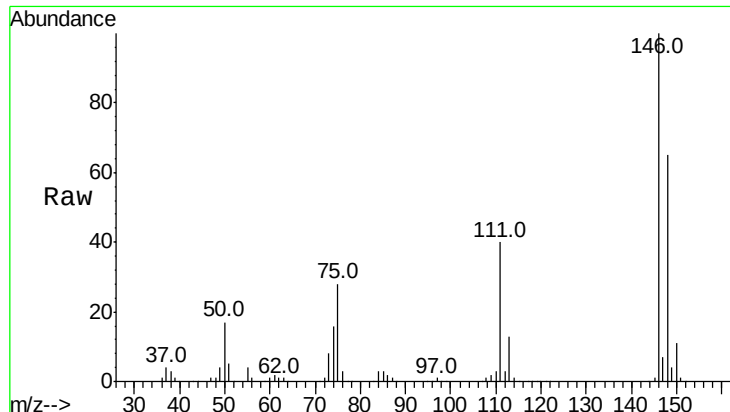
Tot Ion: 93 Resp: 298122
 Ion Ratio Lower Upper
 93 100
 63 80.3 58.6 98.6
 95 33.5 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 31.715 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:146 Resp: 355610
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.8
 75 29.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 32.042 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Tot Ion:146 Resp: 359902

Ion Ratio Lower Upper

146 100

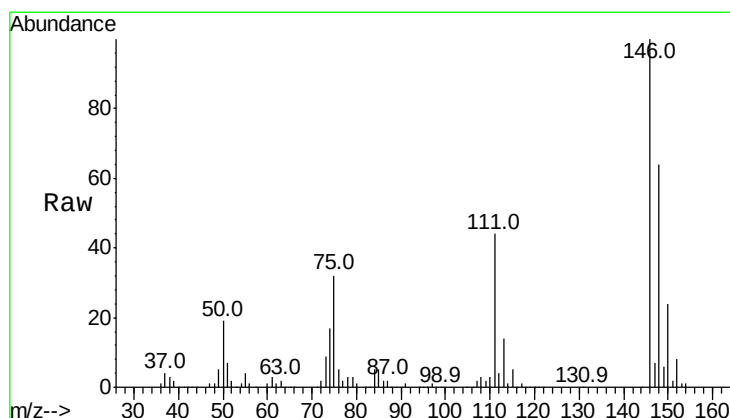
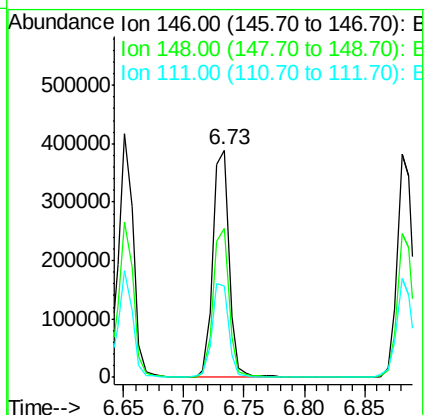
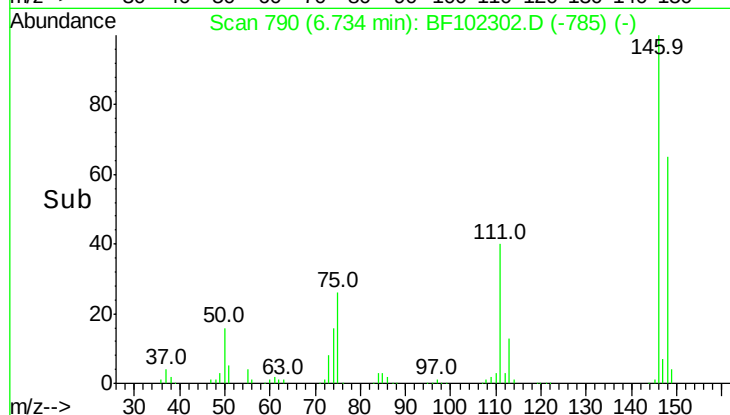
148 65.4 50.8 76.2

111 40.3 34.2 51.2

Instrument :

BNA_F

ClientSampleId :



#14

1,2-Dichlorobenzene

Concen: 32.745 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

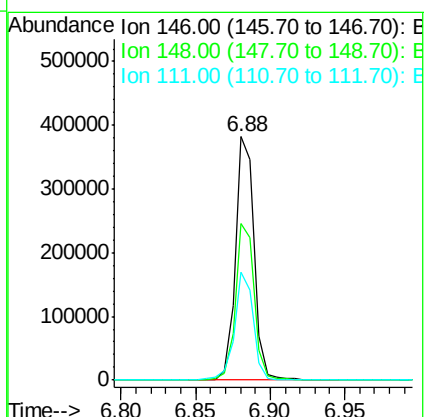
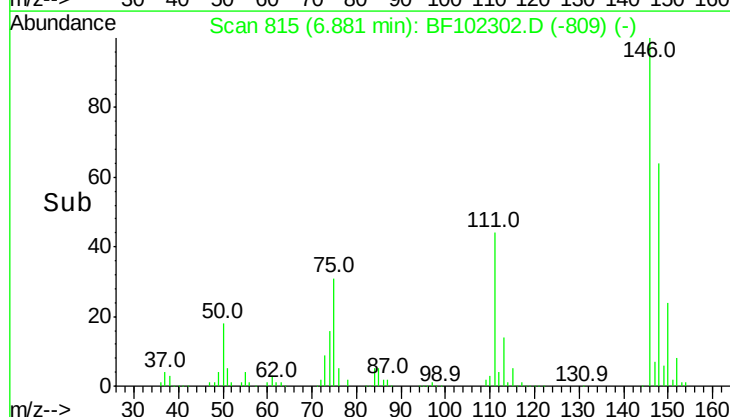
Tgt Ion:146 Resp: 336421

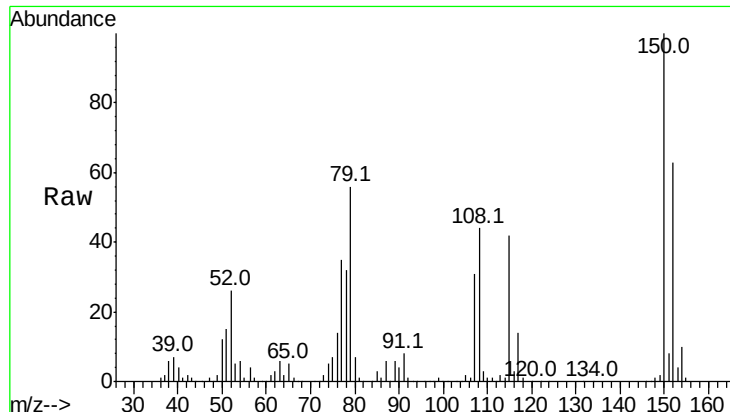
Ion Ratio Lower Upper

146 100

148 64.4 50.6 75.8

111 44.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.267 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampleId :

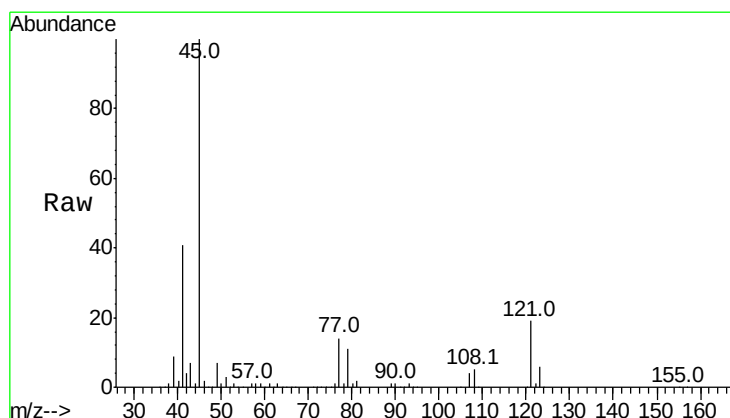
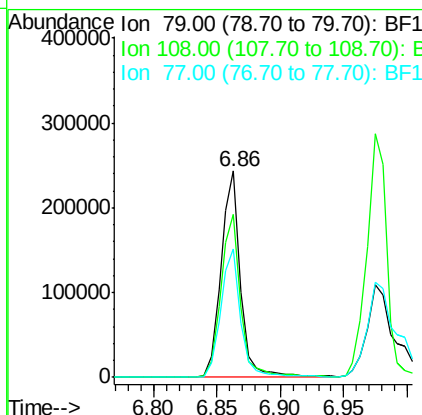
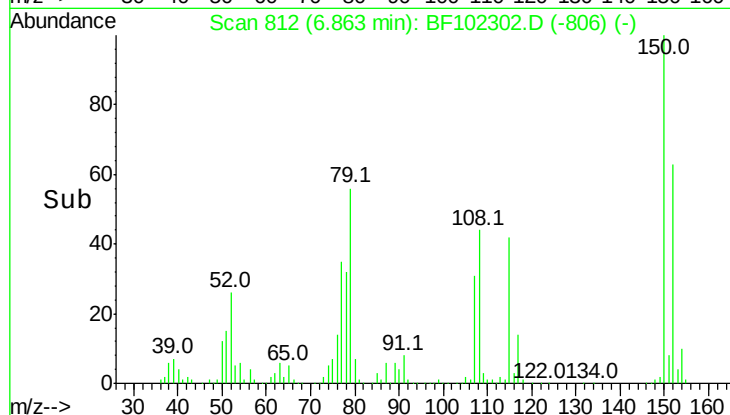
Tot Ion: 79 Resp: 262162

Ion Ratio Lower Upper

79 100

108 79.0 65.1 97.7

77 62.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.355 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

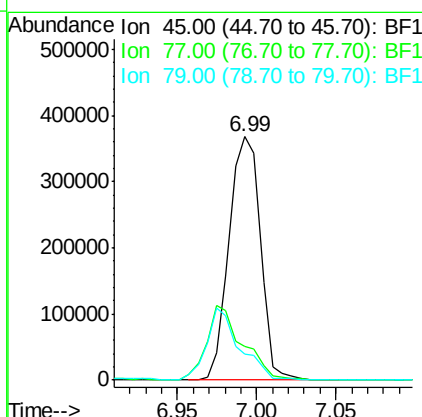
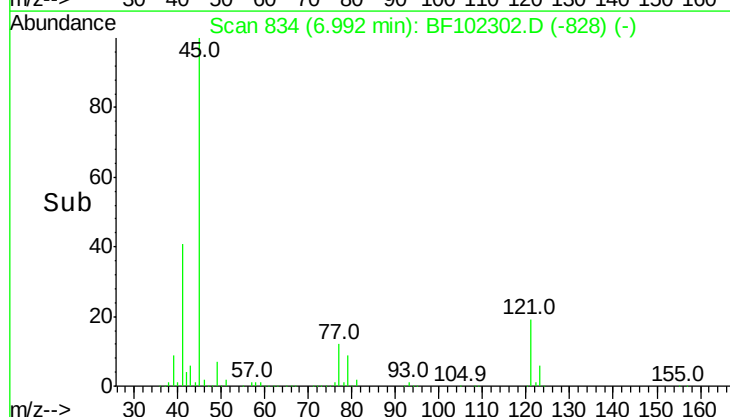
Tgt Ion: 45 Resp: 503674

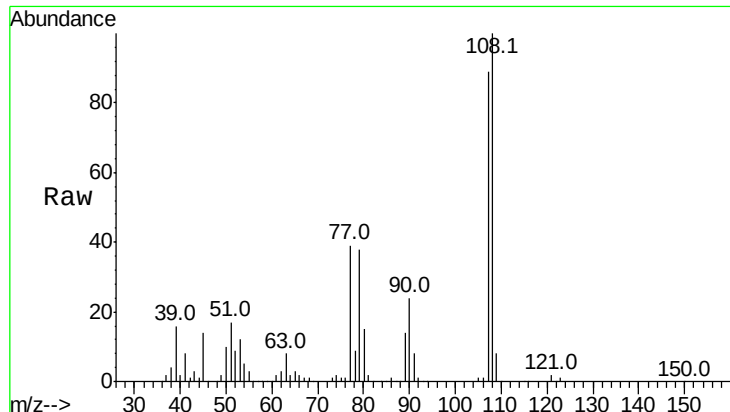
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.9

79 10.7 0.0 29.6

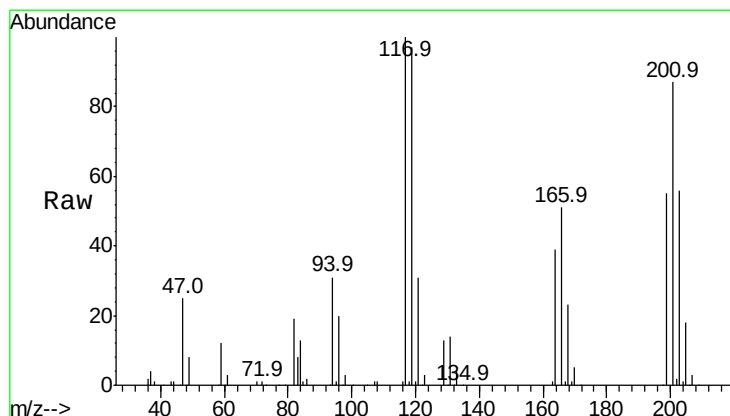
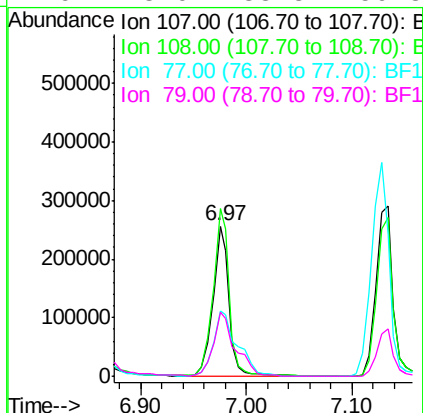
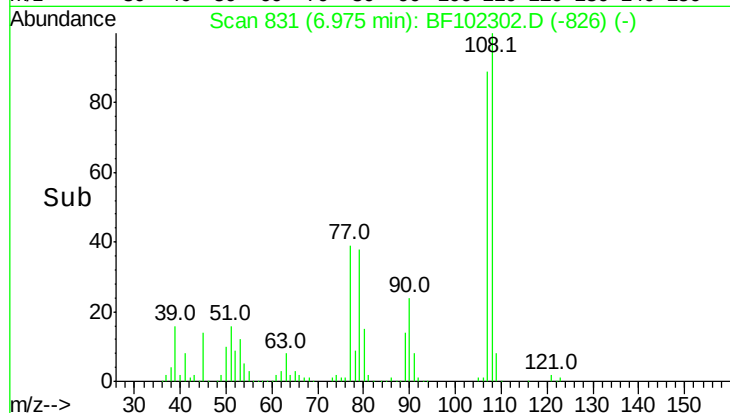




#17
2-Methylphenol
Concen: 33.702 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

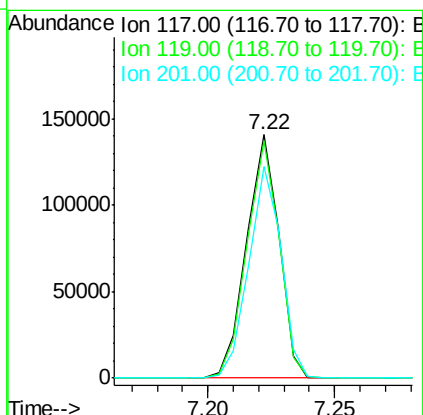
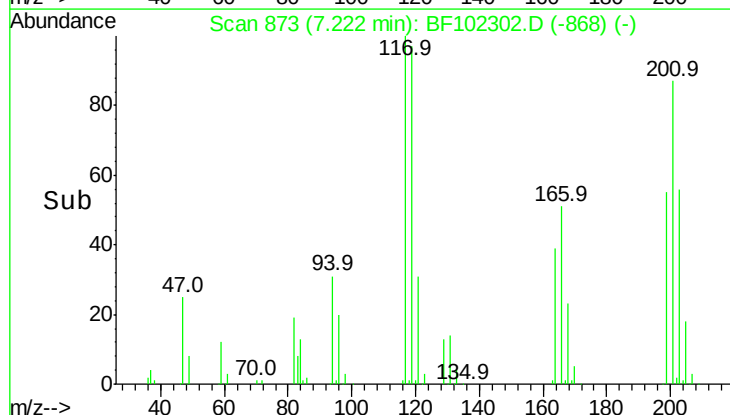
Instrument :
BNA_F
ClientSampleId :

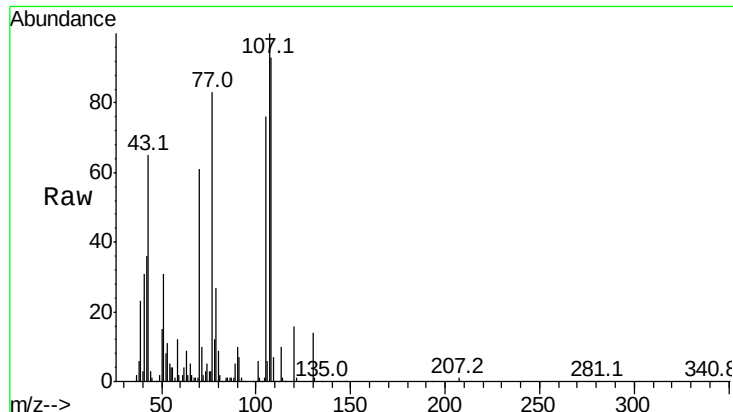
Tot Ion:	107	Resp:	275954
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	44.0	33.8	50.8
79	43.0	33.8	50.8



#18
Hexachloroethane
Concen: 32.236 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion:	117	Resp:	126171
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.8
201	87.0	75.7	113.5

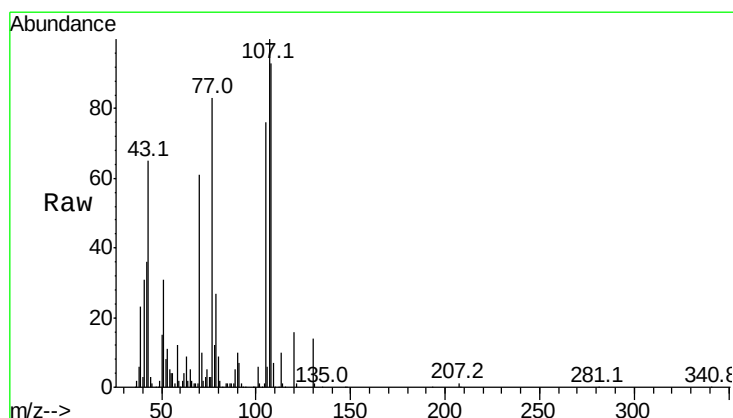
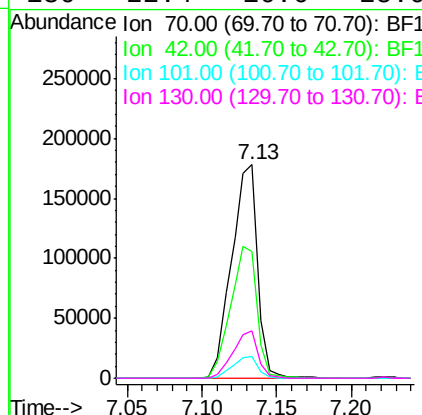
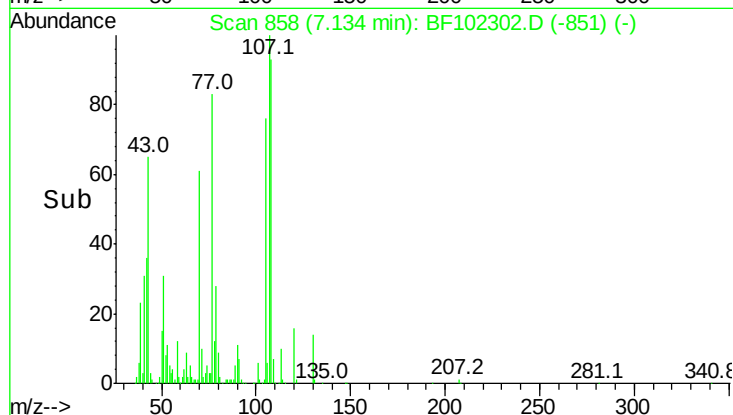




#19
n-Nitroso-di-n-propylamine
Concen: 32.915 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

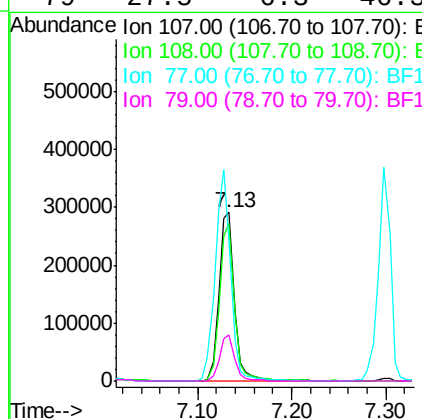
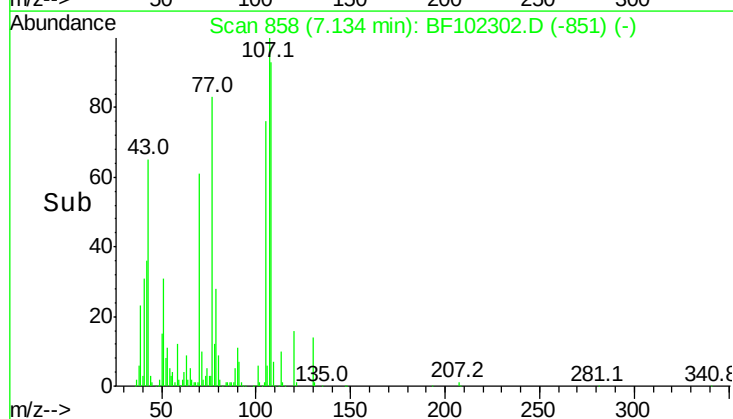
Instrument :
BNA_F
ClientSampleId :

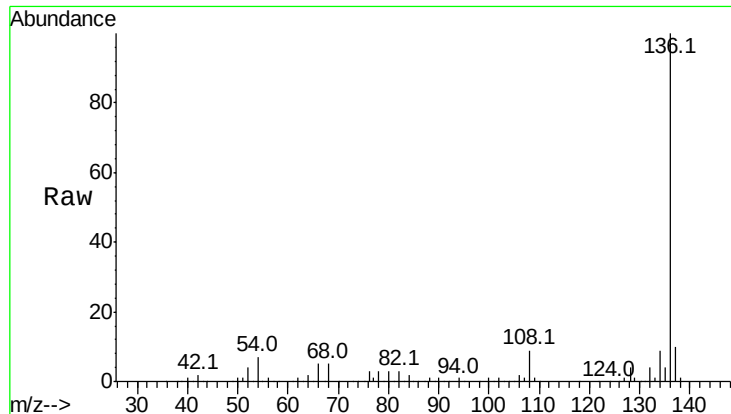
Tot Ion: 70 Resp: 218410
Ion Ratio Lower Upper
70 100
42 59.5 47.5 71.3
101 10.4 7.4 11.2
130 22.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 34.684 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion:107 Resp: 334009
Ion Ratio Lower Upper
107 100
108 93.2 68.2 108.2
77 83.5 26.7 66.7#
79 27.5 6.3 46.3

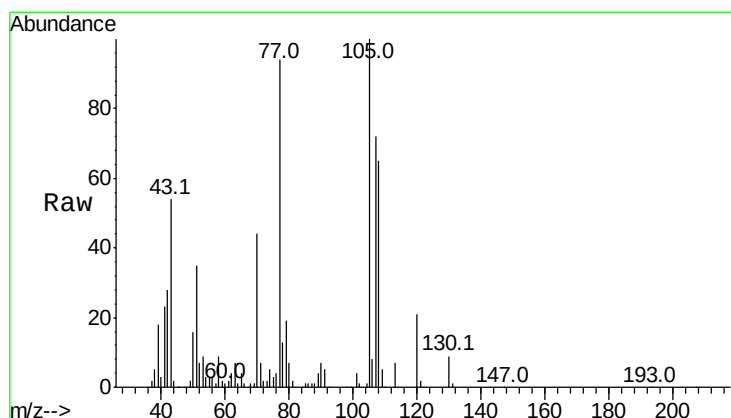
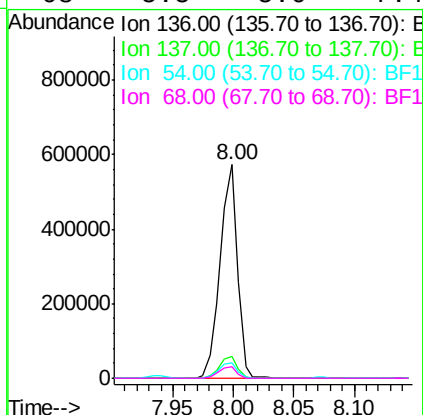
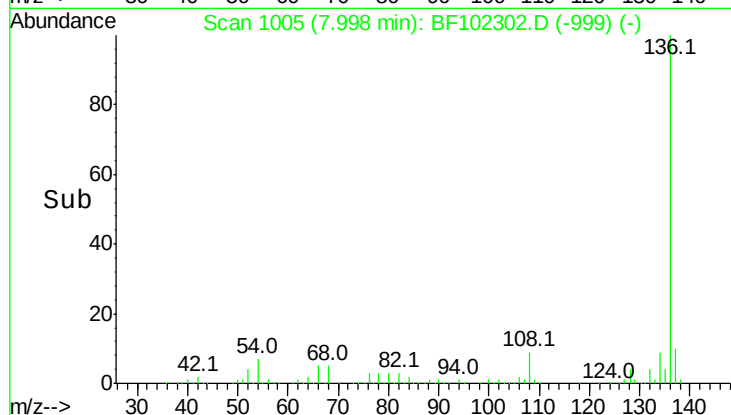




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

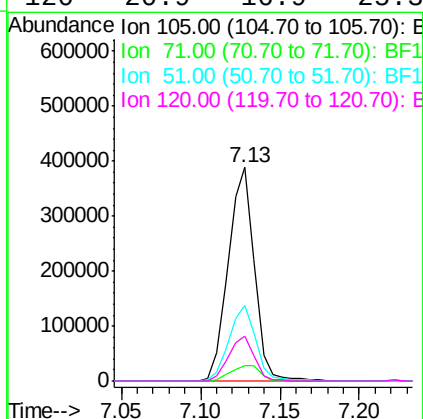
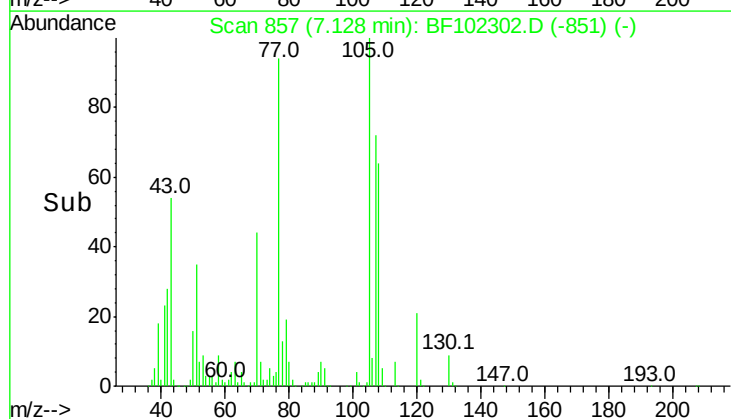
Instrument :
BNA_F
ClientSampleId :

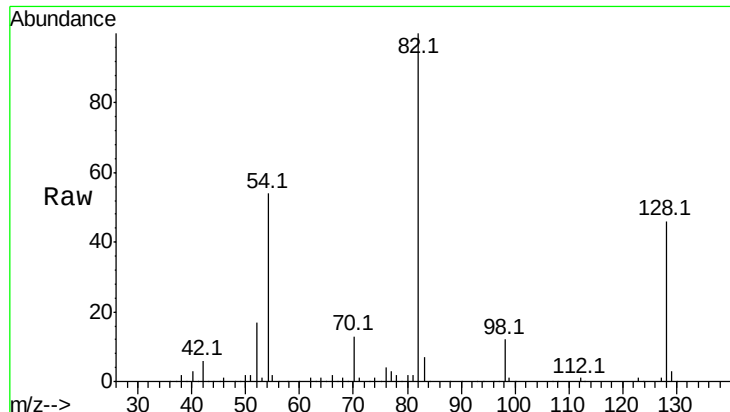
Tot Ion:	136	Resp:	565763
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.4	6.6	9.8
68	5.5	5.0	7.4



#22
Acetophenone
Concen: 32.877 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion:	105	Resp:	443413
Ion	Ratio	Lower	Upper
105	100		
71	7.1	4.4	6.6#
51	35.2	22.3	33.5#
120	20.9	16.9	25.3

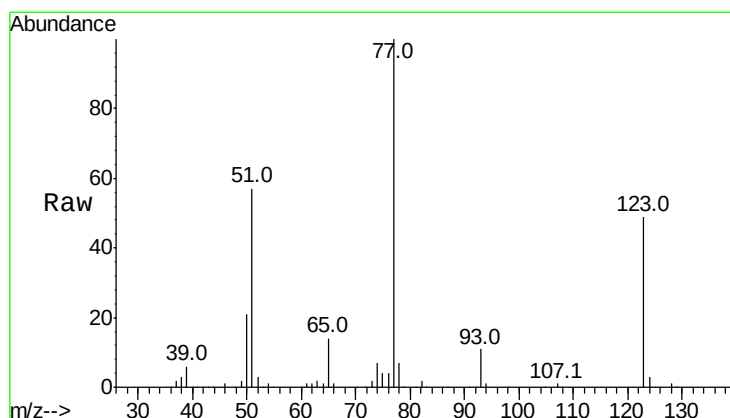
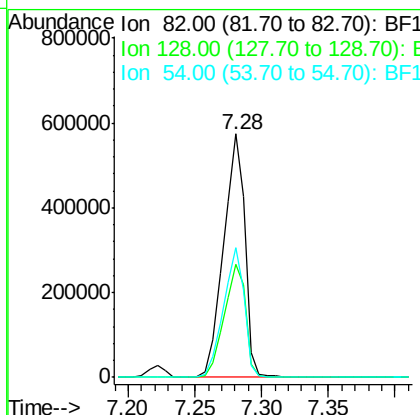
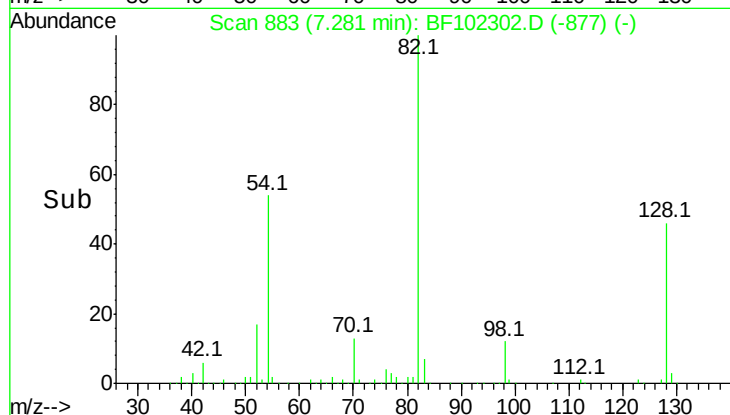




#23
 Nitrobenzene-d5
 Concen: 66.189 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

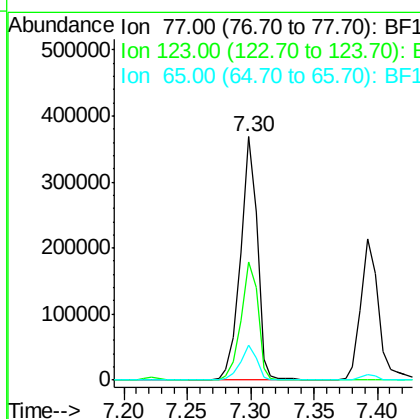
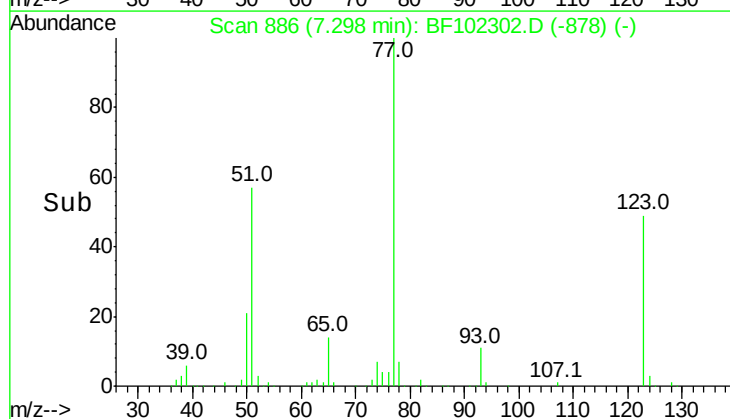
Instrument :
 BNA_F
 ClientSampleId :

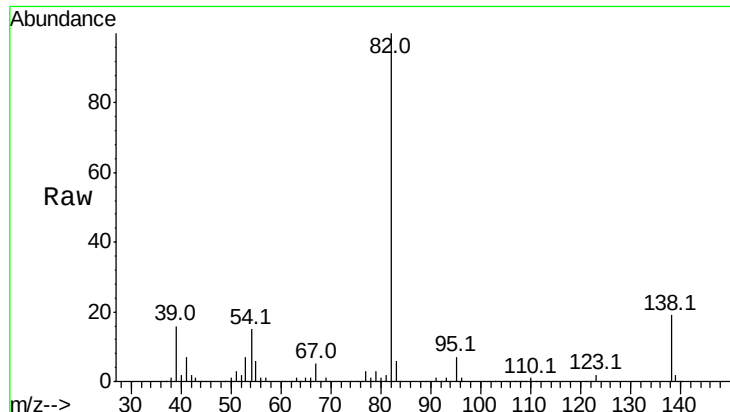
Tot Ion:	82	Resp:	651631
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	53.5	41.4	62.2



#24
 Nitrobenzene
 Concen: 33.368 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	77	Resp:	336189
Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.9	56.9
65	14.2	11.0	16.4

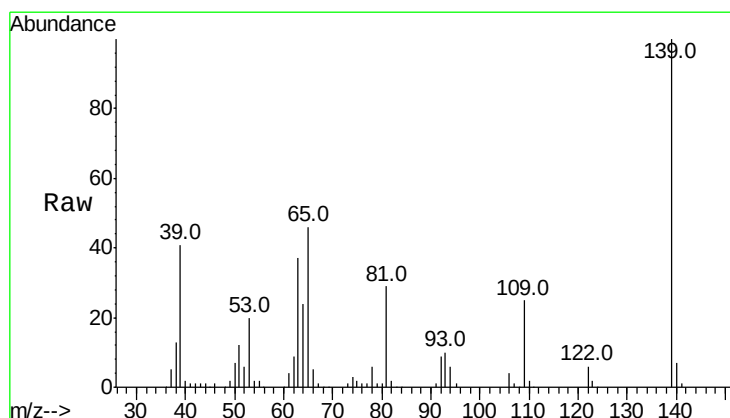
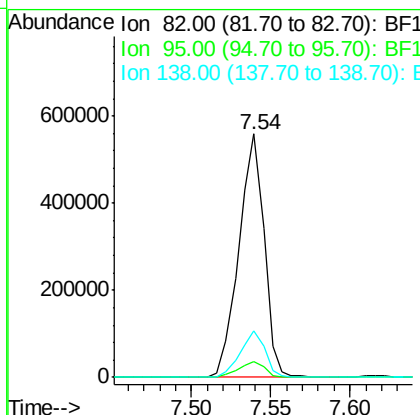
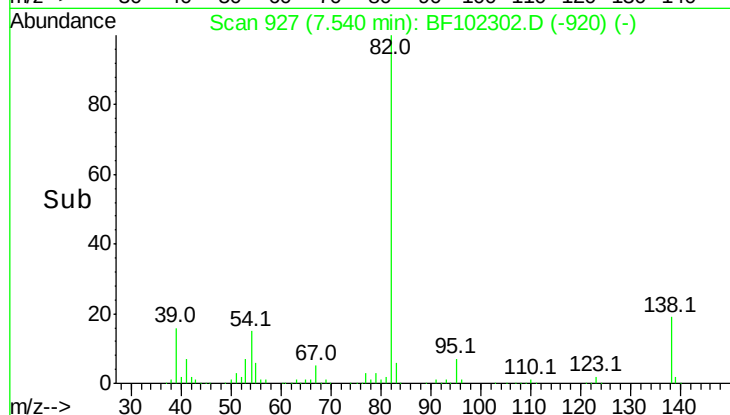




#25
Isophorone
Concen: 35.273 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

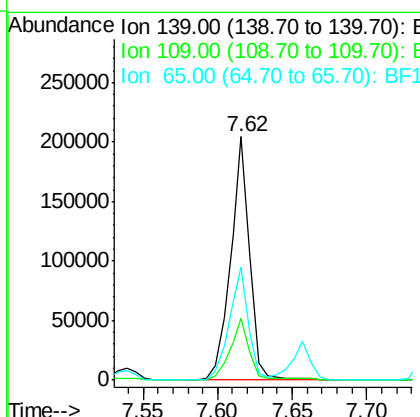
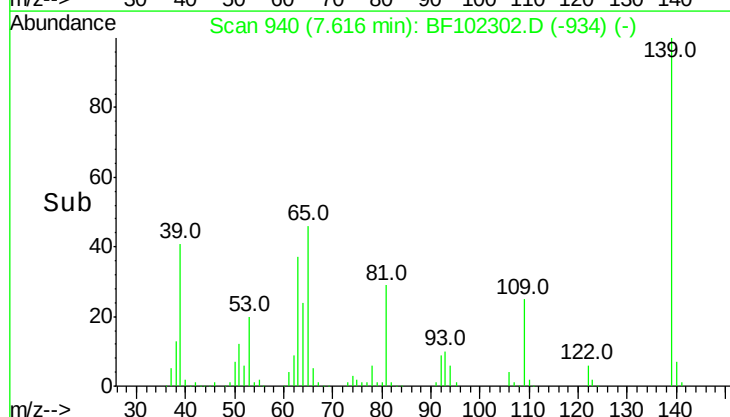
Instrument :
BNA_F
ClientSampleId :

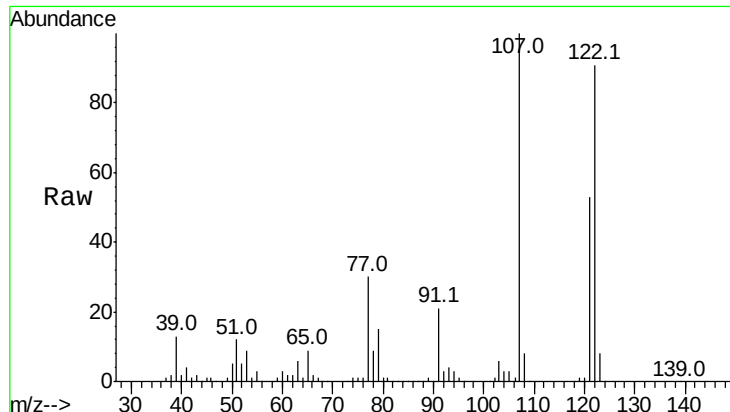
Tot Ion: 82 Resp: 619088
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 19.1 14.9 22.3



#26
2-Nitrophenol
Concen: 34.800 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion:139 Resp: 184533
Ion Ratio Lower Upper
139 100
109 25.2 22.7 34.1
65 46.4 40.5 60.7

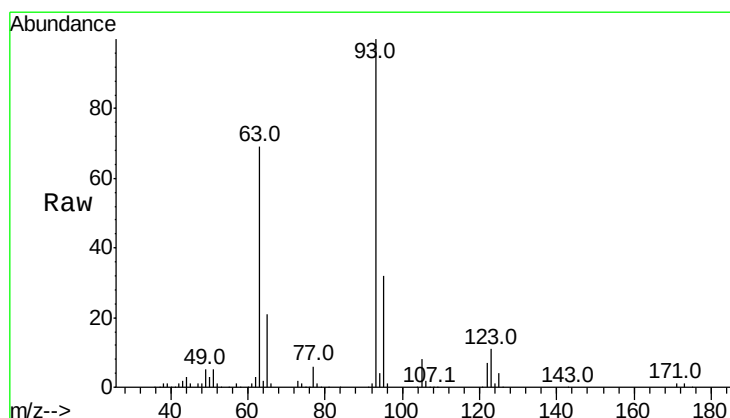
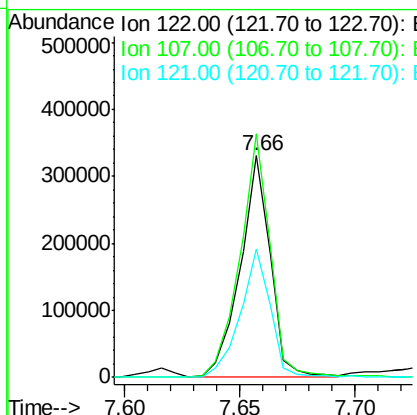
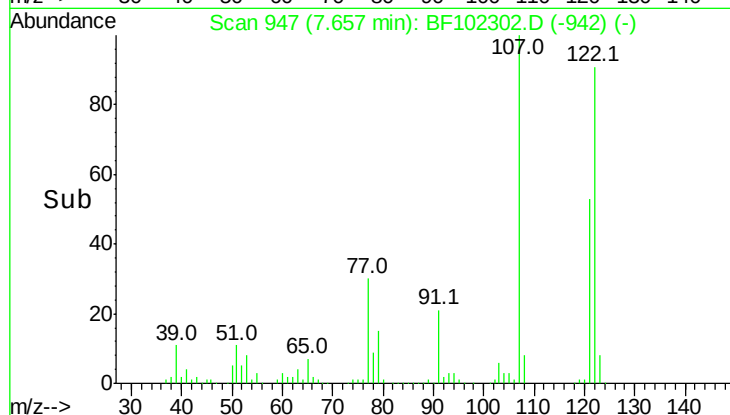




#27
 2,4-Dimethylphenol
 Concen: 39.137 ng
 RT: 7.66 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

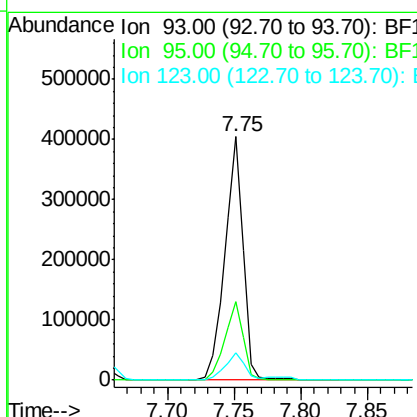
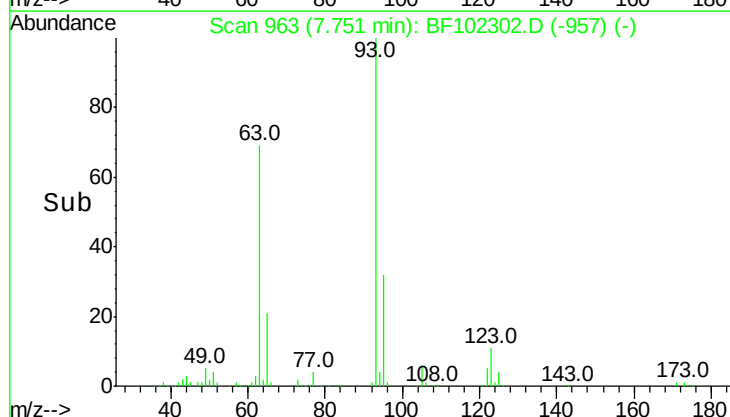
Instrument :
 BNA_F
 ClientSampled :

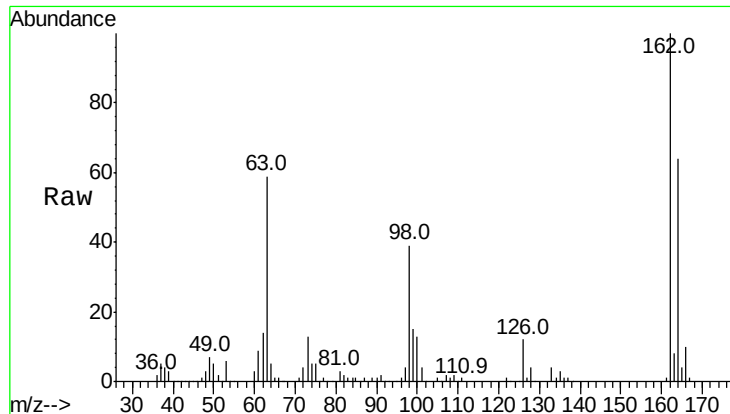
Tot Ion:	122	Resp:	301343
Ion	Ratio	Lower	Upper
122	100		
107	109.8	91.2	136.8
121	57.8	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.181 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	93	Resp:	392278
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.3	39.5
123	11.1	9.8	14.6

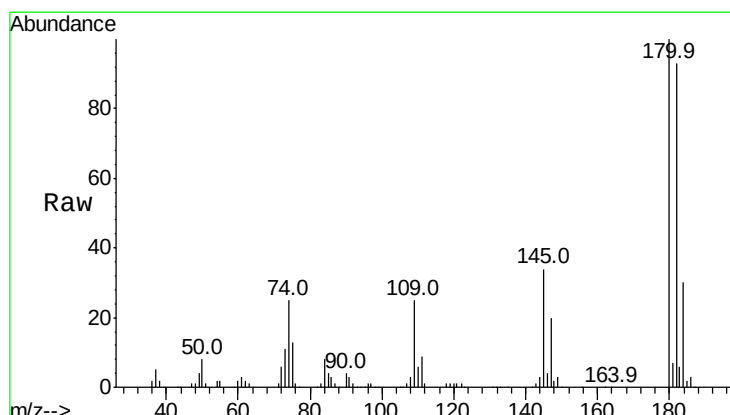
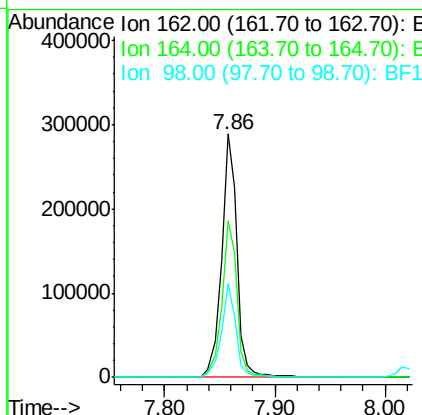
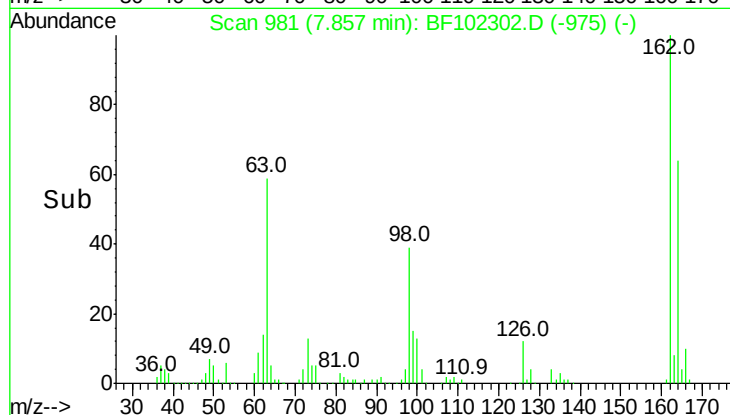




#29
 2,4-Dichlorophenol
 Concen: 35.776 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

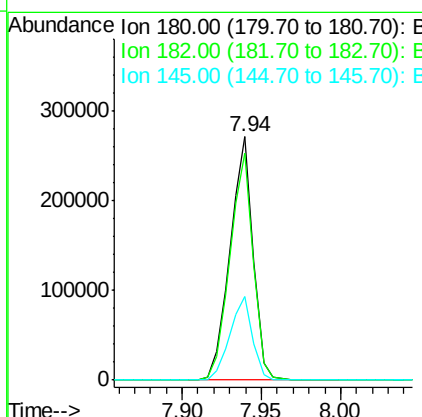
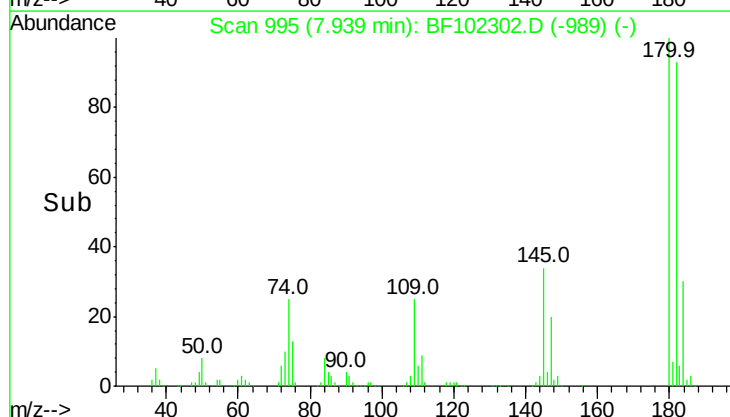
Instrument :
 BNA_F
 ClientSampleId :

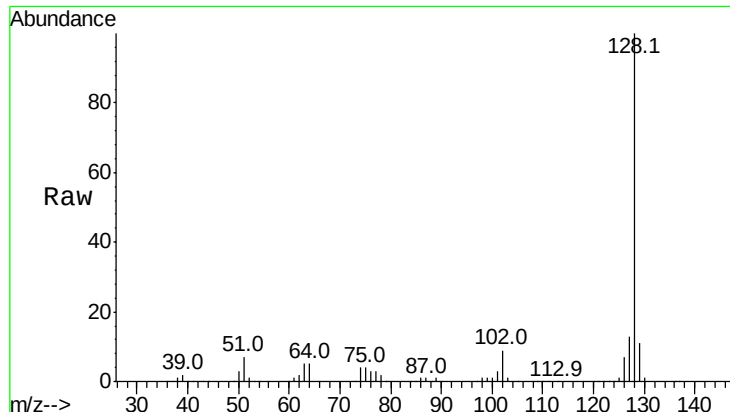
Tot Ion:162	Resp:	280599
Ion	Ratio	Lower Upper
162	100	
164	64.4	42.7 82.7
98	38.5	18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.310 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:180	Resp:	271644
Ion	Ratio	Lower Upper
180	100	
182	93.4	76.8 115.2
145	34.5	26.5 39.7

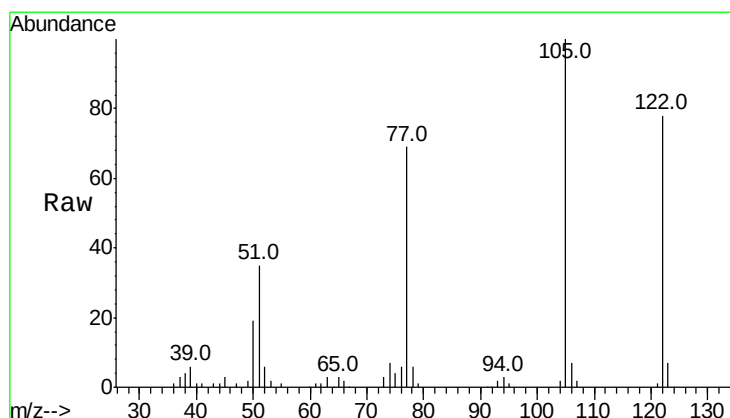
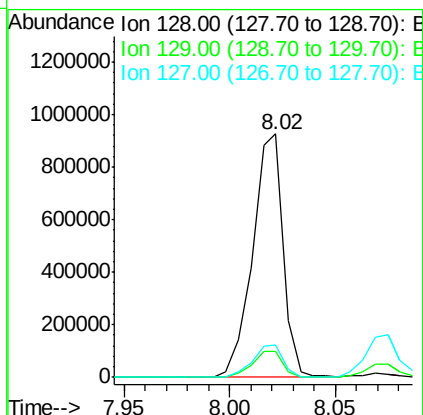
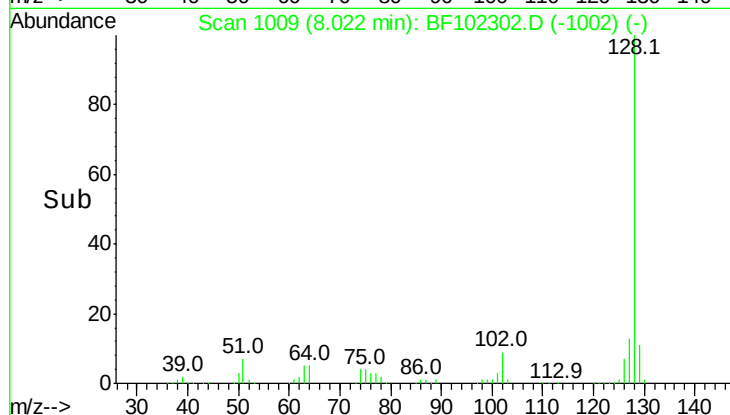




#31
Naphthalene
Concen: 33.081 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

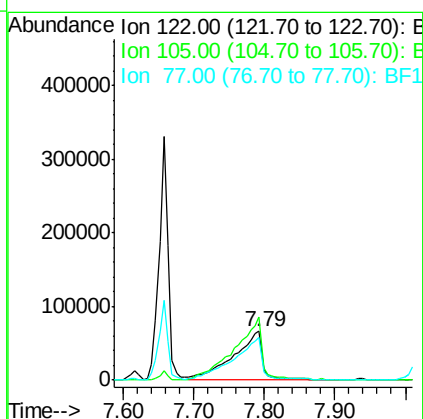
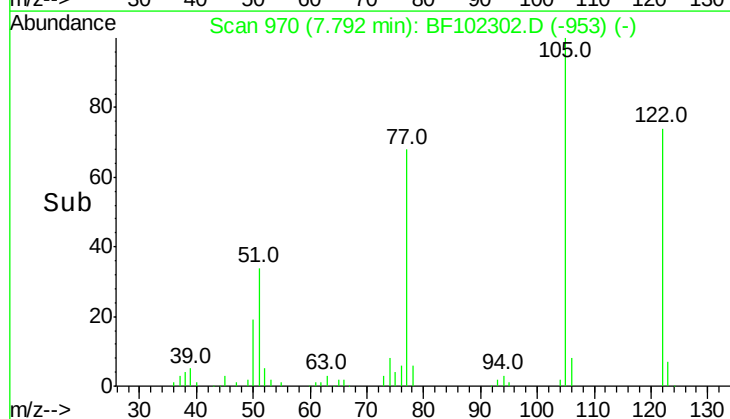
Instrument :
BNA_F
ClientSampleId :

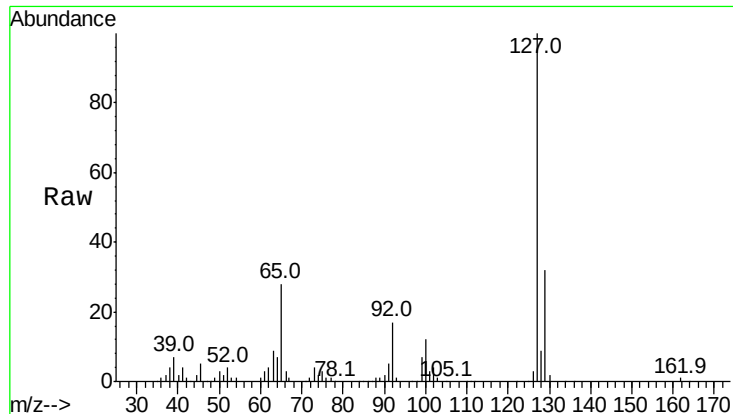
Tot Ion:128 Resp: 934473
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 29.380 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion:122 Resp: 189527
Ion Ratio Lower Upper
122 100
105 128.4 101.1 141.1
77 88.8 70.7 110.7

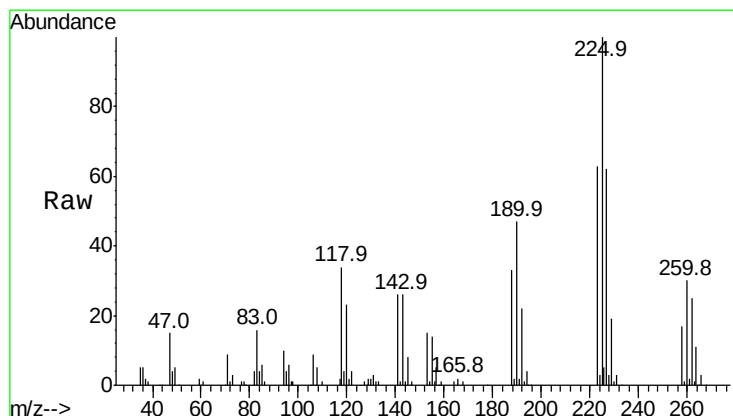
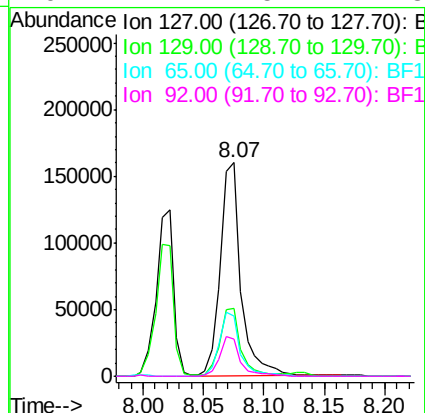
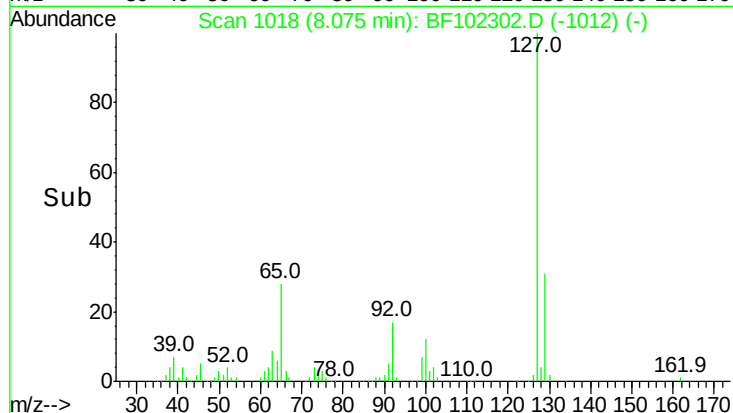




#33
4-Chloroaniline
Concen: 15.921 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

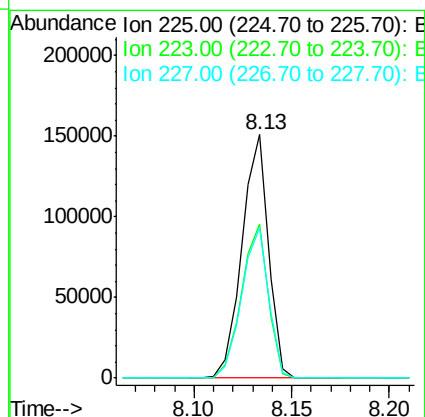
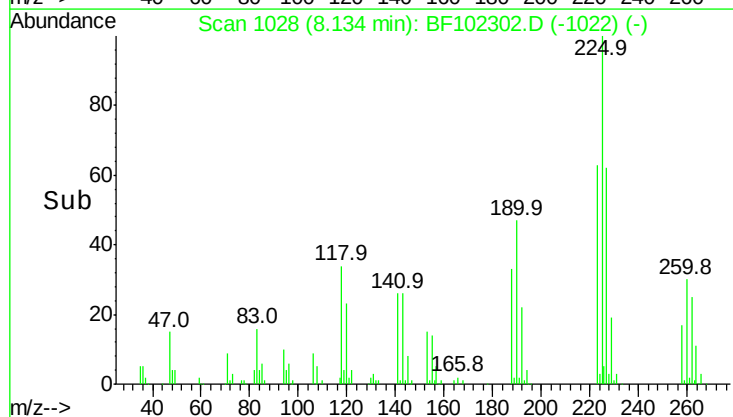
Instrument :
BNA_F
ClientSampleId :

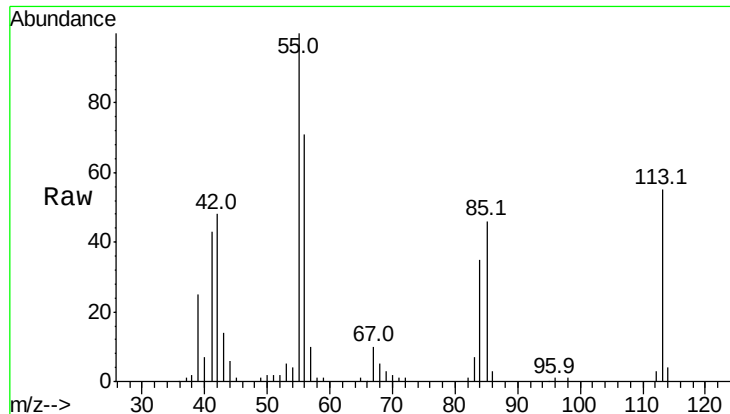
Tot Ion:127	Resp:	189116
Ion Ratio	Lower	Upper
127 100		
129 31.7	25.9	38.9
65 28.1	25.0	37.4
92 17.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 31.633 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	225	Resp: Lower	142044 Upper
	Ratio		
225	100		
223	63.3	50.6	76.0
227	61.9	51.9	77.9

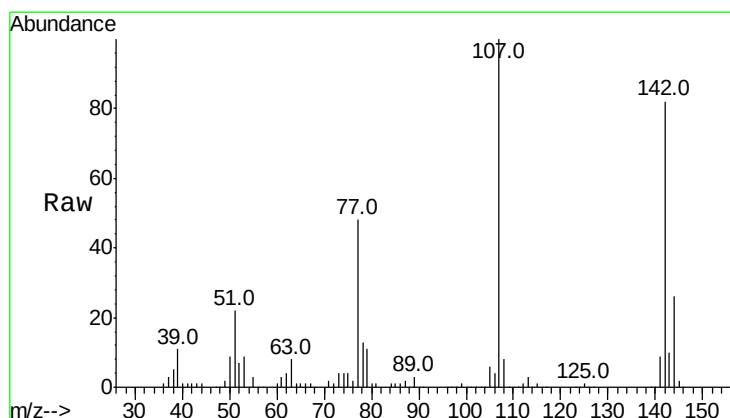
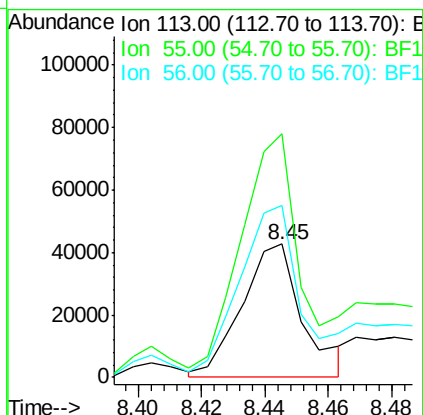
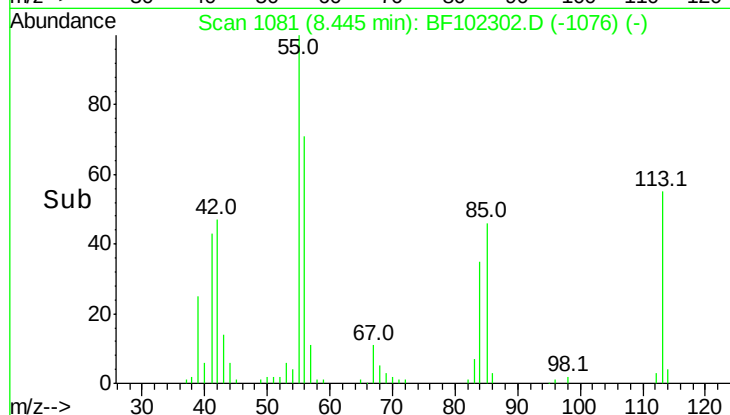




#35
 Caprolactam
 Concen: 21.819 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

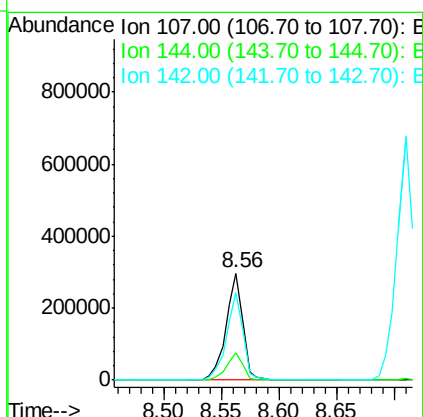
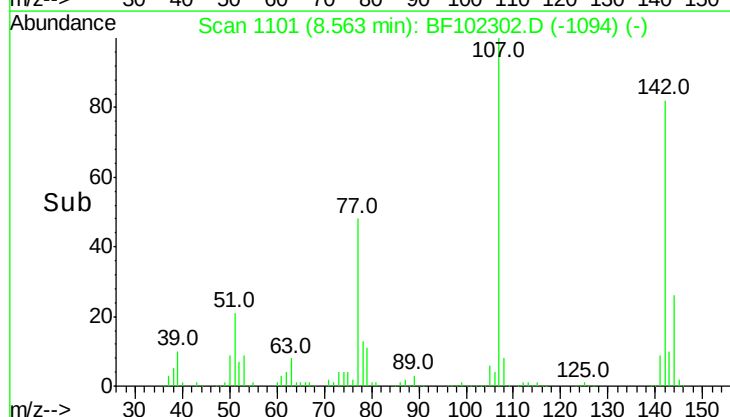
Instrument :
 BNA_F
 ClientSampleId :

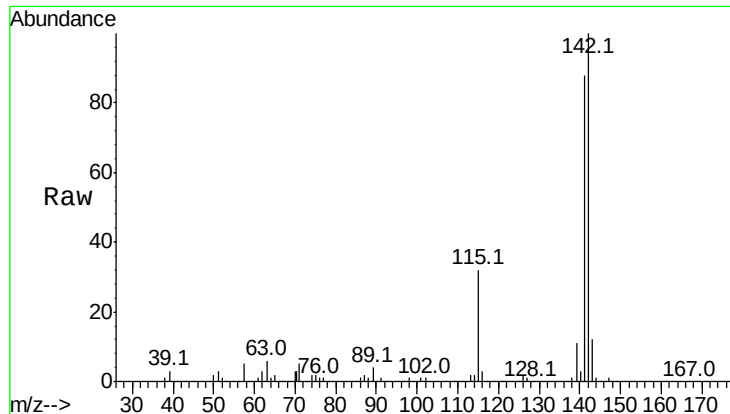
Tot Ion:113 Resp: 56517
 Ion Ratio Lower Upper
 113 100
 55 182.6 163.3 203.3
 56 129.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.049 ng
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:107 Resp: 298026
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 81.9 62.0 93.0

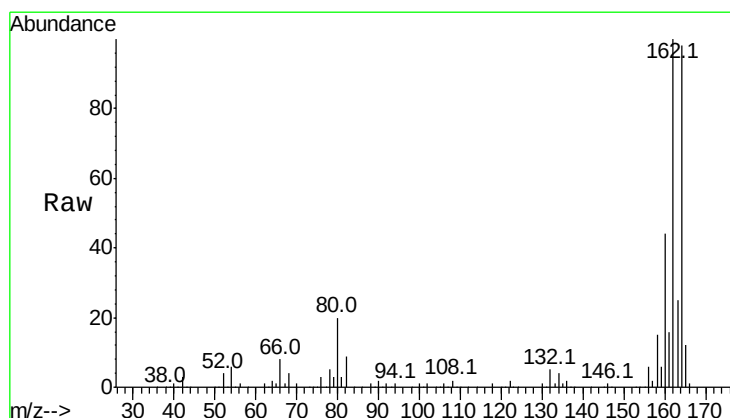
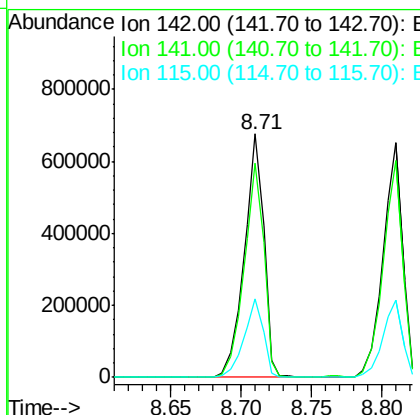
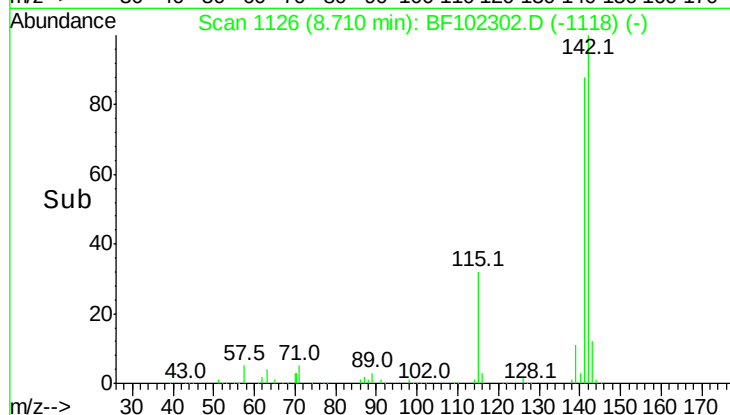




#37
 2-Methylnaphthalene
 Concen: 34.701 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

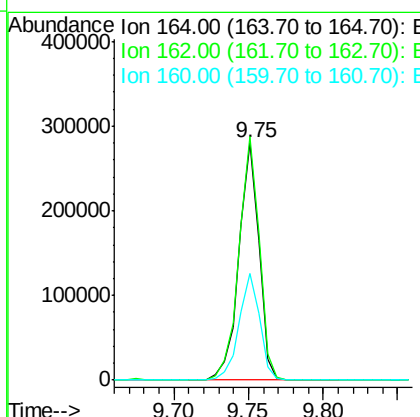
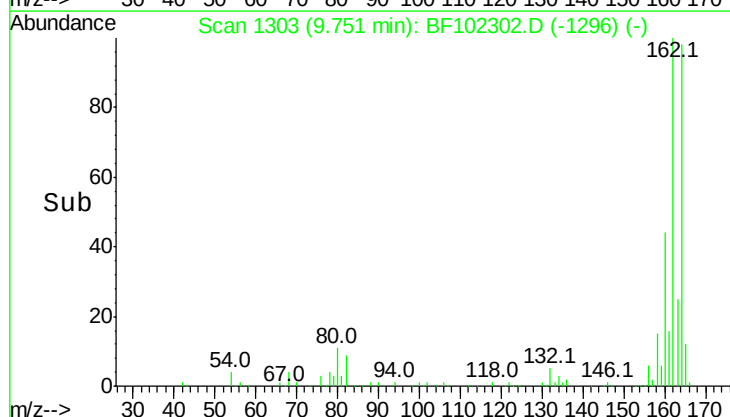
Instrument :
 BNA_F
 ClientSampled :

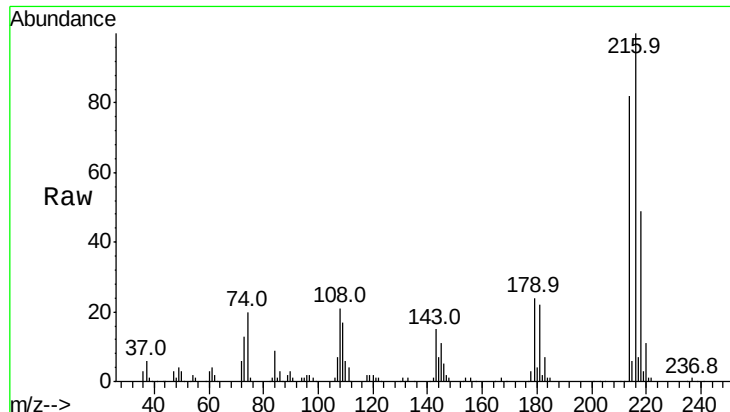
Tot Ion:142 Resp: 652807
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.8 106.2
 115 32.3 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:164 Resp: 264052
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 45.1 38.3 57.5

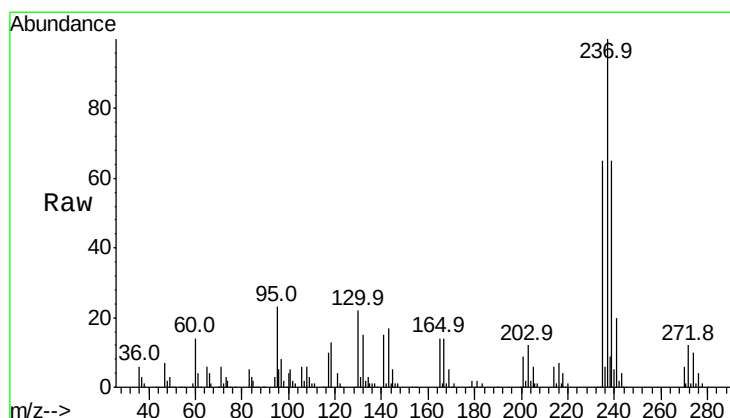
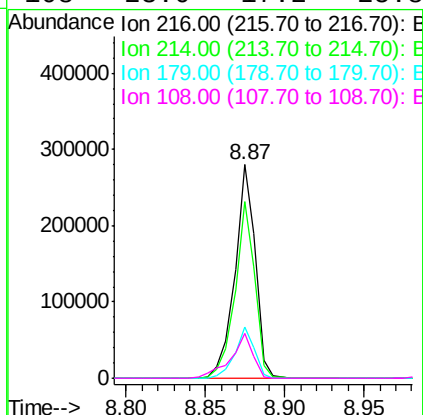
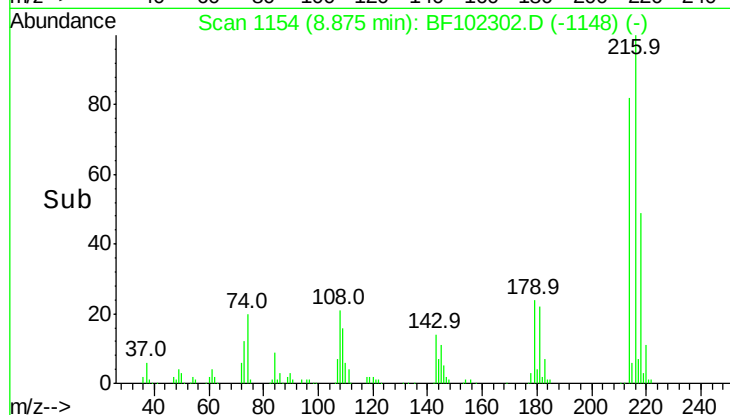




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.610 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

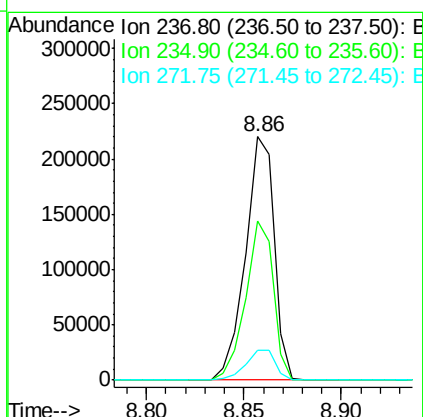
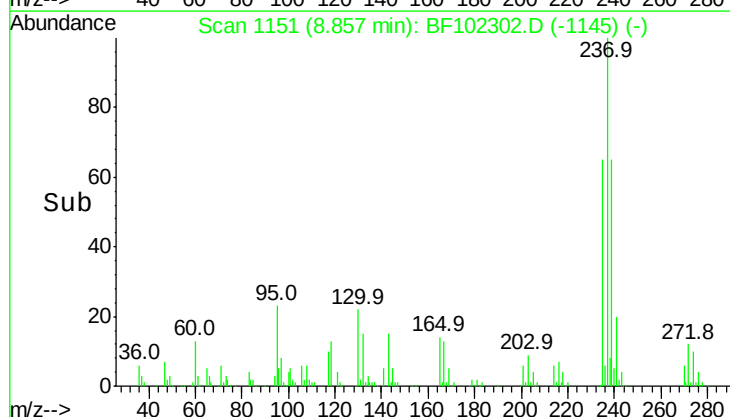
Instrument :
 BNA_F
 ClientSampleId :

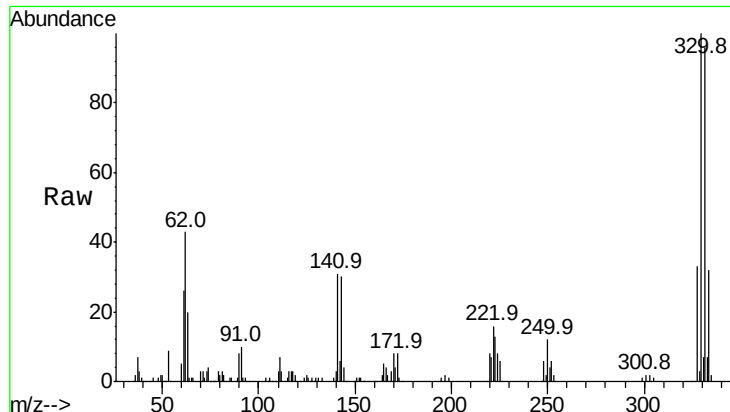
Tot Ion:	216	Resp:	251117
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.0	94.4
179	22.9	18.1	27.1
108	23.0	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 63.382 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	237	Resp:	225340
Ion	Ratio	Lower	Upper
237	100		
235	65.4	44.8	84.8
272	12.5	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 94.017 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampleId :

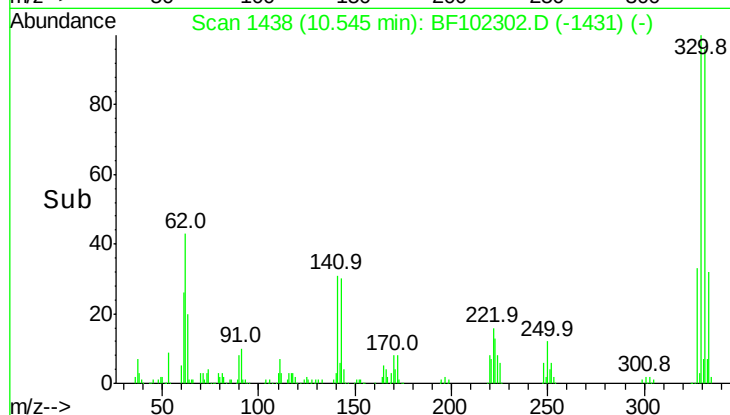
Tot Ion:330 Resp: 245985

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

141 36.8 29.9 44.9

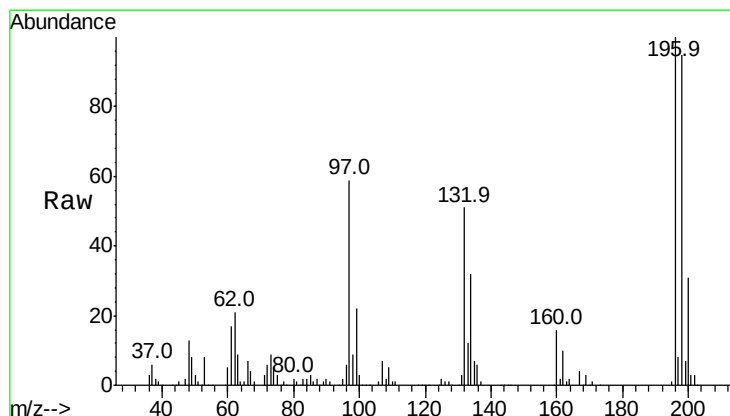
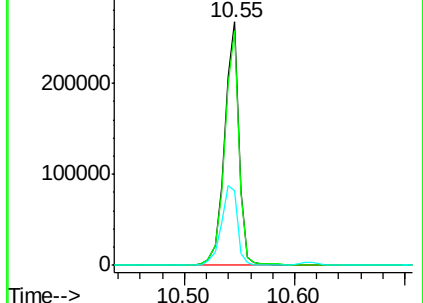


Scan 1438 (10.545 min): BF102302.D (-1431) (-)

Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 34.352 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

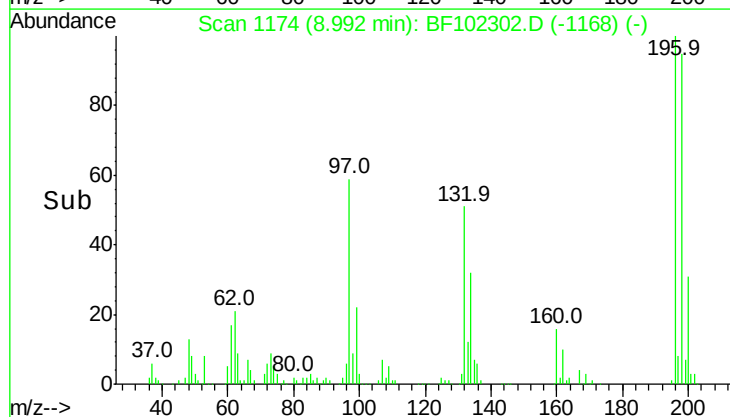
Tgt Ion:196 Resp: 182690

Ion Ratio Lower Upper

196 100

198 95.0 75.7 113.5

200 30.9 24.5 36.7

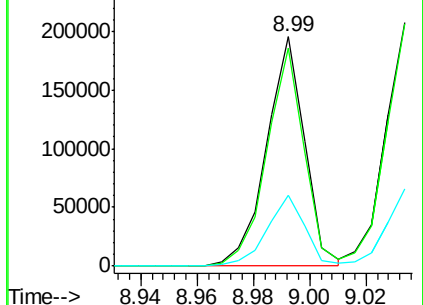


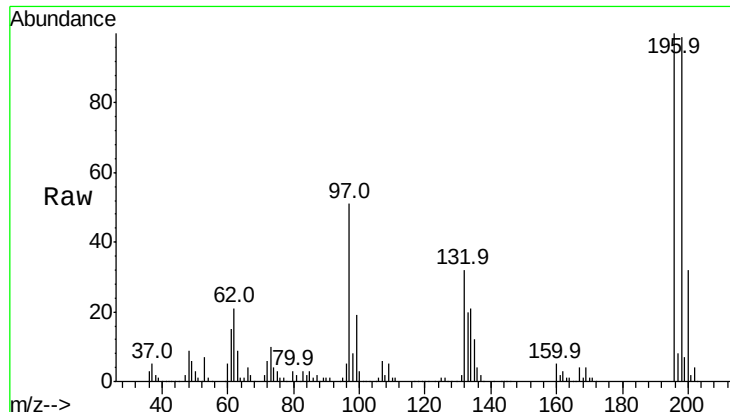
Scan 1174 (8.992 min): BF102302.D (-1168) (-)

Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

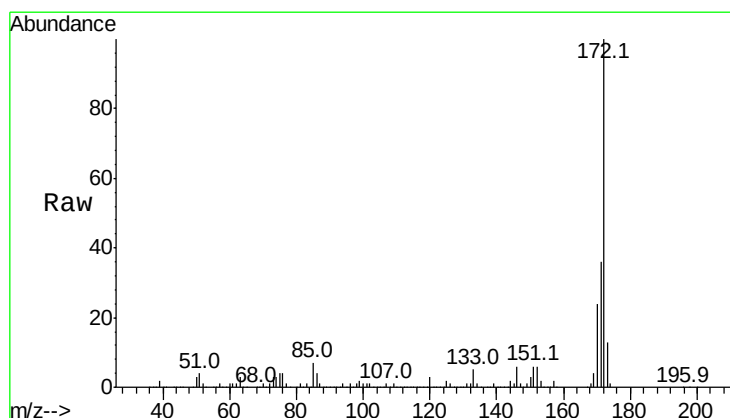
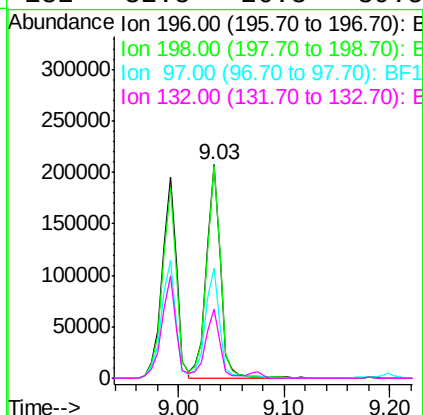
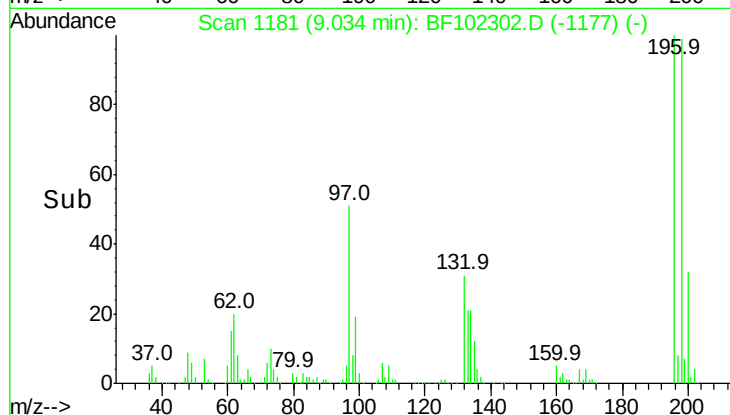




#43
 2,4,5-Trichlorophenol
 Concen: 32.173 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

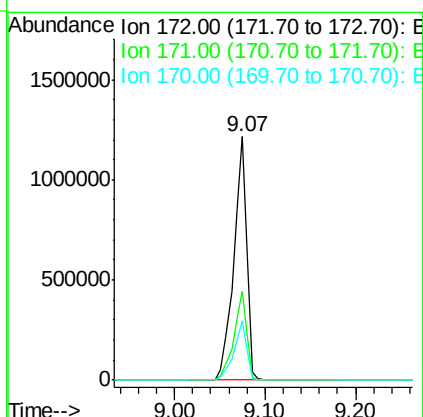
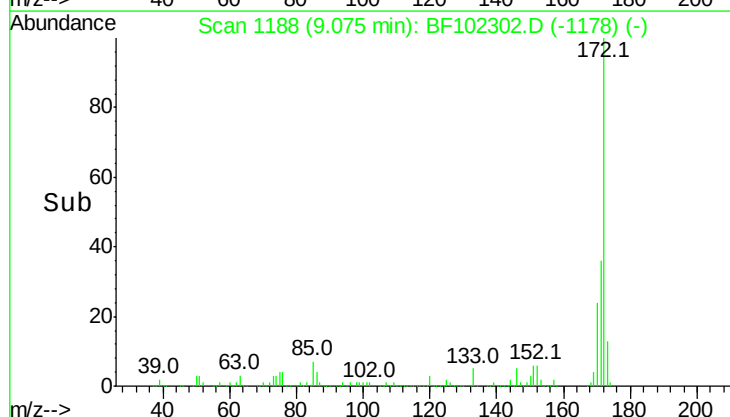
Instrument :
 BNA_F
 ClientSampleId :

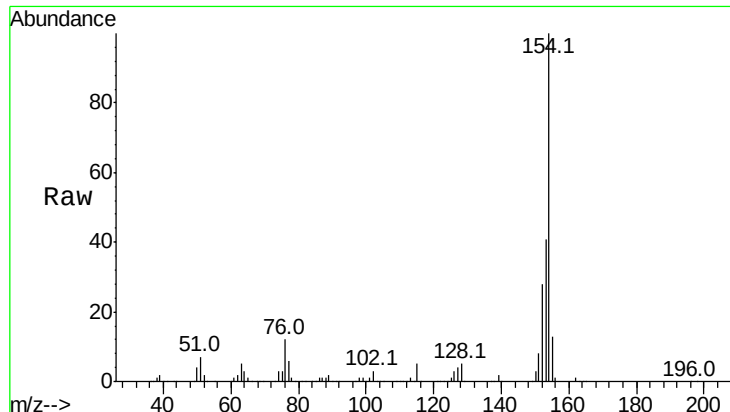
Tot Ion:	196	Resp:	192646
Ion	Ratio	Lower	Upper
196	100		
198	99.4	74.6	112.0
97	51.4	42.9	64.3
132	32.5	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 67.952 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	172	Resp:	1220311
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4

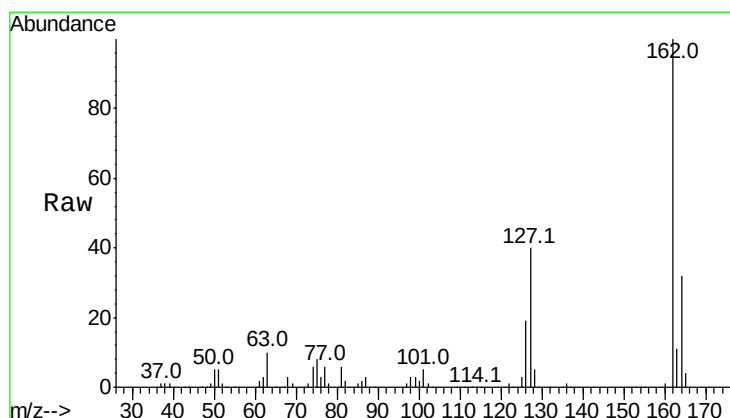
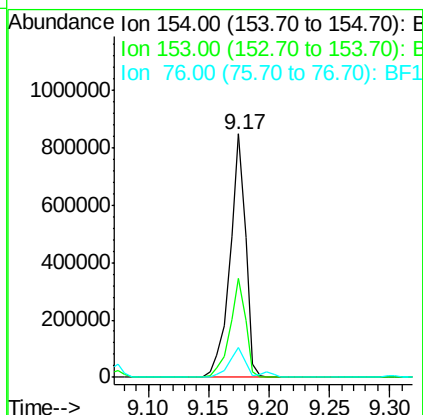
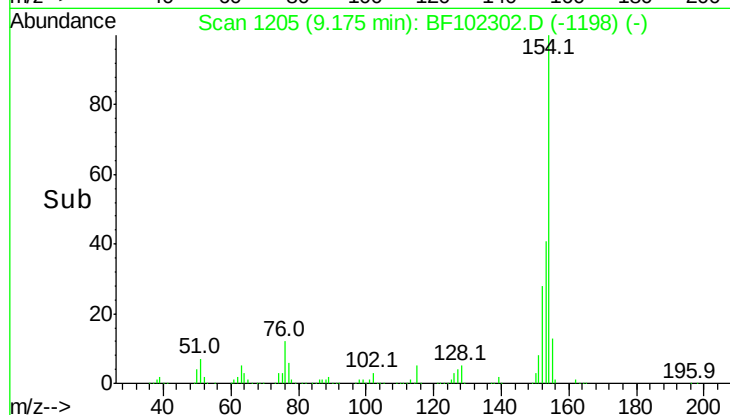




#45
 1,1'-Biphenyl
 Concen: 32.443 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

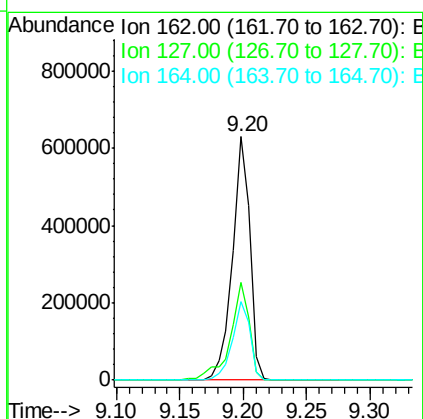
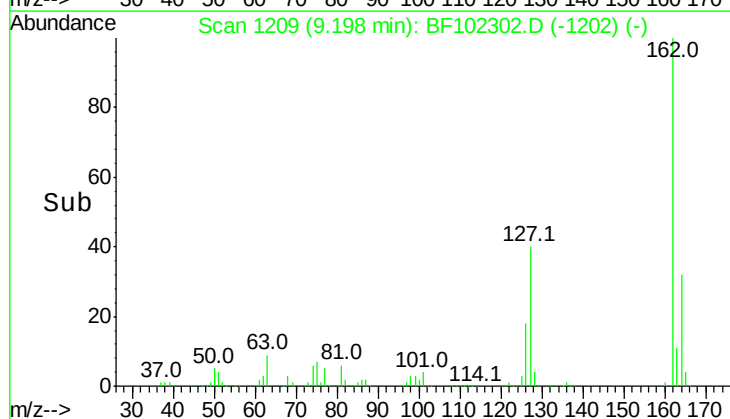
Instrument :
 BNA_F
 ClientSampled :

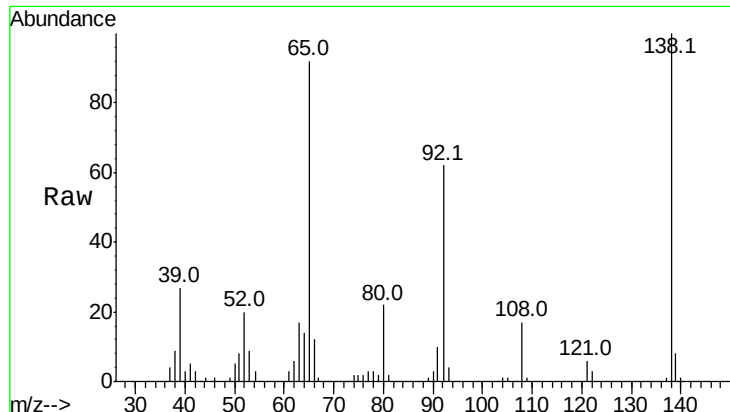
Tot Ion:	154	Resp:	765991
Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	12.2	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 32.309 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	162	Resp:	592943
Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.9	50.9
164	32.2	26.5	39.7

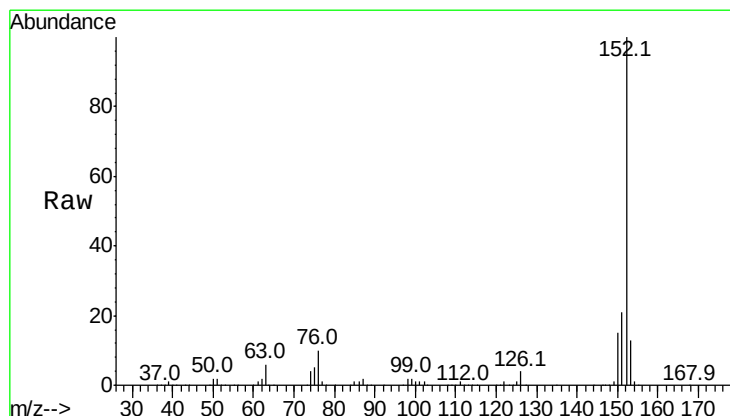
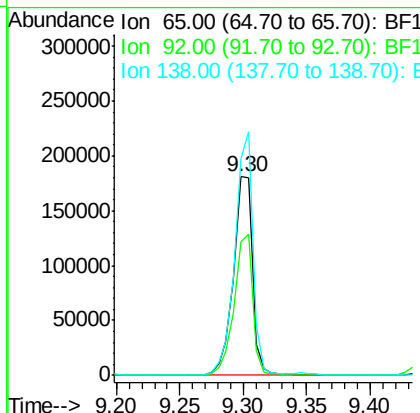
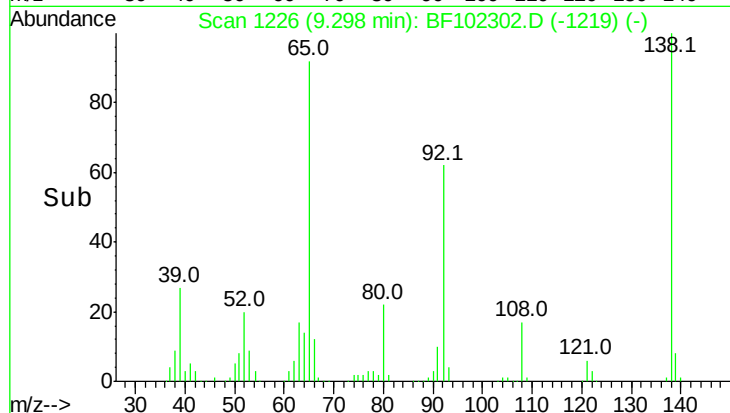




#47
 2-Nitroaniline
 Concen: 33.003 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

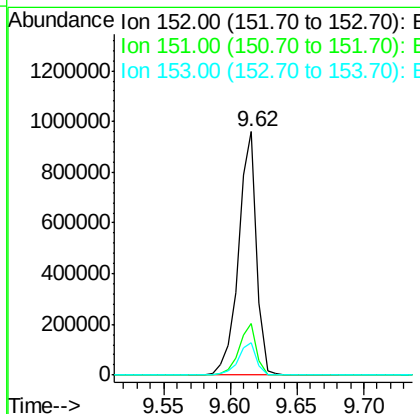
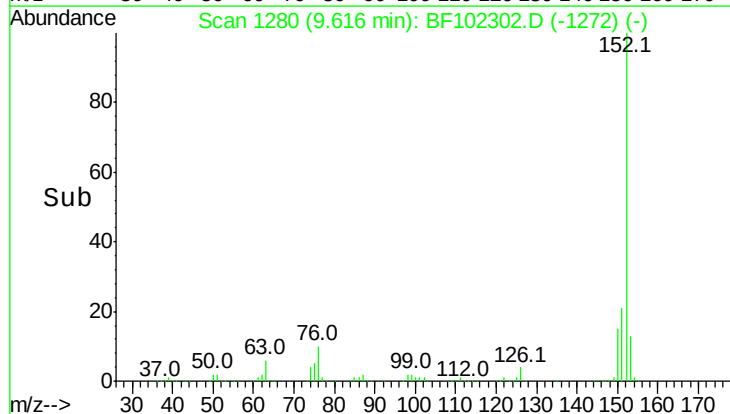
Instrument :
 BNA_F
 ClientSampled :

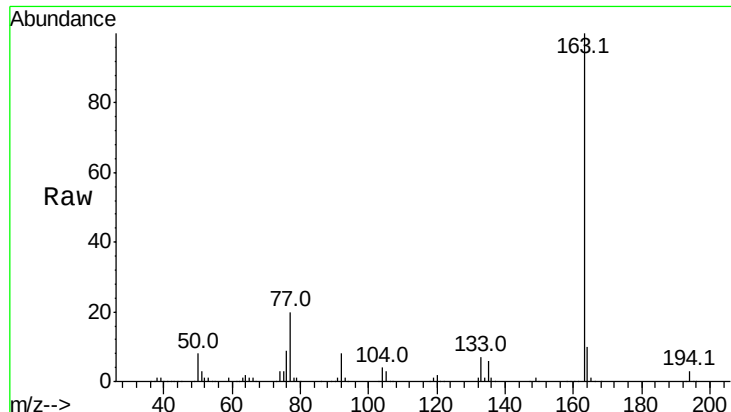
Tot Ion:	65	Resp:	188829
Ion	Ratio	Lower	Upper
65	100		
92	67.6	55.8	83.6
138	109.1	91.2	136.8



#48
 Acenaphthylene
 Concen: 31.520 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	152	Resp:	901208
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.3	10.7	16.1

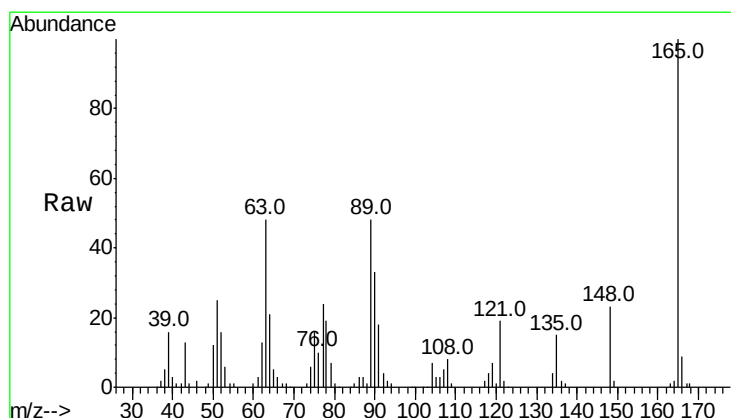
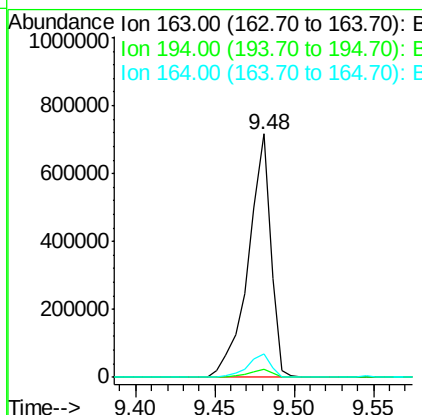
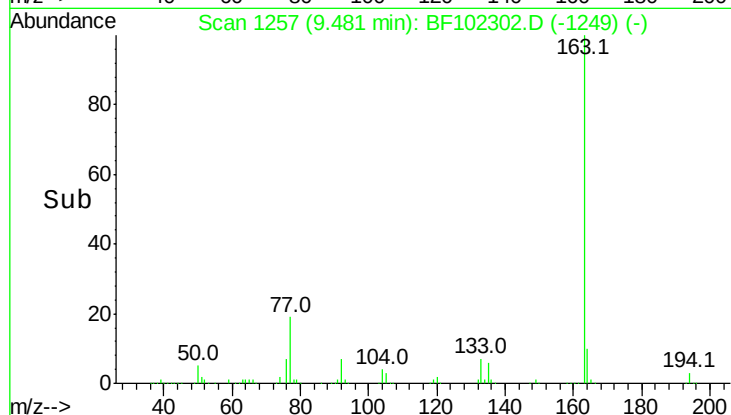




#49
Dimethylphthalate
Concen: 32.278 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

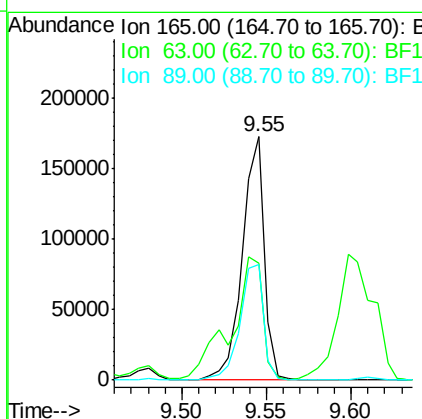
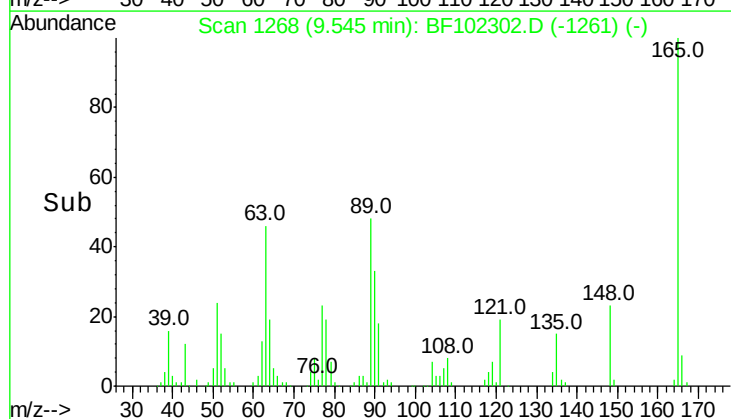
Instrument :
BNA_F
ClientSampleId :

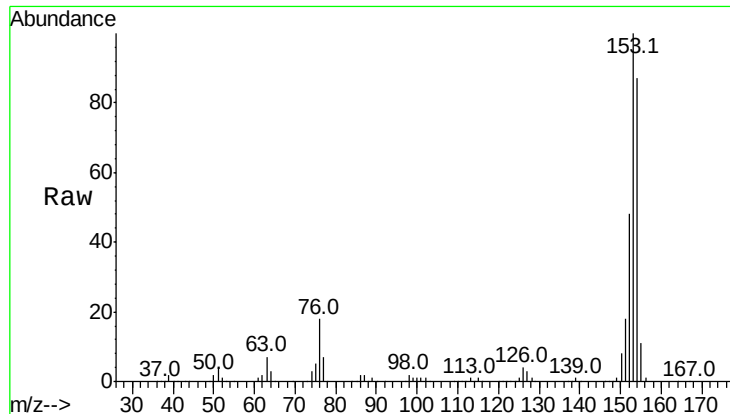
Tot Ion:163 Resp: 704482
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 33.348 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion:165 Resp: 156923
Ion Ratio Lower Upper
165 100
63 47.9 44.7 67.1
89 47.5 44.0 66.0





#51

Acenaphthene

Concen: 31.548 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampled :

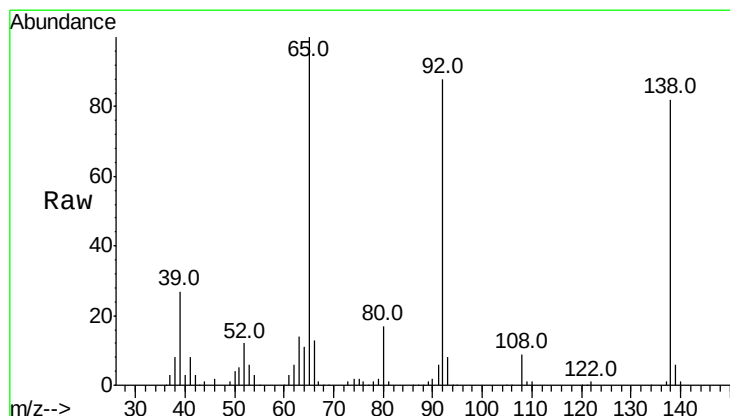
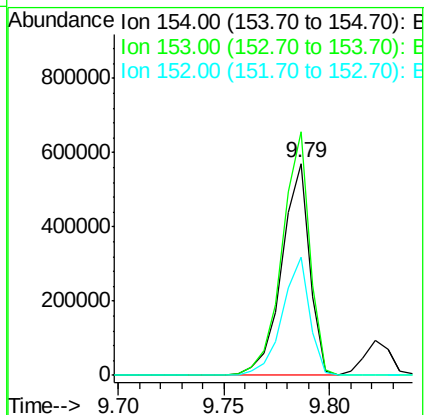
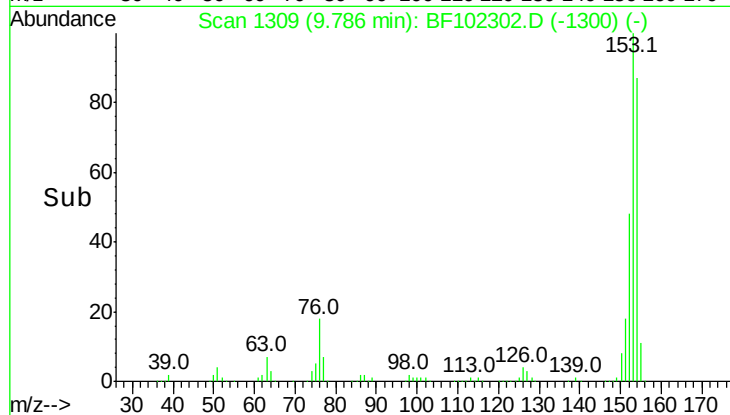
Tot Ion:154 Resp: 526791

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

152 55.4 43.8 65.8



#52

3-Nitroaniline

Concen: 20.117 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

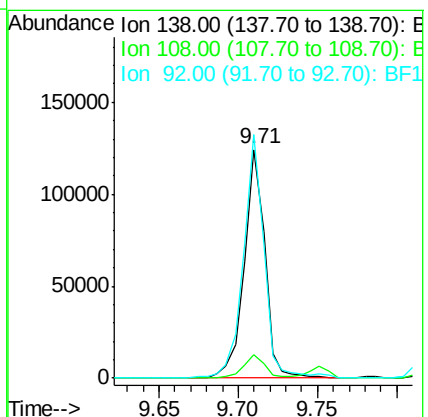
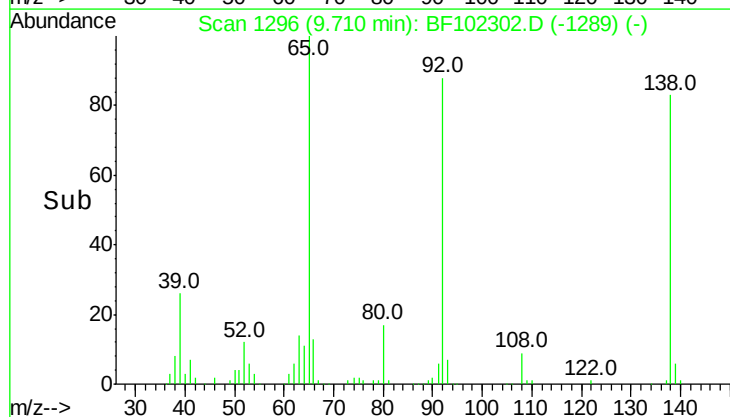
Tgt Ion:138 Resp: 111985

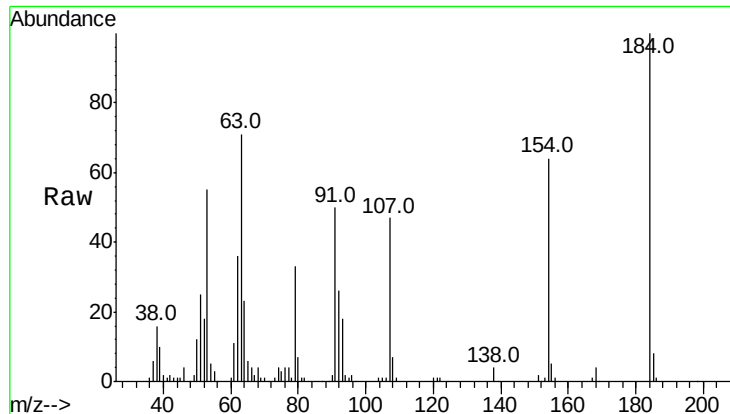
Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

92 106.4 89.4 134.2

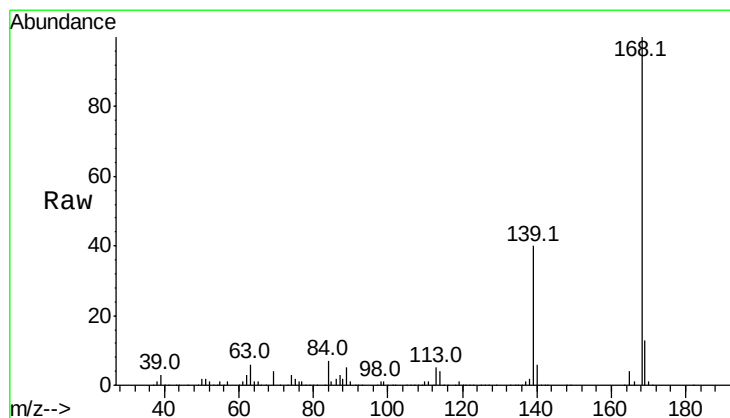
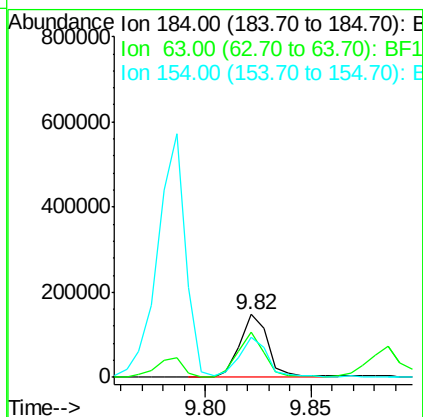
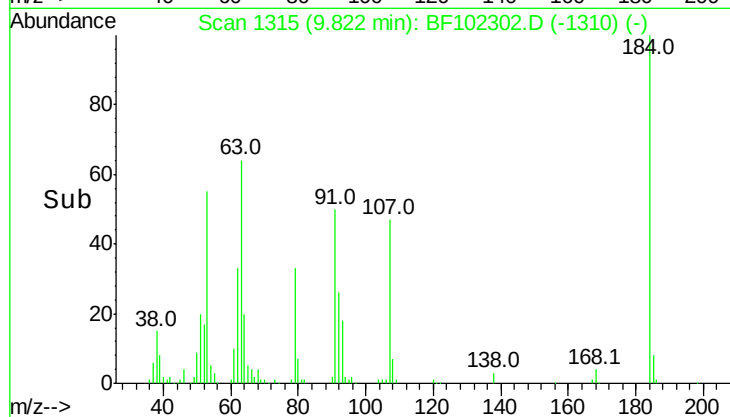




#53
2,4-Dinitrophenol
Concen: 66.658 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

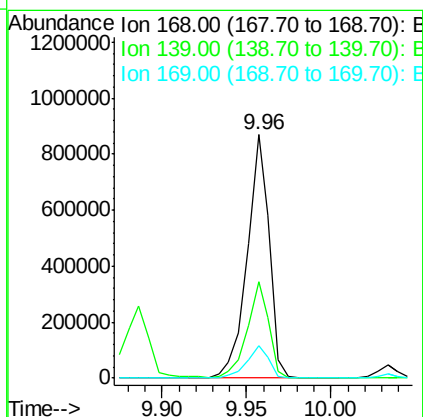
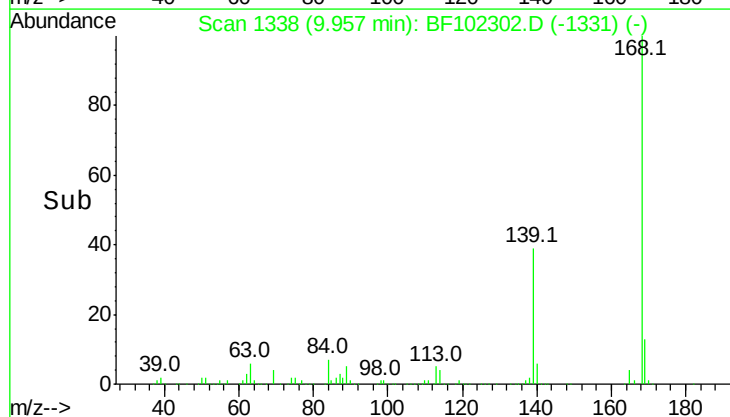
Instrument :
BNA_F
ClientSampleId :

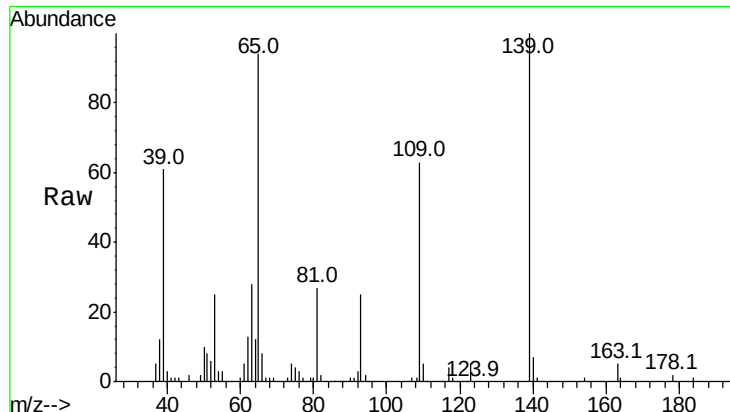
Tot Ion	Ratio	Lower	Upper
184	100		
63	71.3	54.2	81.2
154	63.5	184.0	276.0#



#54
Dibenzofuran
Concen: 35.104 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.1	45.1
169	13.4	10.9	16.3

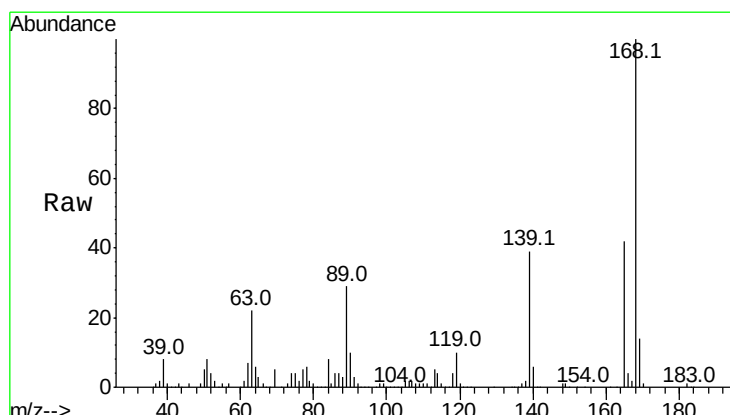
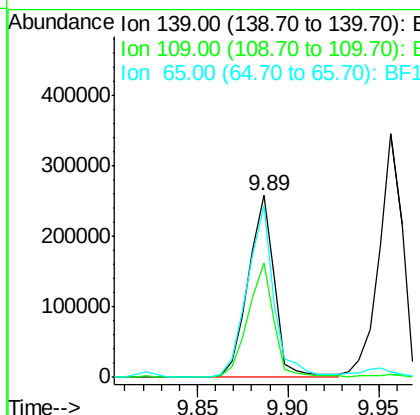
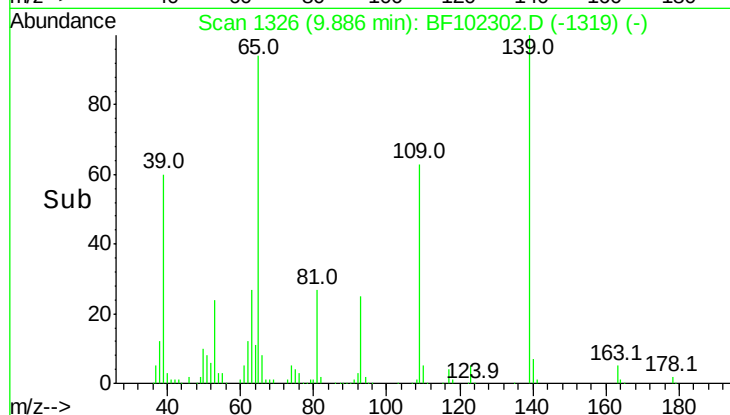




#55
 4-Nitrophenol
 Concen: 71.030 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

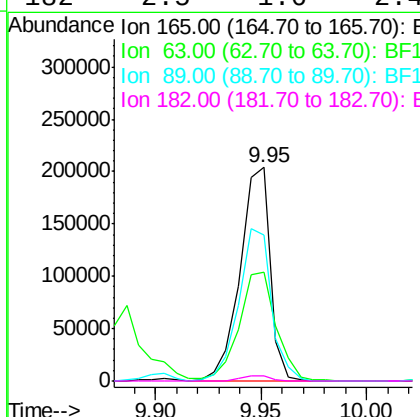
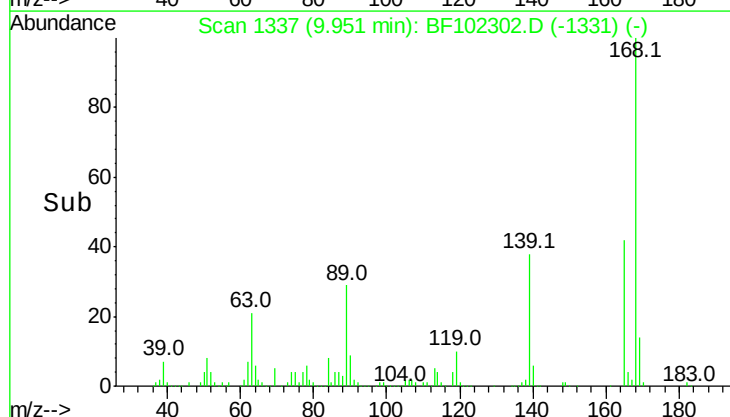
Instrument :
 BNA_F
 ClientSampleId :

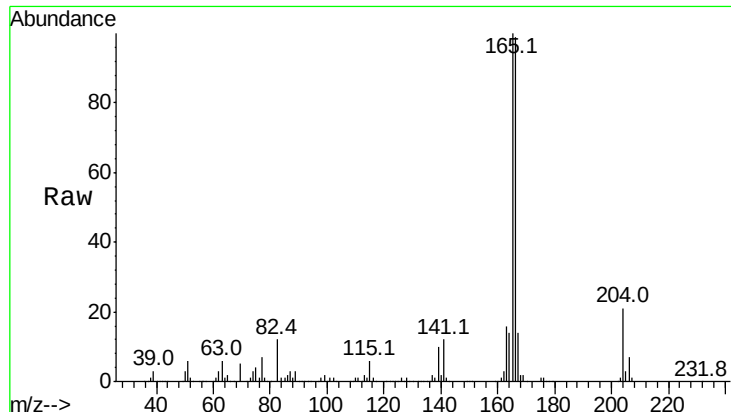
Tot Ion:	139	Resp:	261003
Ion	Ratio	Lower	Upper
139	100		
109	62.9	48.4	88.4
65	94.3	72.6	112.6



#56
 2,4-Dinitrotoluene
 Concen: 34.817 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	165	Resp:	201471
Ion	Ratio	Lower	Upper
165	100		
63	51.1	36.4	54.6
89	68.1	57.8	86.6
182	2.5	1.6	2.4#

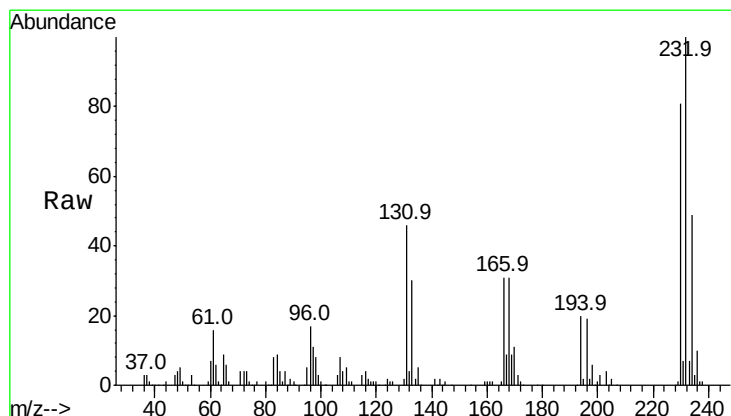
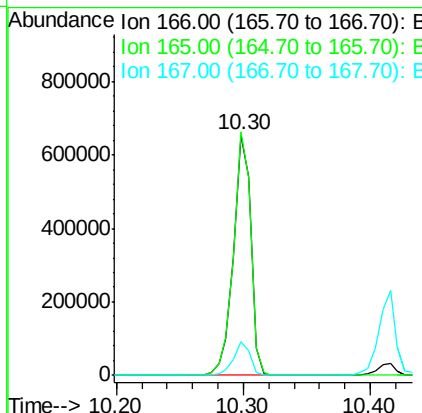
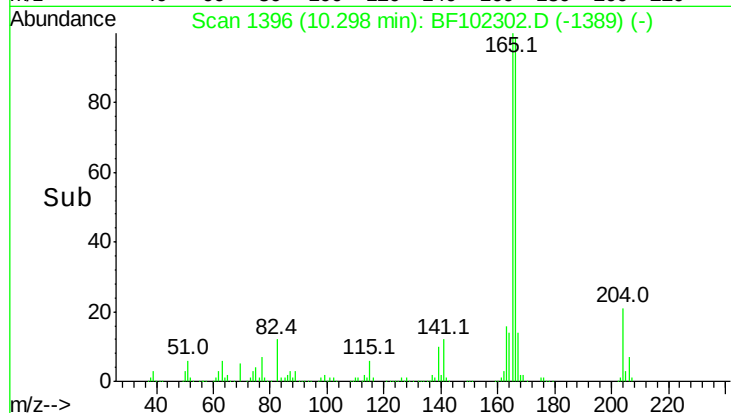




#57
 Fluorene
 Concen: 34.364 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

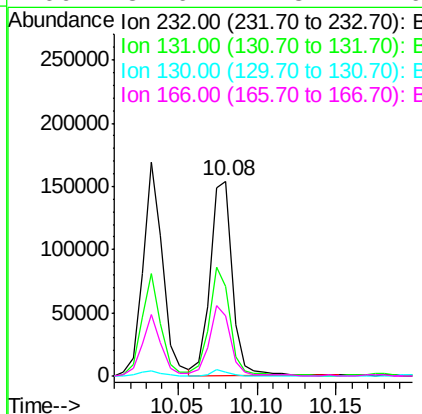
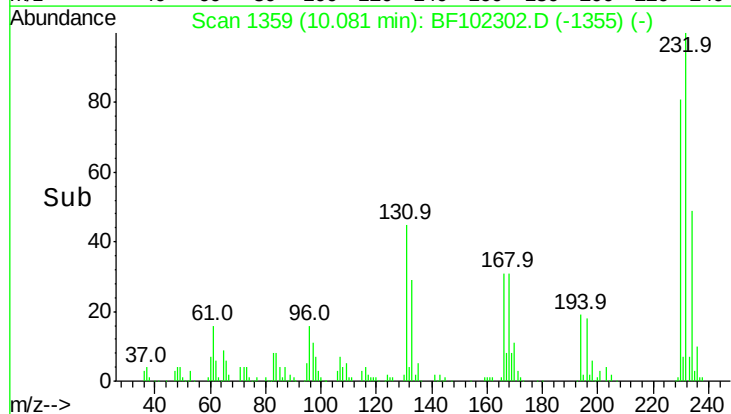
Instrument :
 BNA_F
 ClientSampleId :

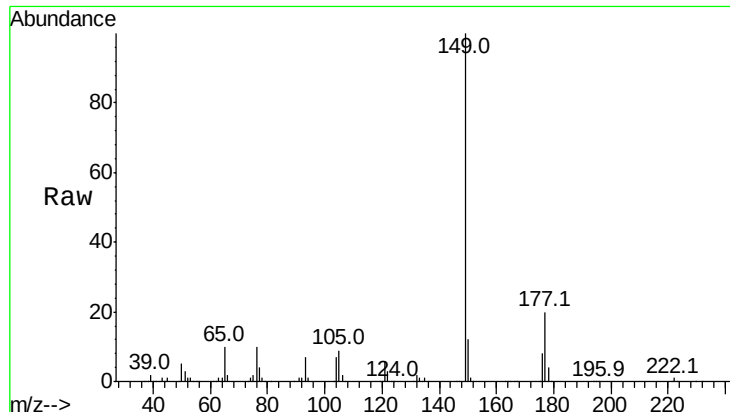
Tot Ion:	166	Resp:	615367
Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.8	119.8
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.315 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	232	Resp:	150983
Ion	Ratio	Lower	Upper
232	100		
131	54.1	43.8	65.8
130	2.6	2.1	3.1
166	34.6	27.8	41.6

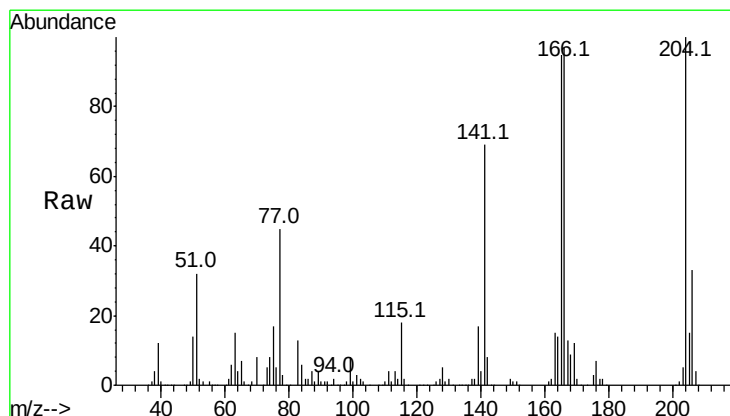
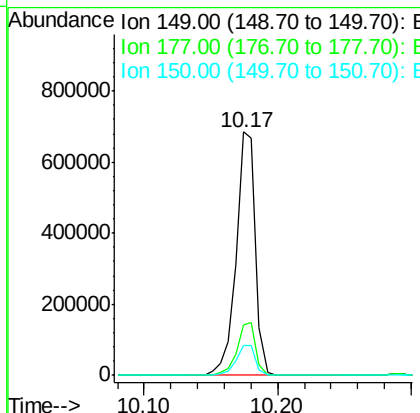
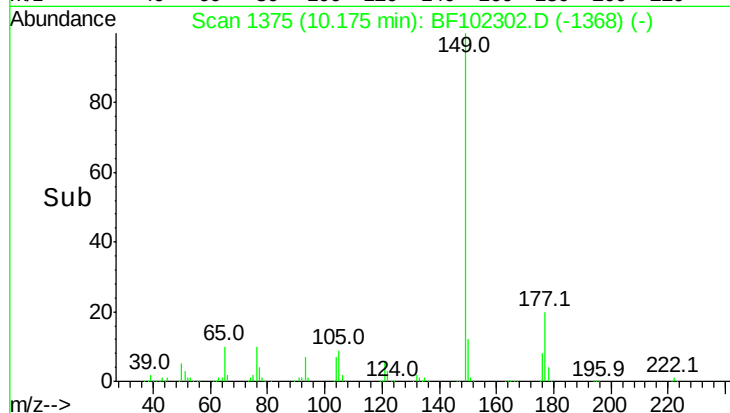




#59
 Diethylphthalate
 Concen: 32.552 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

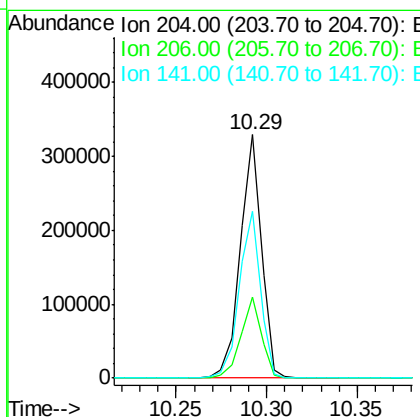
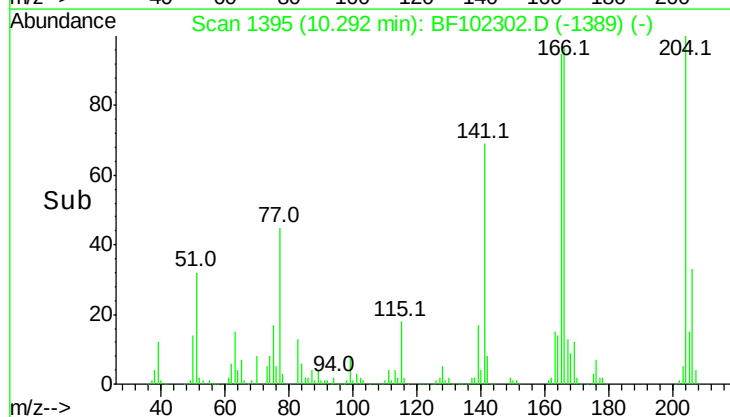
Instrument :
 BNA_F
 ClientSampleId :

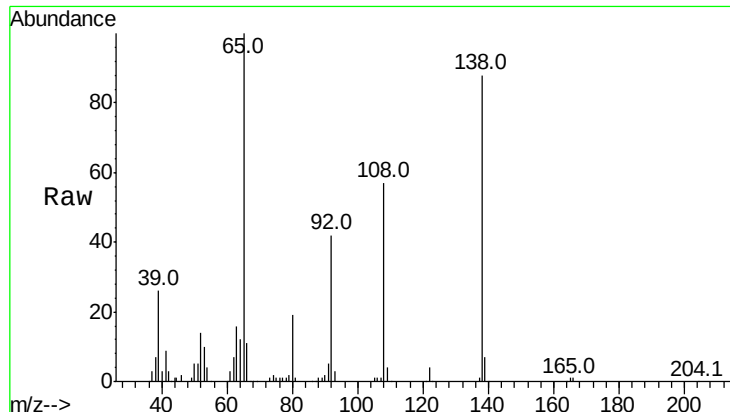
Tot Ion:	149	Resp:	690400
Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	12.4	10.1	15.1



#60
 4-Chlorophenyl-phenylether
 Concen: 34.428 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	204	Resp:	267296
Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	68.6	54.6	81.8

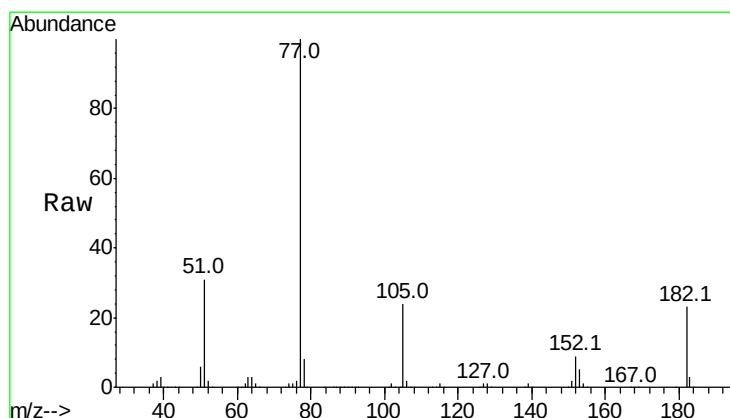
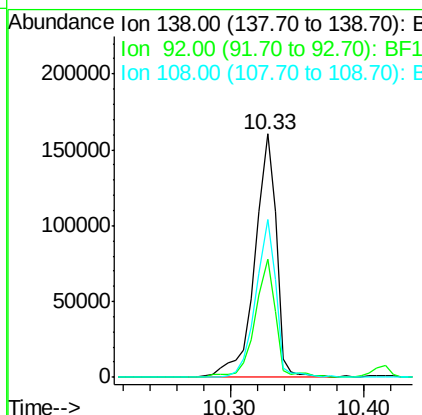
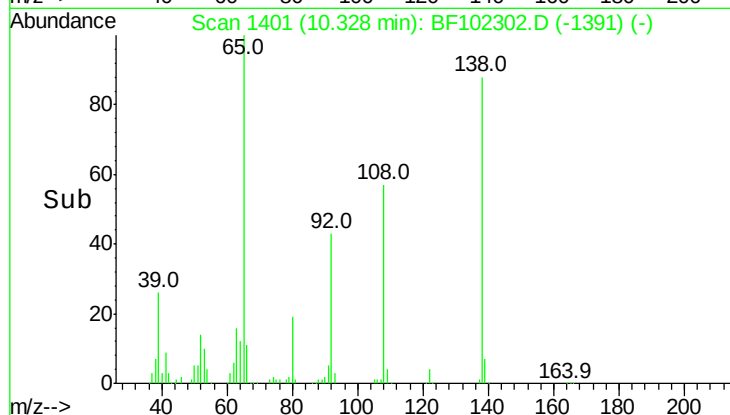




#61
 4-Nitroaniline
 Concen: 31.863 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

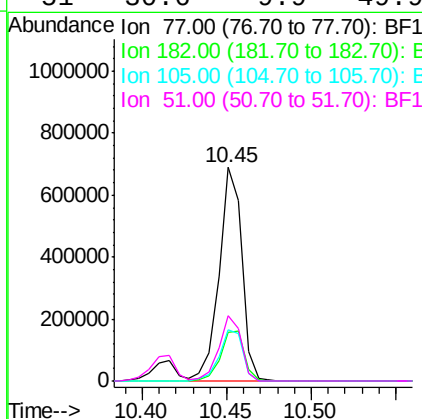
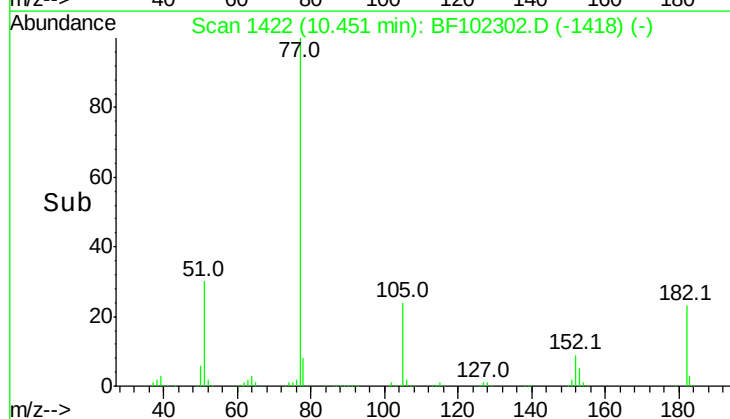
Instrument :
 BNA_F
 ClientSampleId :

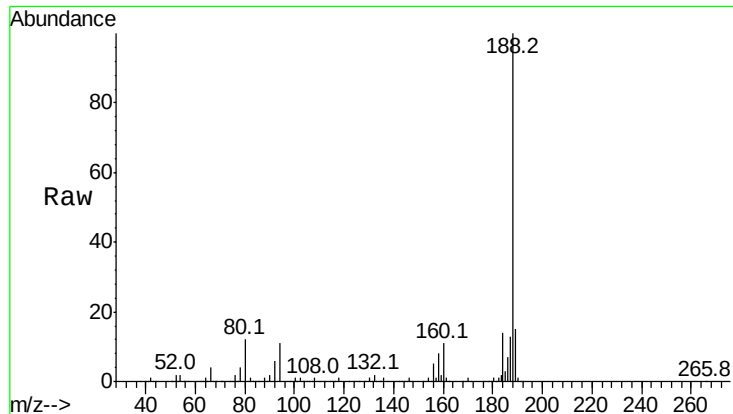
Tot Ion:	138	Resp:	176989
Ion	Ratio	Lower	Upper
138	100		
92	48.3	30.2	70.2
108	65.1	52.5	92.5



#62
 Azobenzene
 Concen: 33.224 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	77	Resp:	645145
Ion	Ratio	Lower	Upper
77	100		
182	22.6	1.7	41.7
105	24.0	3.0	43.0
51	30.6	9.9	49.9

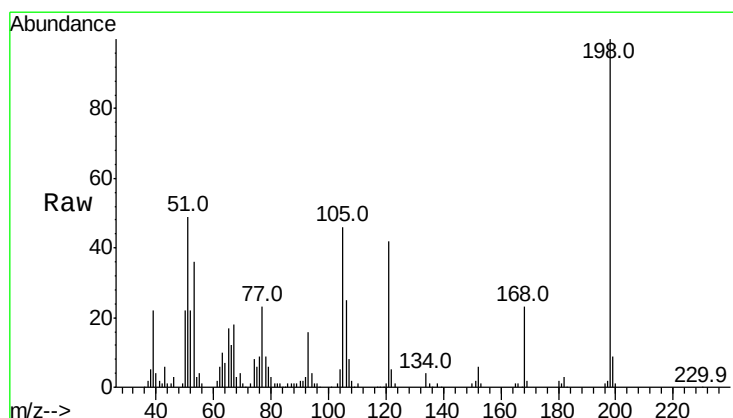
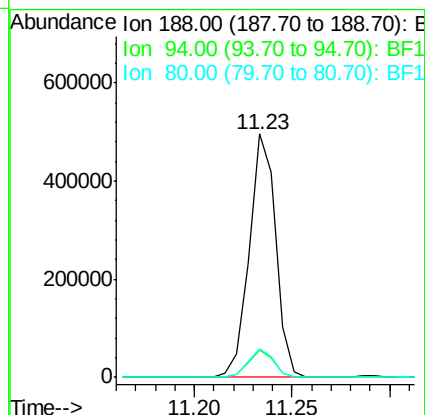
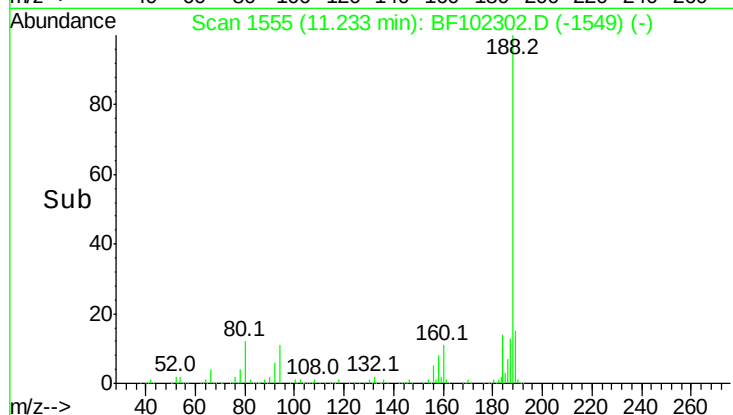




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

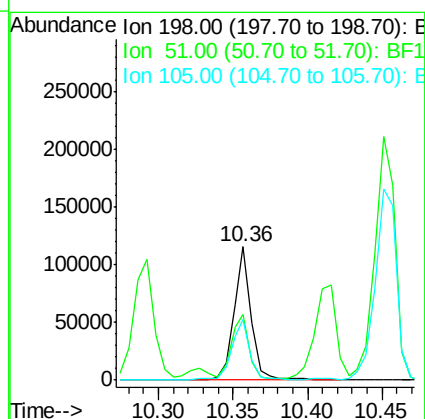
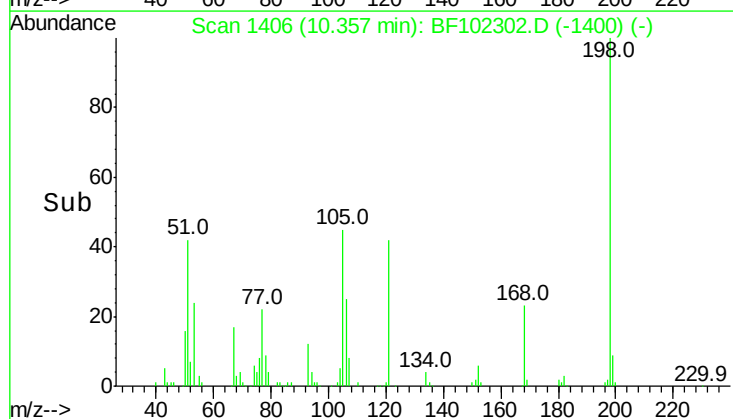
Instrument :
 BNA_F
 ClientSampleId :

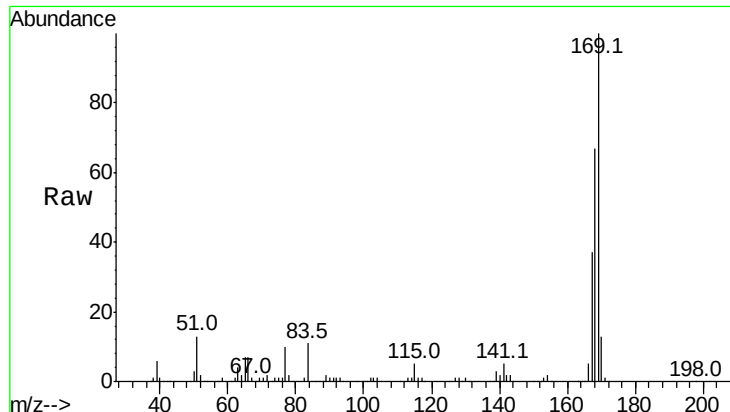
Tot Ion:188 Resp: 466007
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 11.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.275 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:198 Resp: 94126
 Ion Ratio Lower Upper
 198 100
 51 48.8 37.7 77.7
 105 45.9 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 33.545 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampleId :

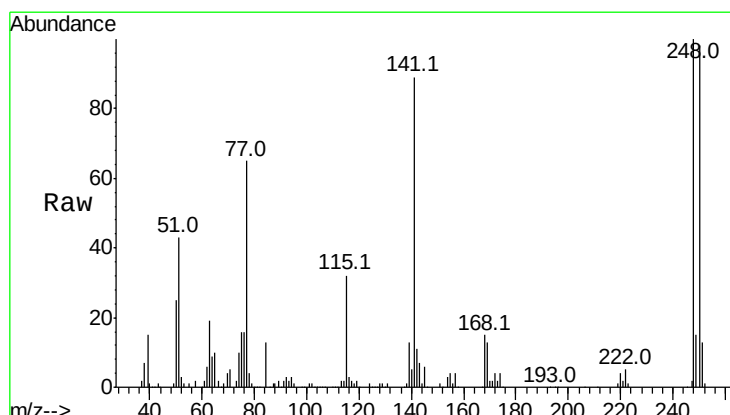
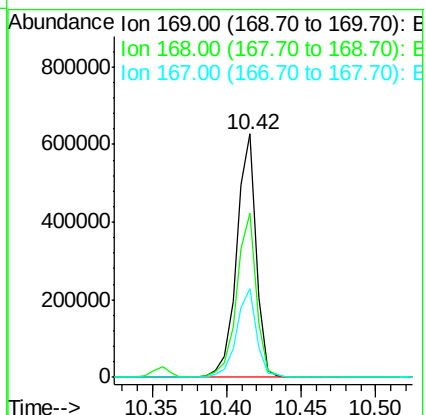
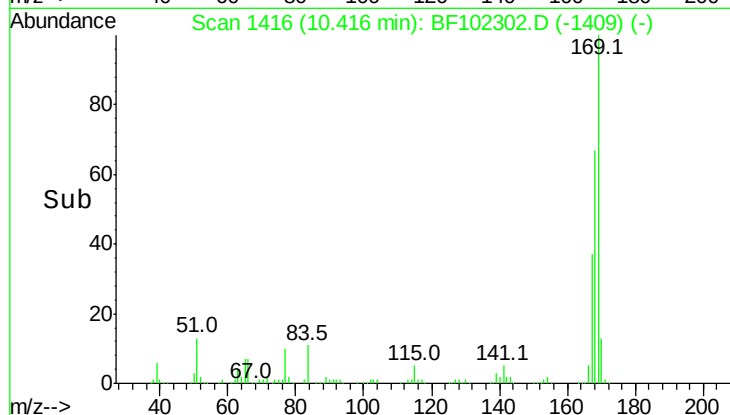
Tot Ion:169 Resp: 573758

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

167 36.6 29.8 44.6



#66

4-Bromophenyl-phenylether

Concen: 33.257 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

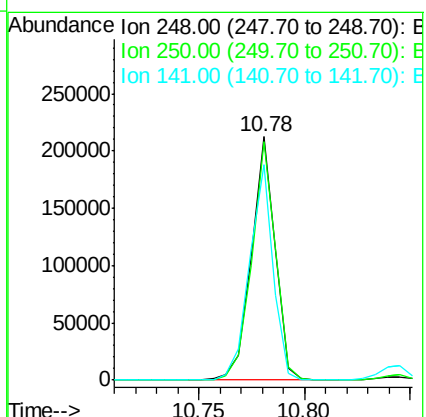
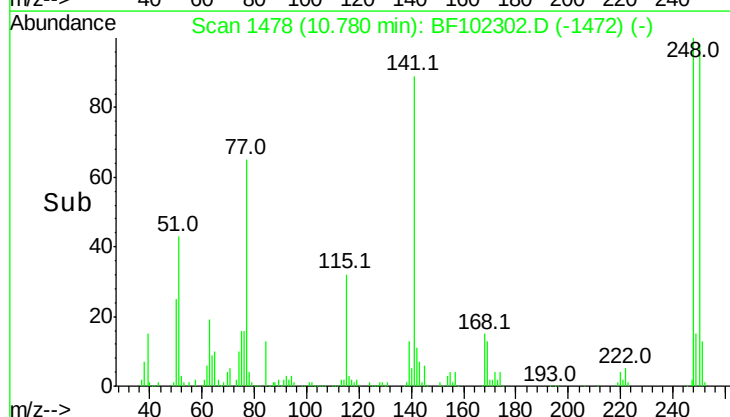
Tgt Ion:248 Resp: 166837

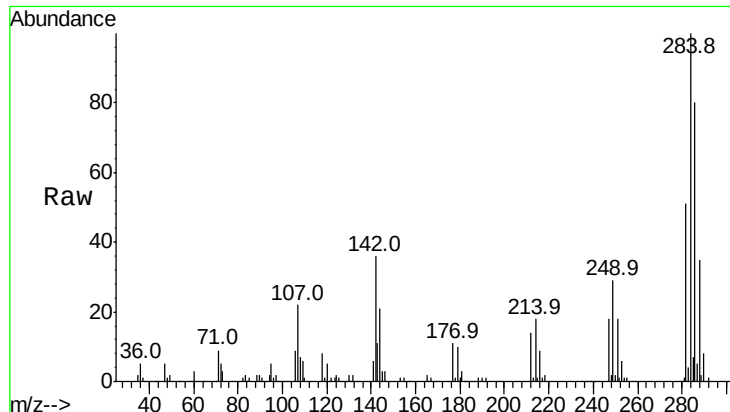
Ion Ratio Lower Upper

248 100

250 98.1 76.9 115.3

141 88.6 74.4 111.6





#67

Hexachlorobenzene

Concen: 32.015 ng

RT: 10.85 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampleId :

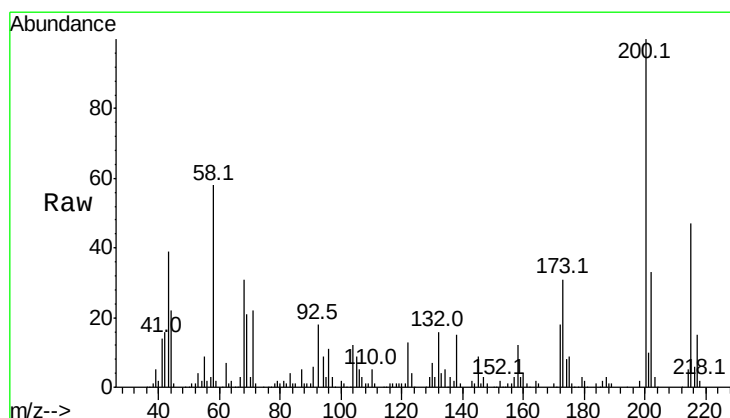
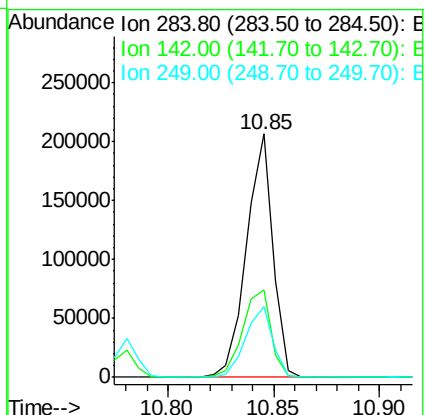
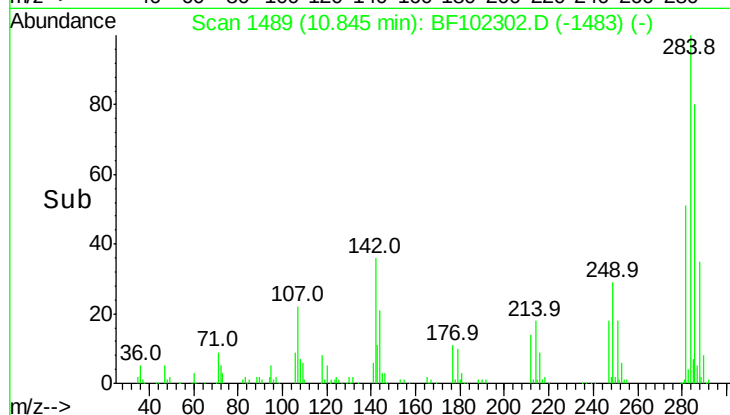
Tot Ion:284 Resp: 179616

Ion Ratio Lower Upper

284 100

142 36.0 34.6 52.0

249 29.3 24.8 37.2



#68

Atrazine

Concen: 35.327 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

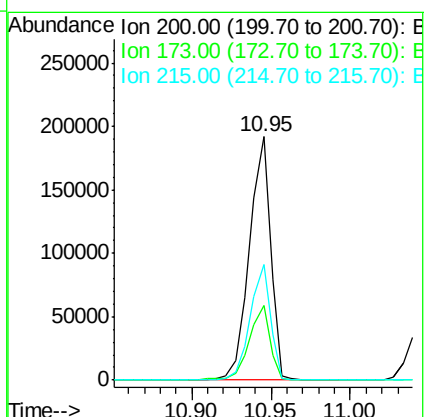
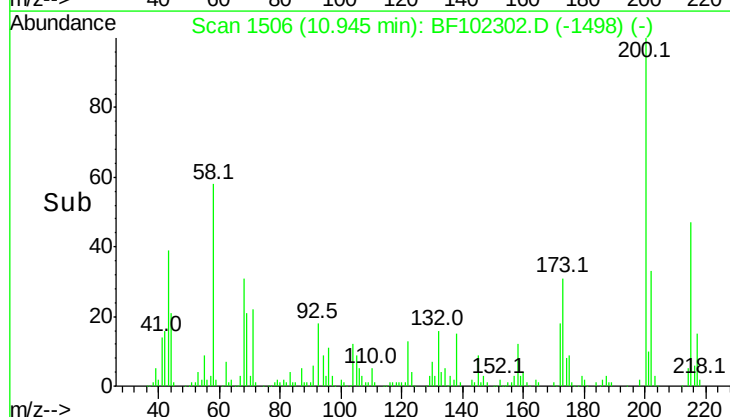
Tgt Ion:200 Resp: 178458

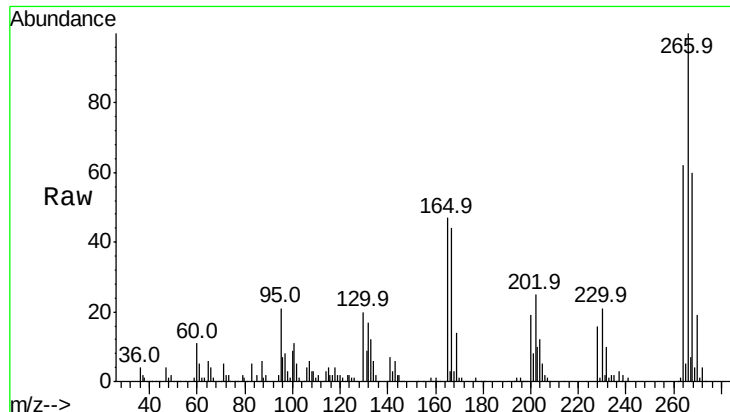
Ion Ratio Lower Upper

200 100

173 30.9 8.6 48.6

215 47.3 25.1 65.1

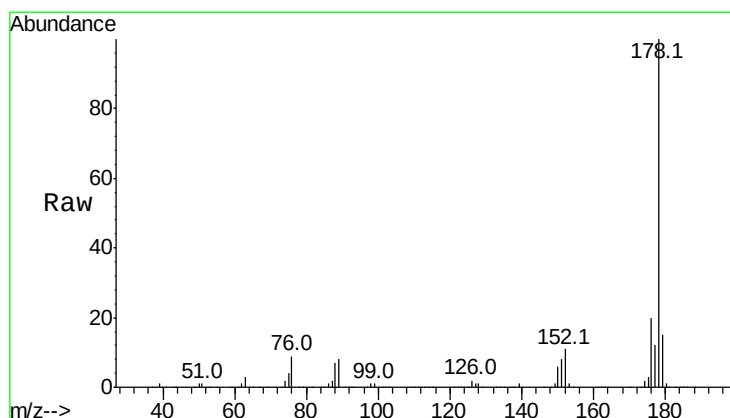
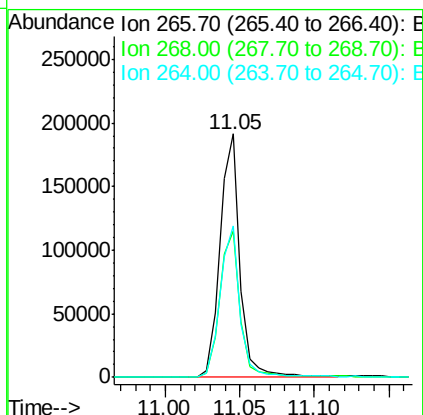
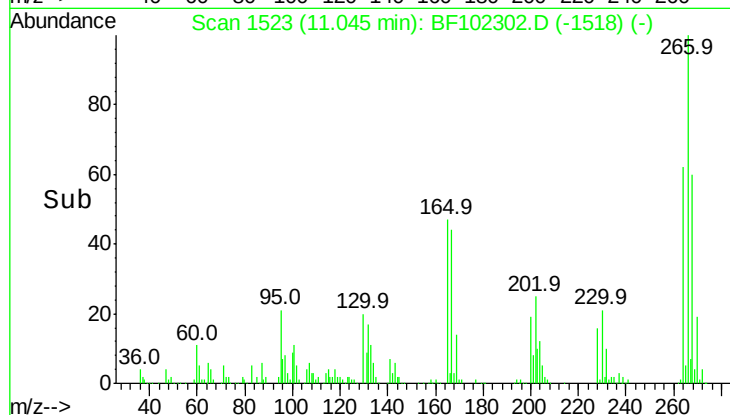




#69
 Pentachlorophenol
 Concen: 61.432 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

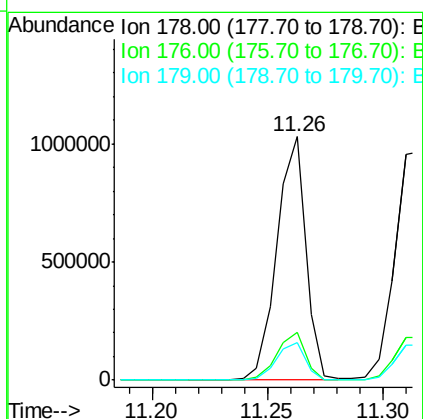
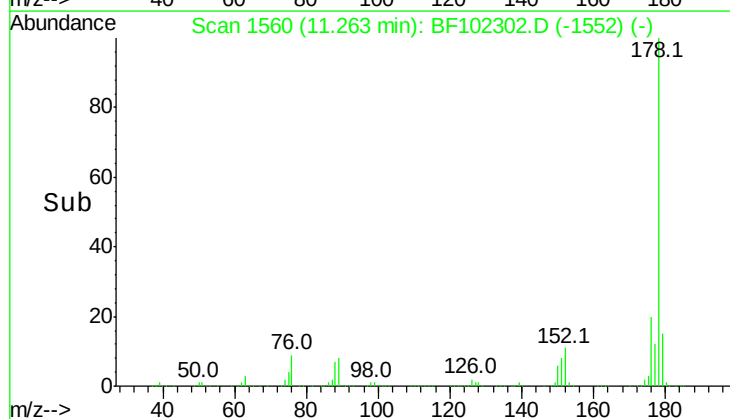
Instrument :
 BNA_F
 ClientSampleId :

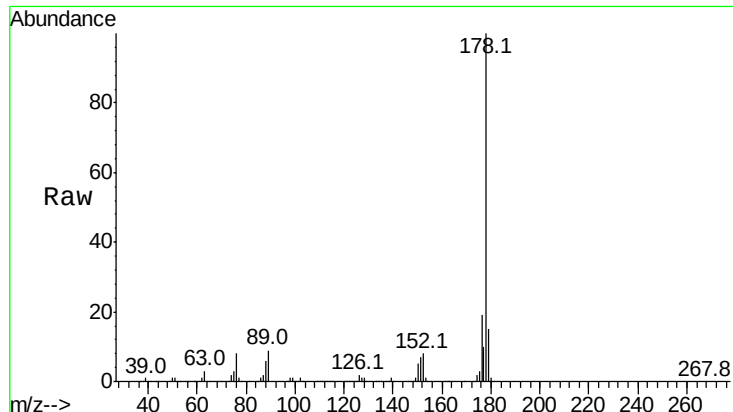
Tot Ion:	266	Resp:	181055
Ion	Ratio	Lower	Upper
266	100		
268	60.2	51.1	76.7
264	62.4	49.5	74.3



#70
 Phenanthrene
 Concen: 32.990 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:	178	Resp:	895856
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.3	13.0	19.6

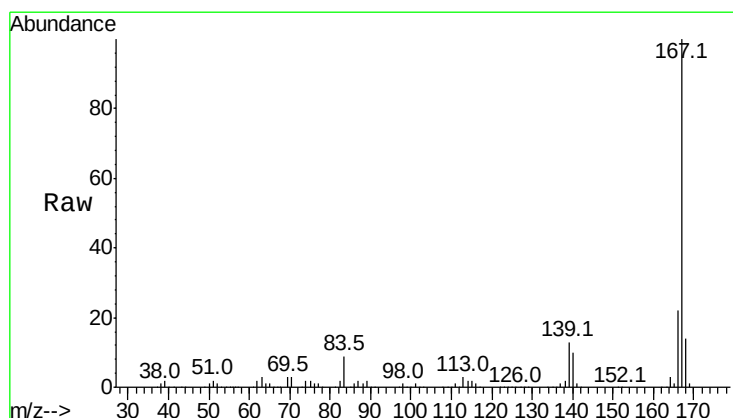
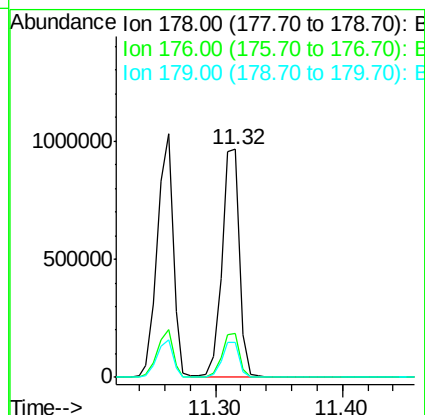
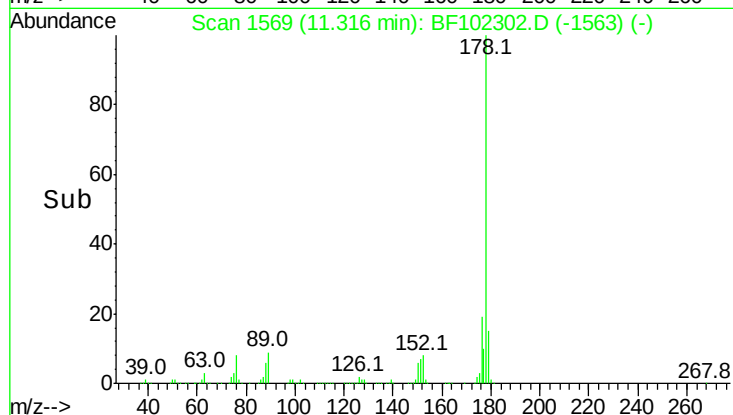




#71
 Anthracene
 Concen: 33.793 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

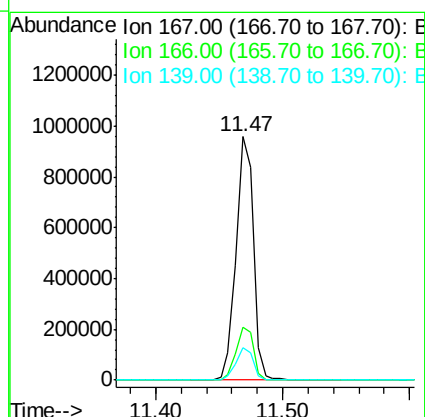
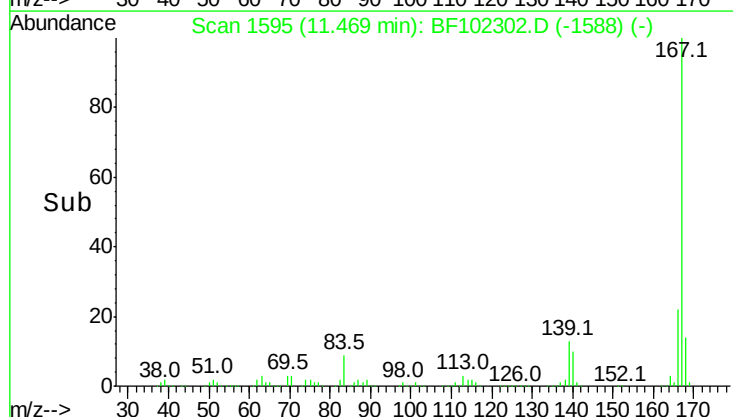
Instrument :
 BNA_F
 ClientSampleId :

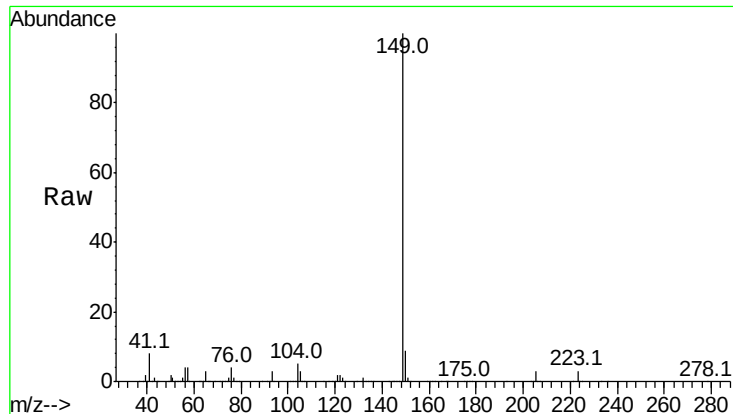
Tot Ion:178 Resp: 936648
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 33.034 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:167 Resp: 893239
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.447 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampleId :

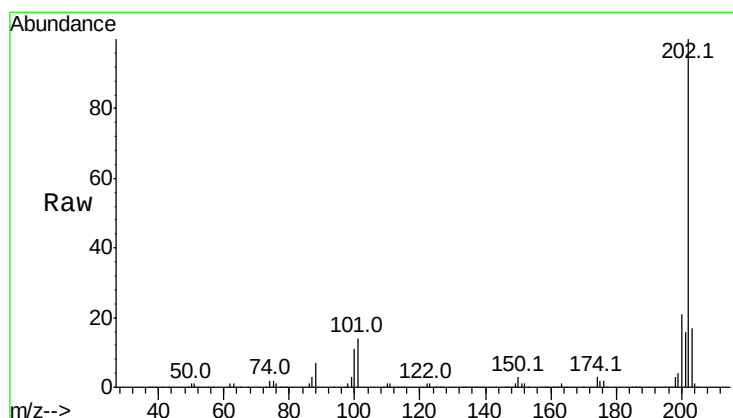
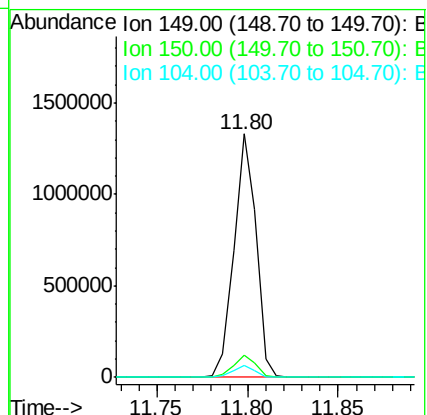
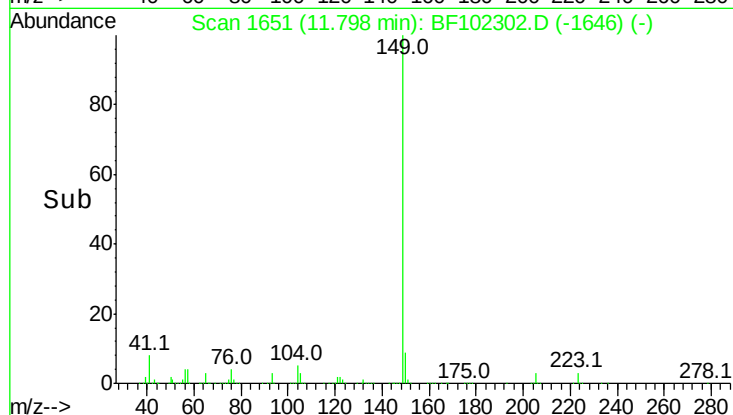
Tot Ion:149 Resp: 1130486

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

104 4.7 3.8 5.8



#74

Fluoranthene

Concen: 33.117 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

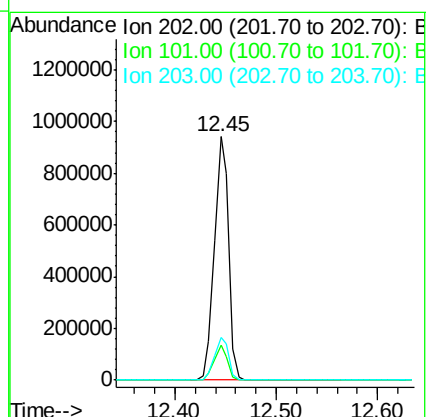
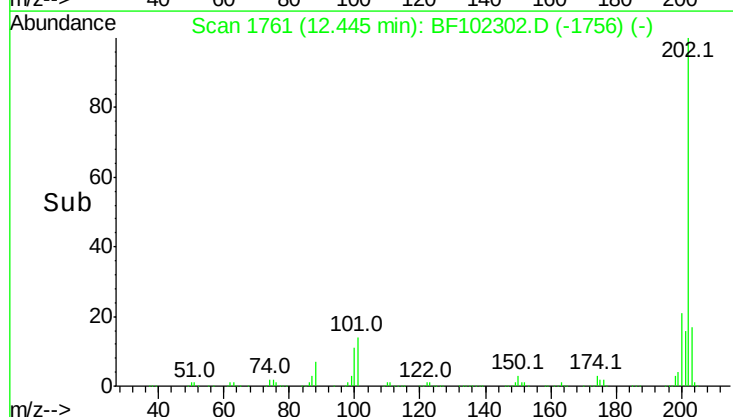
Tgt Ion:202 Resp: 917070

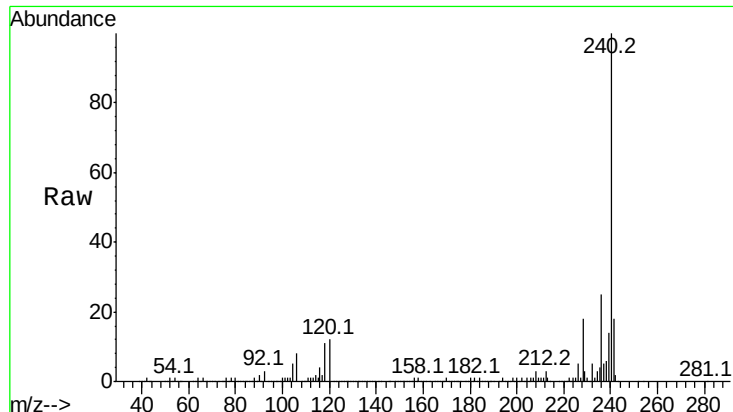
Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.1

203 17.4 0.0 38.1

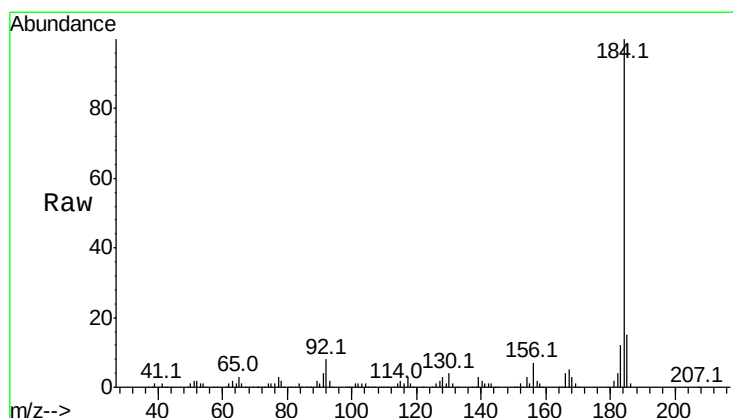
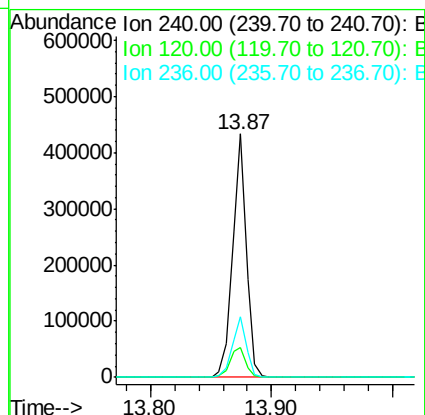
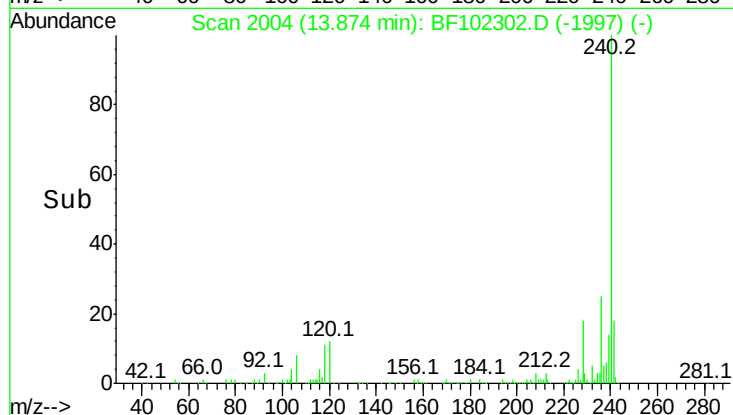




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

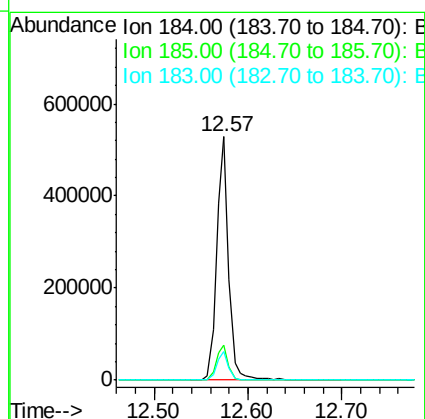
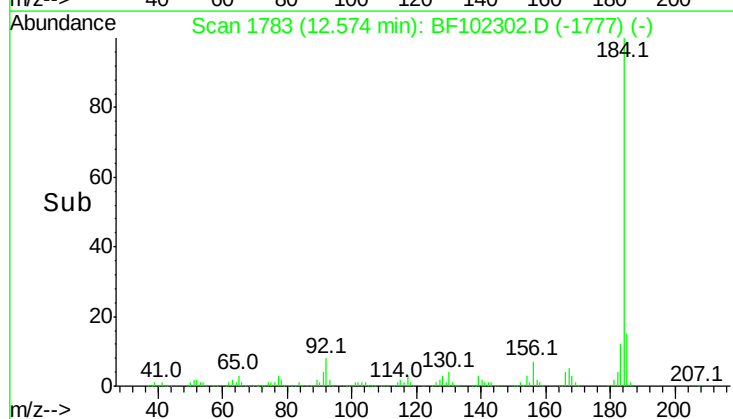
Instrument :
BNA_F
ClientSampleId :

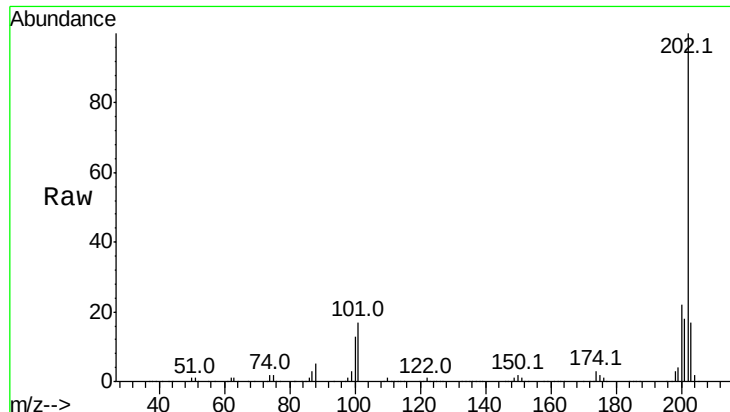
Tot Ion:240 Resp: 343095
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 24.9 20.7 31.1



#76
Benzidine
Concen: 41.302 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion:184 Resp: 476042
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.9 9.3 13.9

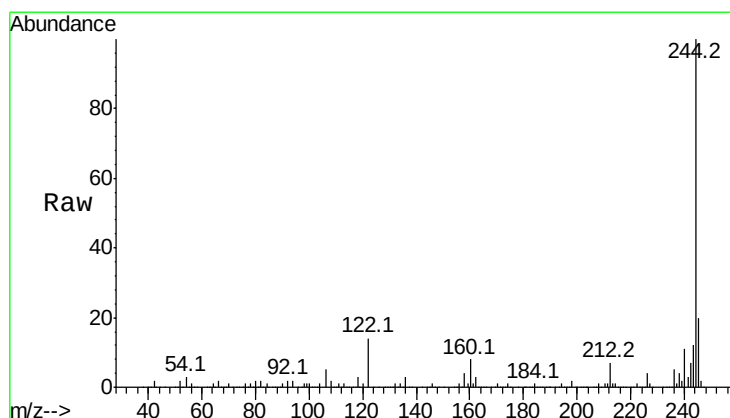
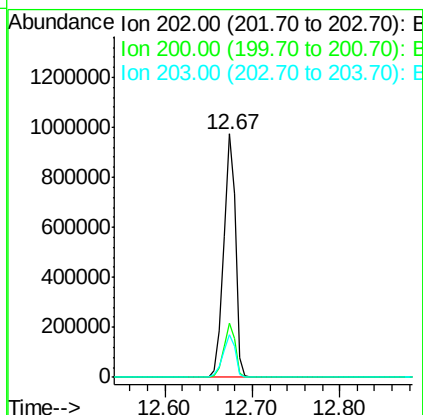
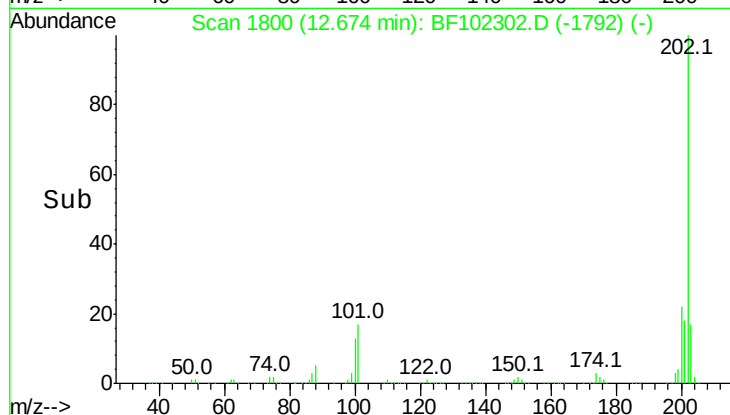




#77
 Pvrene
 Concen: 34.500 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

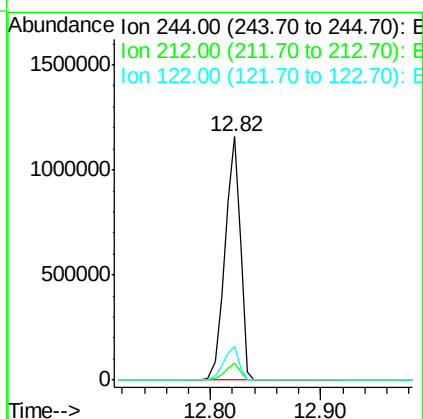
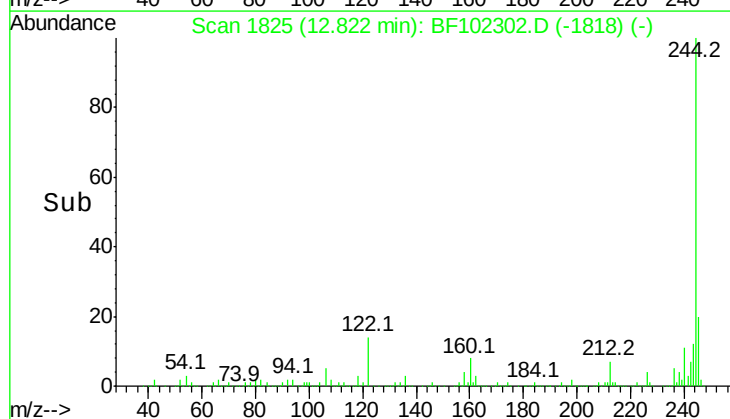
Instrument :
 BNA_F
 ClientSampleId :

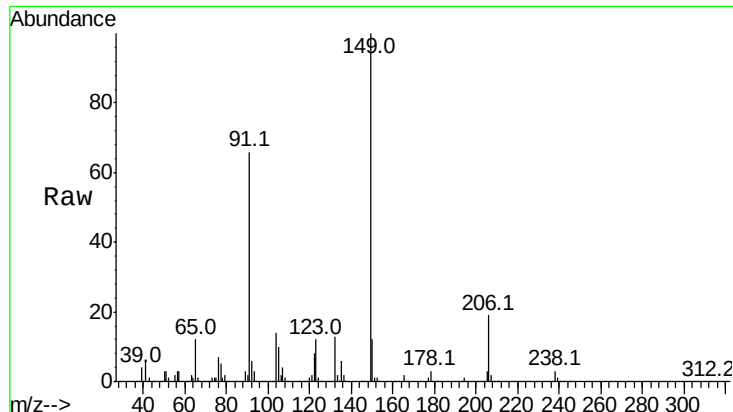
Tot Ion:202 Resp: 915170
 Ion Ratio Lower Upper
 202 100
 200 22.3 17.4 26.2
 203 17.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 73.978 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:244 Resp: 1125878
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.9 11.0 16.4

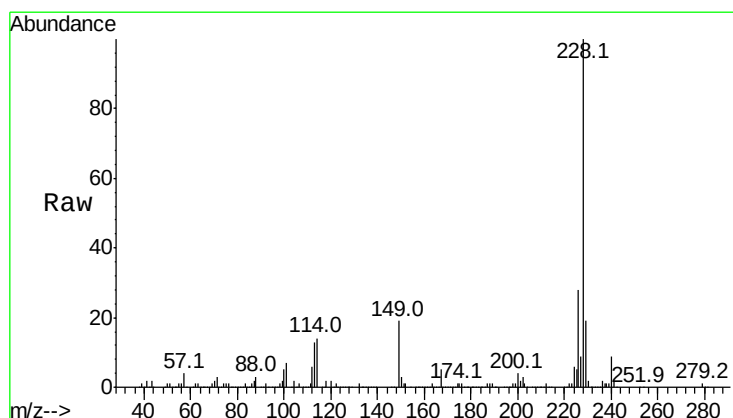
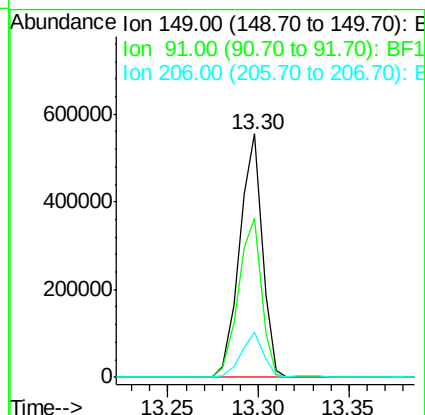
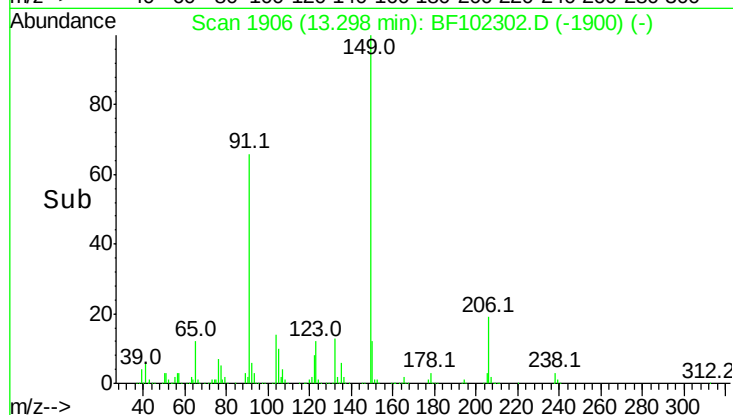




#79
Butylbenzylphthalate
Concen: 36.679 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

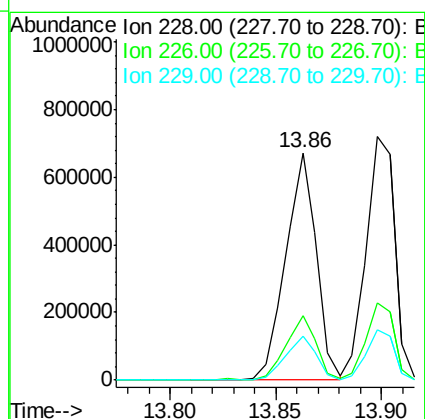
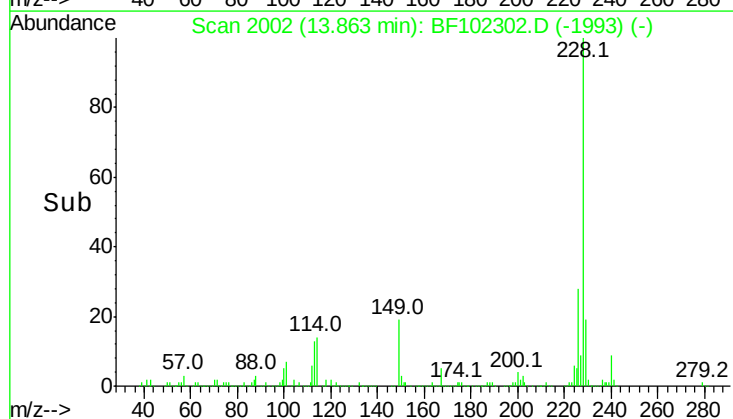
Instrument :
BNA_F
ClientSampleId :

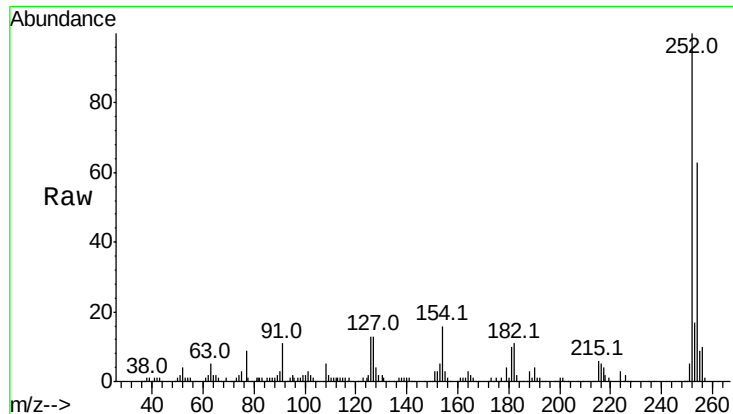
Tot Ion:	149	Resp:	484203
Ion	Ratio	Lower	Upper
149	100		
91	65.6	56.8	85.2
206	18.6	14.1	21.1



#80
Benzo(a)anthracene
Concen: 32.096 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion:	228	Resp:	677974
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.3	15.8	23.6

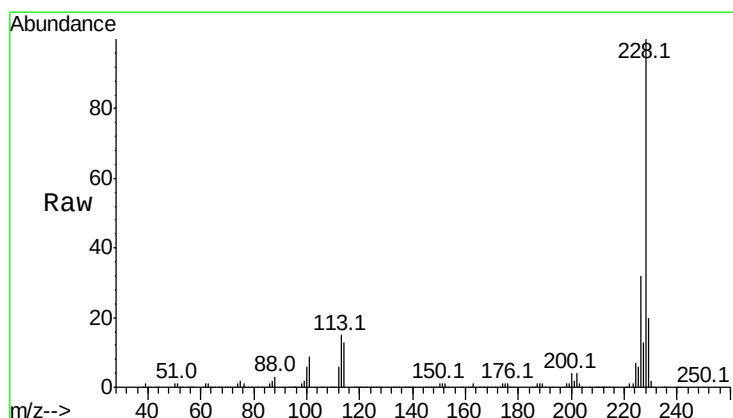
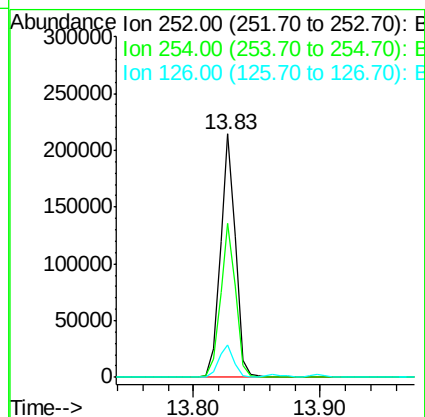
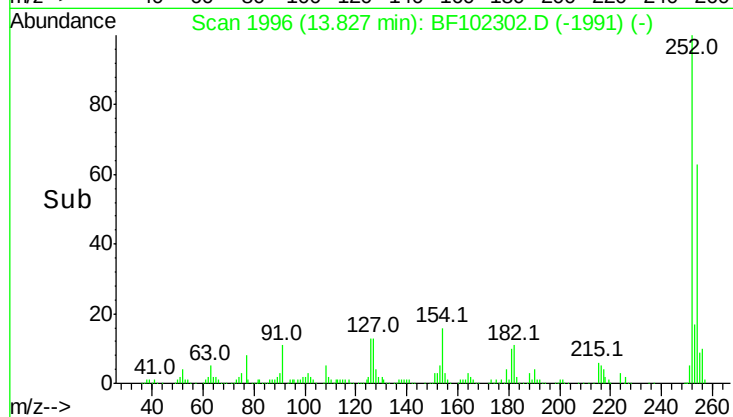




#81
 3,3'-Dichlorobenzidine
 Concen: 23.243 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

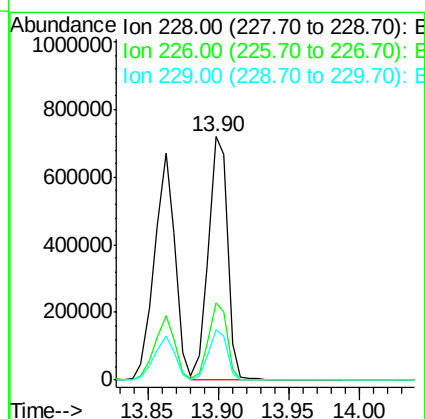
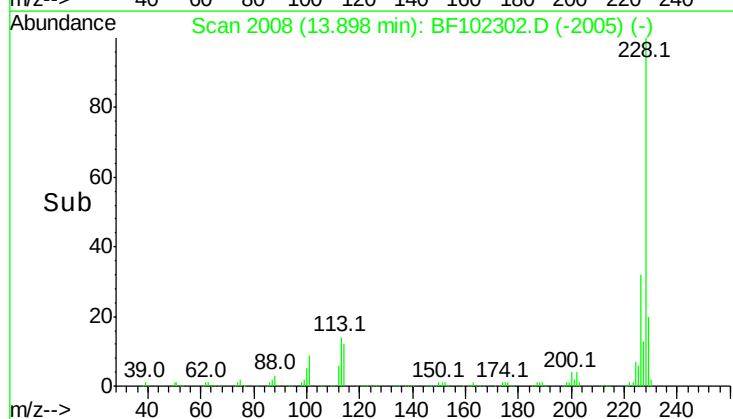
Instrument :
 BNA_F
 ClientSampleId :

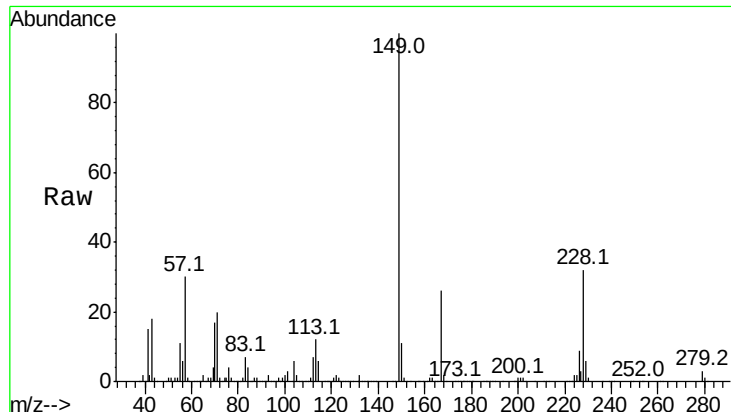
Tot Ion:252 Resp: 180102
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.4 75.6
 126 13.2 11.3 16.9



#82
 Chrysene
 Concen: 31.715 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:228 Resp: 680305
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 20.4 16.2 24.4

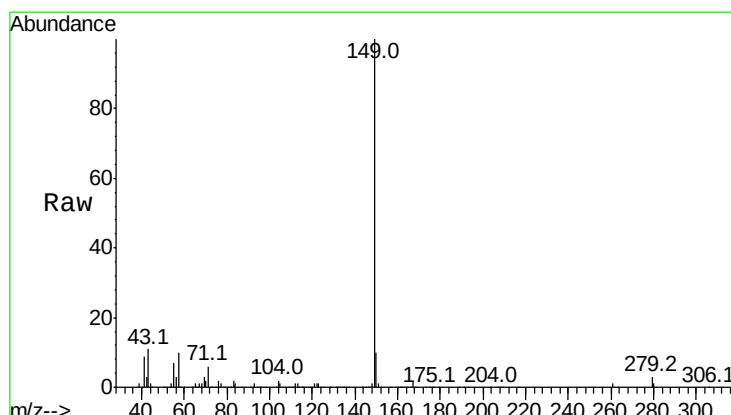
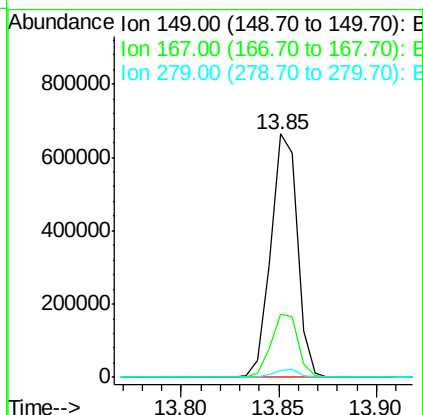
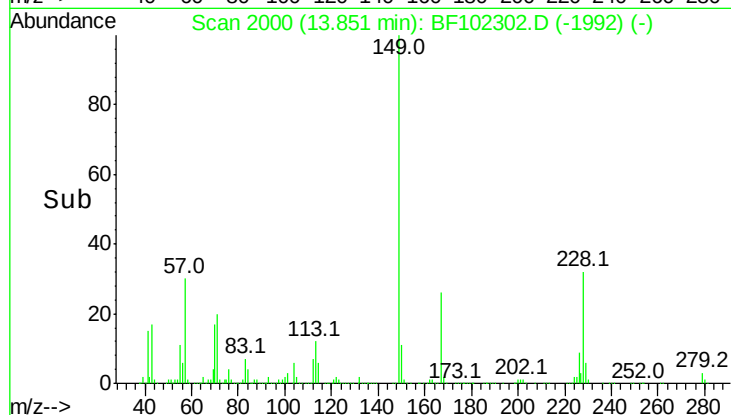




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.240 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

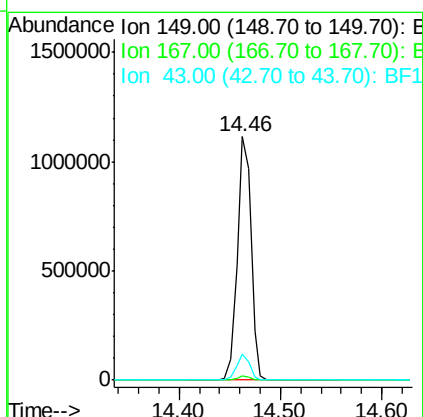
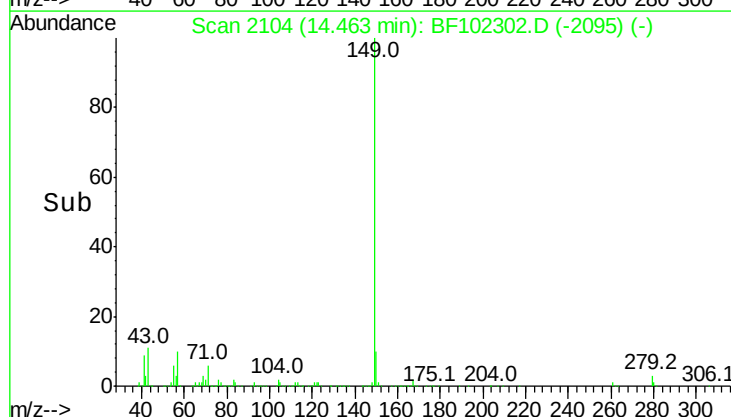
Instrument :
 BNA_F
 ClientSampled :

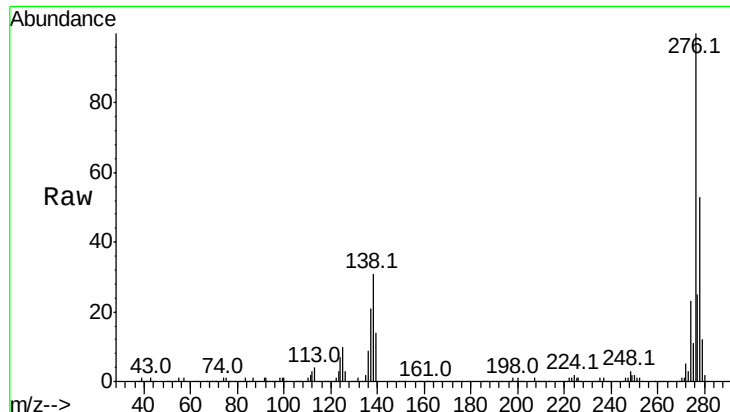
Tot Ion:149 Resp: 625187
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 36.384 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BF102302.D
 Acq: 22 Jan 2018 16:37

Tgt Ion:149 Resp: 1049731
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.1 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.530 ng

RT: 16.68 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampleId :

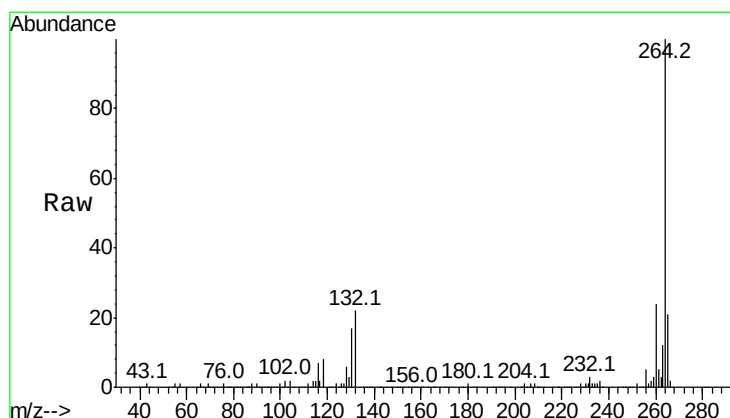
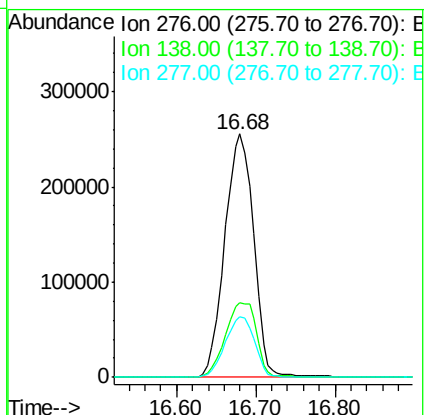
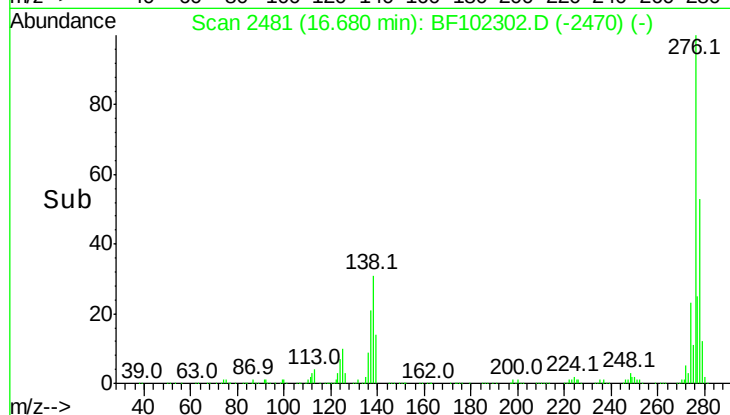
Tot Ion:276 Resp: 647141

Ion Ratio Lower Upper

276 100

138 33.1 25.0 37.6

277 25.4 20.1 30.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

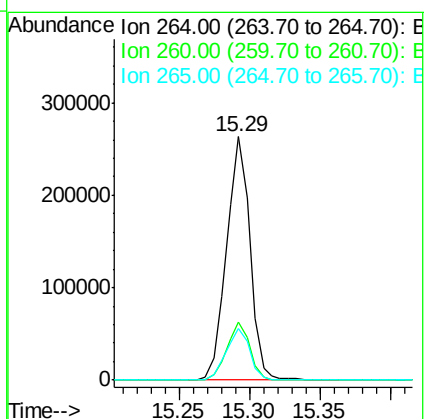
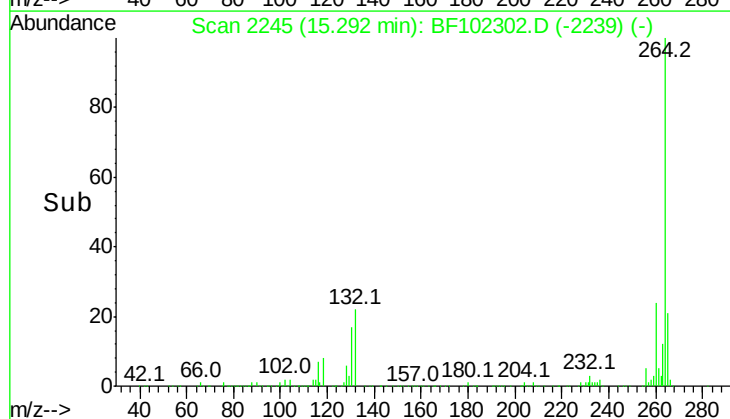
Tgt Ion:264 Resp: 303362

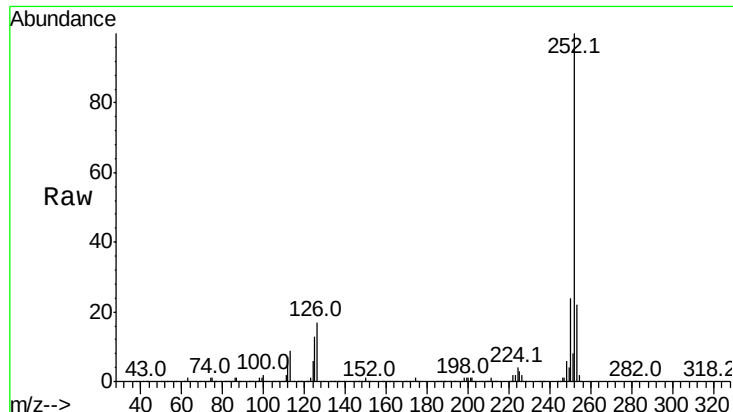
Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.4 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 34.848 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampleId :

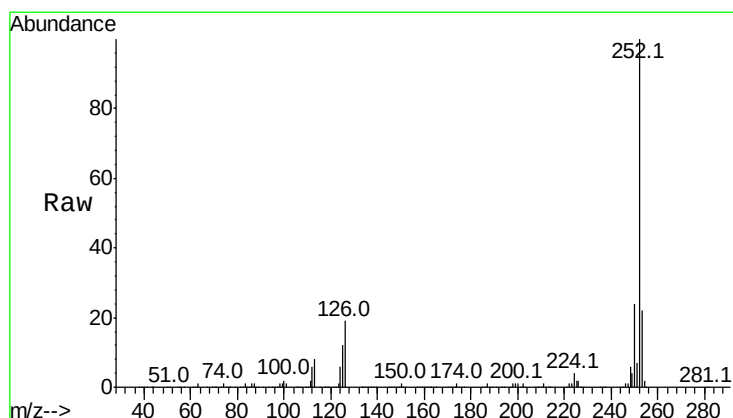
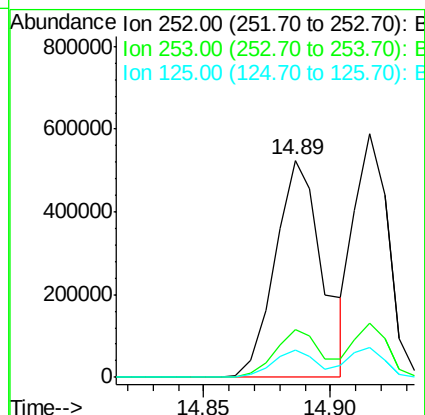
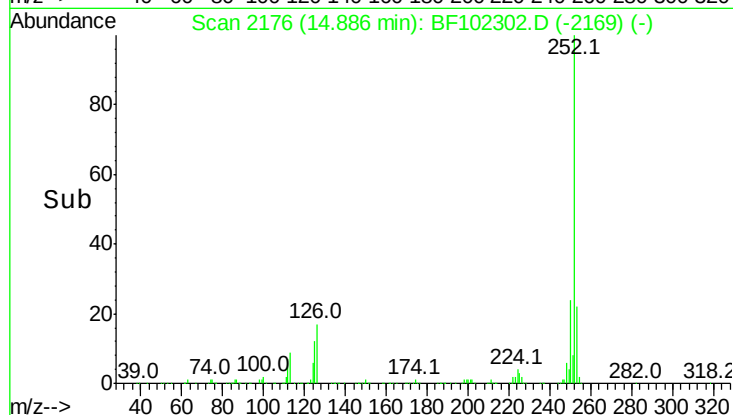
Tot Ion:252 Resp: 685201

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 12.6 9.0 13.6



#88

Benzo(k)fluoranthene

Concen: 29.600 ng

RT: 14.92 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

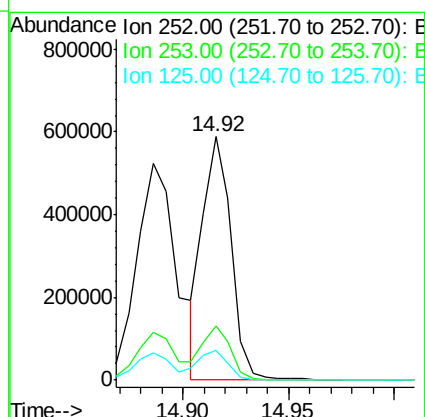
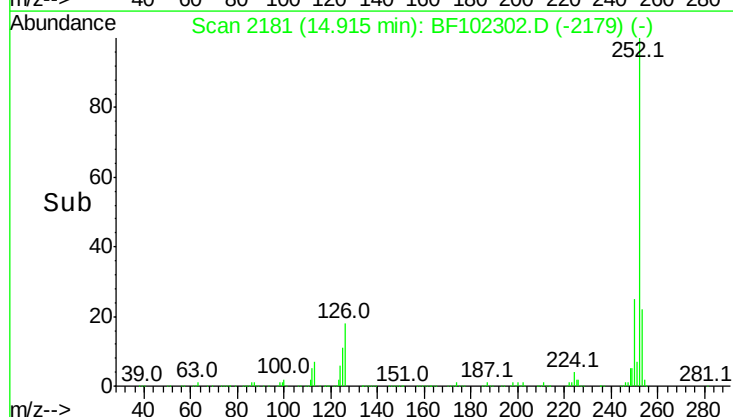
Tgt Ion:252 Resp: 549870

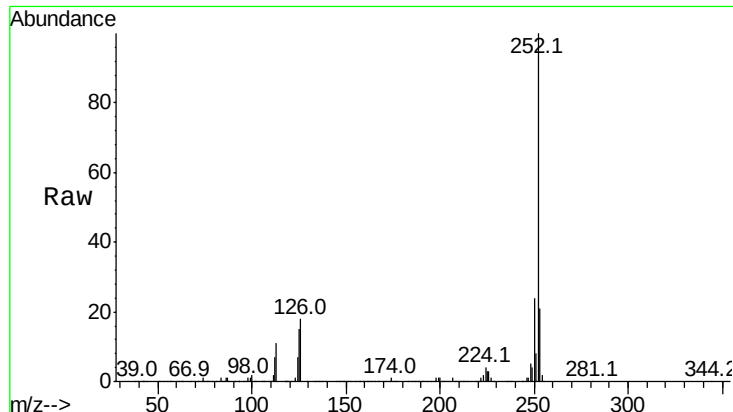
Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

125 12.0 10.2 15.2

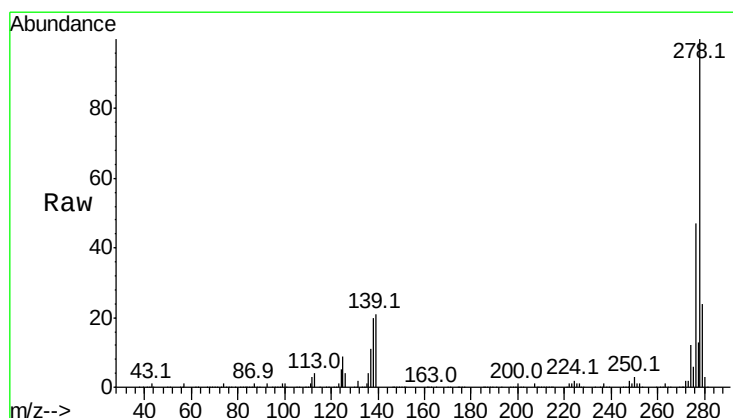
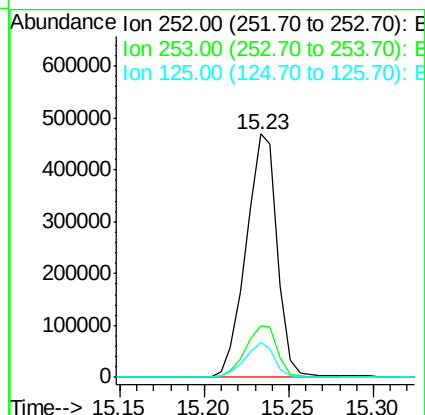
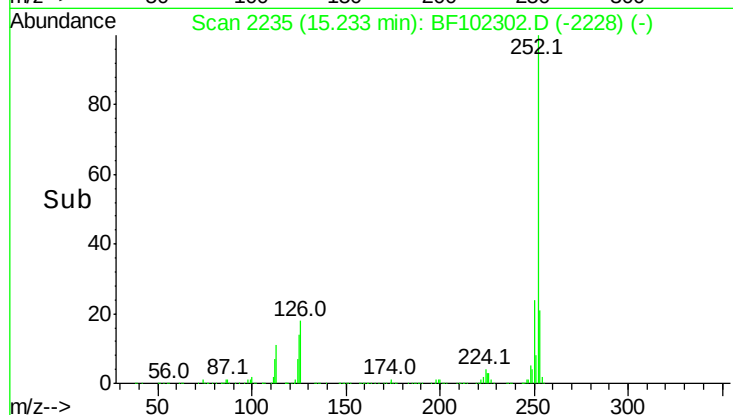




#89
Benzo(a)pyrene
Concen: 34.025 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

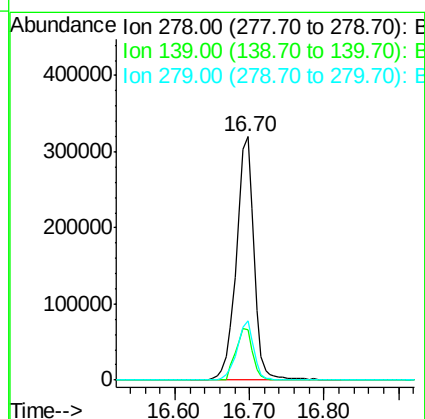
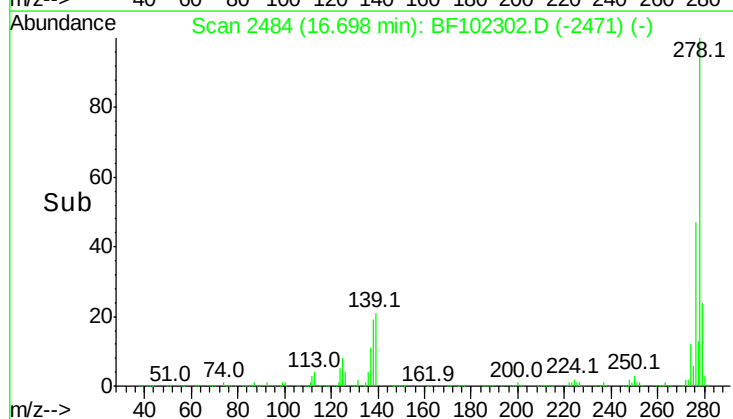
Instrument :
BNA_F
ClientSampleId :

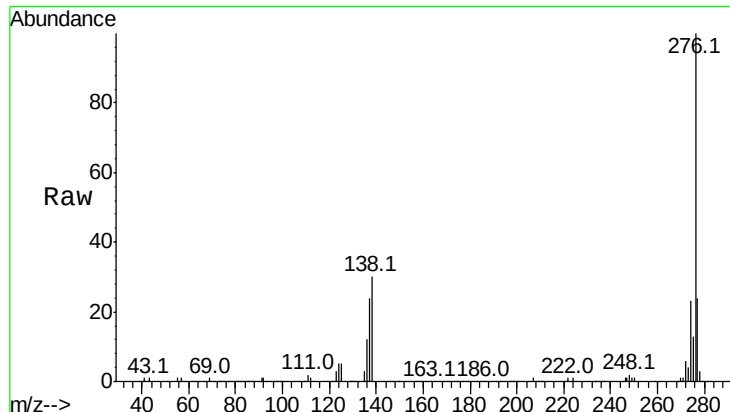
Tot Ion:252 Resp: 603372
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 14.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.970 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.00 min
Lab File: BF102302.D
Acq: 22 Jan 2018 16:37

Tgt Ion:278 Resp: 531063
Ion Ratio Lower Upper
278 100
139 20.7 15.9 23.9
279 24.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 38.548 ng

RT: 17.10 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BF102302.D

Acq: 22 Jan 2018 16:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 546748

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 29.8 21.8 32.8

