

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104304.D
 Acq On : 6 Apr 2018 14:13
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 14:47:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 13:46:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	134096	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	550245	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	253801	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	466029	20.00	ng	0.00
75) Chrysene-d12	13.98	240	332264	20.00	ng	0.00
86) Perylene-d12	15.43	264	279973	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1259930	149.84	ng	0.00
7) Phenol-d6	6.44	99	1538308	148.70	ng	0.01
23) Nitrobenzene-d5	7.38	82	1358479	150.98	ng	0.01
41) 2,4,6-Tribromophenol	10.64	330	386330	136.70	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2041170	126.82	ng	0.01
78) Terphenyl-d14	12.93	244	2011365	139.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	318645	87.864	ng	91
3) Pyridine	3.26	79	889816	96.920	ng	90
4) n-Nitrosodimethylamine	3.24	42	314014	115.069	ng	86
6) Aniline	6.48	93	1113517	89.913	ng	100
8) 2-Chlorophenol	6.59	128	656939	71.222	ng	98
9) Benzaldehyde	6.36	77	304795	55.512	ng	99
10) Phenol	6.46	94	888675	77.530	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	665745	67.401	ng	98
12) 1,3-Dichlorobenzene	6.75	146	751914	72.520	ng	100
13) 1,4-Dichlorobenzene	6.83	146	744886	67.048	ng	99
14) 1,2-Dichlorobenzene	6.98	146	666132	66.709	ng	98
15) Benzyl Alcohol	6.96	79	567021	84.300	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	897419	83.396	ng	93
17) 2-Methylphenol	7.06	107	598874	79.773	ng	98
18) Hexachloroethane	7.32	117	273782	73.603	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	509513	82.991	ng	93
20) 3+4-Methylphenols	7.22	107	659721	68.857	ng	# 73
22) Acetophenone	7.23	105	911559	68.471	ng	# 98
24) Nitrobenzene	7.40	77	728408	76.943	ng	100
25) Isophorone	7.64	82	1349873	81.408	ng	98
26) 2-Nitrophenol	7.71	139	336726	68.141	ng	96
27) 2,4-Dimethylphenol	7.75	122	590584	82.868	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	793386	76.343	ng	99
29) 2,4-Dichlorophenol	7.95	162	548930	73.742	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	580333	68.710	ng	99
31) Naphthalene	8.12	128	1899901	70.677	ng	99
32) Benzoic acid	7.91	122	576050	110.336	ng	99
33) 4-Chloroaniline	8.16	127	836006	73.768	ng	99
34) Hexachlorobutadiene	8.23	225	319412	69.496	ng	98
35) Caprolactam	8.57	113	196239	83.140	ng	86
36) 4-Chloro-3-methylphenol	8.65	107	598833	76.056	ng	99
37) 2-Methylnaphthalene	8.80	142	1209407	68.301	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	507951	65.265	ng	99
40) Hexachlorocyclopentadiene	8.96	237	323412	100.869	ng	98

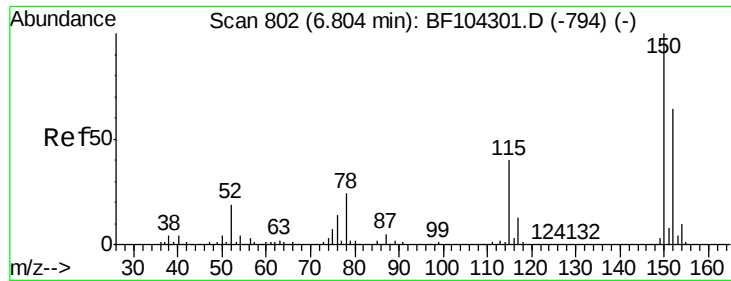
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
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Instrument :
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 QLast Update : Fri Apr 06 13:46:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	374036	75.896	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	420953	70.743	nq	97
45) 1,1'-Biphenyl	9.27	154	1425664	65.448	nq	99
46) 2-Chloronaphthalene	9.30	162	1172843	68.257	nq	99
47) 2-Nitroaniline	9.39	65	374010	76.335	nq	95
48) Acenaphthylene	9.72	152	1790013	68.764	nq	99
49) Dimethylphthalate	9.58	163	1447872	72.255	nq	99
50) 2,6-Dinitrotoluene	9.64	165	316090	73.320	nq	97
51) Acenaphthene	9.89	154	1129726	75.021	nq	100
52) 3-Nitroaniline	9.81	138	370036	74.668	nq	95
53) 2,4-Dinitrophenol	9.90	184	121359	74.441	nq	# 21
54) Dibenzofuran	10.06	168	1523914	69.299	nq	96
55) 4-Nitrophenol	9.96	139	295010	99.281	nq	92
56) 2,4-Dinitrotoluene	10.04	165	404675	73.563	nq	94
57) Fluorene	10.40	166	1109958	61.190	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	304765	68.361	nq	98
59) Diethylphthalate	10.28	149	1396939	72.770	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	491267	58.966	nq	99
61) 4-Nitroaniline	10.43	138	361080	77.868	nq	99
62) Azobenzene	10.55	77	1345274	77.501	nq	98
64) 4,6-Dinitro-2-methylphenol	10.45	198	195709	69.376	nq	88
65) n-Nitrosodiphenylamine	10.52	169	1107781	70.189	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	349321	70.063	nq	96
67) Hexachlorobenzene	10.95	284	395525	68.964	nq	# 87
68) Atrazine	11.04	200	310025	64.118	nq	99
69) Pentachlorophenol	11.13	266	259181	82.124	nq	97
70) Phenanthrene	11.36	178	1724065	68.330	nq	99
71) Anthracene	11.42	178	1740438	66.038	nq	99
72) Carbazole	11.57	167	1727645	68.683	nq	98
73) Di-n-butylphthalate	11.90	149	2098673	70.044	nq	99
74) Fluoranthene	12.55	202	1774972	66.182	nq	98
76) Benzidine	12.93	184	27737	2.929	nq	97
77) Pyrene	12.78	202	1836550	76.891	nq	99
79) Butylbenzylphthalate	13.40	149	899870	79.968	nq	93
80) Benzo(a)anthracene	13.97	228	1388099	66.767	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	504794	73.353	nq	97
82) Chrysene	14.01	228	1466296	72.007	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1044342	71.828	nq	99
84) Di-n-octyl phthalate	14.58	149	1836037	73.411	nq	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	1196541	56.704	nq	98
87) Benzo(b)fluoranthene	15.02	252	1393880	81.806	nq	98
88) Benzo(k)fluoranthene	15.04	252	1231531	76.727	nq	100
89) Benzo(a)pyrene	15.37	252	1194801	75.669	nq	98
90) Dibenzo(a,h)anthracene	16.90	278	974609	66.760	nq	98
91) Benzo(g,h,i)perylene	17.32	276	992932	67.905	nq	97

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

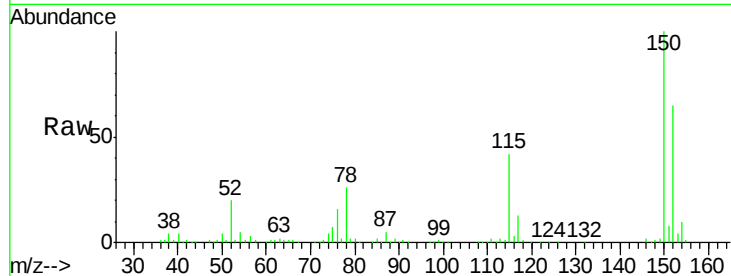


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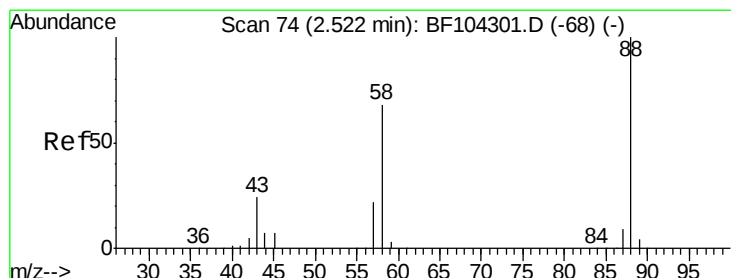
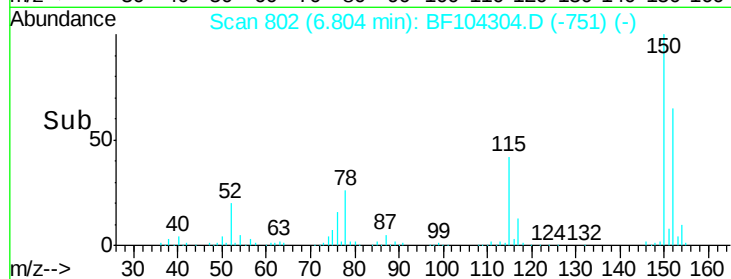
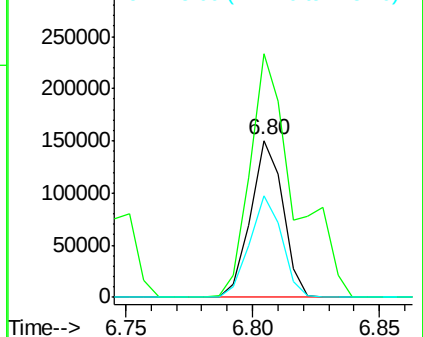
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 134096
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 64.8 50.1 75.1



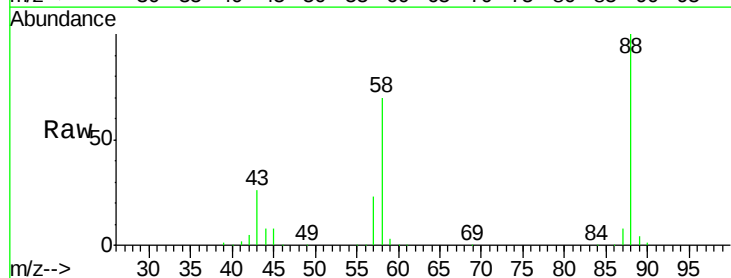
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



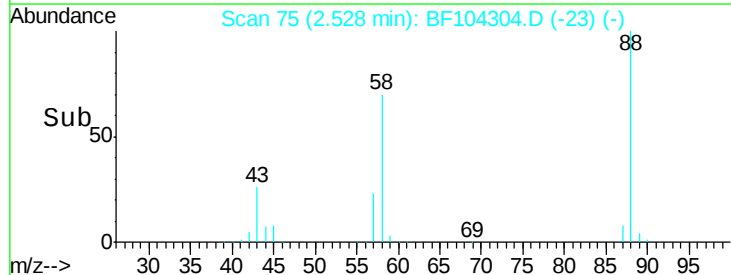
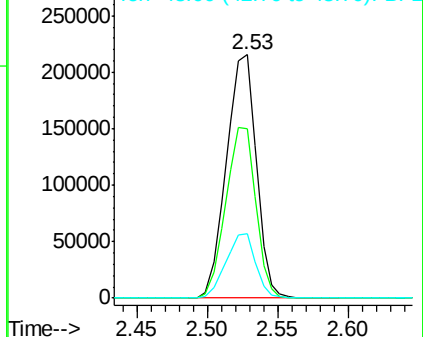
#2

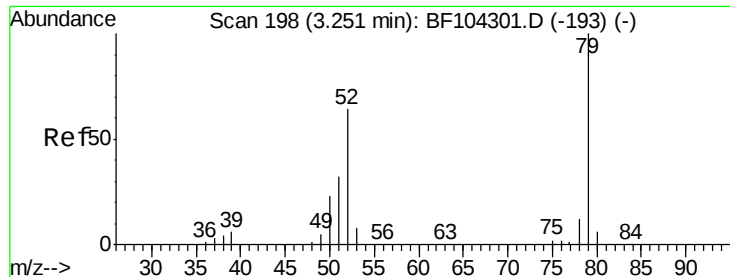
1,4-Dioxane
Concen: 87.864 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion: 88 Resp: 318645
Ion Ratio Lower Upper
88 100
58 70.2 62.6 93.8
43 26.2 24.6 37.0



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





#3

Pvridine

Concen: 96.920 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

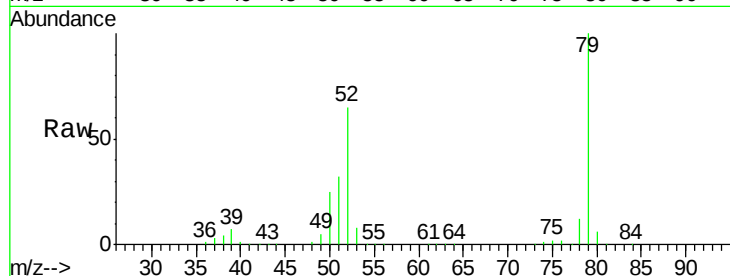
Tot Ion: 79 Resp: 889816

Ion Ratio Lower Upper

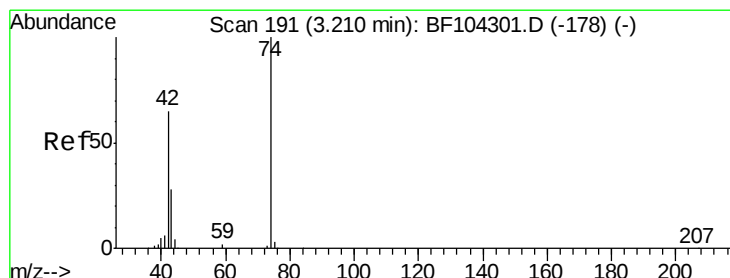
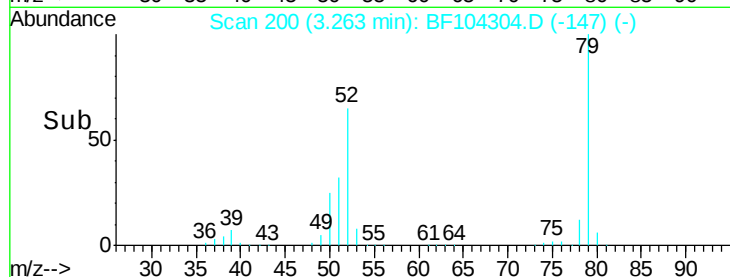
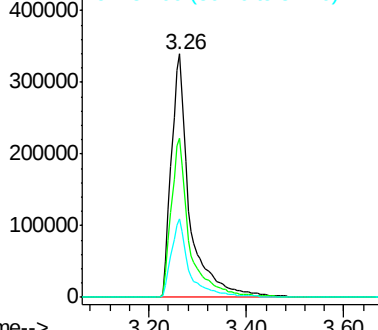
79 100

52 65.4 59.8 89.6

51 32.0 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 115.069 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.03 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

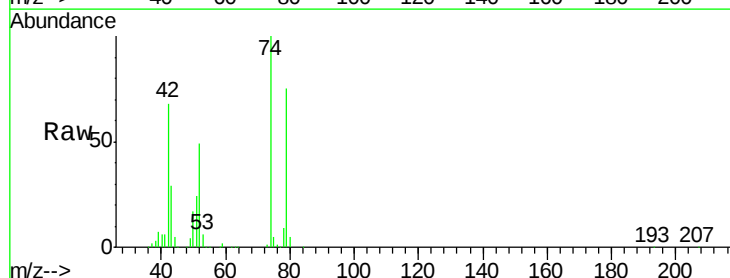
Tgt Ion: 42 Resp: 314014

Ion Ratio Lower Upper

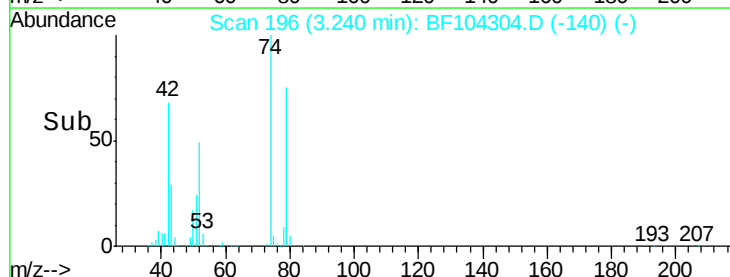
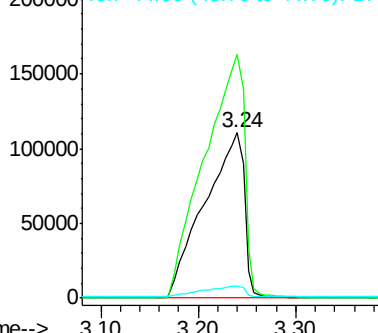
42 100

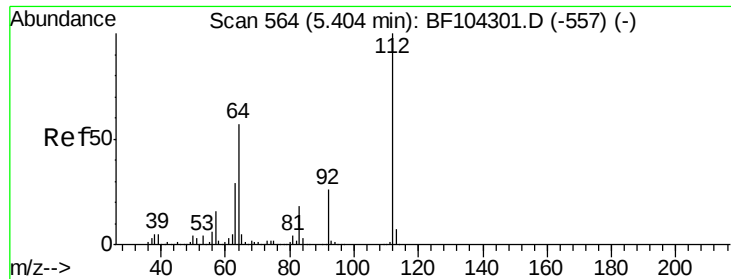
74 147.6 104.9 157.3

44 7.0 6.9 10.3



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





#5

2-Fluorophenol

Concen: 149.838 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

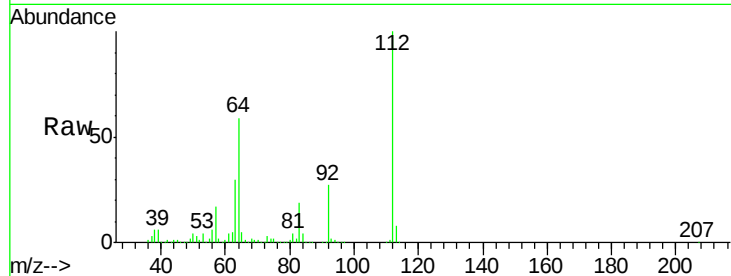
Tot Ion:112 Resp: 1259930

Ion Ratio Lower Upper

112 100

64 59.3 47.9 71.9

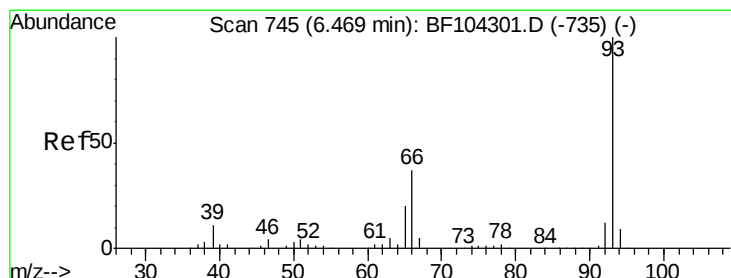
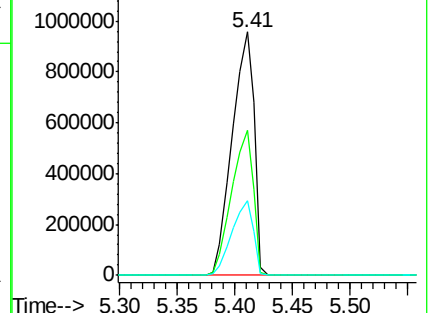
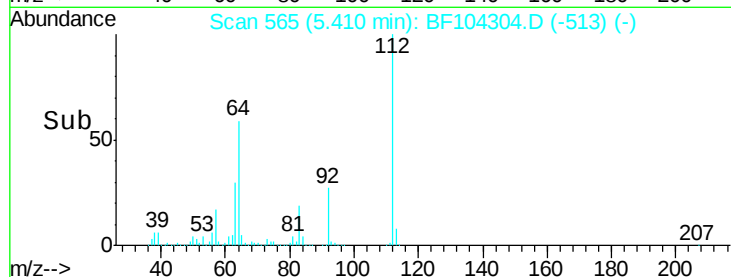
63 30.4 23.7 35.5



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: 89.913 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

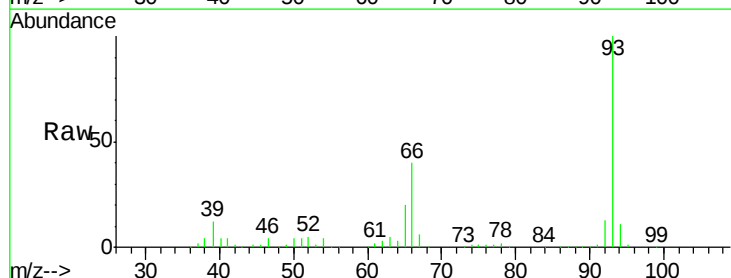
Tgt Ion: 93 Resp: 1113517

Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

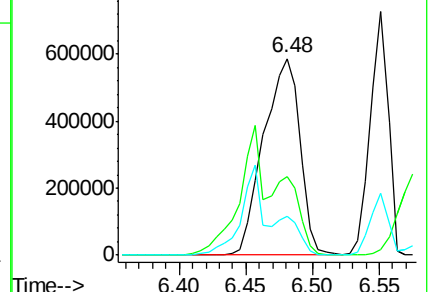
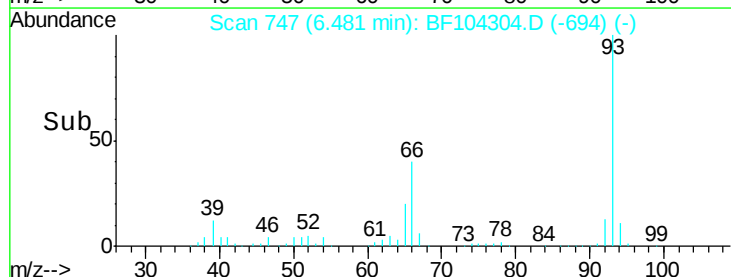
65 19.9 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 148.699 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

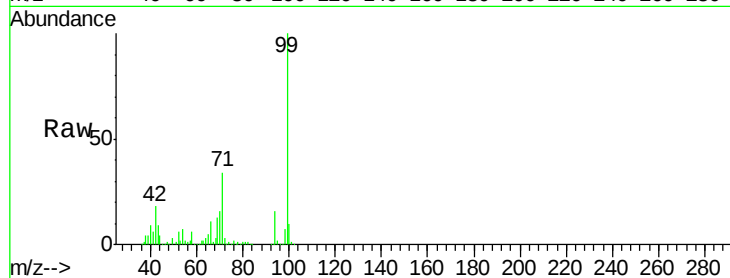
Tot Ion: 99 Resp: 1538308

Ion Ratio Lower Upper

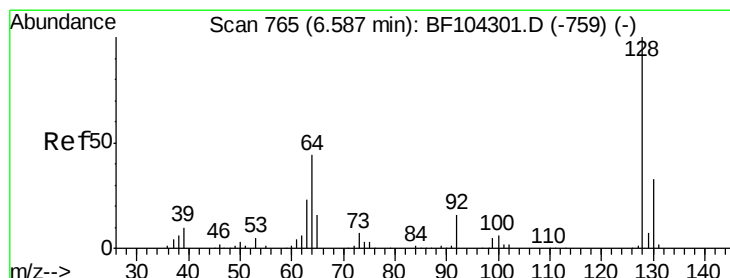
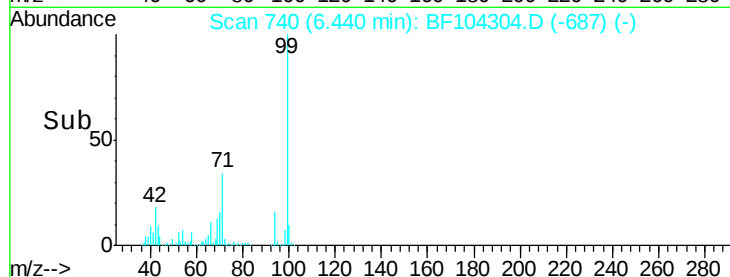
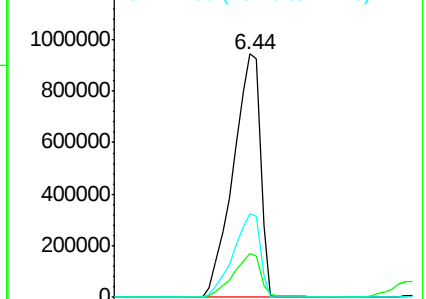
99 100

42 18.1 14.5 21.7

71 34.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 71.222 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

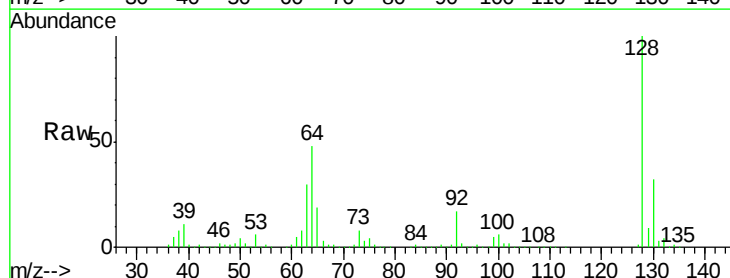
Tgt Ion:128 Resp: 656939

Ion Ratio Lower Upper

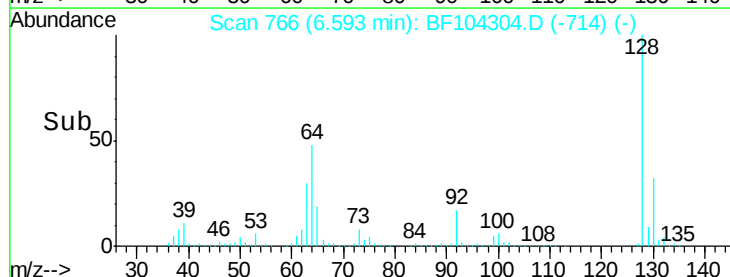
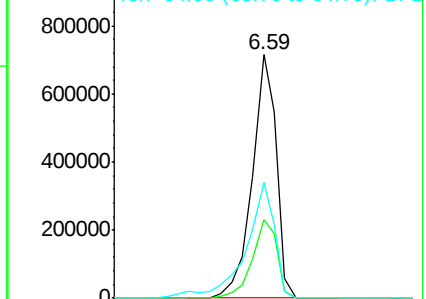
128 100

130 32.5 13.0 53.0

64 47.7 29.4 69.4



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





#9

Benzaldehyde

Concen: 55.512 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

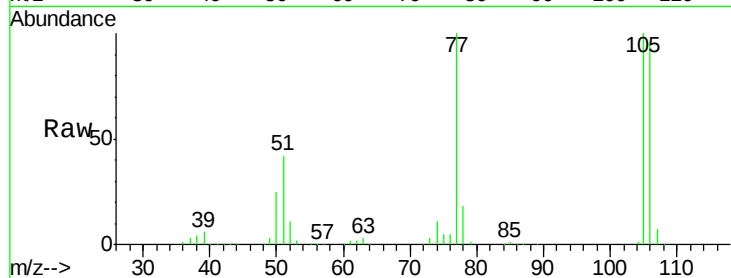
Tot Ion: 77 Resp: 304795

Ion Ratio Lower Upper

77 100

105 100.0 81.1 121.1

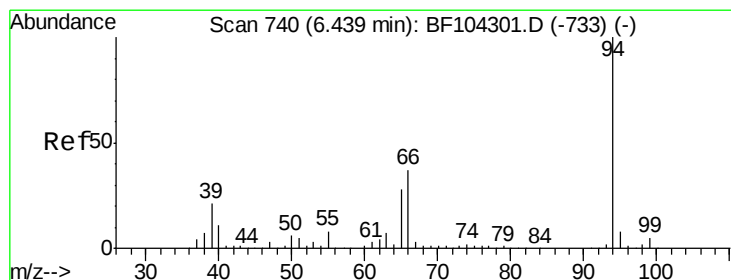
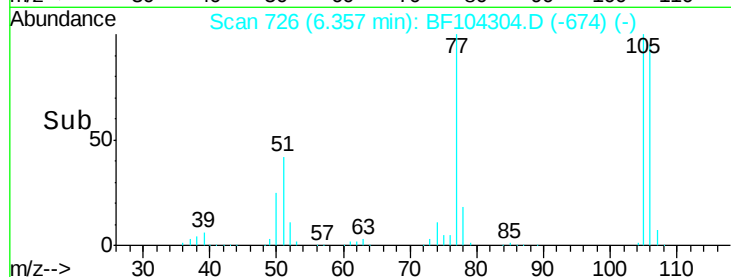
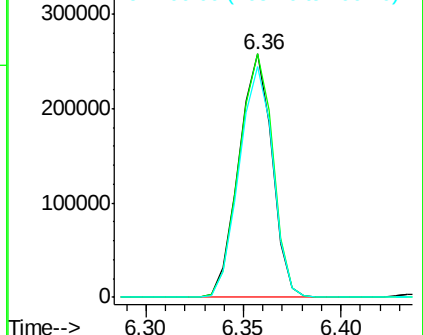
106 95.0 74.5 114.5



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: 77.530 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

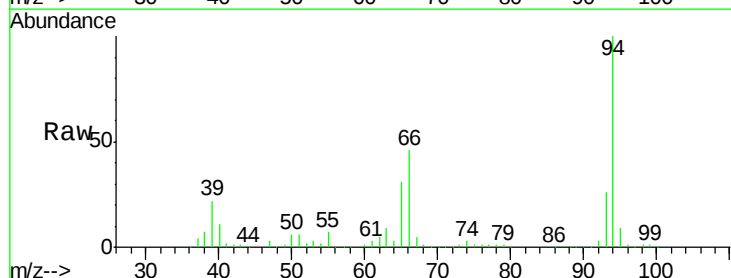
Tgt Ion: 94 Resp: 888675

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

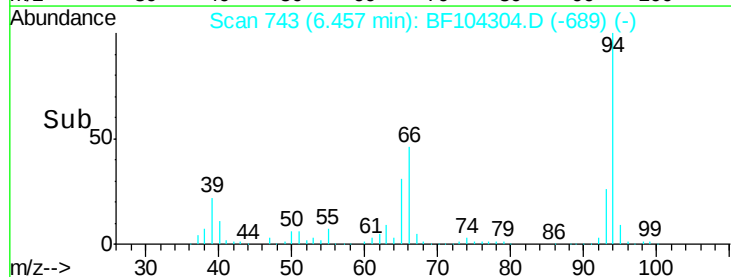
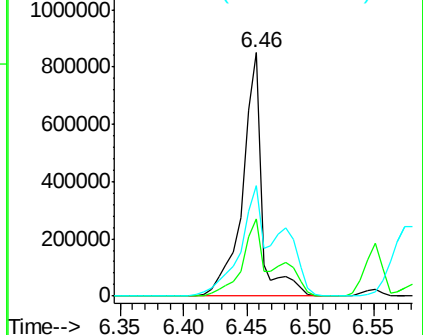
66 45.5 16.2 56.2

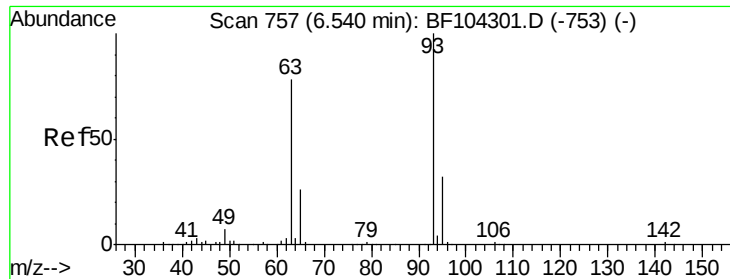


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

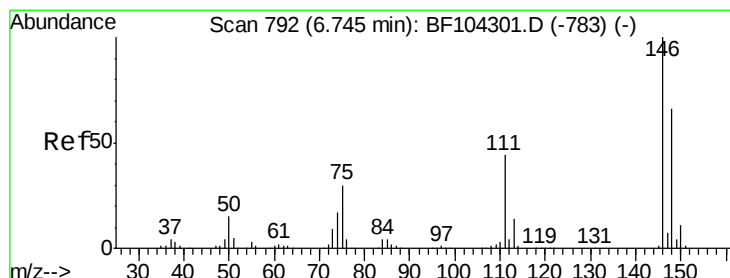
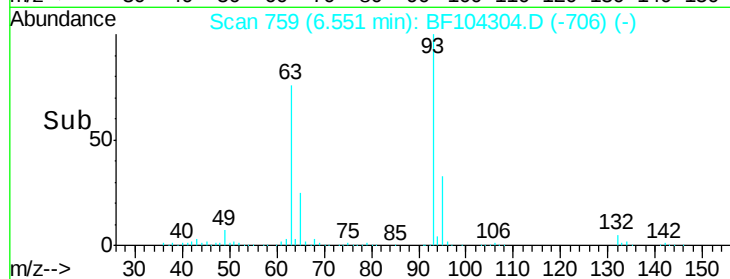
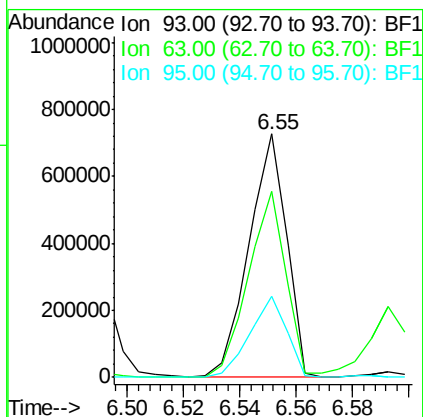
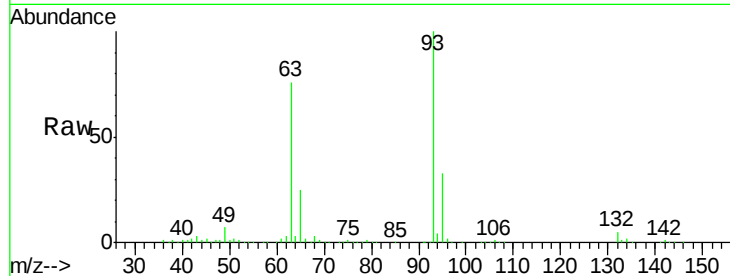




#11
bis(2-Chloroethyl)ether
Concen: 67.401 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

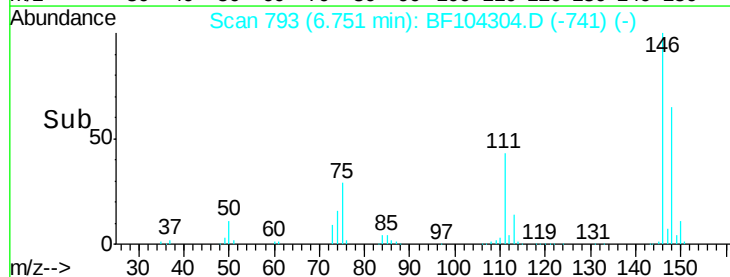
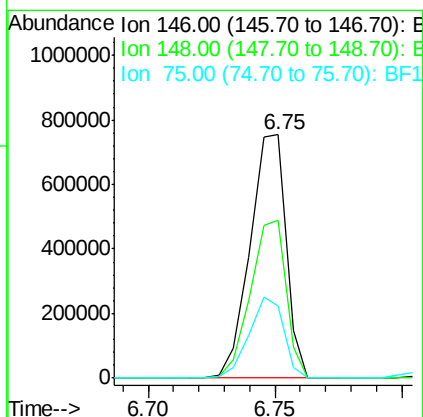
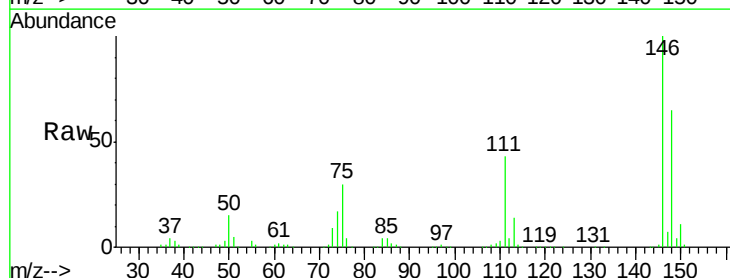
Instrument :
BNA_F
ClientSampleId :

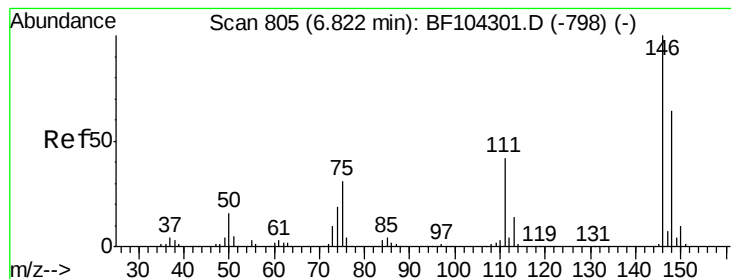
Tot Ion: 93 Resp: 665745
Ion Ratio Lower Upper
93 100
63 76.4 58.6 98.6
95 33.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 72.520 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion: 146 Resp: 751914
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 29.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 67.048 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

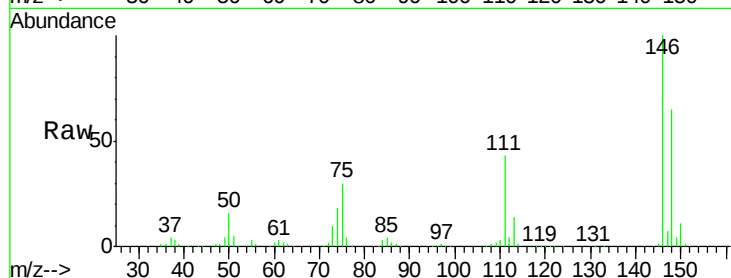
Tot Ion:146 Resp: 744886

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

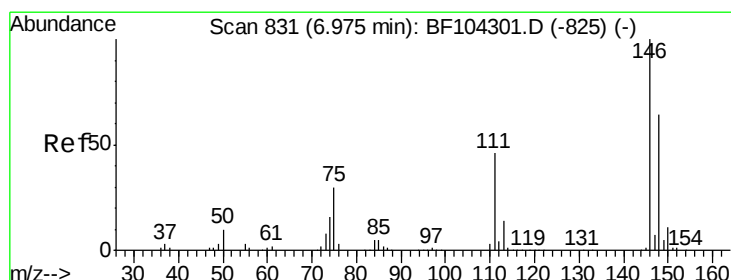
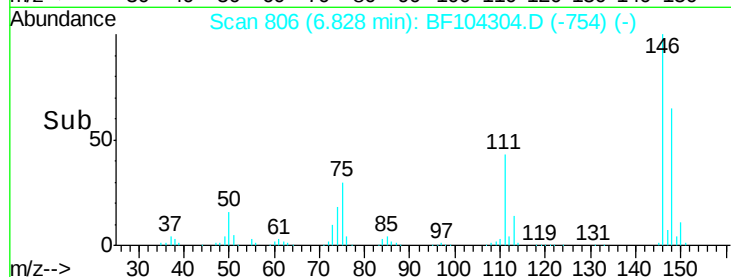
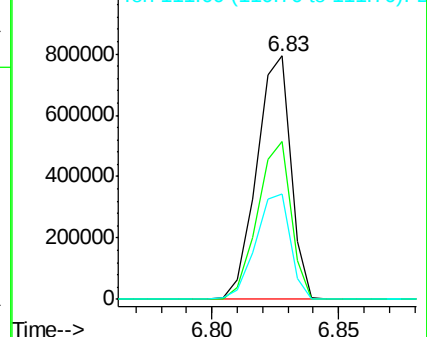
111 43.1 34.2 51.2



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: 66.709 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

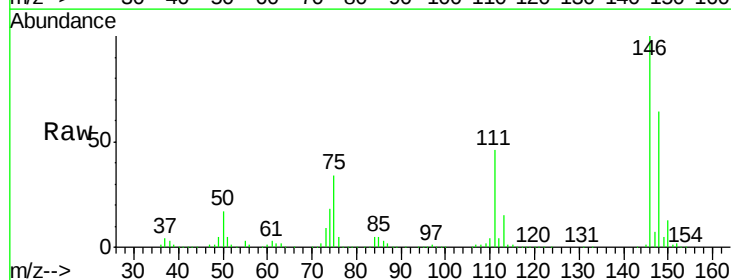
Tgt Ion:146 Resp: 666132

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

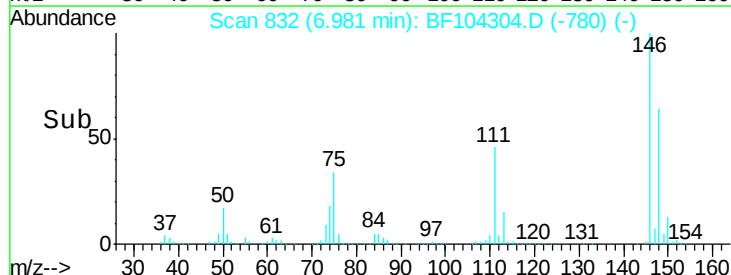
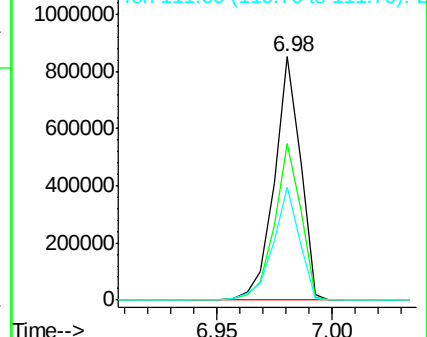
111 46.4 36.0 54.0

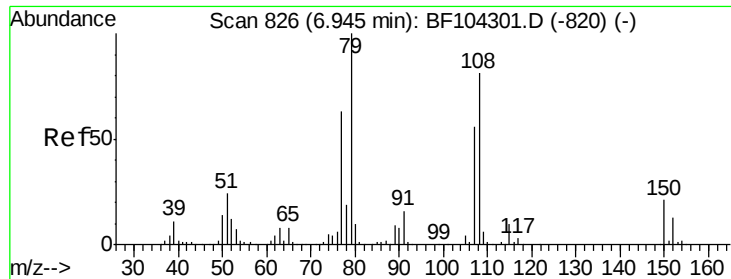


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 84.300 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampled :

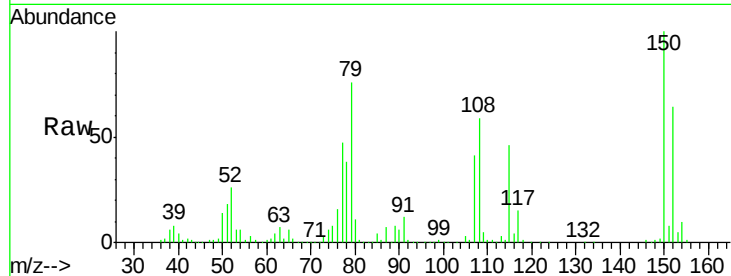
Tot Ion: 79 Resp: 567021

Ion Ratio Lower Upper

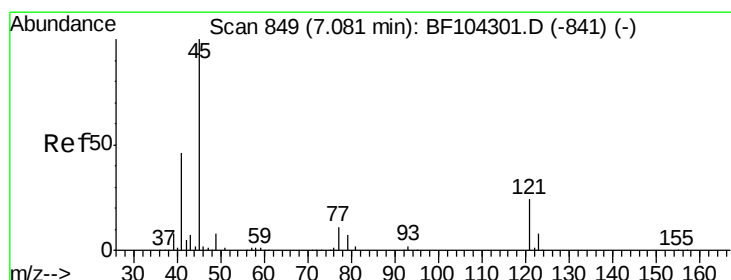
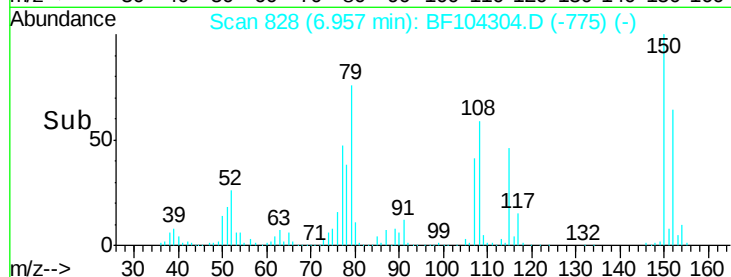
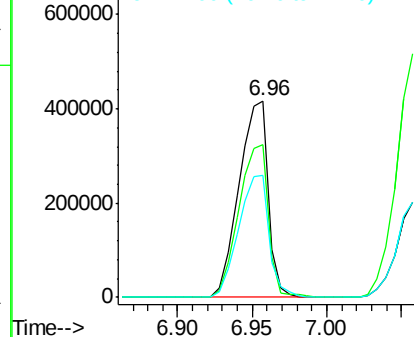
79 100

108 77.5 65.1 97.7

77 62.2 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 83.396 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

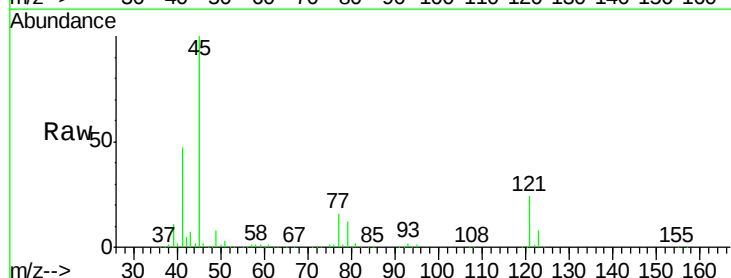
Tgt Ion: 45 Resp: 897419

Ion Ratio Lower Upper

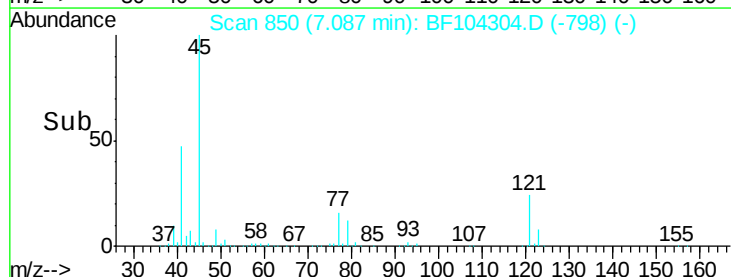
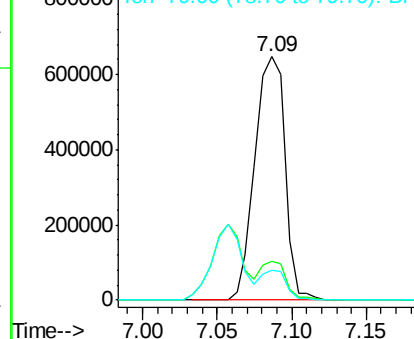
45 100

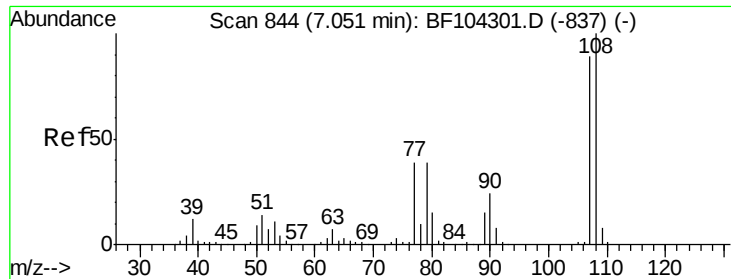
77 15.9 0.0 32.9

79 12.1 0.0 29.6



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

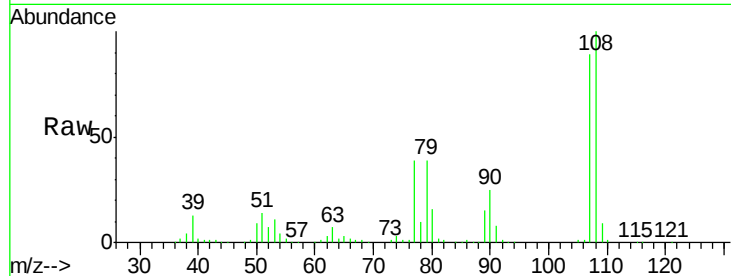




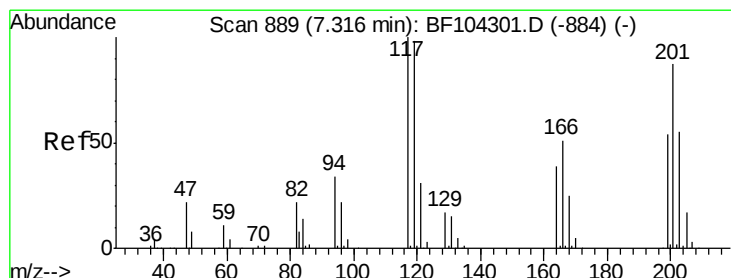
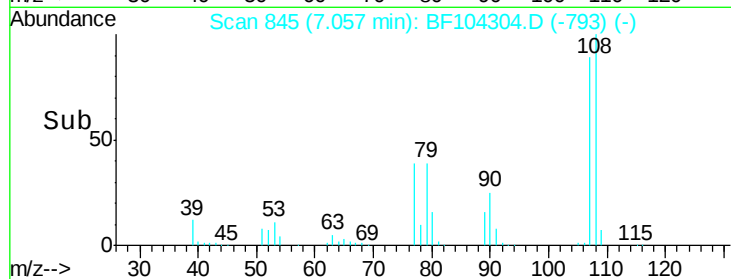
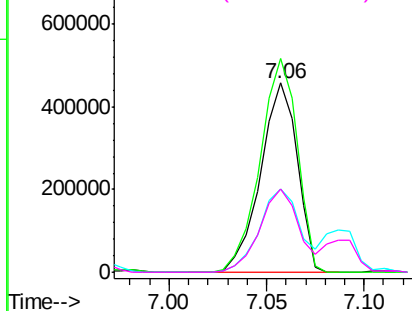
#17
2-Methylphenol
Concen: 79.773 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 598874
Ion Ratio Lower Upper
107 100
108 112.9 91.7 137.5
77 44.2 33.8 50.8
79 43.9 33.8 50.8

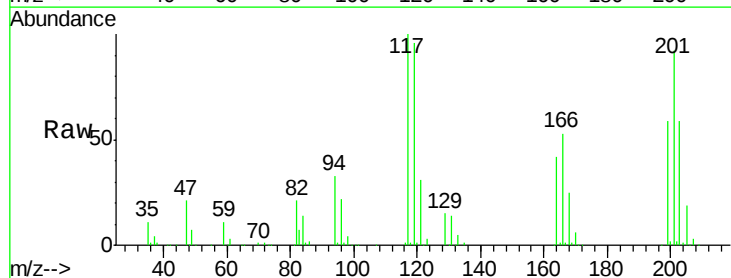


Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
200000
0

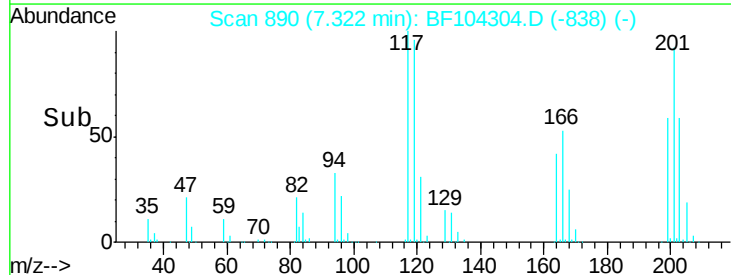
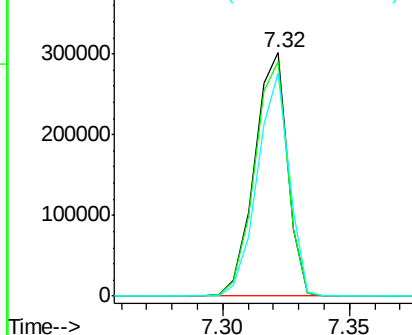


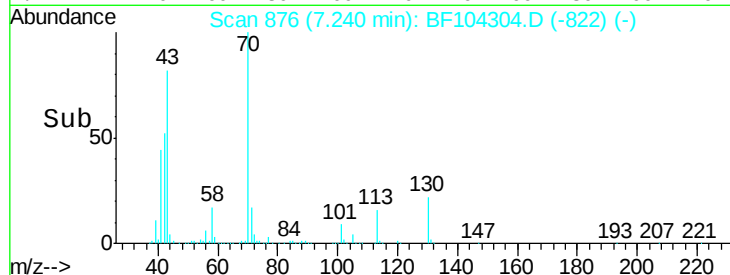
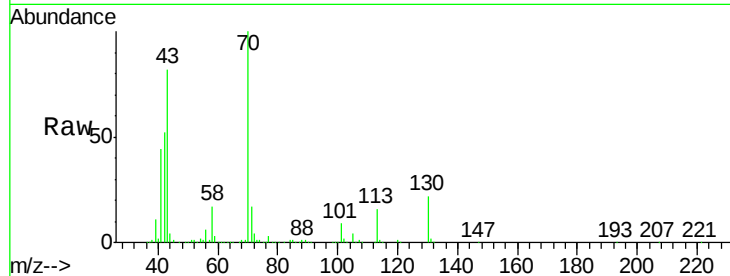
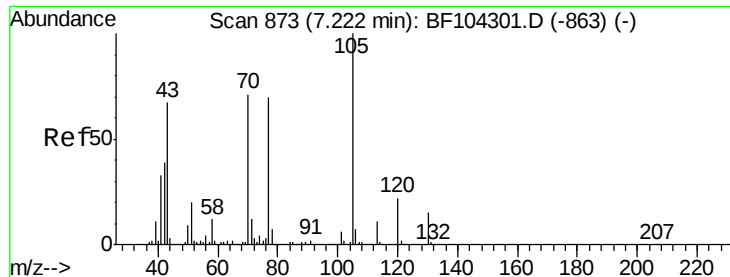
#18
Hexachloroethane
Concen: 73.603 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:117 Resp: 273782
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
201 91.6 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
400000 Ion 119.00 (118.70 to 119.70): E
300000 Ion 201.00 (200.70 to 201.70): E
200000
100000
0

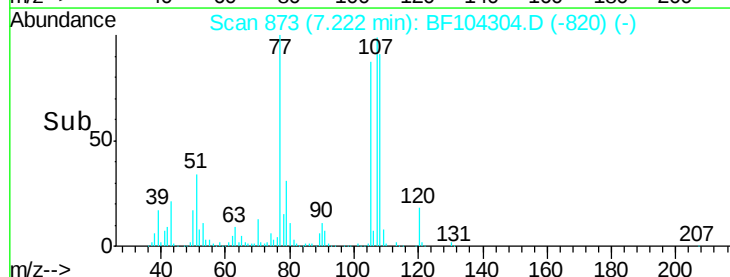
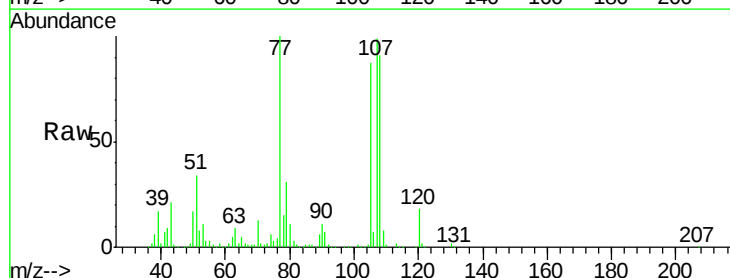
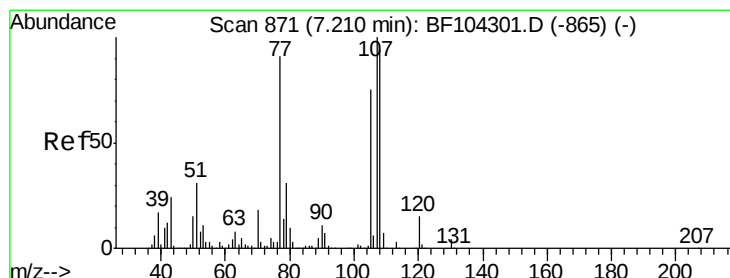
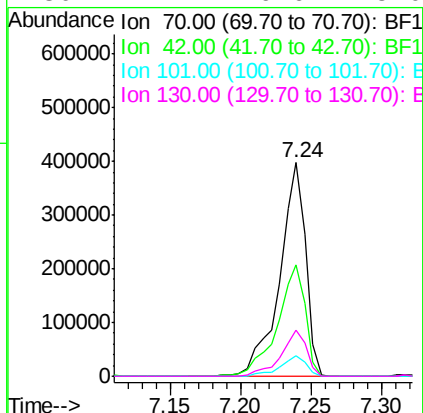




#19
n-Nitroso-di-n-propylamine
Concen: 82.991 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

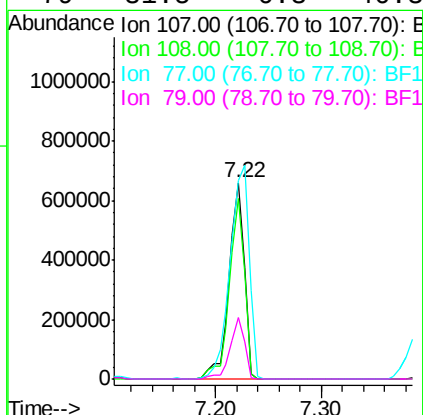
Instrument :
BNA_F
ClientSampleId :

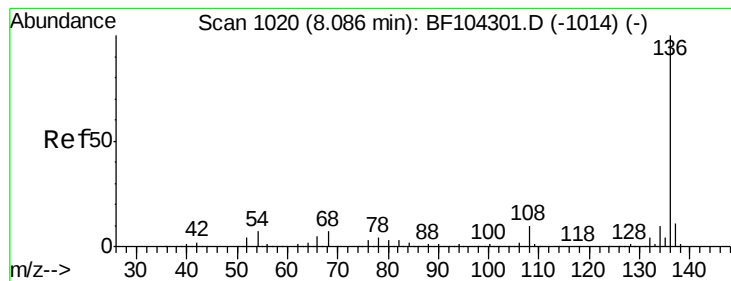
Tot Ion:	70	Resp:	509513
Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	9.5	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 68.857 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:	107	Resp:	659721
Ion	Ratio	Lower	Upper
107	100		
108	91.8	68.2	108.2
77	101.1	26.7	66.7#
79	31.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 550245

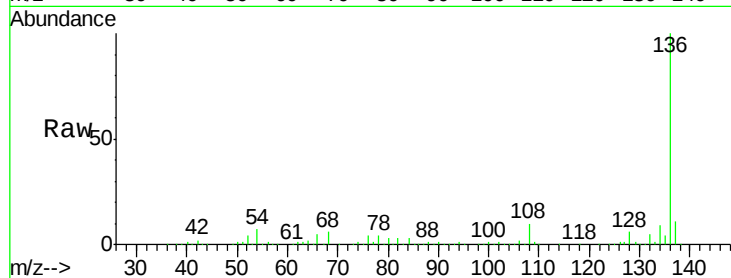
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.8 6.6 9.8

68 6.2 5.0 7.4

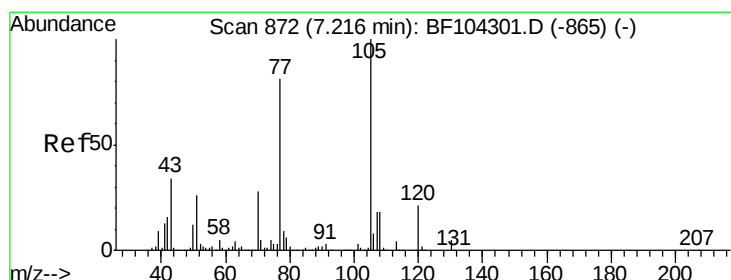
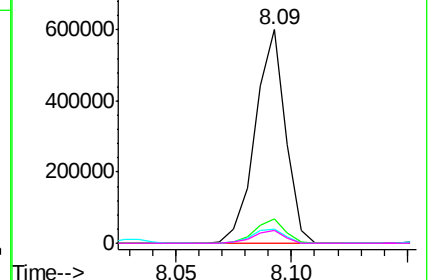
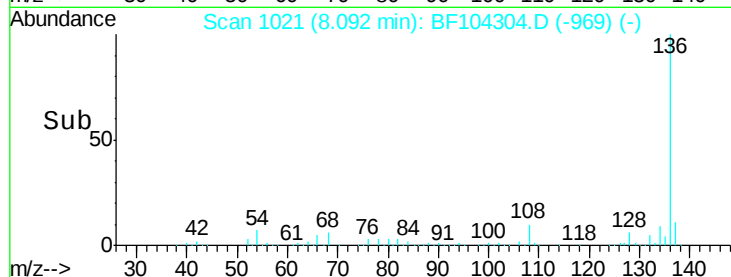


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.471 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Tgt Ion:105 Resp: 911559

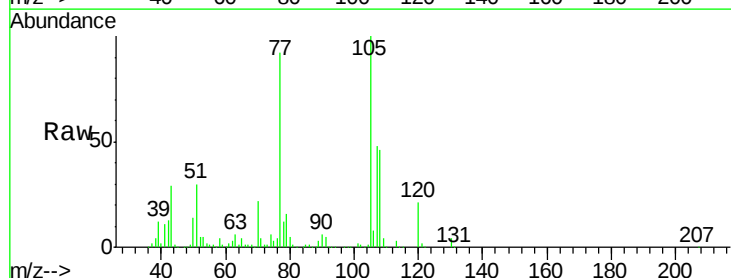
Ion Ratio Lower Upper

105 100

71 3.6 4.4 6.6#

51 29.6 22.3 33.5

120 20.9 16.9 25.3

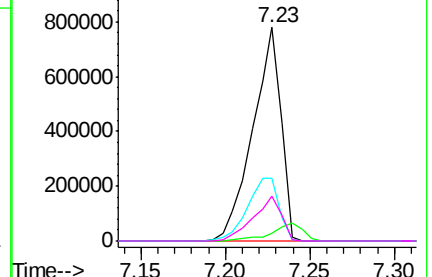
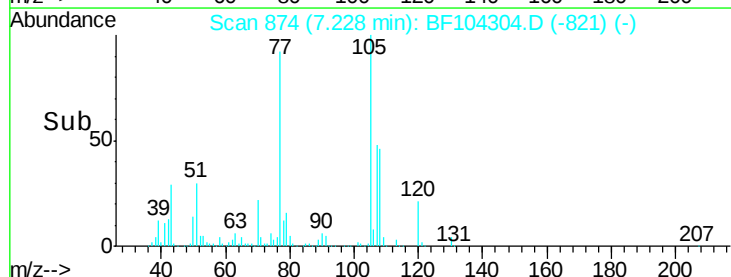


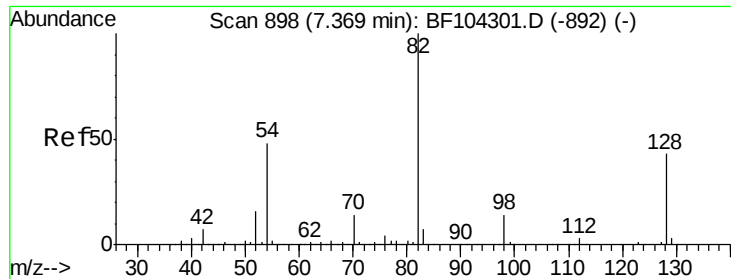
Abundance Ion 105.00 (104.70 to 105.70): E

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

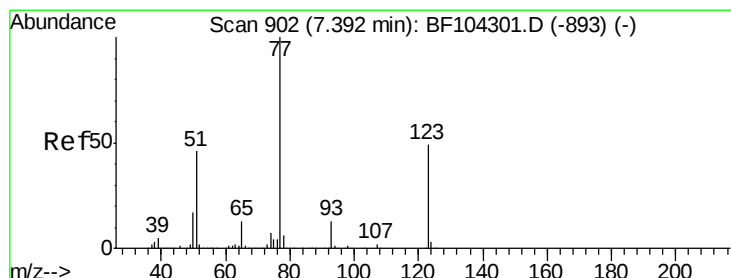
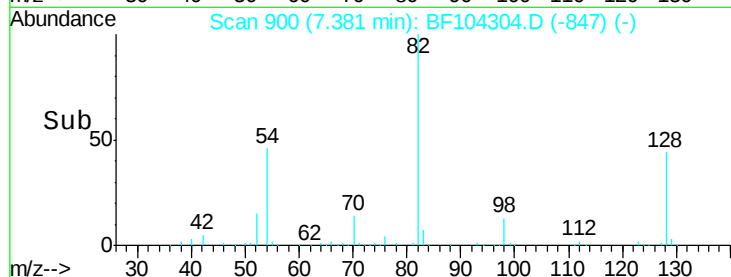
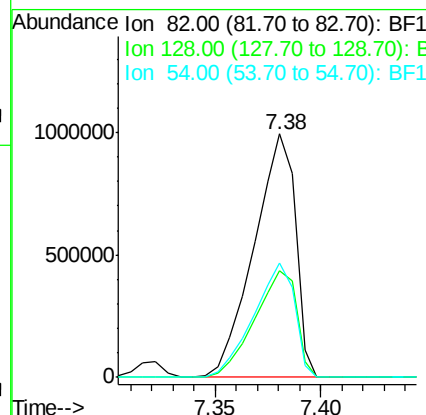
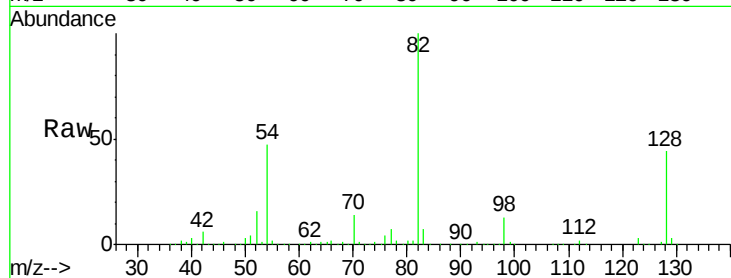




#23
 Nitrobenzene-d5
 Concen: 150.985 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

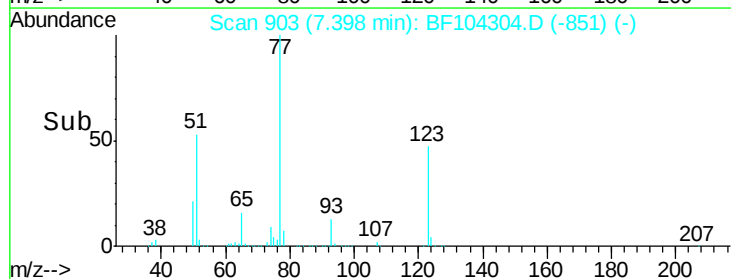
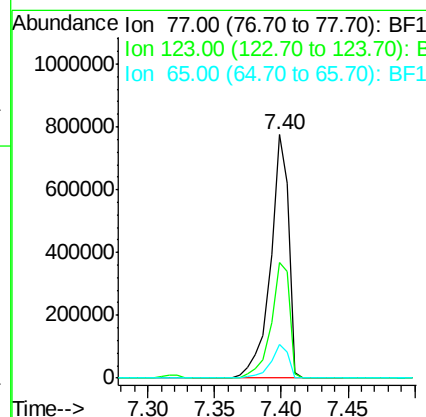
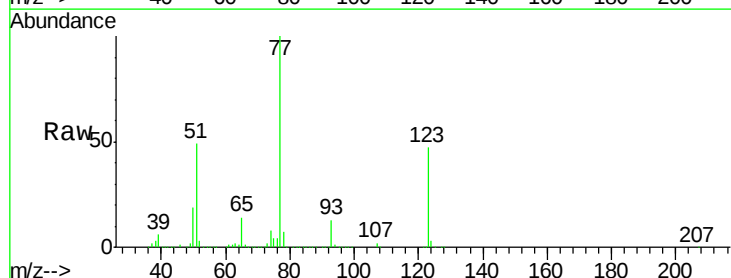
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1358479
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.1 54.1
 54 46.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 76.943 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion: 77 Resp: 728408
 Ion Ratio Lower Upper
 77 100
 123 47.3 37.9 56.9
 65 13.7 11.0 16.4





#25

Isophorone

Concen: 81.408 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

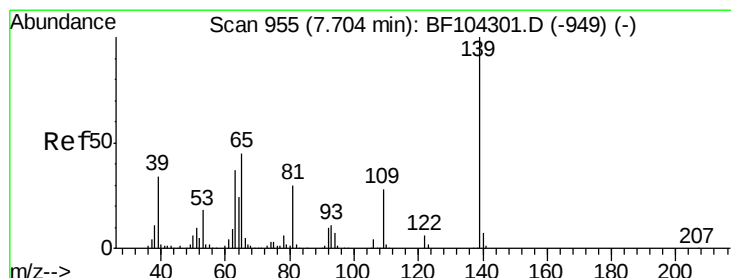
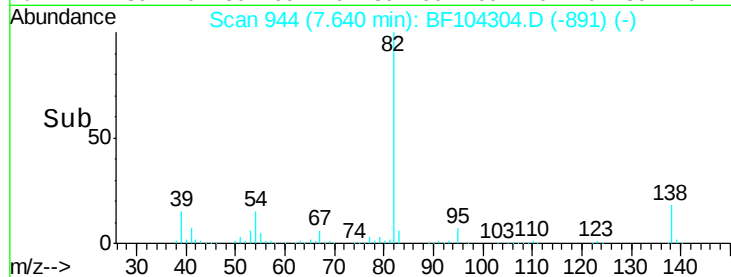
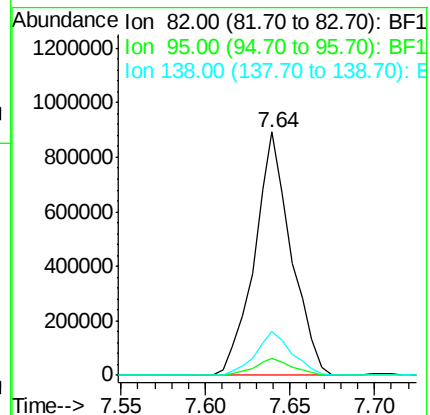
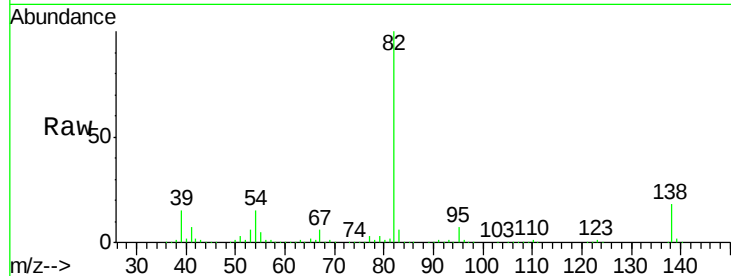
Tot Ion: 82 Resp: 1349873

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 68.141 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

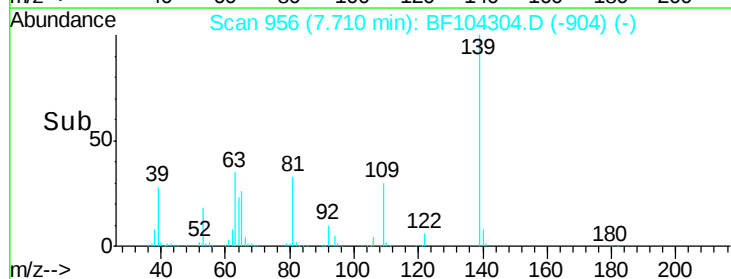
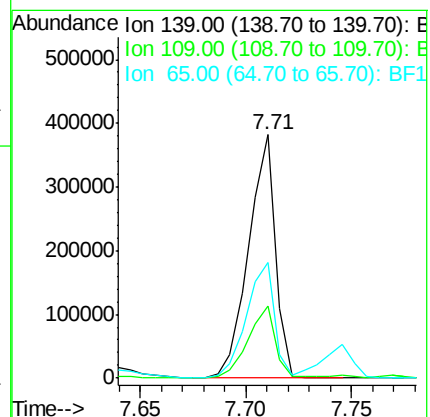
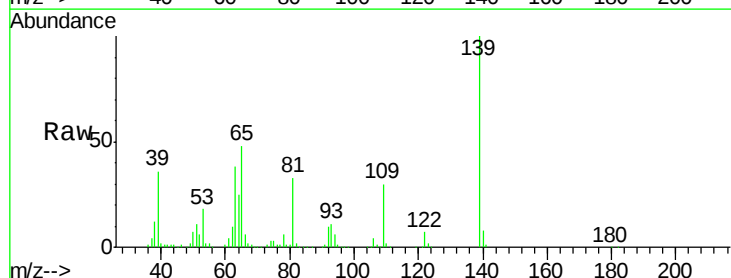
Tgt Ion: 139 Resp: 336726

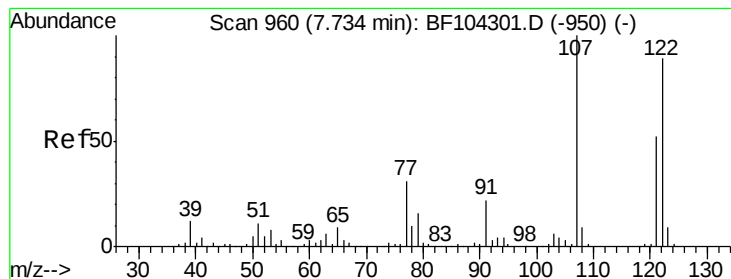
Ion Ratio Lower Upper

139 100

109 29.8 22.7 34.1

65 47.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 82.868 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

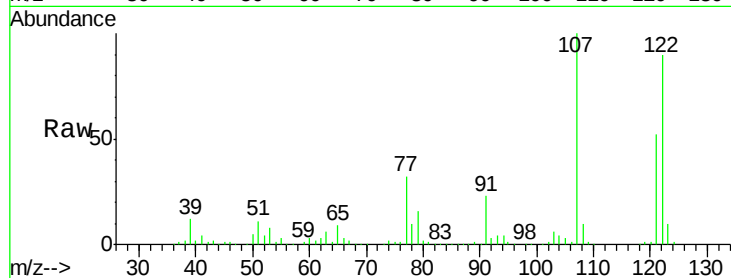
Tot Ion:122 Resp: 590584

Ion Ratio Lower Upper

122 100

107 111.0 91.2 136.8

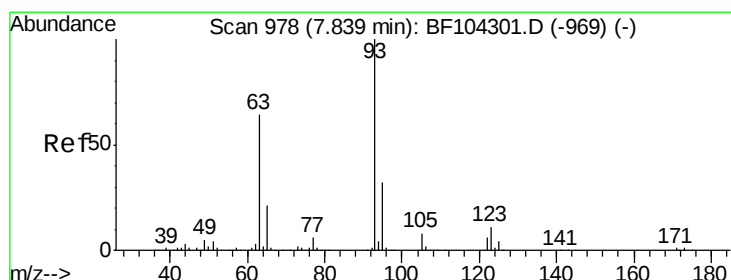
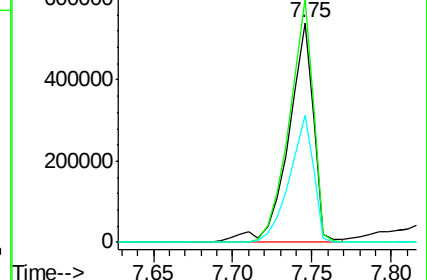
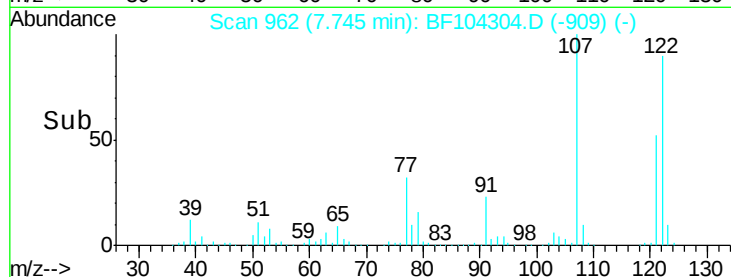
121 58.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 76.343 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

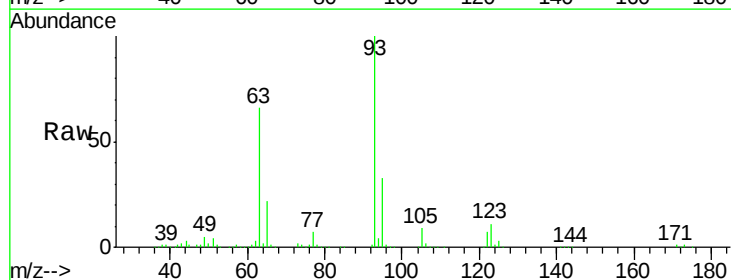
Tgt Ion: 93 Resp: 793386

Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

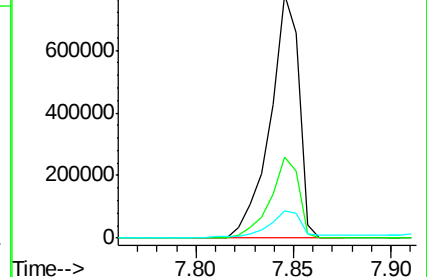
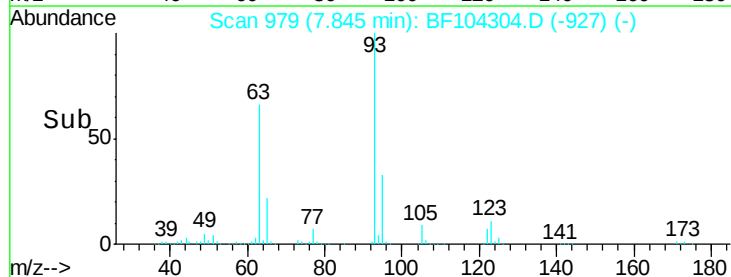
123 11.2 9.8 14.6

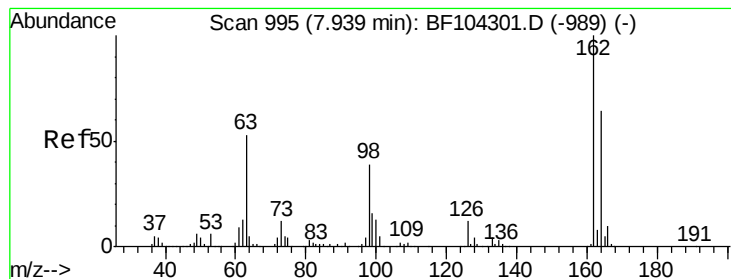


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 73.742 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

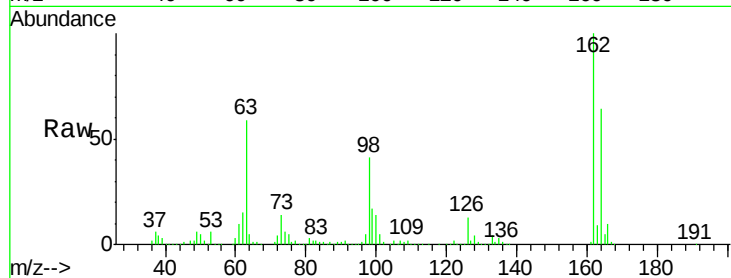
Tot Ion:162 Resp: 548930

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

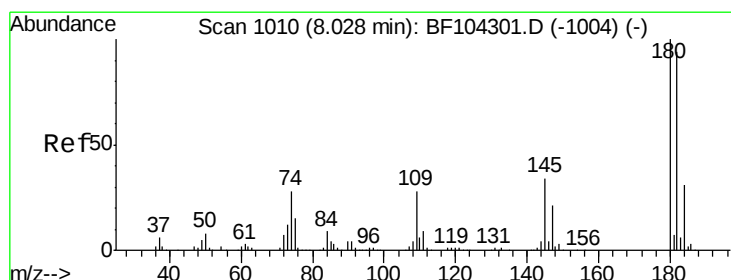
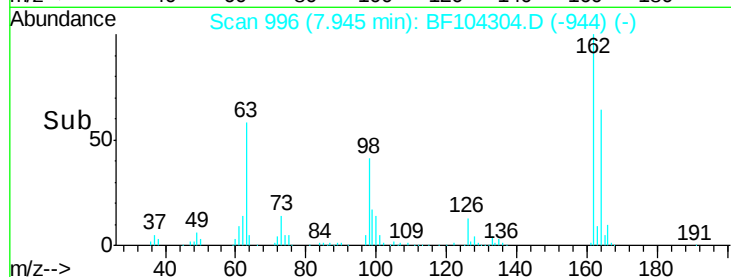
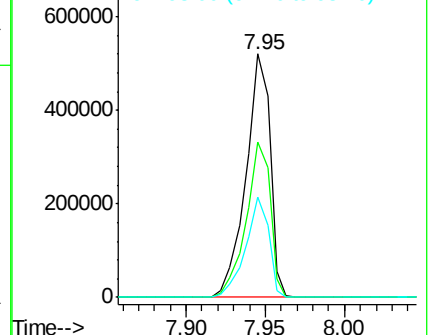
98 41.0 18.1 58.1



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: 68.710 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

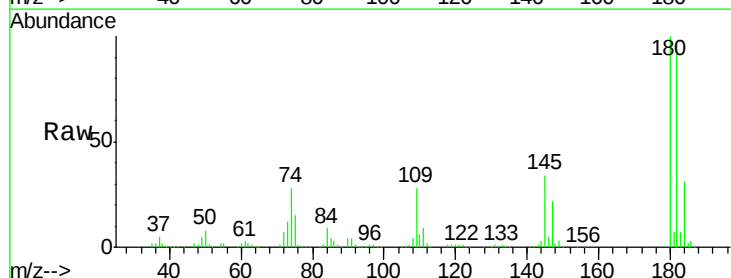
Tgt Ion:180 Resp: 580333

Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

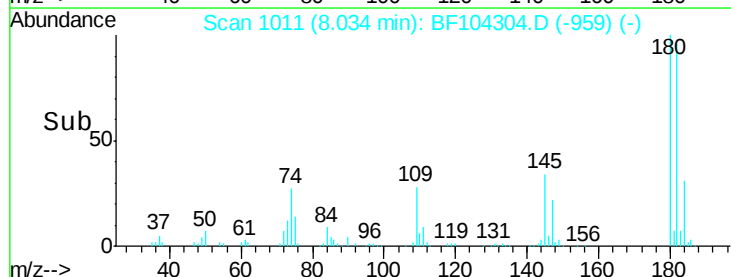
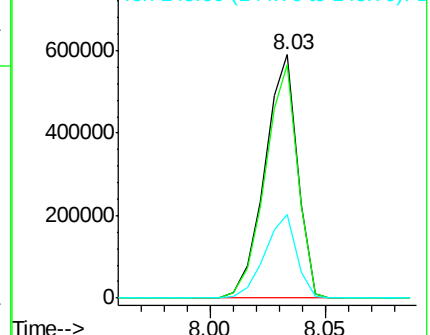
145 34.1 26.5 39.7

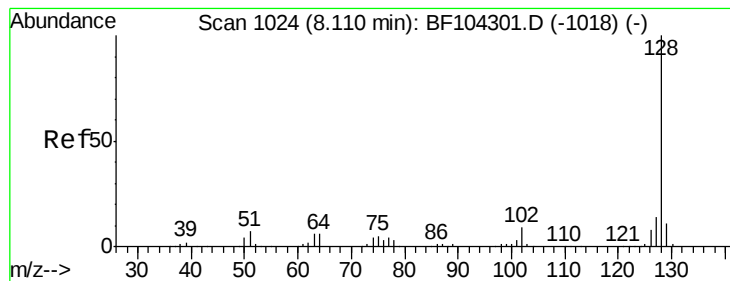


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 70.677 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

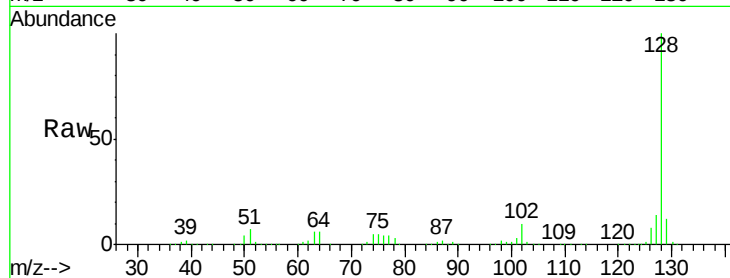
Tot Ion:128 Resp: 1899901

Ion Ratio Lower Upper

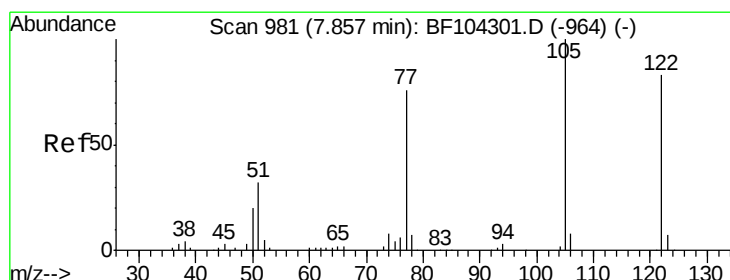
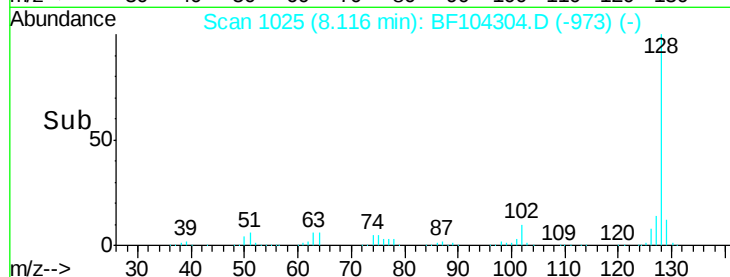
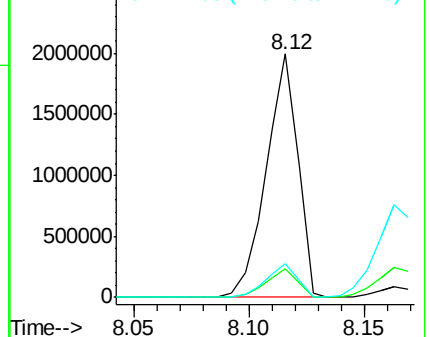
128 100

129 11.6 8.8 13.2

127 14.0 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: 110.336 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.05 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

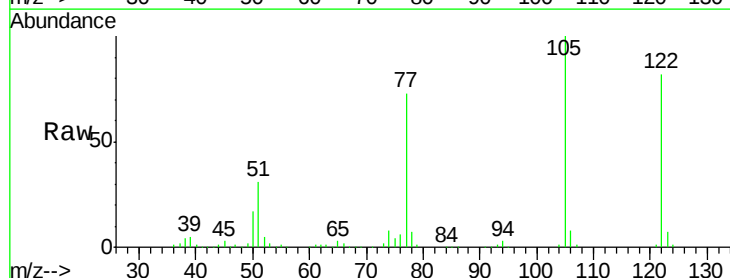
Tgt Ion:122 Resp: 576050

Ion Ratio Lower Upper

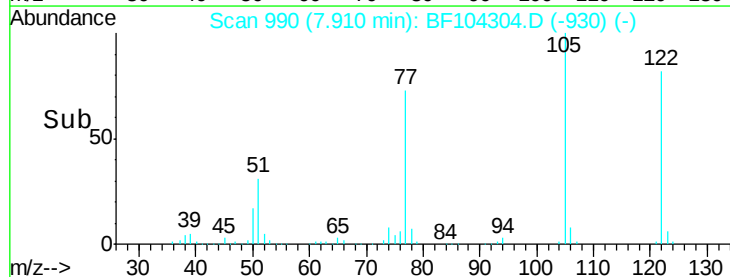
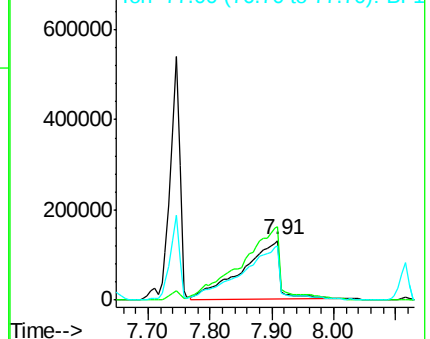
122 100

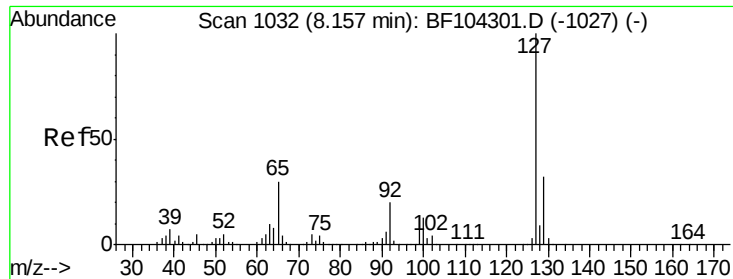
105 122.6 101.1 141.1

77 89.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

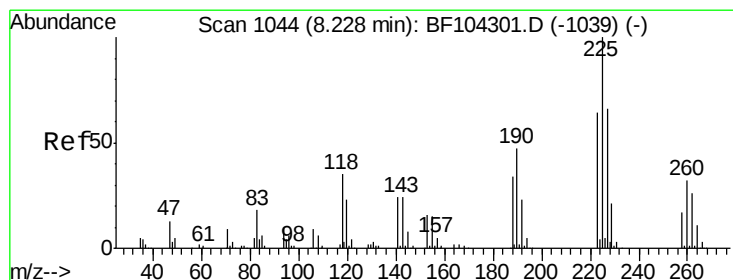
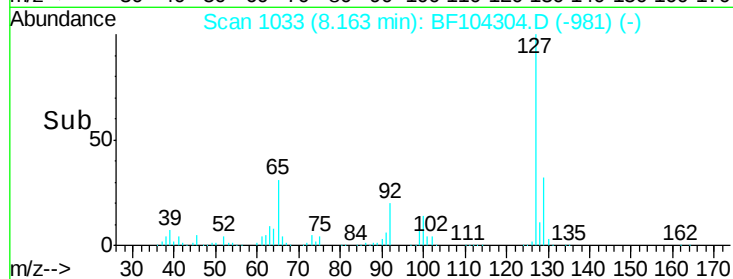
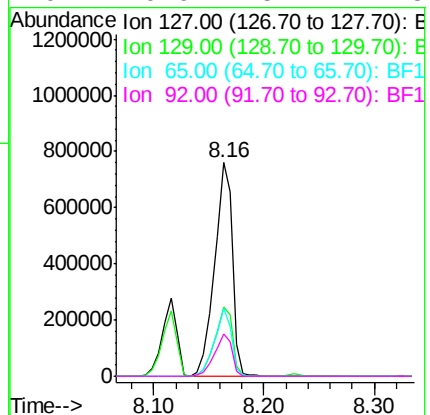
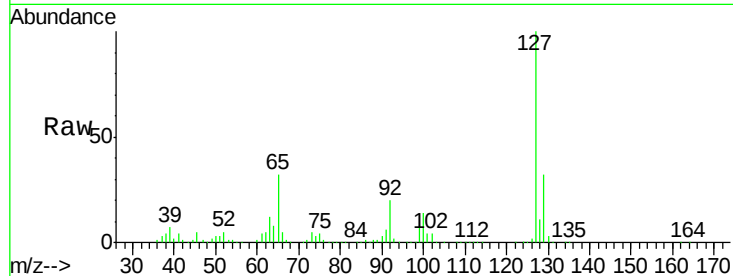




#33
4-Chloroaniline
Concen: 73.768 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

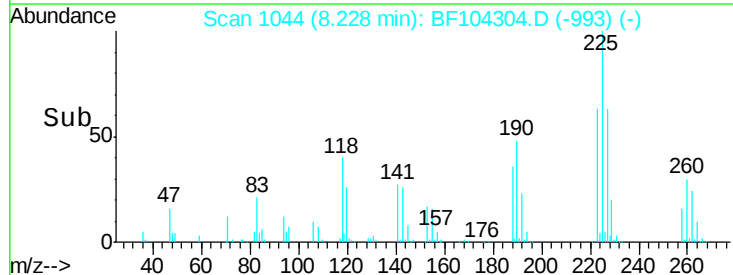
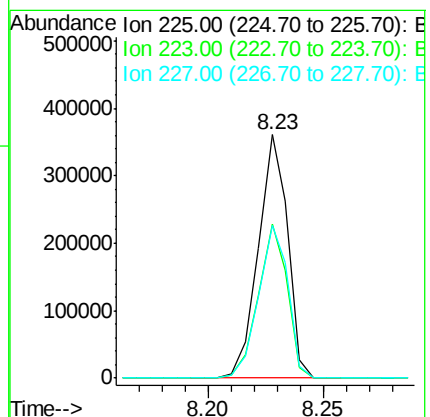
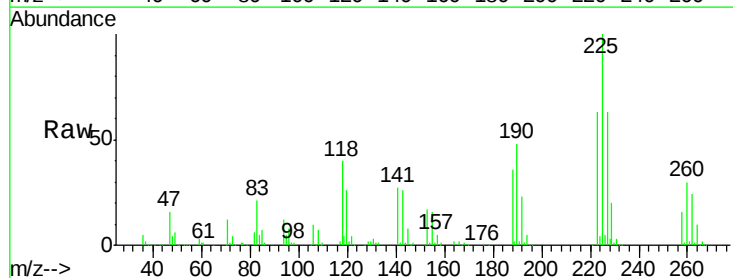
Instrument :
BNA_F
ClientSampled :

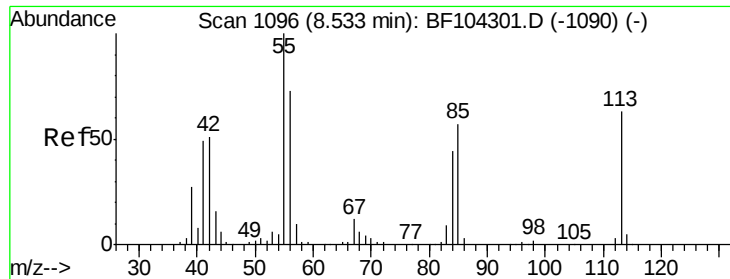
Tot Ion:	127	Resp:	836006
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	31.8	25.0	37.4
92	19.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 69.496 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:	225	Resp:	319412
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	62.6	51.9	77.9

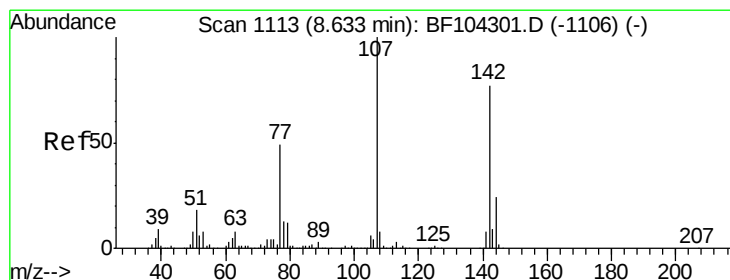
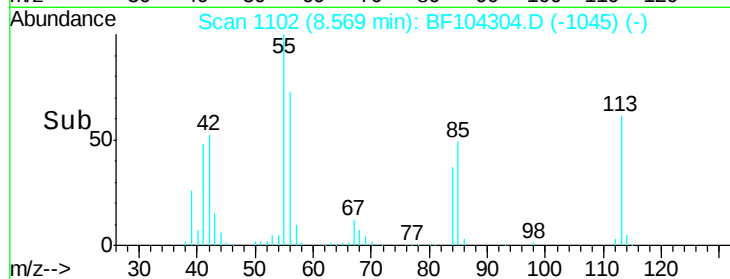
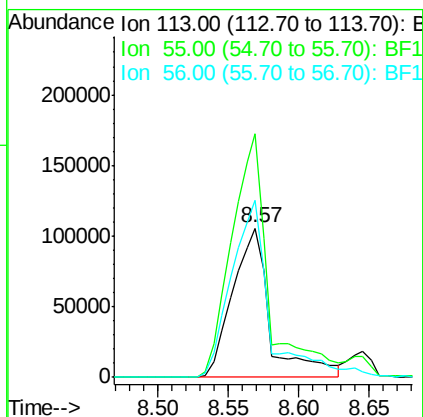
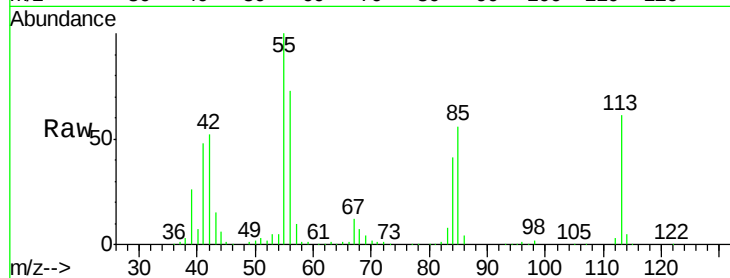




#35
 Caprolactam
 Concen: 83.140 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.04 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

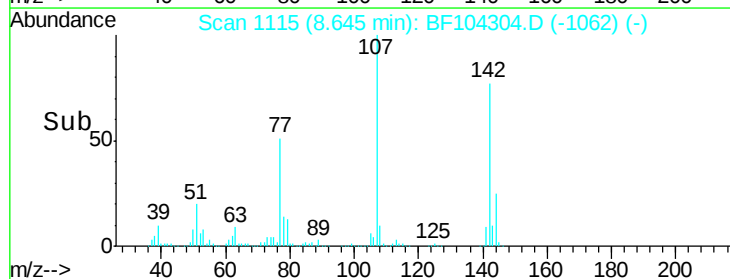
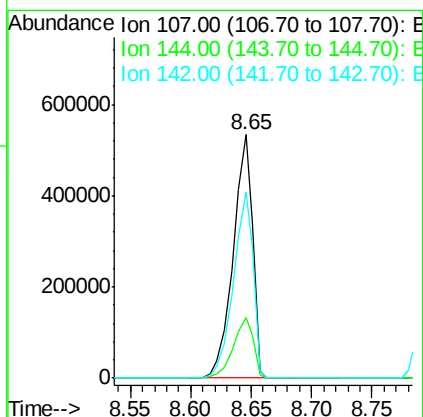
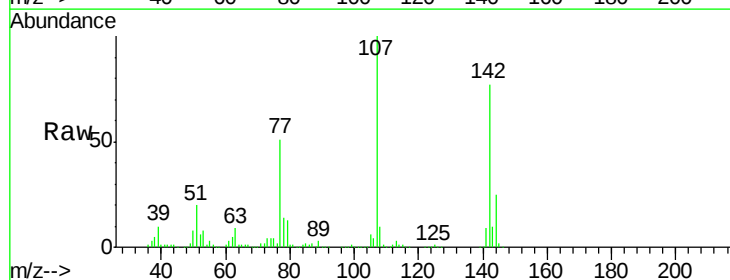
Instrument :
 BNA_F
 ClientSampled :

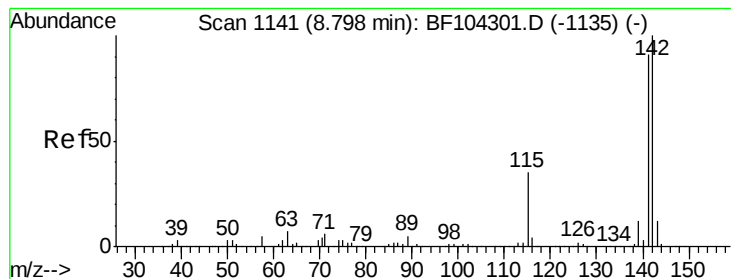
Tot Ion:113 Resp: 196239
 Ion Ratio Lower Upper
 113 100
 55 163.5 163.3 203.3
 56 119.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 76.056 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion:107 Resp: 598833
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 76.6 62.0 93.0





#37

2-Methylnaphthalene

Concen: 68.301 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

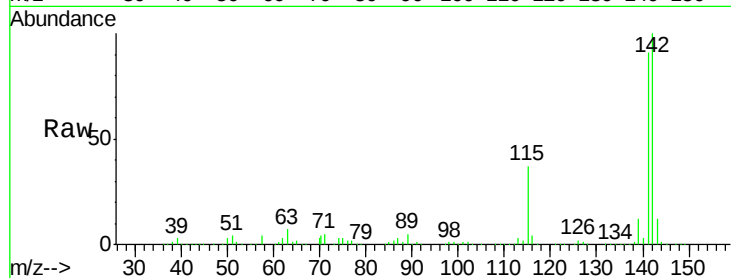
Tot Ion:142 Resp: 1209407

Ion Ratio Lower Upper

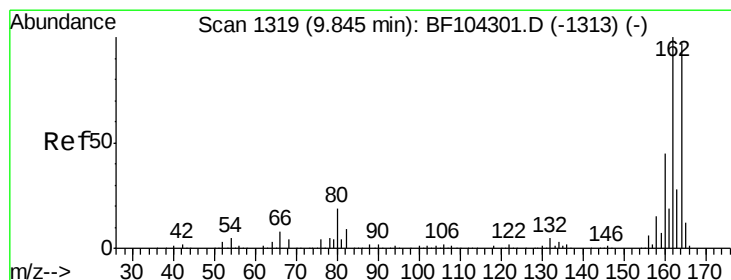
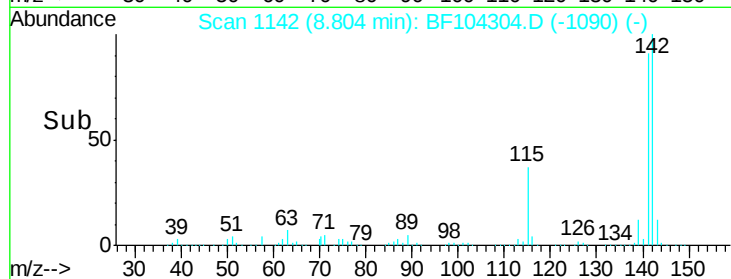
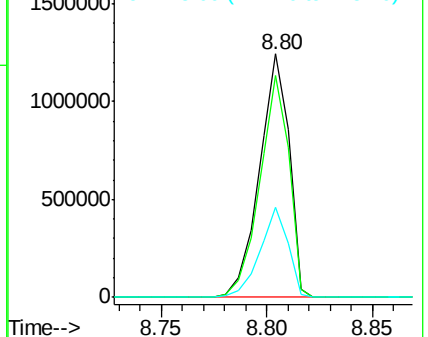
142 100

141 91.1 70.8 106.2

115 36.8 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# 1319

Delta R.T. 0.00 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

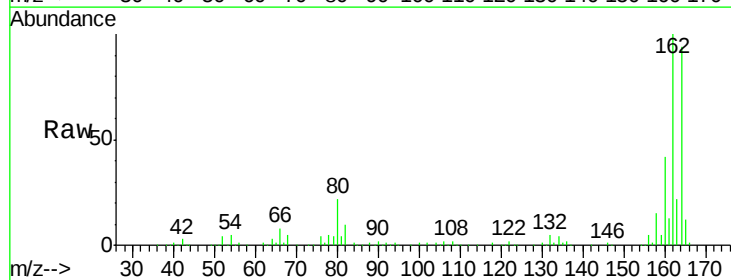
Tgt Ion:164 Resp: 253801

Ion Ratio Lower Upper

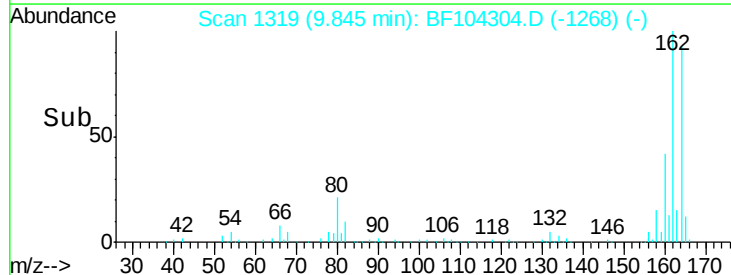
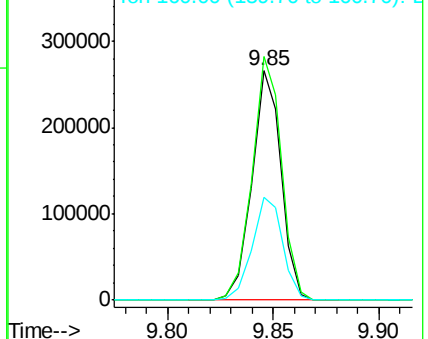
164 100

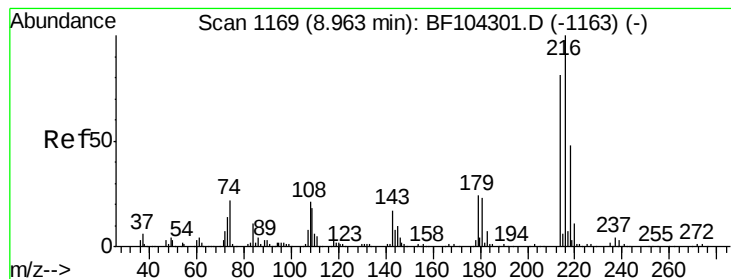
162 106.2 86.1 129.1

160 44.9 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: 65.265 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 507951

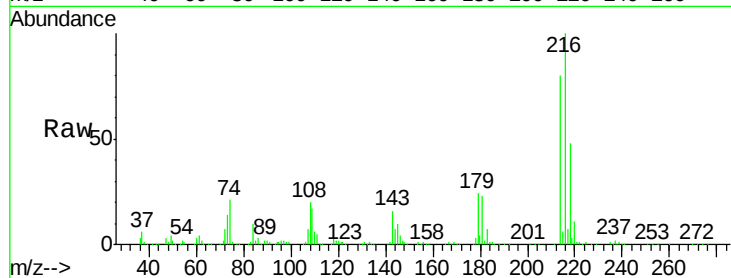
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.8 18.1 27.1

108 21.8 17.2 25.8

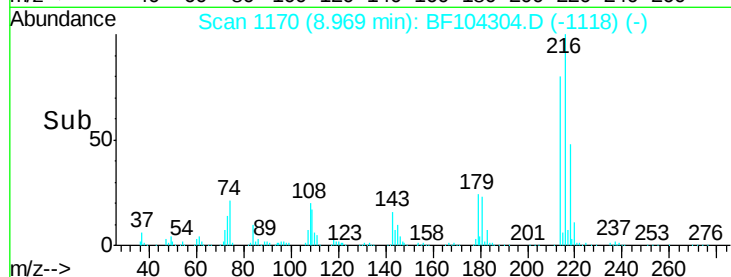


Abundance Ion 216.00 (215.70 to 216.70): E

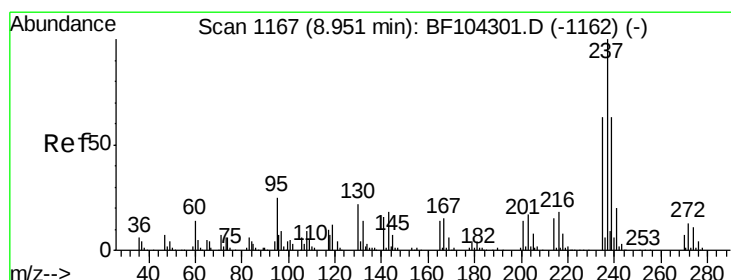
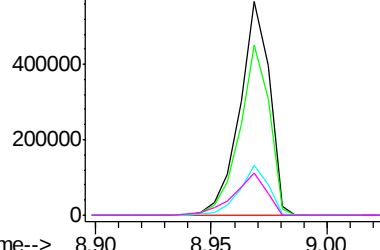
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.90 8.95 9.00



#40

Hexachlorocyclopentadiene

Concen: 100.869 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

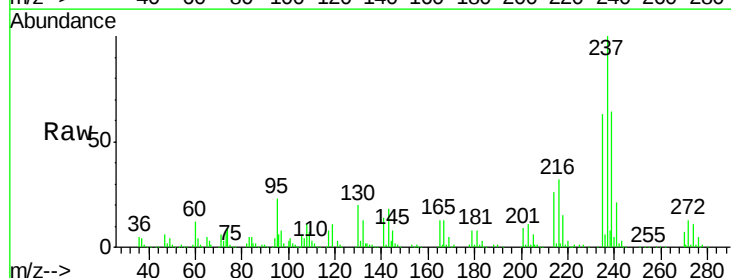
Tgt Ion:237 Resp: 323412

Ion Ratio Lower Upper

237 100

235 62.5 44.8 84.8

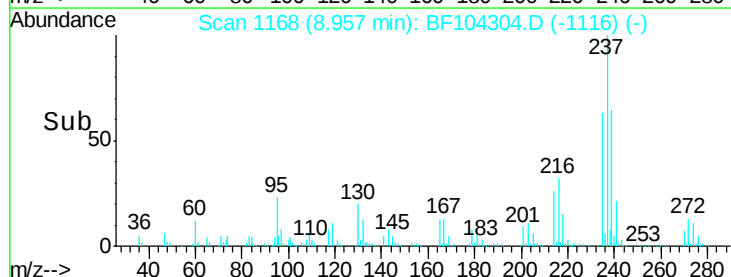
272 13.2 0.0 33.3



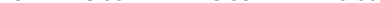
Abundance Ion 236.80 (236.50 to 237.50): E

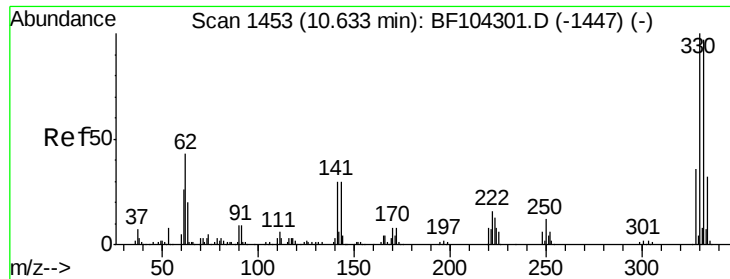
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 8.90 8.95 9.00

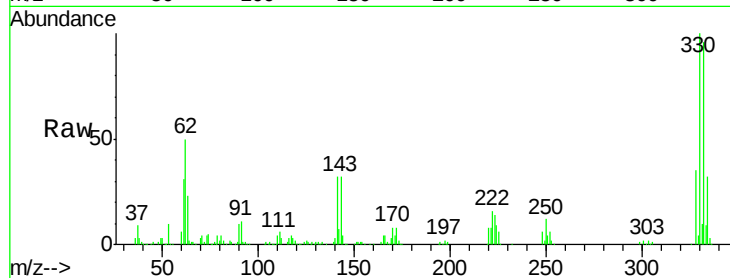




#41
 2,4,6-Tribromophenol
 Concen: 136.702 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	Resp	386330
Ion Ratio	100	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.0	29.9	44.9

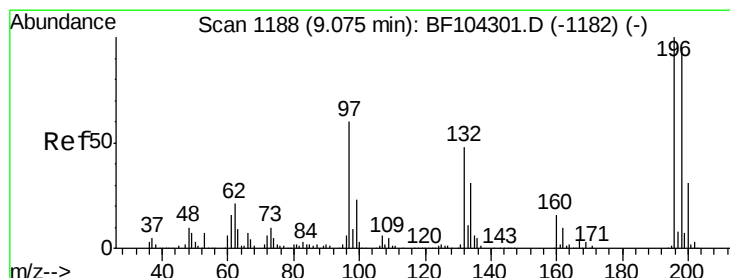
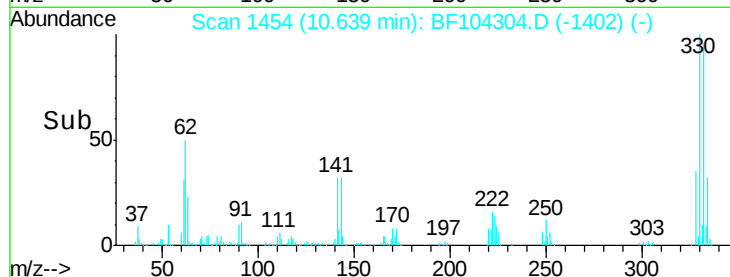
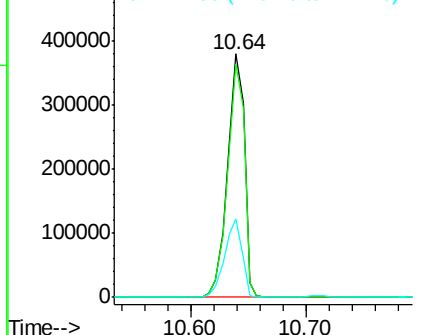


Abundance

Ion 329.80 (329.50 to 330.50): E

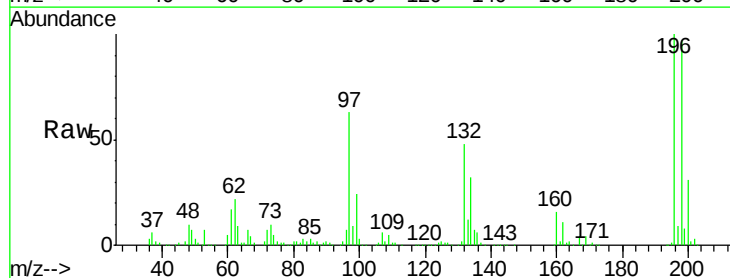
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 75.896 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion	196	Resp	374036
Ion Ratio	100	Lower	Upper
196	100		
198	96.7	75.7	113.5
200	31.1	24.5	36.7

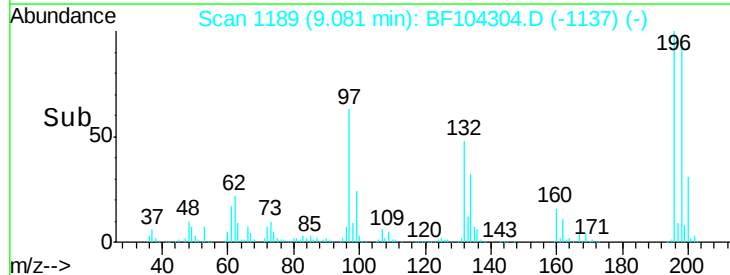
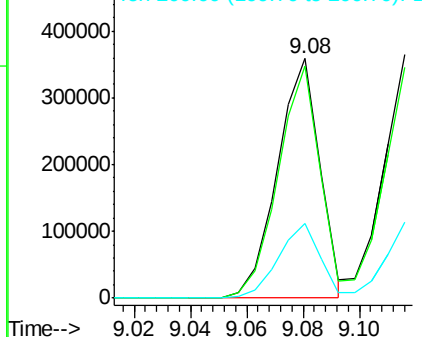


Abundance

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

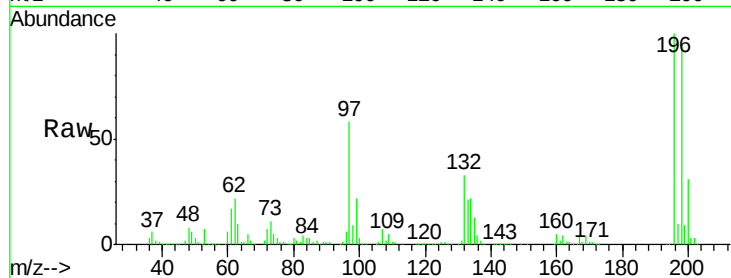




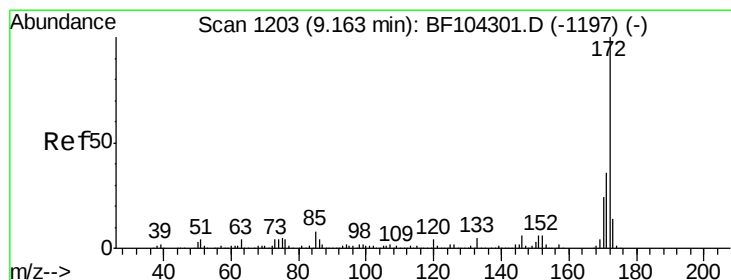
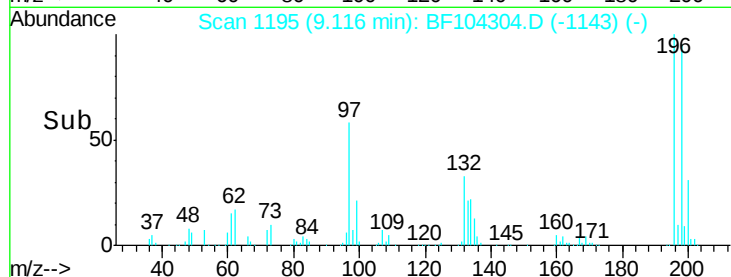
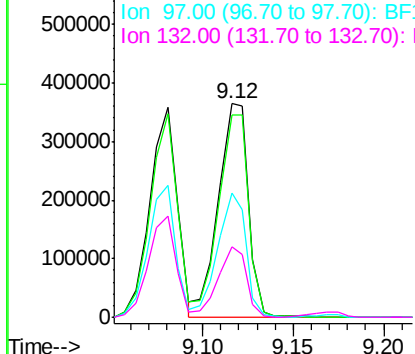
#43
 2,4,5-Trichlorophenol
 Concen: 70.743 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	420953
Ion Ratio	100	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	57.9	42.9	64.3
132	33.1	26.3	39.5

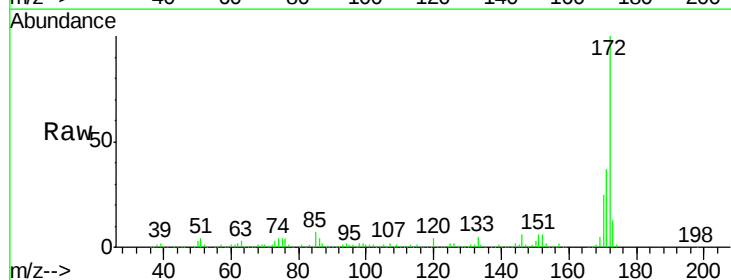


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

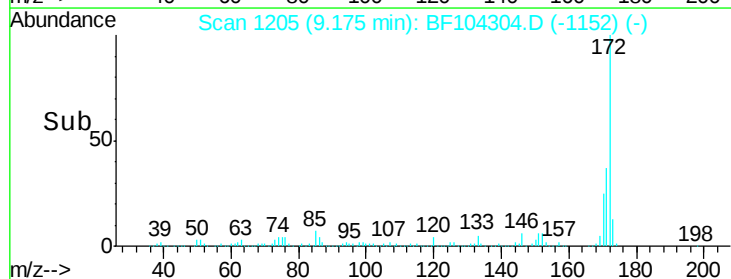
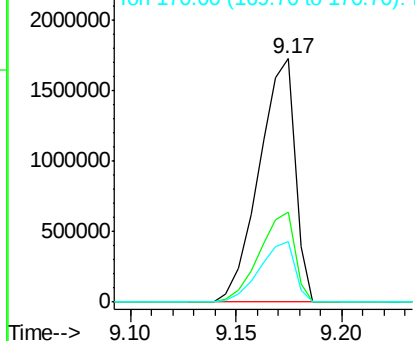


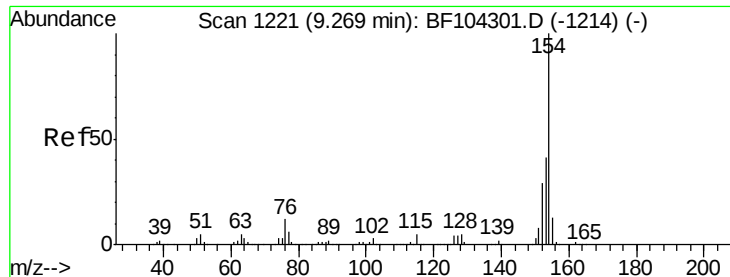
#44
 2-Fluorobiphenyl
 Concen: 126.822 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion	172	Resp	2041170
Ion Ratio	100	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.9	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 65.448 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

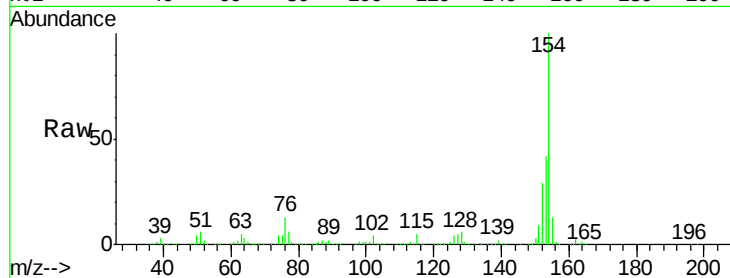
Tot Ion:154 Resp: 1425664

Ion Ratio Lower Upper

154 100

153 41.7 21.3 61.3

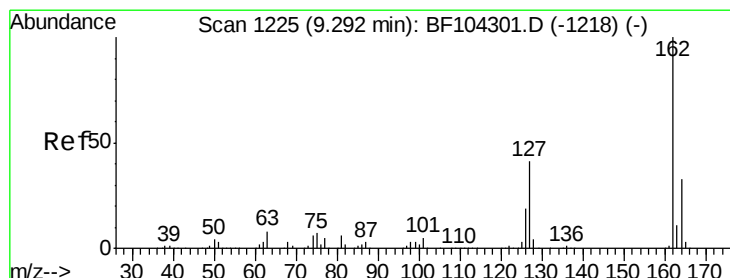
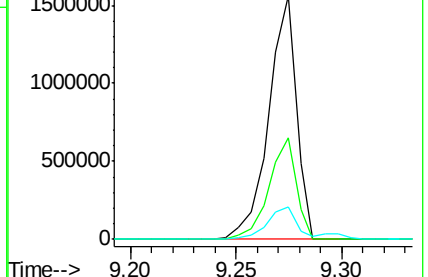
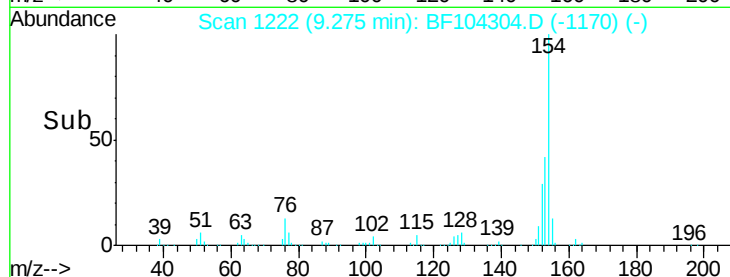
76 13.1 0.0 34.0



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: 68.257 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

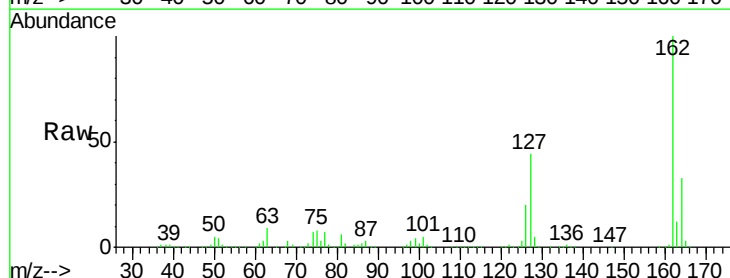
Tgt Ion:162 Resp: 1172843

Ion Ratio Lower Upper

162 100

127 43.8 33.9 50.9

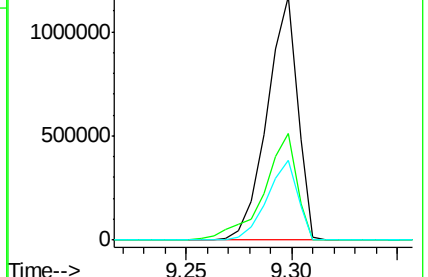
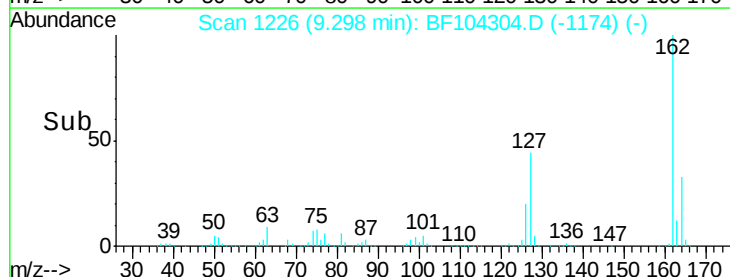
164 33.0 26.5 39.7

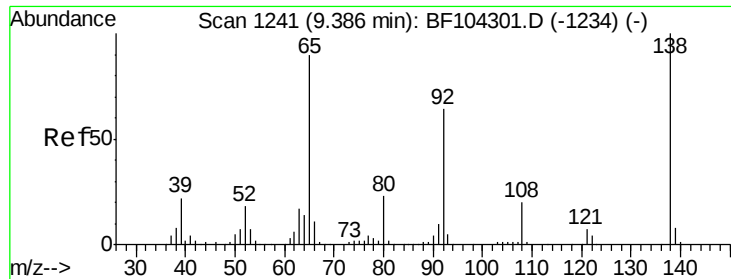


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

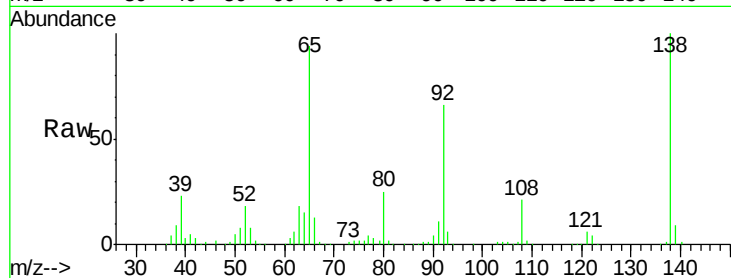




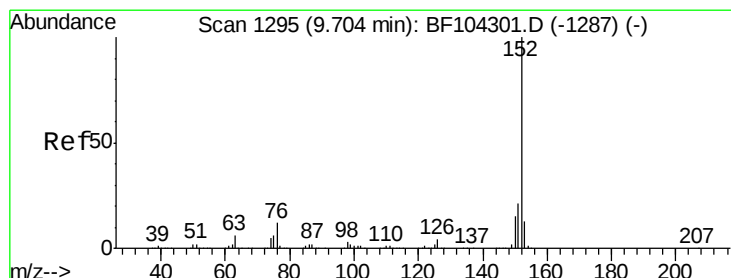
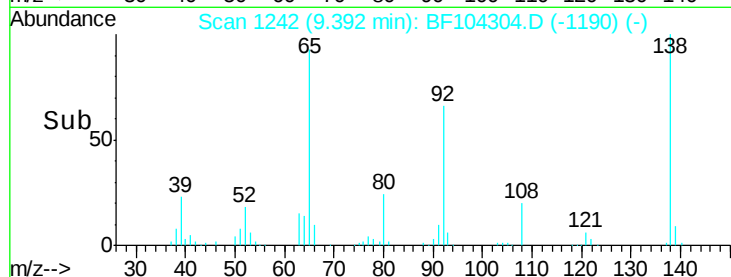
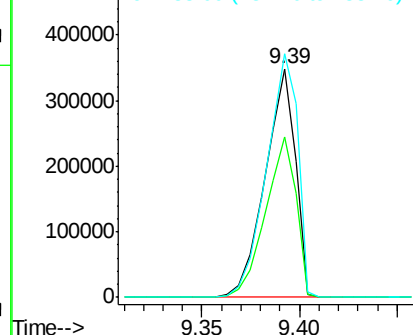
#47
2-Nitroaniline
Concen: 76.335 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 374010
Ion Ratio Lower Upper
65 100
92 70.5 55.8 83.6
138 106.6 91.2 136.8

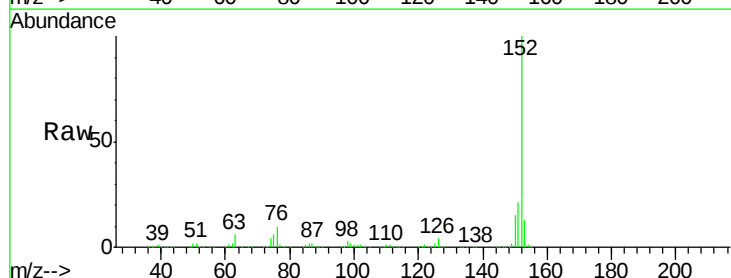


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

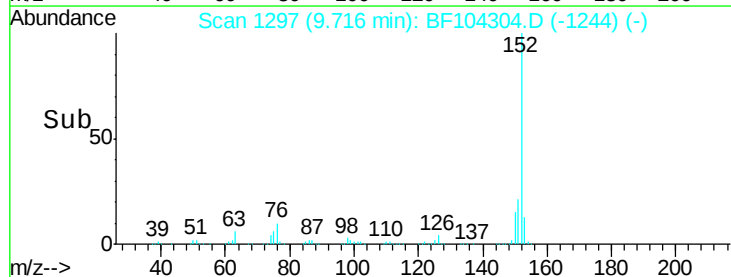
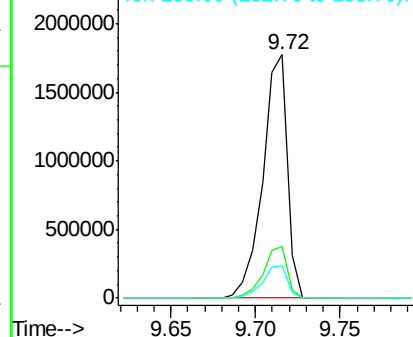


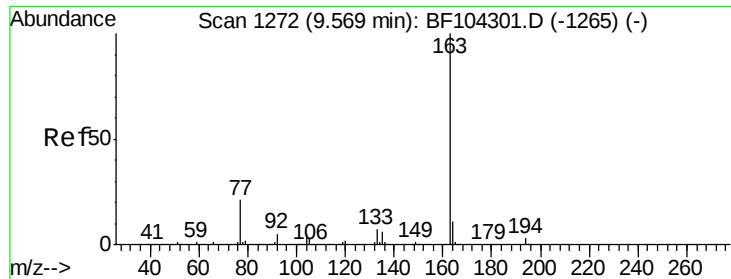
#48
Acenaphthylene
Concen: 68.764 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion: 152 Resp: 1790013
Ion Ratio Lower Upper
152 100
151 21.1 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

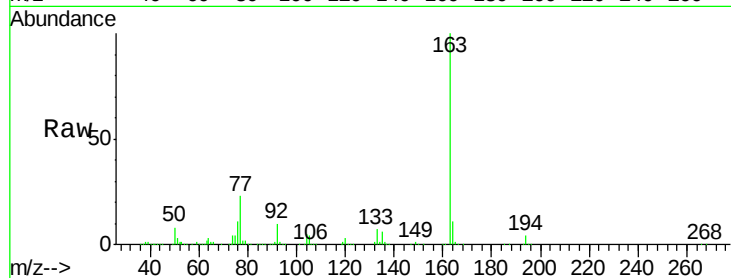




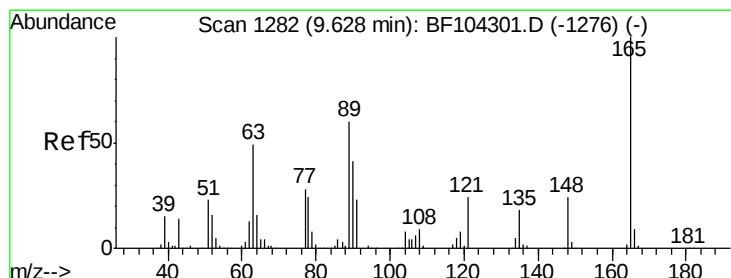
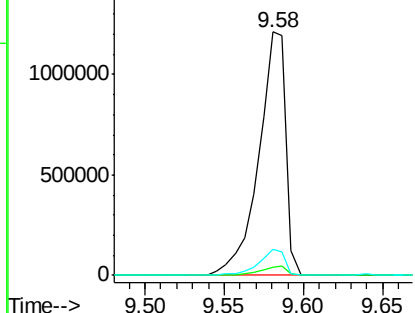
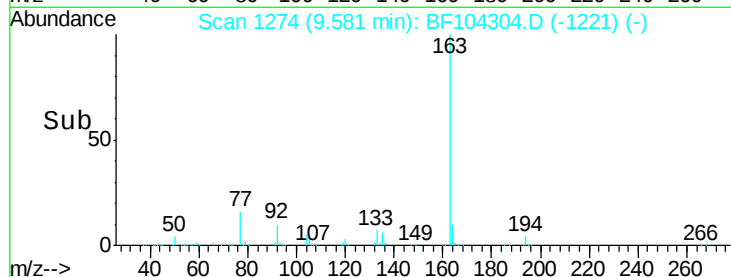
#49
Dimethylphthalate
Concen: 72.255 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1447872
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2

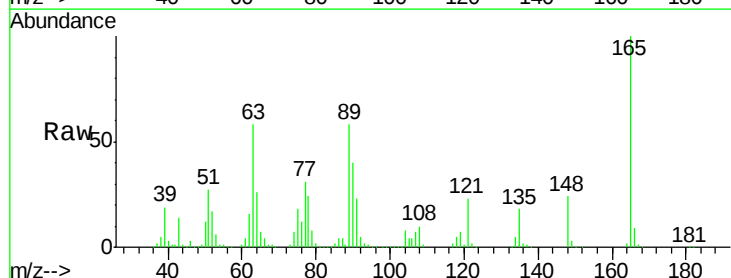


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

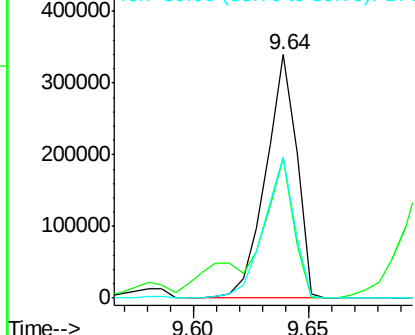
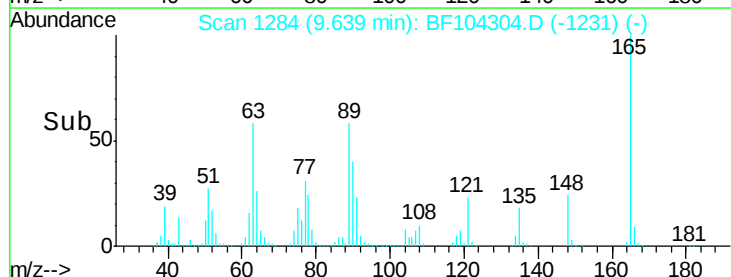


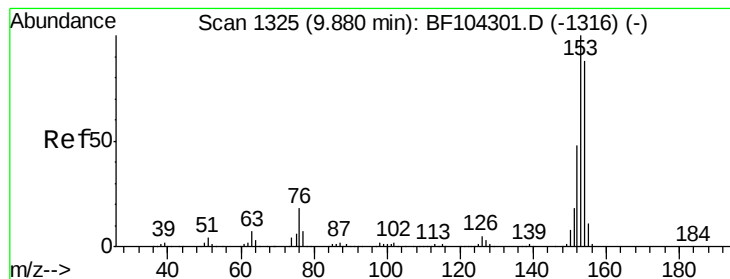
#50
2,6-Dinitrotoluene
Concen: 73.320 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:165 Resp: 316090
Ion Ratio Lower Upper
165 100
63 57.7 44.7 67.1
89 57.7 44.0 66.0



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





#51

Acenaphthene

Concen: 75.021 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

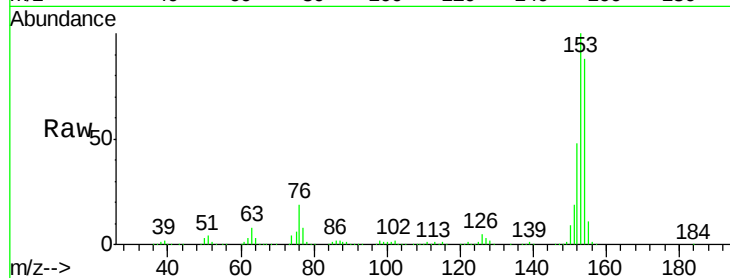
Tot Ion:154 Resp: 1129726

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

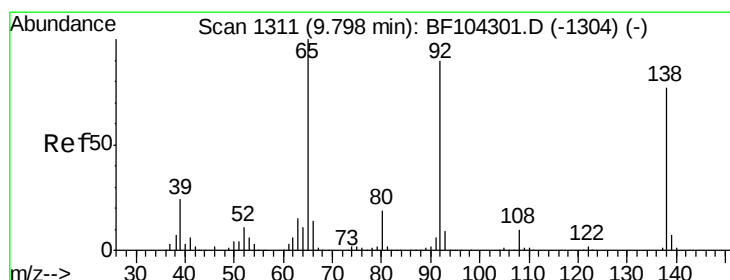
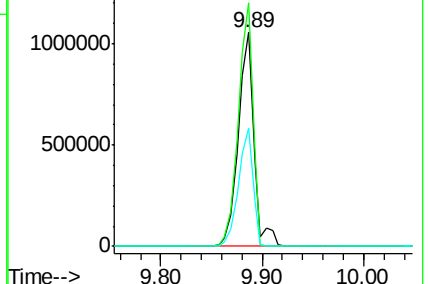
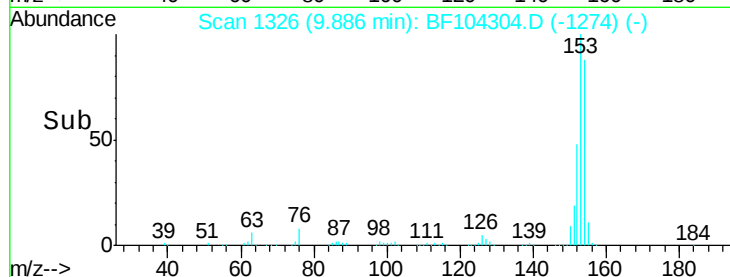
152 55.1 43.8 65.8



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: 74.668 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

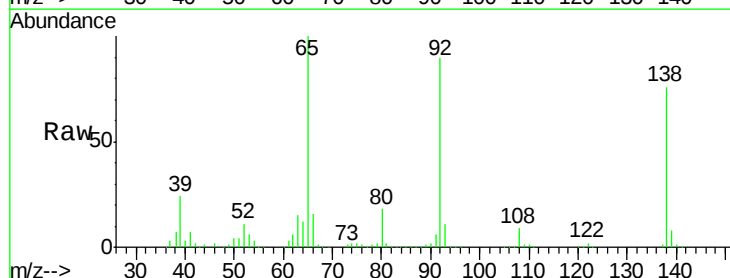
Tgt Ion:138 Resp: 370036

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

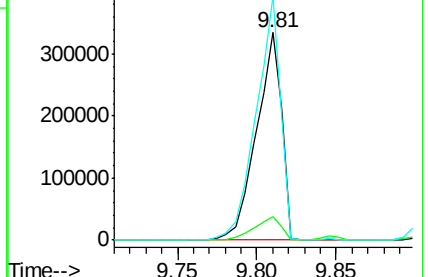
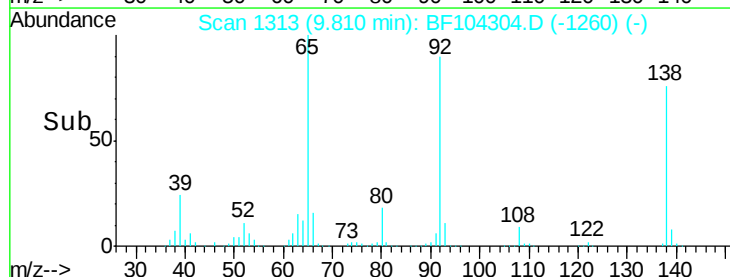
92 117.5 89.4 134.2

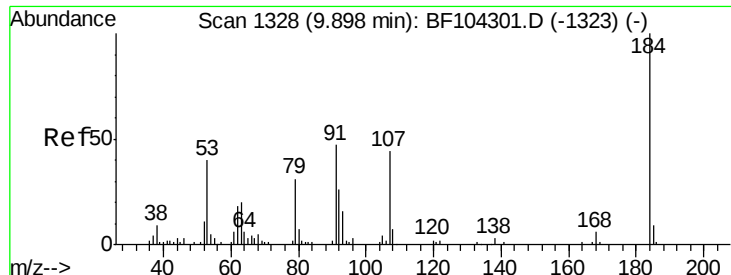


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

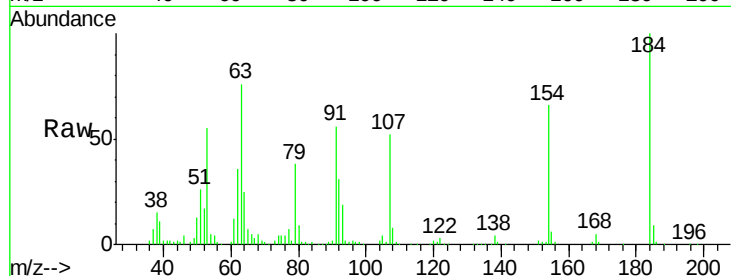




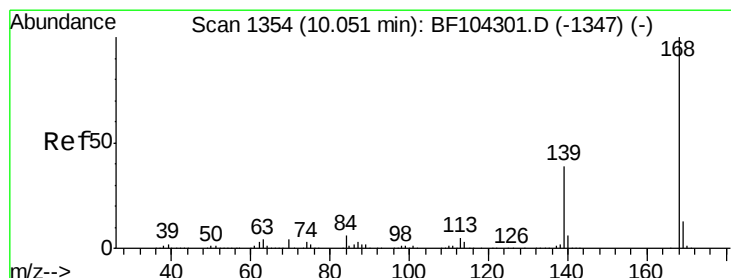
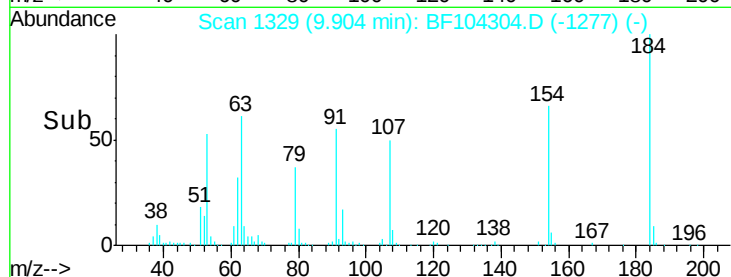
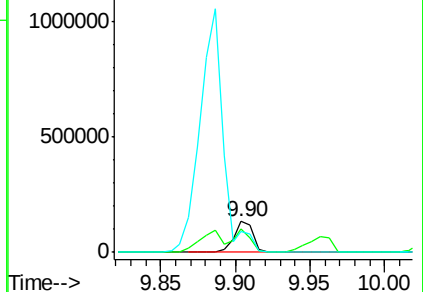
#53
2,4-Dinitrophenol
Concen: 74.441 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 121359
Ion Ratio Lower Upper
184 100
63 76.5 54.2 81.2
154 66.0 184.0 276.0#

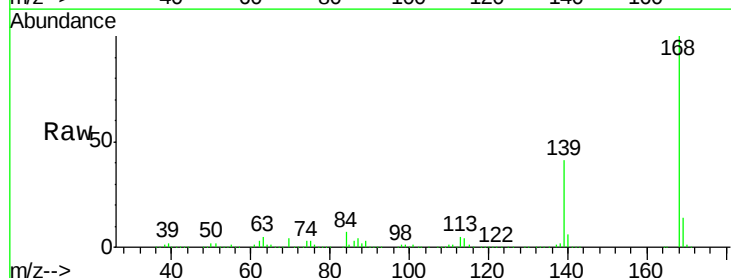


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

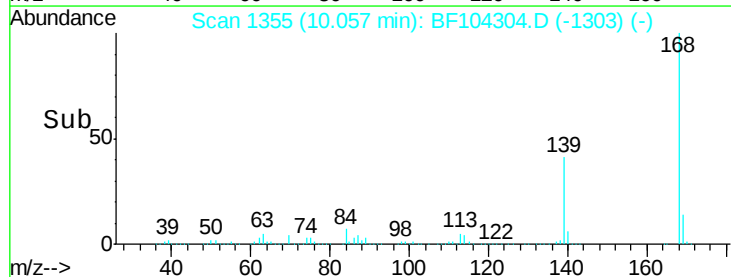
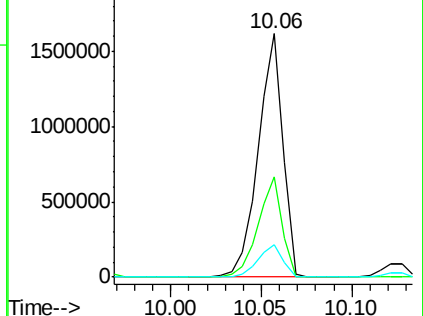


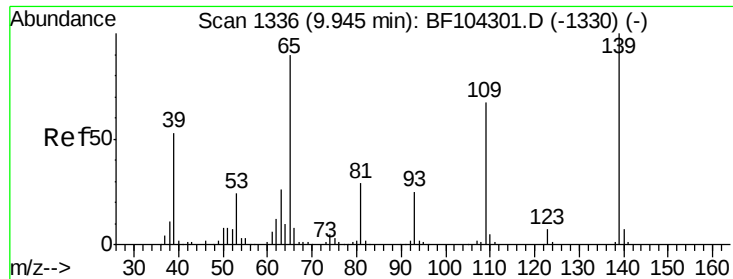
#54
Dibenzofuran
Concen: 69.299 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:168 Resp: 1523914
Ion Ratio Lower Upper
168 100
139 41.2 30.1 45.1
169 13.5 10.9 16.3



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

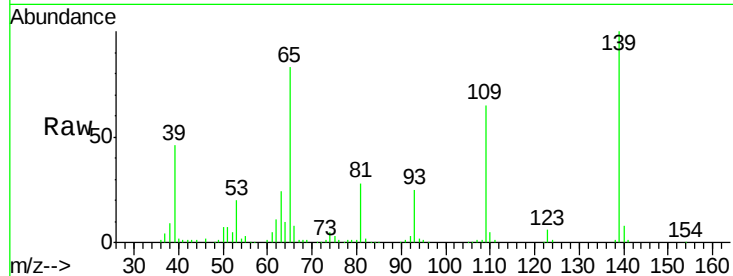




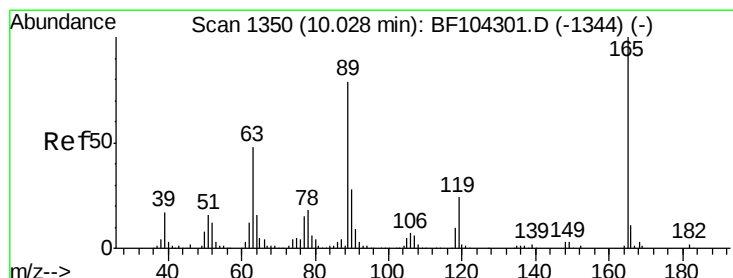
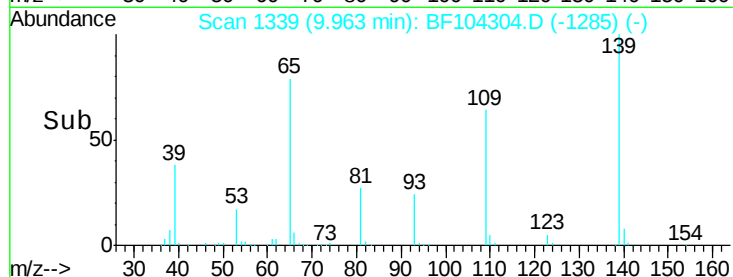
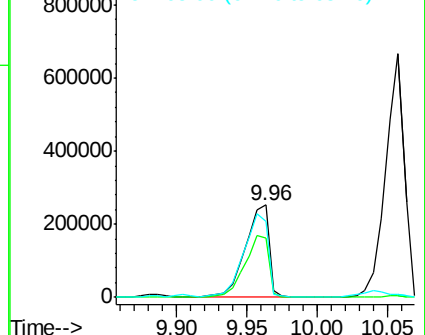
#55
4-Nitrophenol
Concen: 99.281 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 295010
Ion Ratio Lower Upper
139 100
109 64.9 48.4 88.4
65 83.1 72.6 112.6

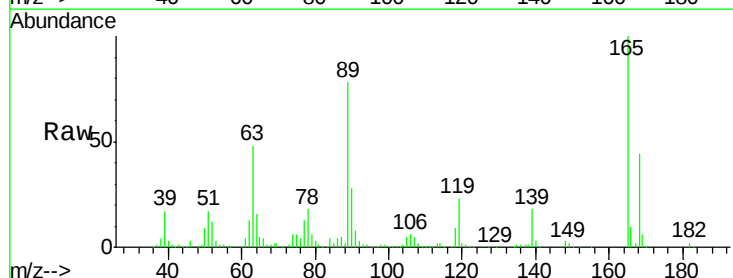


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

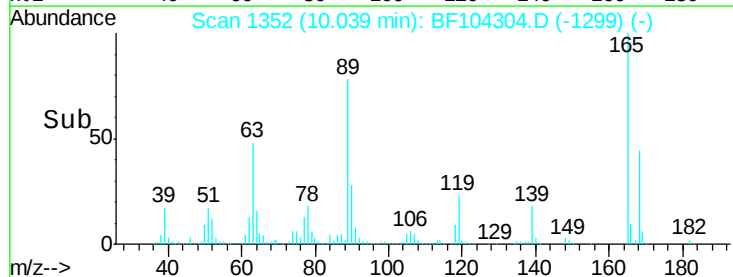
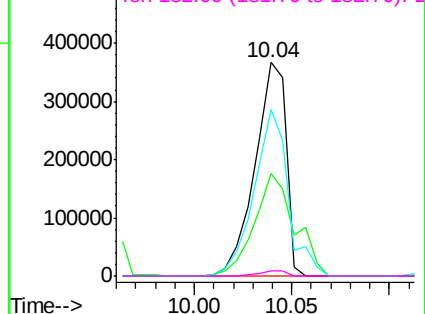


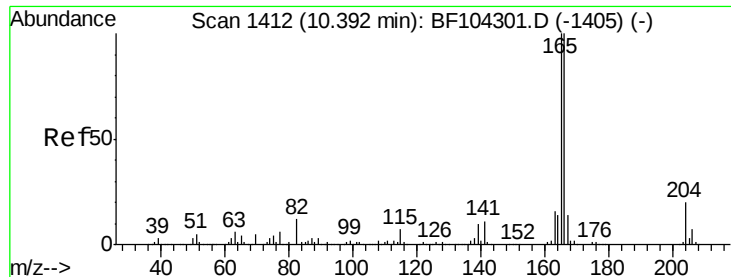
#56
2,4-Dinitrotoluene
Concen: 73.563 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:165 Resp: 404675
Ion Ratio Lower Upper
165 100
63 48.2 36.4 54.6
89 77.6 57.8 86.6
182 2.3 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

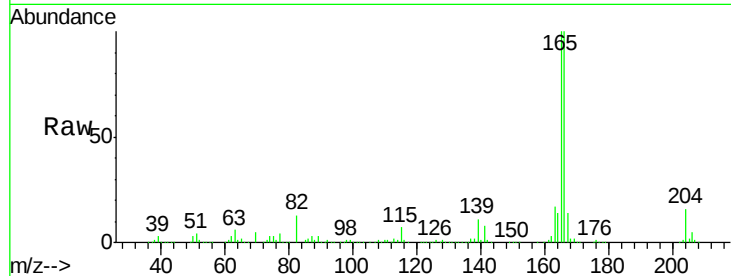




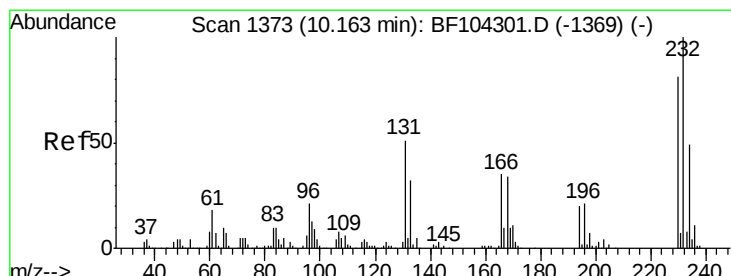
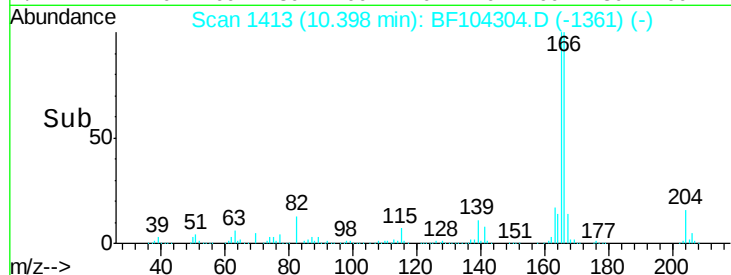
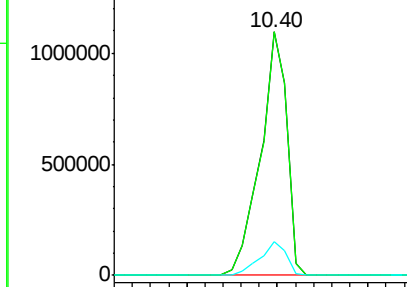
#57
 Fluorene
 Concen: 61.190 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 1109958
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.8 119.8
 167 13.7 10.6 16.0

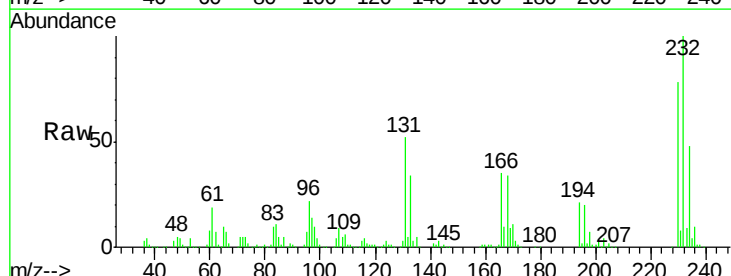


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

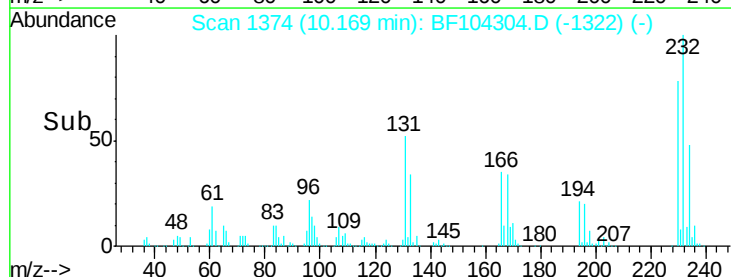
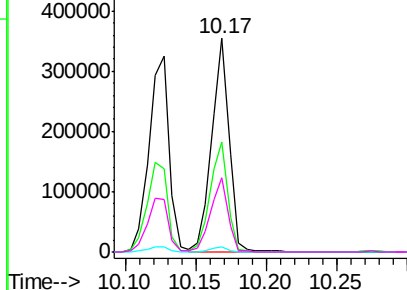


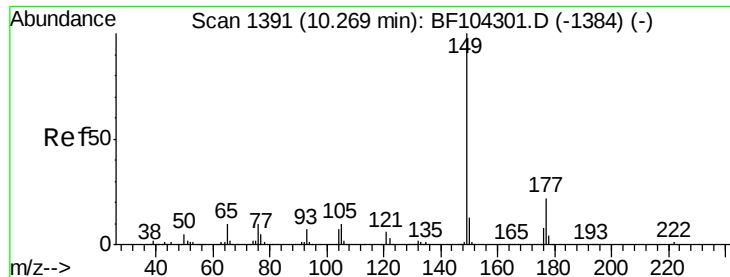
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 68.361 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion:232 Resp: 304765
 Ion Ratio Lower Upper
 232 100
 131 52.7 43.8 65.8
 130 2.5 2.1 3.1
 166 34.8 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

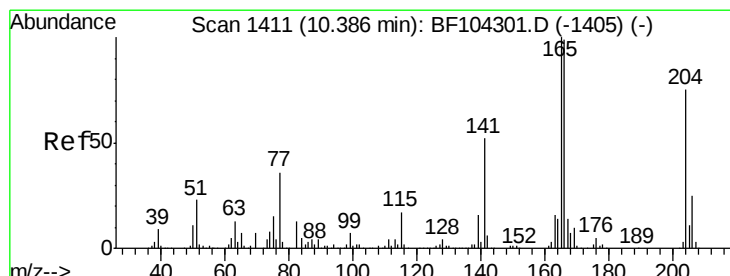
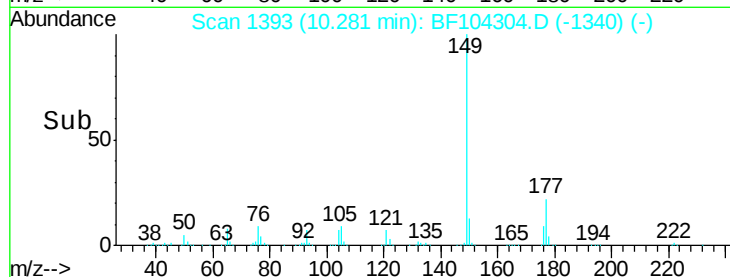
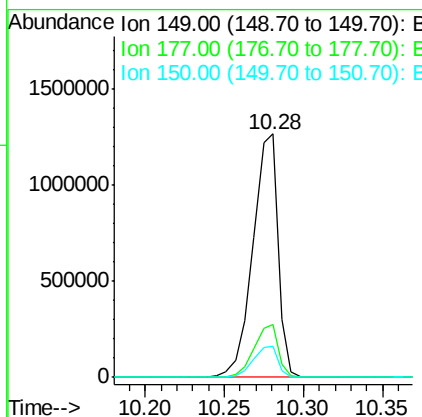
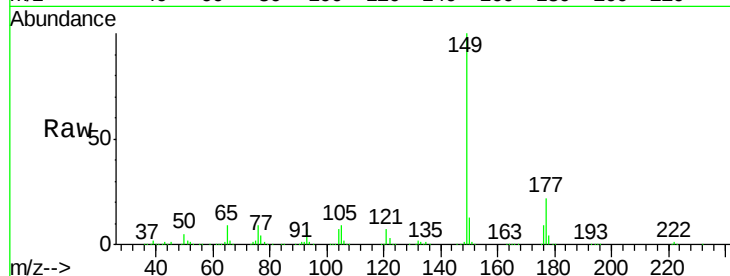




#59
Diethylphthalate
Concen: 72.770 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

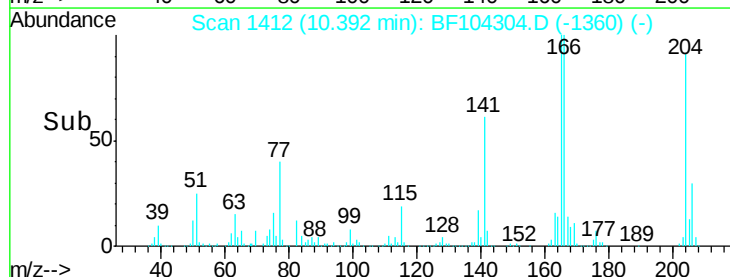
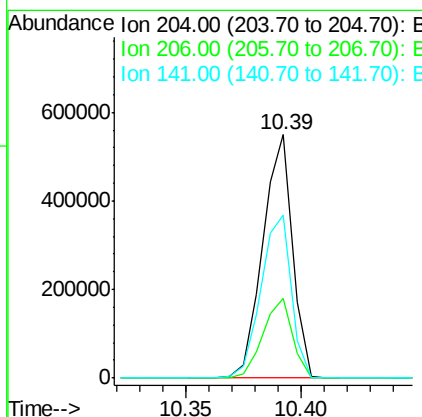
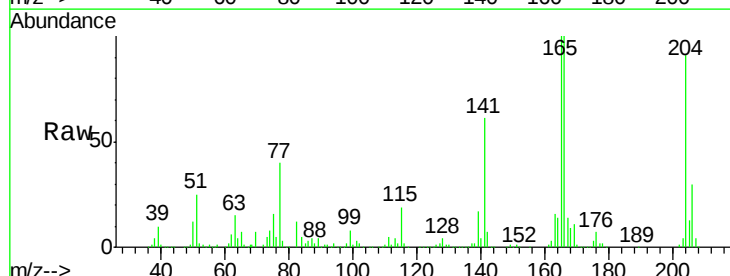
Instrument :
BNA_F
ClientSampleId :

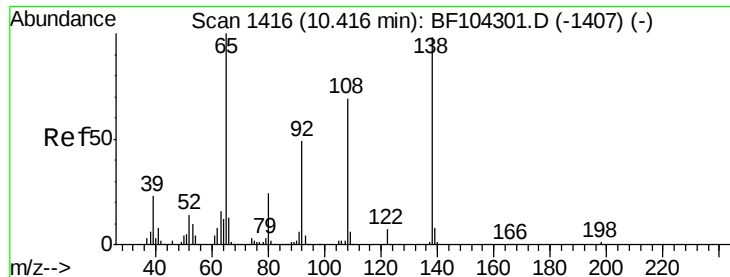
Tot Ion:149 Resp: 1396939
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 58.966 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:204 Resp: 491267
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 67.1 54.6 81.8

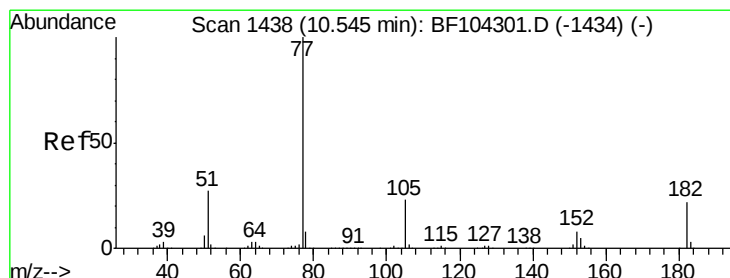
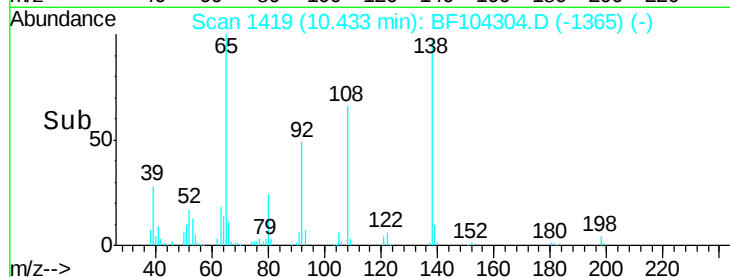
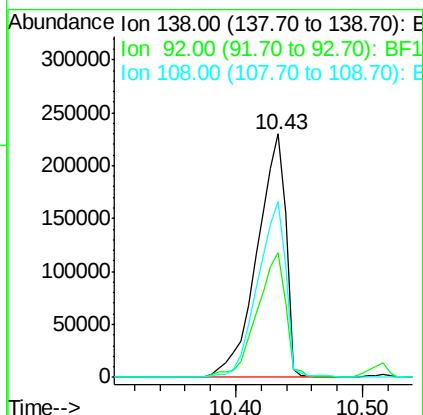
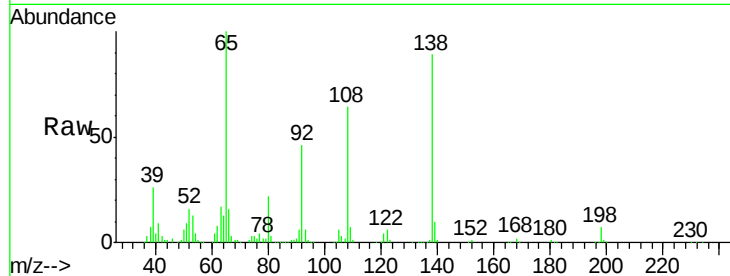




#61
4-Nitroaniline
Concen: 77.868 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.02 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

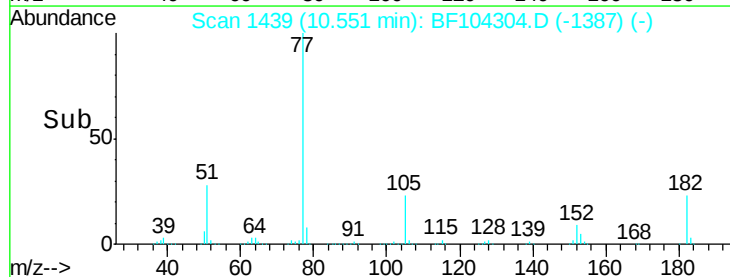
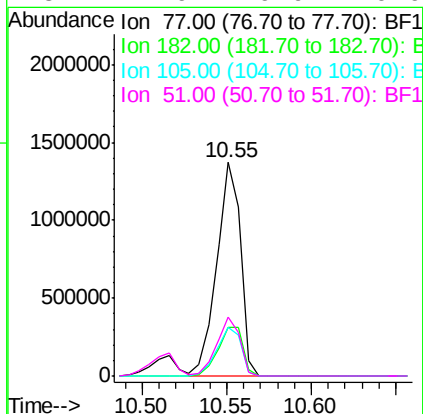
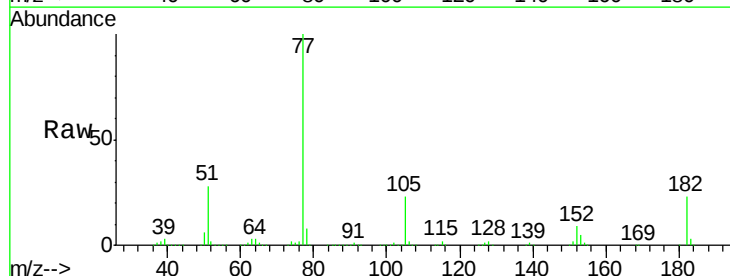
Instrument :
BNA_F
ClientSampleId :

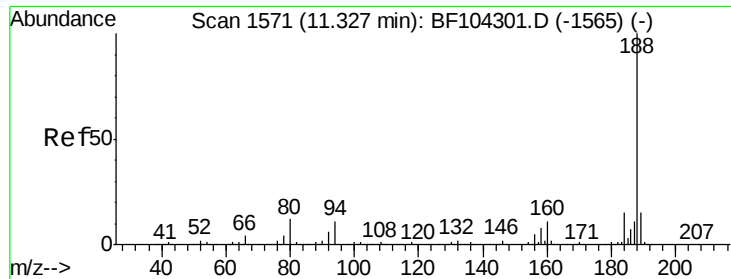
Tot Ion:138 Resp: 361080
Ion Ratio Lower Upper
138 100
92 51.2 30.2 70.2
108 72.5 52.5 92.5



#62
Azobenzene
Concen: 77.501 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion: 77 Resp: 1345274
Ion Ratio Lower Upper
77 100
182 22.6 1.7 41.7
105 22.8 3.0 43.0
51 27.9 9.9 49.9

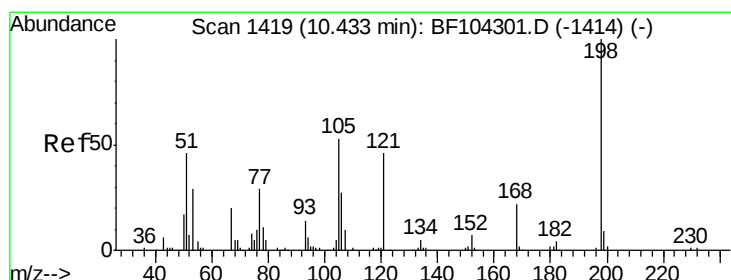
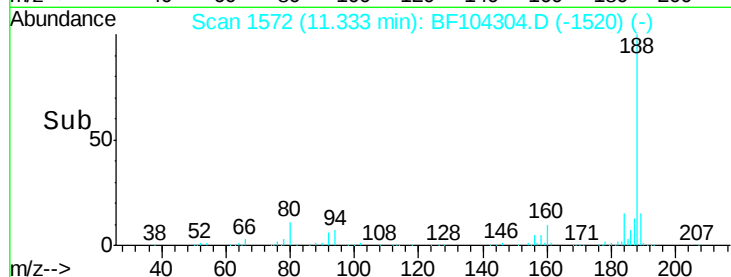
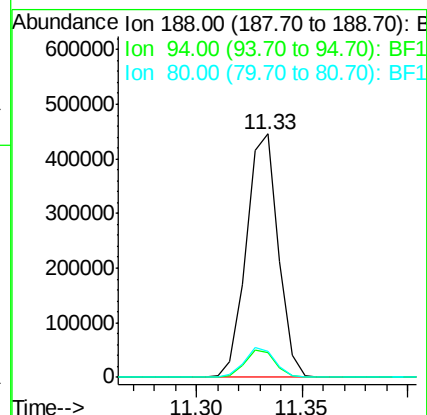
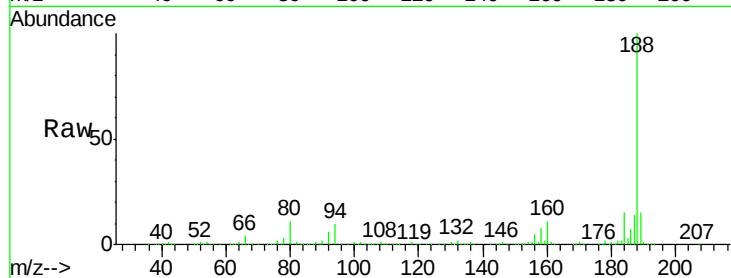




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

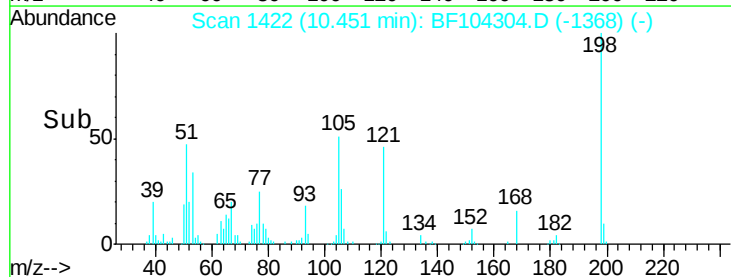
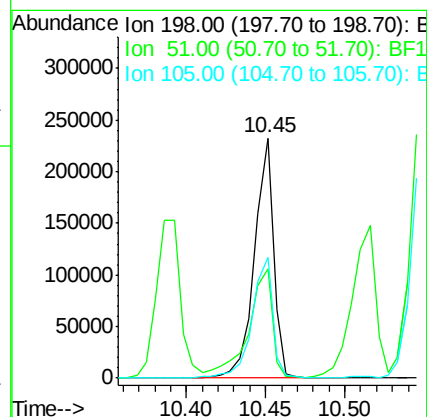
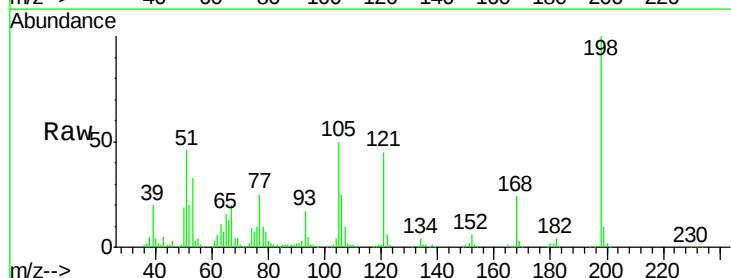
Instrument :
 BNA_F
 ClientSampleId :

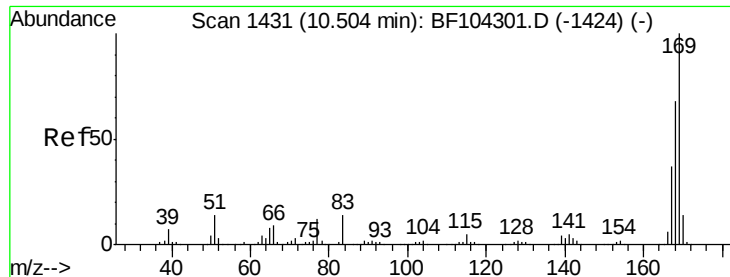
Tot Ion:188 Resp: 466029
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 69.376 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.02 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion:198 Resp: 195709
 Ion Ratio Lower Upper
 198 100
 51 45.7 37.7 77.7
 105 50.1 36.3 76.3

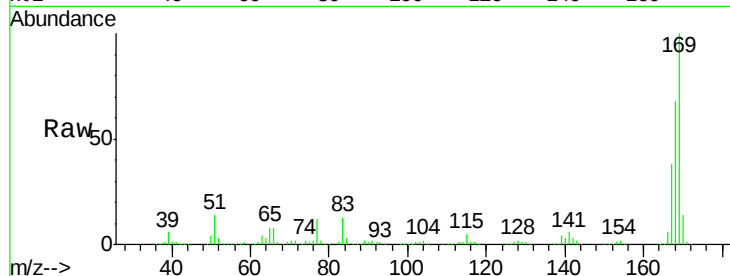




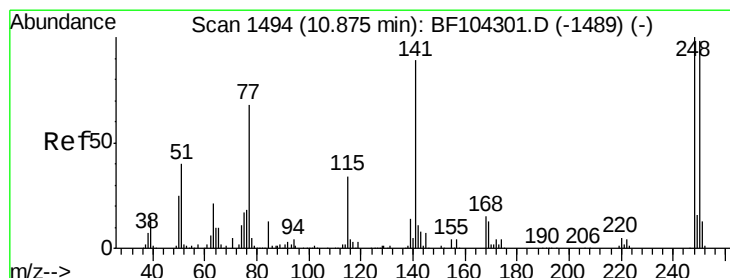
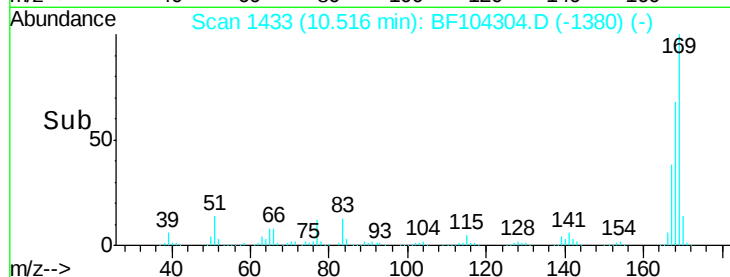
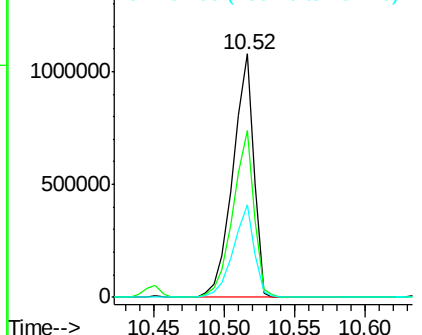
#65
 n-Nitrosodiphenylamine
 Concen: 70.189 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 1107781
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 37.8 29.8 44.6

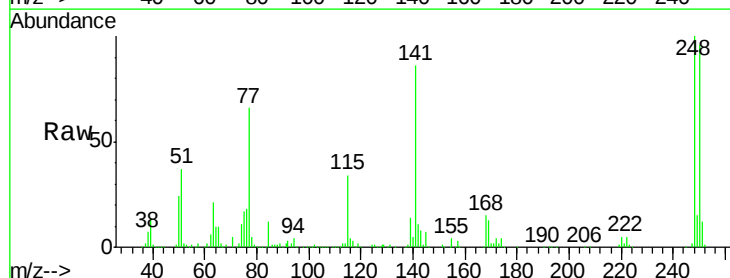


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

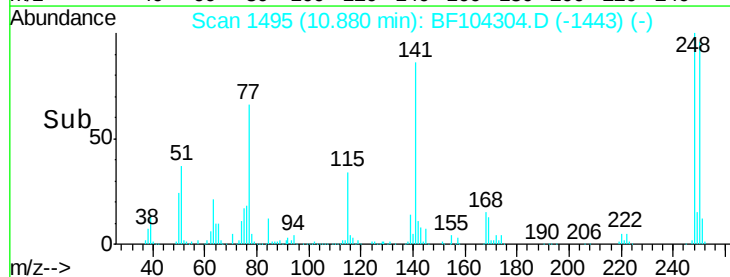
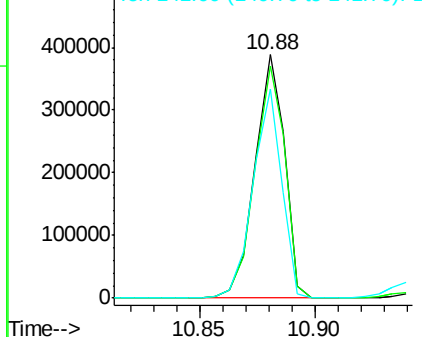


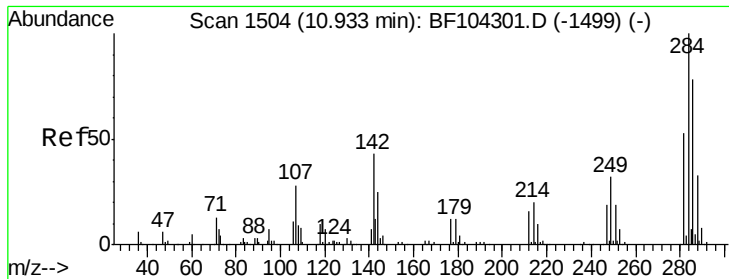
#66
 4-Bromophenyl-phenylether
 Concen: 70.063 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion:248 Resp: 349321
 Ion Ratio Lower Upper
 248 100
 250 95.6 76.9 115.3
 141 85.8 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

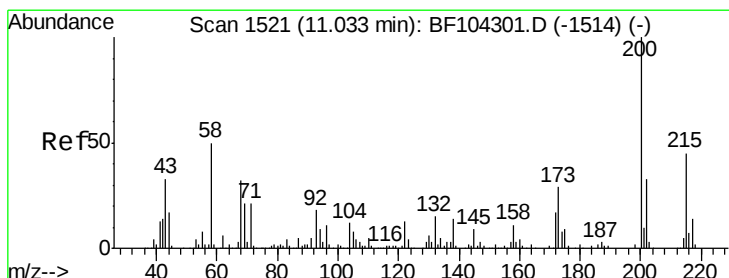
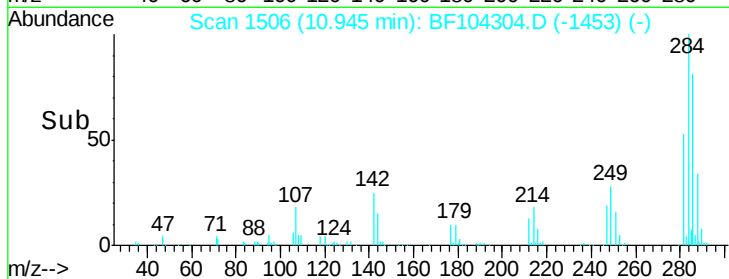
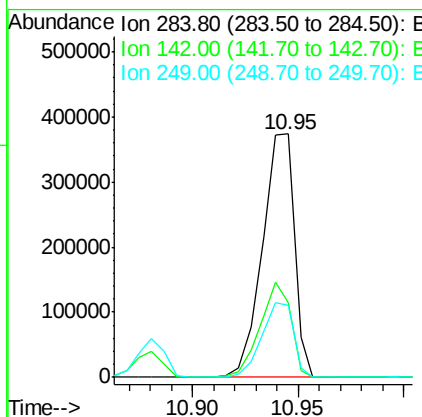
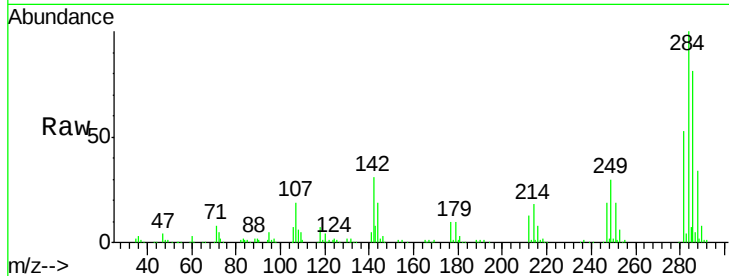




#67
Hexachlorobenzene
Concen: 68.964 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

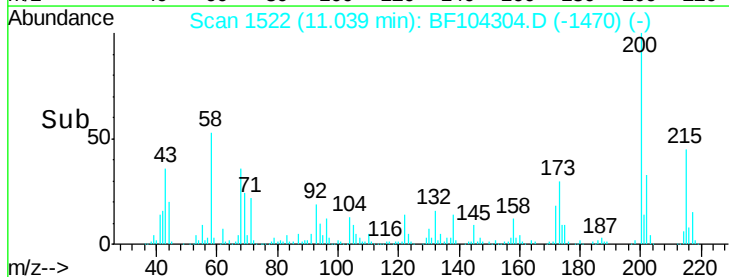
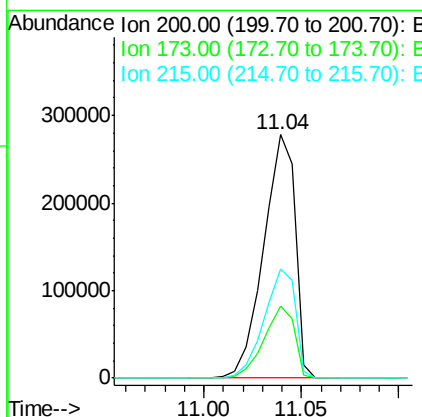
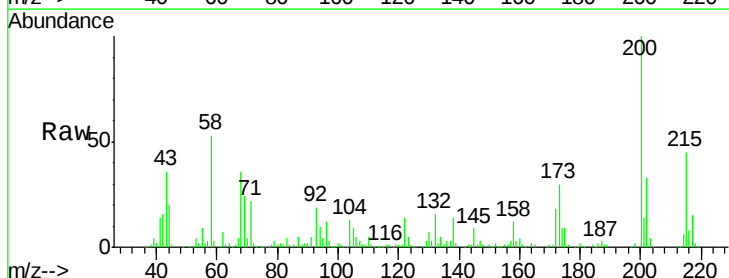
Instrument :
BNA_F
ClientSampled :

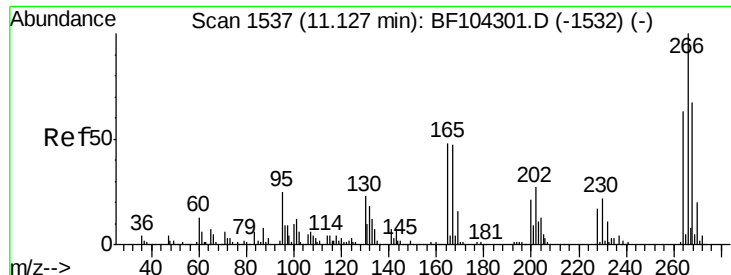
Tot Ion:284 Resp: 395525
Ion Ratio Lower Upper
284 100
142 30.5 34.6 52.0#
249 29.7 24.8 37.2



#68
Atrazine
Concen: 64.118 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:200 Resp: 310025
Ion Ratio Lower Upper
200 100
173 29.8 8.6 48.6
215 44.6 25.1 65.1

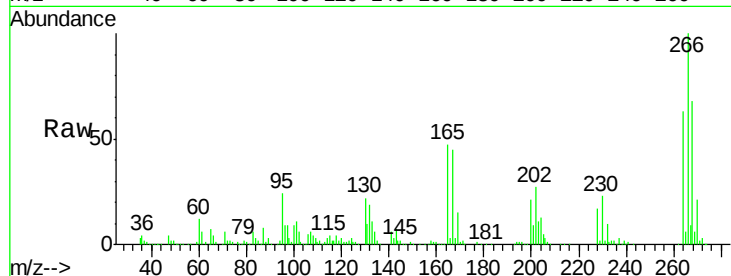




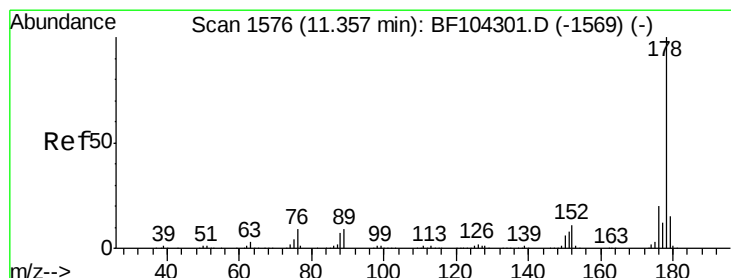
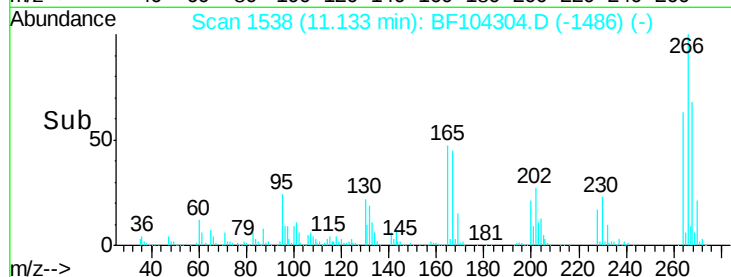
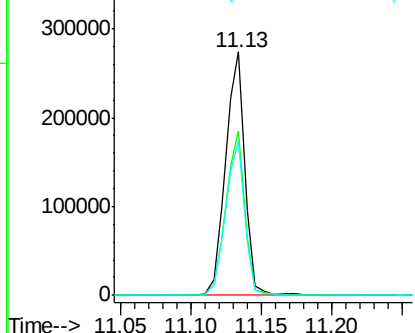
#69
 Pentachlorophenol
 Concen: 82.124 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 259181
 Ion Ratio Lower Upper
 266 100
 268 67.7 51.1 76.7
 264 63.4 49.5 74.3

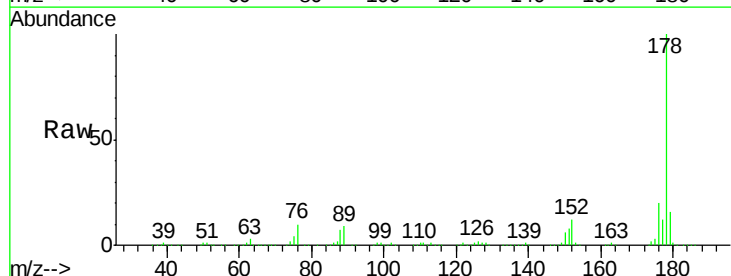


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

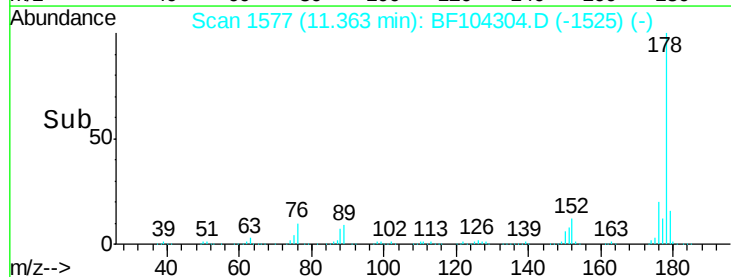
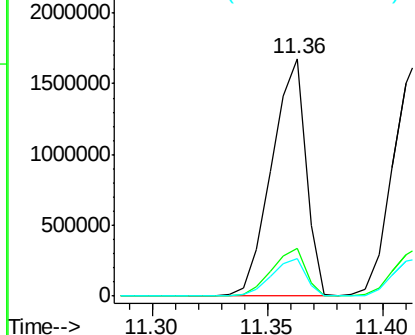


#70
 Phenanthrene
 Concen: 68.330 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion:178 Resp: 1724065
 Ion Ratio Lower Upper
 178 100
 176 20.3 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

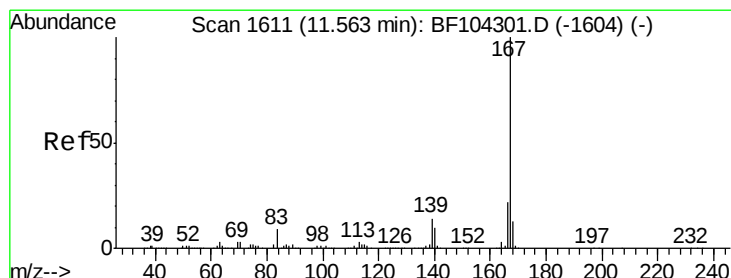
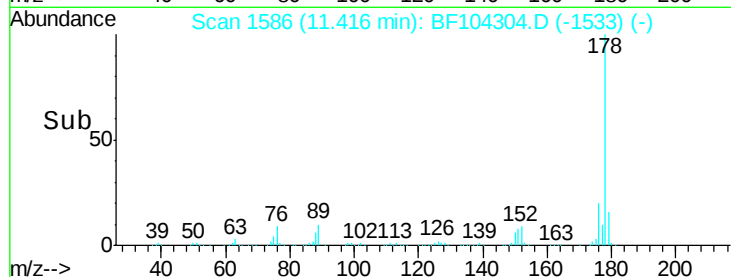
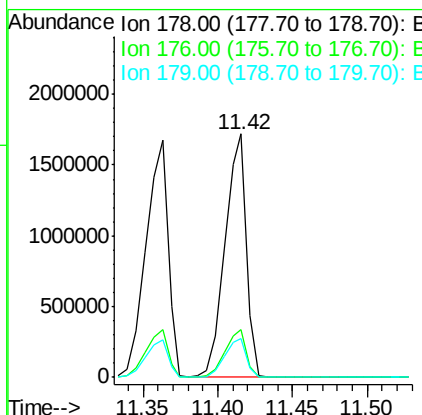
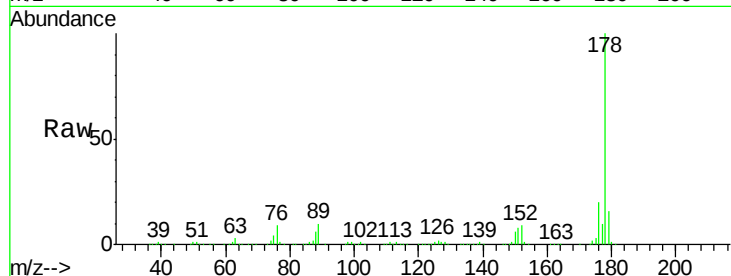




#71
 Anthracene
 Concen: 66.038 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

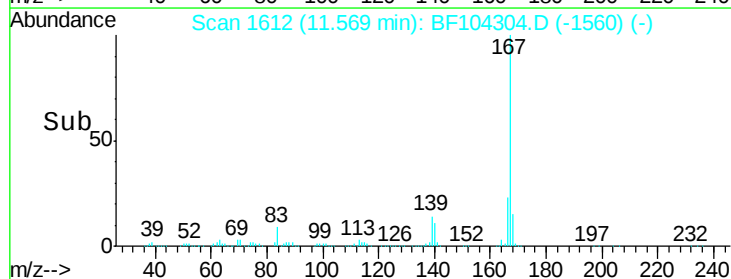
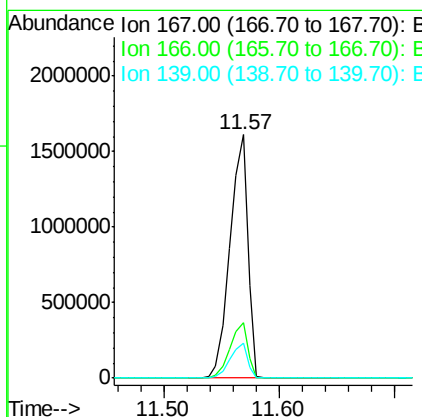
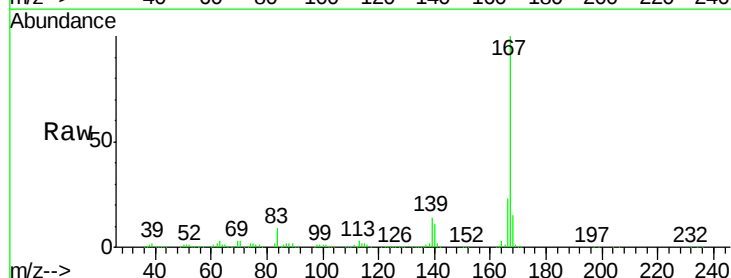
Instrument :
 BNA_F
 ClientSampleId :

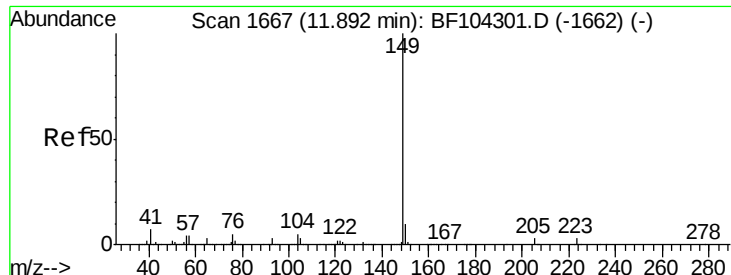
Tot Ion:178 Resp: 1740438
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 68.683 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion:167 Resp: 1727645
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 70.044 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

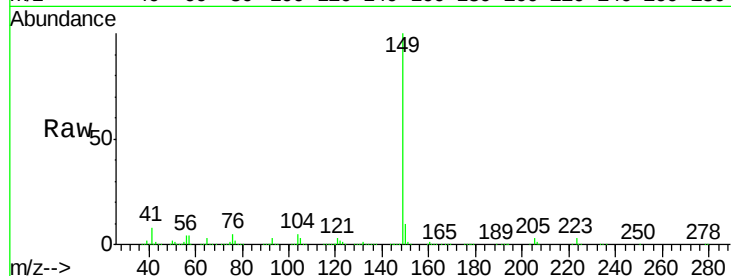
Tot Ion:149 Resp: 2098673

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

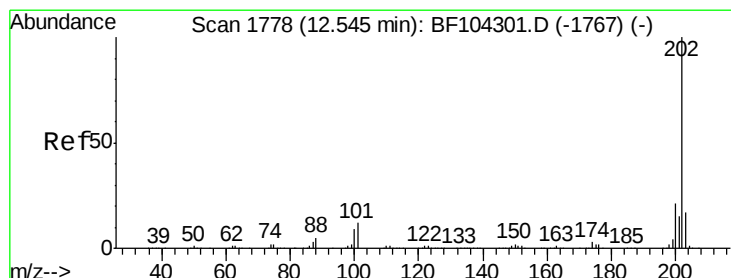
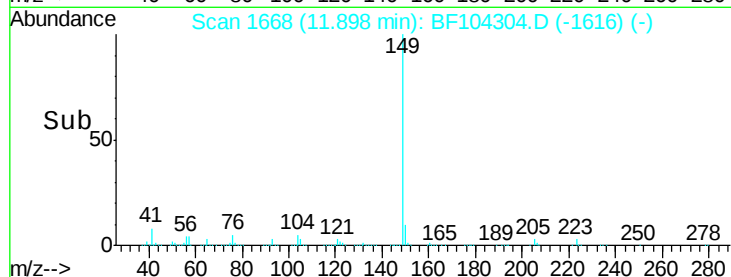
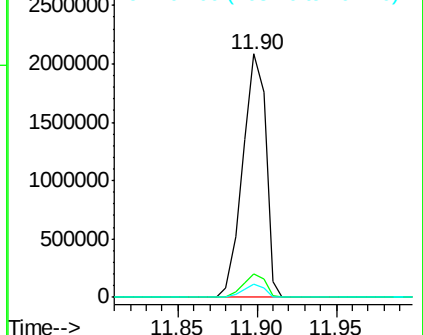
104 5.5 3.8 5.8



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: 66.182 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

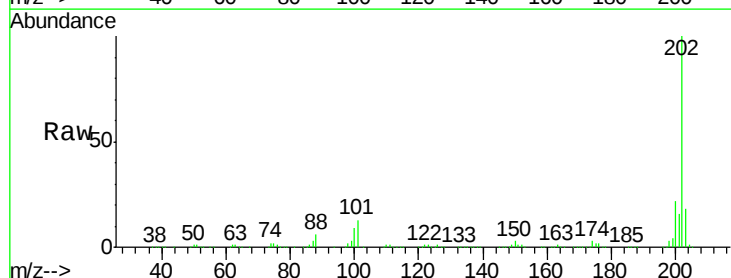
Tgt Ion:202 Resp: 1774972

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

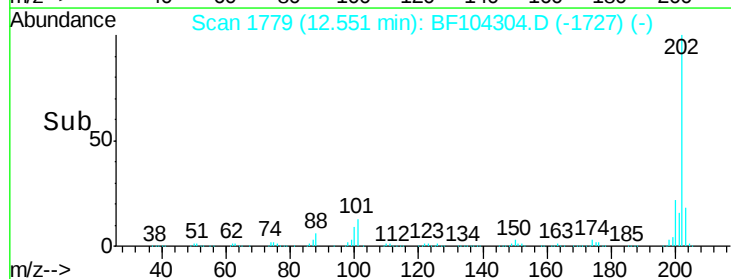
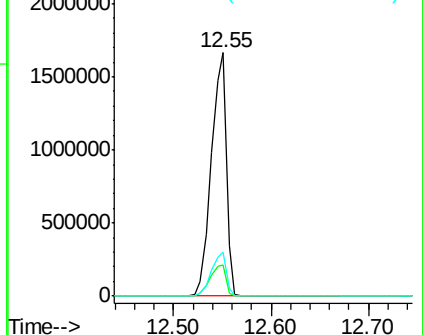
203 18.2 0.0 38.1

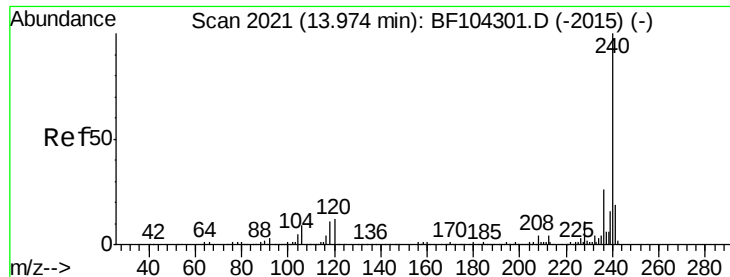


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleID :

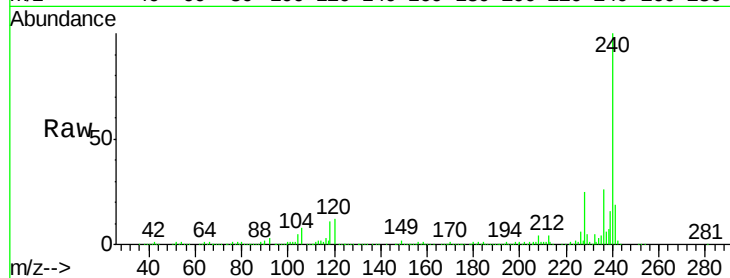
Tot Ion:240 Resp: 332264

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

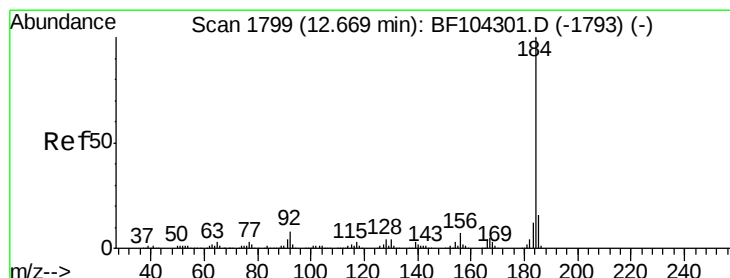
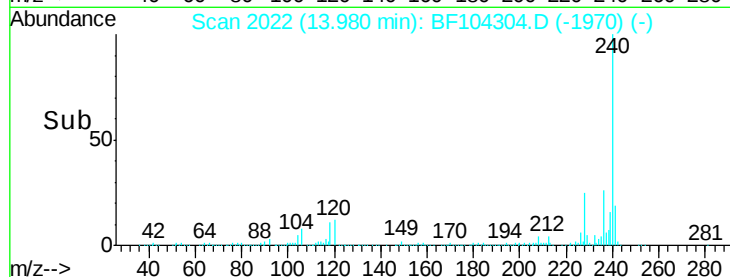
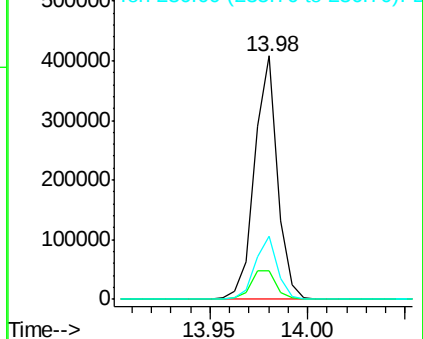
236 25.8 20.7 31.1



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: 2.929 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.26 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

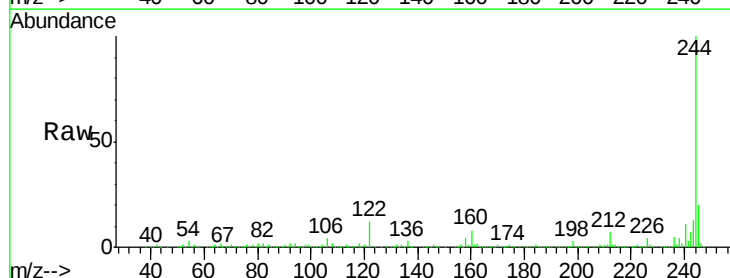
Tgt Ion:184 Resp: 27737

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

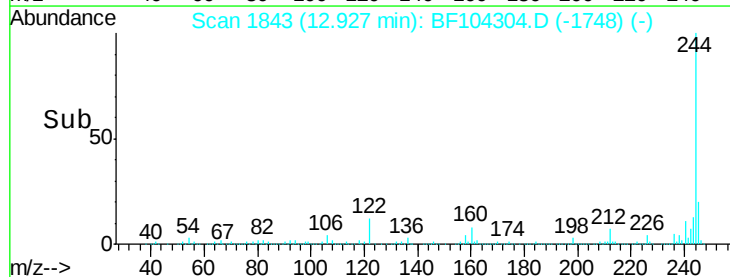
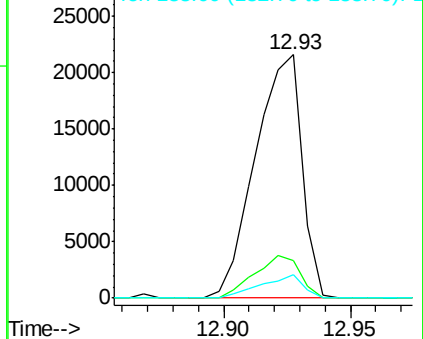
183 9.7 9.3 13.9

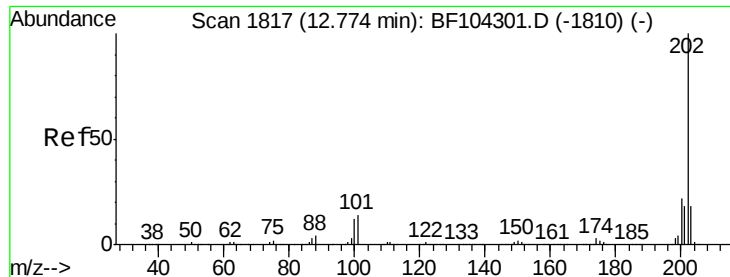


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

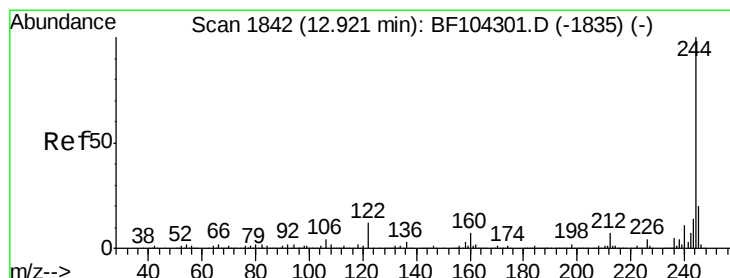
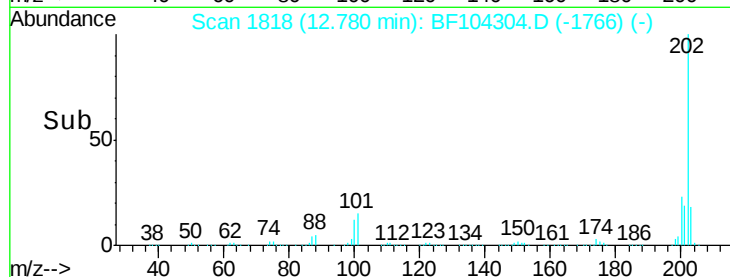
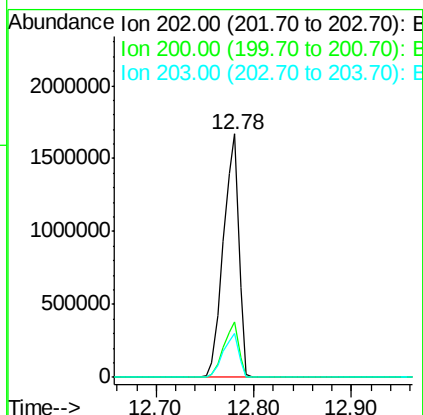
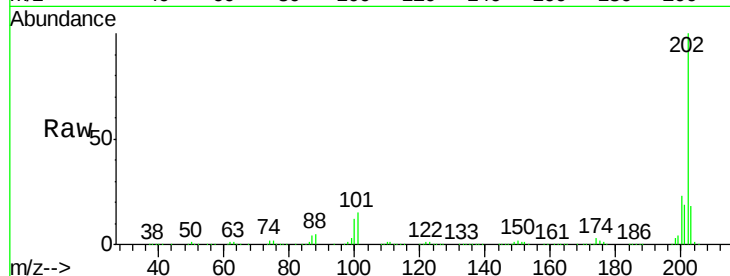




#77
Pvrene
Concen: 76.891 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

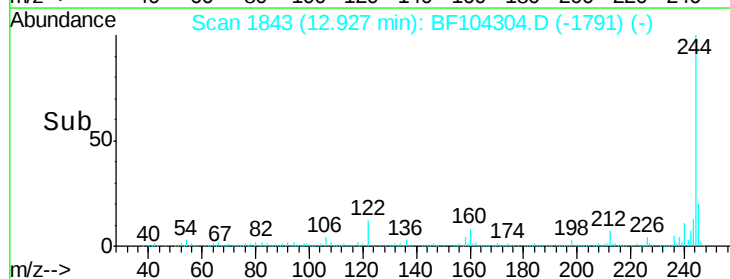
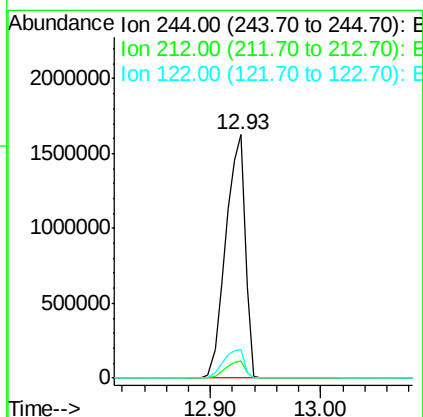
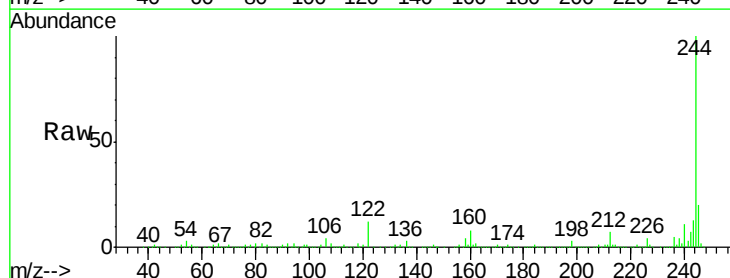
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1836550
Ion Ratio Lower Upper
202 100
200 22.8 17.4 26.2
203 18.1 14.3 21.5



#78
Terphenyl-d14
Concen: 139.773 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:244 Resp: 2011365
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.7 11.0 16.4

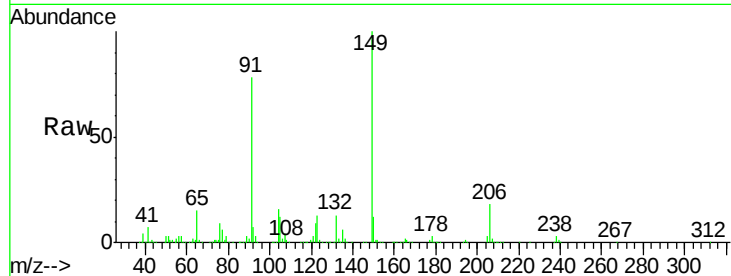




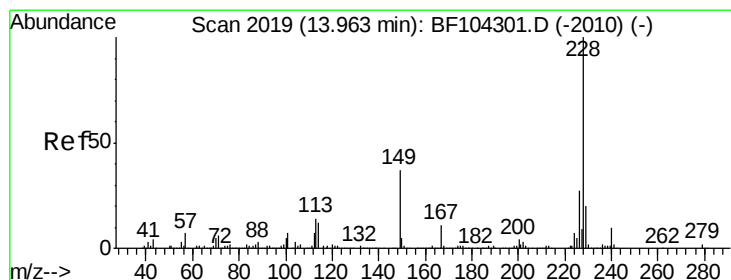
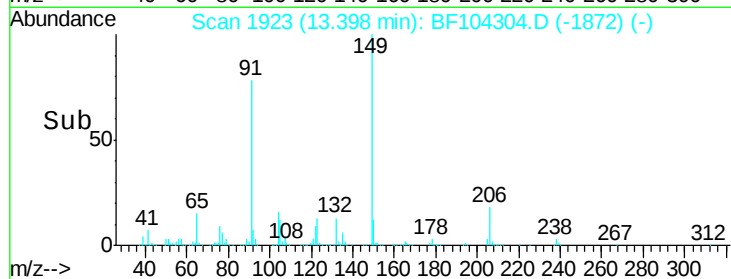
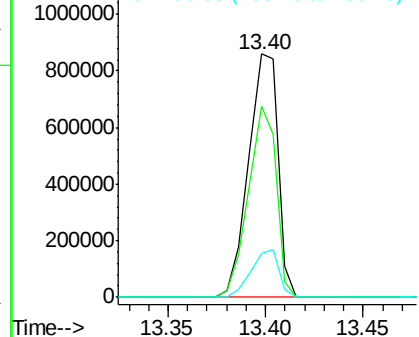
#79
Butylbenzylphthalate
Concen: 79.968 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 899870
Ion Ratio Lower Upper
149 100
91 78.3 56.8 85.2
206 18.0 14.1 21.1

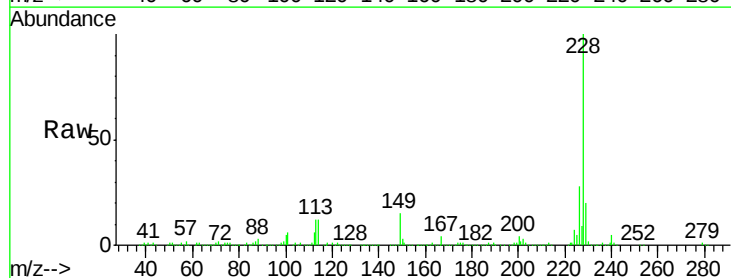


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

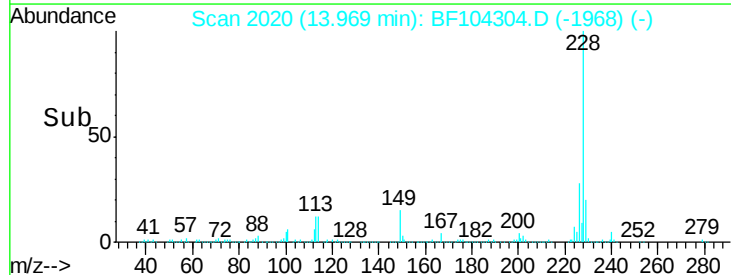
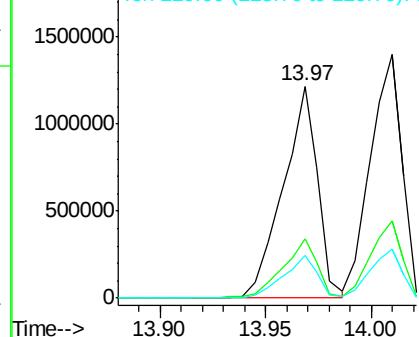


#80
Benzo(a)anthracene
Concen: 66.767 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:228 Resp: 1388099
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.0 15.8 23.6



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





#81

3,3'-Dichlorobenzidine

Concen: 73.353 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

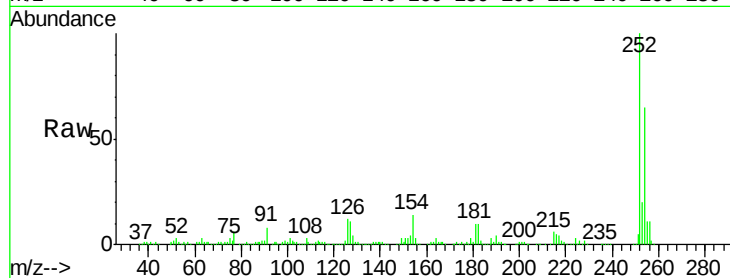
Tot Ion:252 Resp: 504794

Ion Ratio Lower Upper

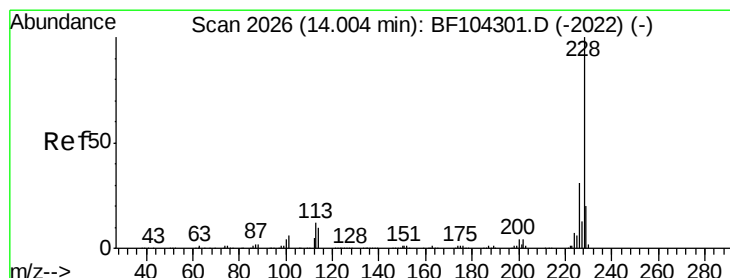
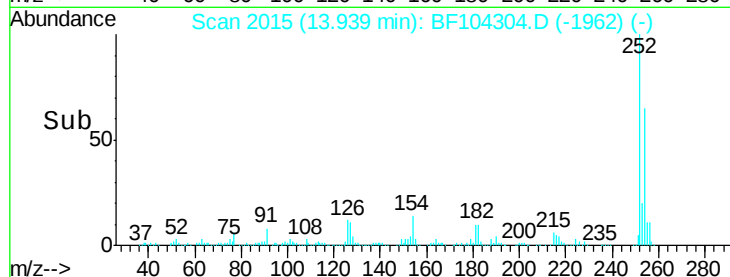
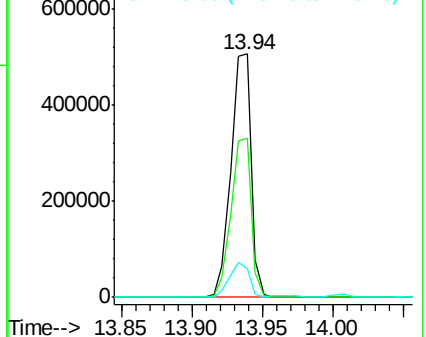
252 100

254 65.1 50.4 75.6

126 11.6 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: 72.007 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

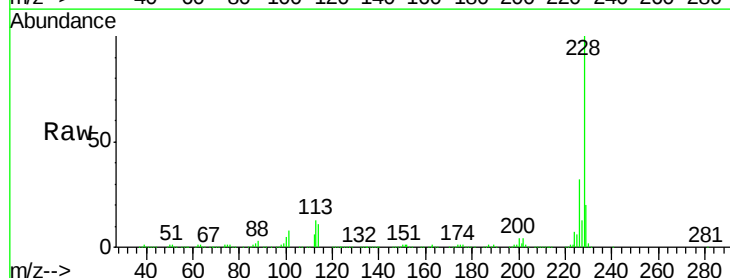
Tgt Ion:228 Resp: 1466296

Ion Ratio Lower Upper

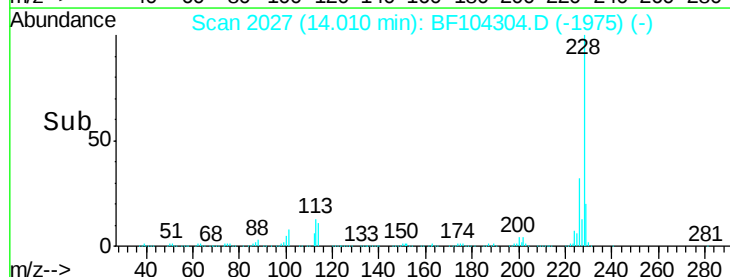
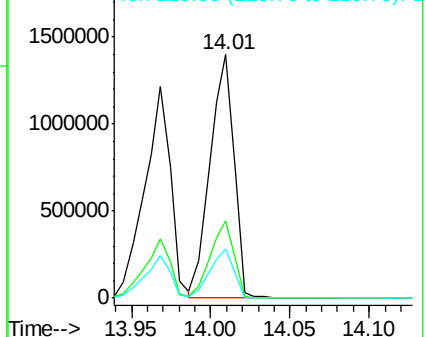
228 100

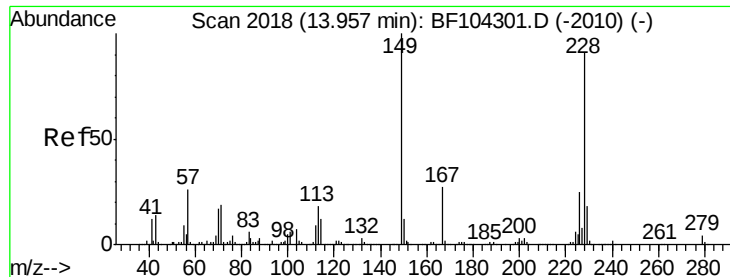
226 31.7 25.0 37.6

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

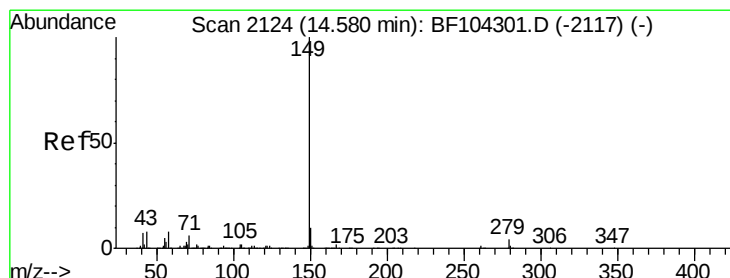
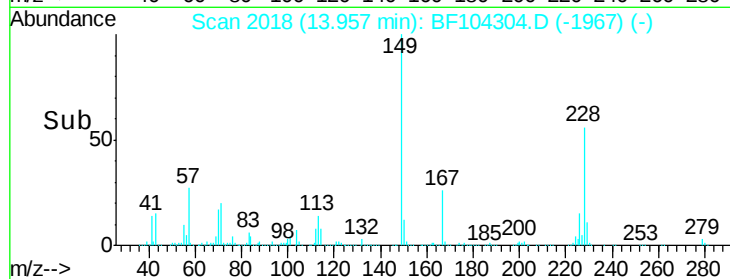
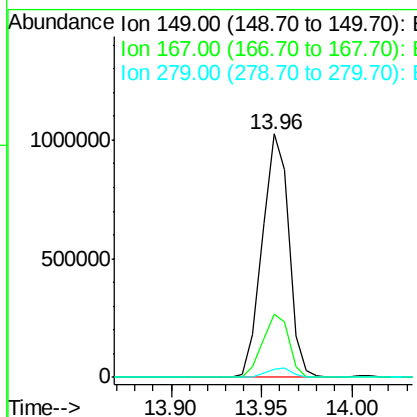
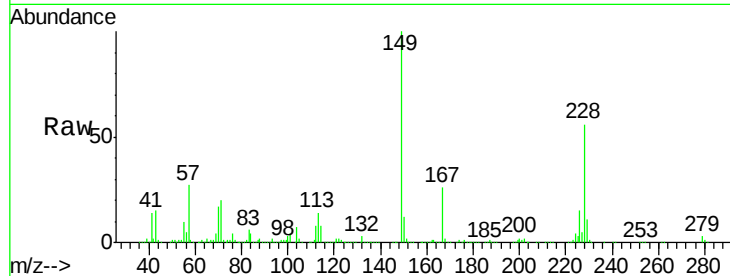




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 71.828 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

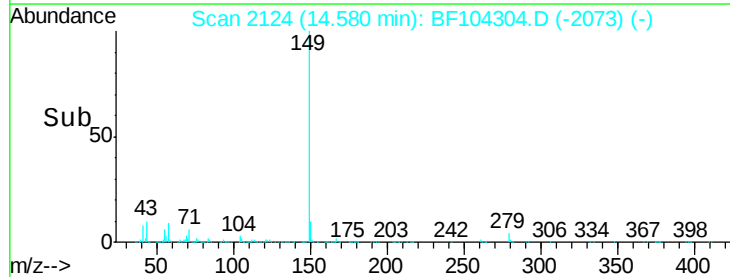
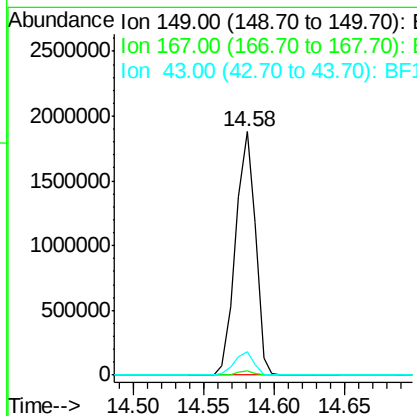
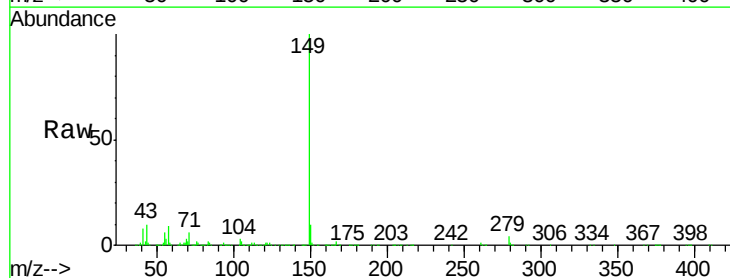
Instrument :
 BNA_F
 ClientSampleId :

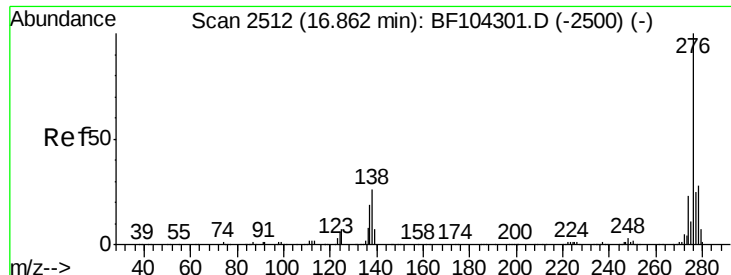
Tot Ion:149 Resp: 1044342
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 3.5 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 73.411 ng
 RT: 14.58 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion:149 Resp: 1836037
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.8 8.4 12.6

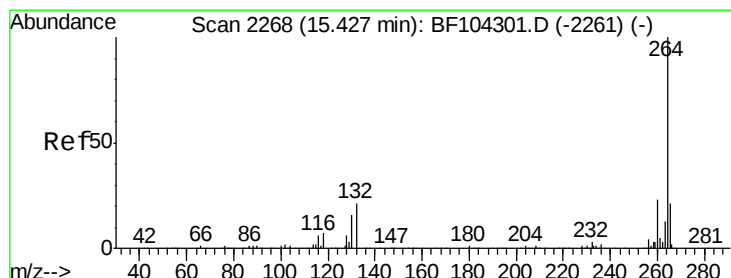
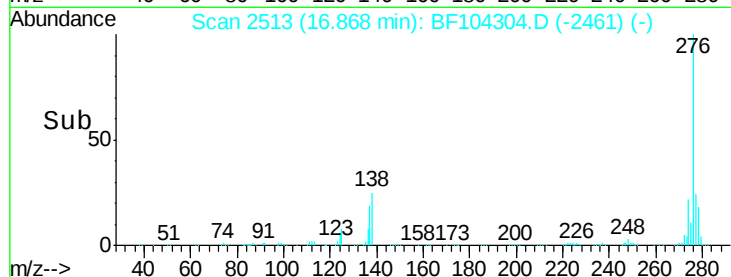
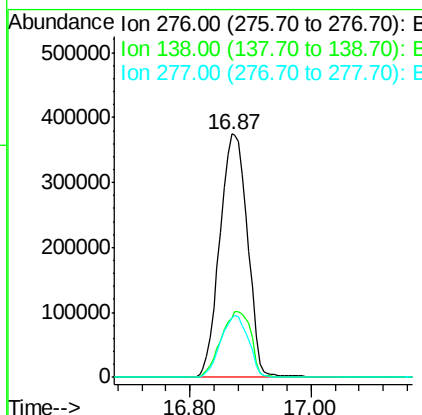
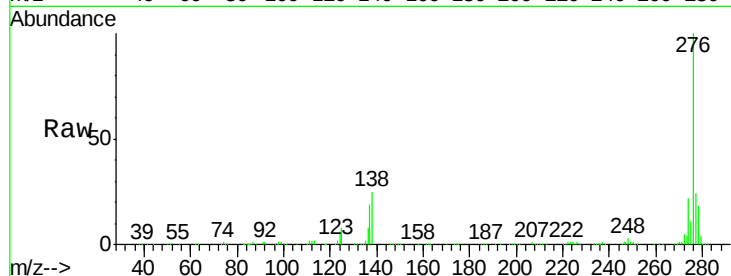




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.704 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

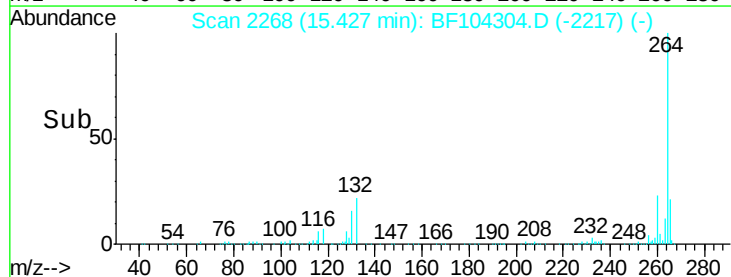
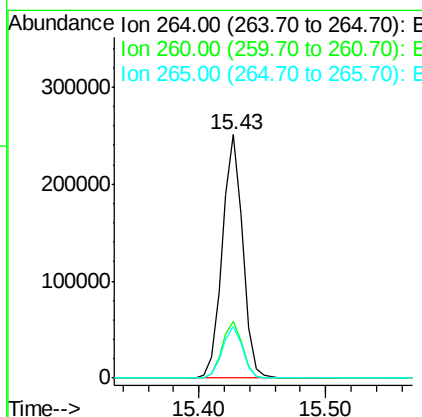
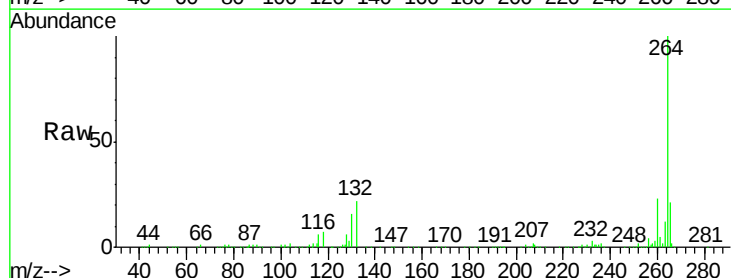
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1196541
 Ion Ratio Lower Upper
 276 100
 138 29.3 25.0 37.6
 277 25.5 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion:264 Resp: 279973
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.0 17.5 26.3

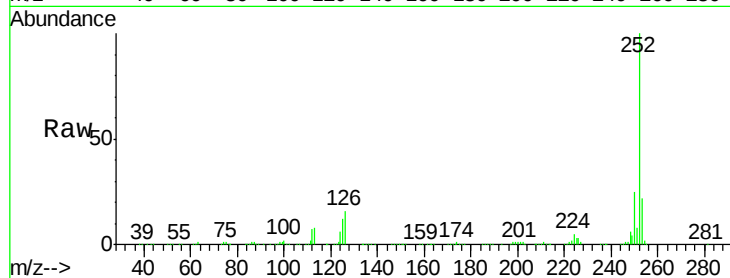




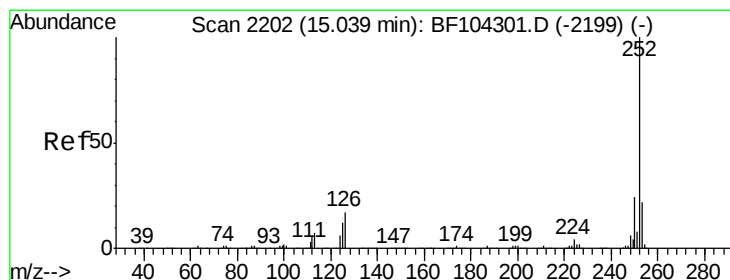
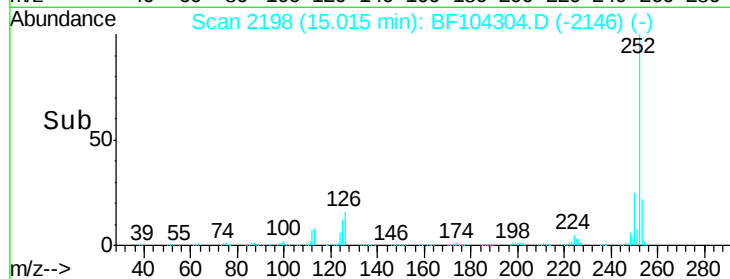
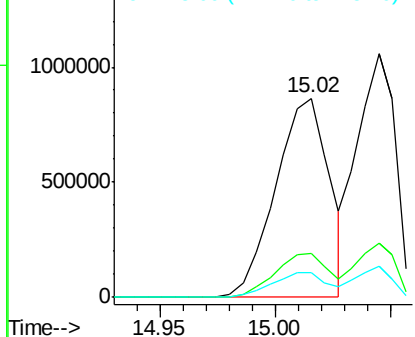
#87
Benzo(b)fluoranthene
Concen: 81.806 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1393880
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.4 9.0 13.6

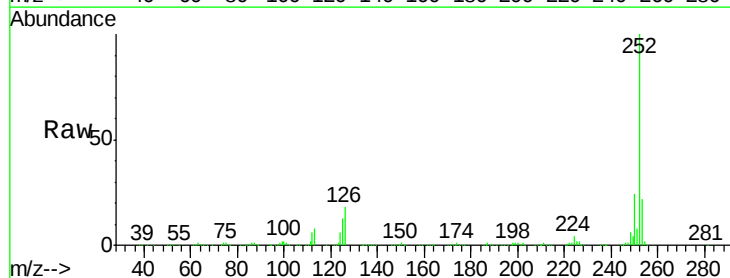


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

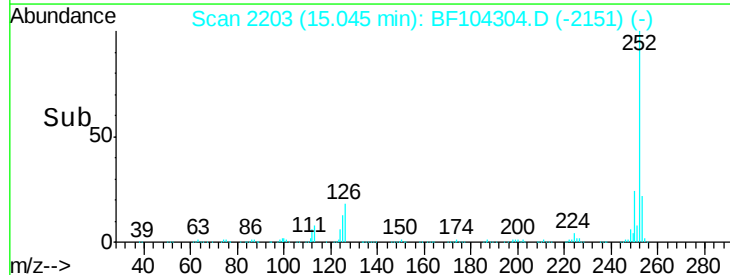
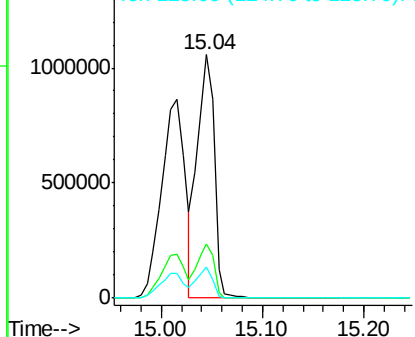


#88
Benzo(k)fluoranthene
Concen: 76.727 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:252 Resp: 1231531
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.9 10.2 15.2



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





#89

Benzo(a)pyrene

Concen: 75.669 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampled :

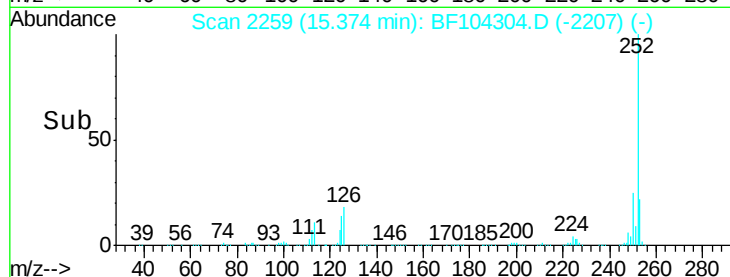
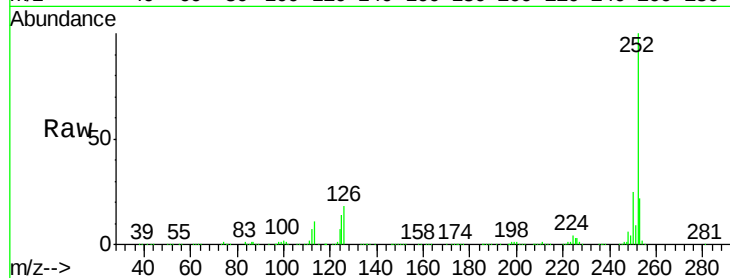
Tot Ion:252 Resp: 1194801

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

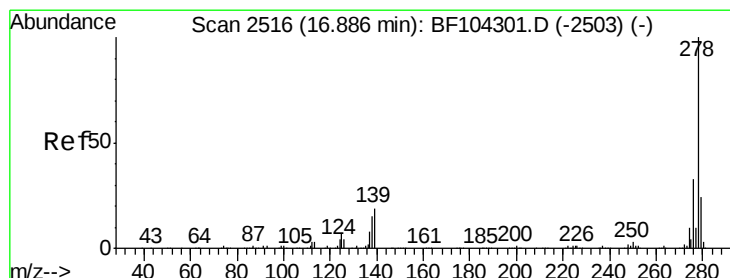
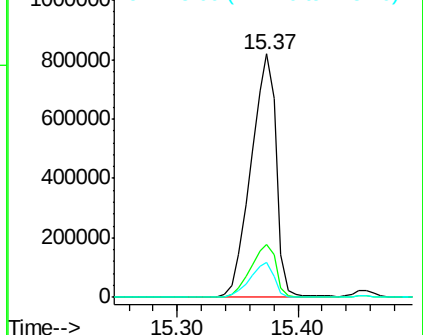
125 14.2 9.8 14.6



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: 66.760 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

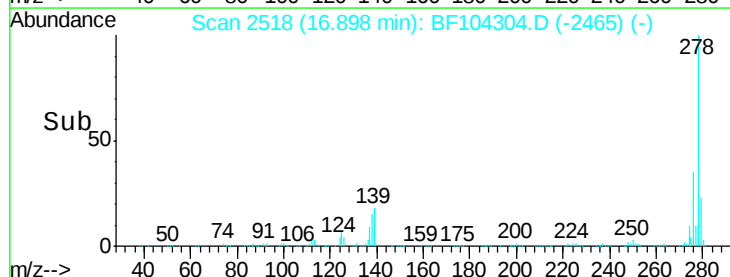
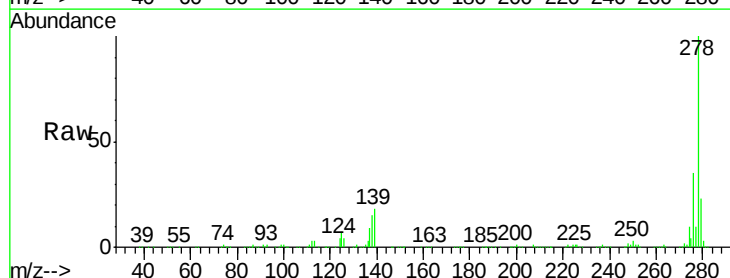
Tgt Ion:278 Resp: 974609

Ion Ratio Lower Upper

278 100

139 18.5 15.9 23.9

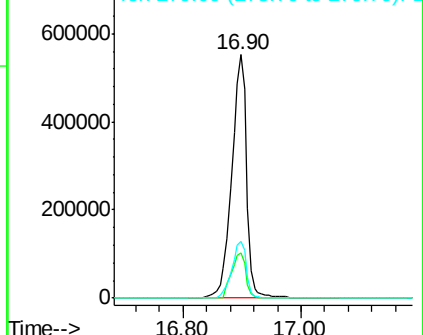
279 23.3 19.0 28.4

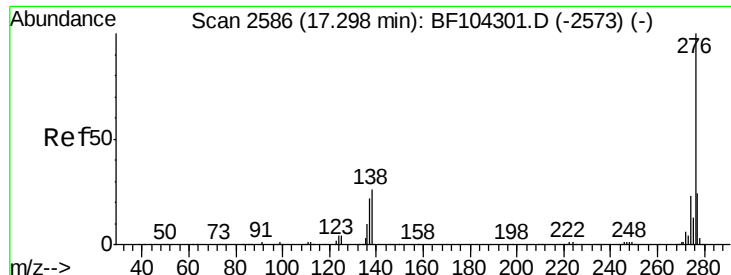


Abundance Ion 278.00 (277.70 to 278.70): E

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: 67.905 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.02 min

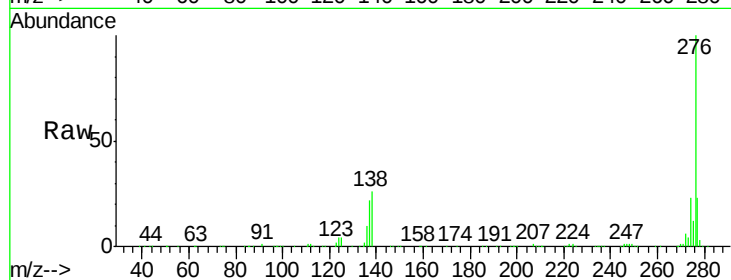
Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 992932

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 25.7 21.8 32.8

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

