

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
 Data File : BF104453.D
 Acq On : 12 Apr 2018 16:15
 Operator : JU/SJ
 Sample : J2335-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 17:09:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 12 17:07:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134250	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	542165	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	232691	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	342197	20.00	ng	0.00
75) Chrysene-d12	14.00	240	232477	20.00	ng	0.00
86) Perylene-d12	15.46	264	218268	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1155233	131.58	ng	0.02
7) Phenol-d6	6.46	99	1426195	132.21	ng	0.01
23) Nitrobenzene-d5	7.38	82	887095	106.84	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	300806	124.62	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1344202	91.26	ng	0.00
78) Terphenyl-d14	12.94	244	910394	89.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	161757	39.539	ng	89
3) Pyridine	3.33	79	481536	41.864	ng	88
4) n-Nitrosodimethylamine	3.29	42	175097	43.548	ng	# 82
6) Aniline	6.47	93	369886	24.679	ng	# 38
8) 2-Chlorophenol	6.60	128	442921	47.796	ng	93
9) Benzaldehyde	6.36	77	222724	41.231	ng	96
10) Phenol	6.47	94	551648	48.195	ng	94
11) bis(2-Chloroethyl)ether	6.55	93	448013	49.049	ng	97
12) 1,3-Dichlorobenzene	6.75	146	469811	44.751	ng	97
13) 1,4-Dichlorobenzene	6.83	146	474694	45.360	ng	99
14) 1,2-Dichlorobenzene	6.99	146	432804	44.628	ng	98
15) Benzyl Alcohol	6.96	79	371934	45.394	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	546583	44.558	ng	90
17) 2-Methylphenol	7.07	107	367415	45.611	ng	96
18) Hexachloroethane	7.32	117	161452	43.270	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	301562	42.779	ng	93
20) 3+4-Methylphenols	7.22	107	425086	42.549	ng	# 71
22) Acetophenone	7.23	105	581681	43.579	ng	96
24) Nitrobenzene	7.40	77	460066	50.187	ng	99
25) Isophorone	7.64	82	761523	43.373	ng	99
26) 2-Nitrophenol	7.72	139	248106	66.482	ng	92
27) 2,4-Dimethylphenol	7.75	122	355837	45.922	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	522527	48.675	ng	99
29) 2,4-Dichlorophenol	7.96	162	361148	48.847	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	375504	46.278	ng	99
31) Naphthalene	8.12	128	1175710	43.550	ng	99
32) Benzoic acid	7.85	122	74443	12.041	ng	98
33) 4-Chloroaniline	8.17	127	177051	15.308	ng	97
34) Hexachlorobutadiene	8.23	225	208486	46.910	ng	99
35) Caprolactam	8.58	113	28622	11.097	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	391306	49.359	ng	99
37) 2-Methylnaphthalene	8.81	142	739646	42.355	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	328373	49.298	ng	99
40) Hexachlorocyclopentadiene	8.96	237	143046	38.360	ng	99

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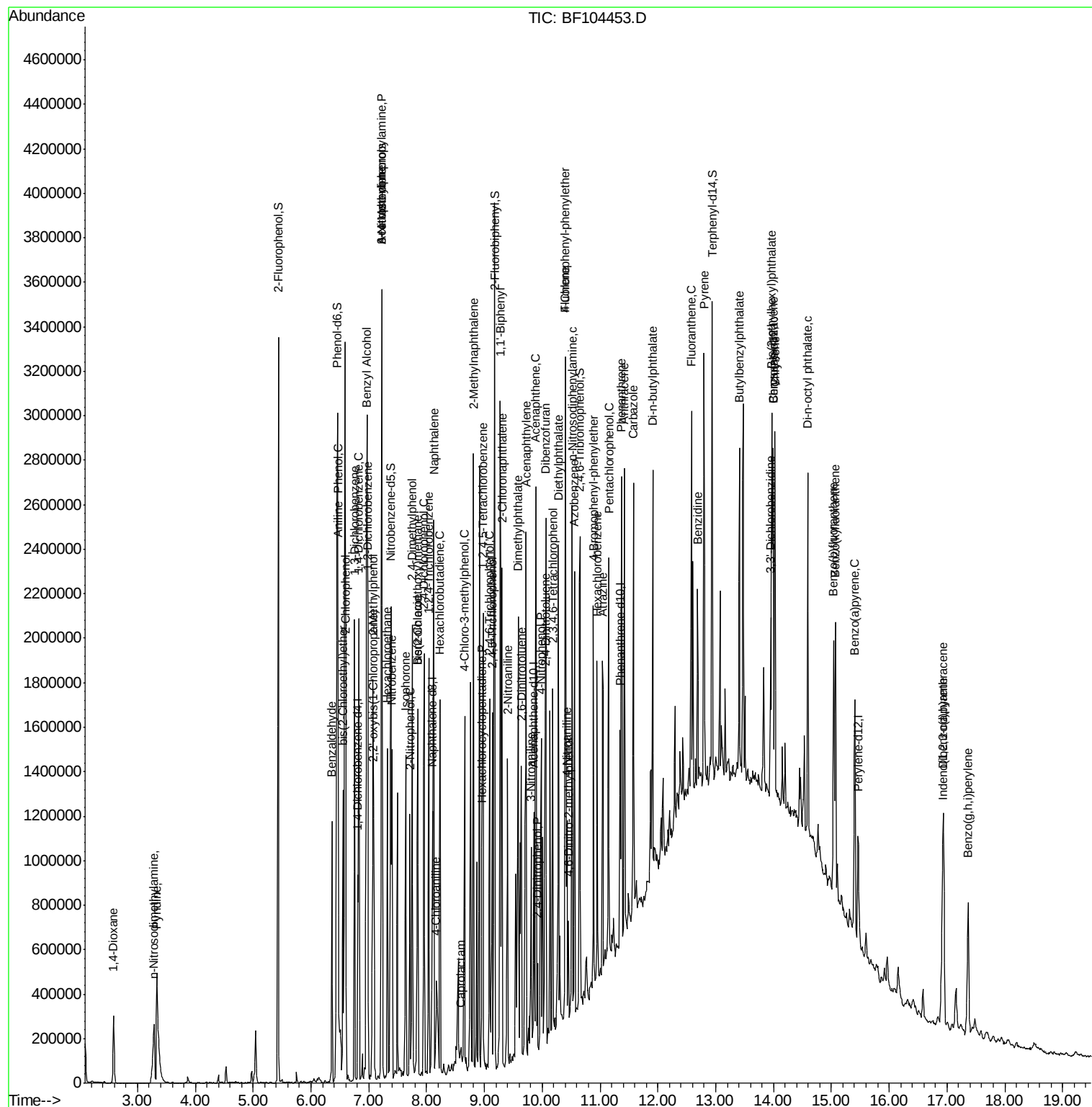
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42) 2,4,6-Trichlorophenol	9.09	196	247134	53.447	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	252657	48.829	nq	96
45) 1,1'-Biphenyl	9.27	154	935162	47.840	nq	99
46) 2-Chloronaphthalene	9.30	162	738751	47.846	nq	99
47) 2-Nitroaniline	9.40	65	231791	60.704	nq	97
48) Acenaphthylene	9.72	152	1055880	43.586	nq	100
49) Dimethylphthalate	9.58	163	963072	52.485	nq	99
50) 2,6-Dinitrotoluene	9.65	165	191615	56.434	nq	# 87
51) Acenaphthene	9.89	154	644662	43.615	nq	100
52) 3-Nitroaniline	9.81	138	136574	34.358	nq	97
53) 2,4-Dinitrophenol	9.92	184	50707	46.104	nq	# 18
54) Dibenzofuran	10.06	168	933057	45.298	nq	99
55) 4-Nitrophenol	9.98	139	304469	97.509	nq	92
56) 2,4-Dinitrotoluene	10.05	165	235076	52.782	nq	99
57) Fluorene	10.40	166	637692	42.533	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	178332	46.197	nq	96
59) Diethylphthalate	10.28	149	805569	44.081	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	330308	49.469	nq	97
61) 4-Nitroaniline	10.43	138	169800	43.688	nq	98
62) Azobenzene	10.56	77	732506	41.955	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	60244	37.963	nq	# 74
65) n-Nitrosodiphenylamine	10.52	169	646036	54.450	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	201619	55.392	nq	96
67) Hexachlorobenzene	10.95	284	209350	51.115	nq	96
68) Atrazine	11.05	200	190675	53.241	nq	98
69) Pentachlorophenol	11.15	266	214769	84.763	nq	96
70) Phenanthrene	11.37	178	852618	44.741	nq	99
71) Anthracene	11.42	178	837522	43.235	nq	99
72) Carbazole	11.58	167	828393	43.763	nq	99
73) Di-n-butylphthalate	11.91	149	1026514	44.393	nq	99
74) Fluoranthene	12.58	202	787463	39.550	nq	97
76) Benzidine	12.69	184	331762	42.984	nq	97
77) Pyrene	12.80	202	776305	45.050	nq	100
79) Butylbenzylphthalate	13.41	149	371778	45.795	nq	98
80) Benzo(a)anthracene	13.99	228	670662	48.289	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	181459	35.042	nq	98
82) Chrysene	14.03	228	654011	45.846	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	505367	48.397	nq	99
84) Di-n-octyl phthalate	14.59	149	852792	48.877	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	592796	48.917	nq	97
87) Benzo(b)fluoranthene	15.04	252	646920	46.928	nq	96
88) Benzo(k)fluoranthene	15.07	252	552558	42.457	nq	98
89) Benzo(a)pyrene	15.40	252	566496	45.928	nq	97
90) Dibenzo(a,h)anthracene	16.94	278	486564	48.030	nq	98
91) Benzo(g,h,i)perylene	17.37	276	477883	48.691	nq	95

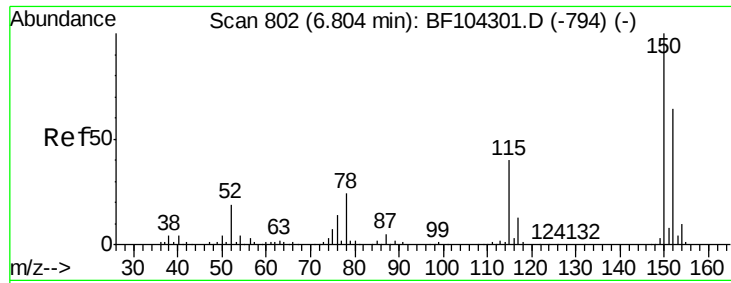
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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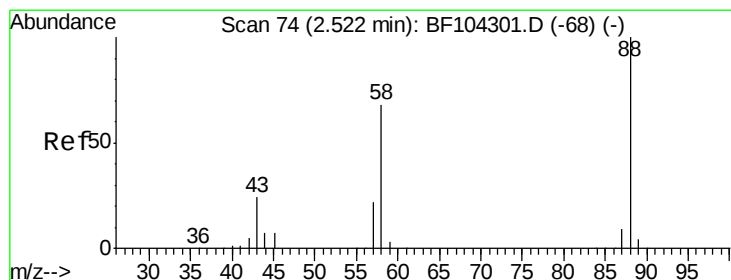
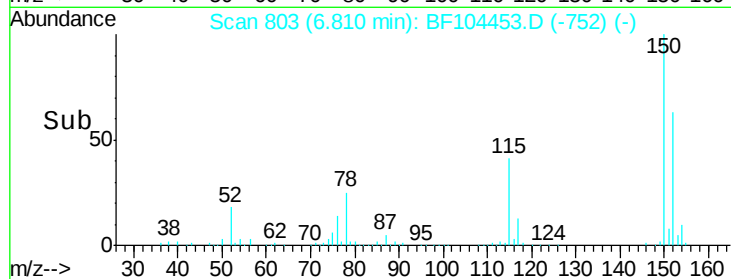
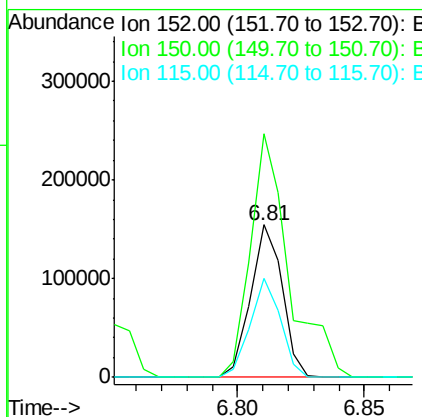
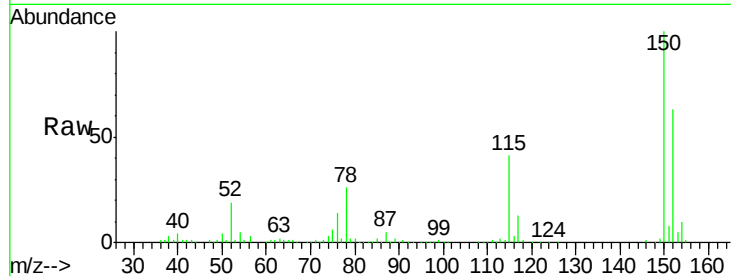


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :

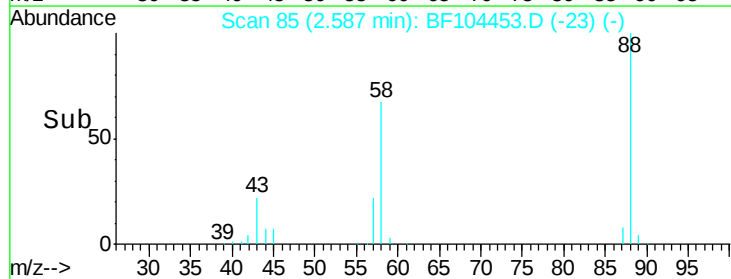
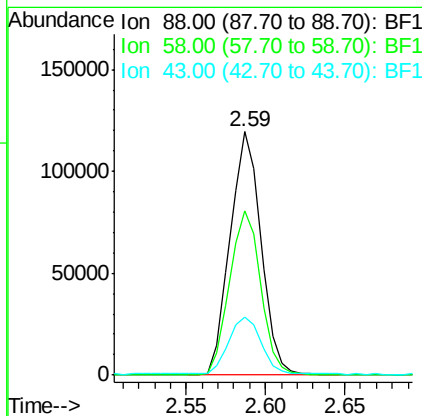
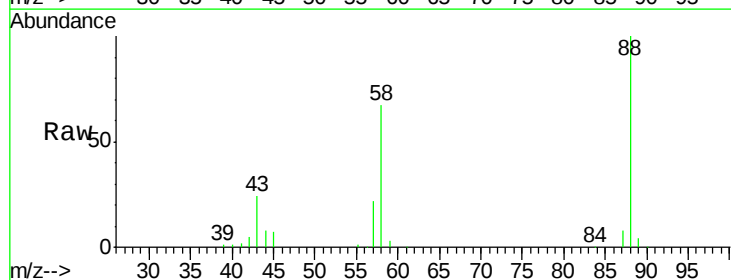
Tot Ion:152 Resp: 134250
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.6 186.8
 115 65.3 50.1 75.1

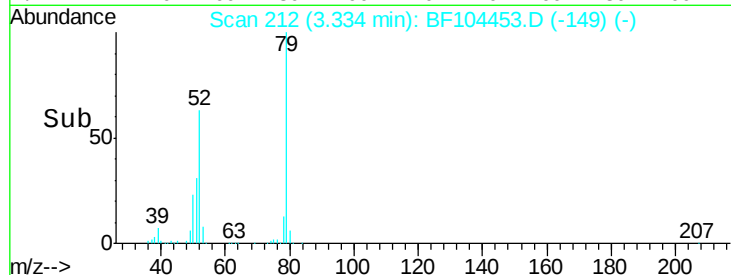
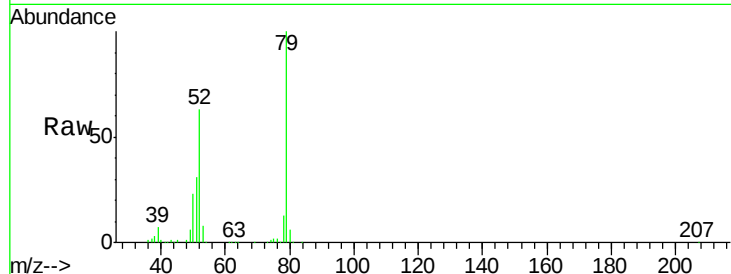
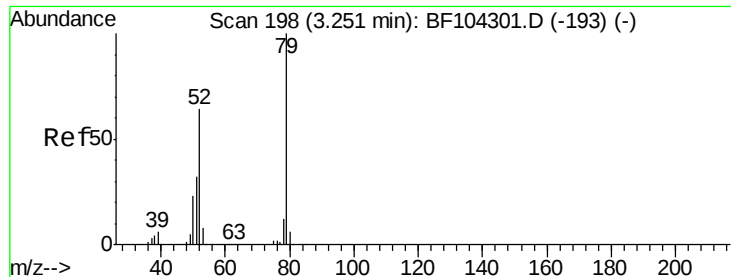


#2

1,4-Dioxane
 Concen: 39.539 ng
 RT: 2.59 min Scan# 85
 Delta R.T. 0.06 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion: 88 Resp: 161757
 Ion Ratio Lower Upper
 88 100
 58 68.1 62.6 93.8
 43 25.1 24.6 37.0

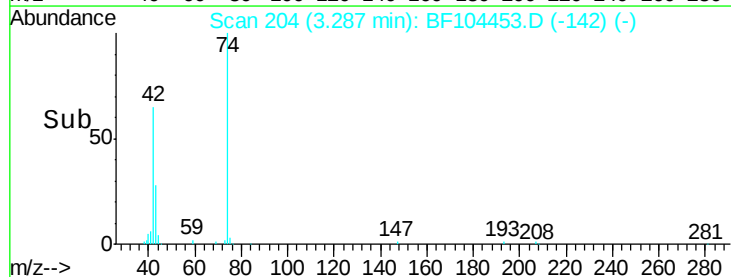
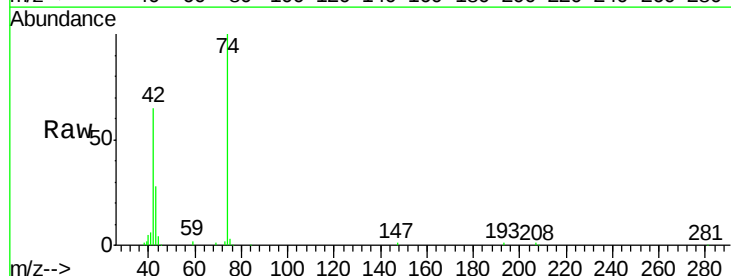
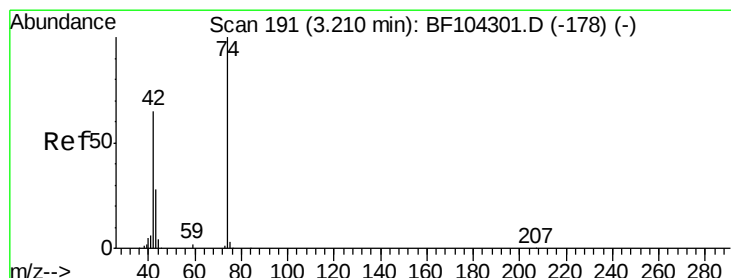
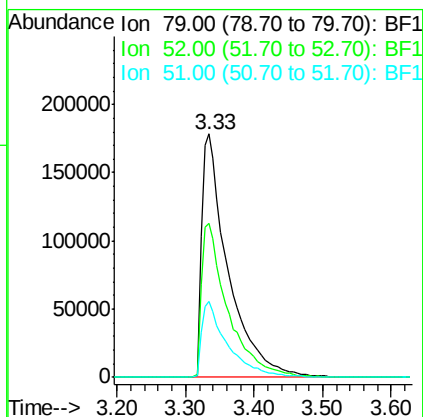




#3
Pvridine
Concen: 41.864 ng
RT: 3.33 min Scan# 212
Delta R.T. 0.07 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

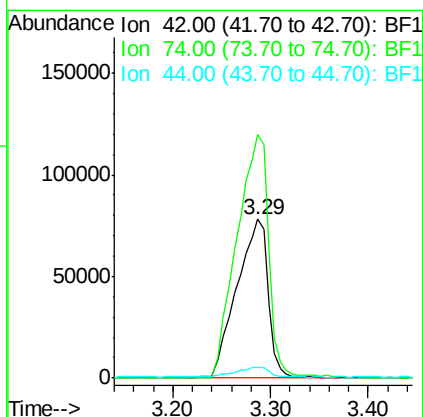
Instrument :
BNA_F
ClientSampleId :

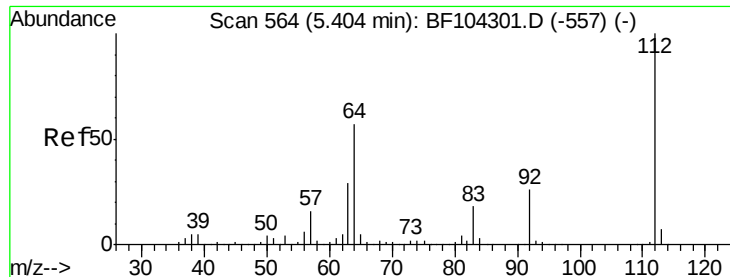
Tot Ion	Ratio	Lower	Upper
79	100		
52	63.4	59.8	89.6
51	31.0	29.8	44.8



#4
n-Nitrosodimethylamine
Concen: 43.548 ng
RT: 3.29 min Scan# 204
Delta R.T. 0.06 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.4	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 131.577 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :

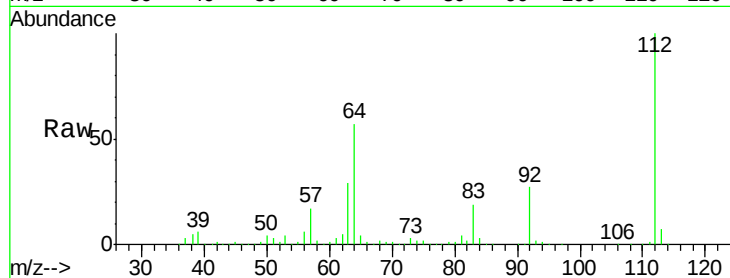
Tot Ion: 112 Resp: 1155233

Ion Ratio Lower Upper

112 100

64 57.1 47.9 71.9

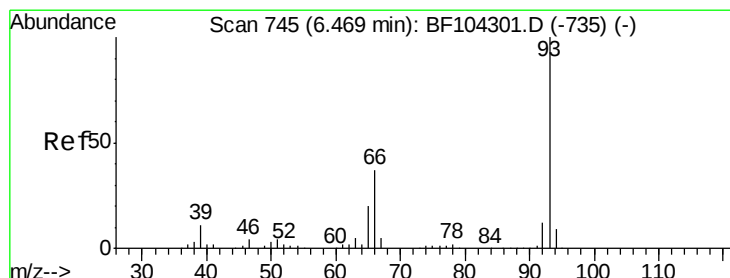
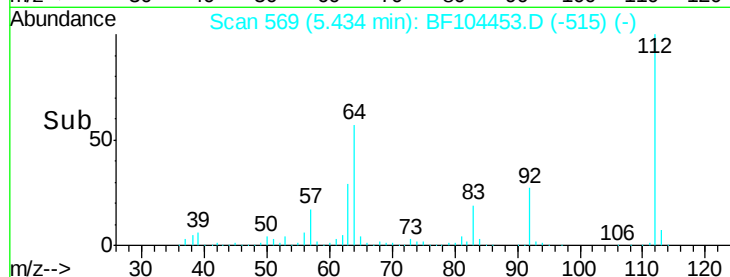
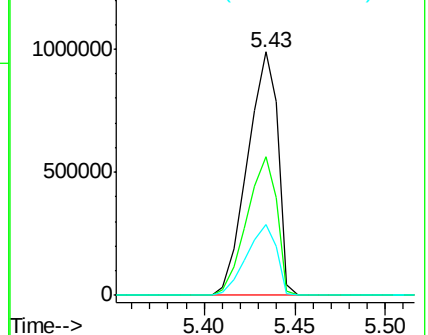
63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.679 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

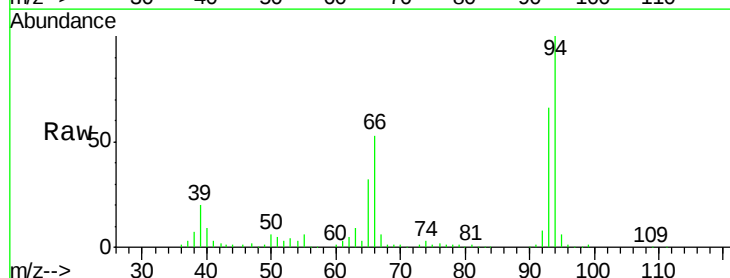
Tgt Ion: 93 Resp: 369886

Ion Ratio Lower Upper

93 100

66 79.5 32.2 48.2#

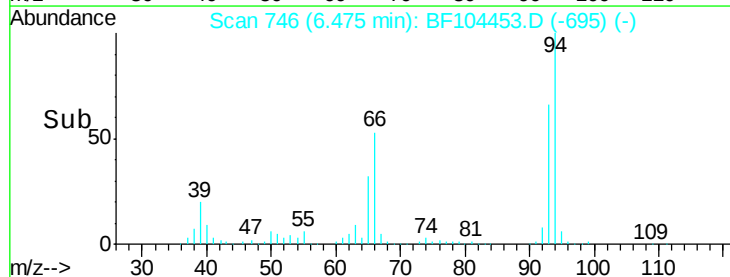
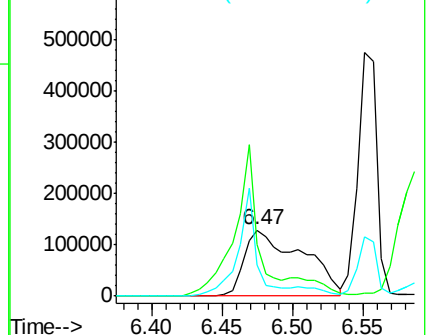
65 48.1 16.4 24.6#

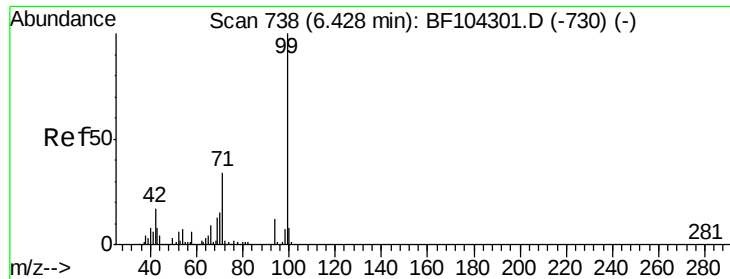


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.206 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

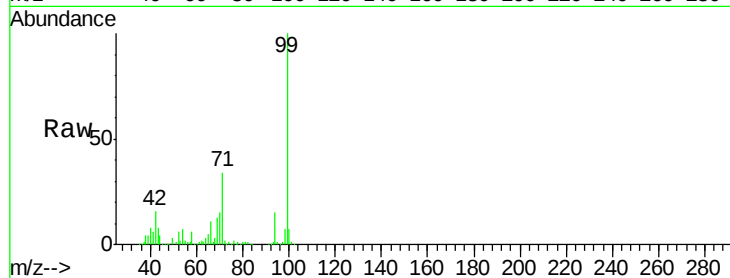
Tot Ion: 99 Resp: 1426195

Ion Ratio Lower Upper

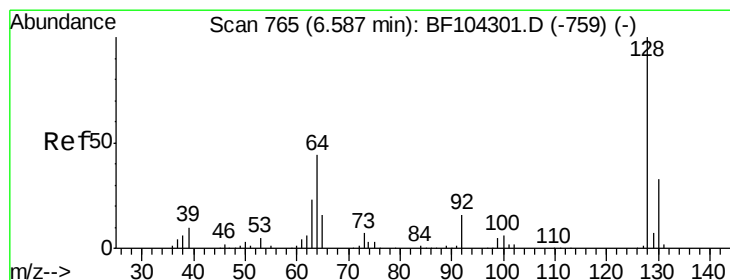
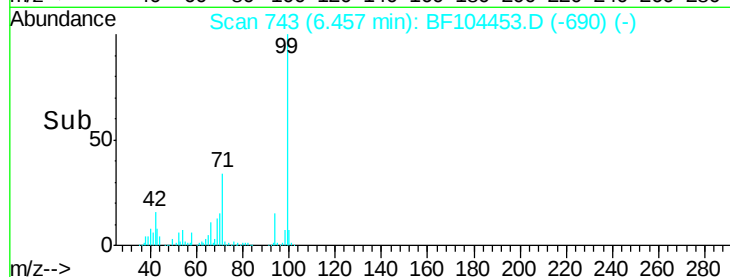
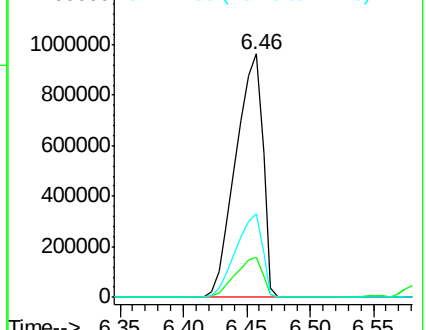
99 100

42 16.5 14.5 21.7

71 34.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 47.796 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

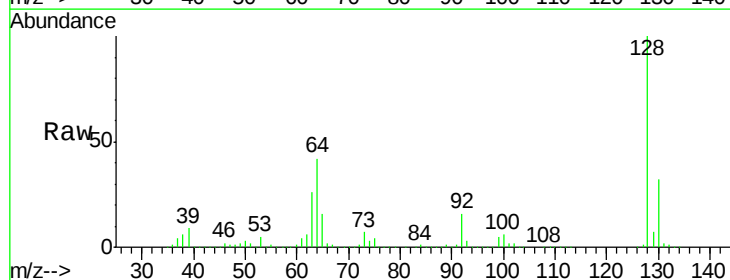
Tgt Ion: 128 Resp: 442921

Ion Ratio Lower Upper

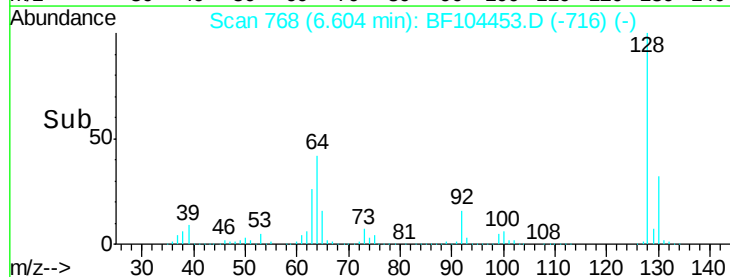
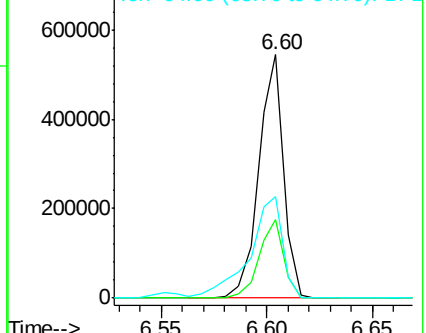
128 100

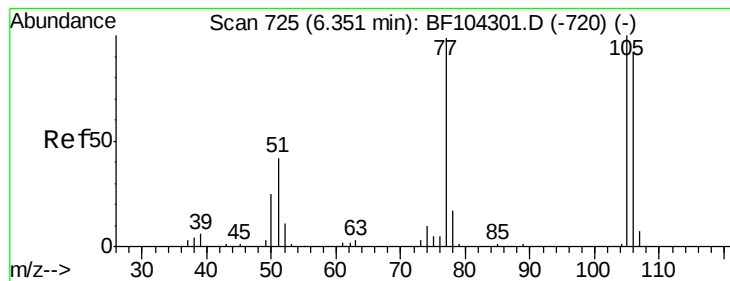
130 32.3 13.0 53.0

64 41.8 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: 41.231 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampled :

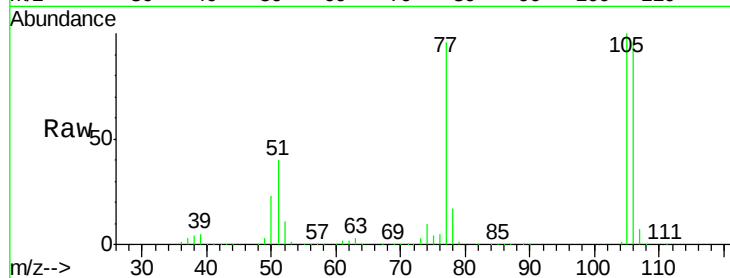
Tot Ion: 77 Resp: 222724

Ion Ratio Lower Upper

77 100

105 103.7 81.1 121.1

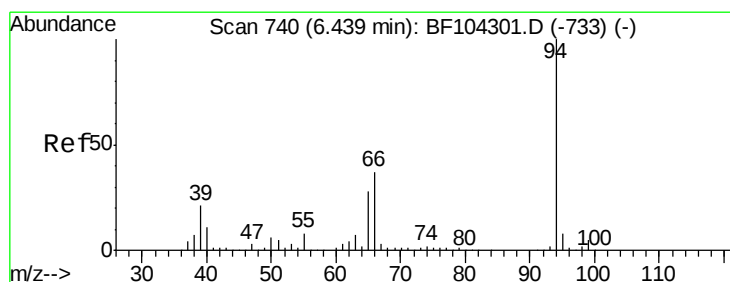
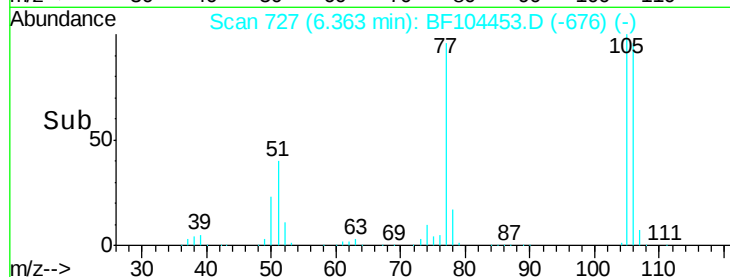
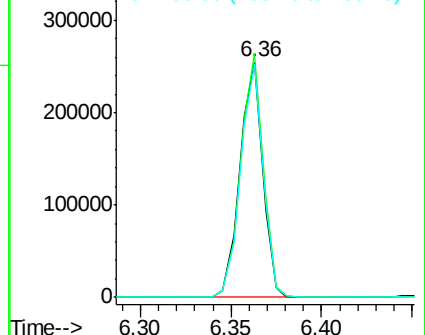
106 99.2 74.5 114.5



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: 48.195 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

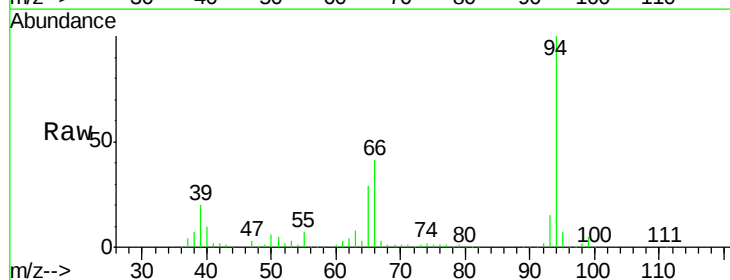
Tgt Ion: 94 Resp: 551648

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

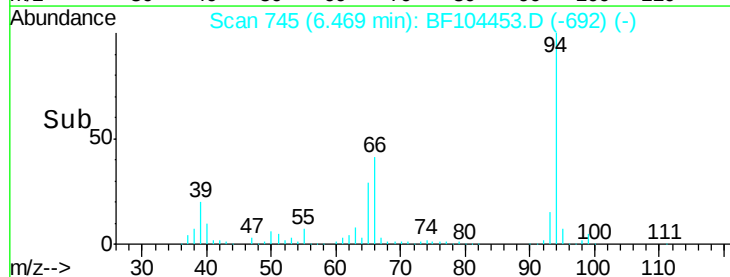
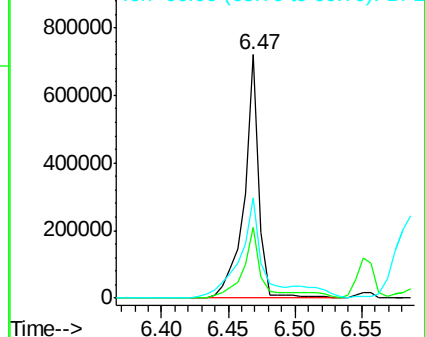
66 41.0 16.2 56.2

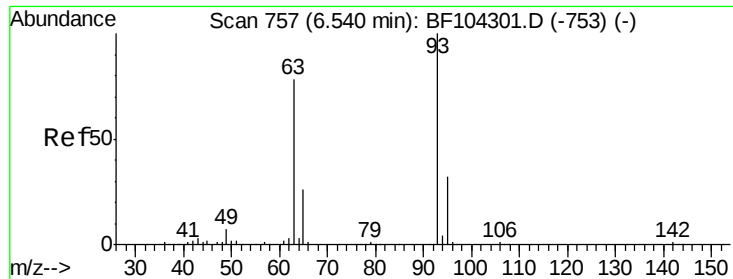


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

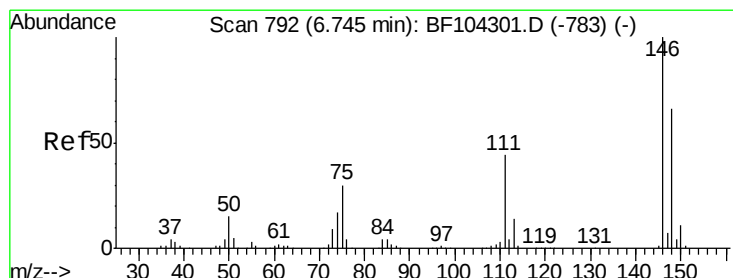
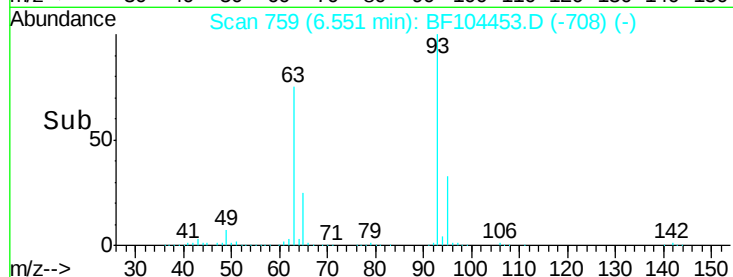
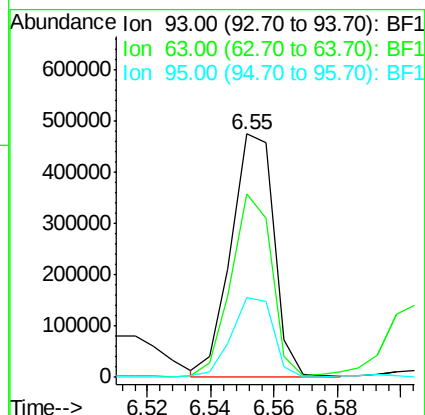
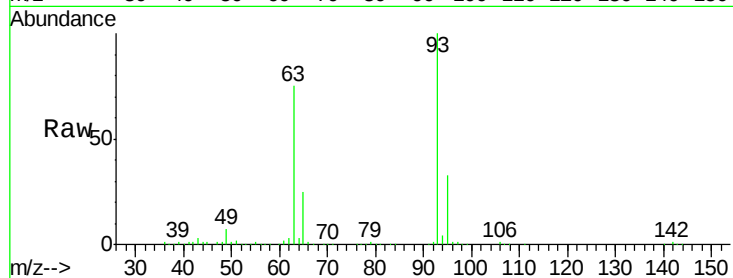




#11
 bis(2-Chloroethyl)ether
 Concen: 49.049 ng
 RT: 6.55 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

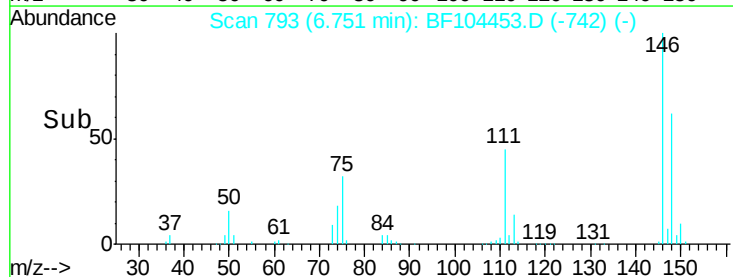
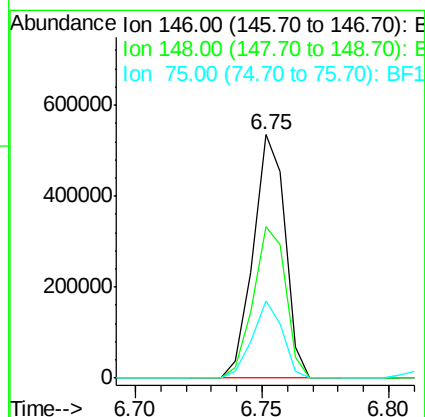
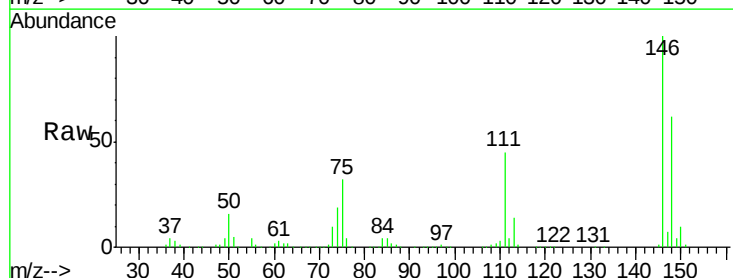
Instrument :
 BNA_F
 ClientSampleId :

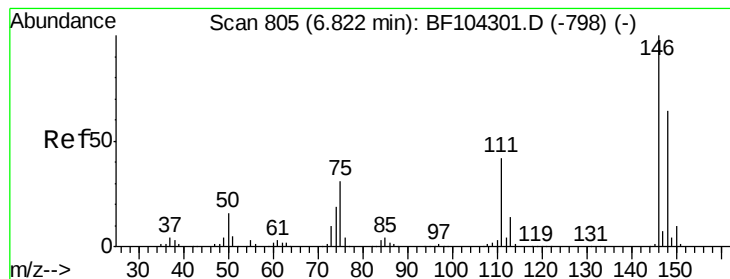
Tot Ion: 93 Resp: 448013
 Ion Ratio Lower Upper
 93 100
 63 75.2 58.6 98.6
 95 32.6 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 44.751 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion: 146 Resp: 469811
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.8 77.8
 75 31.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 45.360 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

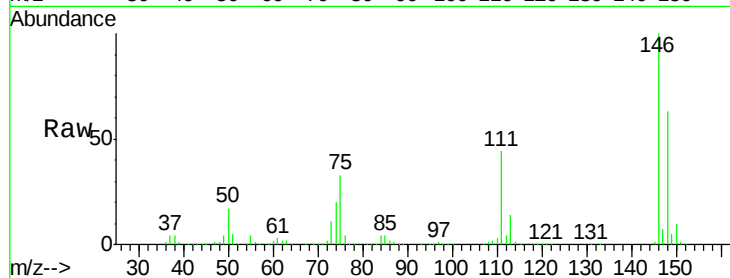
Tot Ion:146 Resp: 474694

Ion Ratio Lower Upper

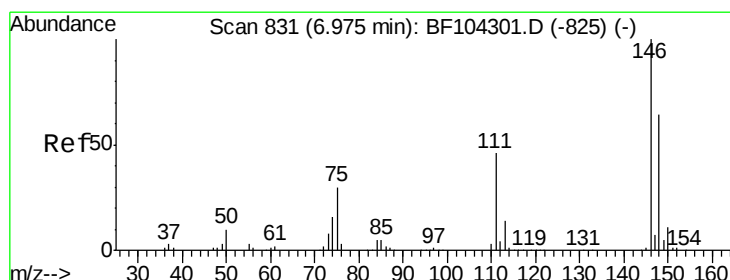
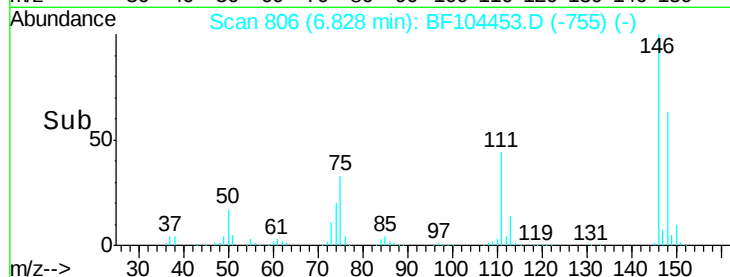
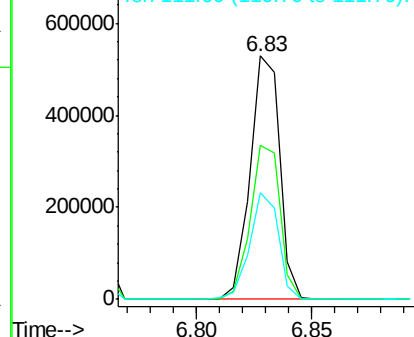
146 100

148 63.3 50.8 76.2

111 44.0 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 44.628 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

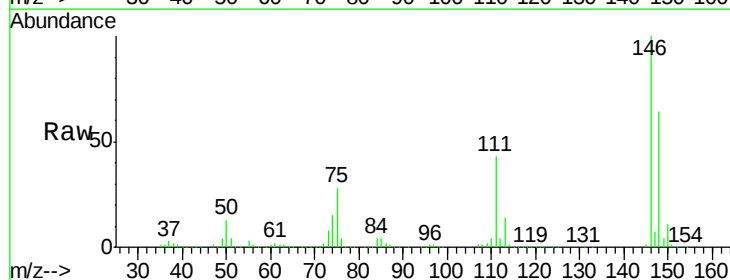
Tgt Ion:146 Resp: 432804

Ion Ratio Lower Upper

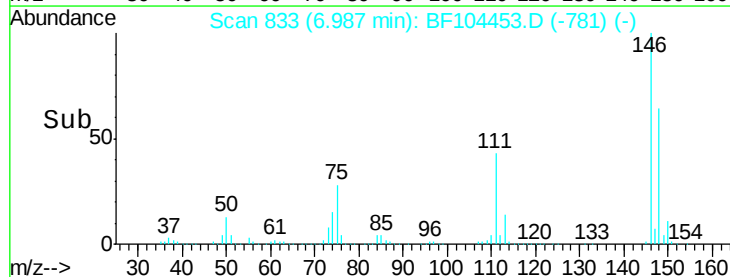
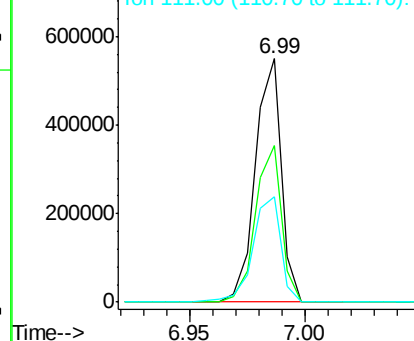
146 100

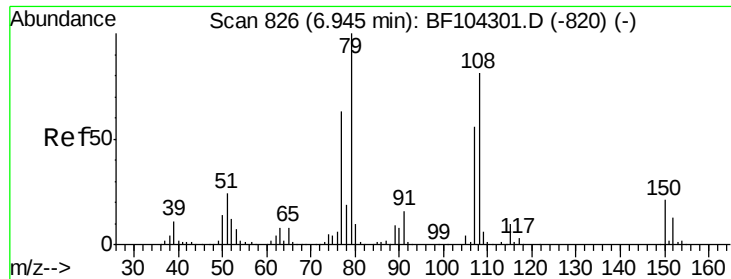
148 64.2 50.6 75.8

111 43.2 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 45.394 ng

RT: 6.96 min Scan# 828

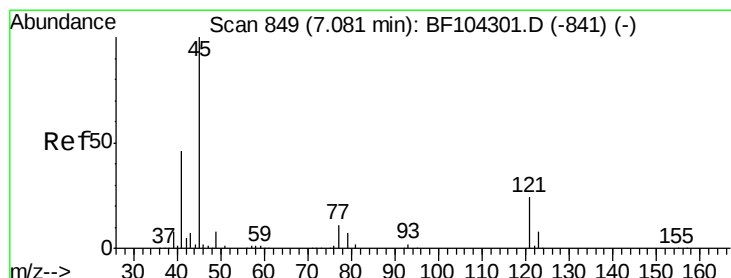
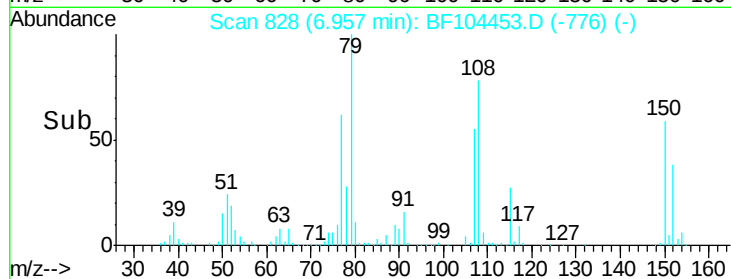
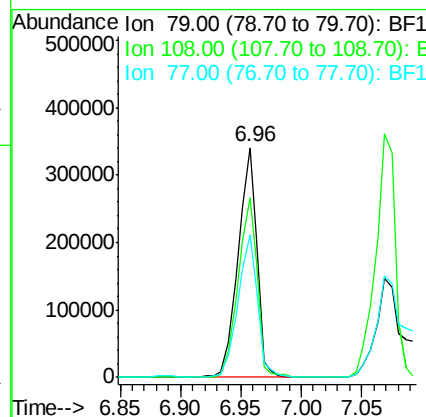
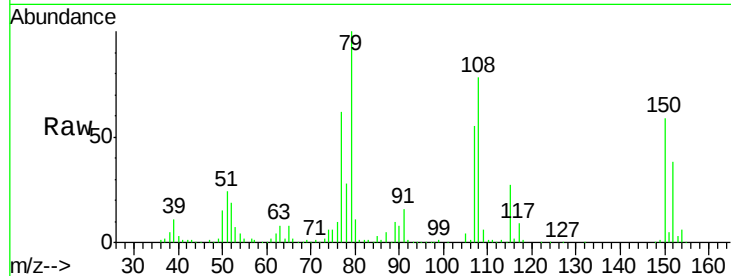
Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 371934
Ion Ratio Lower Upper
79 100
108 78.3 65.1 97.7
77 61.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.558 ng

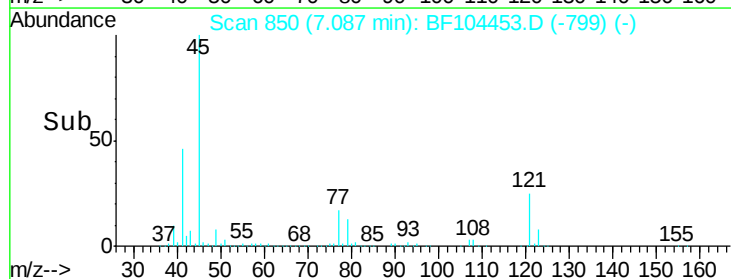
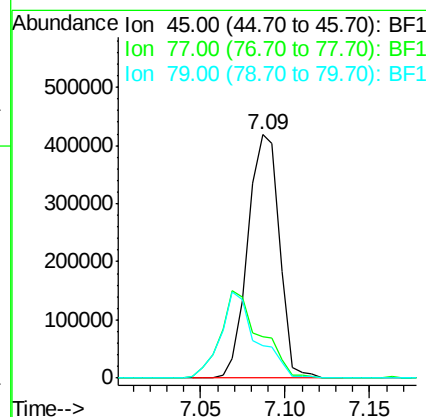
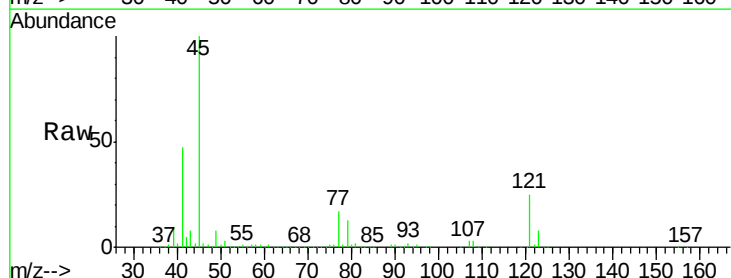
RT: 7.09 min Scan# 850

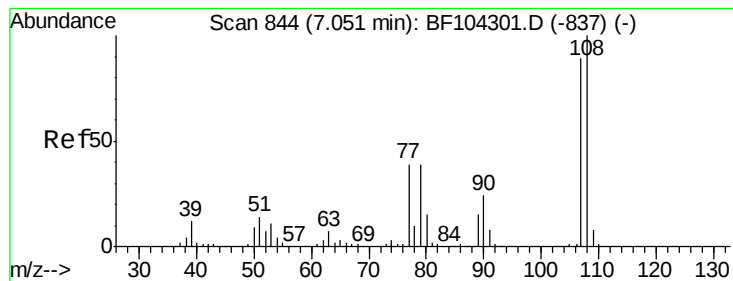
Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion: 45 Resp: 546583
Ion Ratio Lower Upper
45 100
77 17.2 0.0 32.9
79 13.2 0.0 29.6

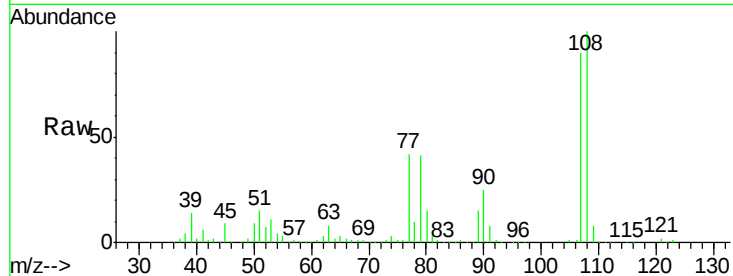




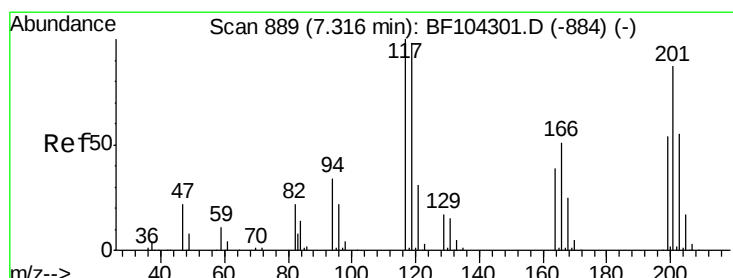
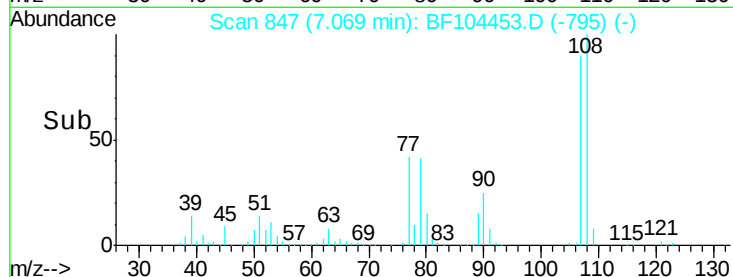
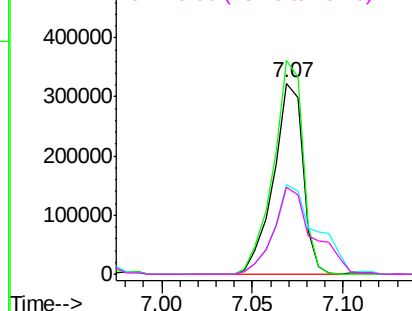
#17
2-Methylphenol
Concen: 45.611 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 367415
Ion Ratio Lower Upper
107 100
108 111.7 91.7 137.5
77 46.8 33.8 50.8
79 45.5 33.8 50.8

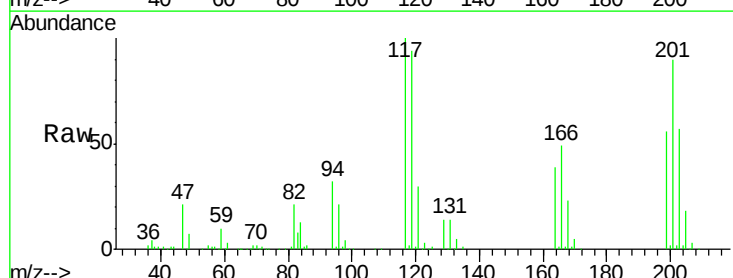


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

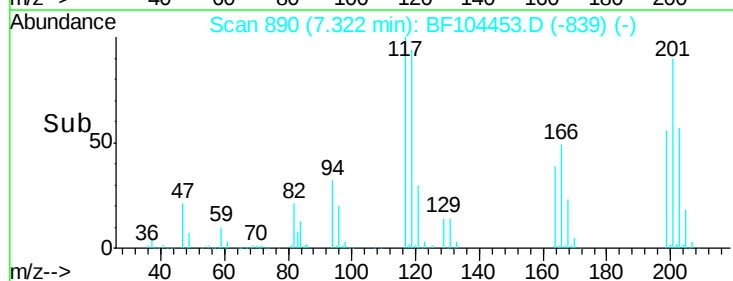
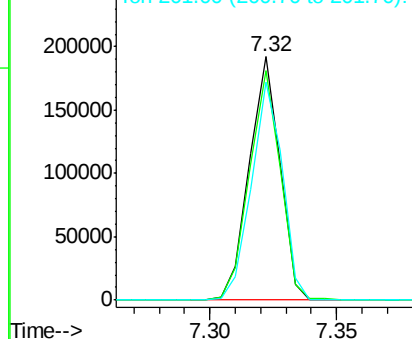


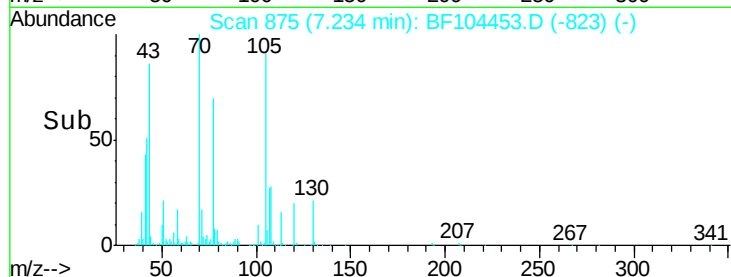
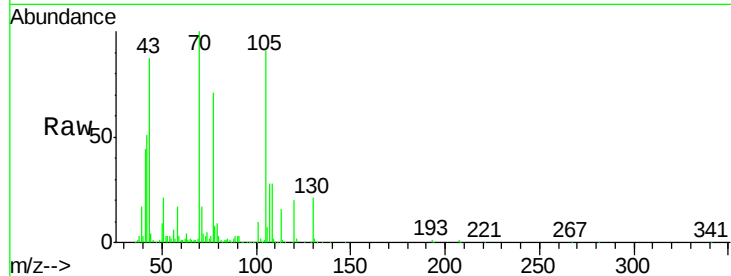
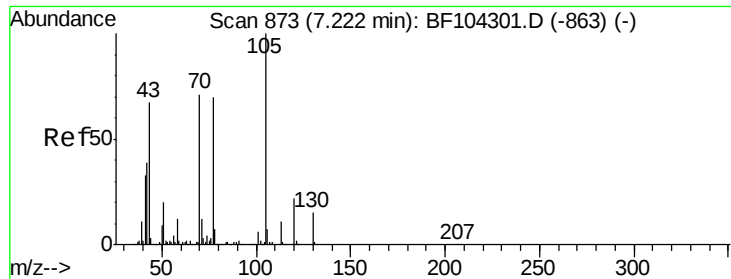
#18
Hexachloroethane
Concen: 43.270 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:117 Resp: 161452
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 89.7 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

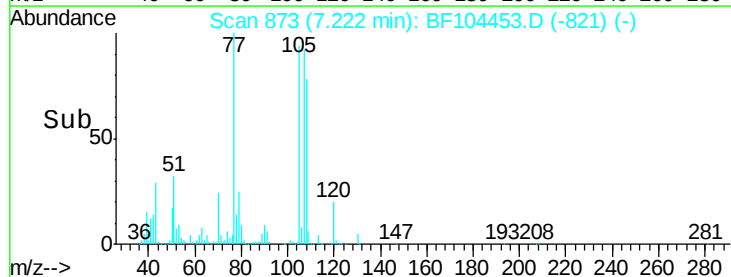
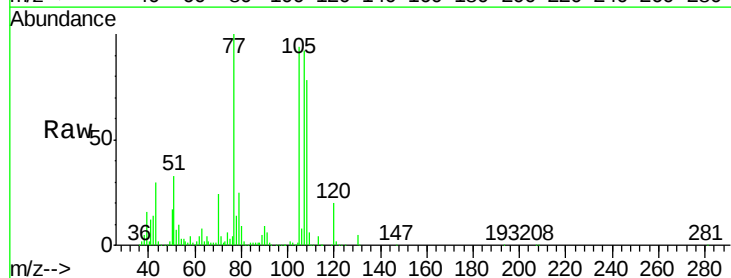
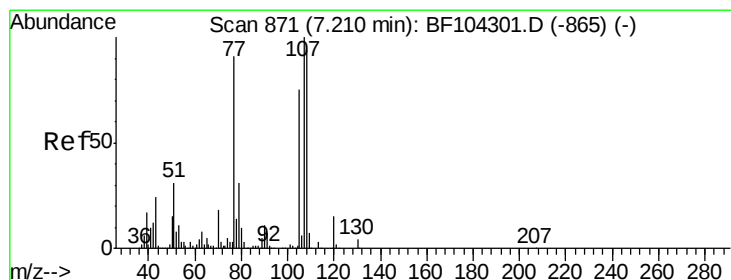
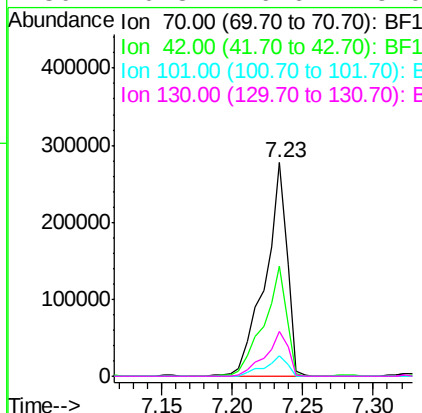




#19
n-Nitroso-di-n-propylamine
Concen: 42.779 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

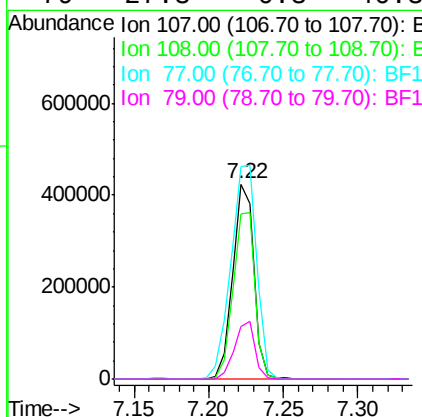
Instrument :
BNA_F
ClientSampleId :

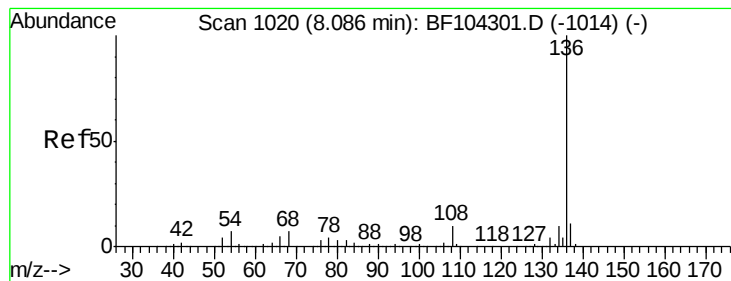
Tot Ion	70	Resp	301562
Ion	Ratio	Lower	Upper
70	100		
42	51.4	47.5	71.3
101	9.7	7.4	11.2
130	20.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 42.549 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion	107	Resp	425086
Ion	Ratio	Lower	Upper
107	100		
108	85.0	68.2	108.2
77	108.9	26.7	66.7#
79	27.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 542165

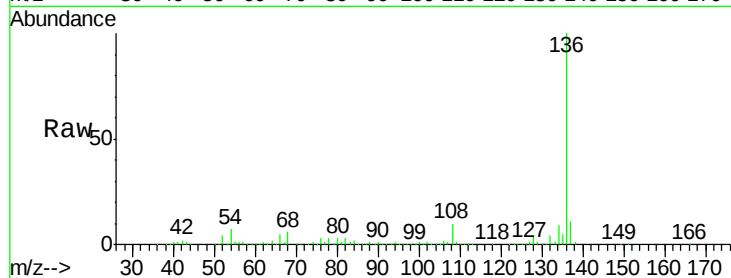
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

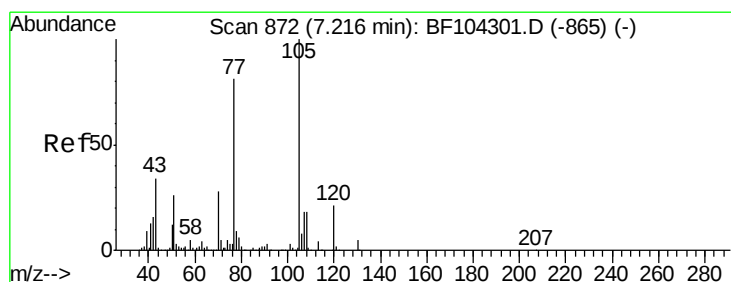
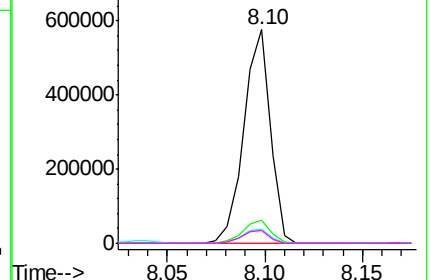
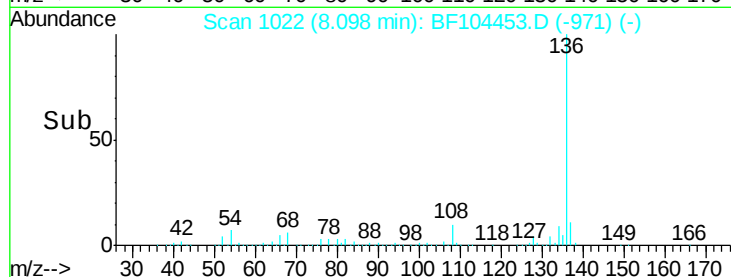


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 43.579 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:105 Resp: 581681

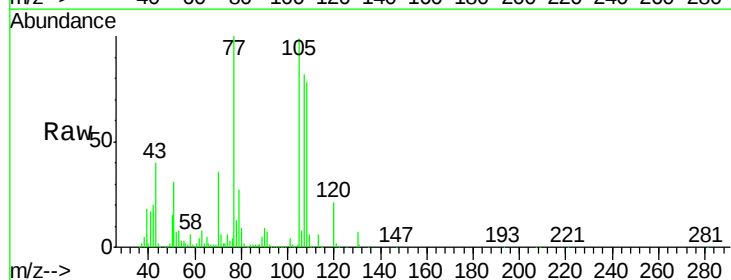
Ion Ratio Lower Upper

105 100

71 6.4 4.4 6.6

51 31.8 22.3 33.5

120 21.1 16.9 25.3

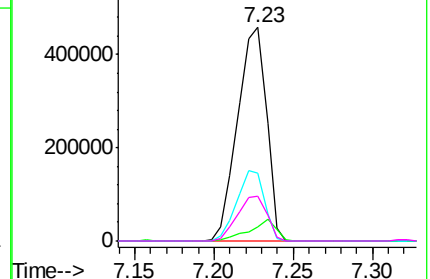
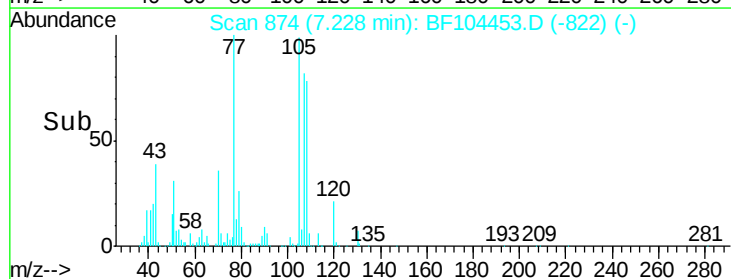


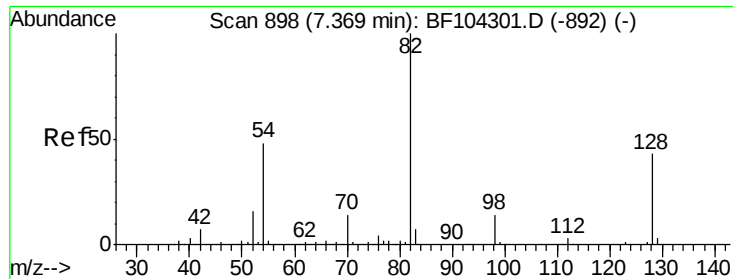
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

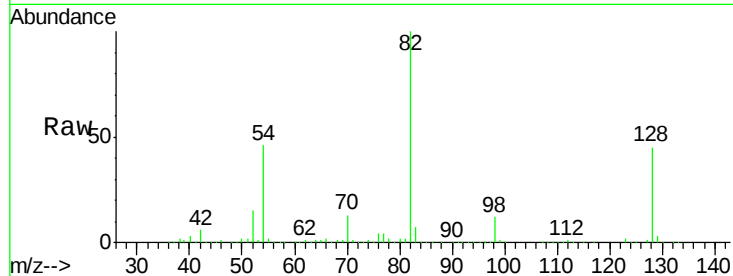




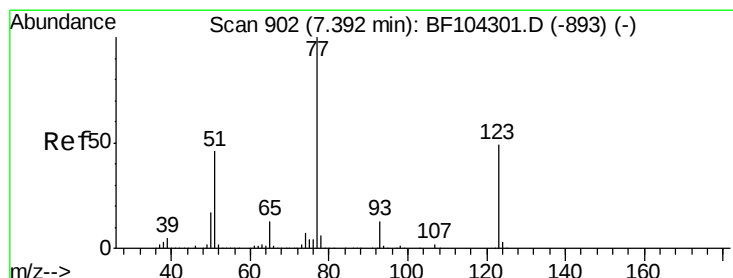
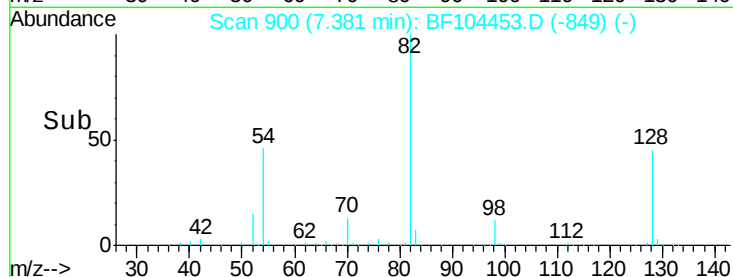
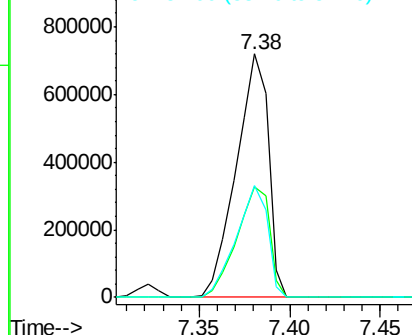
#23
 Nitrobenzene-d5
 Concen: 106.841 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 887095
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 46.0 41.4 62.2

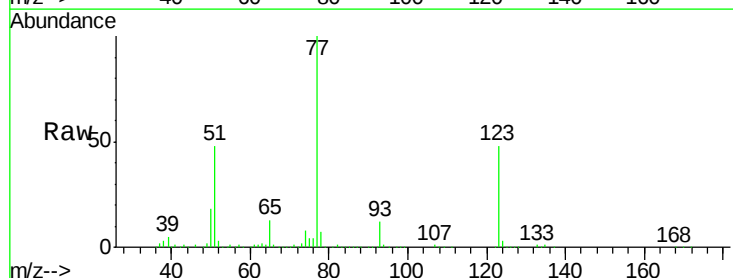


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

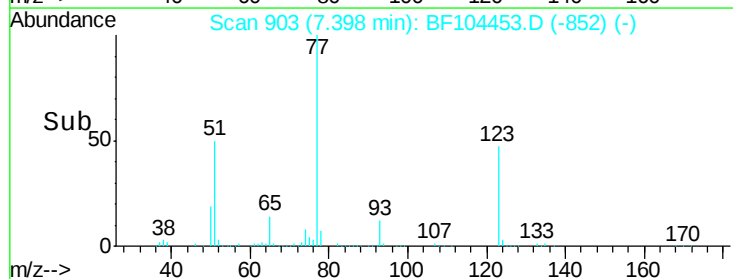
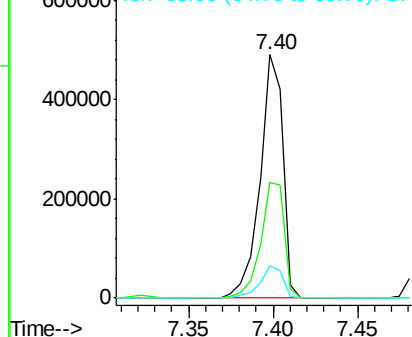


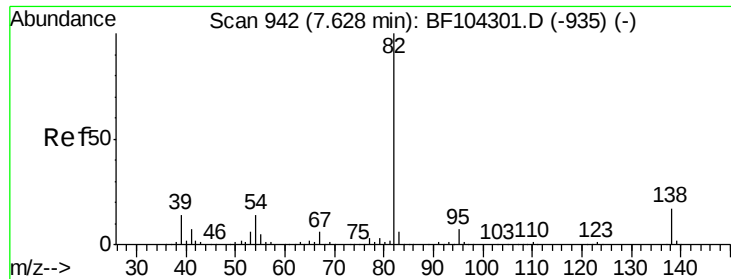
#24
 Nitrobenzene
 Concen: 50.187 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion: 77 Resp: 460066
 Ion Ratio Lower Upper
 77 100
 123 47.6 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: 43.373 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

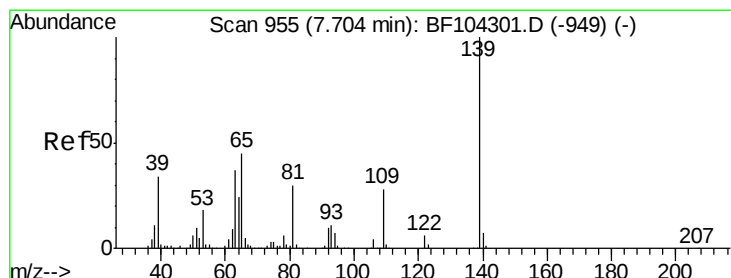
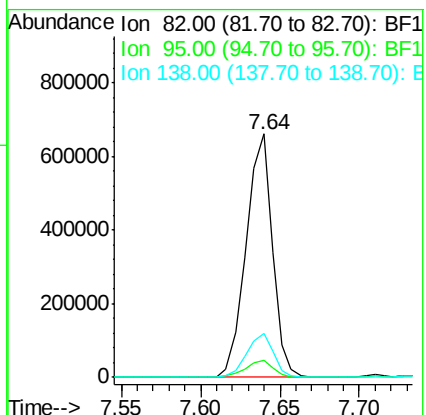
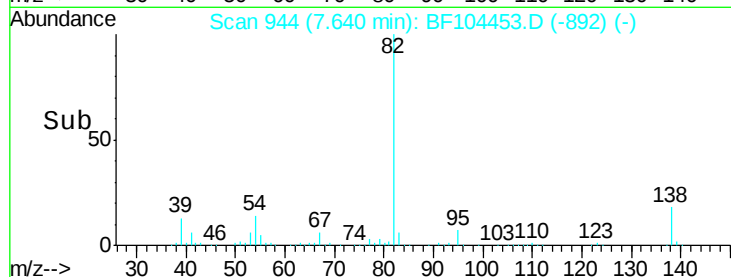
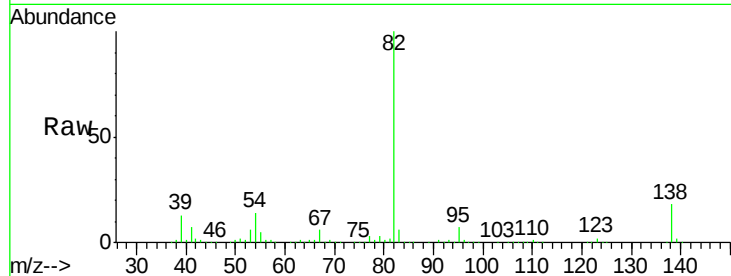
Tot Ion: 82 Resp: 761523

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.3 14.9 22.3



#26

2-Nitrophenol

Concen: 66.482 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

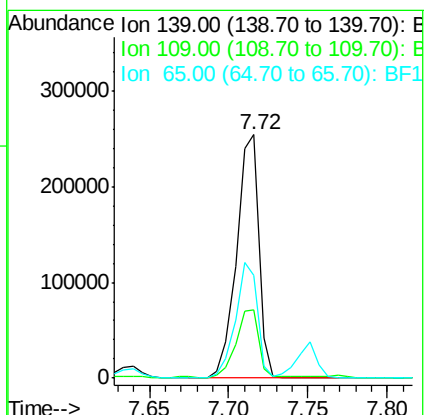
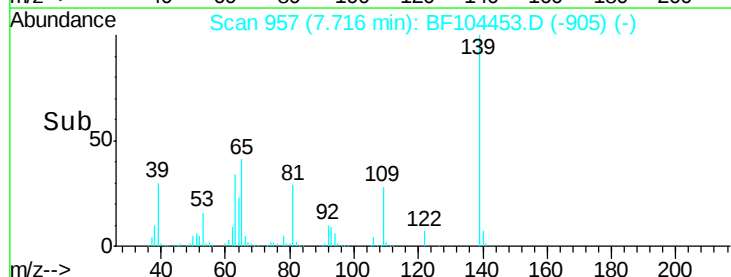
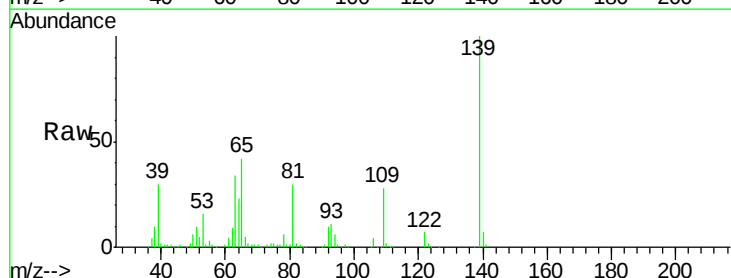
Tgt Ion: 139 Resp: 248106

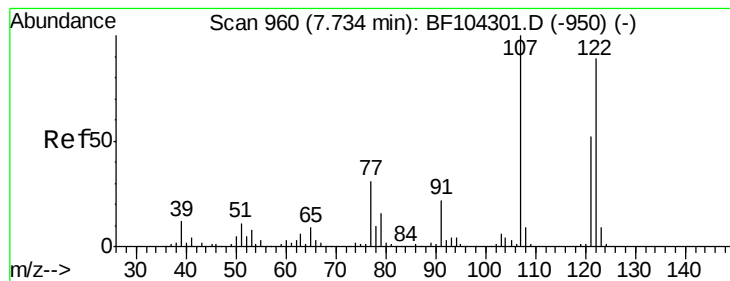
Ion Ratio Lower Upper

139 100

109 28.0 22.7 34.1

65 42.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.922 ng

RT: 7.75 min Scan# 963

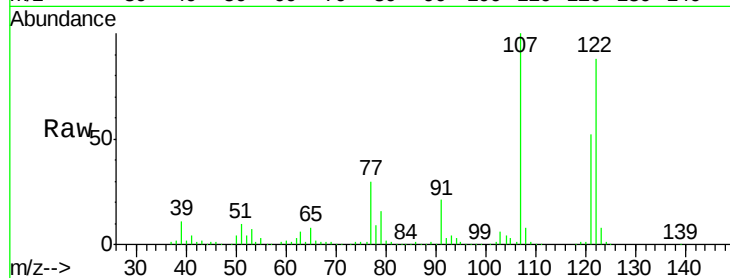
Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :

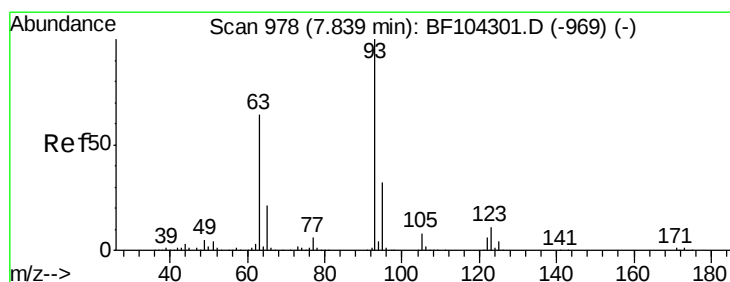
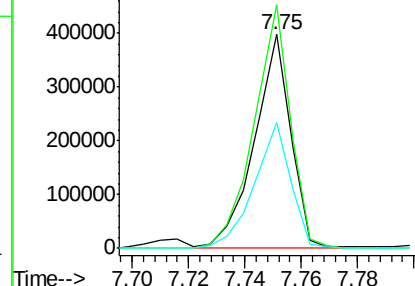
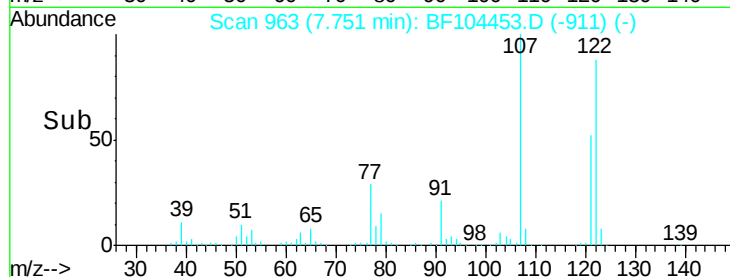
Tot Ion	122	Resp	355837
Ion	Ratio	Lower	Upper
122	100		
107	113.8	91.2	136.8
121	59.0	47.2	70.8



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: 48.675 ng

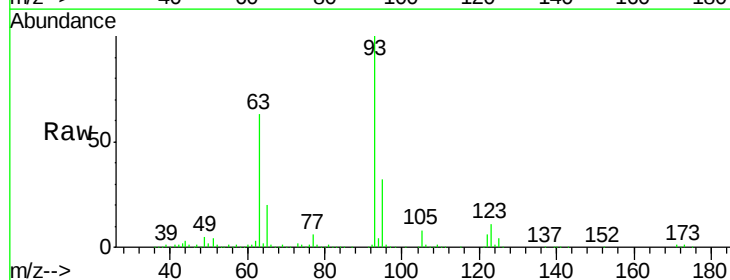
RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

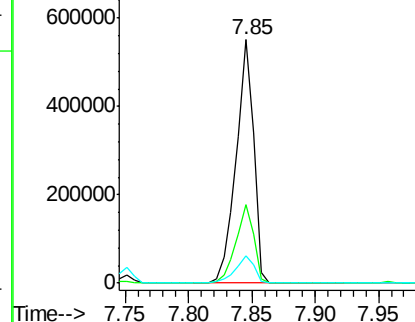
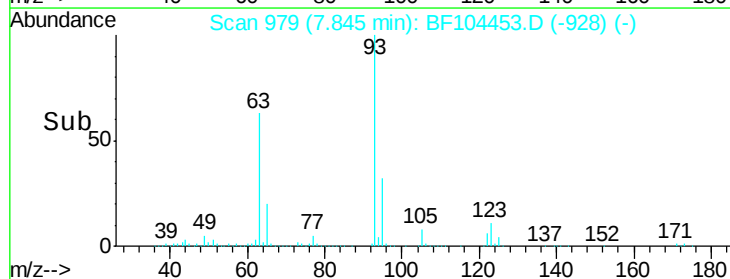
Tgt Ion	93	Resp	522527
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.1	9.8	14.6

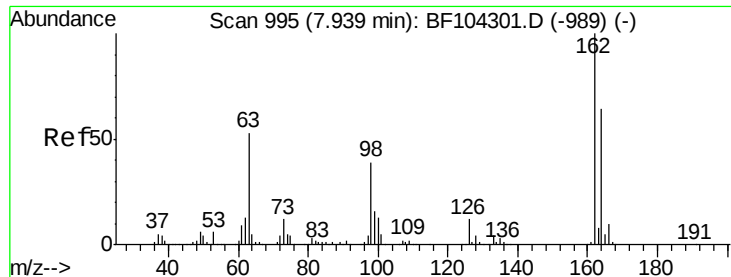


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

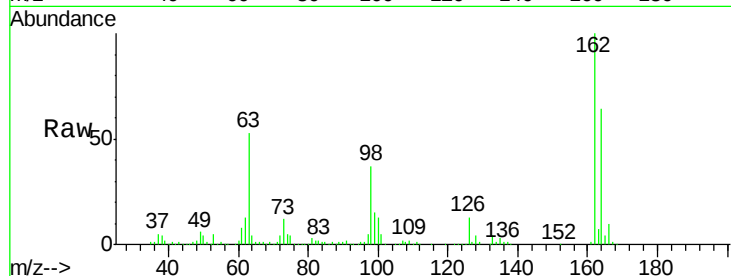




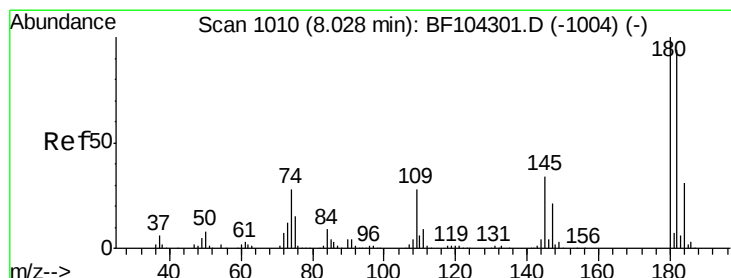
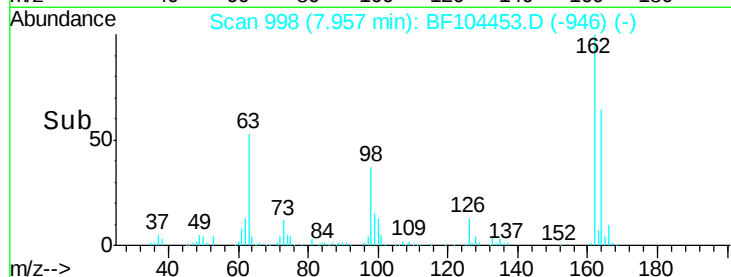
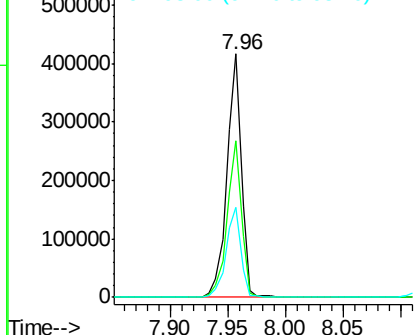
#29
2,4-Dichlorophenol
Concen: 48.847 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 361148
Ion Ratio Lower Upper
162 100
164 64.2 42.7 82.7
98 37.0 18.1 58.1

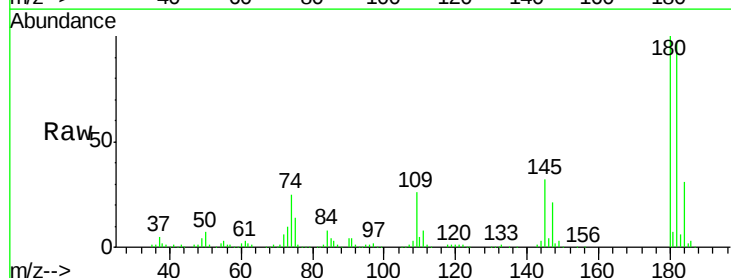


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

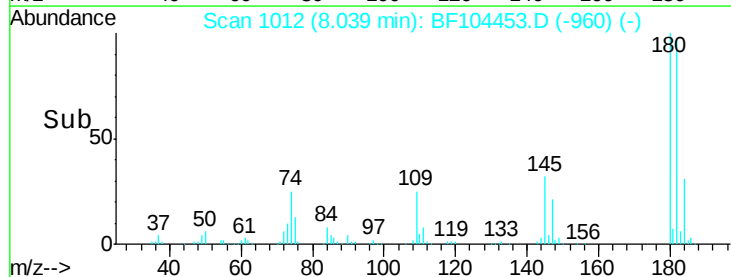
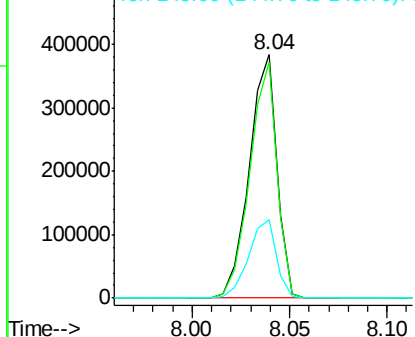


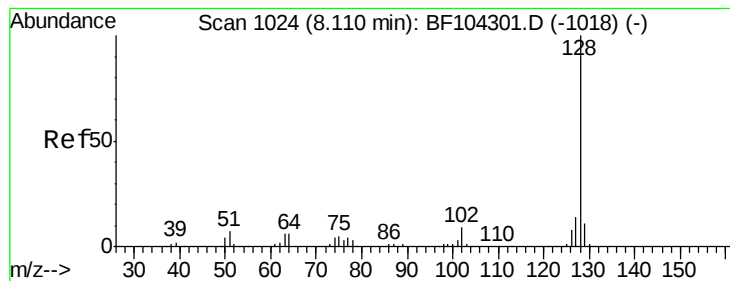
#30
1,2,4-Trichlorobenzene
Concen: 46.278 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:180 Resp: 375504
Ion Ratio Lower Upper
180 100
182 97.0 76.8 115.2
145 32.4 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: 43.550 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

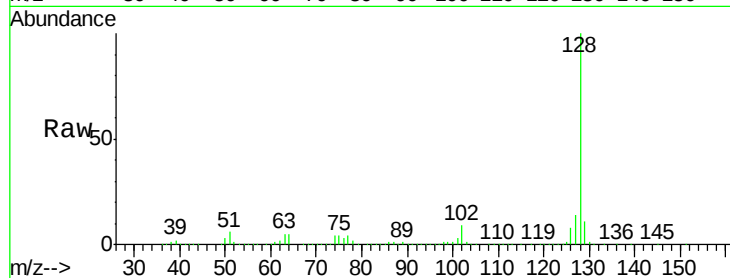
Tot Ion:128 Resp: 1175710

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

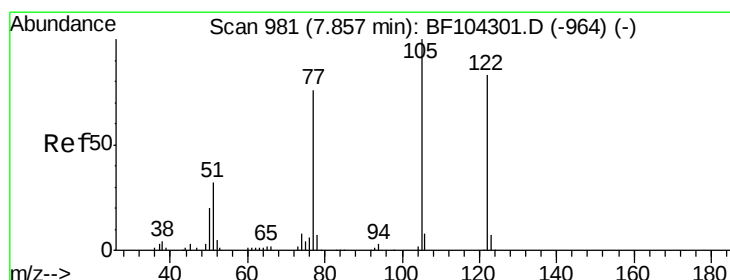
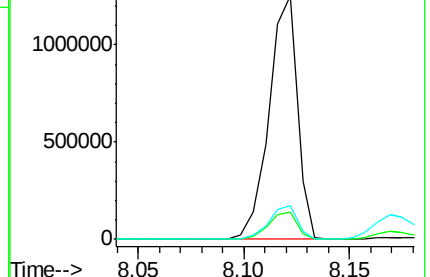
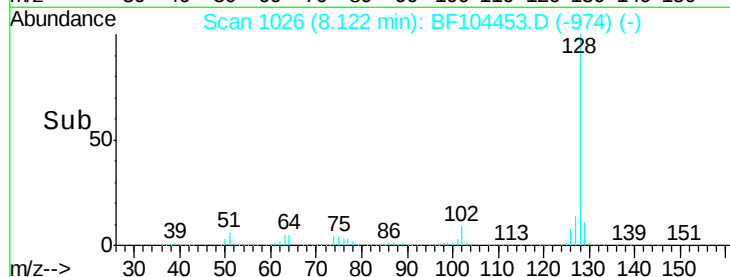
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.041 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

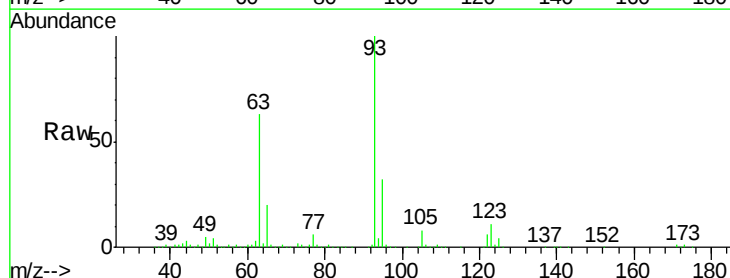
Tgt Ion:122 Resp: 74443

Ion Ratio Lower Upper

122 100

105 124.2 101.1 141.1

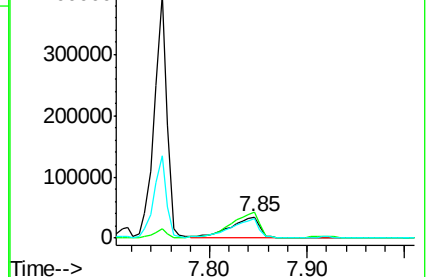
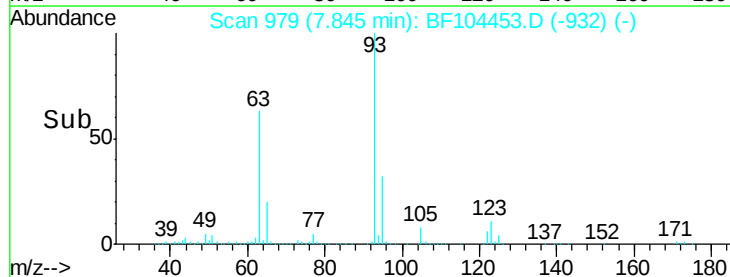
77 91.3 70.7 110.7

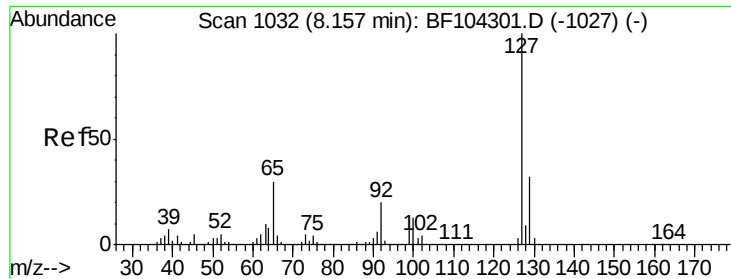


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

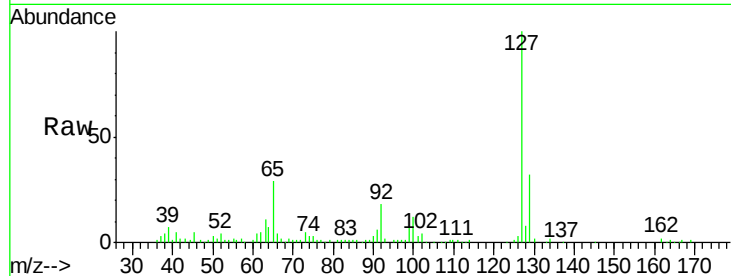




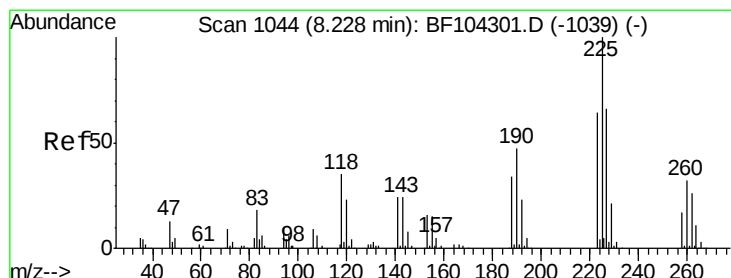
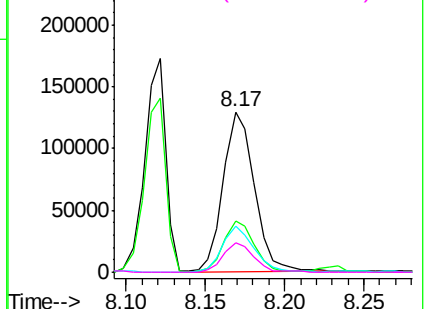
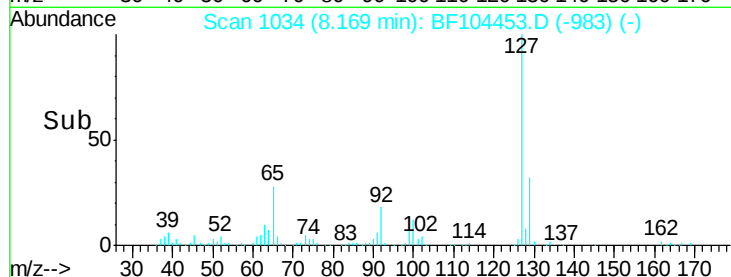
#33
4-Chloroaniline
Concen: 15.308 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	177051
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	28.6	25.0	37.4
92	18.3	15.2	22.8

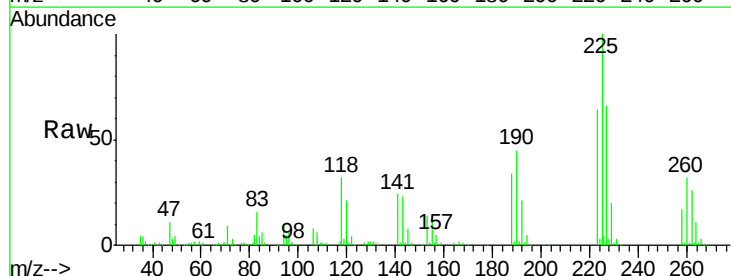


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

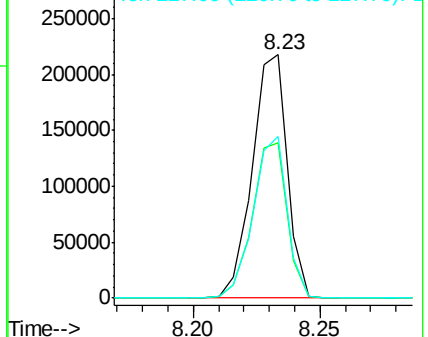
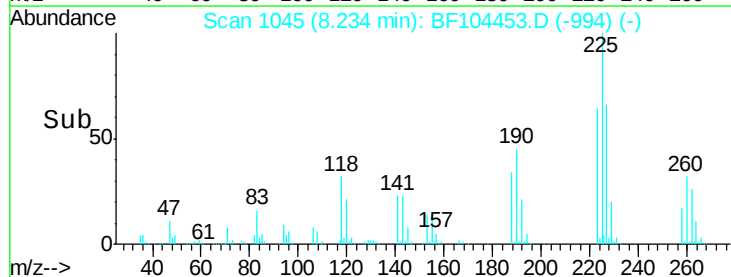


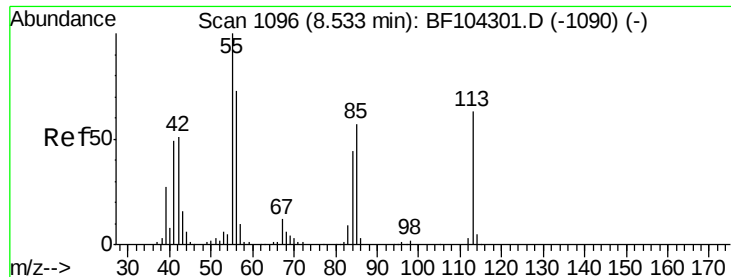
#34
Hexachlorobutadiene
Concen: 46.910 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:	225	Resp:	208486
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	66.4	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: 11.097 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.04 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampled :

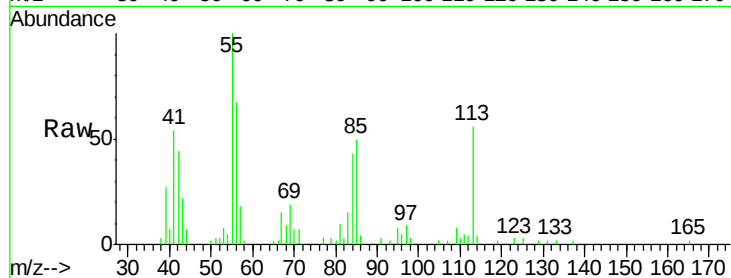
Tot Ion:113 Resp: 28622

Ion Ratio Lower Upper

113 100

55 178.1 163.3 203.3

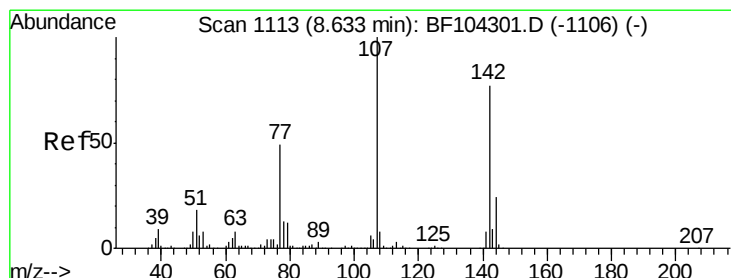
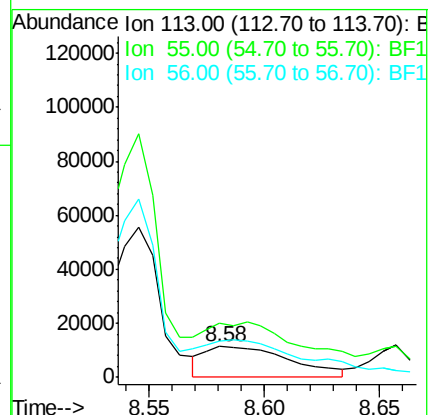
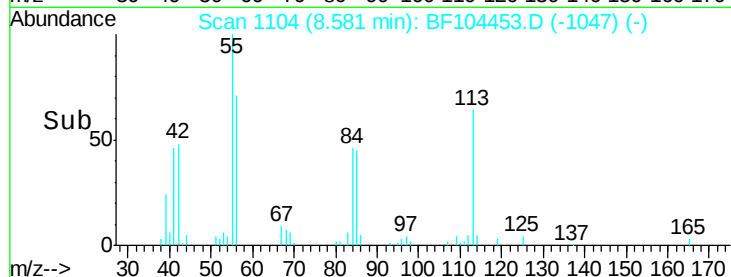
56 118.6 115.7 155.7



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: 49.359 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

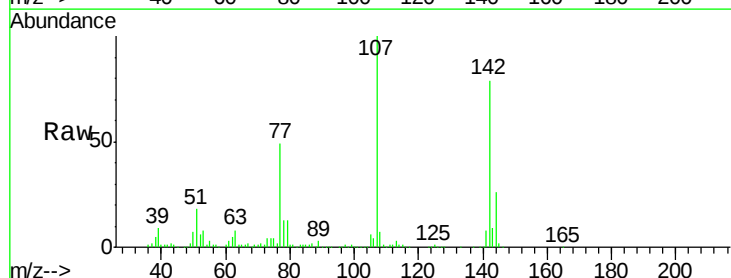
Tgt Ion:107 Resp: 391306

Ion Ratio Lower Upper

107 100

144 25.5 20.5 30.7

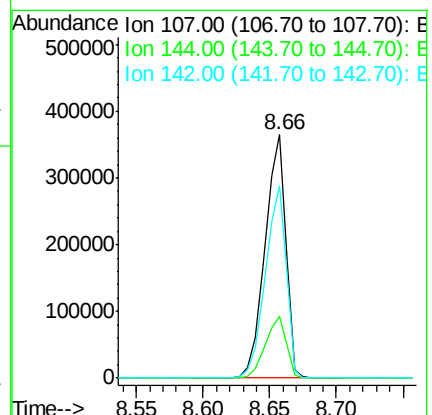
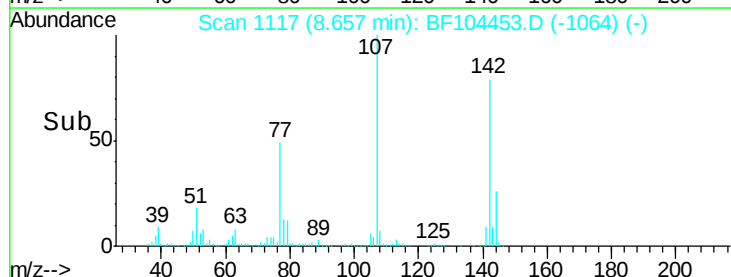
142 78.8 62.0 93.0

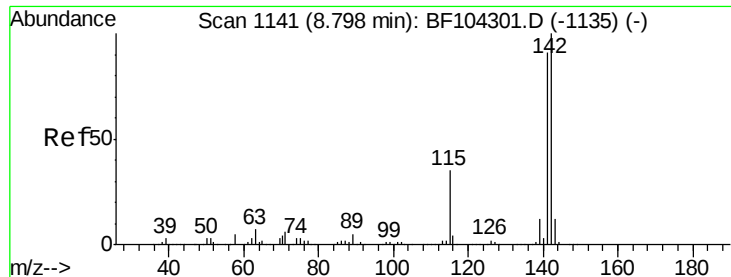


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

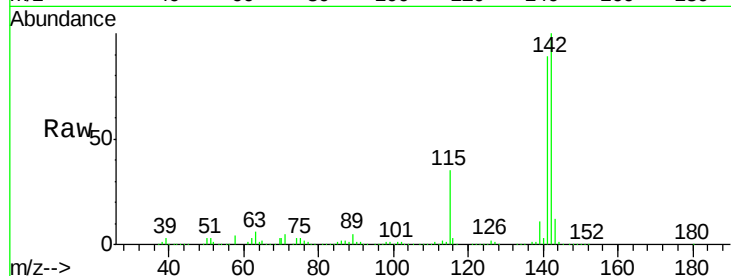




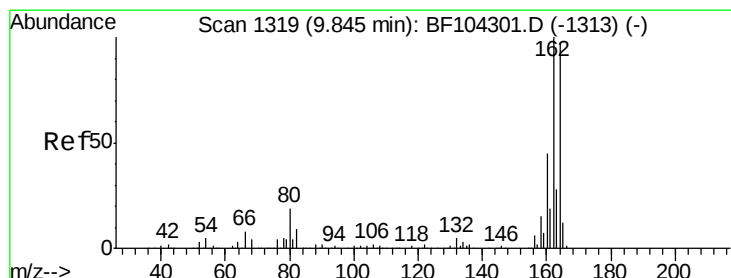
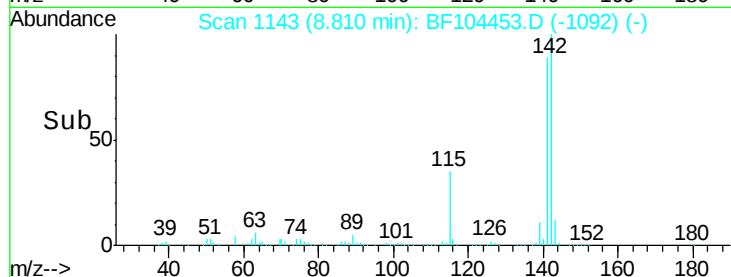
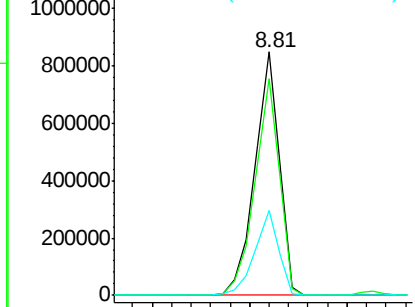
#37
 2-Methylnaphthalene
 Concen: 42.355 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 739646
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.8 106.2
 115 34.7 26.1 39.1

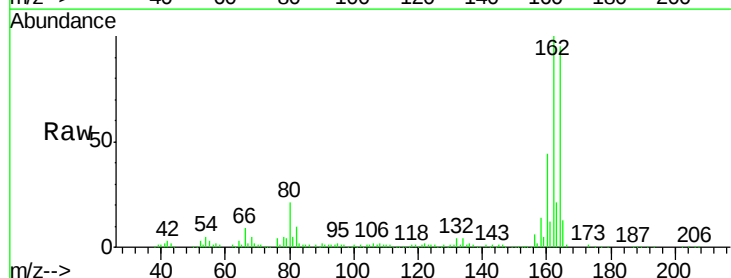


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

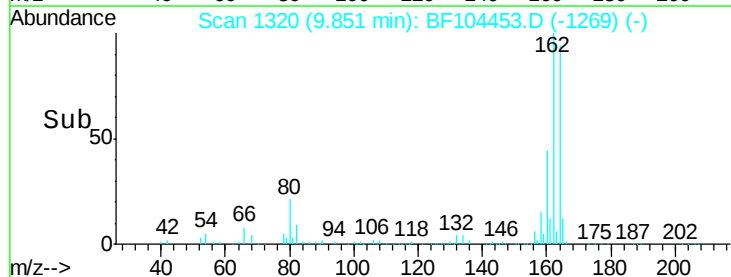
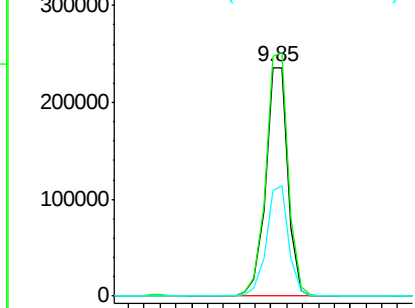


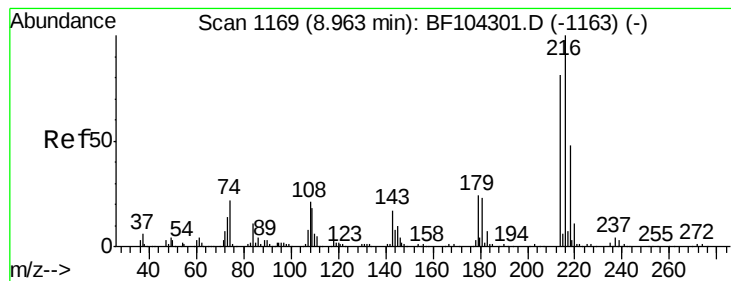
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion:164 Resp: 232691
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 46.4 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: 49.298 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 328373

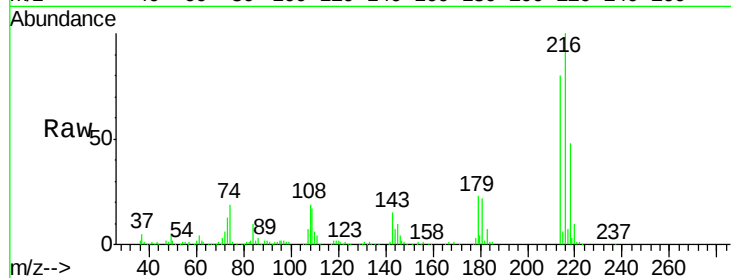
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.9 18.1 27.1

108 20.5 17.2 25.8

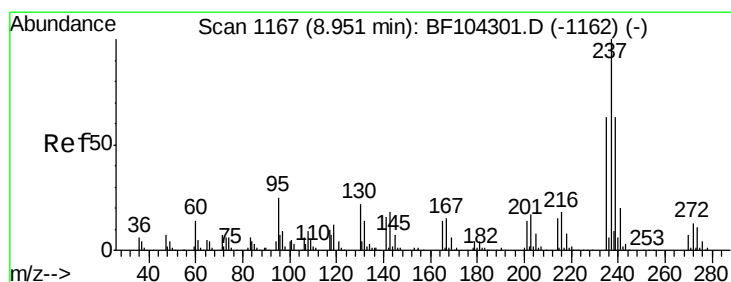
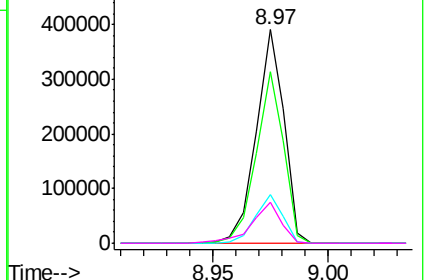
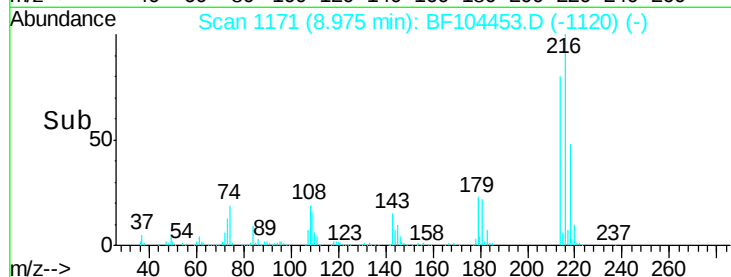


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.360 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

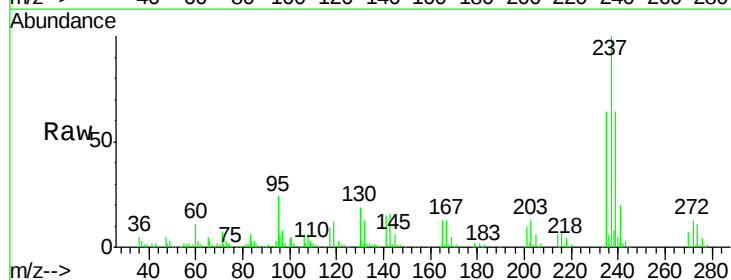
Tgt Ion:237 Resp: 143046

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

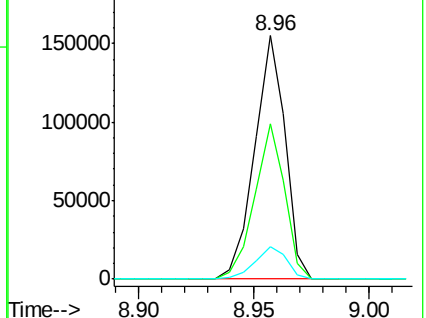
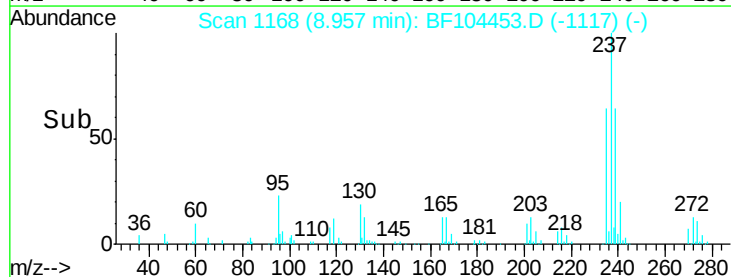
272 13.2 0.0 33.3

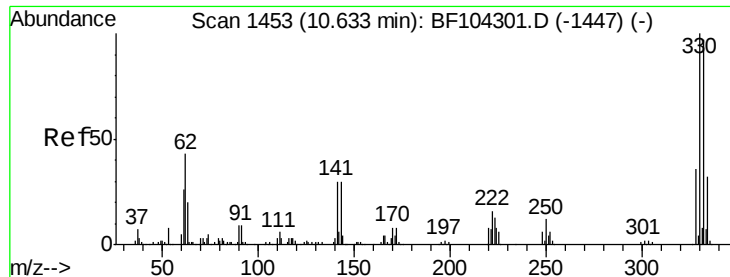


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 124.621 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

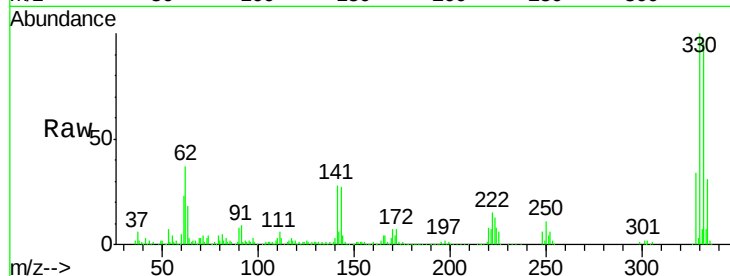
Tot Ion:330 Resp: 300806

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

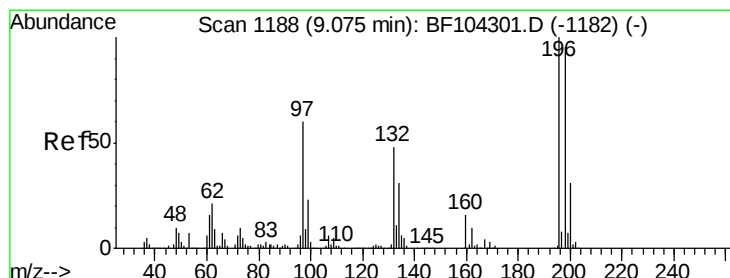
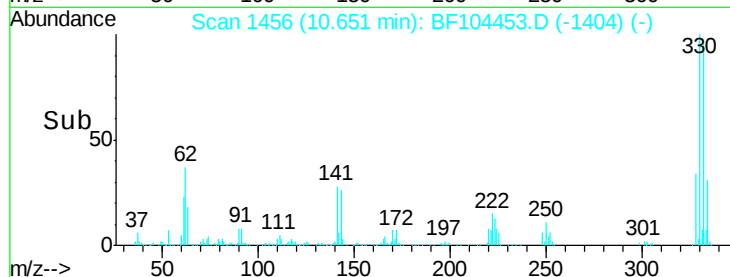
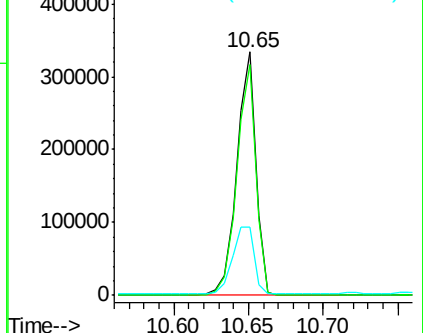
141 32.1 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 53.447 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

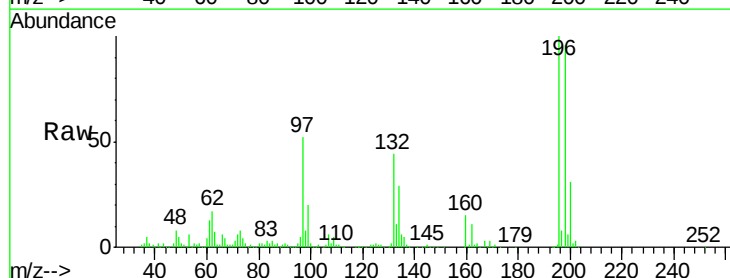
Tgt Ion:196 Resp: 247134

Ion Ratio Lower Upper

196 100

198 95.9 75.7 113.5

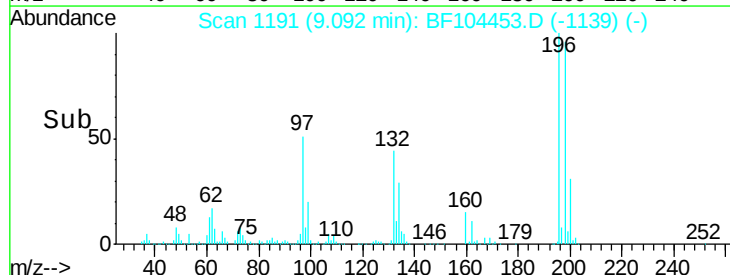
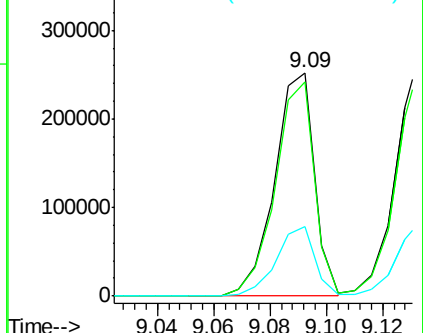
200 31.1 24.5 36.7

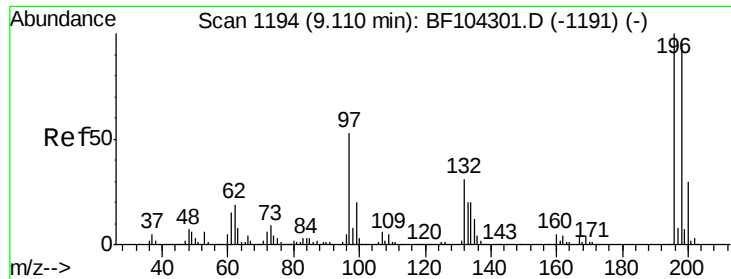


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

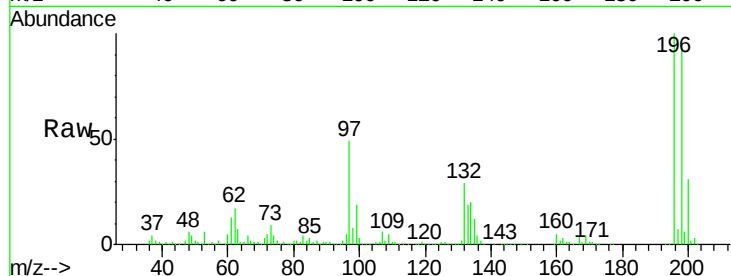




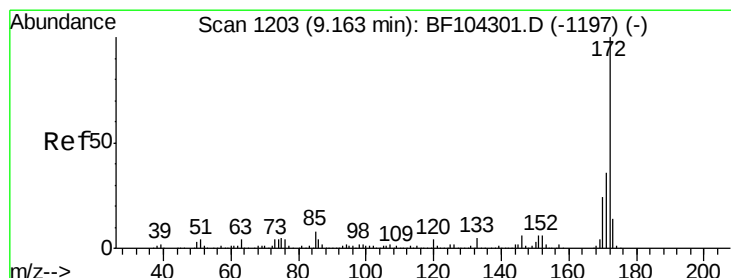
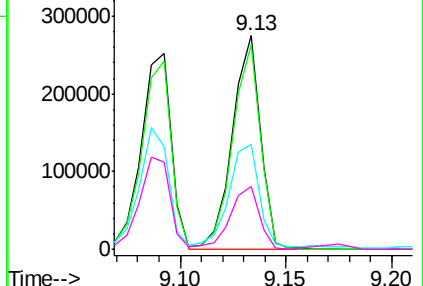
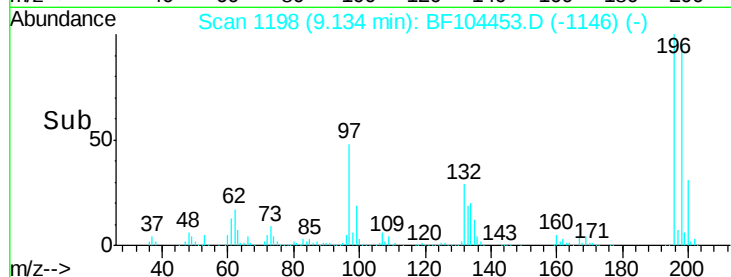
#43
 2,4,5-Trichlorophenol
 Concen: 48.829 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	252657
Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.6	112.0
97	49.3	42.9	64.3
132	29.5	26.3	39.5

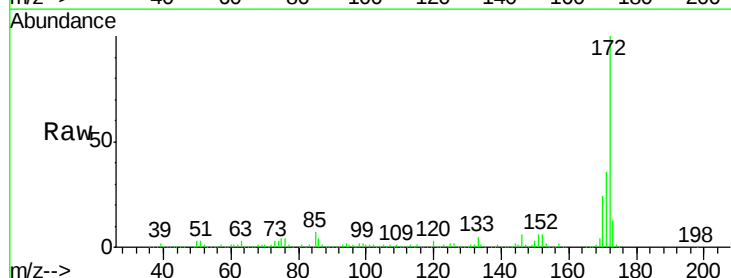


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

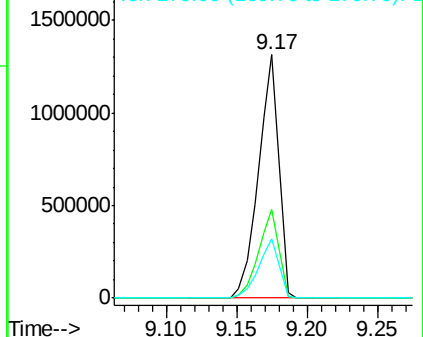
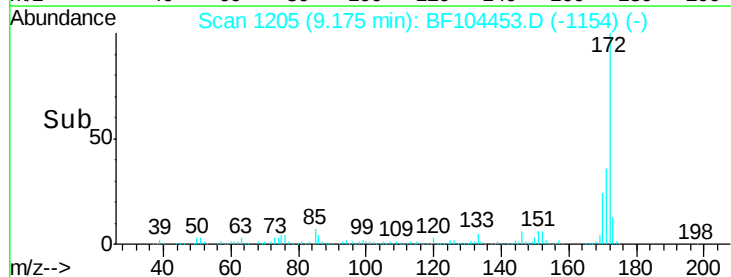


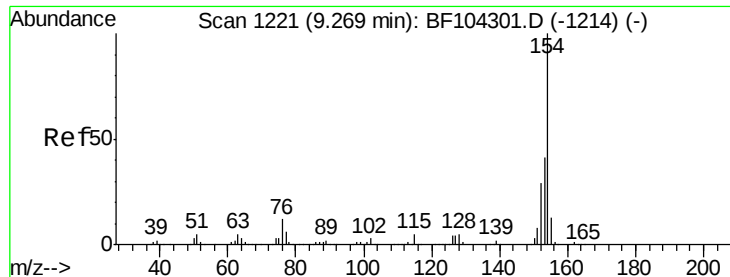
#44
 2-Fluorobiphenyl
 Concen: 91.259 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion:	172	Resp:	1344202
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	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

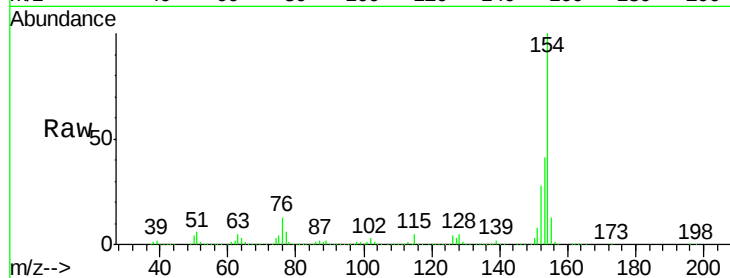




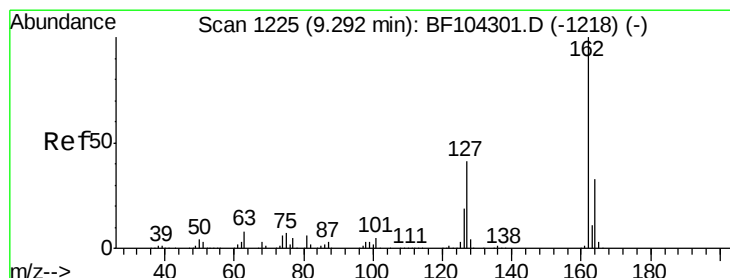
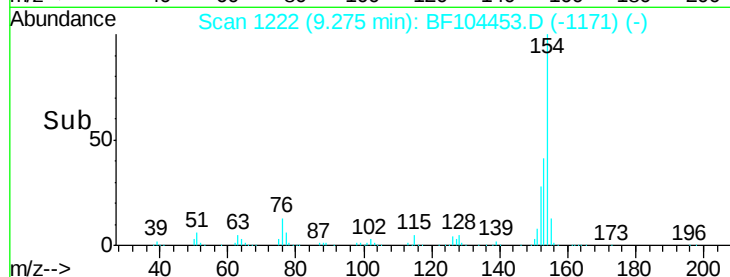
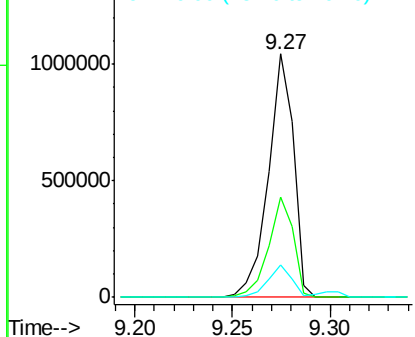
#45
 1,1'-Biphenyl
 Concen: 47.840 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 935162
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 13.1 0.0 34.0

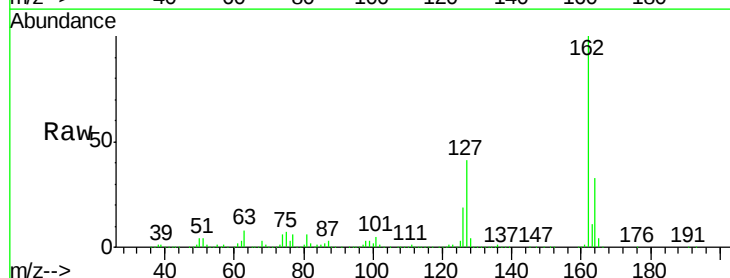


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

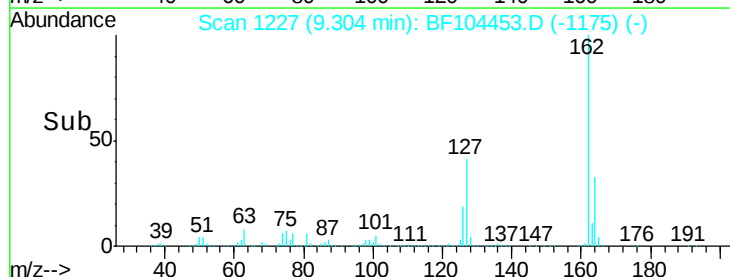
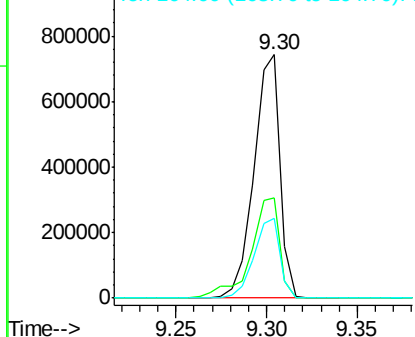


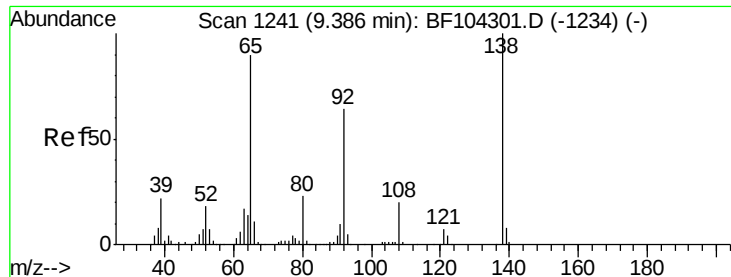
#46
 2-Chloronaphthalene
 Concen: 47.846 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion:162 Resp: 738751
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.9 50.9
 164 33.0 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: 60.704 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

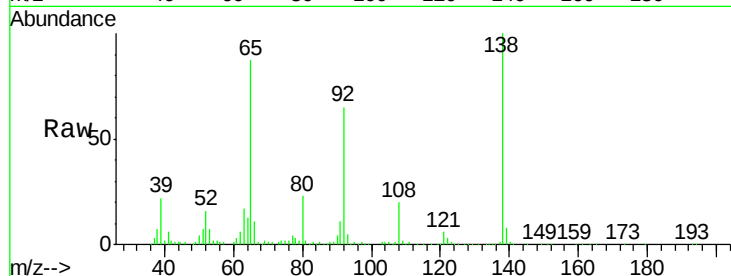
Tot Ion: 65 Resp: 231791

Ion Ratio Lower Upper

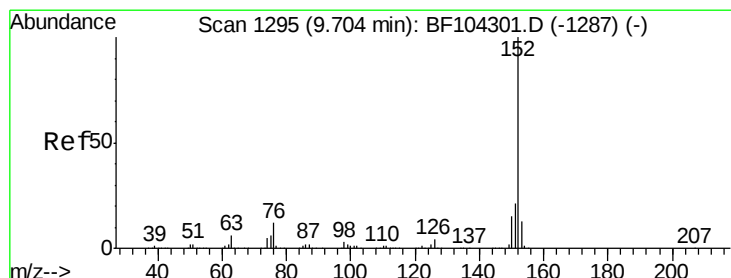
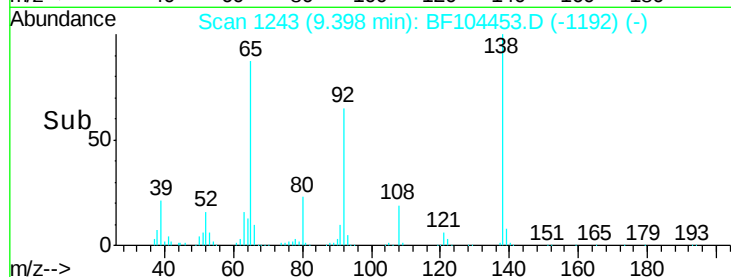
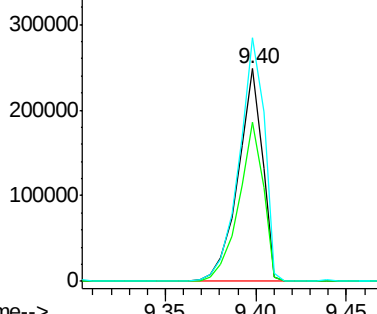
65 100

92 74.8 55.8 83.6

138 114.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 43.586 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

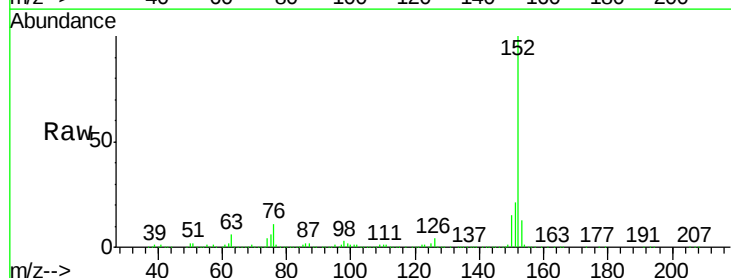
Tgt Ion: 152 Resp: 1055880

Ion Ratio Lower Upper

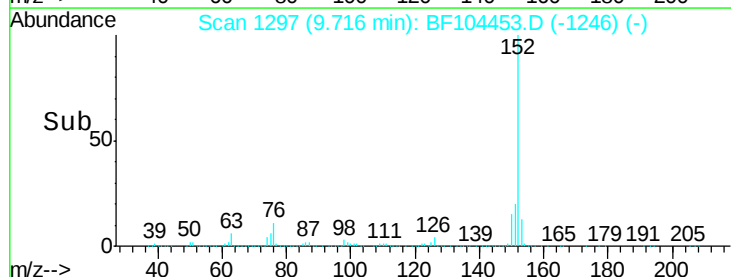
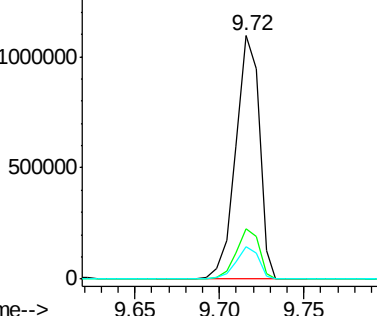
152 100

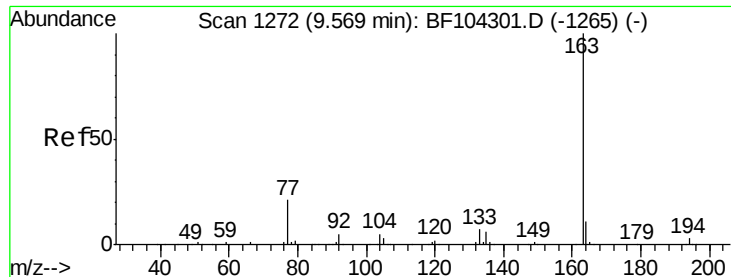
151 20.5 16.3 24.5

153 13.3 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

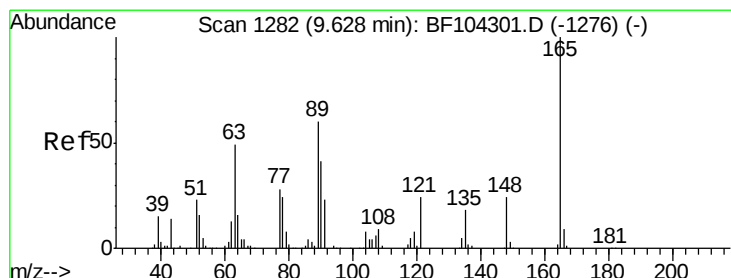
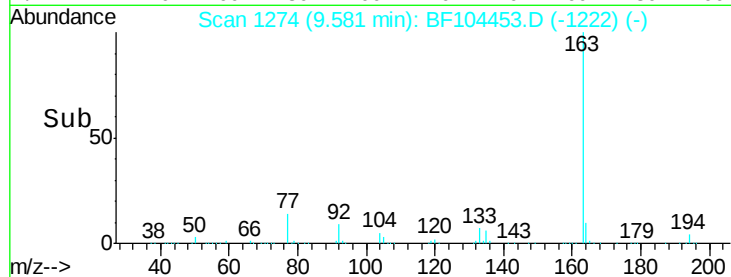
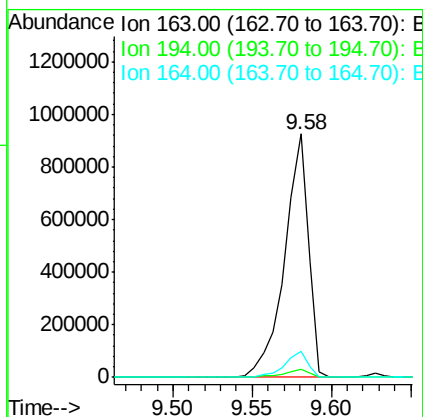
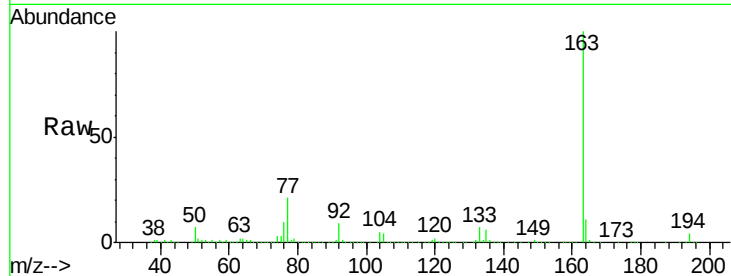




#49
Dimethylphthalate
Concen: 52.485 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

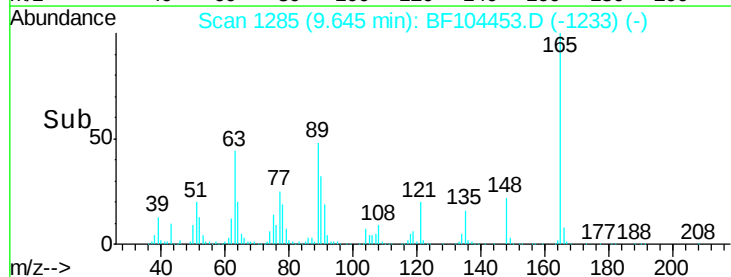
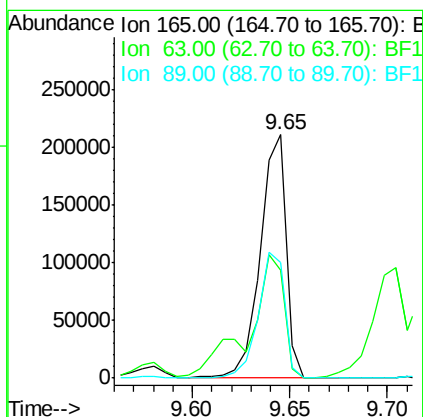
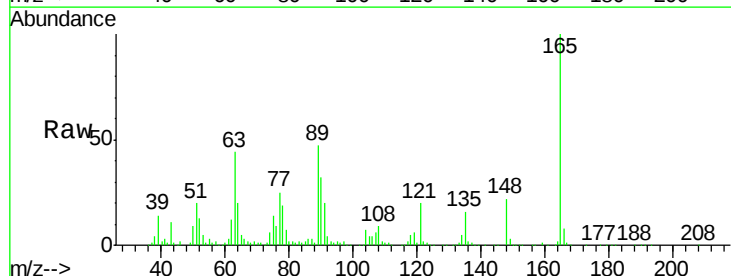
Instrument :
BNA_F
ClientSampleId :

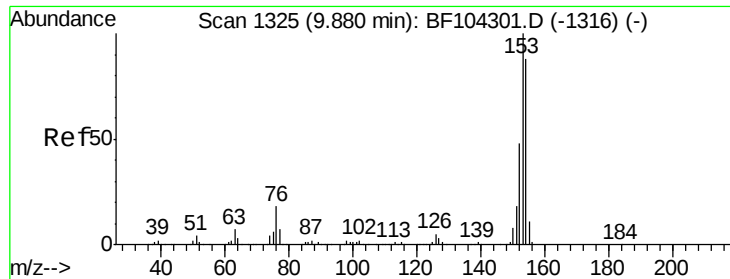
Tot Ion:163 Resp: 963072
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 56.434 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:165 Resp: 191615
Ion Ratio Lower Upper
165 100
63 44.1 44.7 67.1#
89 47.5 44.0 66.0





#51

Acenaphthene

Concen: 43.615 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

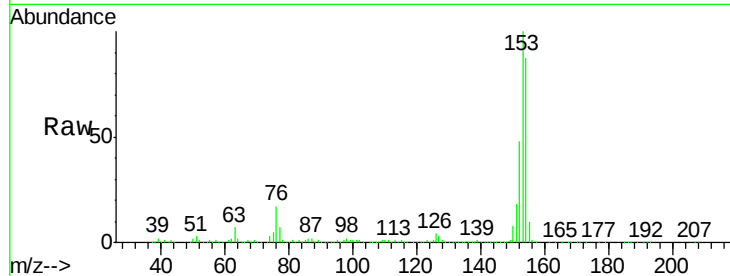
Tot Ion:154 Resp: 644662

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

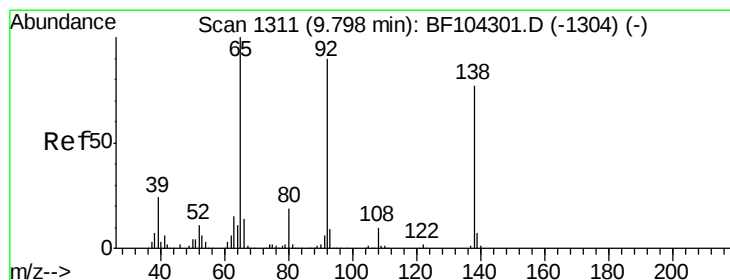
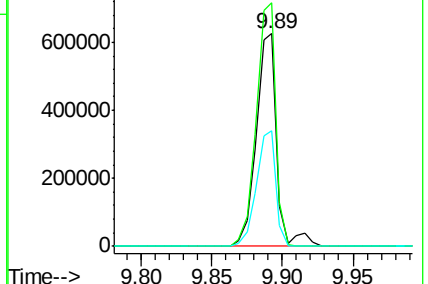
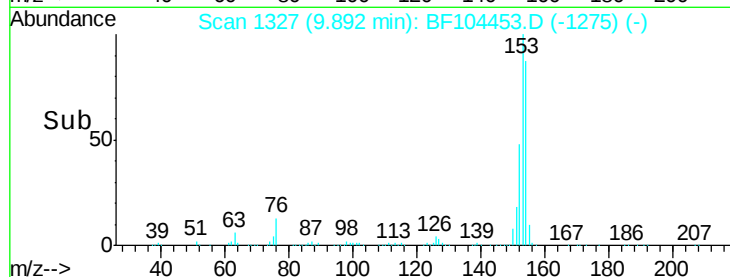
152 54.7 43.8 65.8



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: 34.358 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

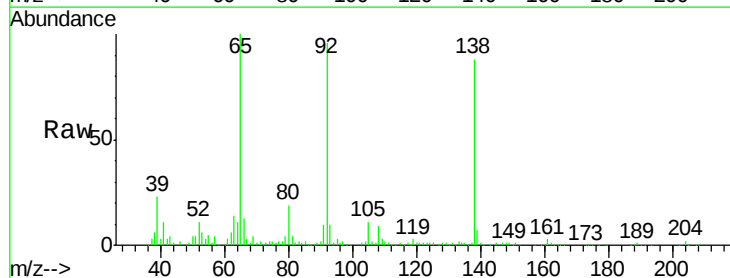
Tgt Ion:138 Resp: 136574

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

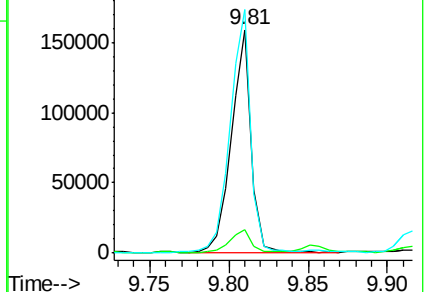
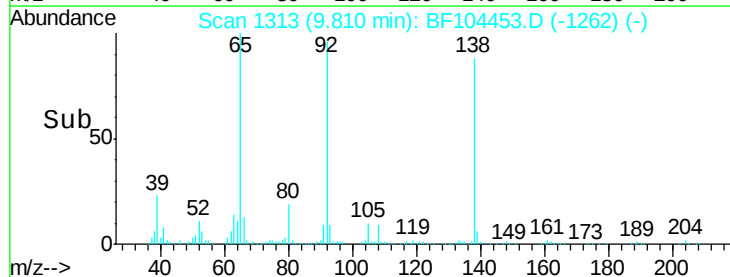
92 109.1 89.4 134.2

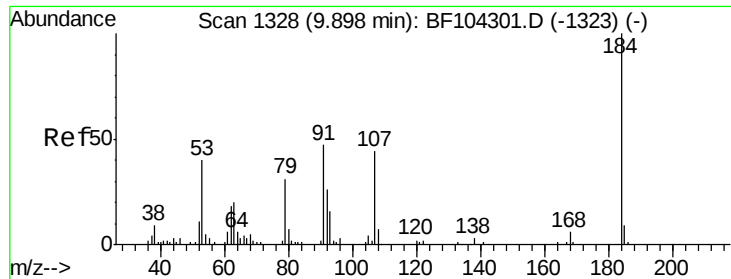


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

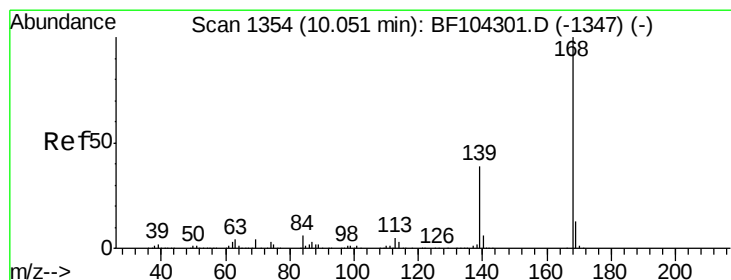
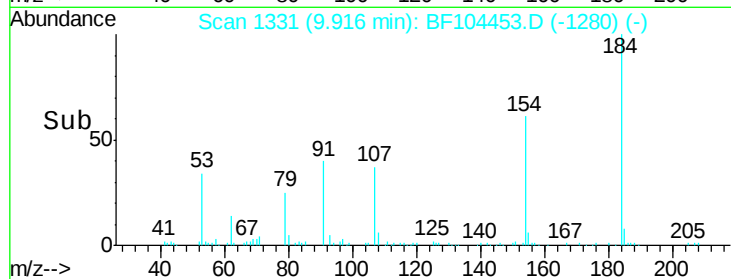
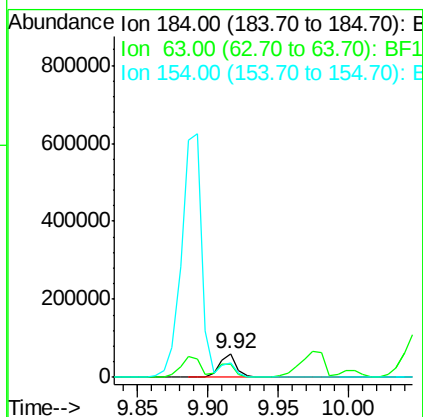
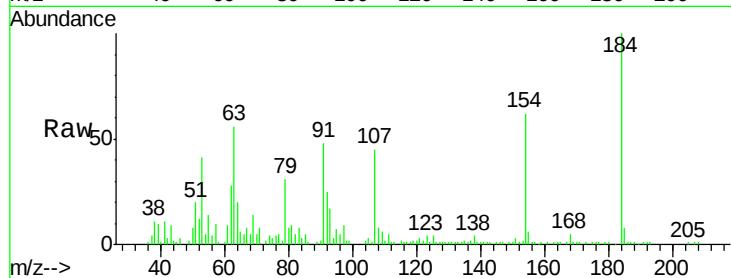




#53
2,4-Dinitrophenol
Concen: 46.104 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

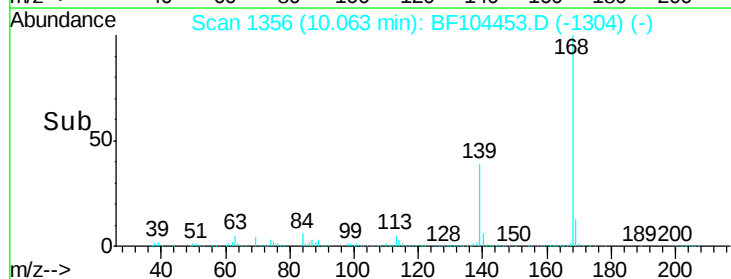
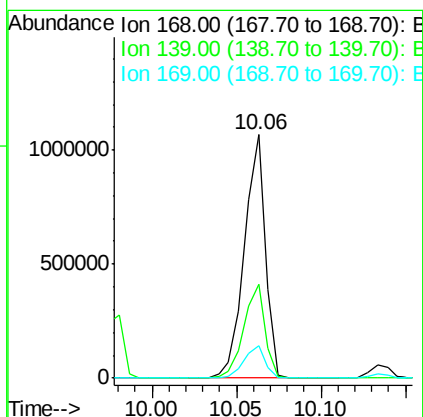
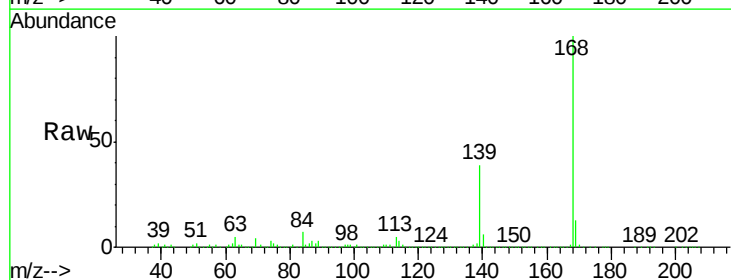
Instrument :
BNA_F
ClientSampleId :

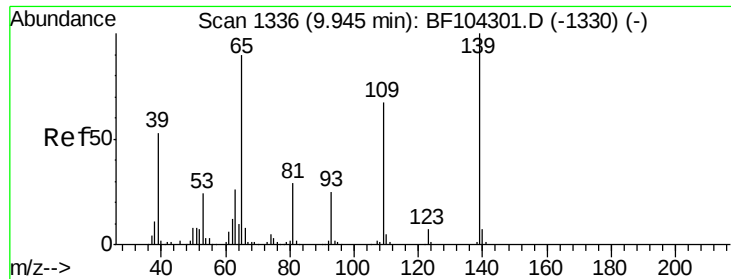
Tot Ion:184 Resp: 50707
Ion Ratio Lower Upper
184 100
63 56.0 54.2 81.2
154 61.9 184.0 276.0#



#54
Dibenzofuran
Concen: 45.298 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:168 Resp: 933057
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.4 10.9 16.3

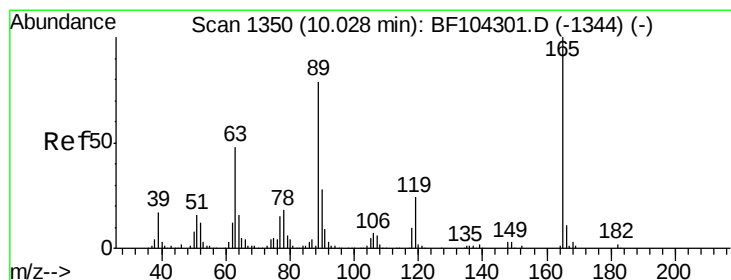
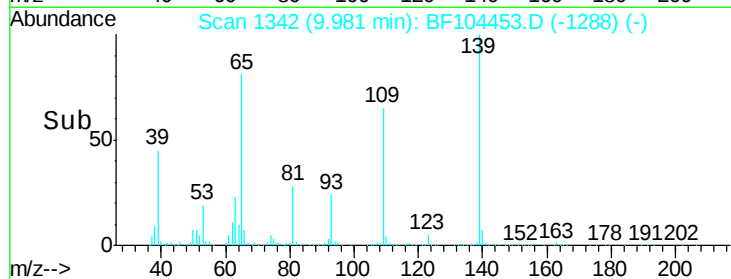
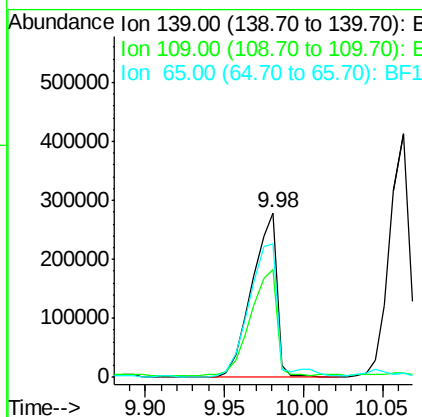
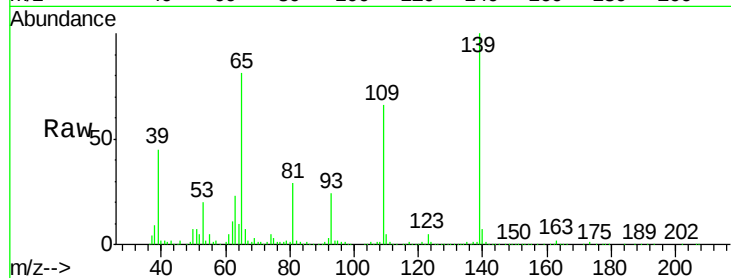




#55
4-Nitrophenol
Concen: 97.509 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

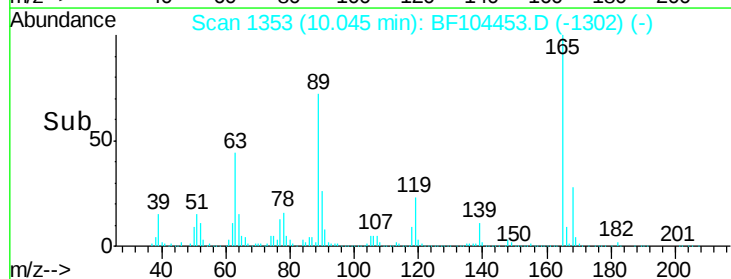
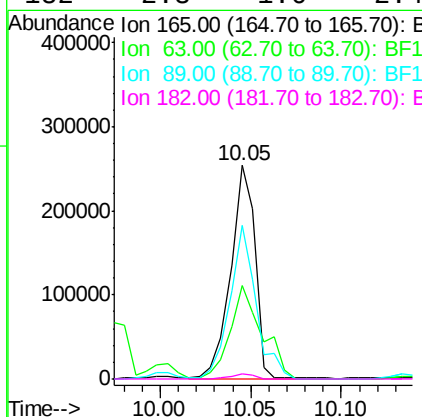
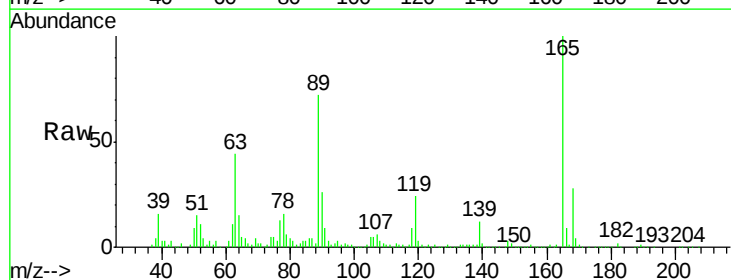
Instrument :
BNA_F
ClientSampleId :

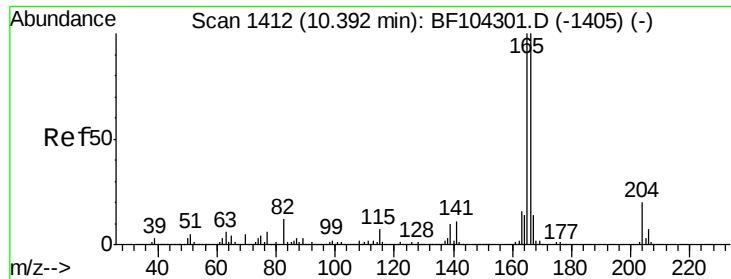
Tot Ion:139 Resp: 304469
Ion Ratio Lower Upper
139 100
109 65.8 48.4 88.4
65 81.1 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 52.782 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:165 Resp: 235076
Ion Ratio Lower Upper
165 100
63 43.7 36.4 54.6
89 72.2 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 42.533 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

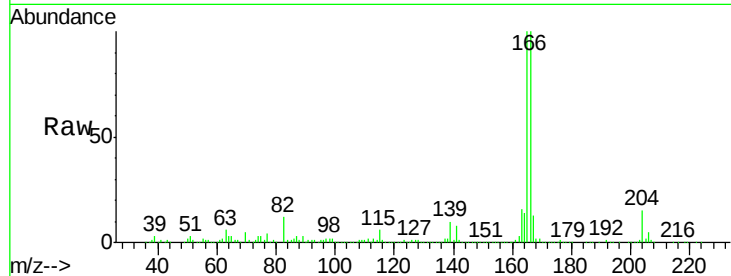
Tot Ion:166 Resp: 637692

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

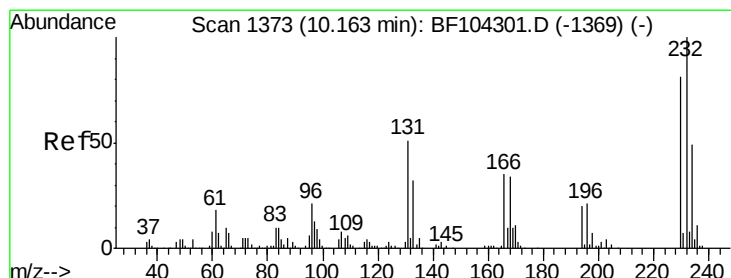
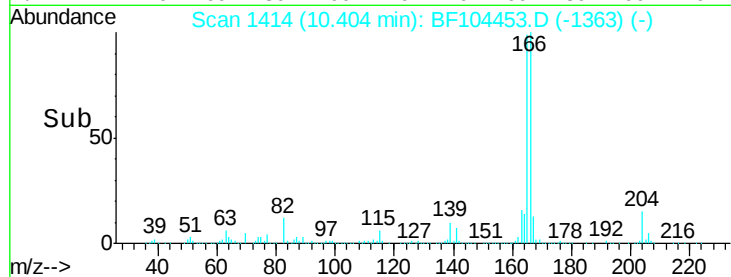
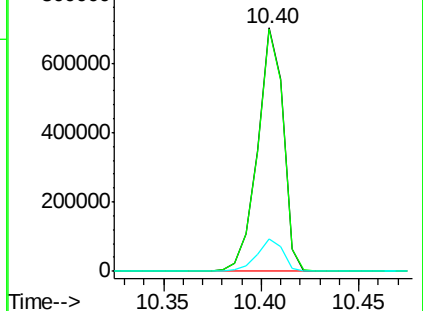
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.197 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:232 Resp: 178332

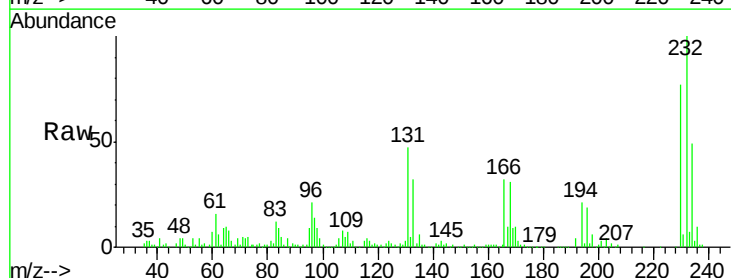
Ion Ratio Lower Upper

232 100

131 50.5 43.8 65.8

130 2.6 2.1 3.1

166 33.8 27.8 41.6

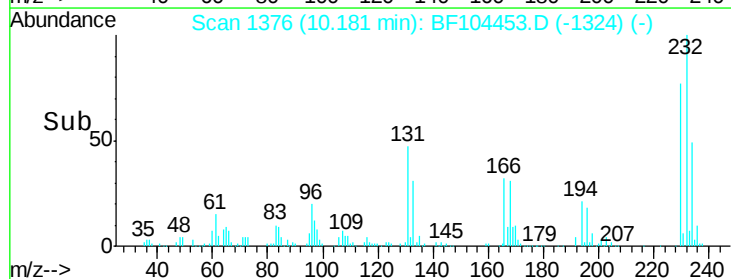
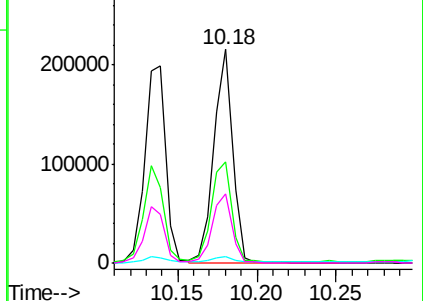


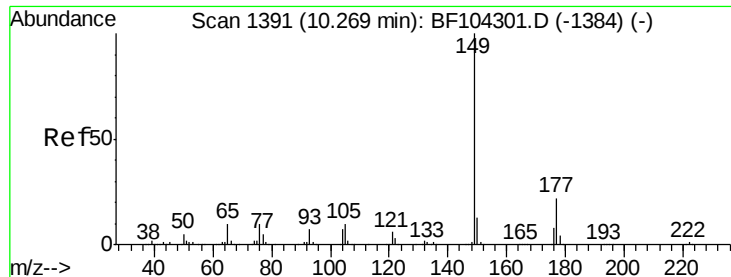
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

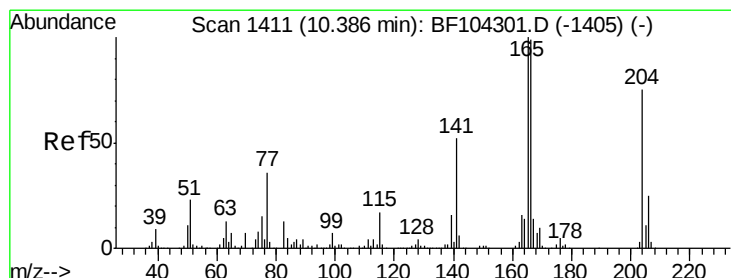
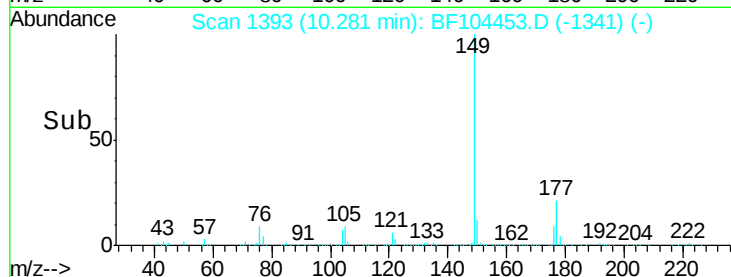
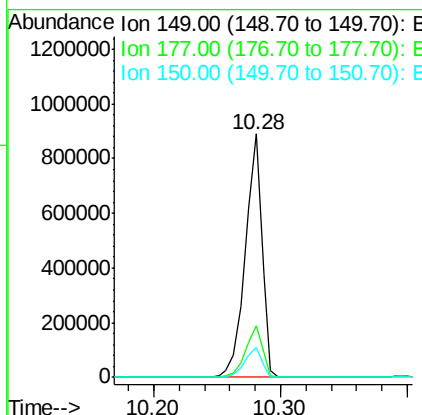
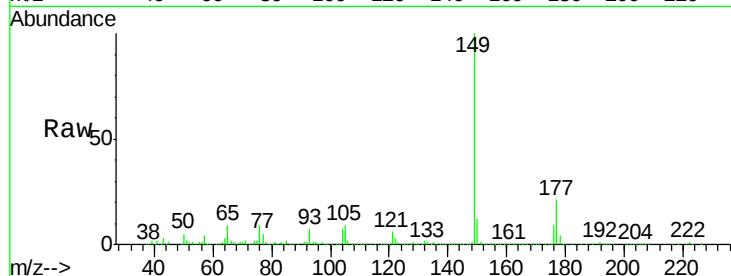




#59
Diethylphthalate
Concen: 44.081 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

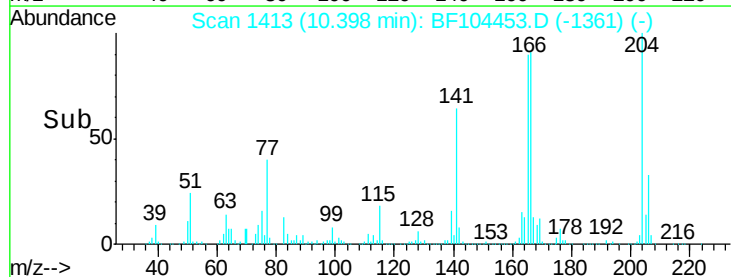
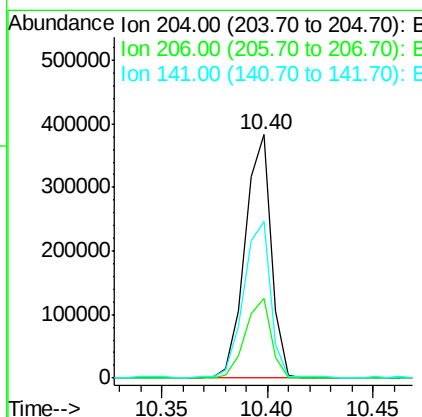
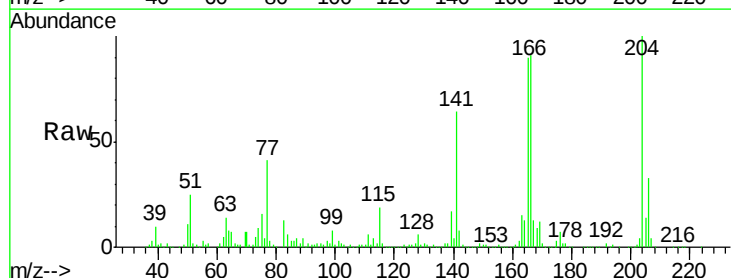
Instrument :
BNA_F
ClientSampled :

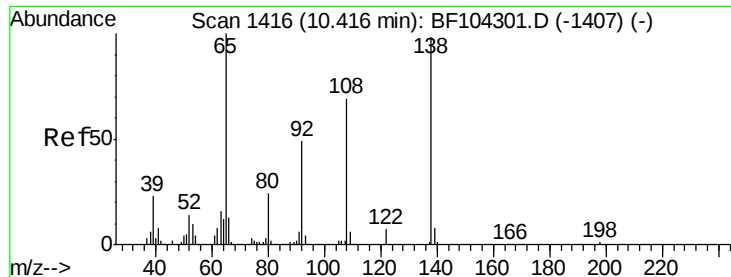
Tot Ion:149 Resp: 805569
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 49.469 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:204 Resp: 330308
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.3 54.6 81.8

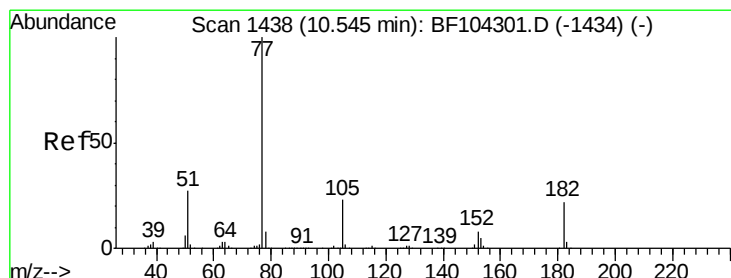
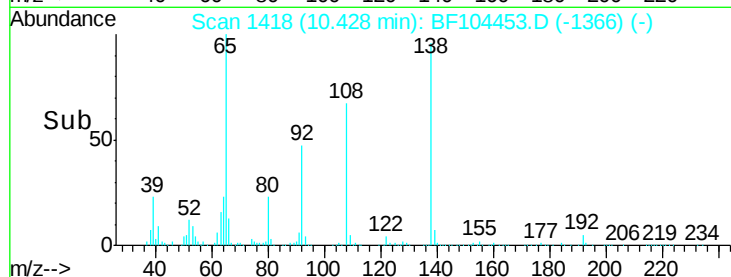
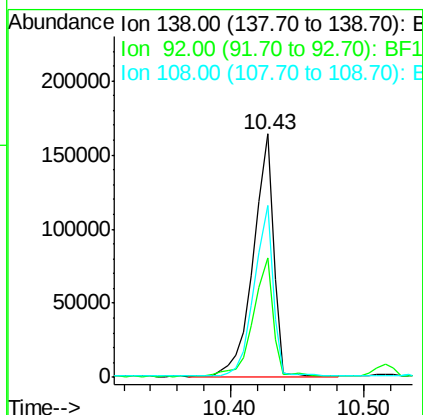
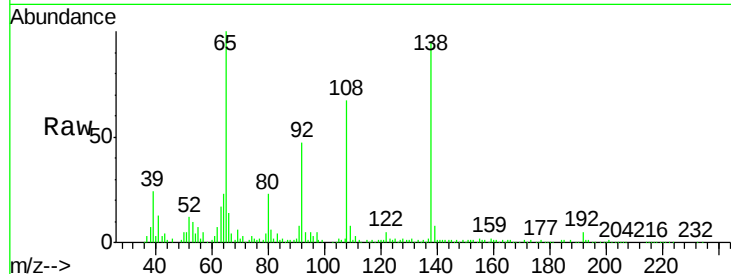




#61
4-Nitroaniline
Concen: 43.688 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

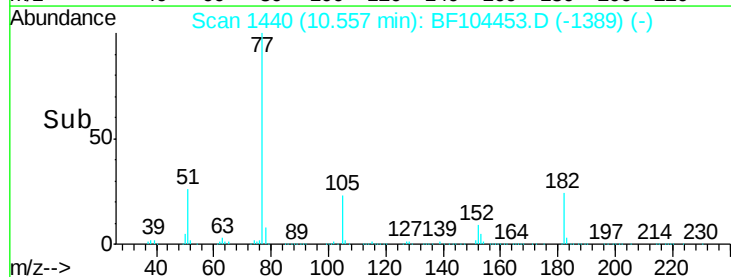
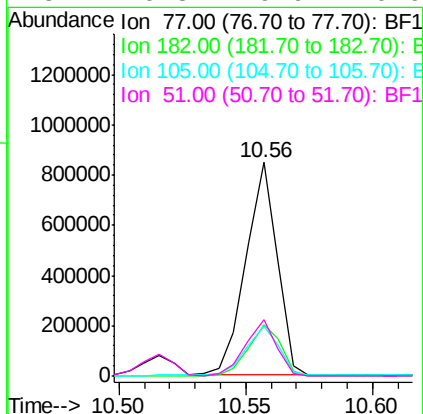
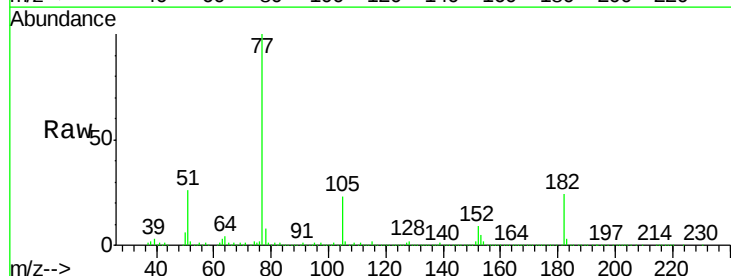
Instrument :
BNA_F
ClientSampled :

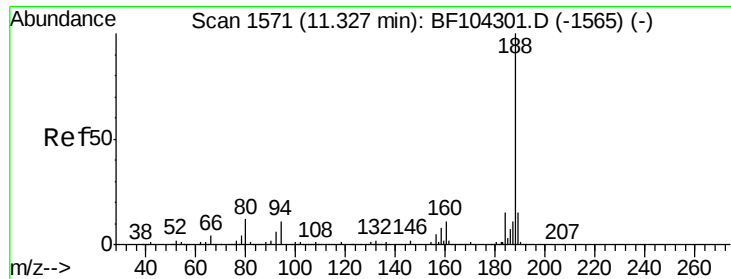
Tot Ion:138 Resp: 169800
Ion Ratio Lower Upper
138 100
92 49.1 30.2 70.2
108 70.4 52.5 92.5



#62
Azobenzene
Concen: 41.955 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion: 77 Resp: 732506
Ion Ratio Lower Upper
77 100
182 23.8 1.7 41.7
105 23.4 3.0 43.0
51 26.3 9.9 49.9

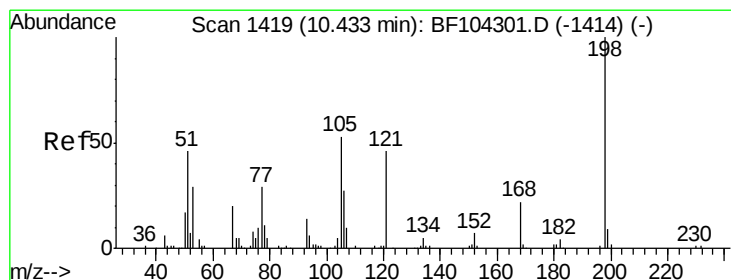
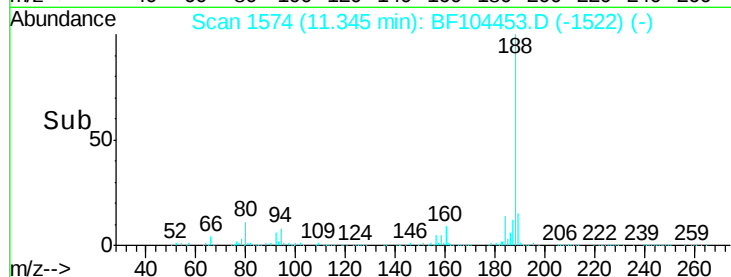
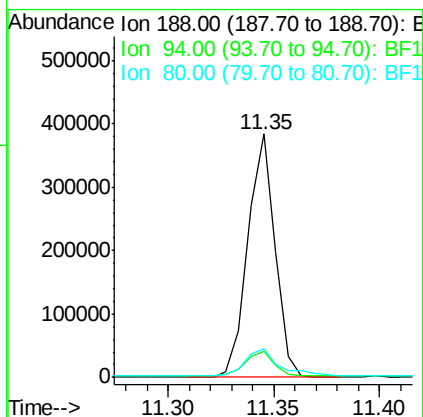
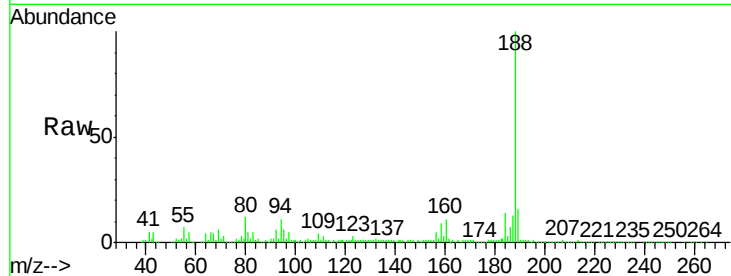




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

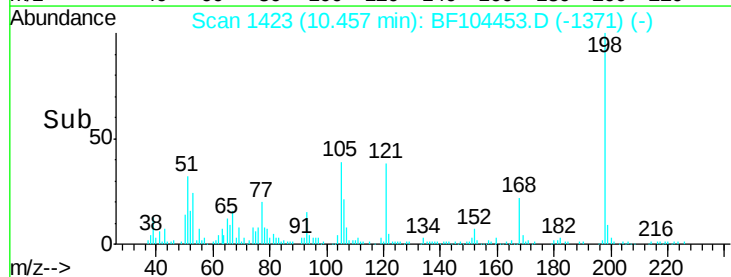
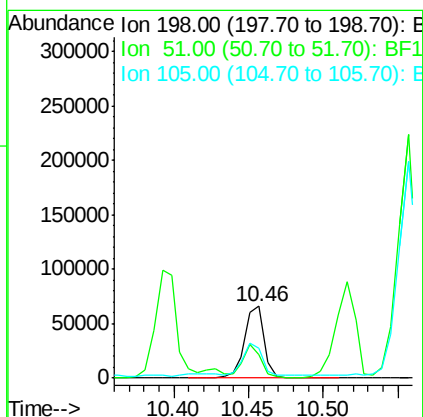
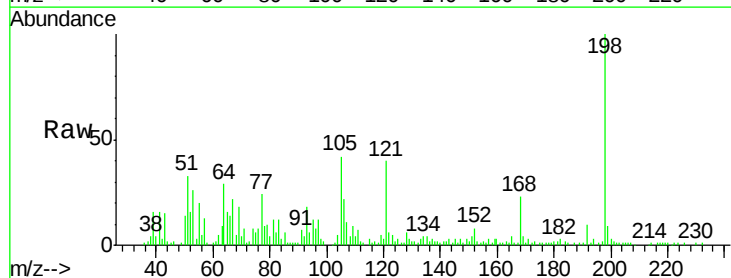
Instrument :
BNA_F
ClientSampled :

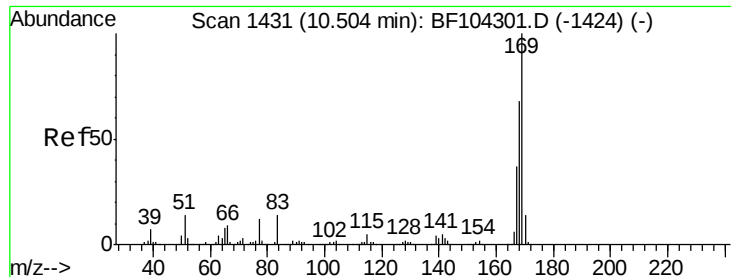
Tot Ion:188 Resp: 342197
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.963 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:198 Resp: 60244
Ion Ratio Lower Upper
198 100
51 33.3 37.7 77.7#
105 42.2 36.3 76.3

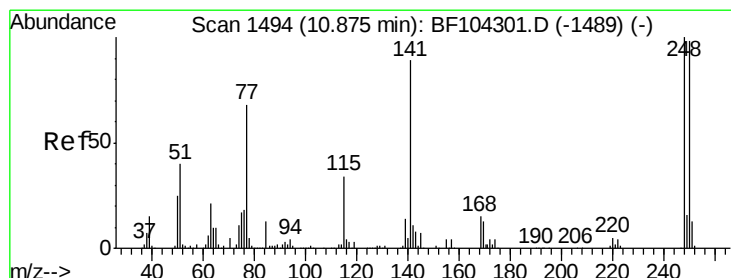
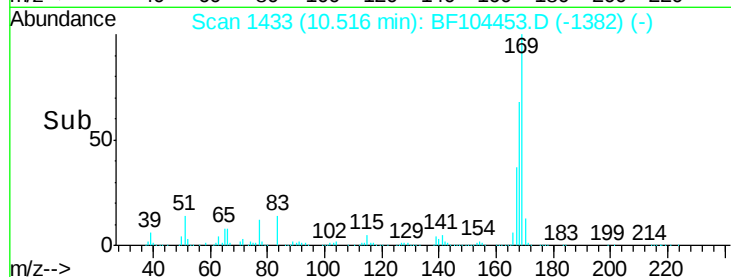
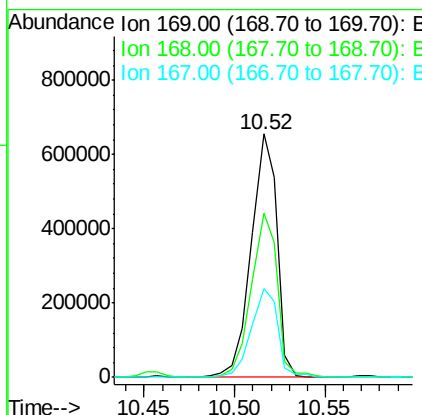
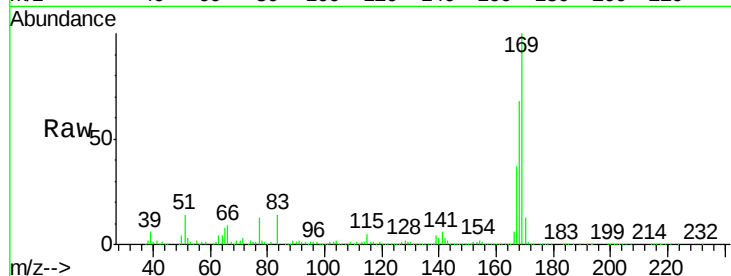




#65
 n-Nitrosodiphenylamine
 Concen: 54.450 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

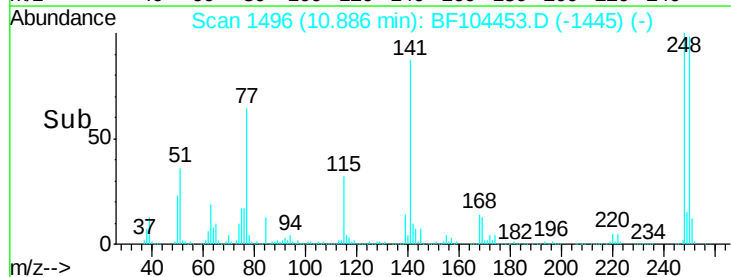
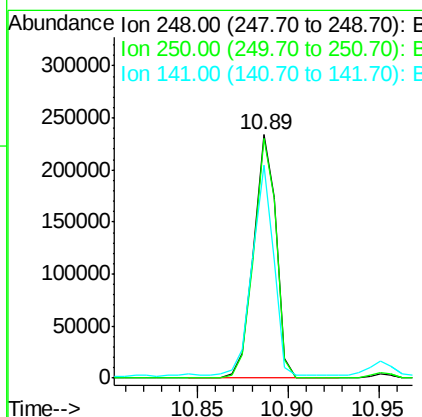
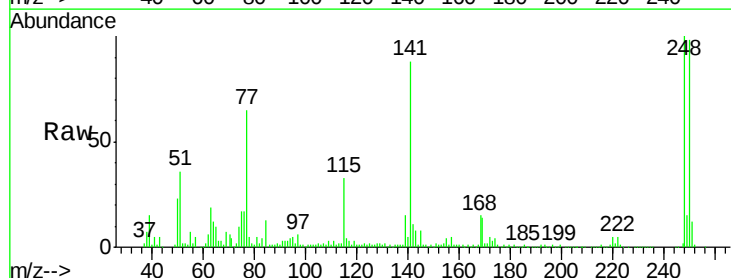
Instrument :
 BNA_F
 ClientSampleId :

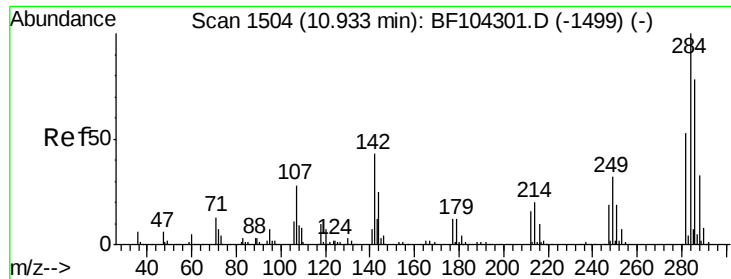
Tot Ion:169 Resp: 646036
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 55.392 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion:248 Resp: 201619
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.9 115.3
 141 87.7 74.4 111.6

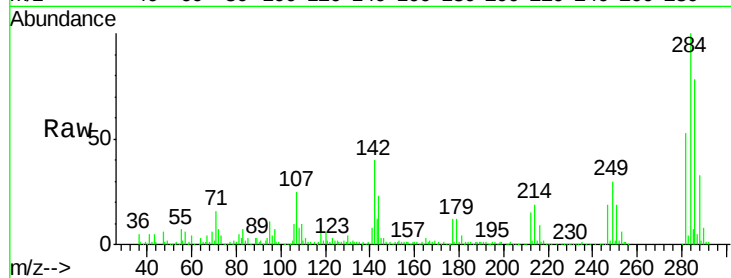




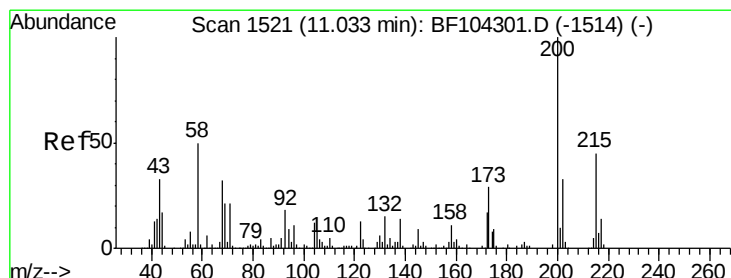
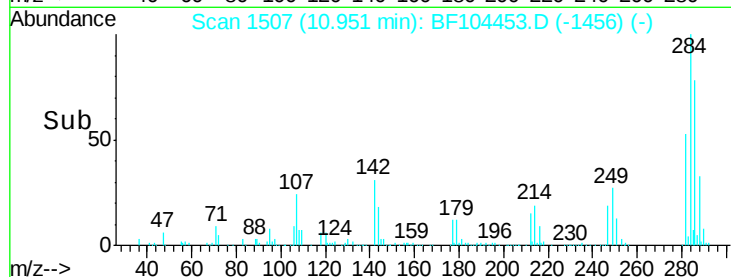
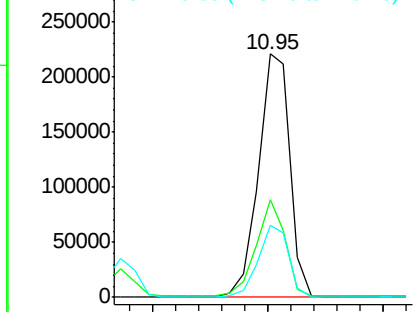
#67
Hexachlorobenzene
Concen: 51.115 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 209350
Ion Ratio Lower Upper
284 100
142 40.1 34.6 52.0
249 29.6 24.8 37.2

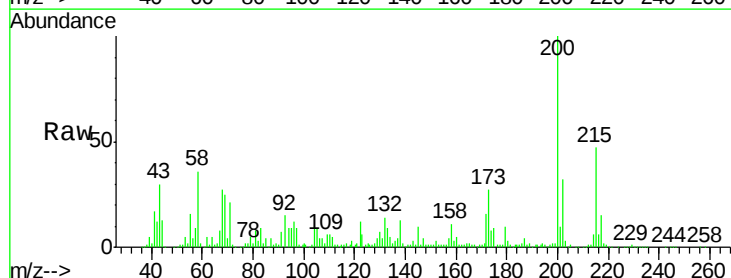


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

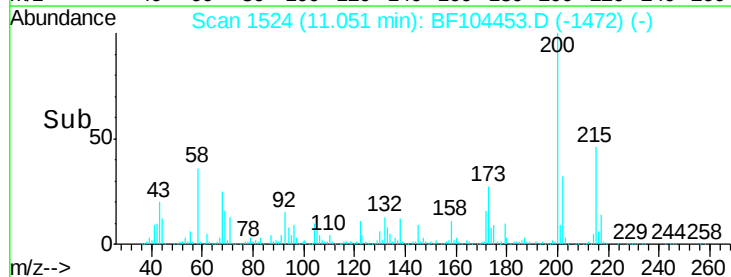
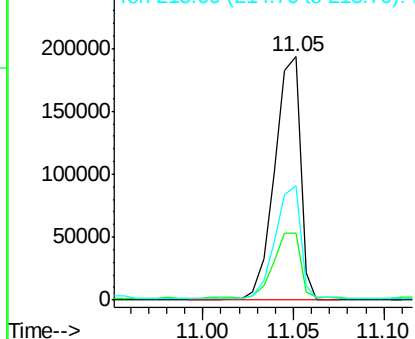


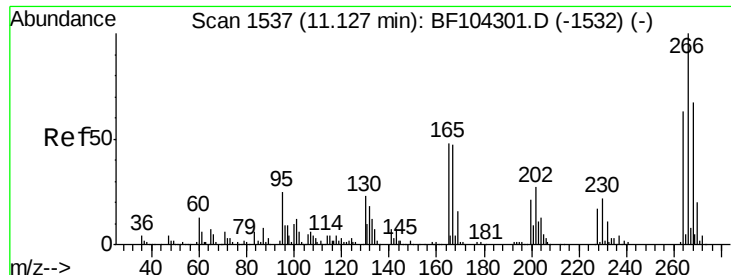
#68
Atrazine
Concen: 53.241 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:200 Resp: 190675
Ion Ratio Lower Upper
200 100
173 27.4 8.6 48.6
215 46.8 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

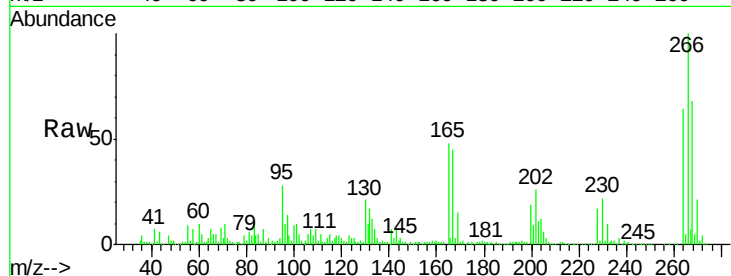




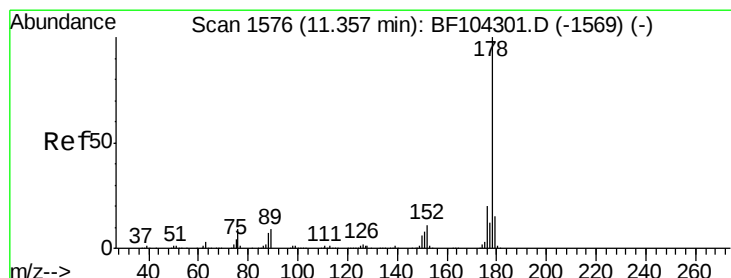
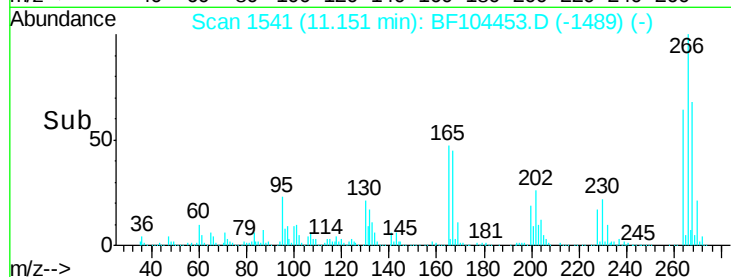
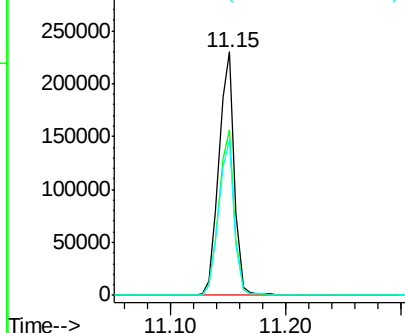
#69
 Pentachlorophenol
 Concen: 84.763 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 214769
 Ion Ratio Lower Upper
 266 100
 268 67.8 51.1 76.7
 264 63.6 49.5 74.3

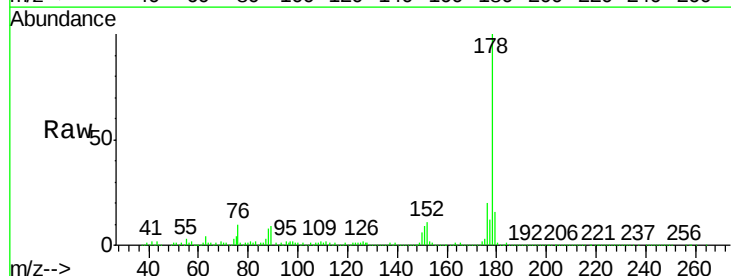


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

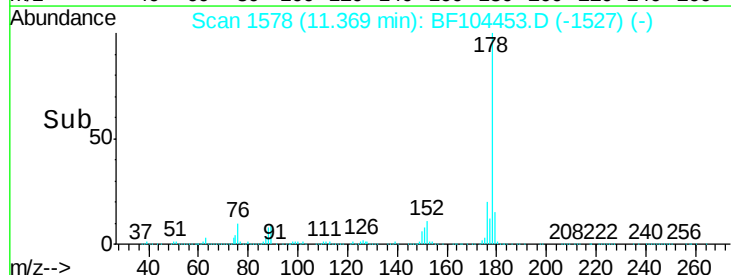
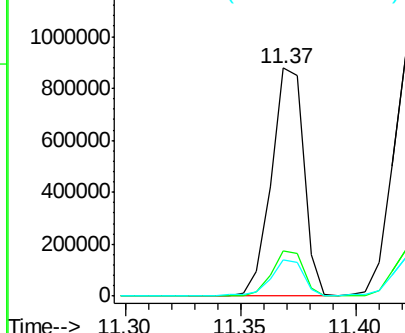


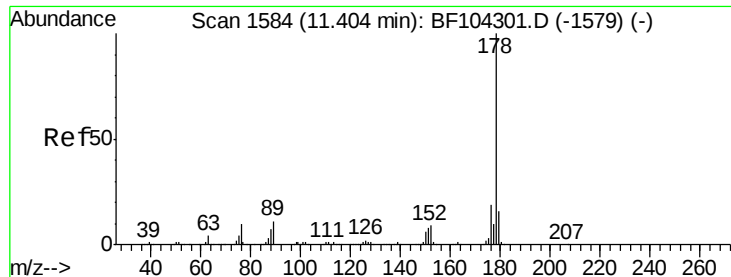
#70
 Phenanthrene
 Concen: 44.741 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion:178 Resp: 852618
 Ion Ratio Lower Upper
 178 100
 176 19.7 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: 43.235 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

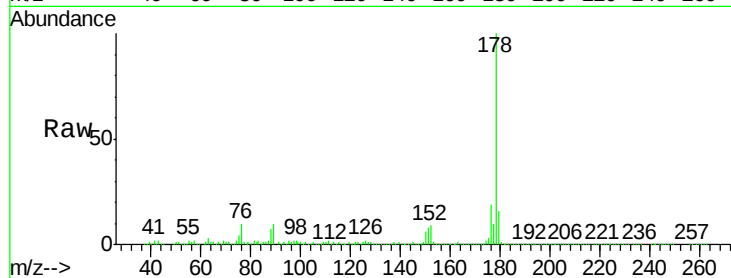
Tot Ion:178 Resp: 837522

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

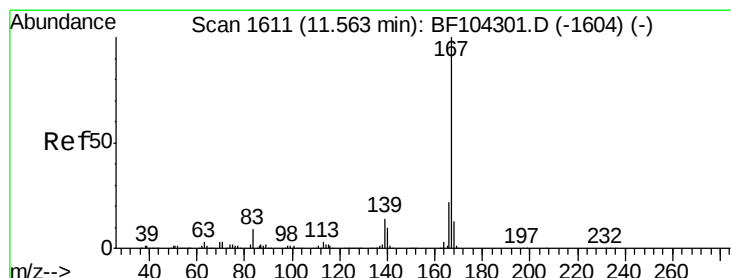
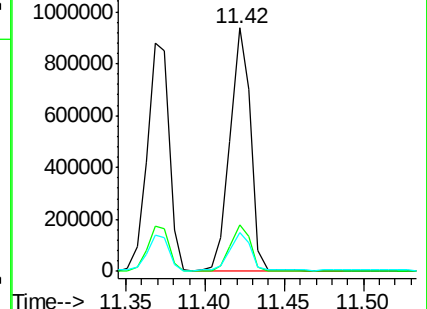
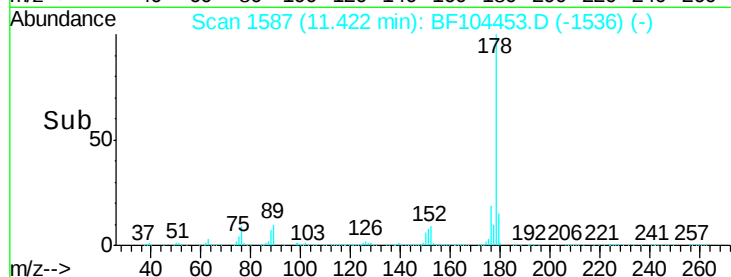
179 16.0 12.6 19.0



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: 43.763 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

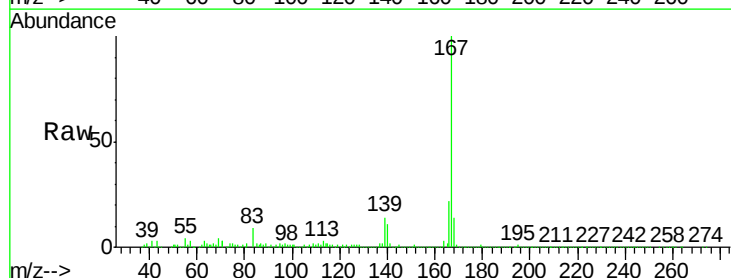
Tgt Ion:167 Resp: 828393

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

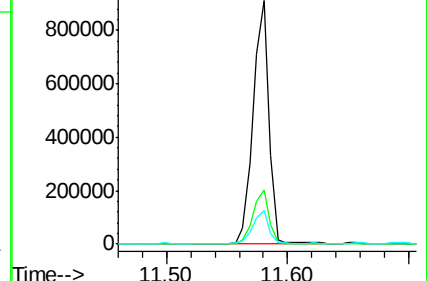
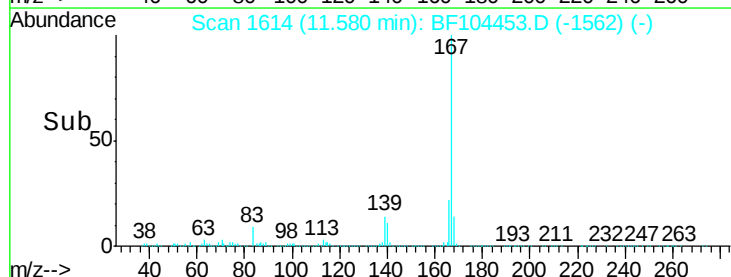
139 13.8 10.9 16.3

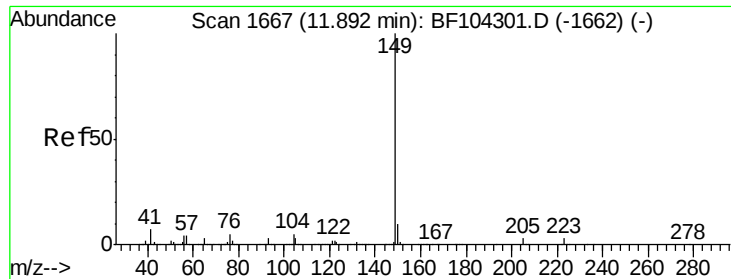


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.393 ng

RT: 11.91 min Scan# 1670

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

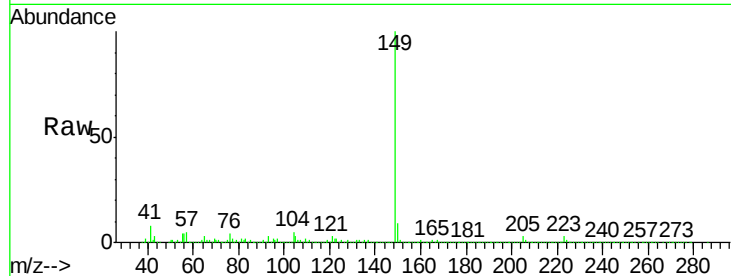
Tot Ion:149 Resp: 1026514

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

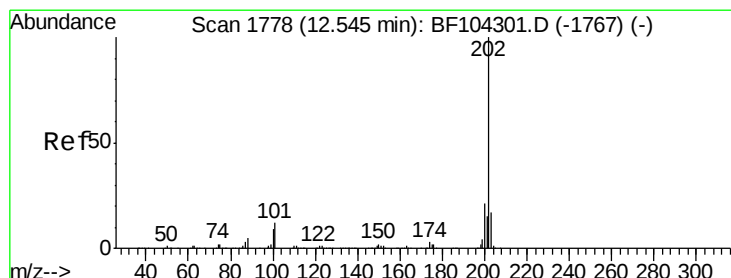
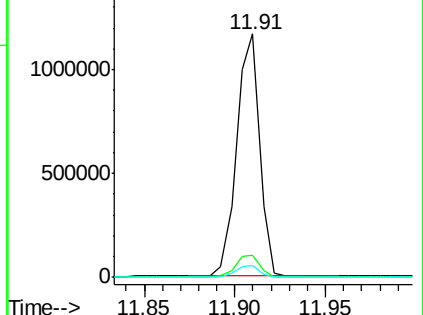
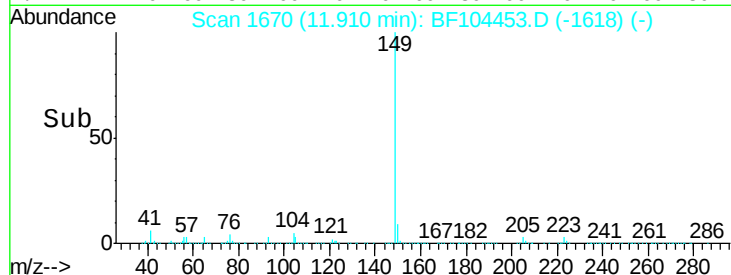
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.550 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.02 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

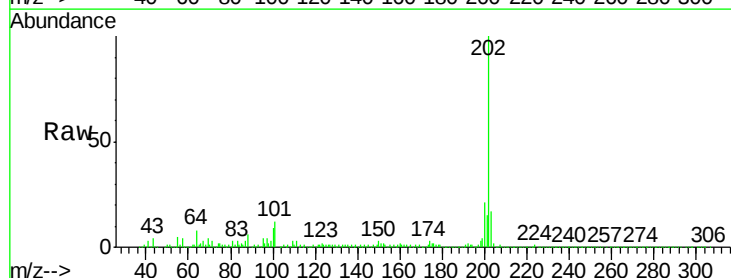
Tgt Ion:202 Resp: 787463

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

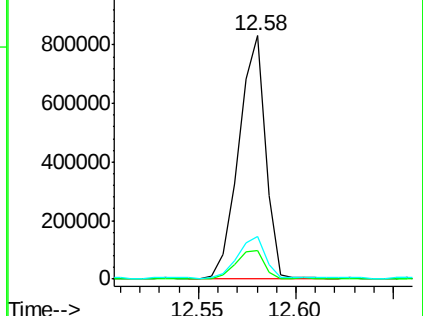
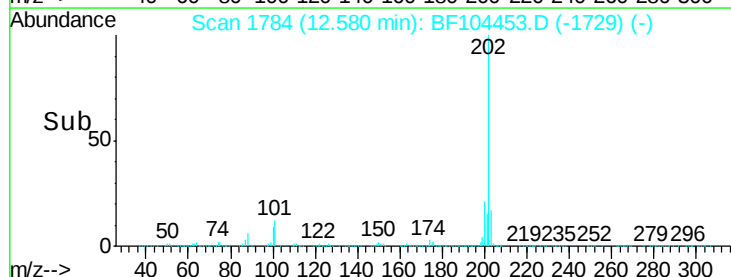
203 17.3 0.0 38.1

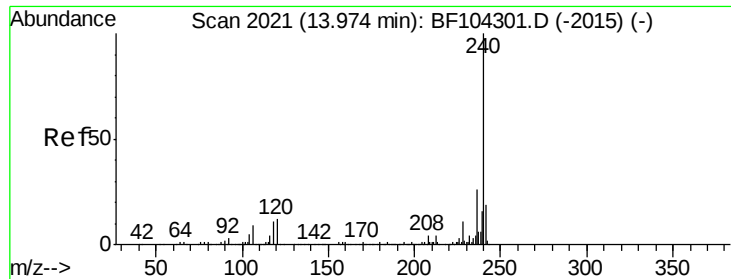


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

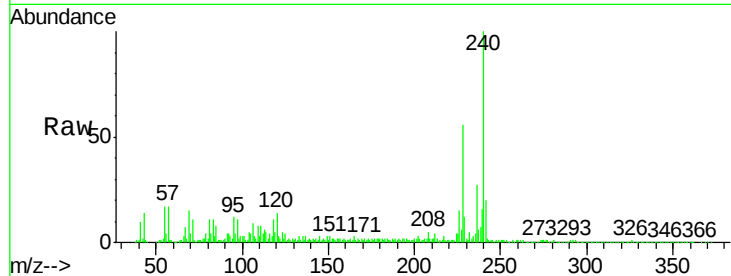
Tot Ion:240 Resp: 232477

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

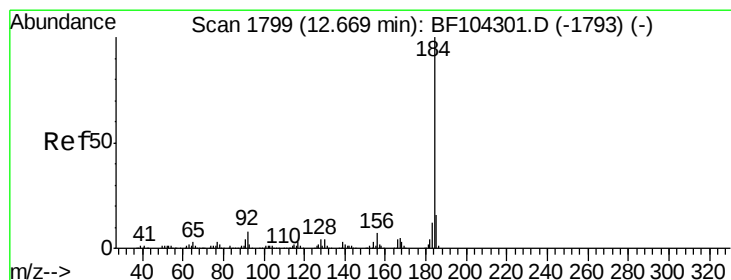
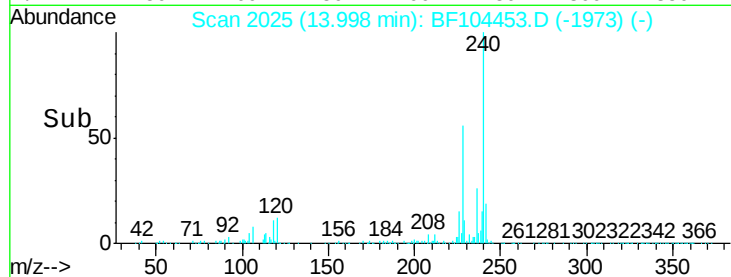
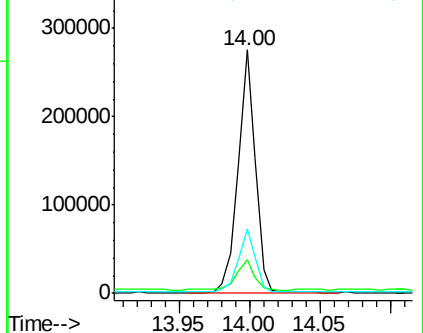
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.984 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

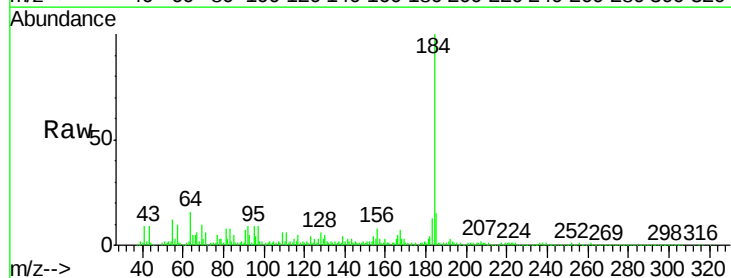
Tgt Ion:184 Resp: 331762

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

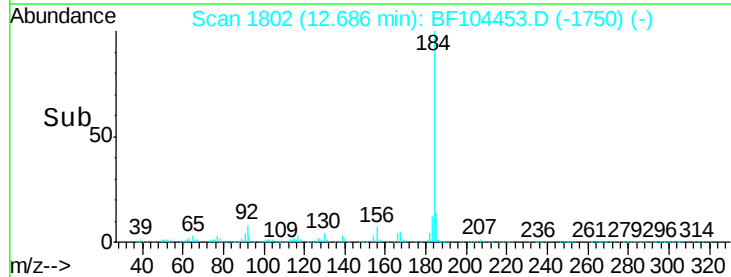
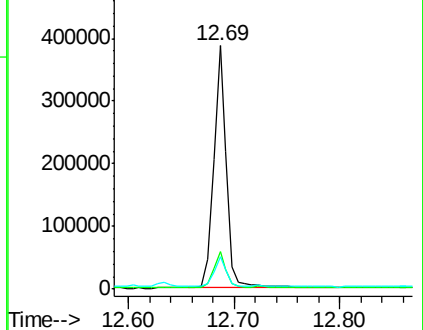
183 13.3 9.3 13.9

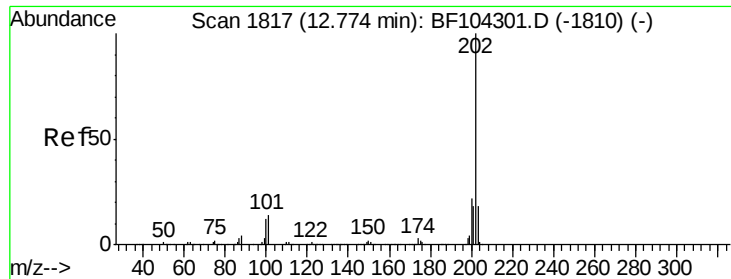


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.050 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 776305

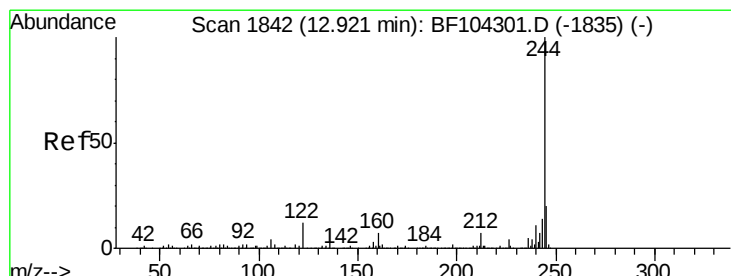
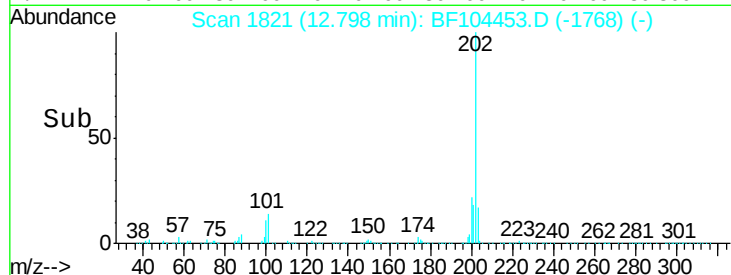
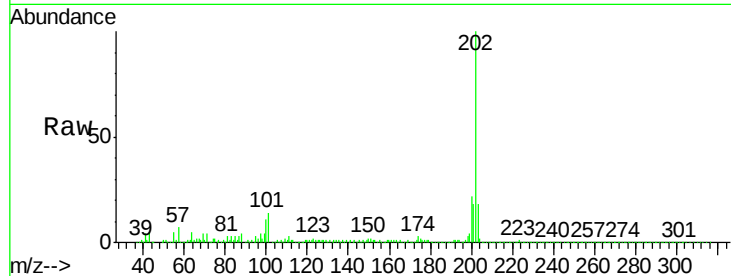
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.279 ng

RT: 12.94 min Scan# 1845

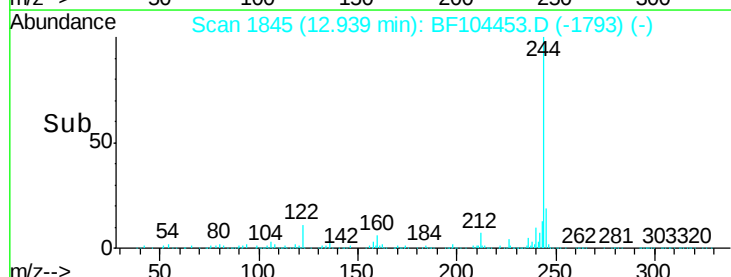
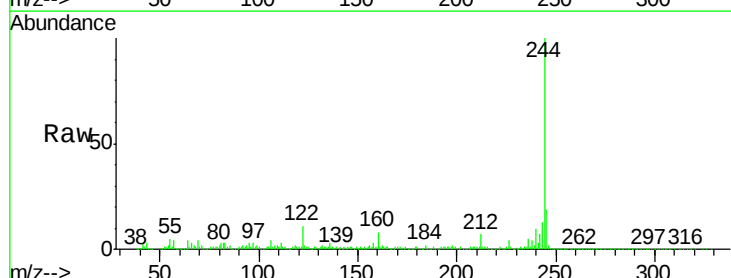
Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Tgt Ion:244 Resp: 910394

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.9	11.0	16.4

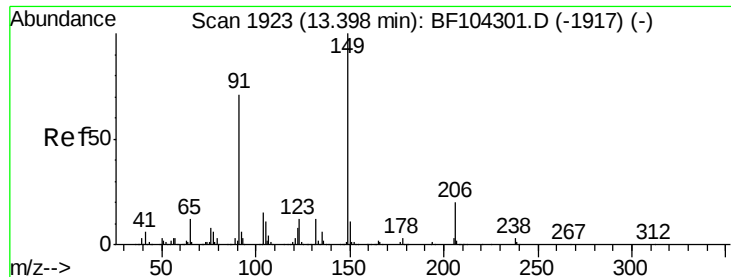


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

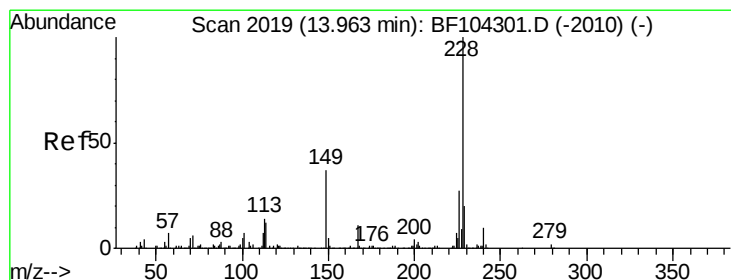
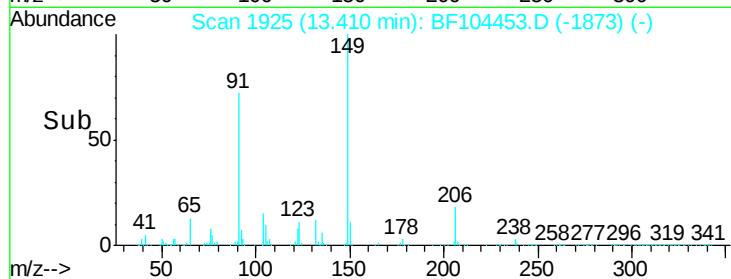
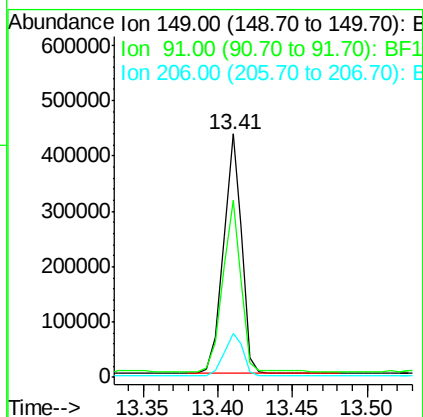
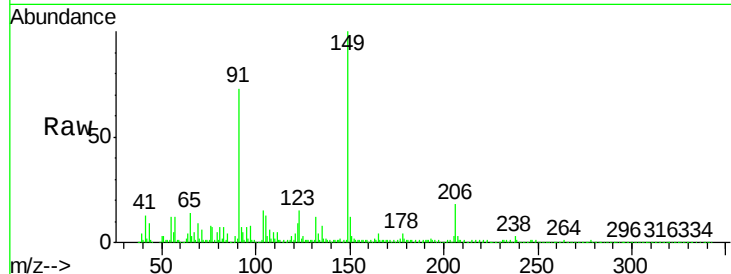
Ion 122.00 (121.70 to 122.70): E



#79
Butylbenzylphthalate
Concen: 45.795 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

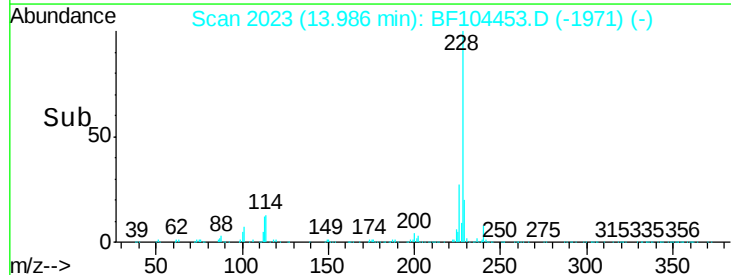
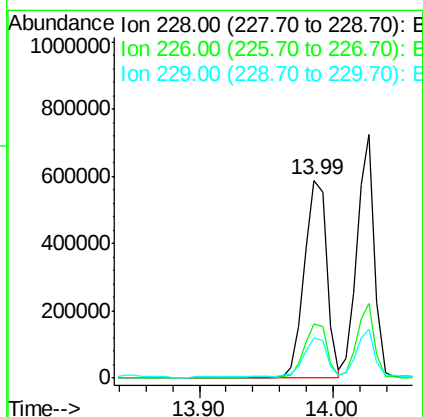
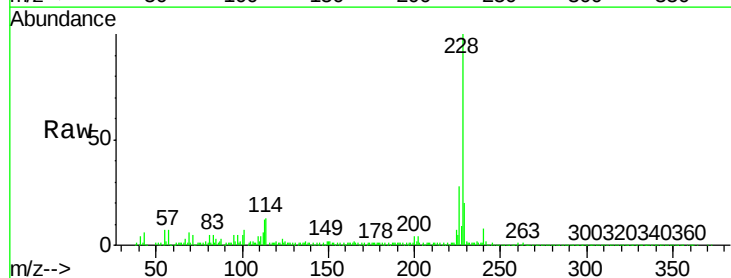
Instrument :
BNA_F
ClientSampled :

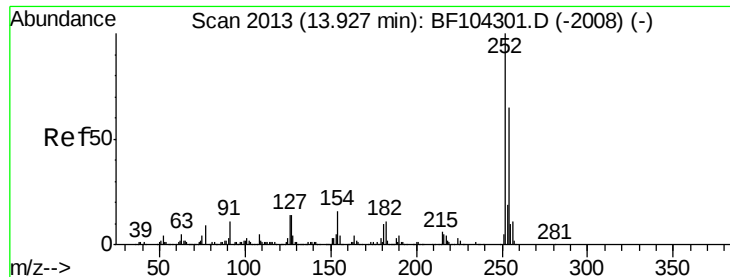
Tot Ion:149 Resp: 371778
Ion Ratio Lower Upper
149 100
91 72.9 56.8 85.2
206 18.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 48.289 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:228 Resp: 670662
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.5 15.8 23.6

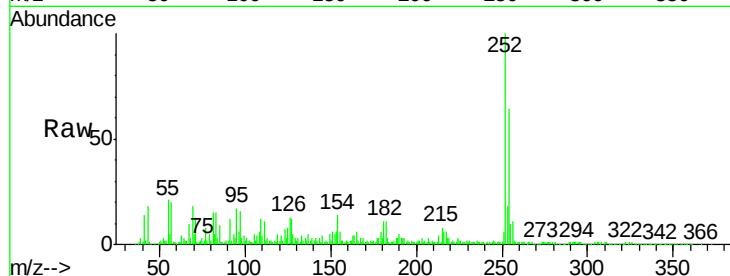




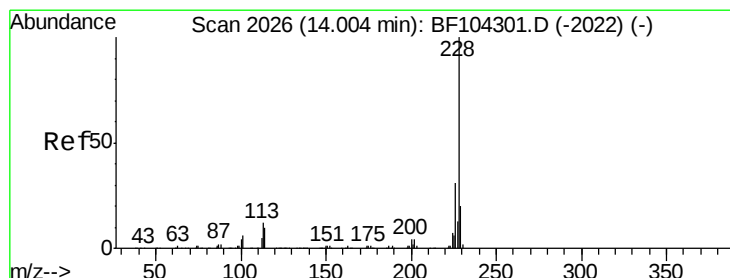
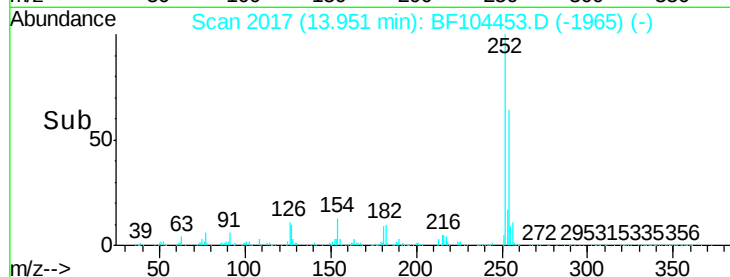
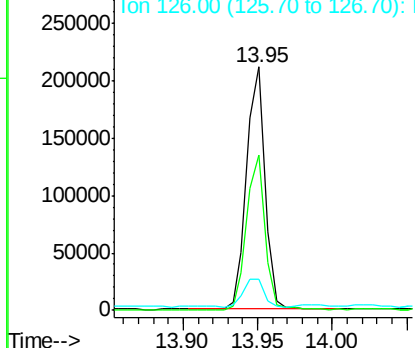
#81
 3,3'-Dichlorobenzidine
 Concen: 35.042 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 181459
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.4 75.6
 126 12.6 11.3 16.9

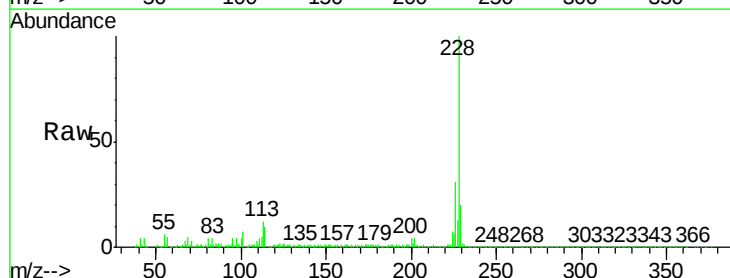


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

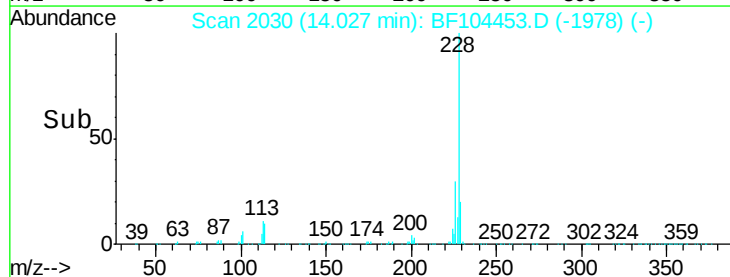
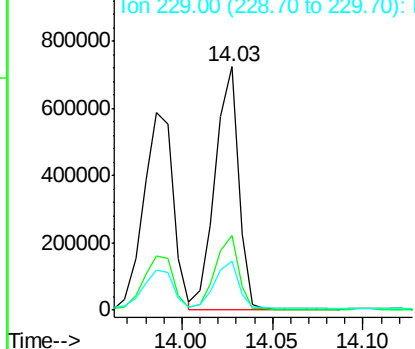


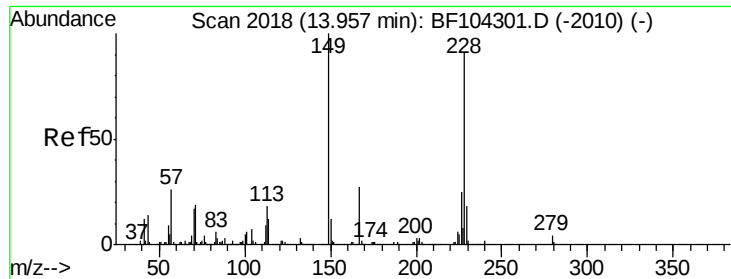
#82
 Chrysene
 Concen: 45.846 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion:228 Resp: 654011
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.0 16.2 24.4



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

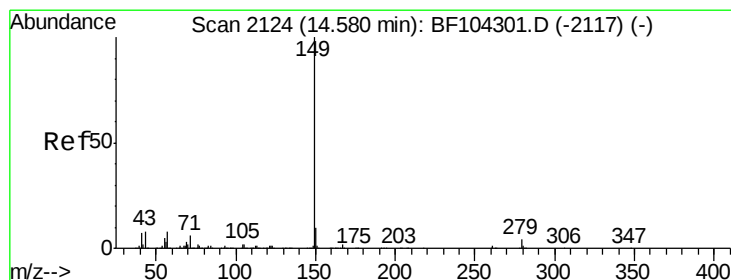
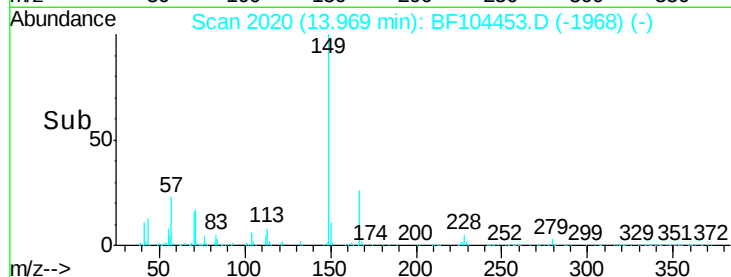
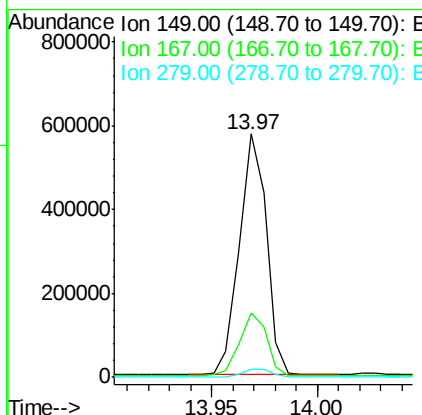
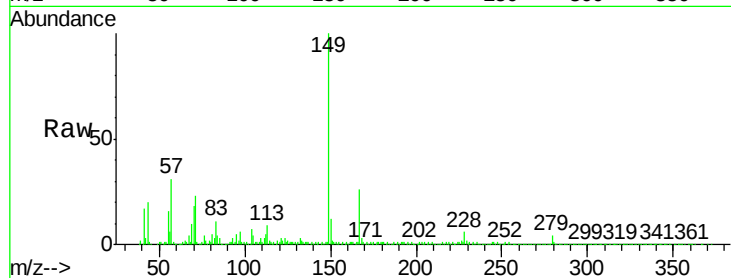




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.397 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

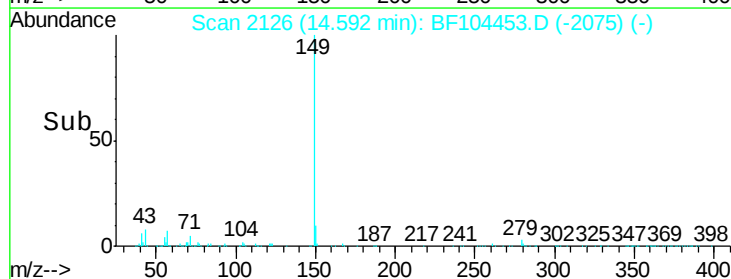
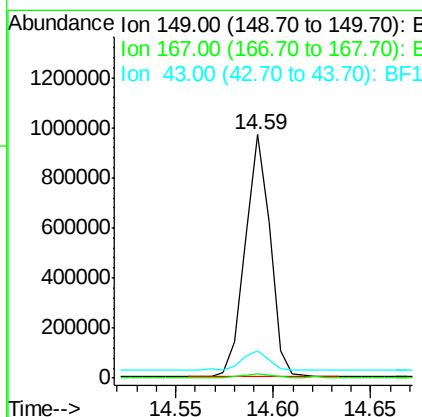
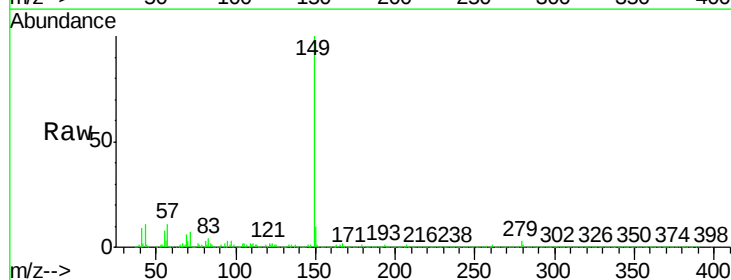
Instrument :
 BNA_F
 ClientSampleId :

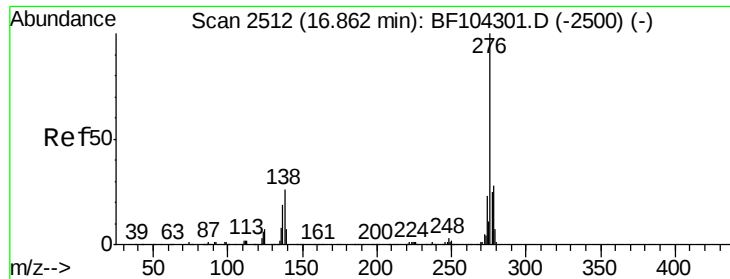
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.5	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 48.877 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.9	8.4	12.6

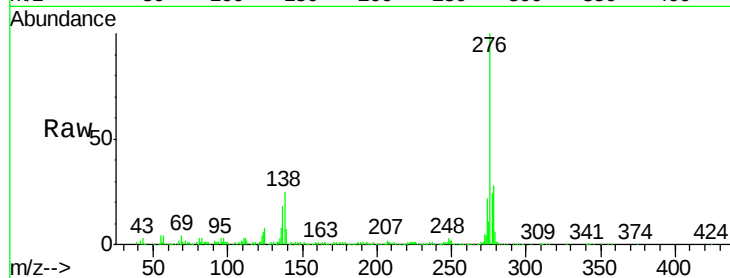




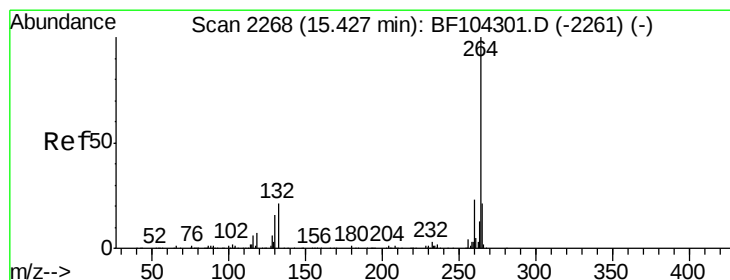
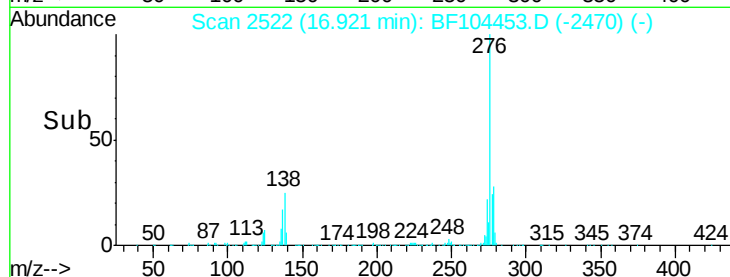
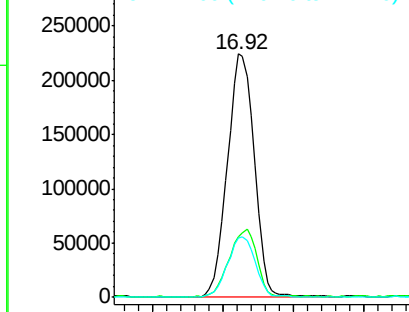
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.917 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.0	37.6
277	25.2	20.1	30.1

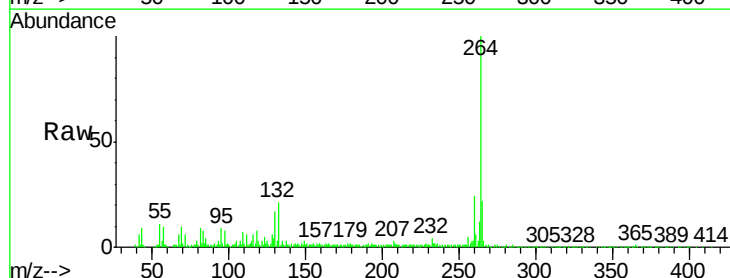


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

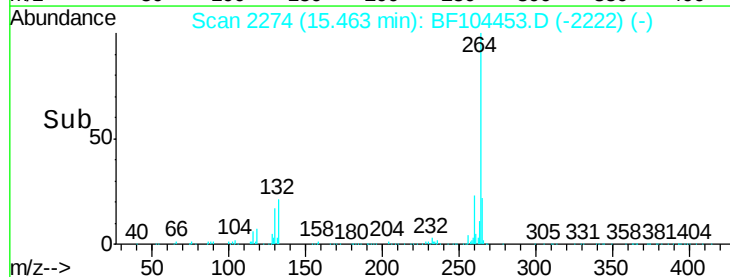
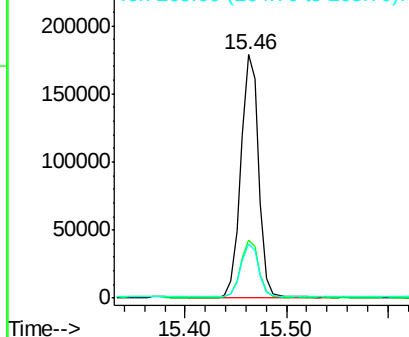


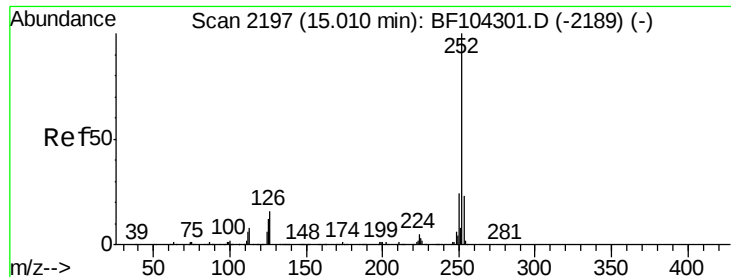
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF104453.D
 Acq: 12 Apr 2018 16:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	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

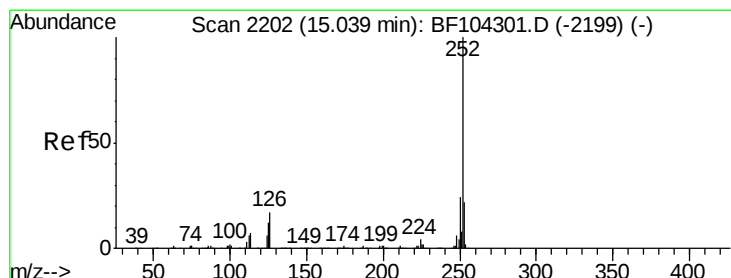
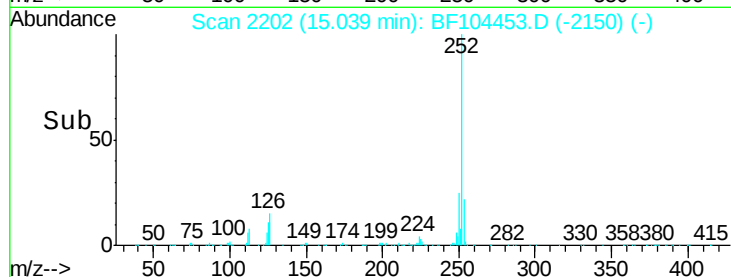
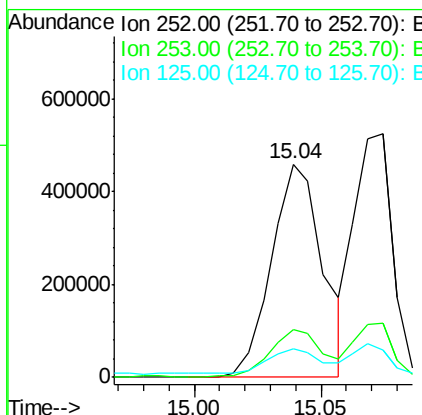
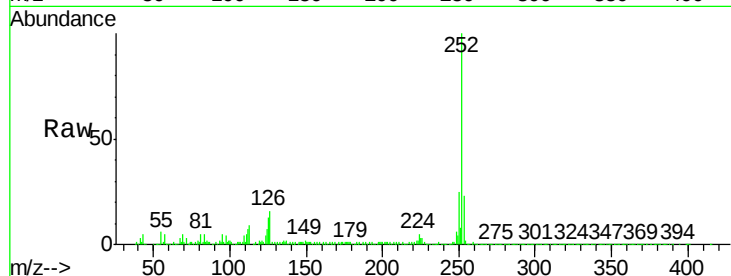




#87
Benzo(b)fluoranthene
Concen: 46.928 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

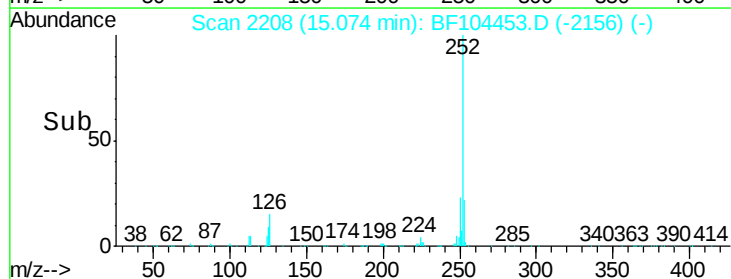
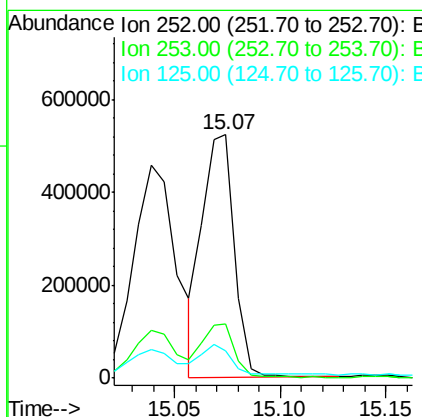
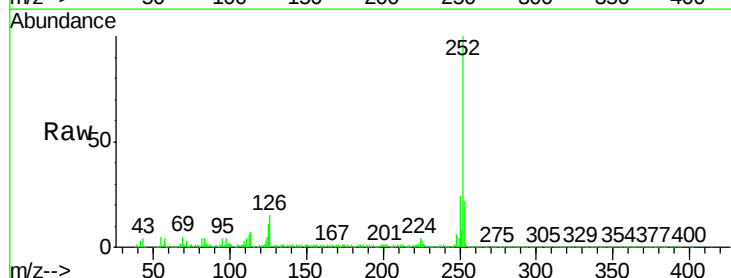
Instrument :
BNA_F
ClientSampleId :

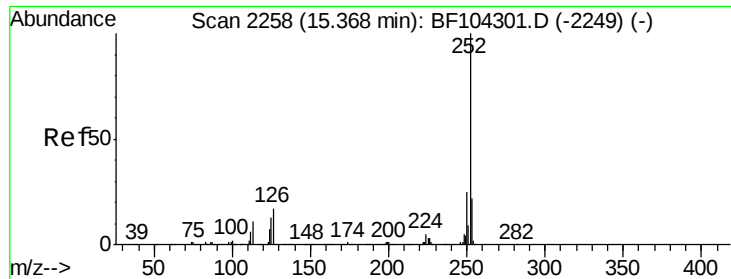
Tot Ion:252 Resp: 646920
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.457 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF104453.D
Acq: 12 Apr 2018 16:15

Tgt Ion:252 Resp: 552558
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 45.928 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

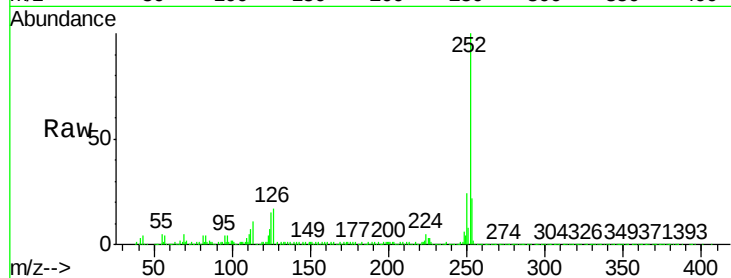
Tot Ion:252 Resp: 566496

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

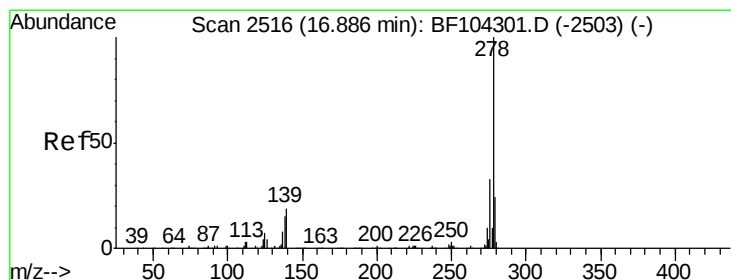
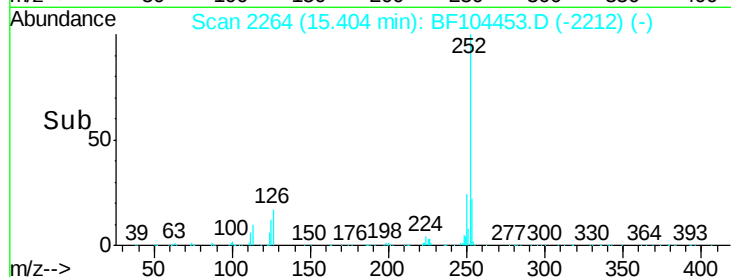
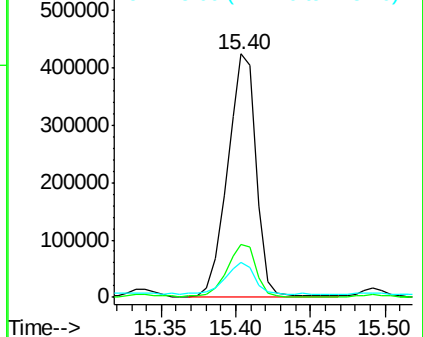
125 14.5 9.8 14.6



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: 48.030 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

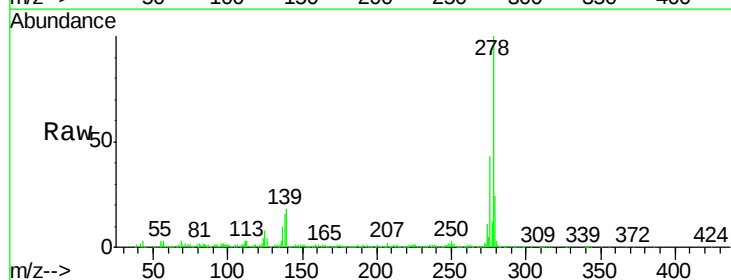
Tgt Ion:278 Resp: 486564

Ion Ratio Lower Upper

278 100

139 17.9 15.9 23.9

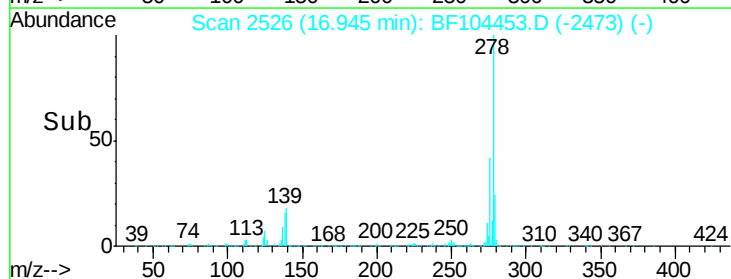
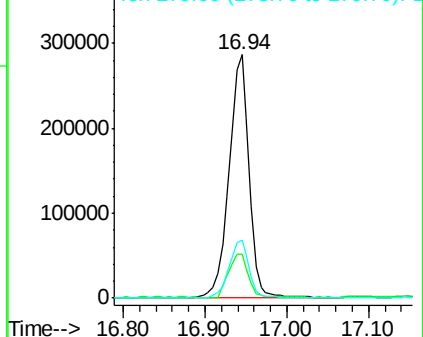
279 23.7 19.0 28.4

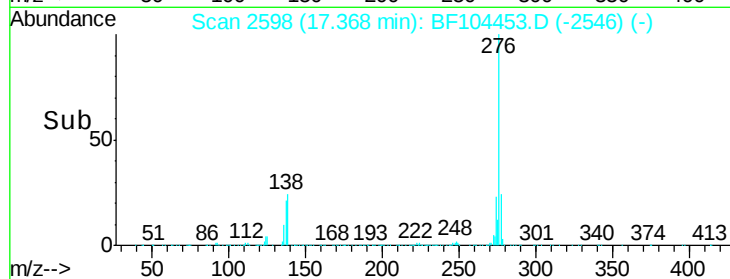
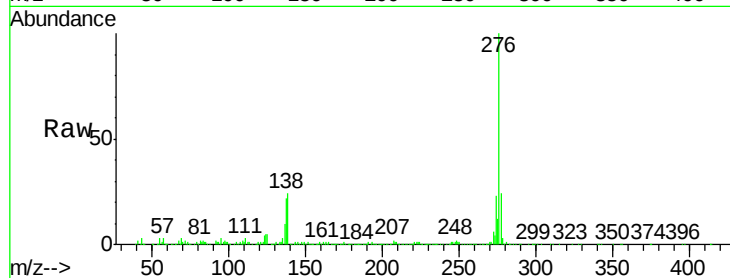
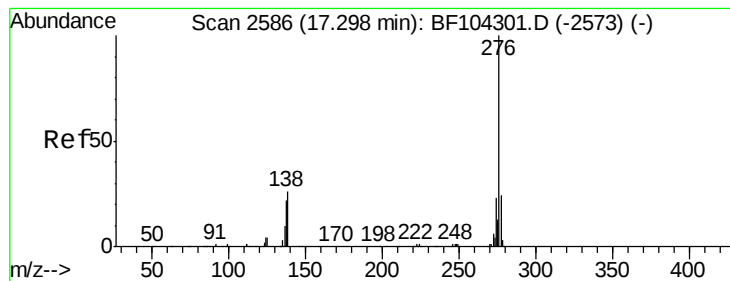


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.691 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.01 min

Lab File: BF104453.D

Acq: 12 Apr 2018 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 477883

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 24.1 21.8 32.8

