

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104094.D
 Acq On : 30 Mar 2018 16:00
 Operator : JU/SJ
 Sample : PB107643BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 17:21:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	112637	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	478355	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	234766	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	436659	20.00	ng	0.00
75) Chrysene-d12	14.15	240	356925	20.00	ng	0.00
86) Perylene-d12	15.69	264	314974	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	582848	82.52	ng	0.01
7) Phenol-d6	6.59	99	749674	86.27	ng	0.00
23) Nitrobenzene-d5	7.53	82	683293	87.36	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	226616	86.69	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1335751	89.72	ng	0.00
78) Terphenyl-d14	13.08	244	1287033	83.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	107922	35.428	ng	# 87
3) Pyridine	3.67	79	251754	32.646	ng	84
4) n-Nitrosodimethylamine	3.64	42	85573	37.332	ng	79
6) Aniline	6.63	93	266350	25.604	ng	# 85
8) 2-Chlorophenol	6.75	128	352725	45.526	ng	96
9) Benzaldehyde	6.52	77	98486	18.443	ng	94
10) Phenol	6.60	94	396607	41.193	ng	97
11) bis(2-Chloroethyl)ether	6.69	93	356717	42.995	ng	92
12) 1,3-Dichlorobenzene	6.90	146	341138	39.170	ng	98
13) 1,4-Dichlorobenzene	6.97	146	386203	41.385	ng	99
14) 1,2-Dichlorobenzene	7.13	146	351893	41.953	ng	99
15) Benzyl Alcohol	7.10	79	247907	43.879	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	375859	41.583	ng	61
17) 2-Methylphenol	7.21	107	272305	43.183	ng	# 93
18) Hexachloroethane	7.46	117	131474	42.079	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	219380	42.541	ng	93
20) 3+4-Methylphenols	7.36	107	340733	42.338	ng	# 72
22) Acetophenone	7.37	105	478941	41.382	ng	# 98
24) Nitrobenzene	7.55	77	328628	39.931	ng	98
25) Isophorone	7.77	82	630421	43.733	ng	99
26) 2-Nitrophenol	7.86	139	191082	44.479	ng	93
27) 2,4-Dimethylphenol	7.89	122	305022	49.231	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	410589	45.446	ng	98
29) 2,4-Dichlorophenol	8.10	162	295209	45.618	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	305158	41.560	ng	98
31) Naphthalene	8.26	128	1028364	44.005	ng	100
32) Benzoic acid	8.03	122	136076	29.981	ng	92
33) 4-Chloroaniline	8.32	127	163391	16.584	ng	96
34) Hexachlorobutadiene	8.36	225	161560	40.434	ng	99
35) Caprolactam	8.69	113	39942	19.465	ng	# 73
36) 4-Chloro-3-methylphenol	8.80	107	314271	45.913	ng	99
37) 2-Methylnaphthalene	8.95	142	655312	42.571	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	298122	41.411	ng	99
40) Hexachlorocyclopentadiene	9.10	237	278590	82.063	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	189686	41.610	ng	98
43) 2,4,5-Trichlorophenol	9.28	196	221821	40.300	ng	97
45) 1,1'-Biphenyl	9.42	154	811897	40.294	ng	98
46) 2-Chloronaphthalene	9.45	162	640479	40.297	ng	99
47) 2-Nitroaniline	9.55	65	186345	41.116	ng	93
48) Acenaphthylene	9.86	152	939383	39.013	ng	100
49) Dimethylphthalate	9.72	163	741067	39.981	ng	100
50) 2,6-Dinitrotoluene	9.79	165	168620	42.284	ng	93
51) Acenaphthene	10.03	154	531119	38.129	ng	99
52) 3-Nitroaniline	9.97	138	107385	23.426	ng	97
53) 2,4-Dinitrophenol	10.07	184	129864	74.972	ng	# 26
54) Dibenzofuran	10.21	168	836186	41.108	ng	98
55) 4-Nitrophenol	10.14	139	221826	80.705	ng	92
56) 2,4-Dinitrotoluene	10.20	165	214082	42.072	ng	# 96
57) Fluorene	10.55	166	673380	40.132	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	187325	45.425	ng	# 87
59) Diethylphthalate	10.42	149	718094	40.440	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	324122	42.058	ng	94
61) 4-Nitroaniline	10.59	138	171456	39.973	ng	95
62) Azobenzene	10.70	77	668592	41.640	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	101857	38.535	ng	# 77
65) n-Nitrosodiphenylamine	10.66	169	602663	40.753	ng	100
66) 4-Bromophenyl-phenylether	11.03	248	191611	41.016	ng	95
67) Hexachlorobenzene	11.10	284	213570	39.743	ng	# 91
68) Atrazine	11.19	200	188116	41.522	ng	98
69) Pentachlorophenol	11.30	266	227827	77.044	ng	96
70) Phenanthrene	11.52	178	938672	39.705	ng	99
71) Anthracene	11.57	178	1076641	43.599	ng	100
72) Carbazole	11.73	167	971299	41.211	ng	99
73) Di-n-butylphthalate	12.04	149	1126159	40.114	ng	99
74) Fluoranthene	12.72	202	1009894	40.188	ng	96
76) Benzidine	12.84	184	386756	38.023	ng	97
77) Pyrene	12.94	202	1027938	40.063	ng	100
79) Butylbenzylphthalate	13.54	149	492533	40.745	ng	95
80) Benzo(a)anthracene	14.14	228	893556	40.010	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	200021	27.057	ng	99
82) Chrysene	14.18	228	925874	42.327	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	638379	40.873	ng	100
84) Di-n-octyl phthalate	14.72	149	1111872	41.385	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.27	276	736319	32.483	ng	96
87) Benzo(b)fluoranthene	15.23	252	821375	42.849	ng	99
88) Benzo(k)fluoranthene	15.26	252	843338	46.703	ng	98
89) Benzo(a)pyrene	15.62	252	791920	44.581	ng	99
90) Dibenzo(a,h)anthracene	17.29	278	614432	37.411	ng	97
91) Benzo(g,h,i)perylene	17.75	276	598422	36.377	ng	95

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

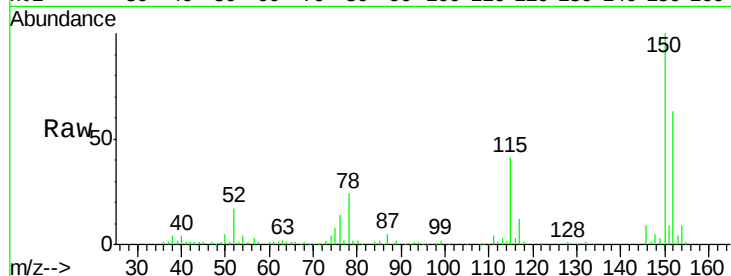


#1

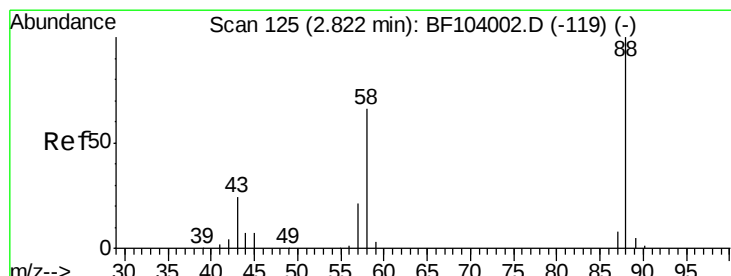
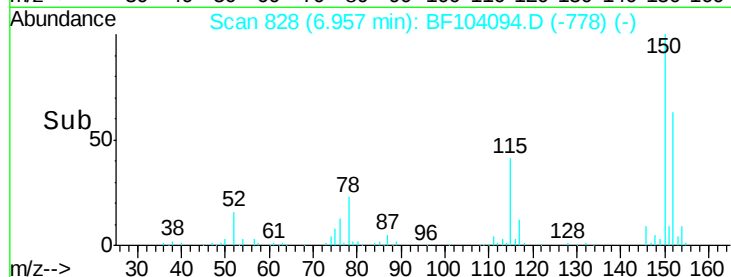
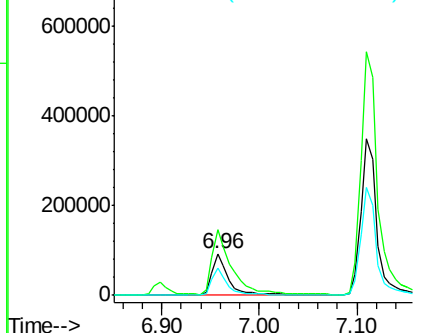
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112637
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 64.6 50.1 75.1



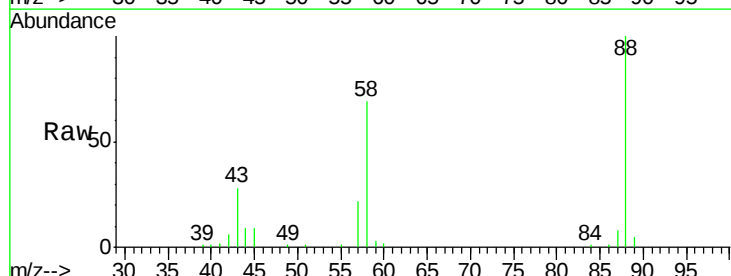
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



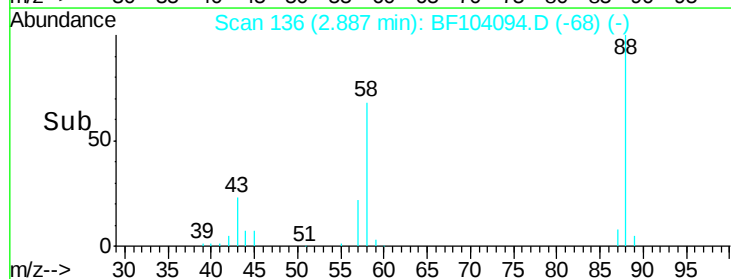
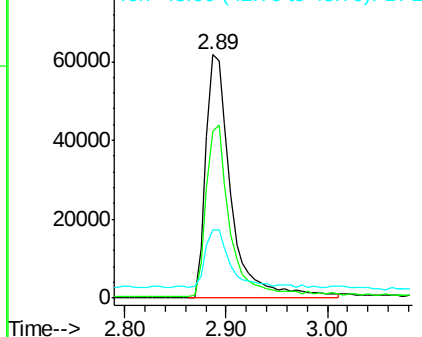
#2

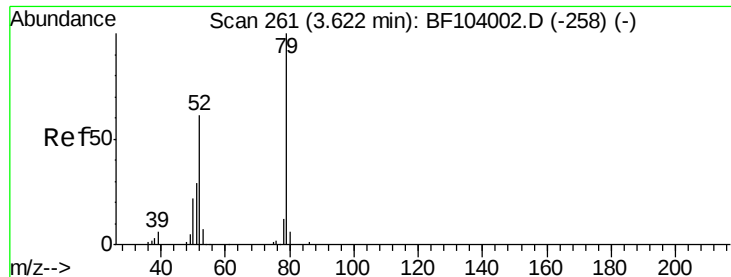
1,4-Dioxane
Concen: 35.428 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.10 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion: 88 Resp: 107922
Ion Ratio Lower Upper
88 100
58 67.4 62.6 93.8
43 23.2 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: 32.646 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.08 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

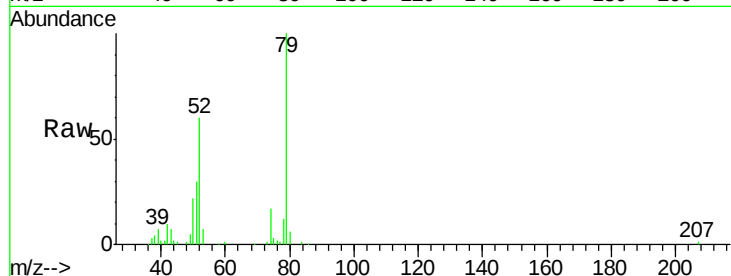
Tot Ion: 79 Resp: 251754

Ion Ratio Lower Upper

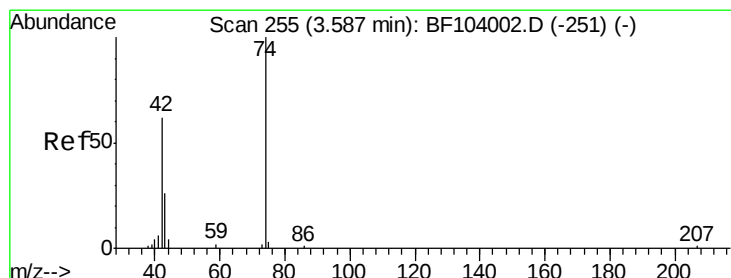
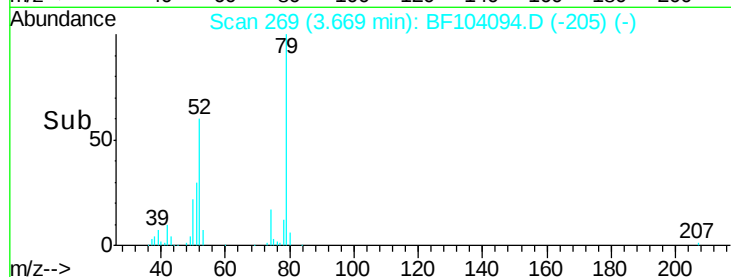
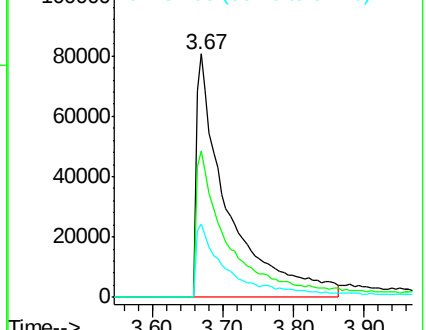
79 100

52 60.0 59.8 89.6

51 30.1 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: 37.332 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.07 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

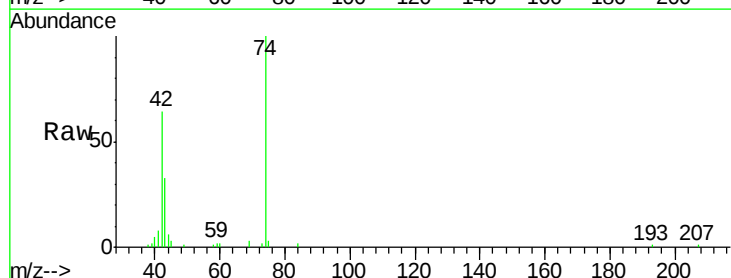
Tgt Ion: 42 Resp: 85573

Ion Ratio Lower Upper

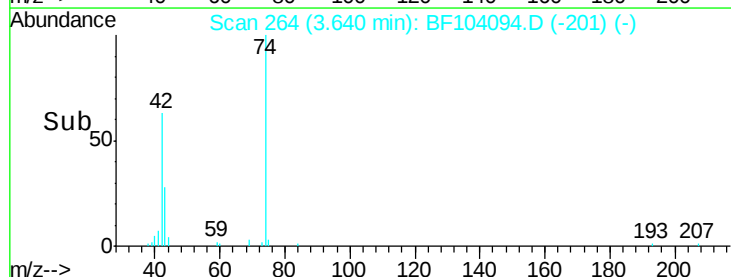
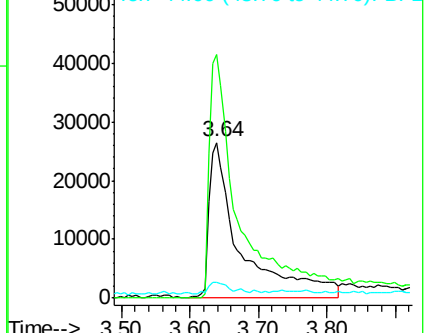
42 100

74 156.6 104.9 157.3

44 9.9 6.9 10.3



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





#5

2-Fluorophenol

Concen: 82.521 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

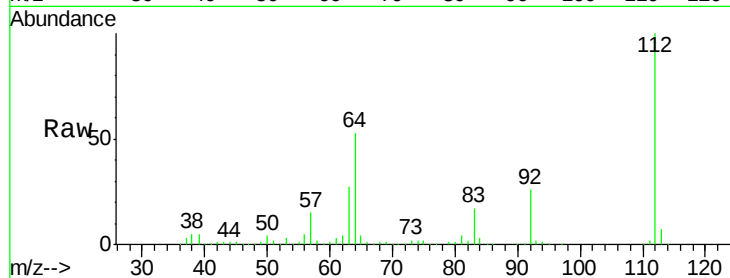
Tot Ion: 112 Resp: 582848

Ion Ratio Lower Upper

112 100

64 53.3 47.9 71.9

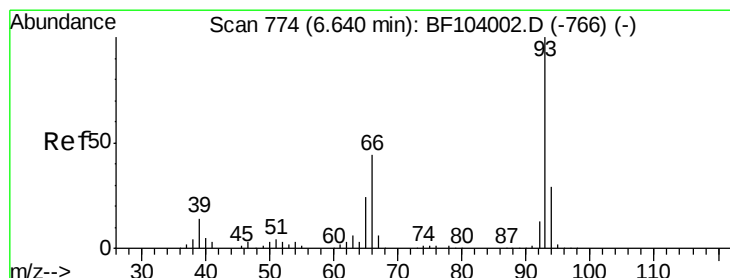
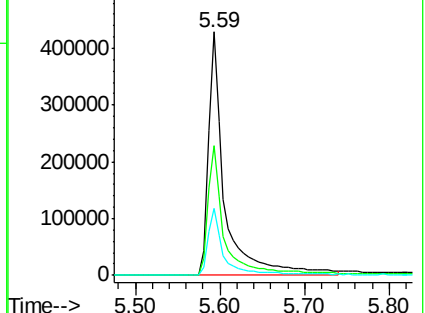
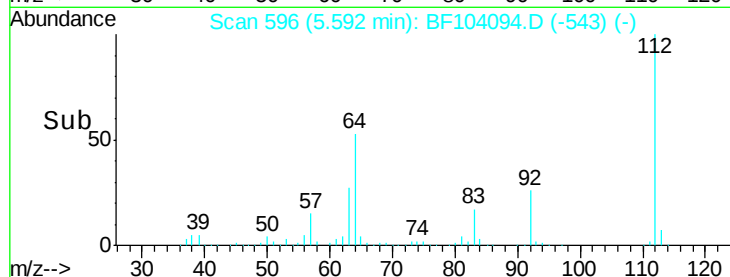
63 27.3 23.7 35.5



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: 25.604 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

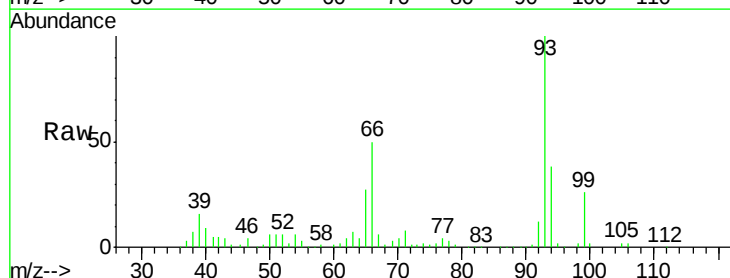
Tgt Ion: 93 Resp: 266350

Ion Ratio Lower Upper

93 100

66 50.3 32.2 48.2#

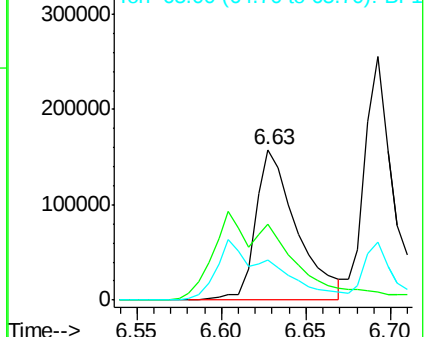
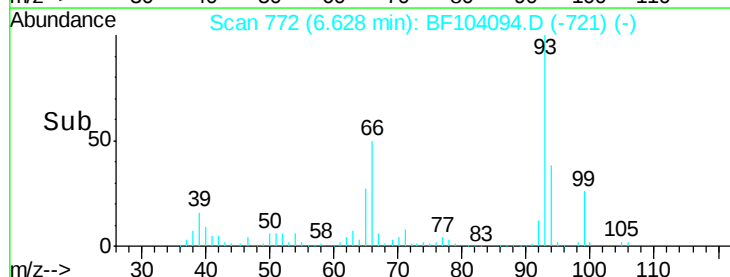
65 26.8 16.4 24.6#

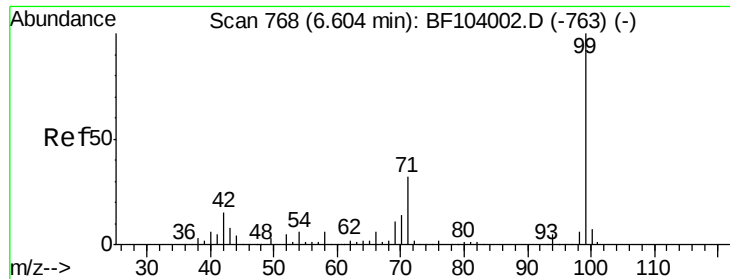


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.272 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

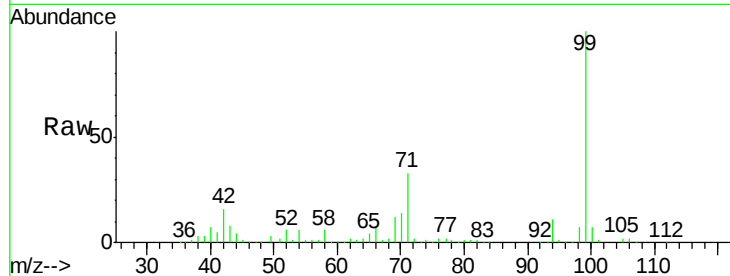
Tot Ion: 99 Resp: 749674

Ion Ratio Lower Upper

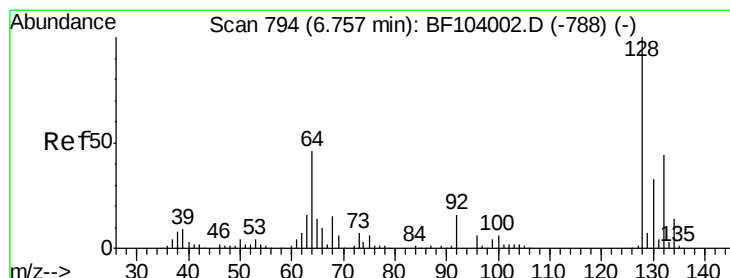
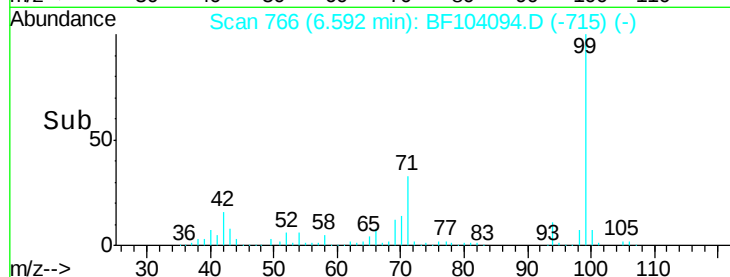
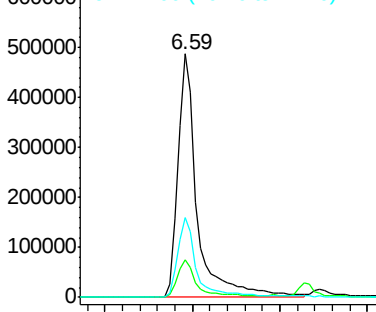
99 100

42 15.7 14.5 21.7

71 32.8 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: 45.526 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

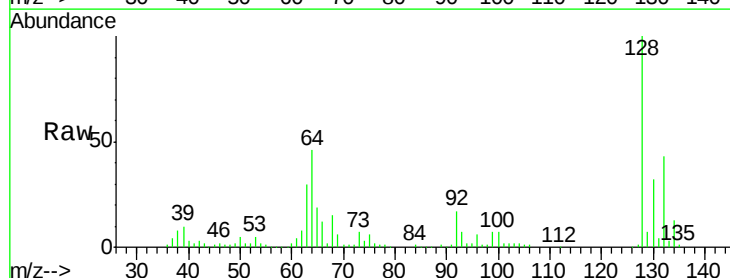
Tgt Ion: 128 Resp: 352725

Ion Ratio Lower Upper

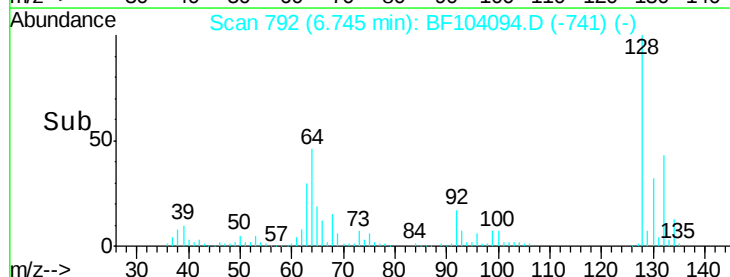
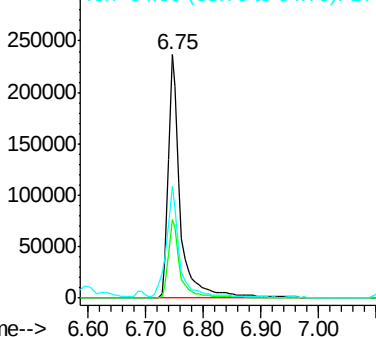
128 100

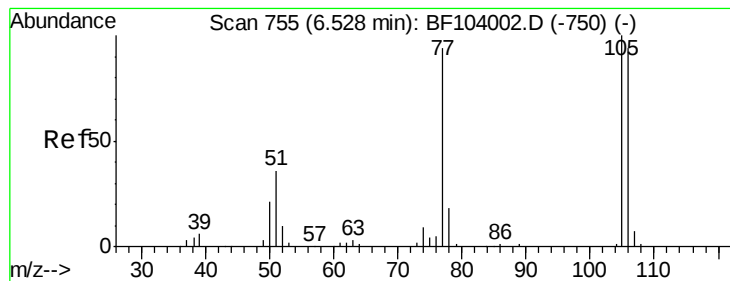
130 32.0 13.0 53.0

64 45.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 18.443 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

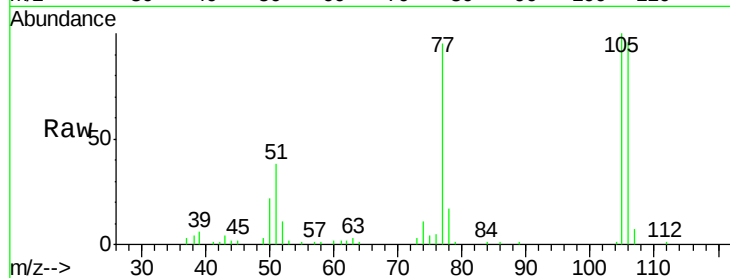
Tot Ion: 77 Resp: 98486

Ion Ratio Lower Upper

77 100

105 105.6 81.1 121.1

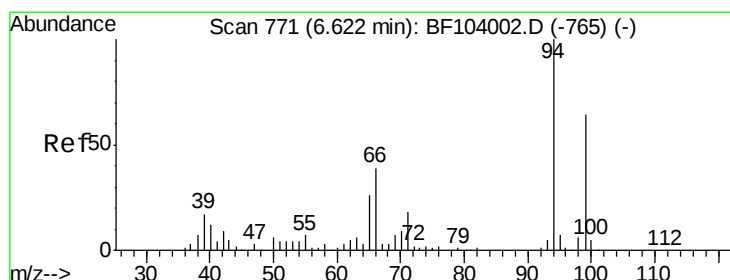
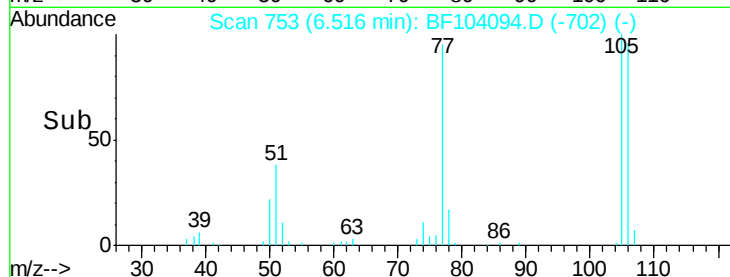
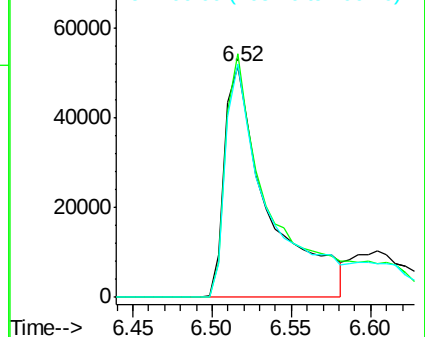
106 101.0 74.5 114.5



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: 41.193 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

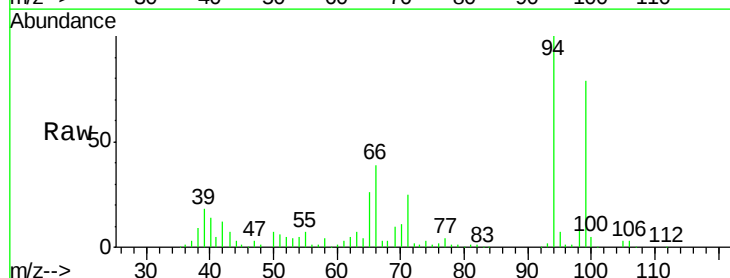
Tgt Ion: 94 Resp: 396607

Ion Ratio Lower Upper

94 100

65 26.5 7.9 47.9

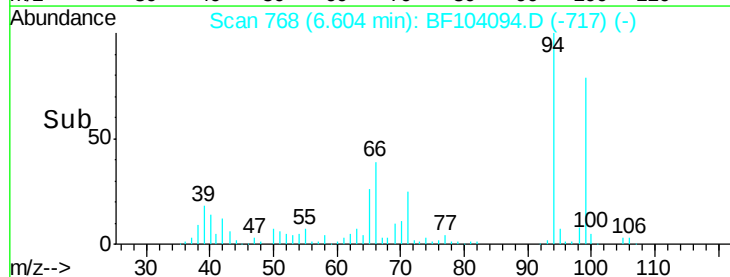
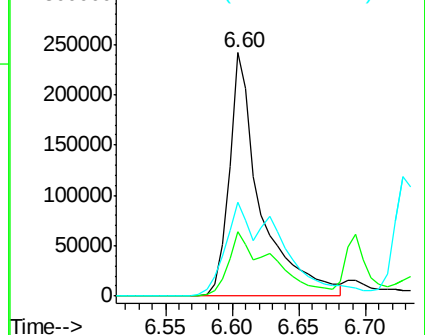
66 38.5 16.2 56.2



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: 42.995 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

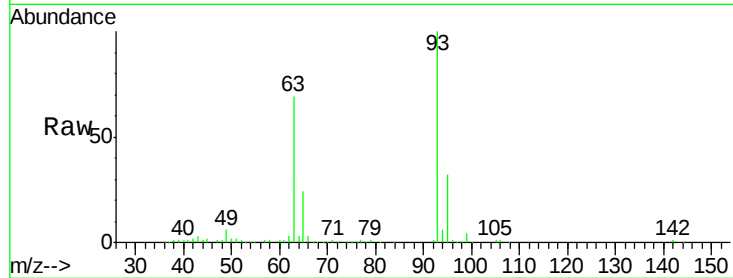
Tot Ion: 93 Resp: 356717

Ion Ratio Lower Upper

93 100

63 69.3 58.6 98.6

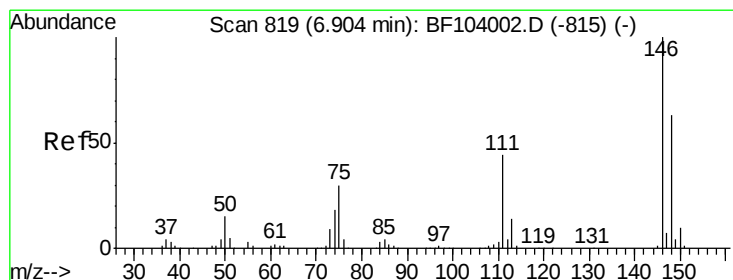
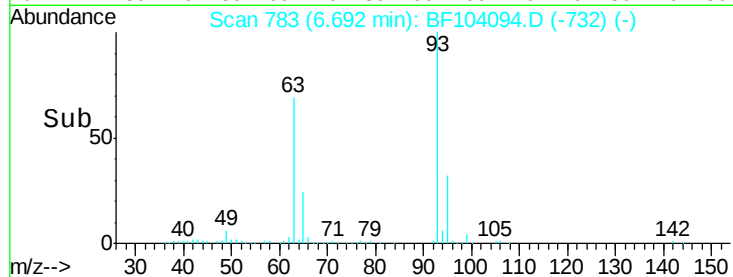
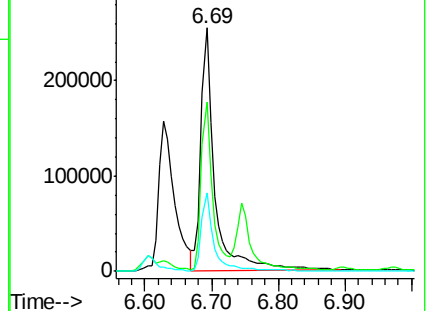
95 32.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.170 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

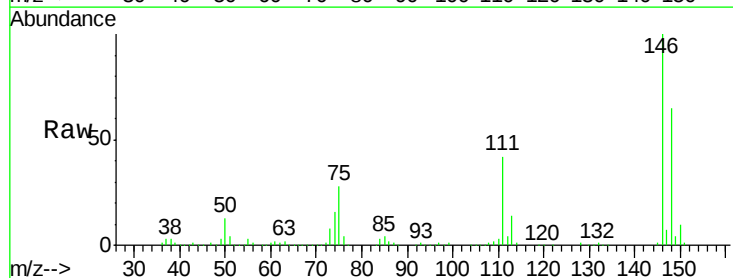
Tgt Ion: 146 Resp: 341138

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.8

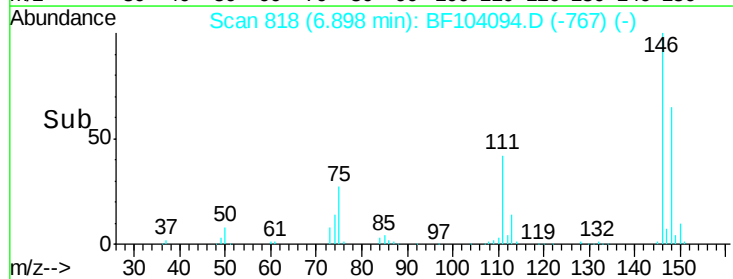
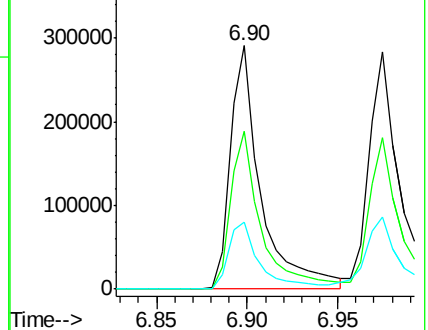
75 27.7 24.2 36.4

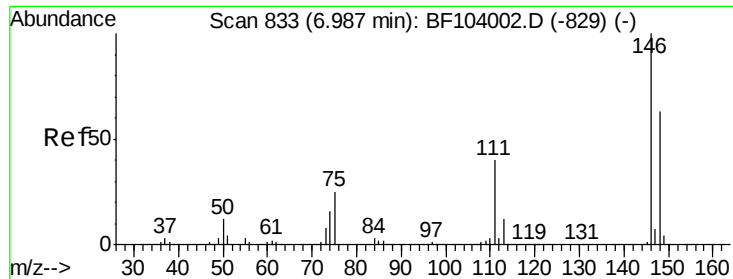


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

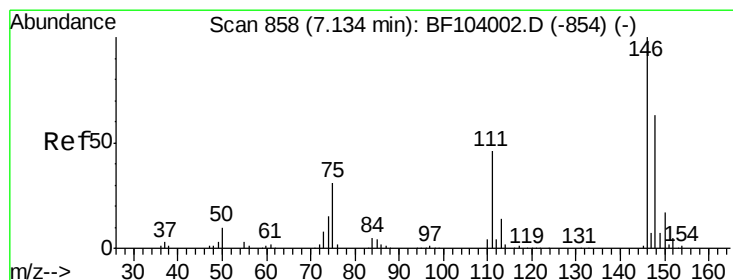
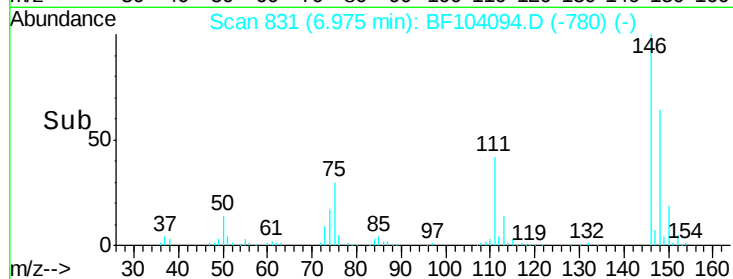
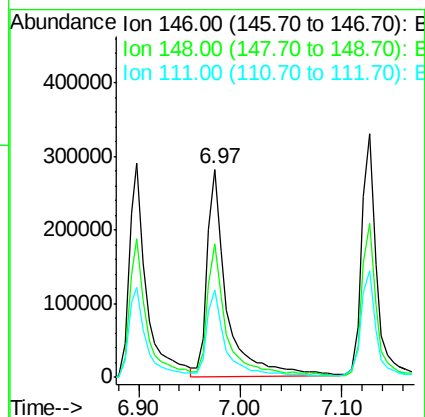
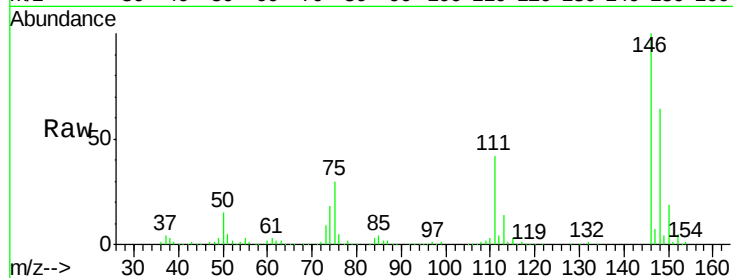




#13
 1,4-Dichlorobenzene
 Concen: 41.385 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

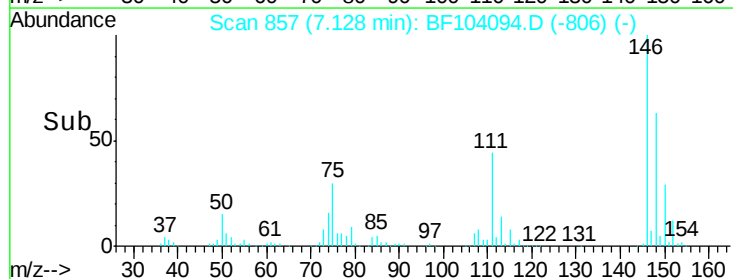
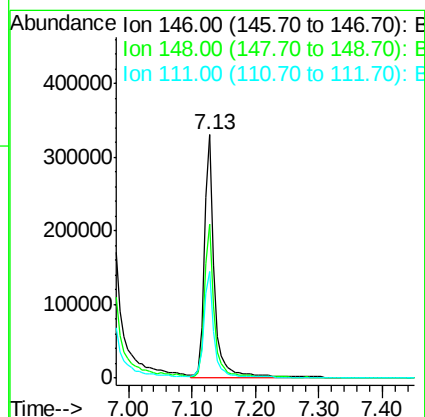
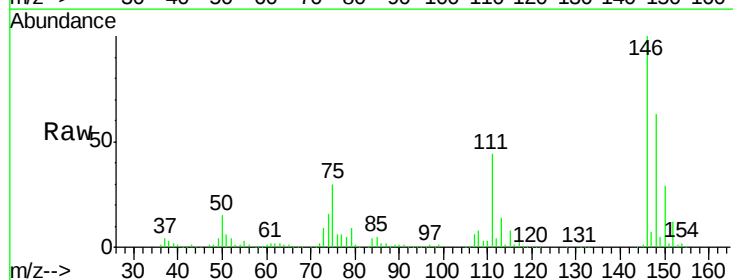
Instrument :
 BNA_F
 ClientSampleId :

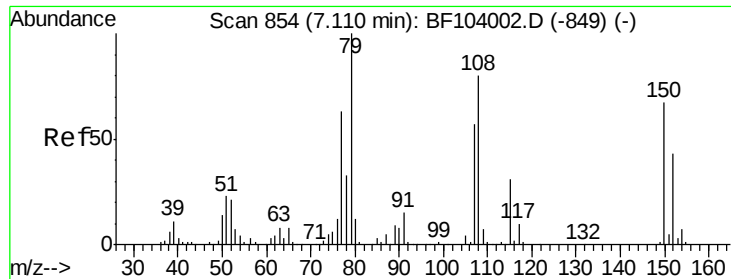
Tot Ion:146 Resp: 386203
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 42.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.953 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Tgt Ion:146 Resp: 351893
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 43.7 36.0 54.0

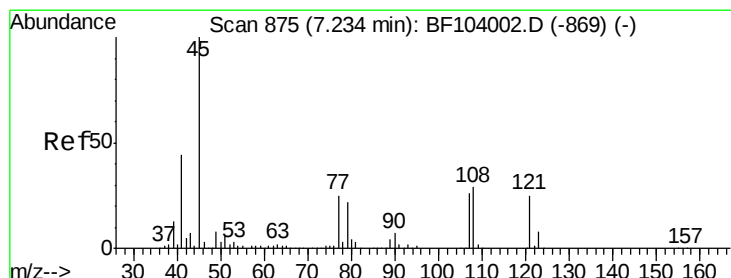
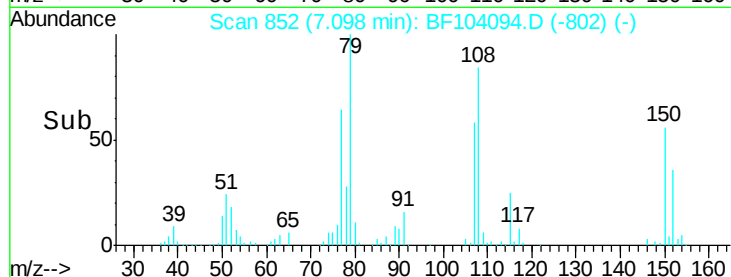
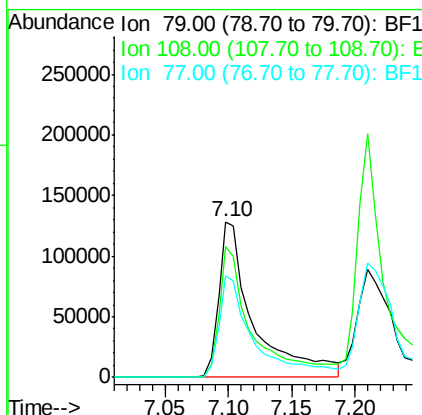
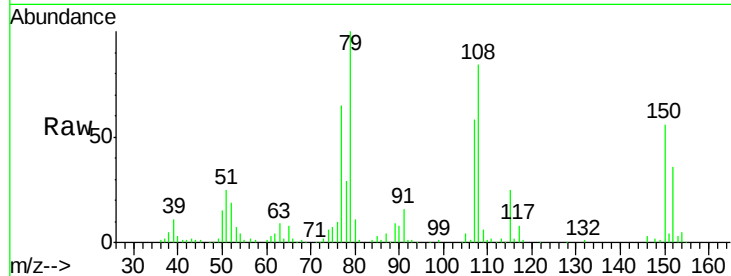




#15
Benzyl Alcohol
Concen: 43.879 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

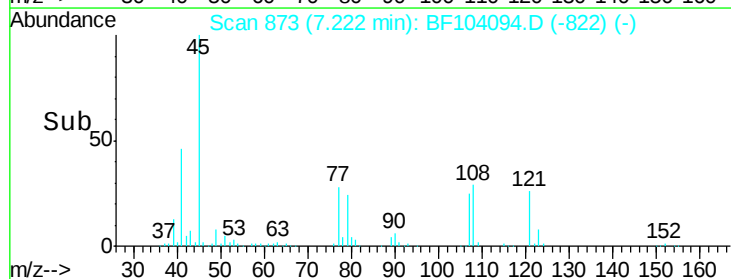
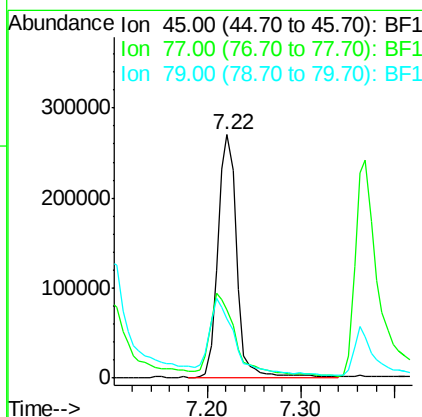
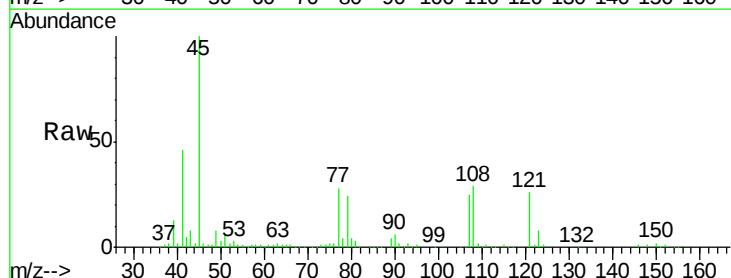
Instrument :
BNA_F
ClientSampleId :

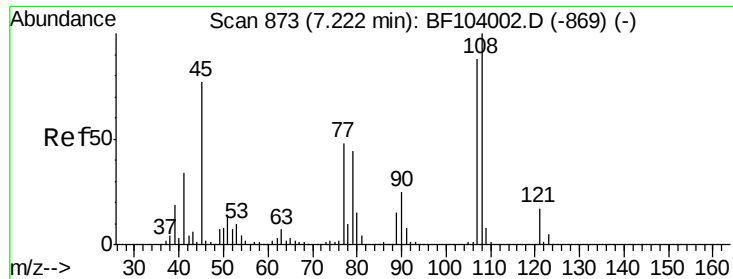
Tot Ion: 79 Resp: 247907
Ion Ratio Lower Upper
79 100
108 83.7 65.1 97.7
77 64.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.583 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion: 45 Resp: 375859
Ion Ratio Lower Upper
45 100
77 27.8 0.0 32.9
79 24.3 0.0 29.6





#17

2-Methylphenol

Concen: 43.183 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 272305

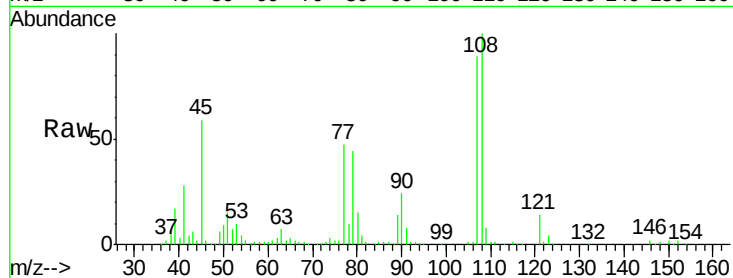
Ion Ratio Lower Upper

107 100

108 112.6 91.7 137.5

77 53.1 33.8 50.8#

79 50.1 33.8 50.8

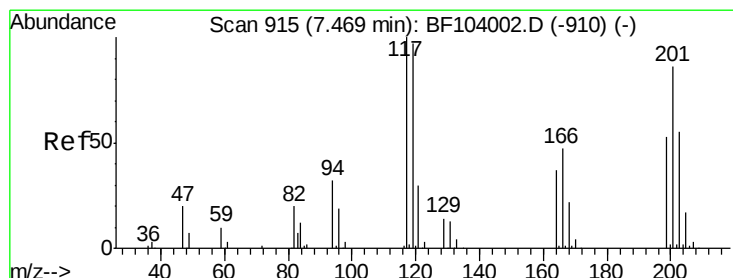
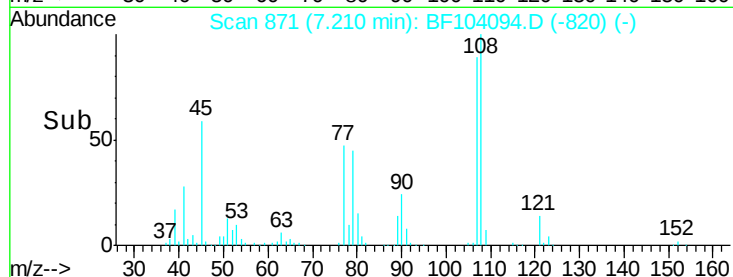
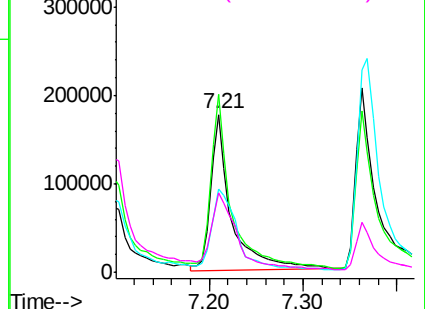


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 42.079 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

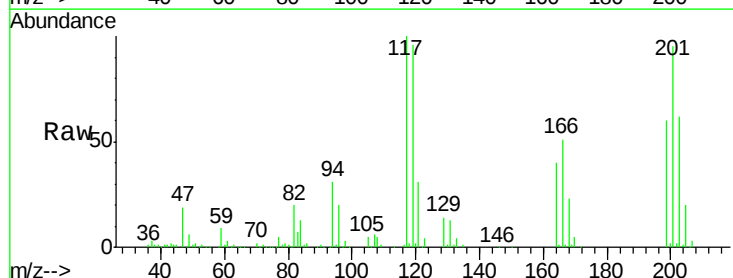
Tgt Ion:117 Resp: 131474

Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.8

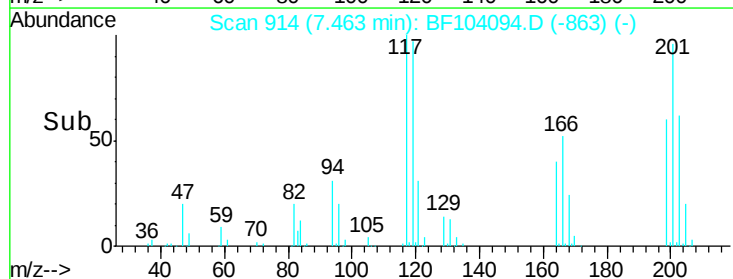
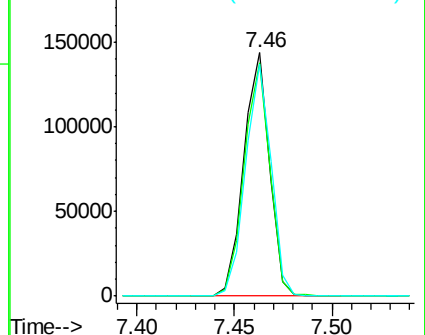
201 95.2 75.7 113.5

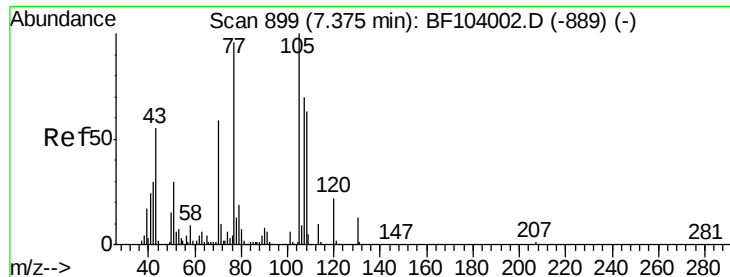


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

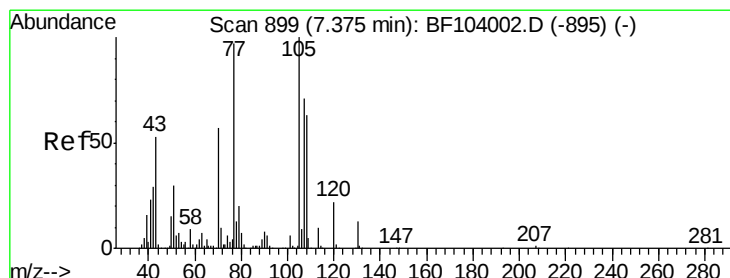
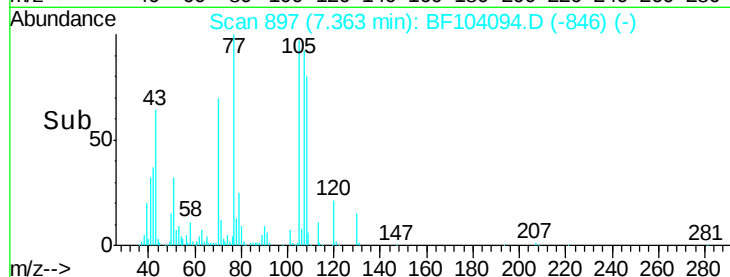
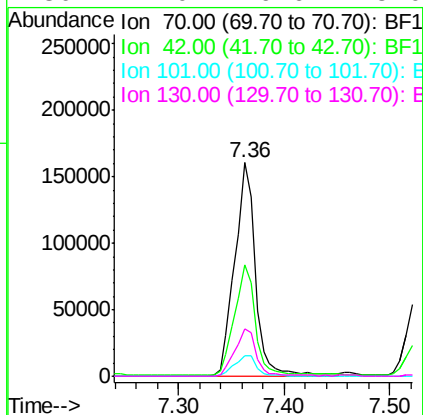
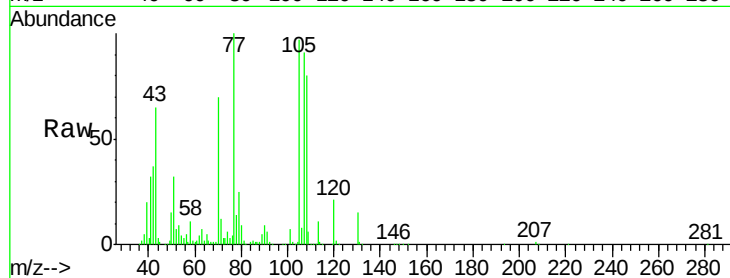




#19
n-Nitroso-di-n-propylamine
Concen: 42.541 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

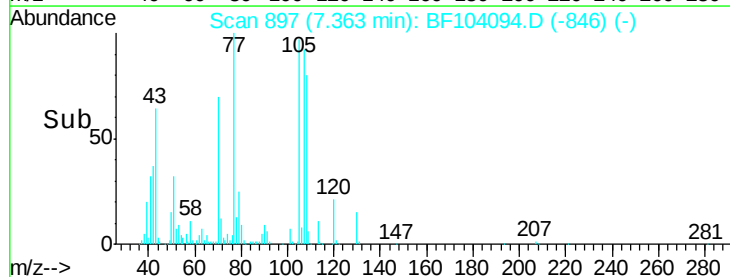
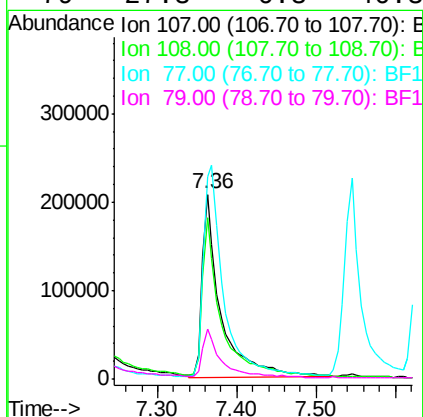
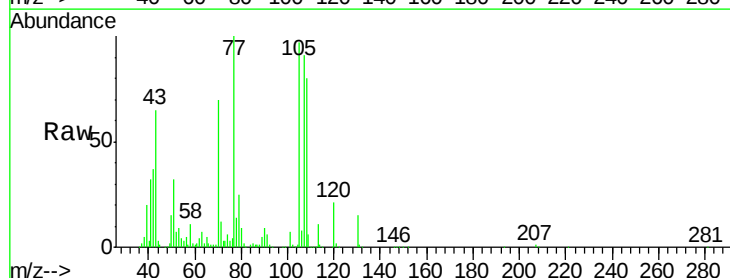
Instrument :
BNA_F
ClientSampled :

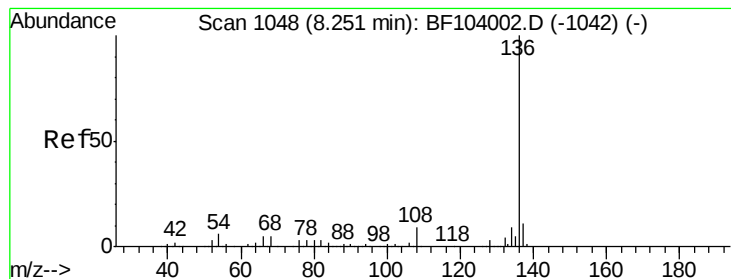
Tot Ion: 70 Resp: 219380
Ion Ratio Lower Upper
70 100
42 52.3 47.5 71.3
101 9.8 7.4 11.2
130 22.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.338 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion: 107 Resp: 340733
Ion Ratio Lower Upper
107 100
108 87.5 68.2 108.2
77 109.3 26.7 66.7#
79 27.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 478355

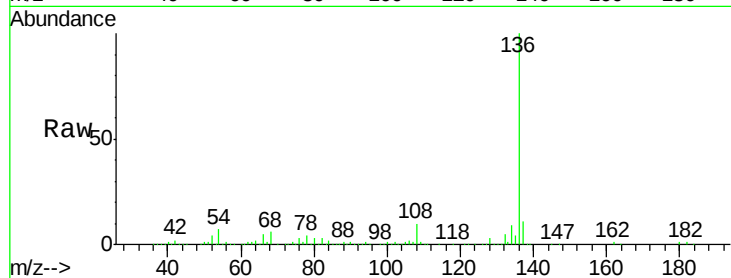
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.6 6.6 9.8

68 5.8 5.0 7.4

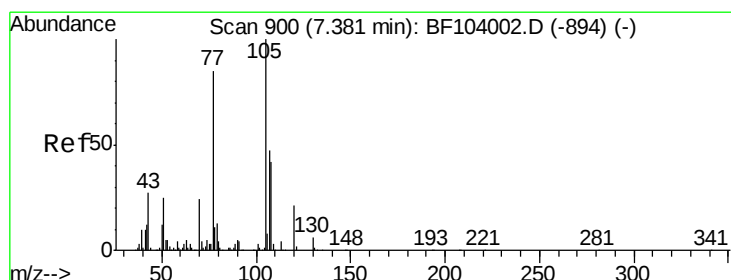
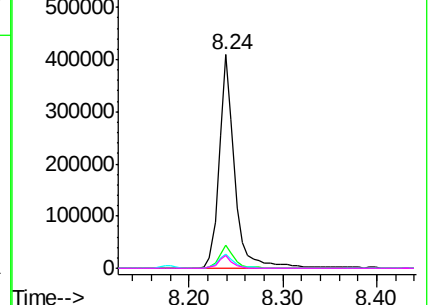
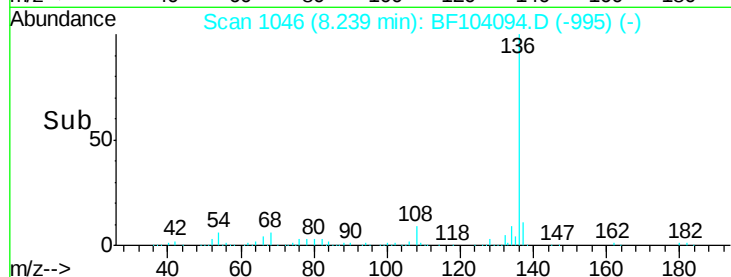


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.382 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Tgt Ion:105 Resp: 478941

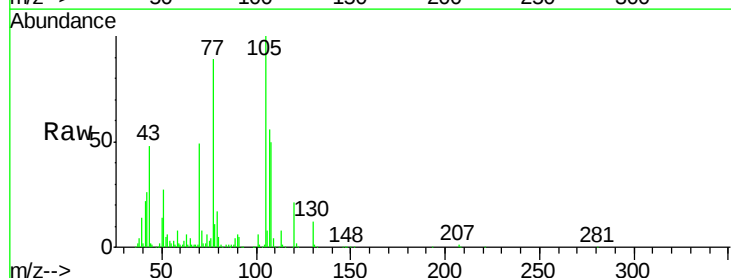
Ion Ratio Lower Upper

105 100

71 8.4 4.4 6.6#

51 27.5 22.3 33.5

120 21.4 16.9 25.3

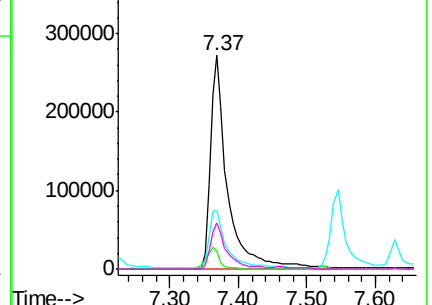
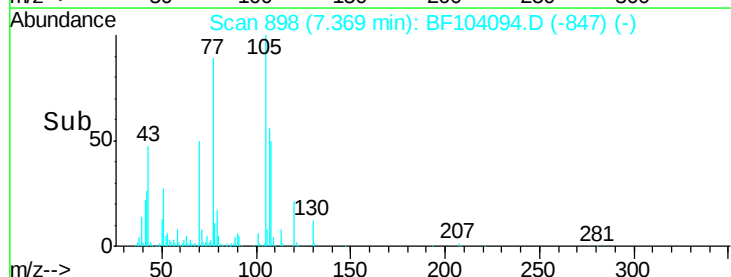


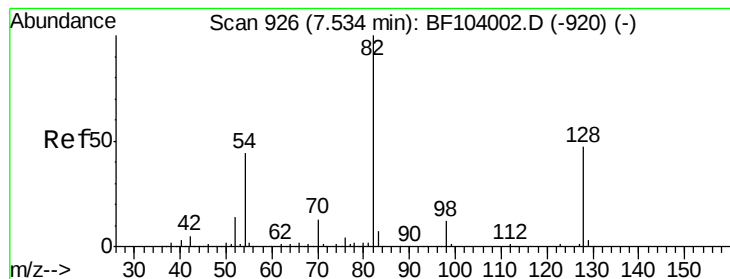
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.356 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

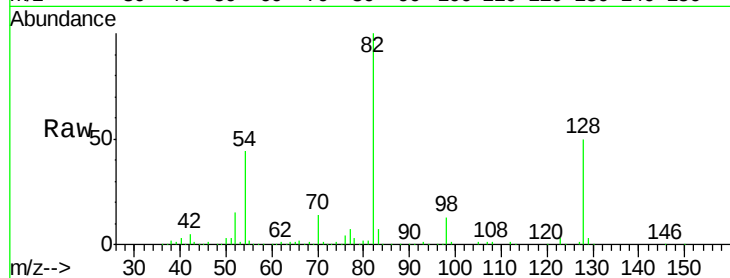
Tot Ion: 82 Resp: 683293

Ion Ratio Lower Upper

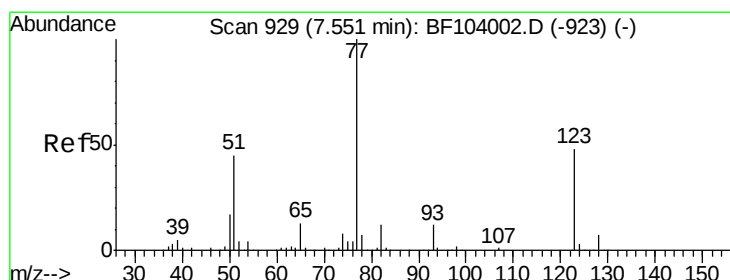
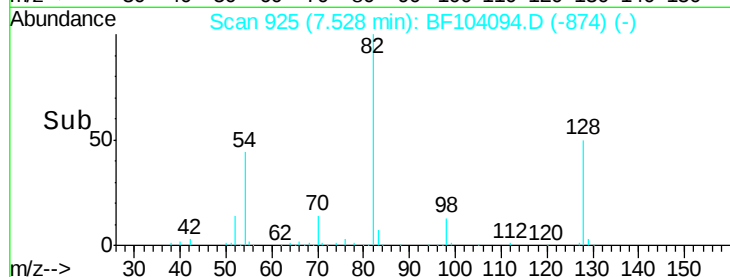
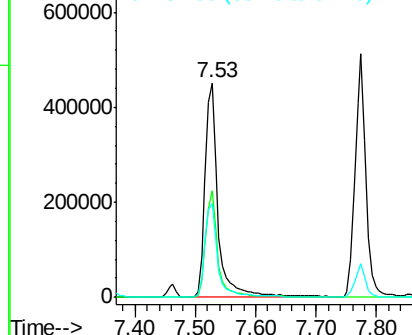
82 100

128 49.7 36.1 54.1

54 44.0 41.4 62.2



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



#24

Nitrobenzene

Concen: 39.931 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

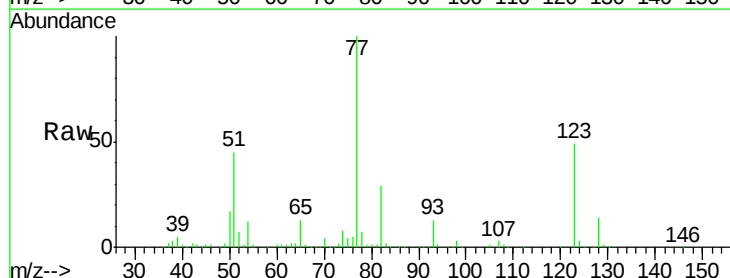
Tgt Ion: 77 Resp: 328628

Ion Ratio Lower Upper

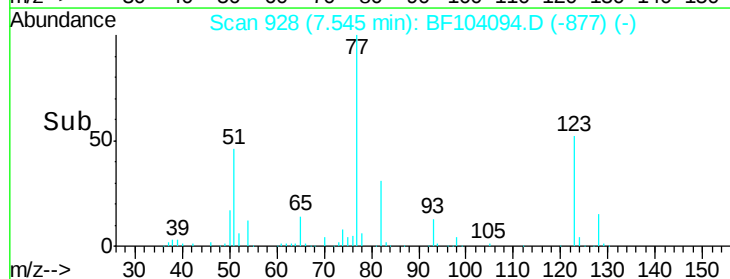
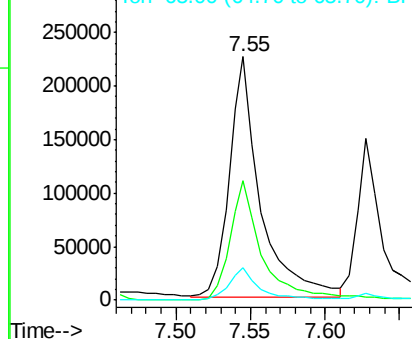
77 100

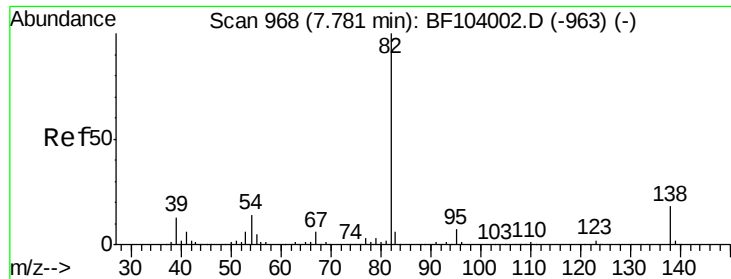
123 49.1 37.9 56.9

65 13.2 11.0 16.4



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





#25

Isophorone

Concen: 43.733 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

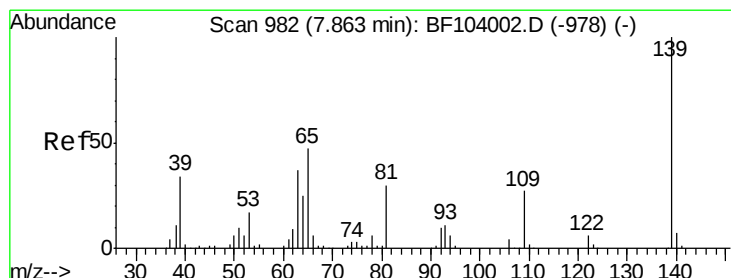
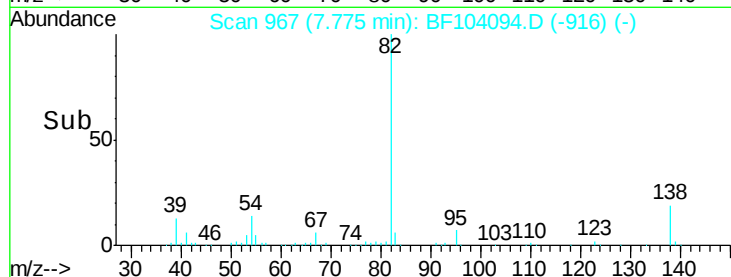
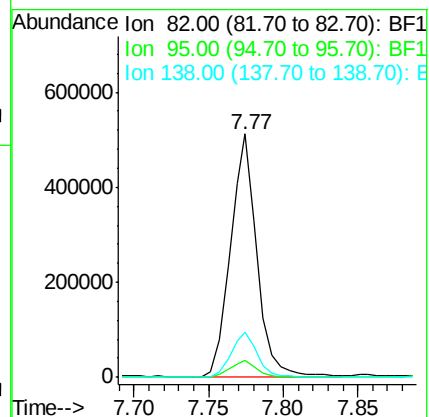
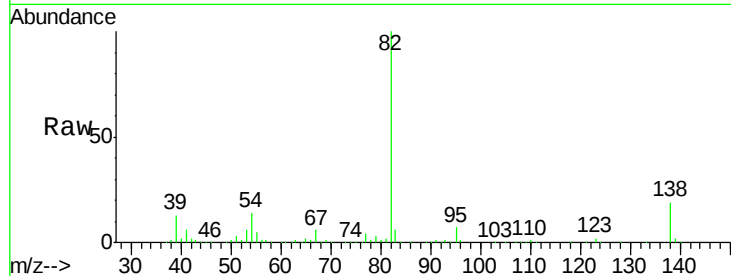
Tot Ion: 82 Resp: 630421

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.7 14.9 22.3



#26

2-Nitrophenol

Concen: 44.479 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

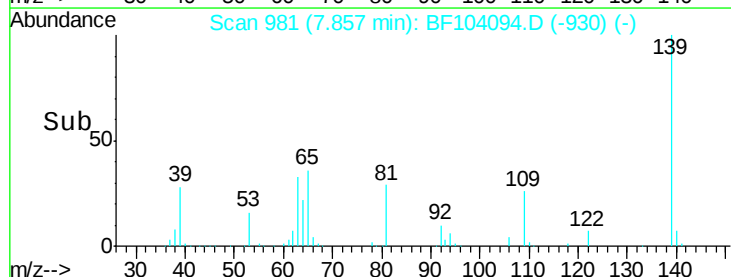
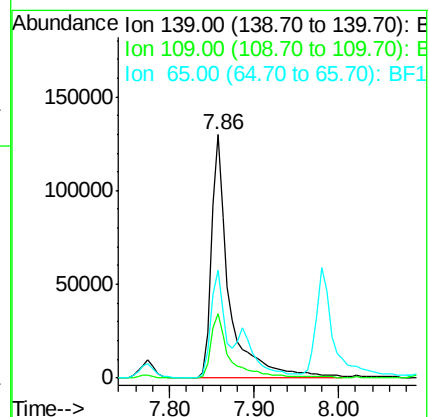
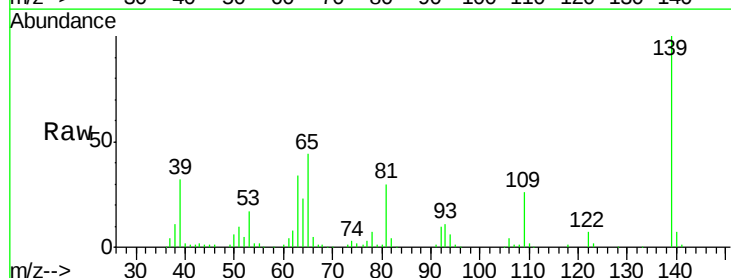
Tgt Ion: 139 Resp: 191082

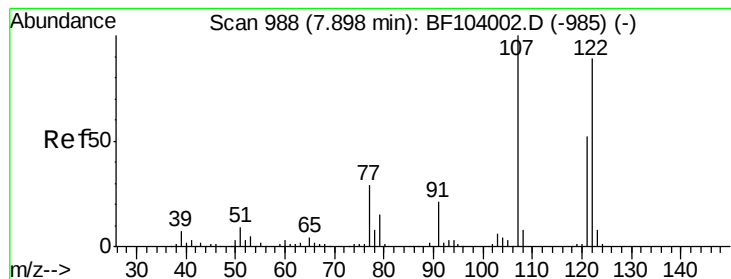
Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

65 44.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 49.231 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

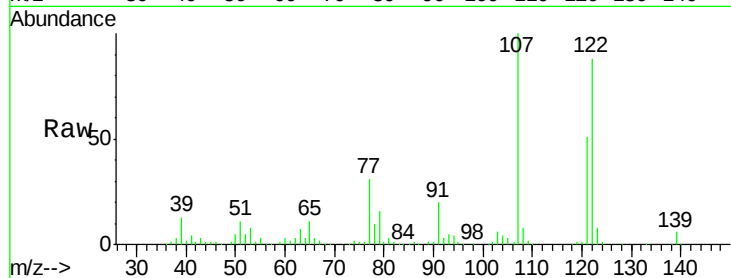
Tot Ion:122 Resp: 305022

Ion Ratio Lower Upper

122 100

107 113.8 91.2 136.8

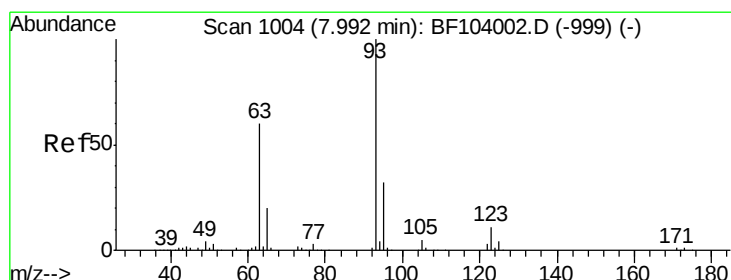
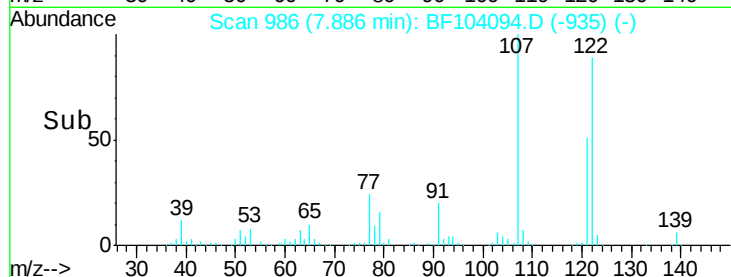
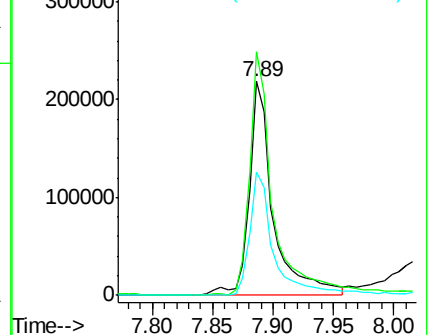
121 57.5 47.2 70.8



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: 45.446 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

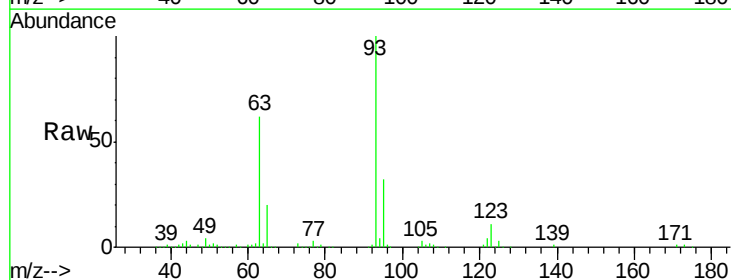
Tgt Ion: 93 Resp: 410589

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

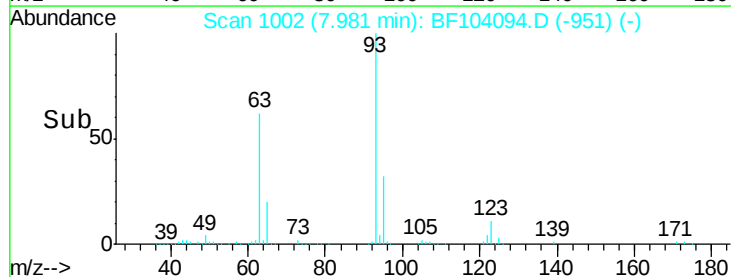
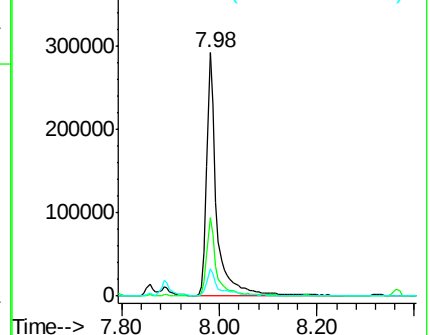
123 11.2 9.8 14.6



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

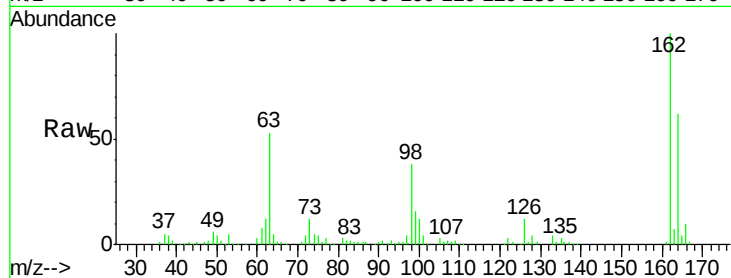




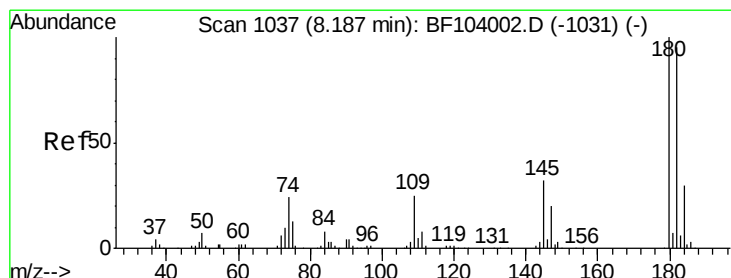
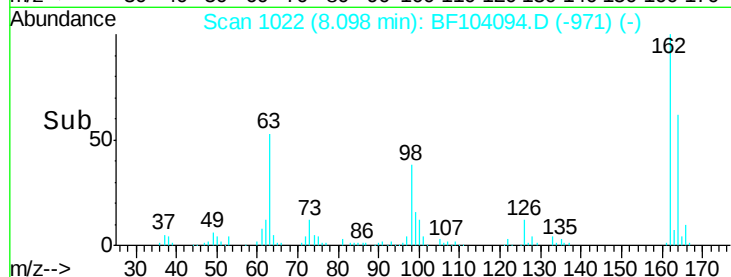
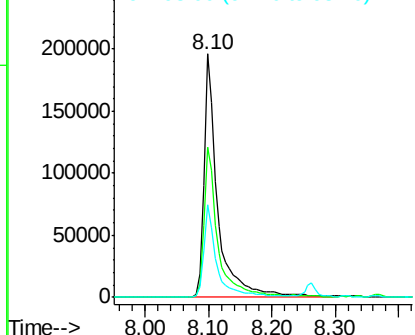
#29
 2,4-Dichlorophenol
 Concen: 45.618 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 295209
 Ion Ratio Lower Upper
 162 100
 164 61.5 42.7 82.7
 98 38.3 18.1 58.1

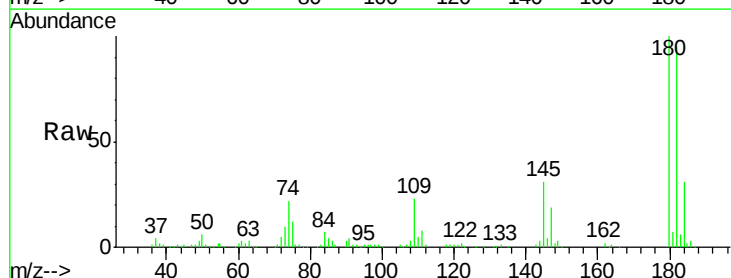


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

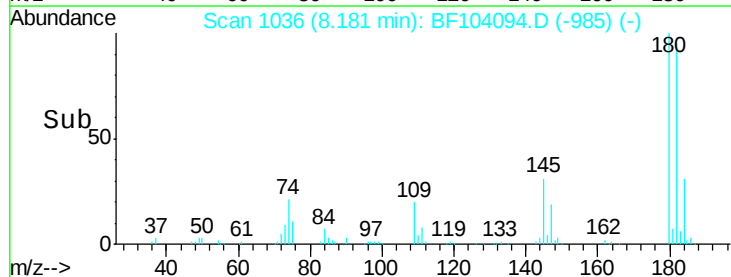
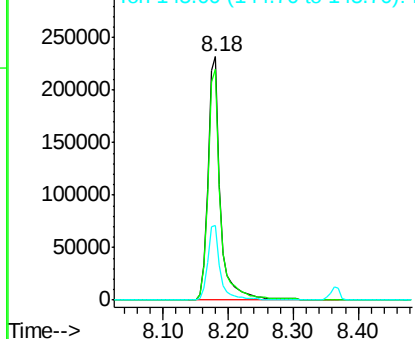


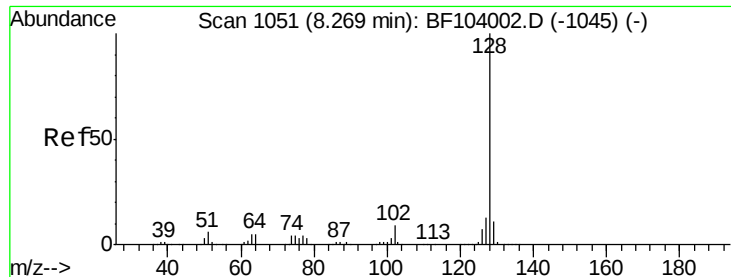
#30
 1,2,4-Trichlorobenzene
 Concen: 41.560 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Tgt Ion:180 Resp: 305158
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.8 115.2
 145 30.7 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

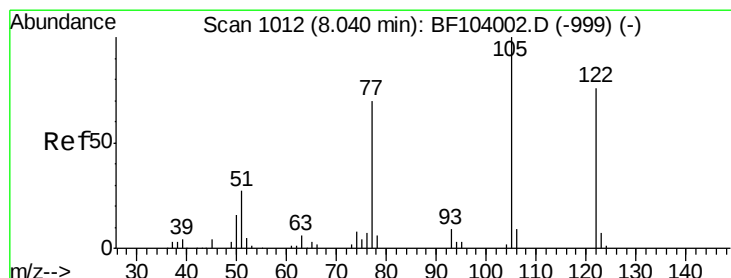
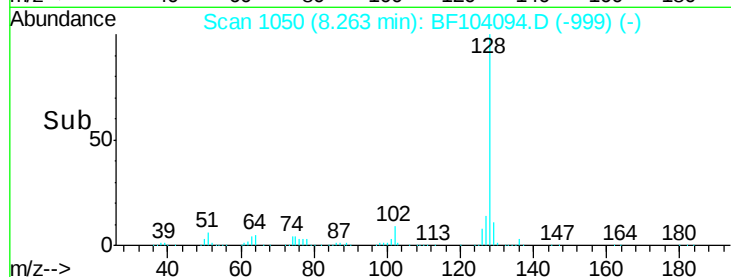
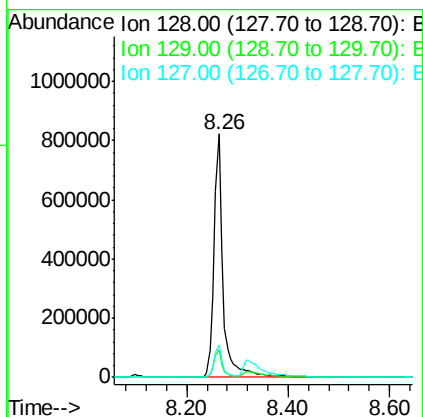
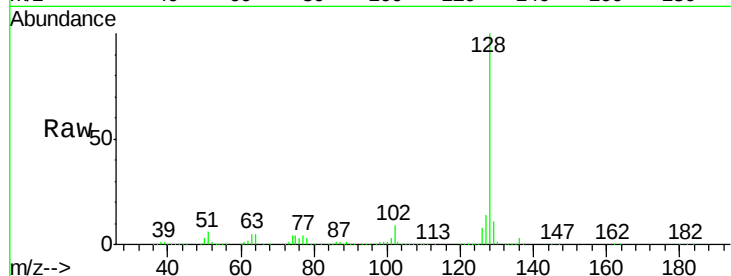




#31
Naphthalene
Concen: 44.005 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

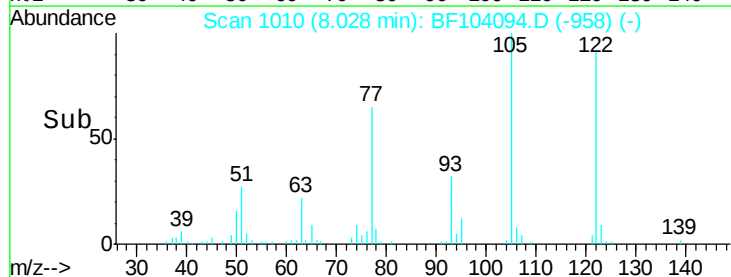
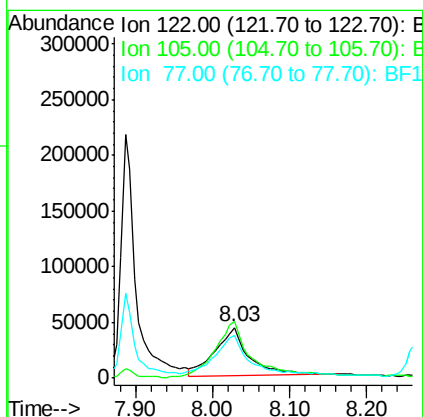
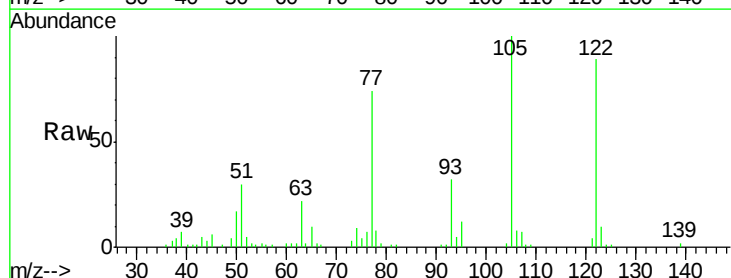
Instrument :
BNA_F
ClientSampleId :

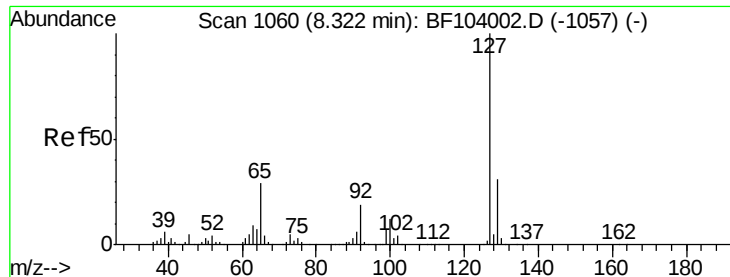
Tot Ion:128 Resp: 1028364
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 29.981 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion:122 Resp: 136076
Ion Ratio Lower Upper
122 100
105 111.9 101.1 141.1
77 83.3 70.7 110.7

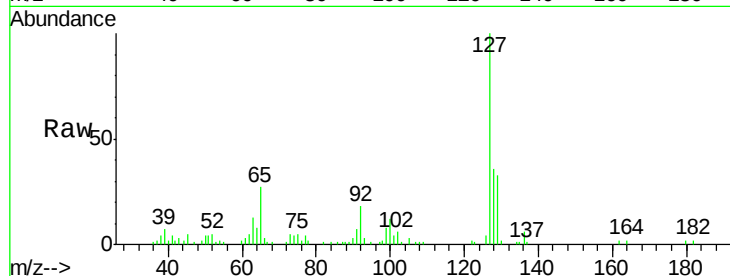




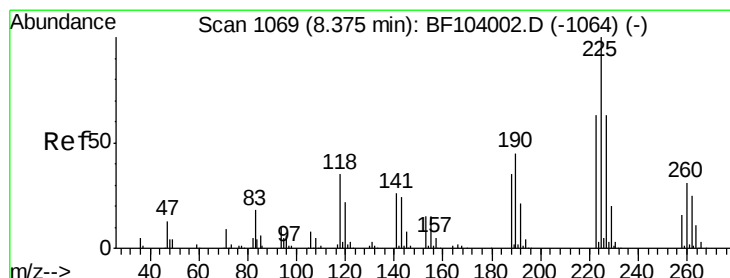
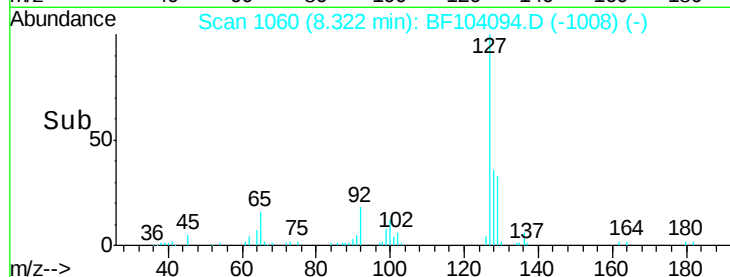
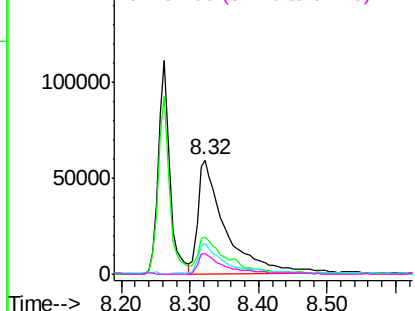
#33
4-Chloroaniline
Concen: 16.584 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	163391
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	26.9	25.0	37.4
92	18.5	15.2	22.8

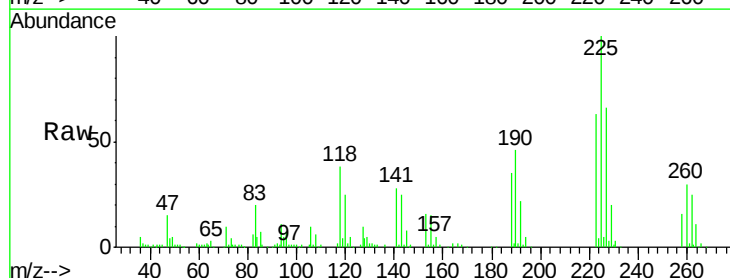


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

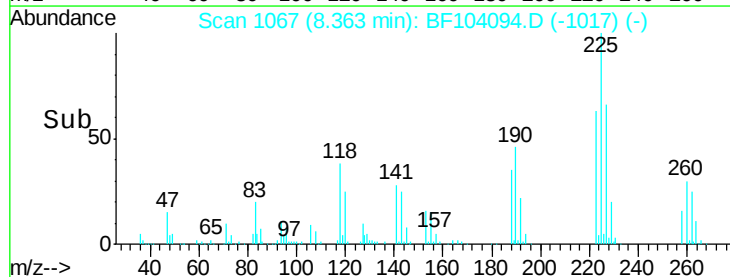
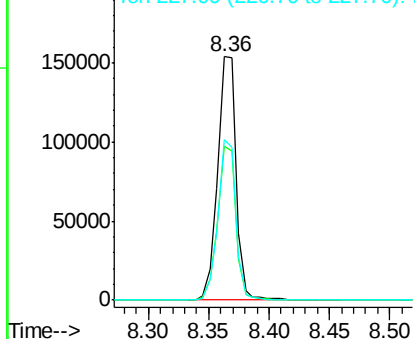


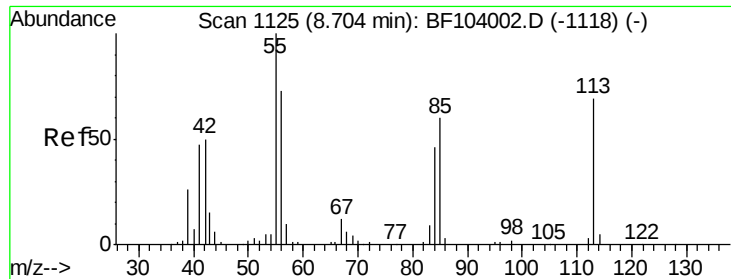
#34
Hexachlorobutadiene
Concen: 40.434 ng
RT: 8.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion:	225	Resp:	161560
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	65.7	51.9	77.9



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

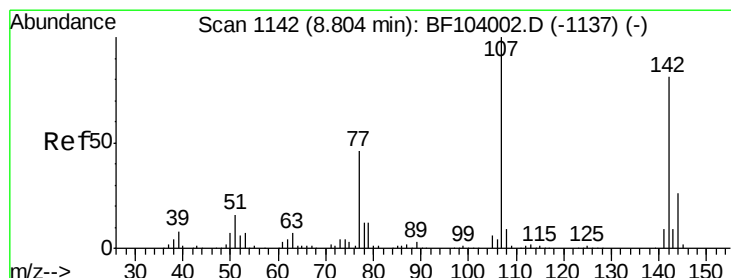
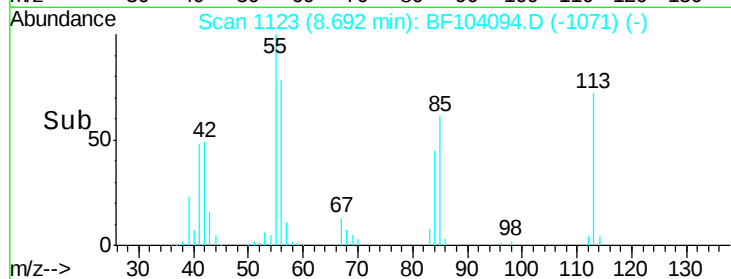
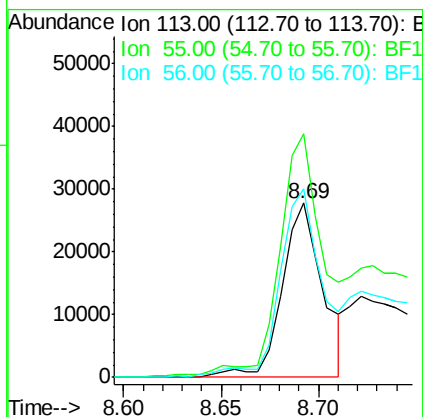
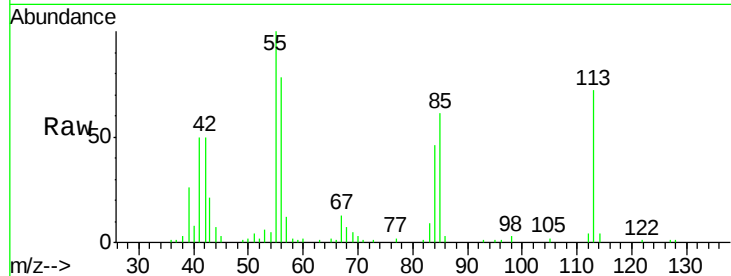




#35
Caprolactam
Concen: 19.465 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

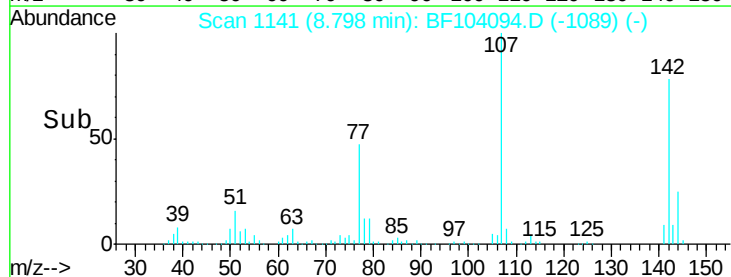
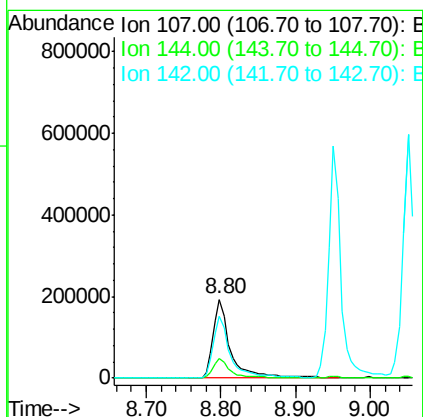
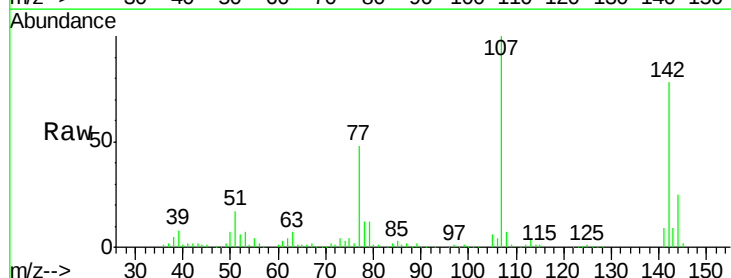
Instrument :
BNA_F
ClientSampleId :

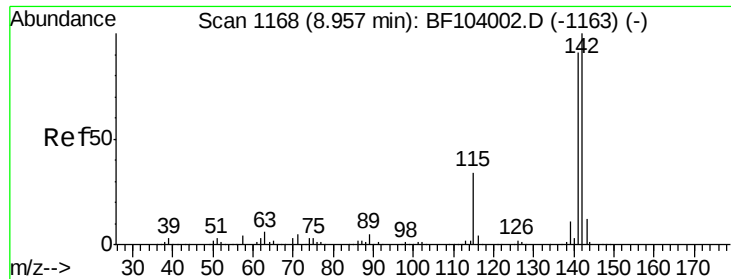
Tot Ion:113 Resp: 39942
Ion Ratio Lower Upper
113 100
55 139.8 163.3 203.3#
56 108.6 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 45.913 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion:107 Resp: 314271
Ion Ratio Lower Upper
107 100
144 24.9 20.5 30.7
142 78.0 62.0 93.0

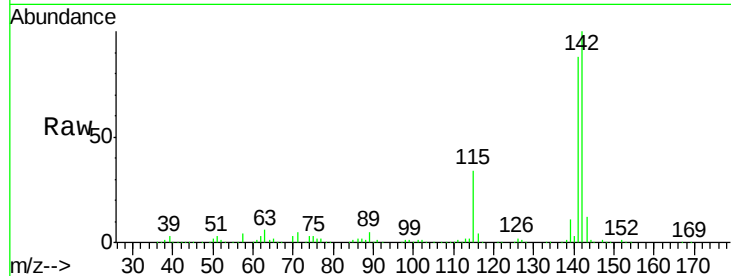




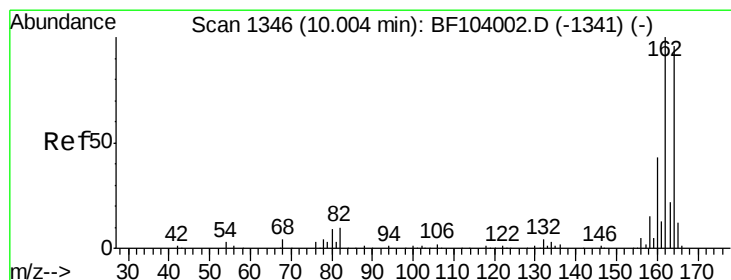
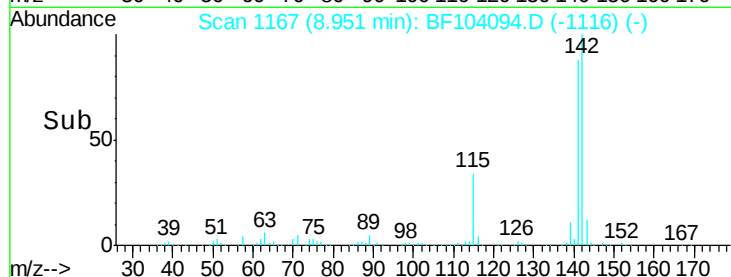
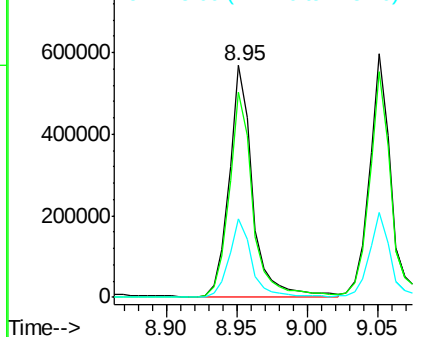
#37
2-Methylnaphthalene
Concen: 42.571 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 655312
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2
115 33.8 26.1 39.1

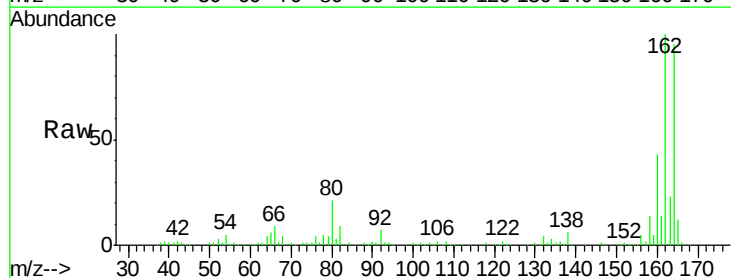


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

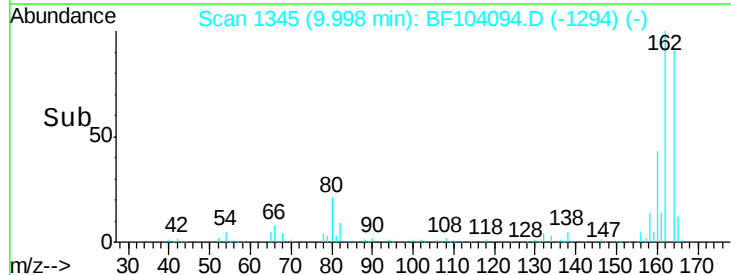
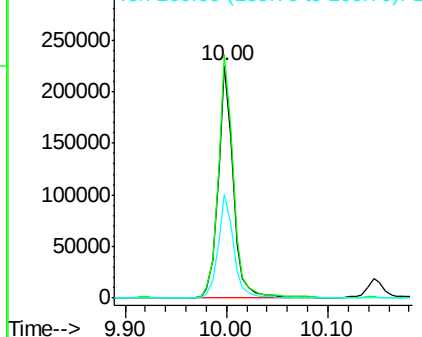


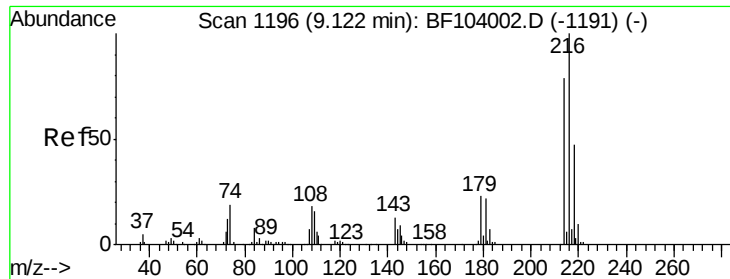
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion:164 Resp: 234766
Ion Ratio Lower Upper
164 100
162 104.7 86.1 129.1
160 44.5 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

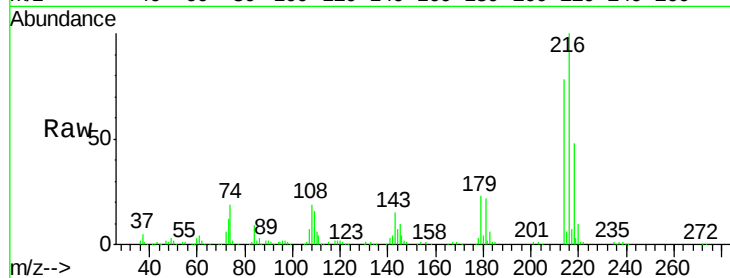




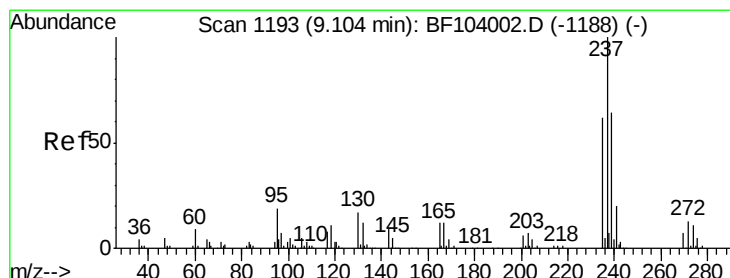
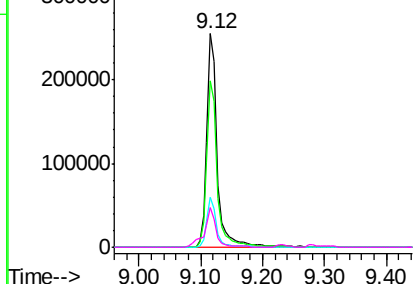
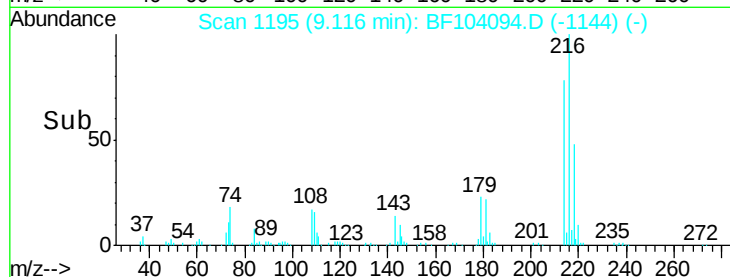
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.411 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	298122
Ion Ratio	Lower	Upper
216	100	
214	79.4	63.0 94.4
179	22.2	18.1 27.1
108	19.8	17.2 25.8

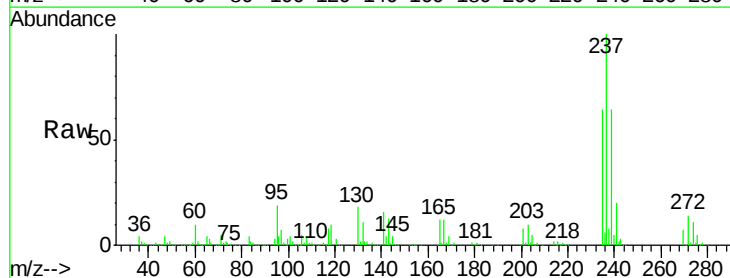


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

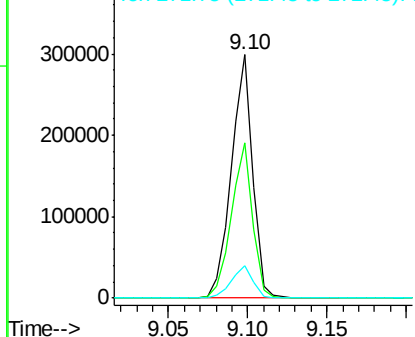
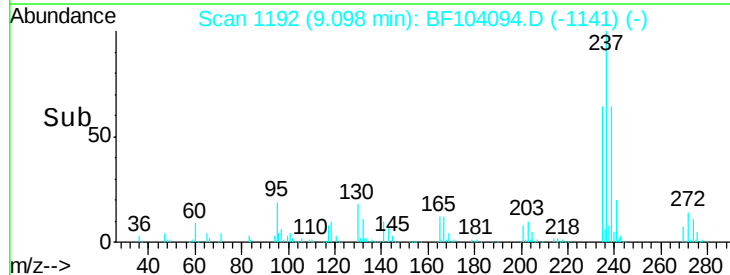


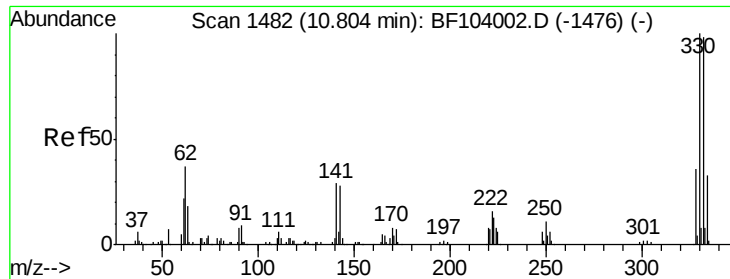
#40
 Hexachlorocyclopentadiene
 Concen: 82.063 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Tgt Ion:237	Resp:	278590
Ion Ratio	Lower	Upper
237	100	
235	63.7	44.8 84.8
272	13.6	0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

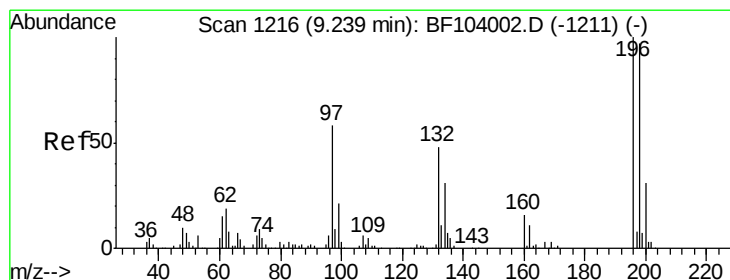
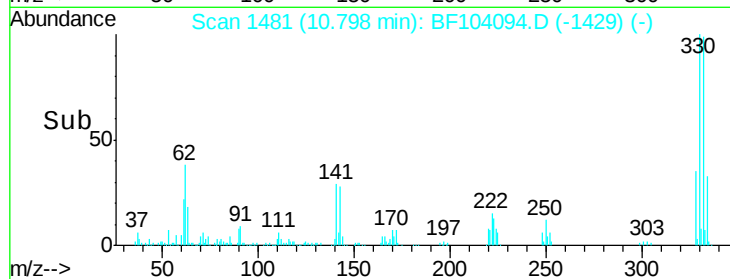
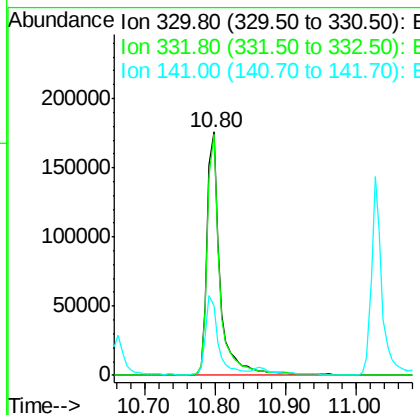
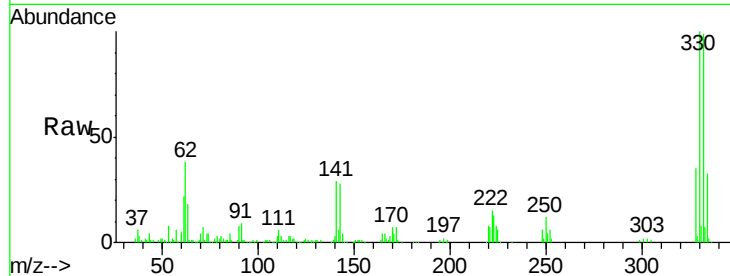




#41
 2,4,6-Tribromophenol
 Concen: 86.689 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

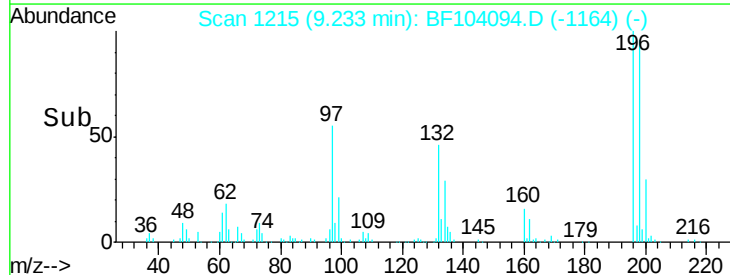
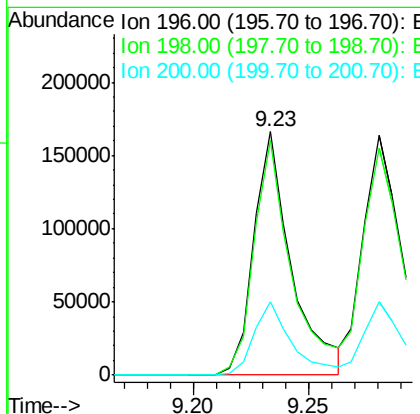
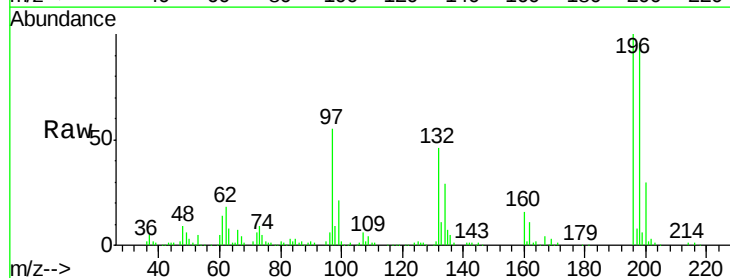
Instrument :
 BNA_F
 ClientSampleId :

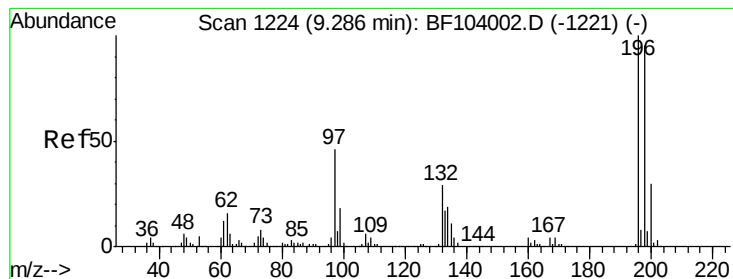
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	30.9	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.610 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.7	113.5
200	30.0	24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 40.300 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 221821

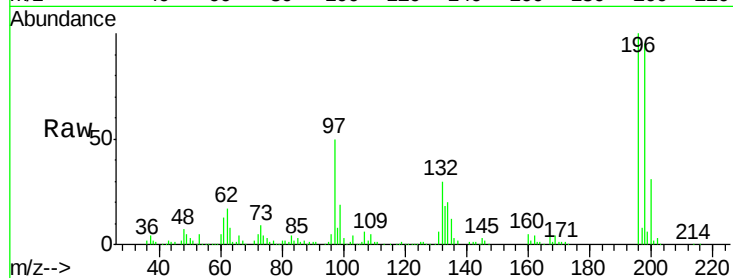
Ion Ratio Lower Upper

196 100

198 94.8 74.6 112.0

97 49.6 42.9 64.3

132 30.3 26.3 39.5

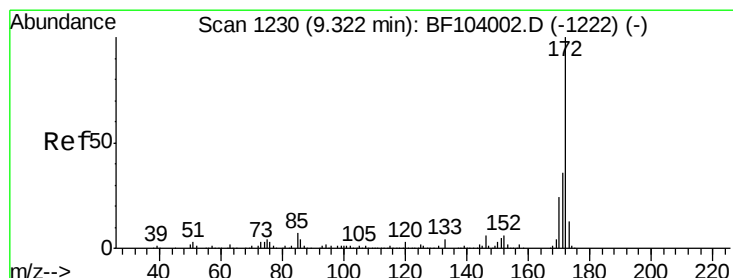
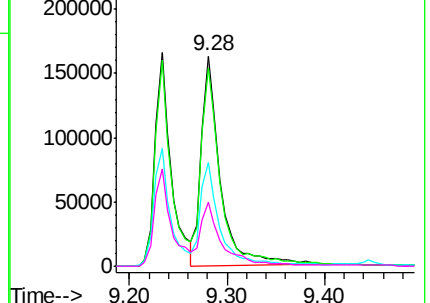
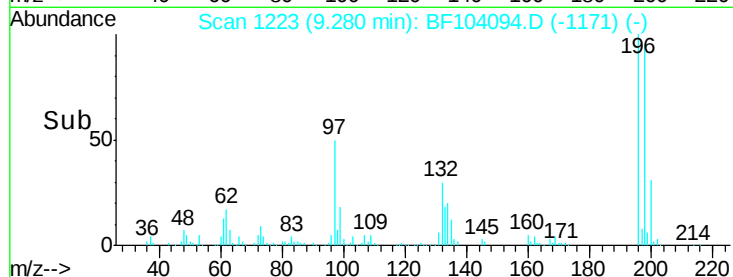


Abundance Ion 196.00 (195.70 to 196.70): E

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: 89.722 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

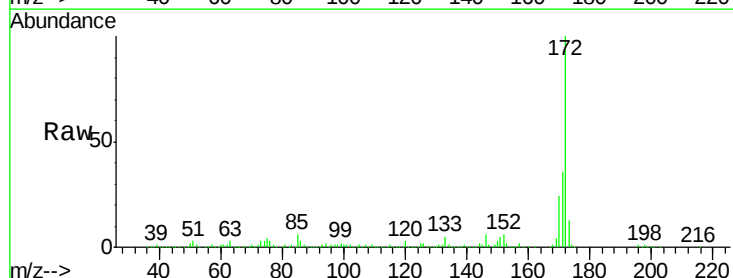
Tgt Ion:172 Resp: 1335751

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

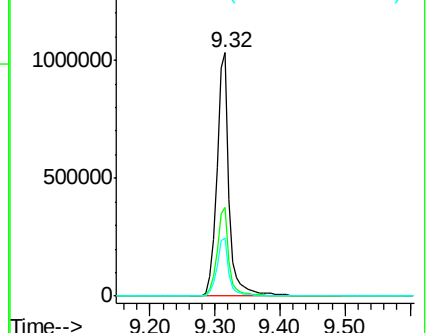
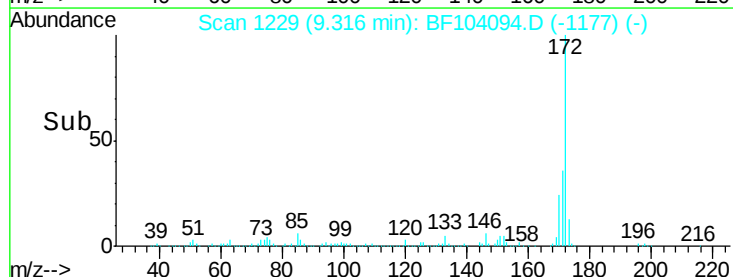
170 23.7 19.6 29.4

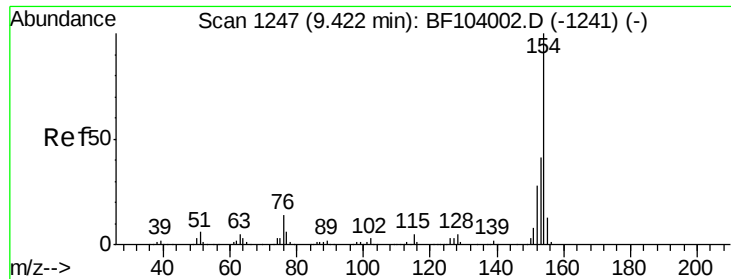


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.294 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampled :

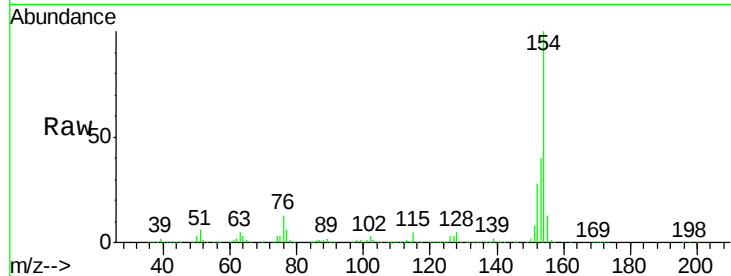
Tot Ion:154 Resp: 811897

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

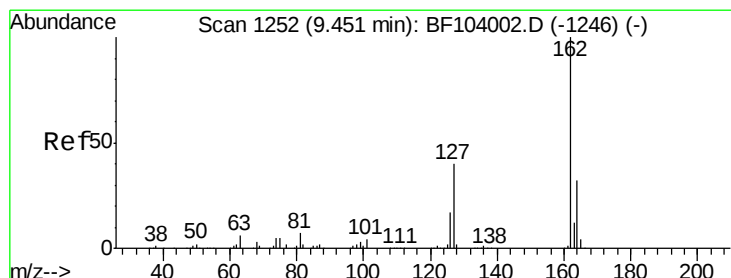
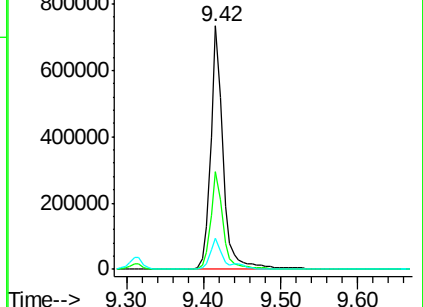
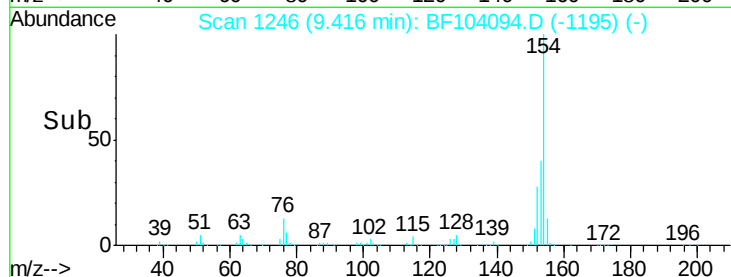
76 12.5 0.0 34.0



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: 40.297 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

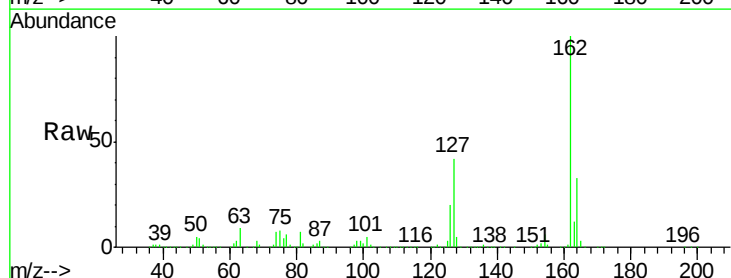
Tgt Ion:162 Resp: 640479

Ion Ratio Lower Upper

162 100

127 41.8 33.9 50.9

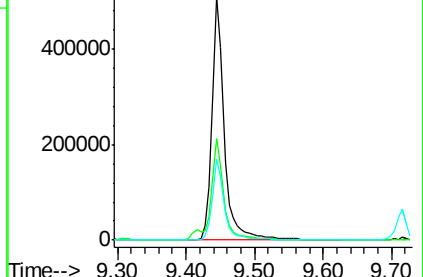
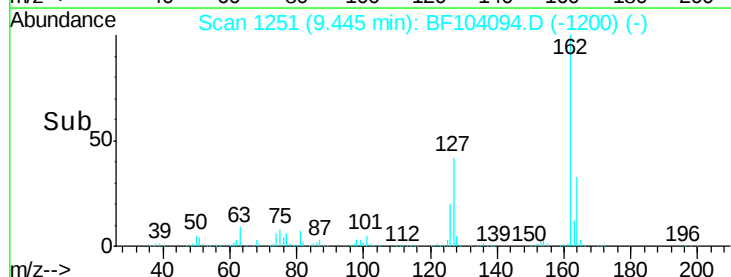
164 33.2 26.5 39.7

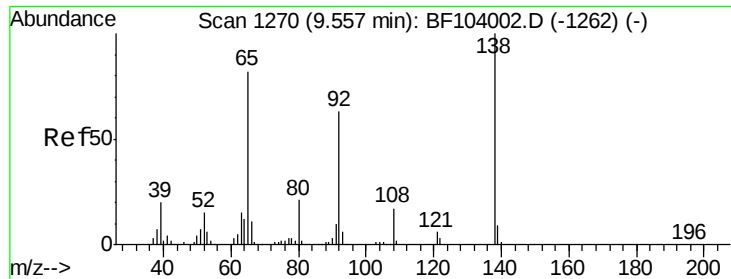


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

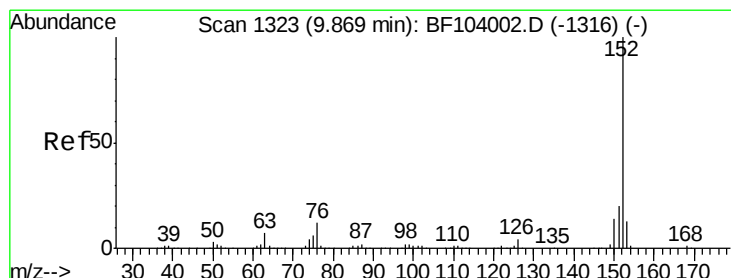
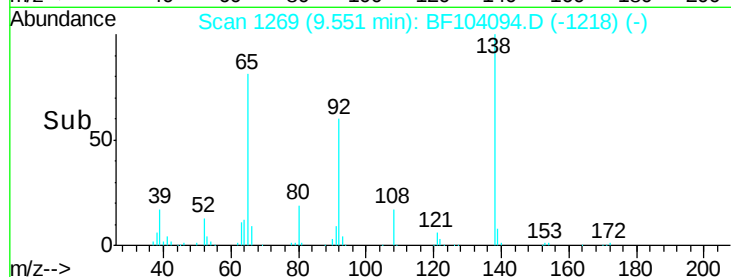
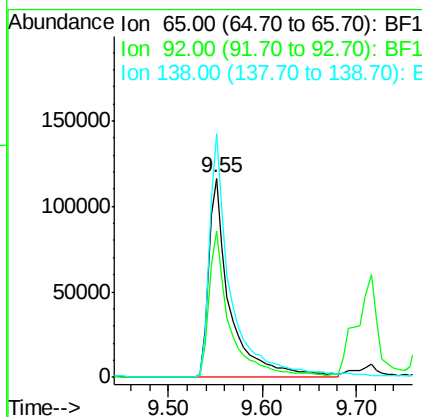
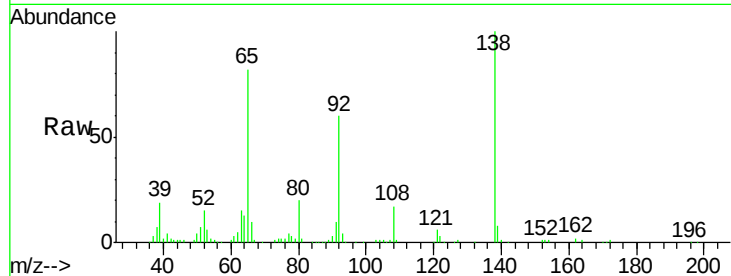




#47
2-Nitroaniline
Concen: 41.116 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

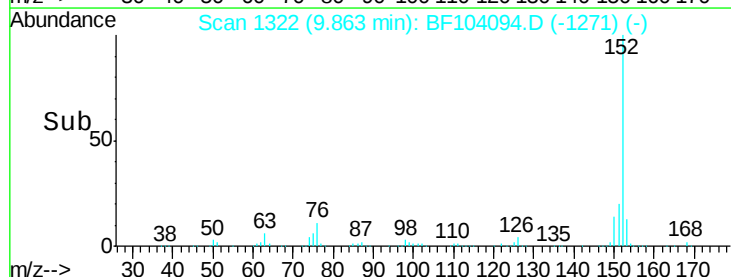
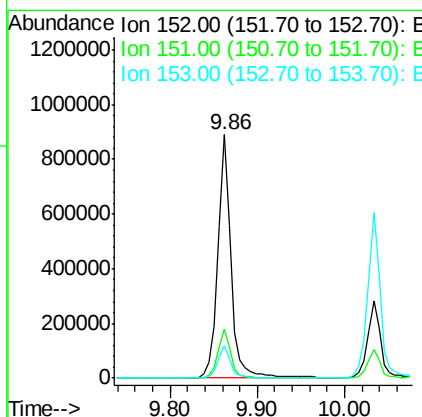
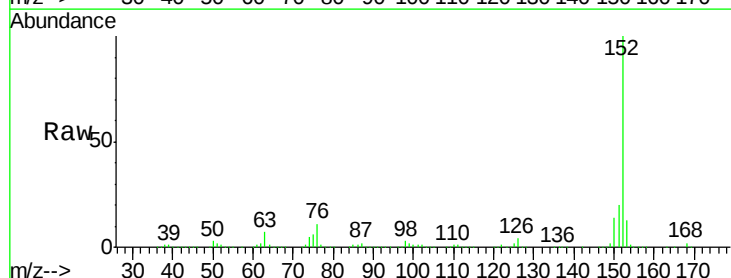
Instrument :
BNA_F
ClientSampleId :

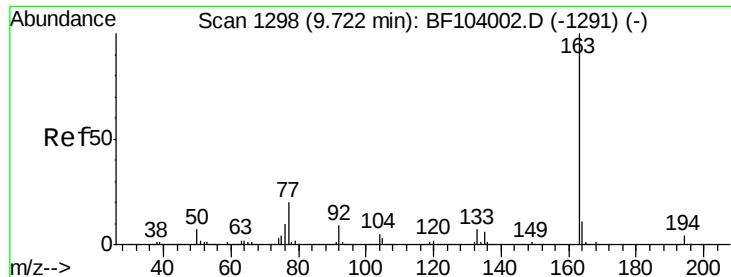
Tot Ion: 65 Resp: 186345
Ion Ratio Lower Upper
65 100
92 73.7 55.8 83.6
138 122.1 91.2 136.8



#48
Acenaphthylene
Concen: 39.013 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion: 152 Resp: 939383
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.2 10.7 16.1

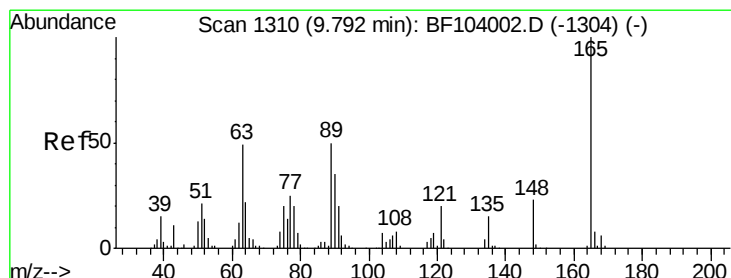
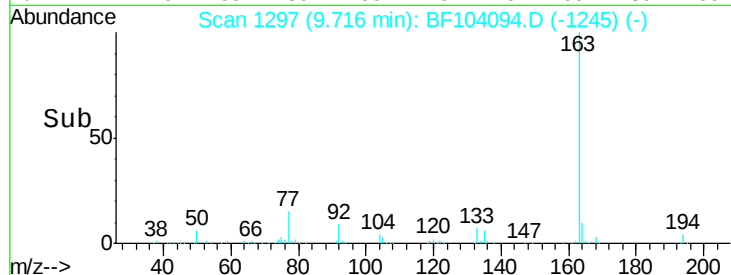
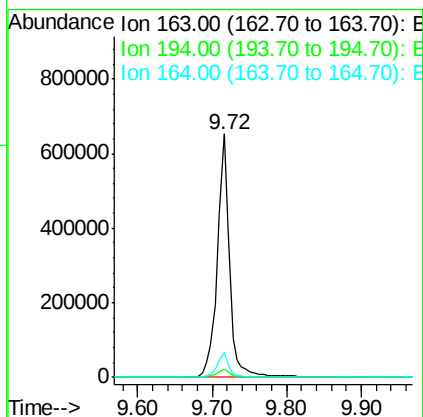
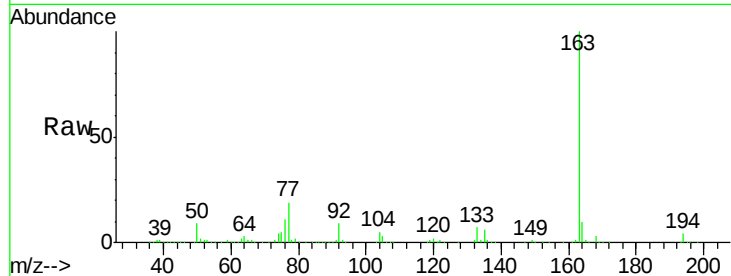




#49
Dimethylphthalate
Concen: 39.981 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

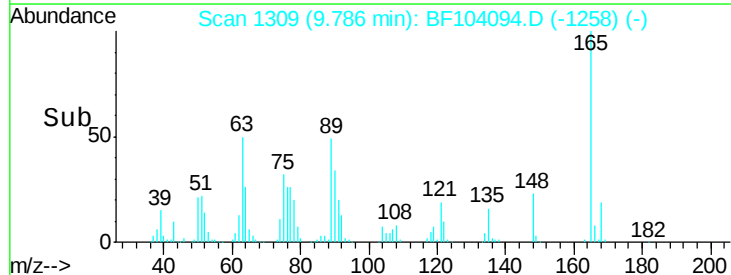
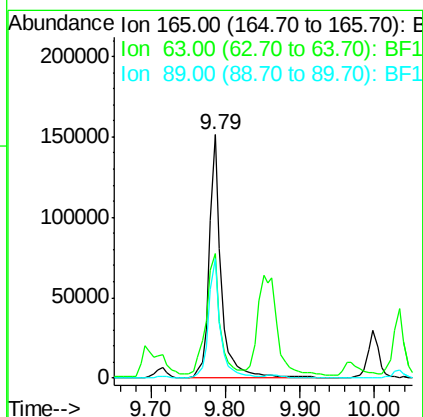
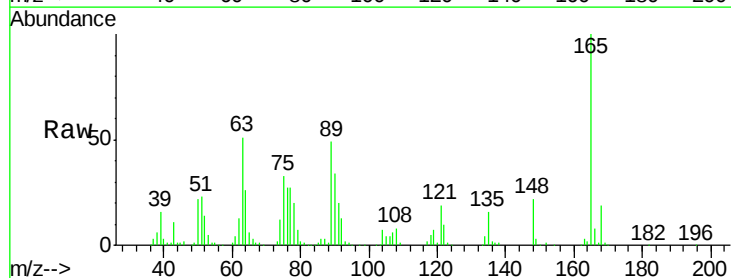
Instrument :
BNA_F
ClientSampleId :

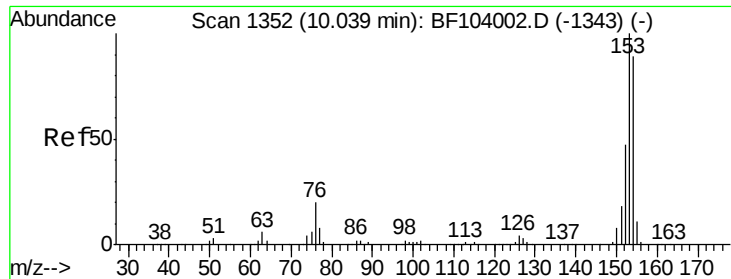
Tot Ion:163 Resp: 741067
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 42.284 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion:165 Resp: 168620
Ion Ratio Lower Upper
165 100
63 51.2 44.7 67.1
89 49.1 44.0 66.0





#51

Acenaphthene

Concen: 38.129 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

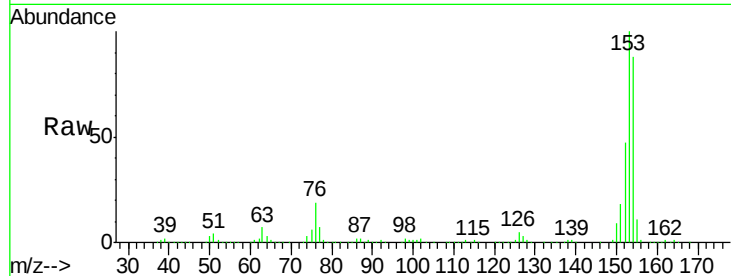
Tot Ion:154 Resp: 531119

Ion Ratio Lower Upper

154 100

153 113.9 91.2 136.8

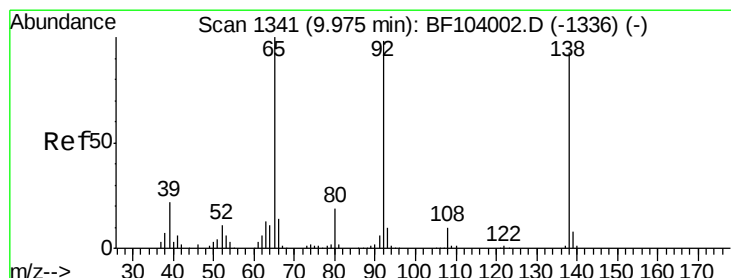
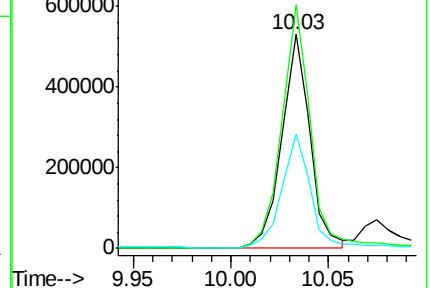
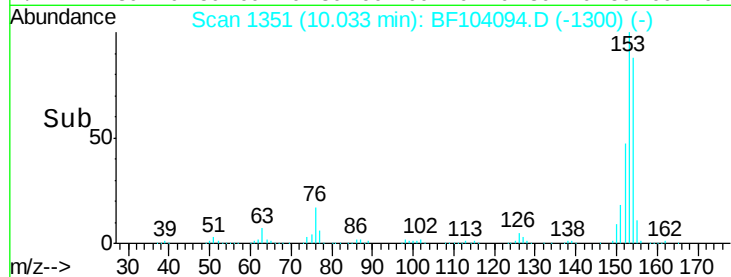
152 53.6 43.8 65.8



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: 23.426 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

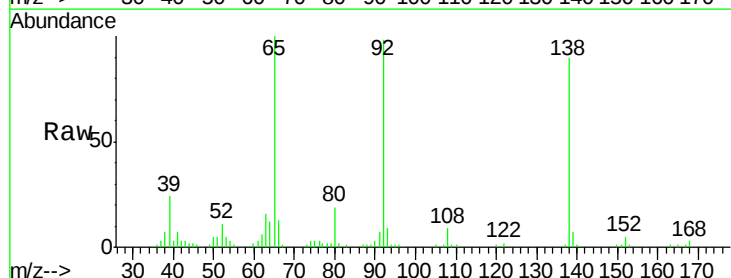
Tgt Ion:138 Resp: 107385

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

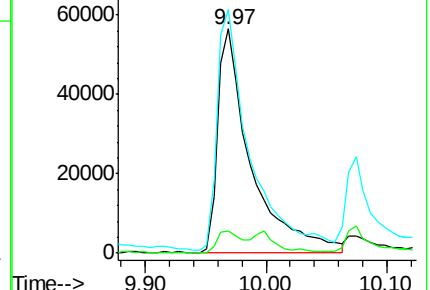
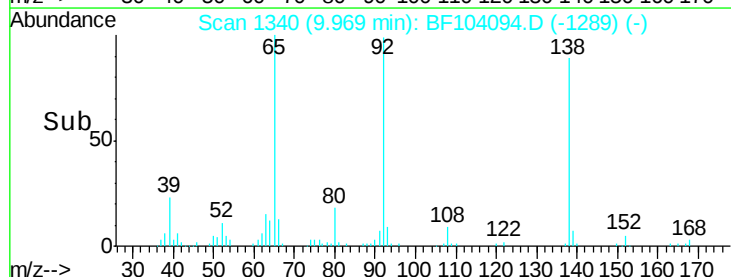
92 108.7 89.4 134.2

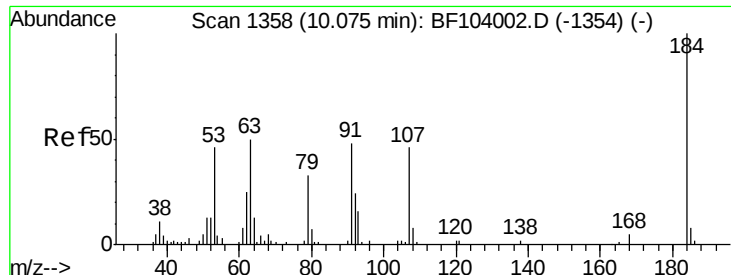


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

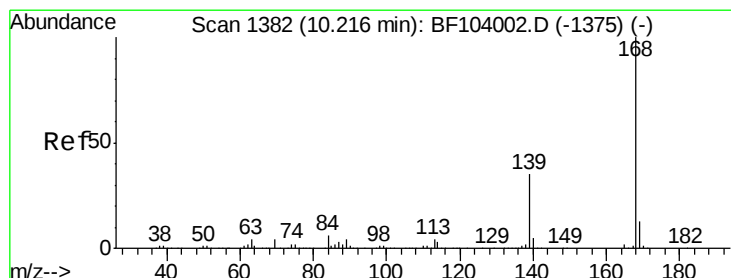
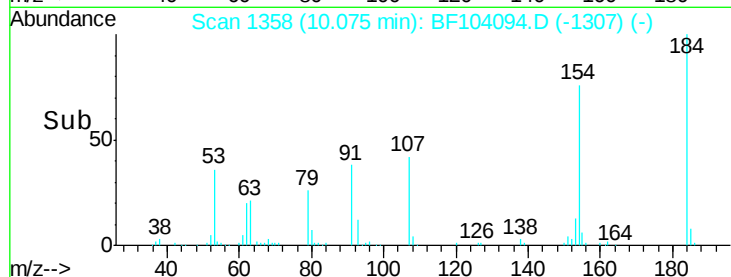
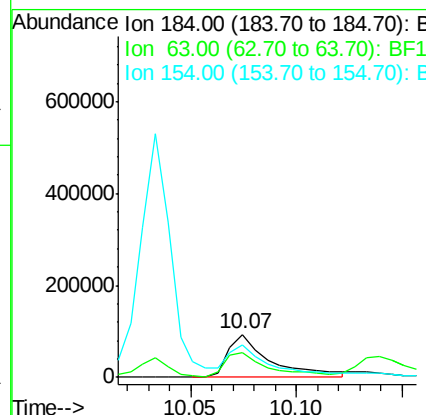
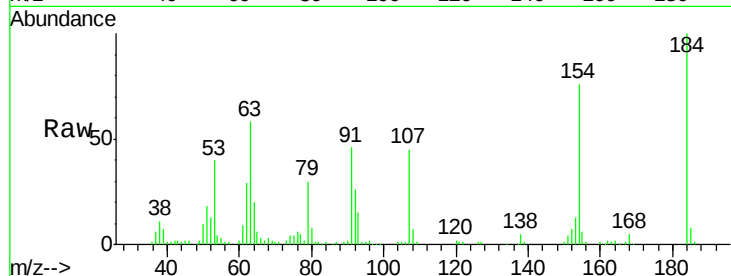




#53
 2,4-Dinitrophenol
 Concen: 74.972 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

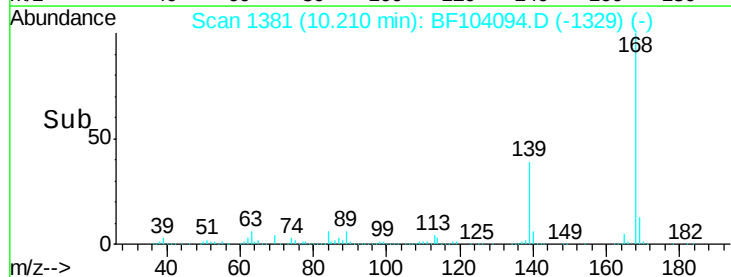
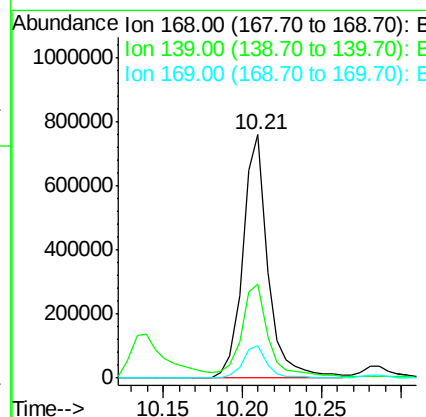
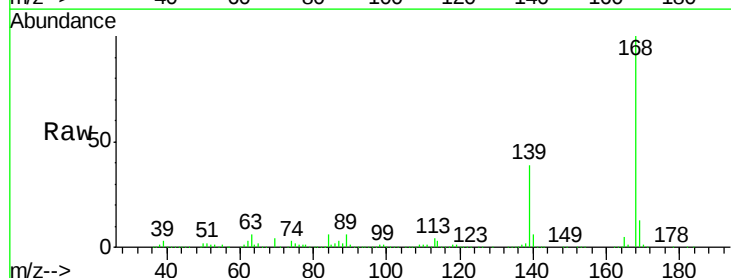
Instrument :
 BNA_F
 ClientSampleId :

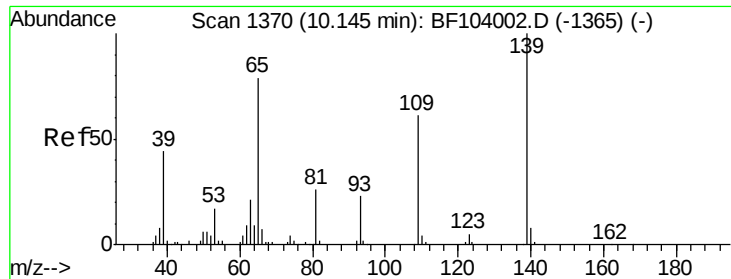
Tot Ion:184 Resp: 129864
 Ion Ratio Lower Upper
 184 100
 63 58.3 54.2 81.2
 154 76.3 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.108 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Tgt Ion:168 Resp: 836186
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.1 45.1
 169 13.2 10.9 16.3

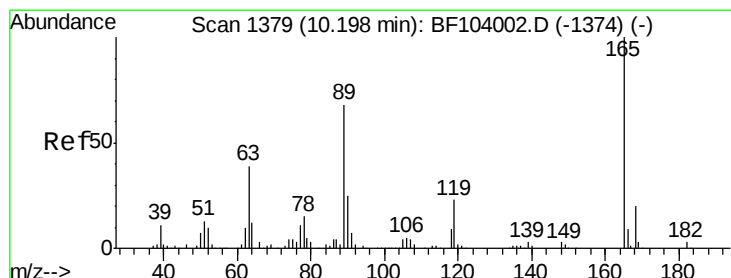
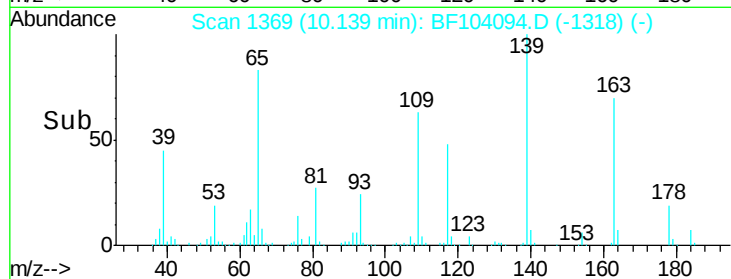
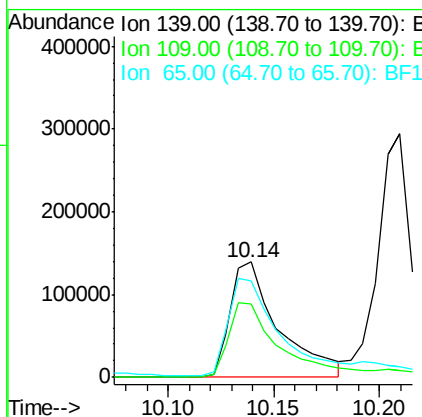
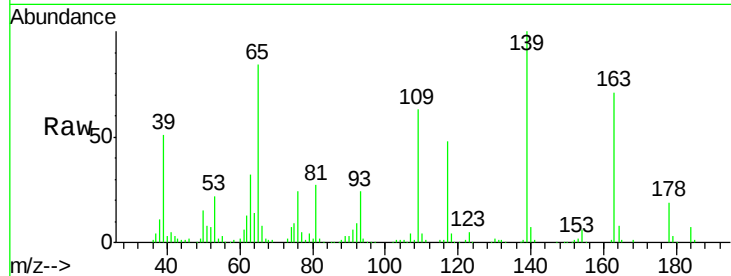




#55
4-Nitrophenol
Concen: 80.705 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

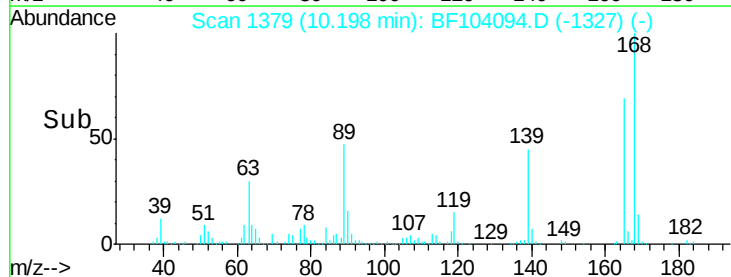
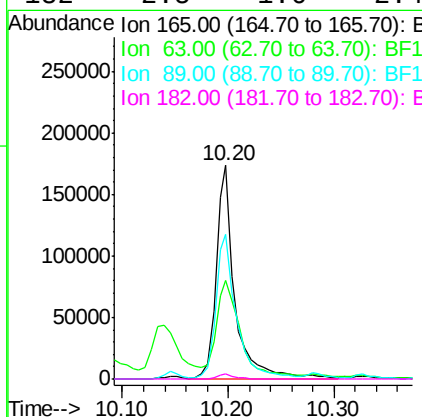
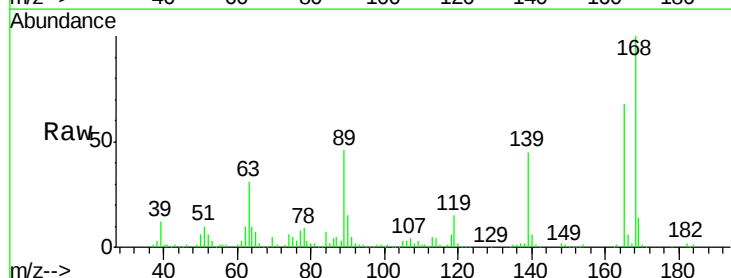
Instrument :
BNA_F
ClientSampled :

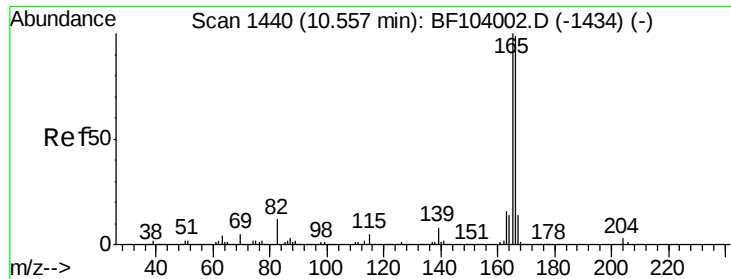
Tot Ion	Ratio	Lower	Upper
139	100		
109	63.5	48.4	88.4
65	83.9	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 42.072 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.1	36.4	54.6
89	67.9	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 40.132 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

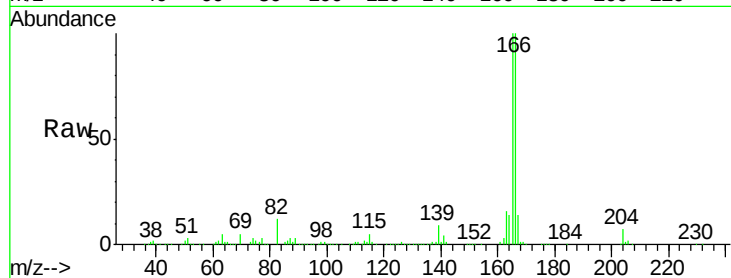
Tot Ion:166 Resp: 673380

Ion Ratio Lower Upper

166 100

165 100.2 79.8 119.8

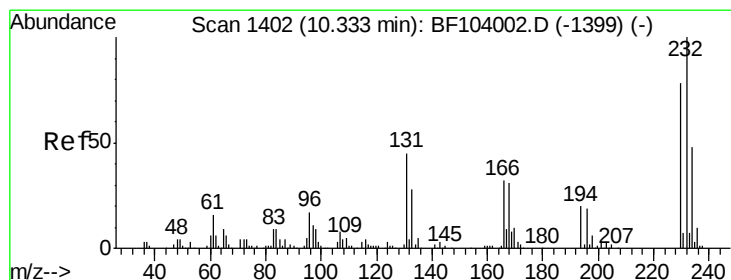
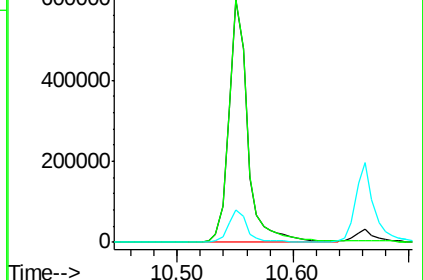
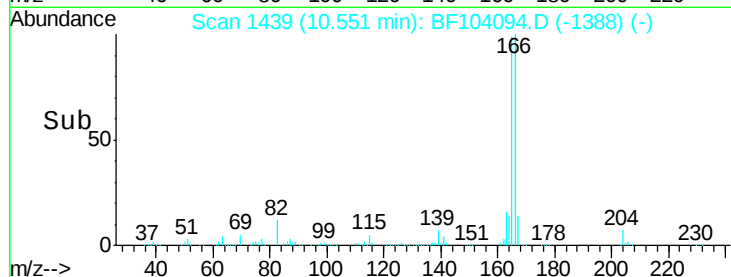
167 13.6 10.6 16.0



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: 45.425 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Tgt Ion:232 Resp: 187325

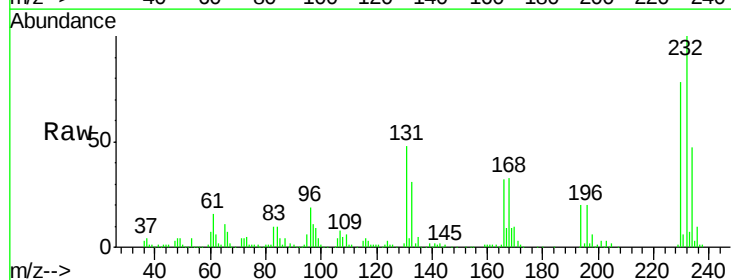
Ion Ratio Lower Upper

232 100

131 43.1 43.8 65.8#

130 2.5 2.1 3.1

166 29.3 27.8 41.6

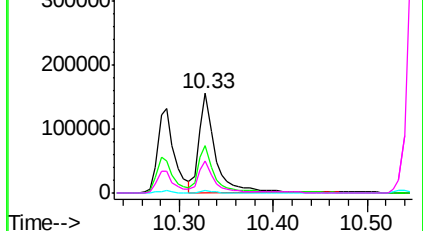
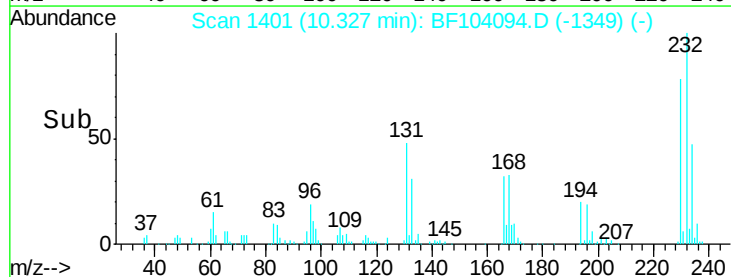


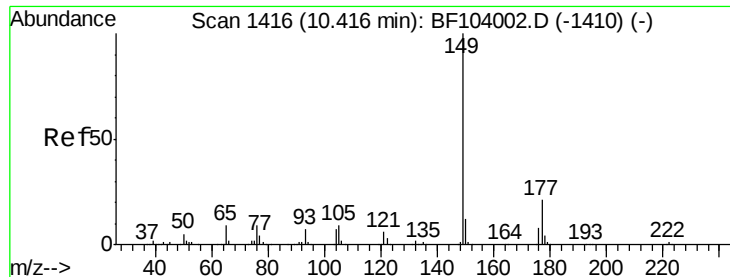
Abundance Ion 232.00 (231.70 to 232.70): E

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

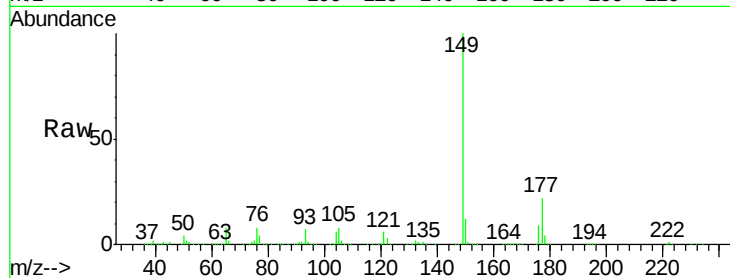




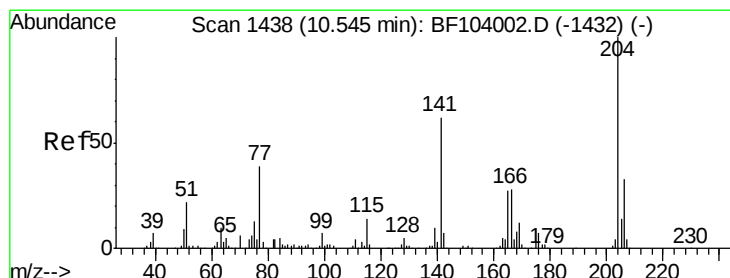
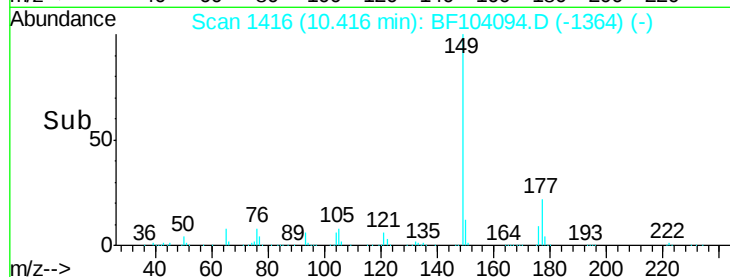
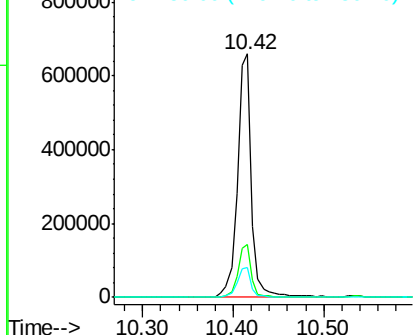
#59
Diethylphthalate
Concen: 40.440 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 718094
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.4 10.1 15.1

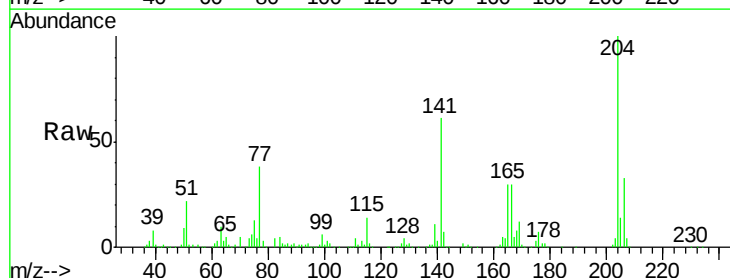


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

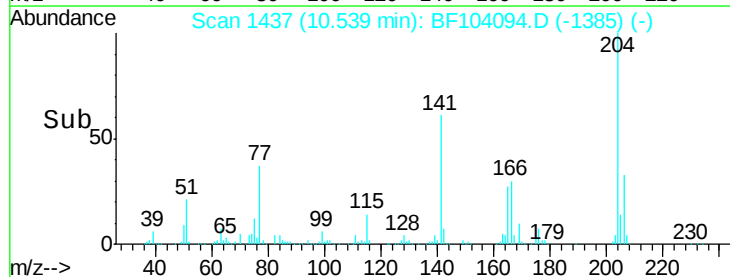
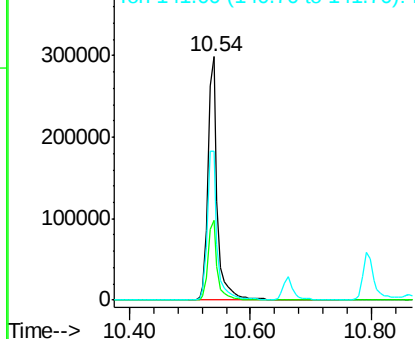


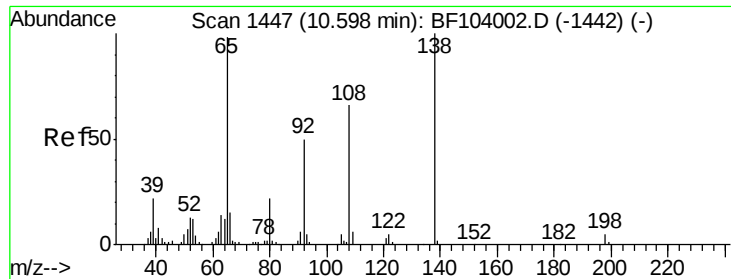
#60
4-Chlorophenyl-phenylether
Concen: 42.058 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion:204 Resp: 324122
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 61.0 54.6 81.8



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

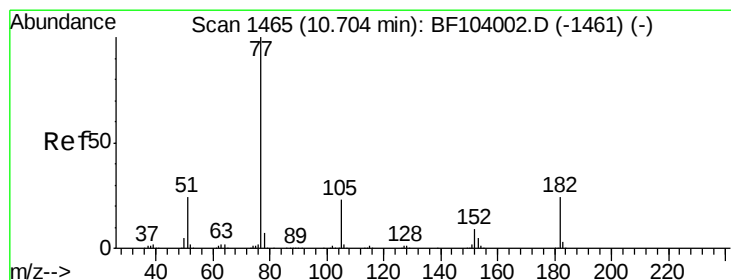
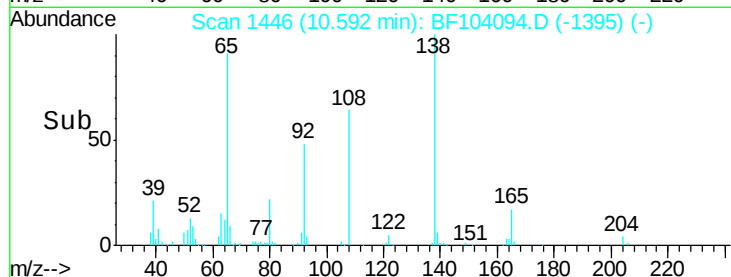
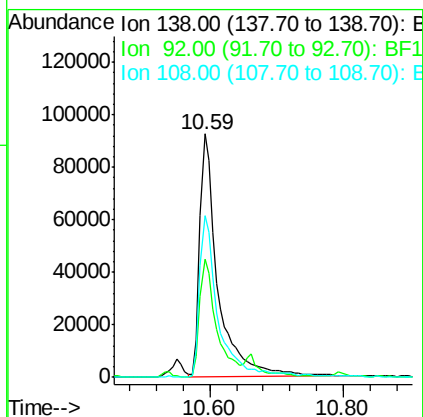
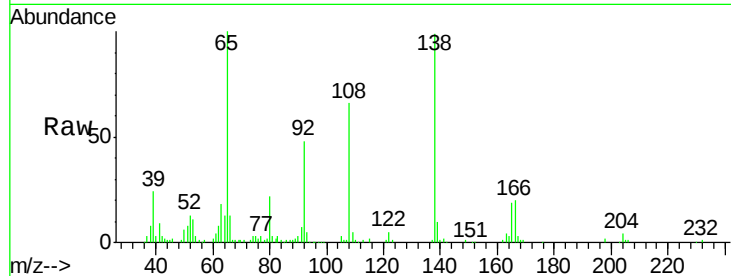




#61
4-Nitroaniline
Concen: 39.973 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

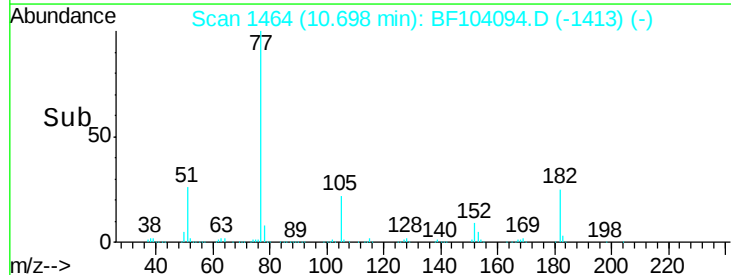
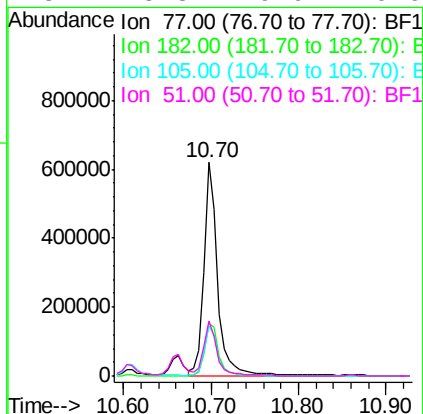
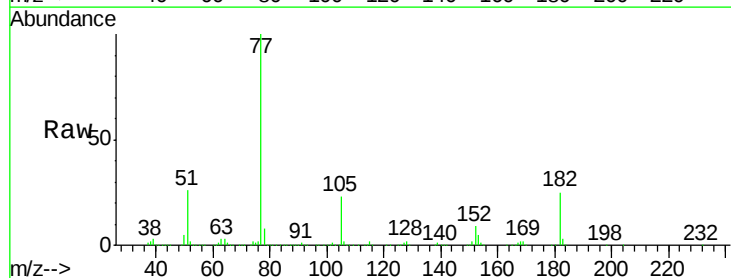
Instrument :
BNA_F
ClientSampleId :

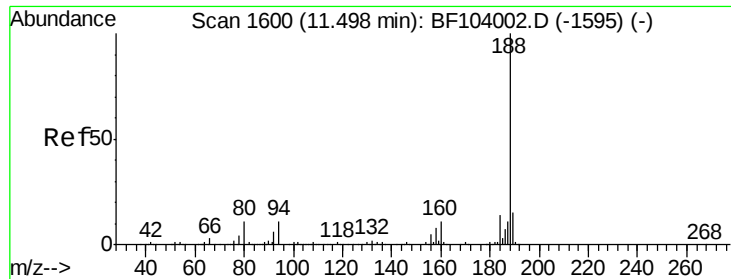
Tot Ion:138 Resp: 171456
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 66.6 52.5 92.5



#62
Azobenzene
Concen: 41.640 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion: 77 Resp: 668592
Ion Ratio Lower Upper
77 100
182 24.7 1.7 41.7
105 23.5 3.0 43.0
51 25.8 9.9 49.9

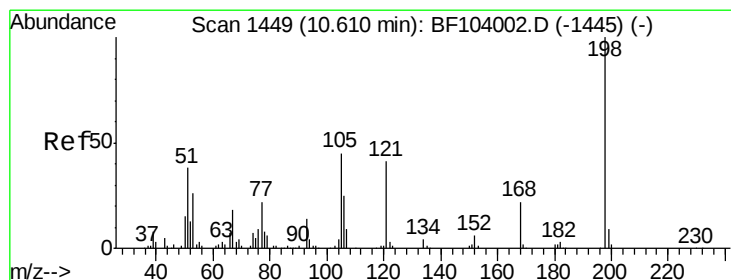
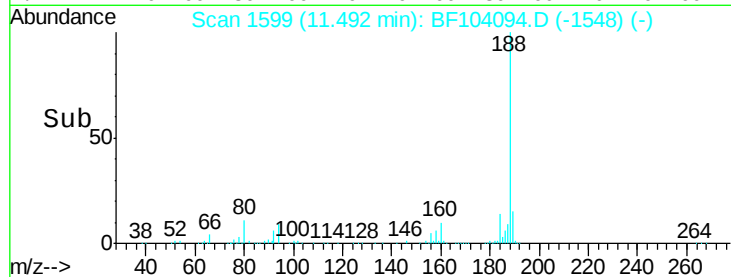
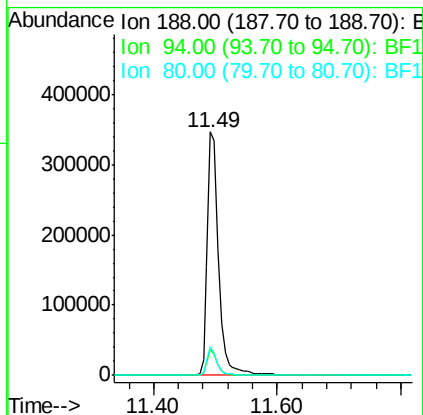
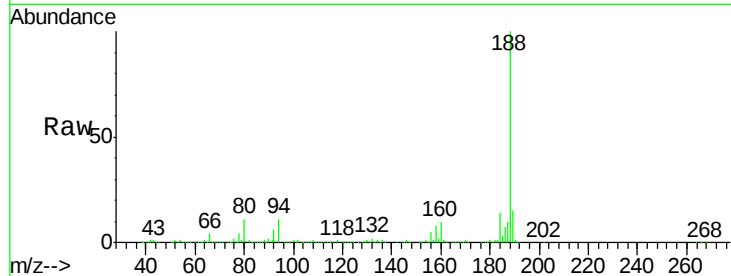




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

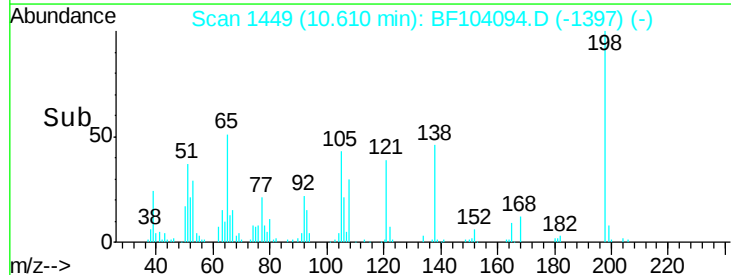
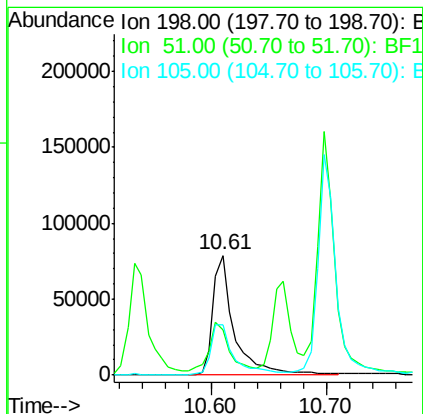
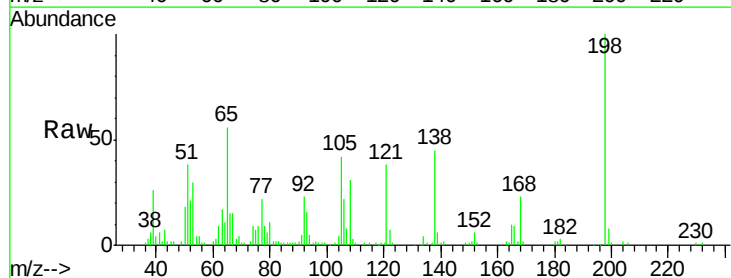
Instrument :
BNA_F
ClientSampleId :

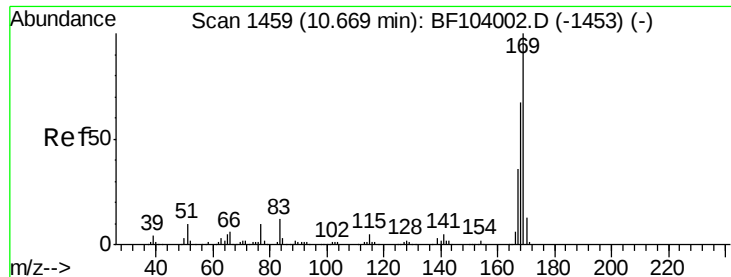
Tot Ion:188 Resp: 436659
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.535 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion:198 Resp: 101857
Ion Ratio Lower Upper
198 100
51 37.5 37.7 77.7#
105 42.0 36.3 76.3

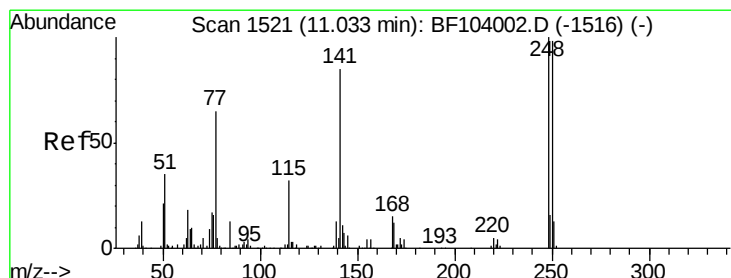
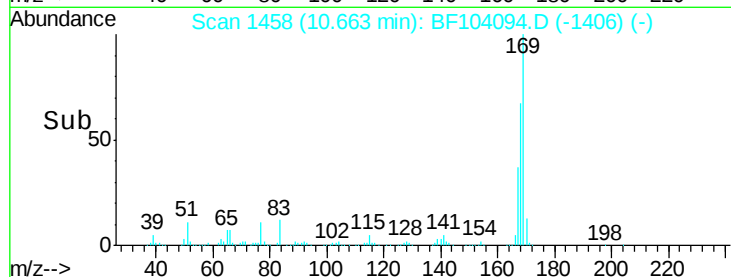
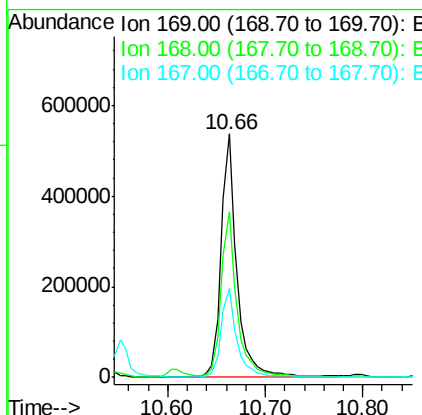
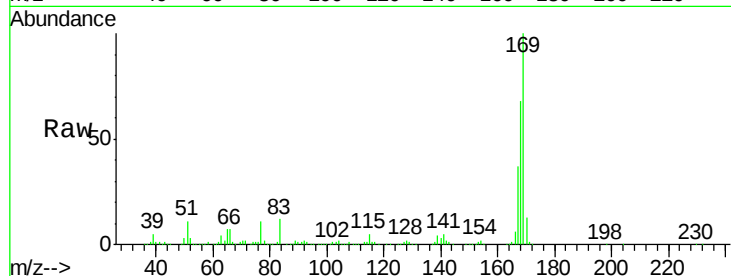




#65
 n-Nitrosodiphenylamine
 Concen: 40.753 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

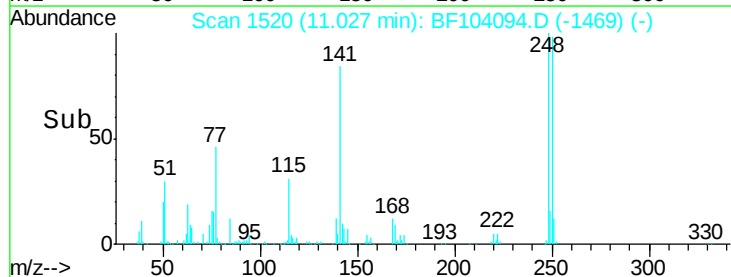
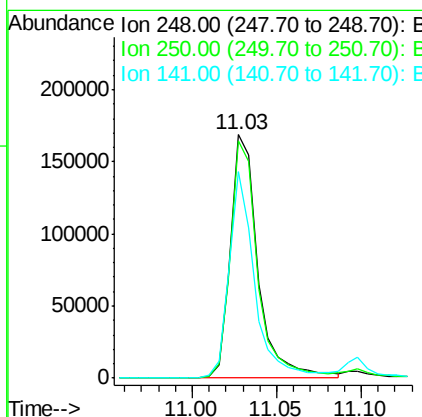
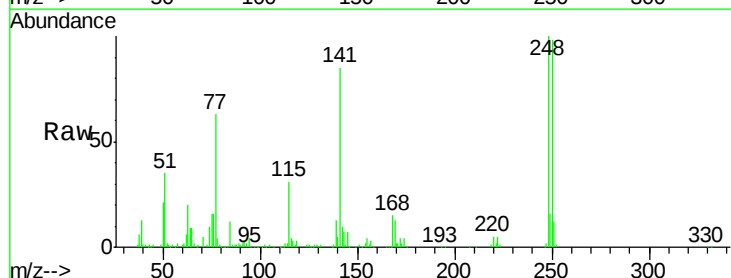
Instrument :
 BNA_F
 ClientSampleId :

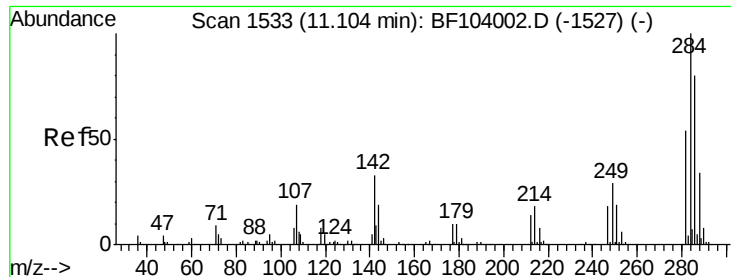
Tot Ion:169 Resp: 602663
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.016 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Tgt Ion:248 Resp: 191611
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.9 115.3
 141 84.9 74.4 111.6





#67

Hexachlorobenzene

Concen: 39.743 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampled :

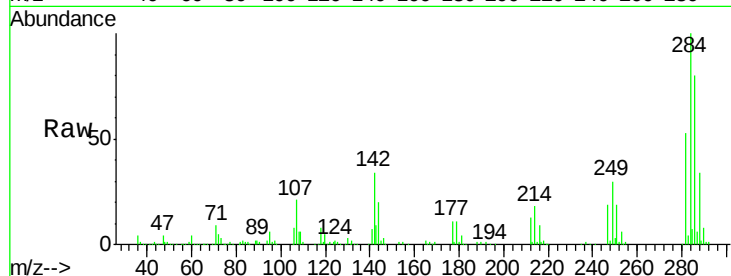
Tot Ion:284 Resp: 213570

Ion Ratio Lower Upper

284 100

142 33.9 34.6 52.0#

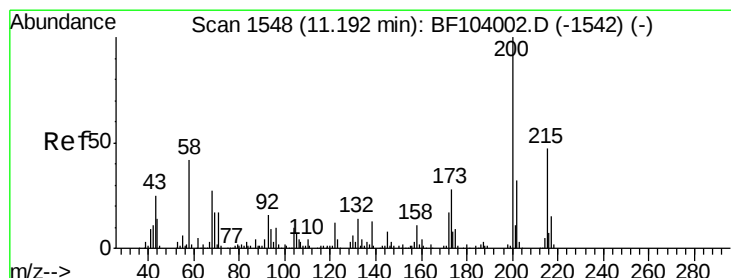
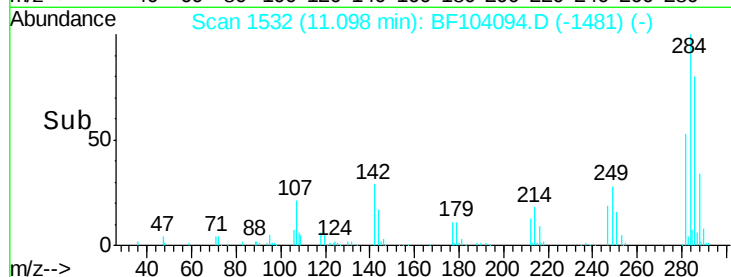
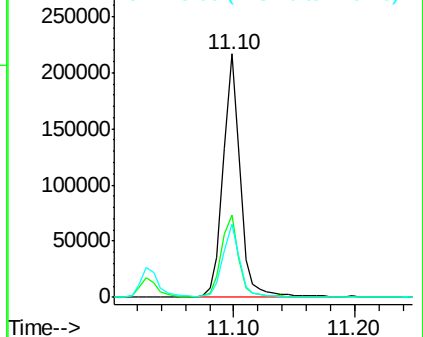
249 29.9 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.522 ng

RT: 11.19 min Scan# 1547

Delta R.T. 0.01 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

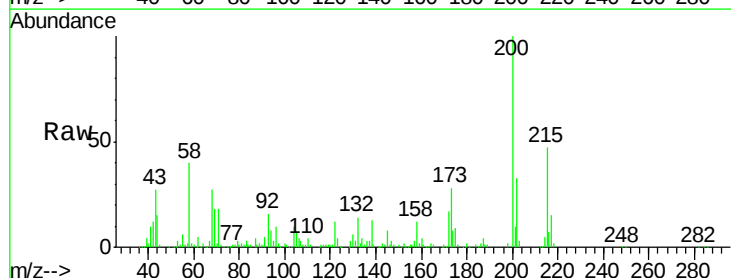
Tgt Ion:200 Resp: 188116

Ion Ratio Lower Upper

200 100

173 28.4 8.6 48.6

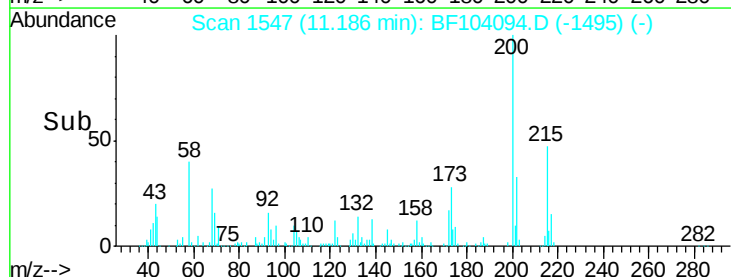
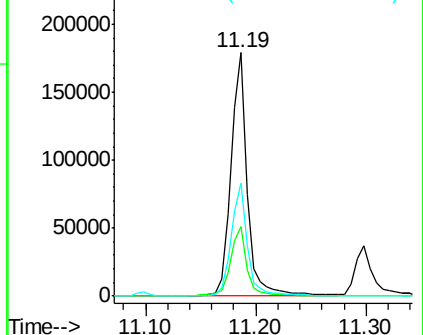
215 46.6 25.1 65.1

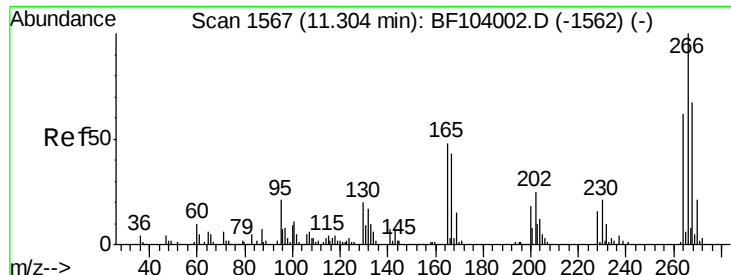


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

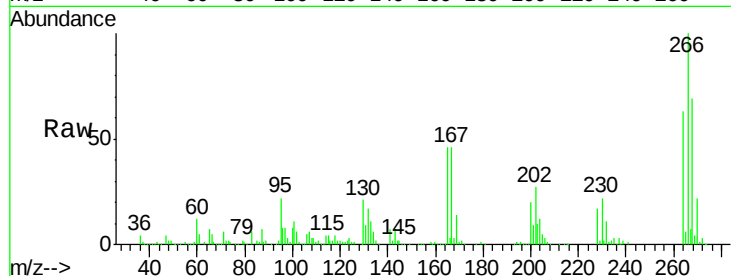




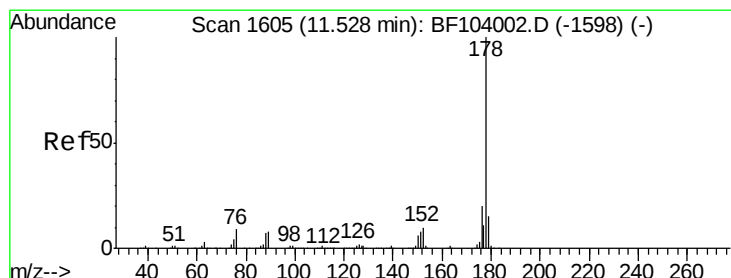
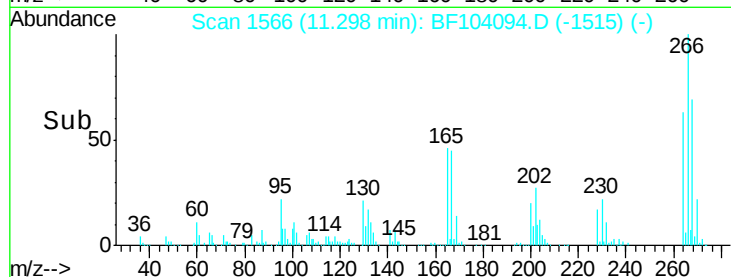
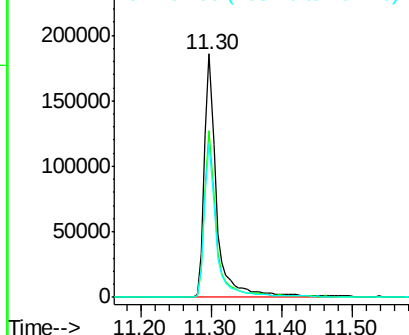
#69
 Pentachlorophenol
 Concen: 77.044 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 227827
 Ion Ratio Lower Upper
 266 100
 268 68.5 51.1 76.7
 264 63.1 49.5 74.3

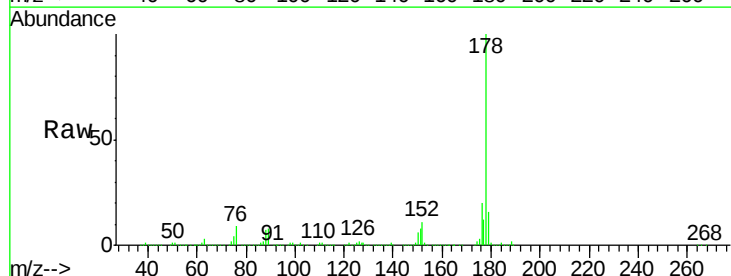


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

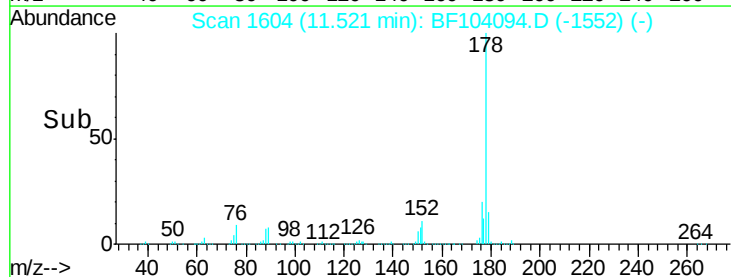
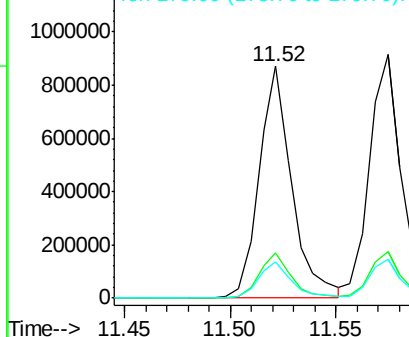


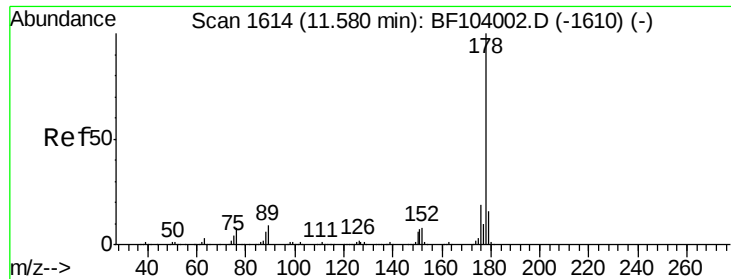
#70
 Phenanthrene
 Concen: 39.705 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Tgt Ion:178 Resp: 938672
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.6 13.0 19.6



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

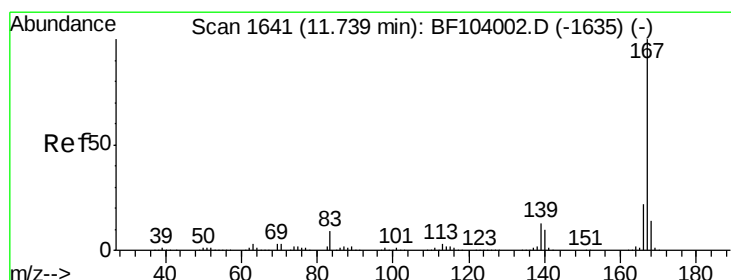
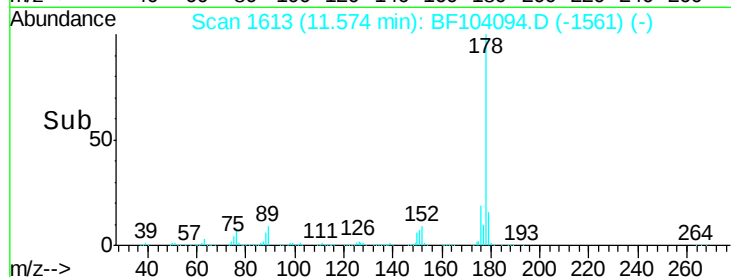
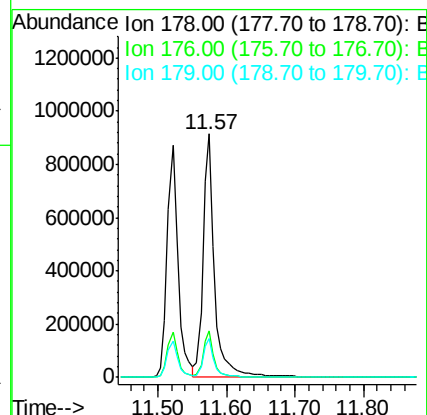
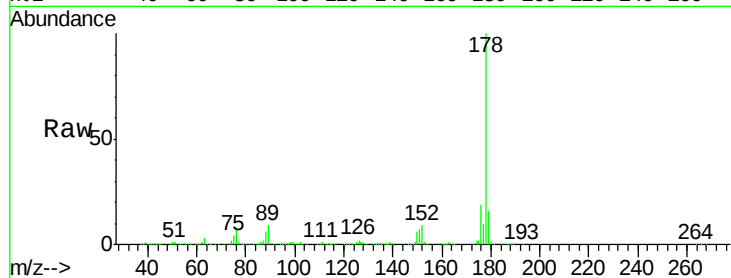




#71
 Anthracene
 Concen: 43.599 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

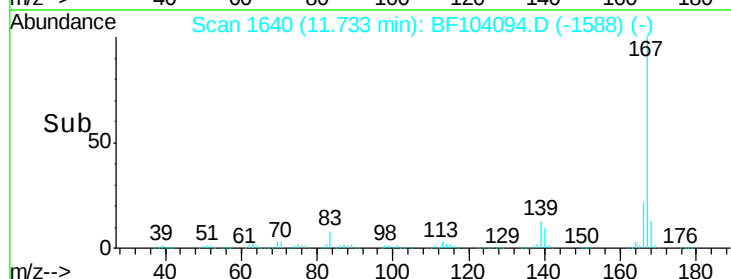
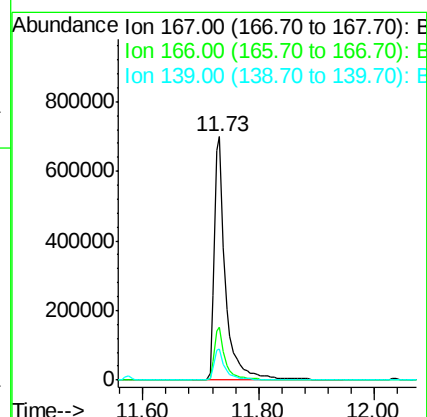
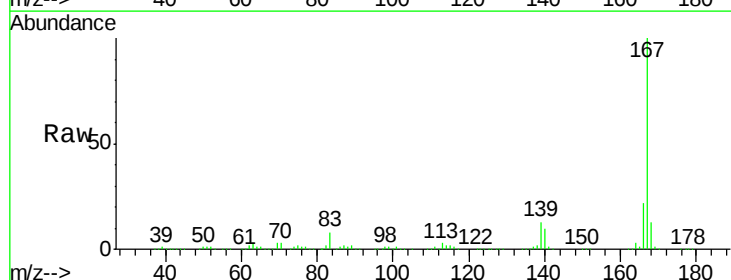
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1076641
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 41.211 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Tgt Ion:167 Resp: 971299
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.114 ng

RT: 12.04 min Scan# 1692

Delta R.T. 0.01 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

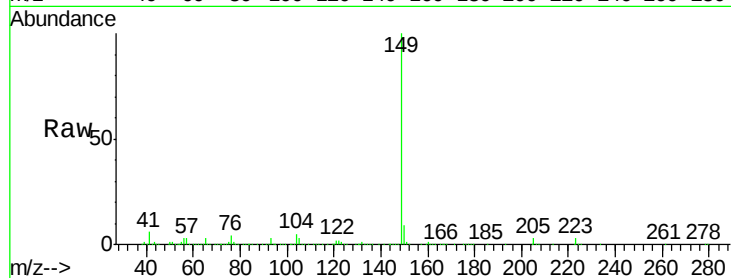
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1126159

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.7	3.8	5.8

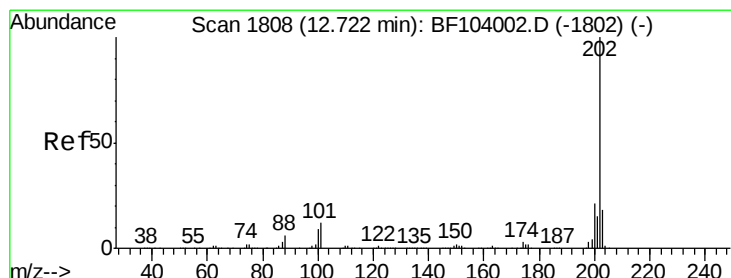
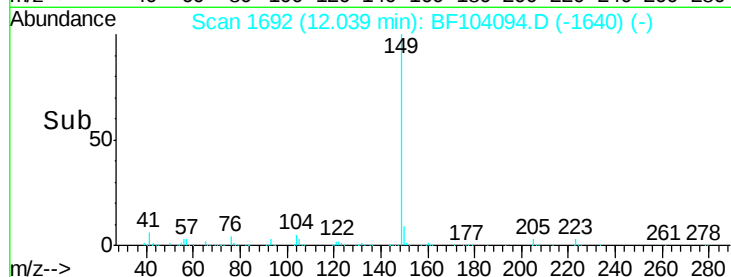
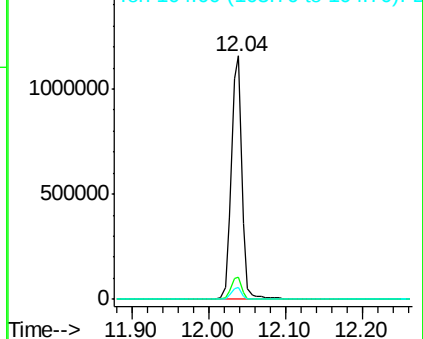


Abundance

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: 40.188 ng

RT: 12.72 min Scan# 1807

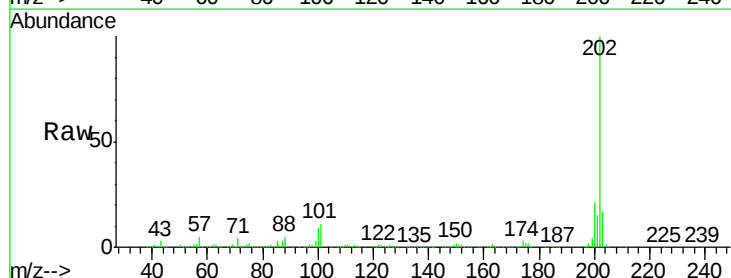
Delta R.T. 0.01 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Tgt Ion:202 Resp: 1009894

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	17.4	0.0	38.1

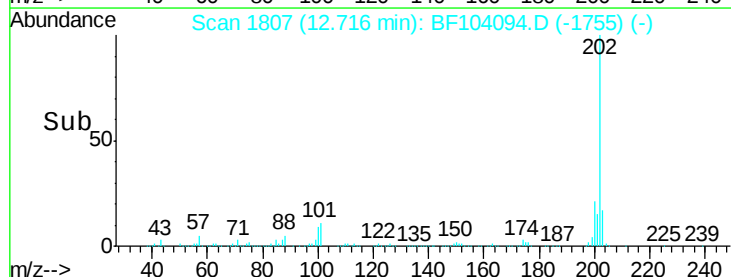
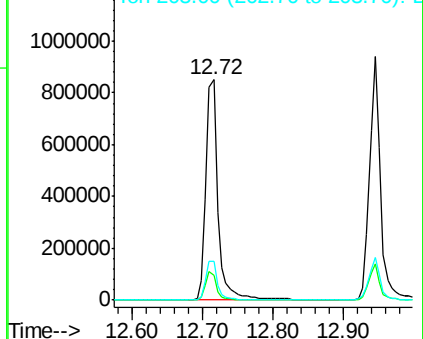


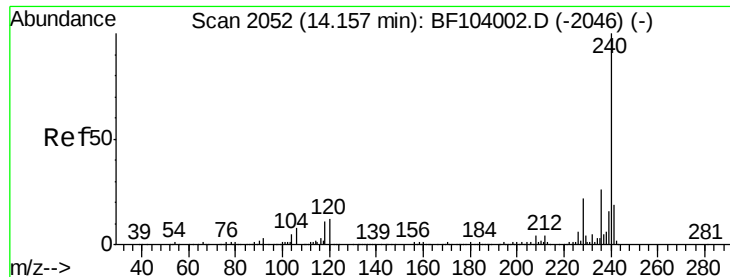
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

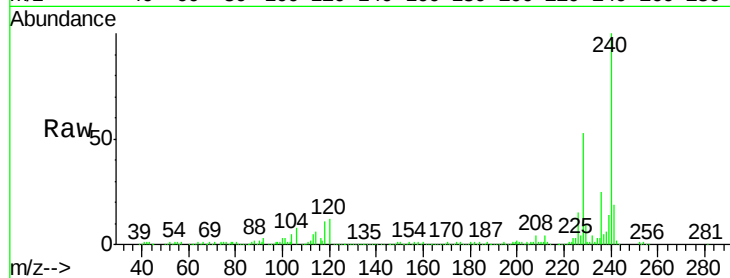
Tot Ion:240 Resp: 356925

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

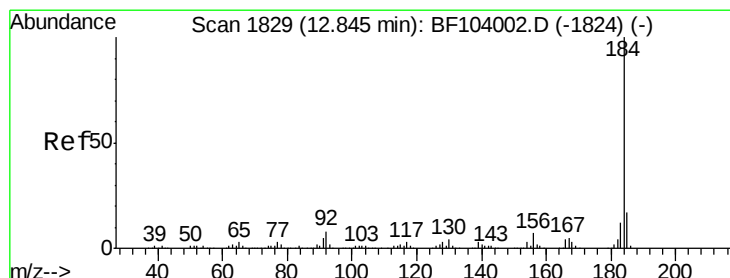
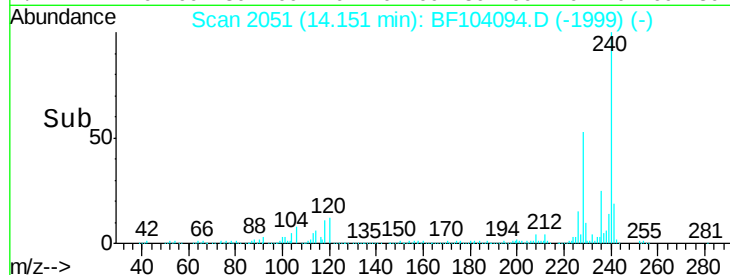
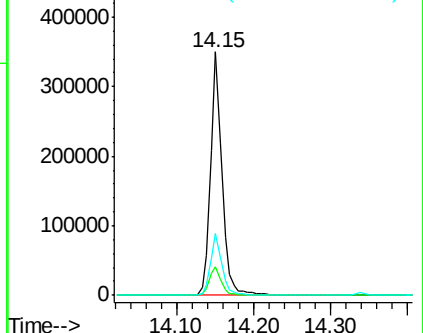
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.023 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

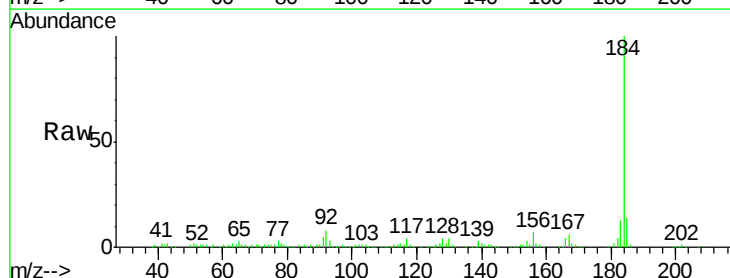
Tgt Ion:184 Resp: 386756

Ion Ratio Lower Upper

184 100

185 13.9 12.6 18.8

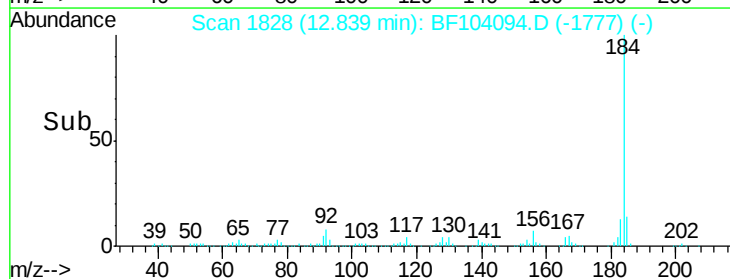
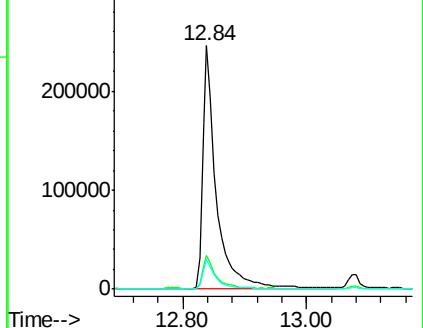
183 12.5 9.3 13.9

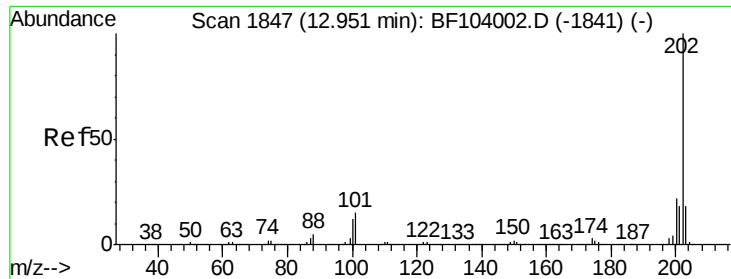


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

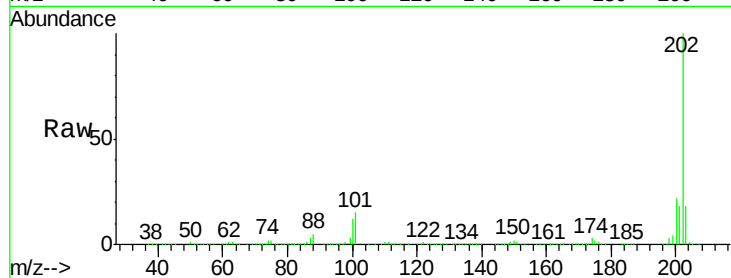




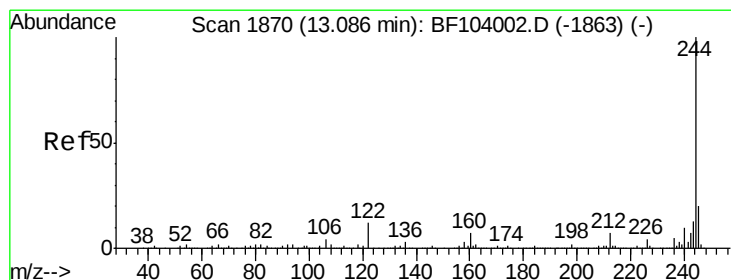
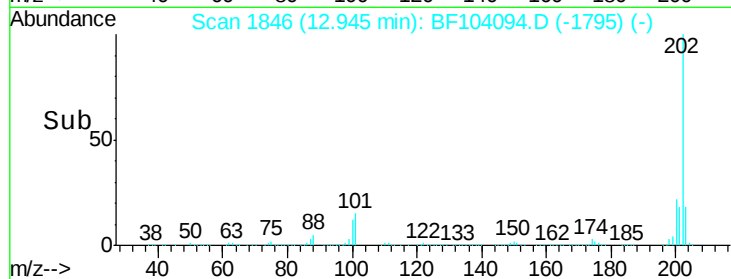
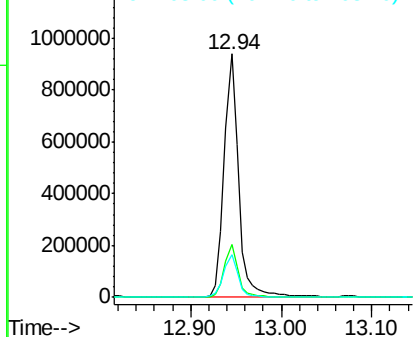
#77
Pvrene
Concen: 40.063 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1027938
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.7 14.3 21.5

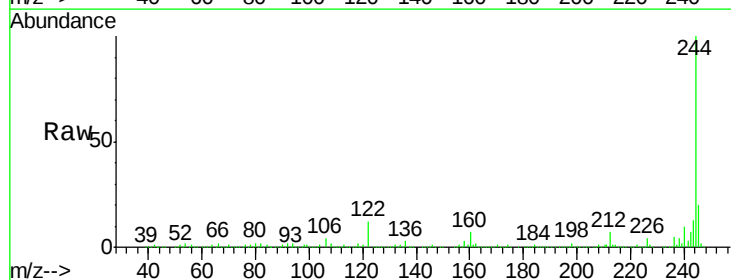


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

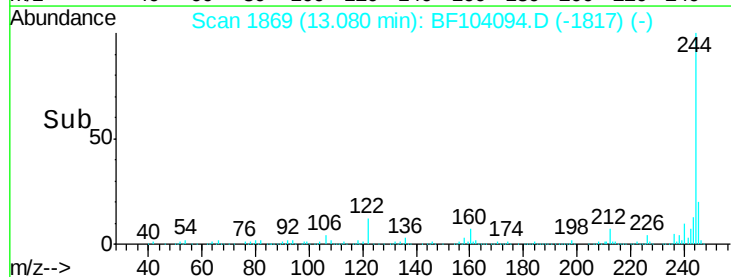
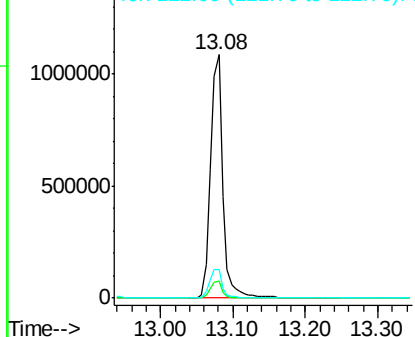


#78
Terphenyl-d14
Concen: 83.258 ng
RT: 13.08 min Scan# 1869
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion:244 Resp: 1287033
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 11.7 11.0 16.4



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

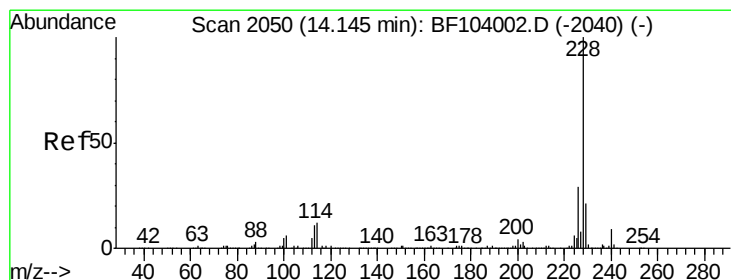
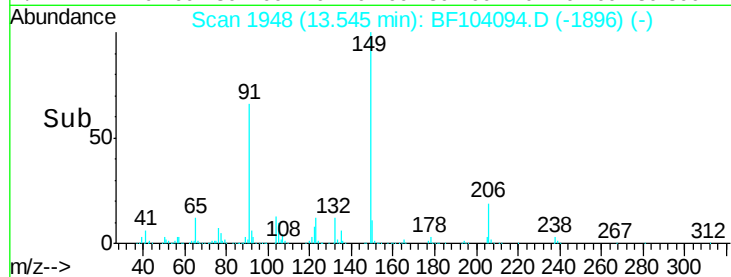
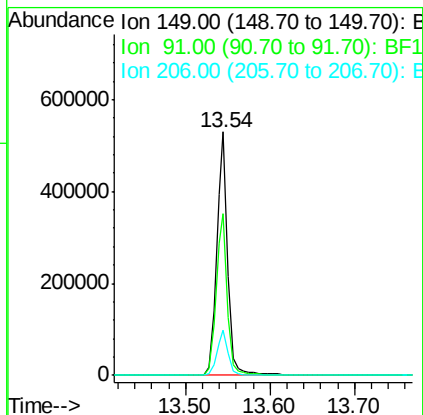
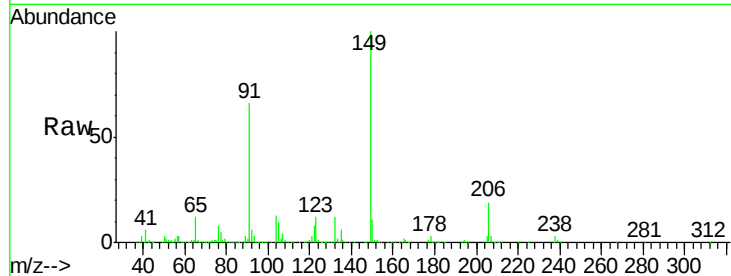




#79
Butylbenzylphthalate
Concen: 40.745 ng
RT: 13.54 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

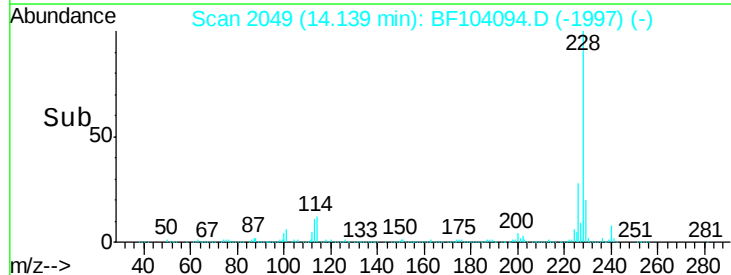
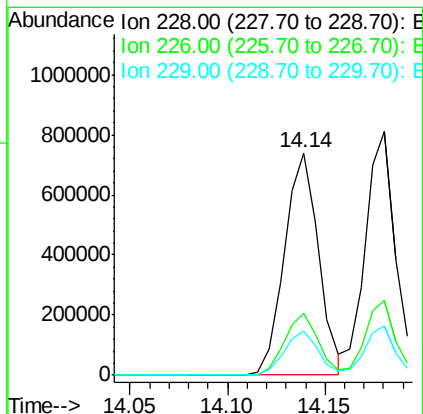
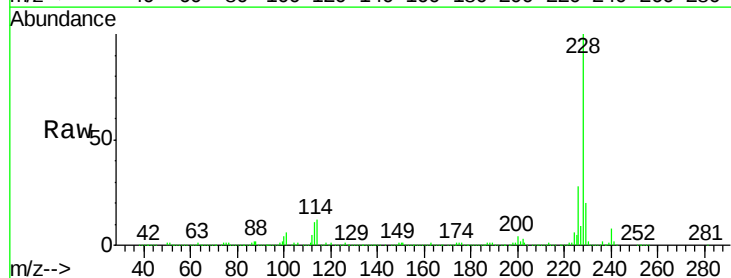
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 492533
Ion Ratio Lower Upper
149 100
91 66.5 56.8 85.2
206 18.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.010 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion:228 Resp: 893556
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.9 15.8 23.6

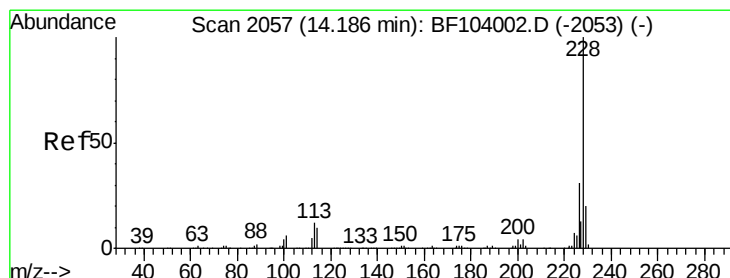
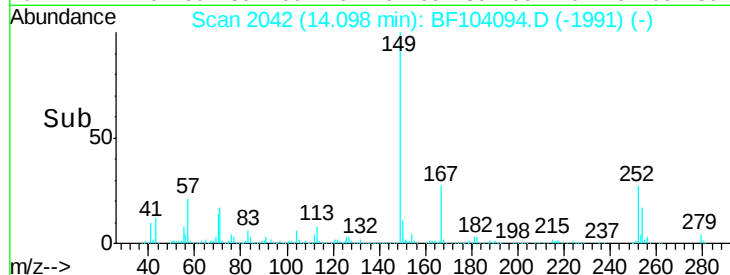
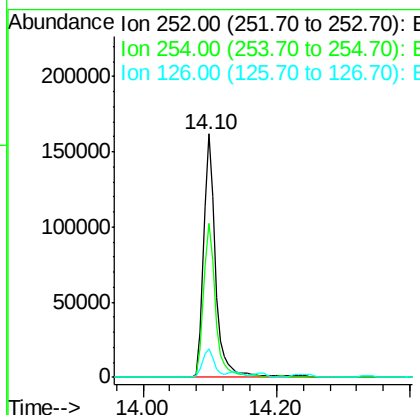
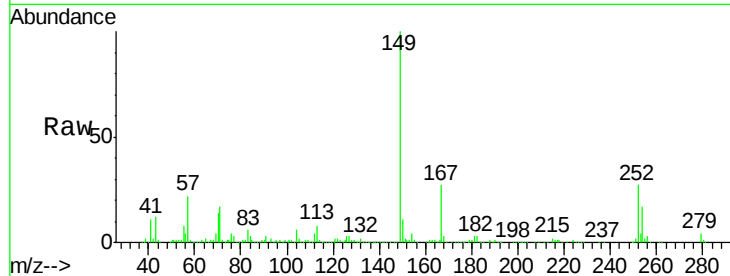




#81
 3,3'-Dichlorobenzidine
 Concen: 27.057 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.00 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

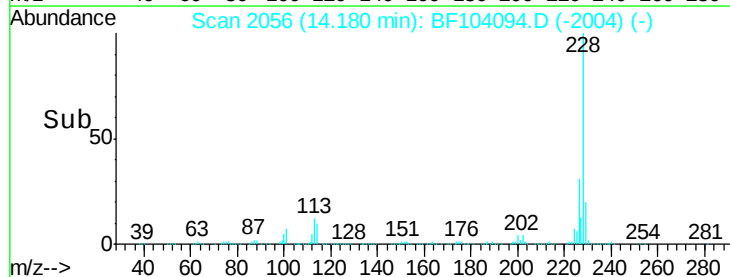
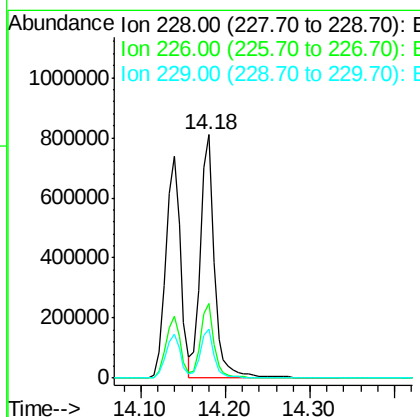
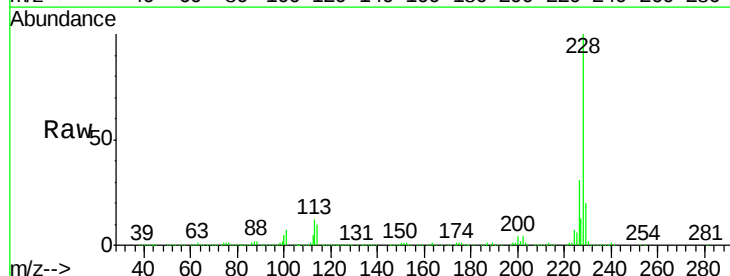
Instrument :
 BNA_F
 ClientSampleId :

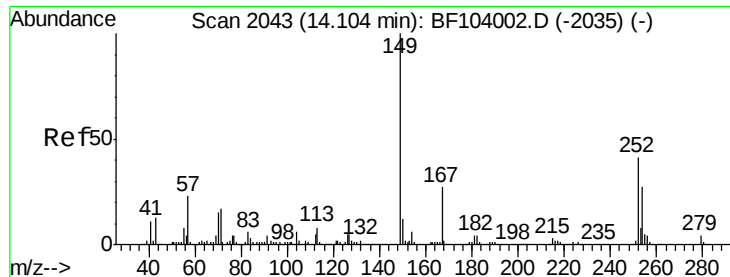
Tot Ion:252 Resp: 200021
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 11.9 11.3 16.9



#82
 Chrysene
 Concen: 42.327 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. 0.01 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Tgt Ion:228 Resp: 925874
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.873 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.00 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

Instrument :

BNA_F

ClientSampleId :

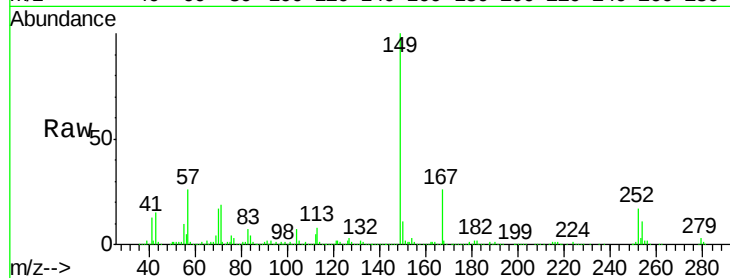
Tot Ion:149 Resp: 638379

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

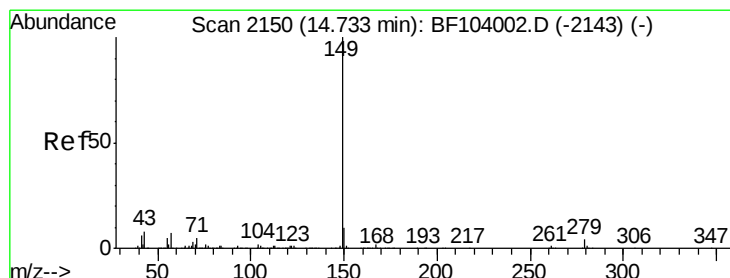
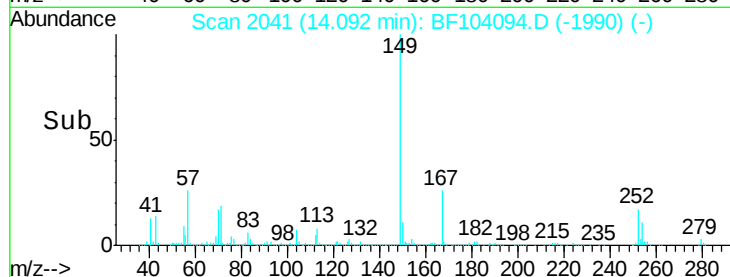
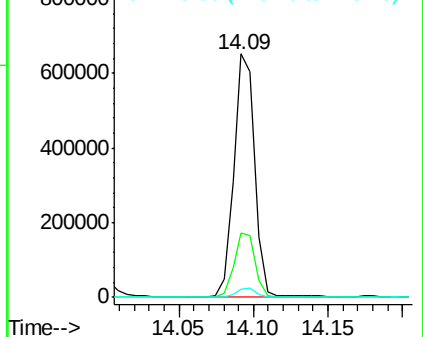
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.385 ng

RT: 14.72 min Scan# 2148

Delta R.T. 0.01 min

Lab File: BF104094.D

Acq: 30 Mar 2018 16:00

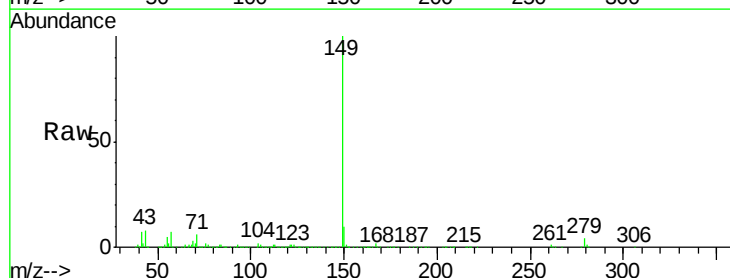
Tgt Ion:149 Resp: 1111872

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

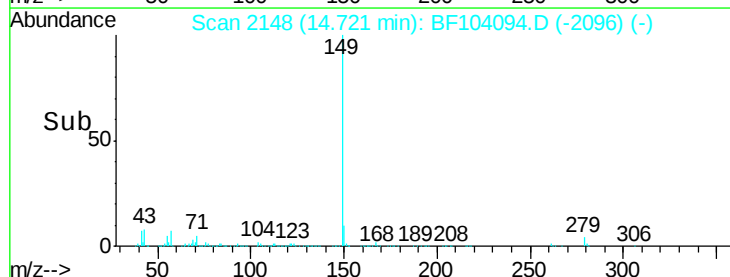
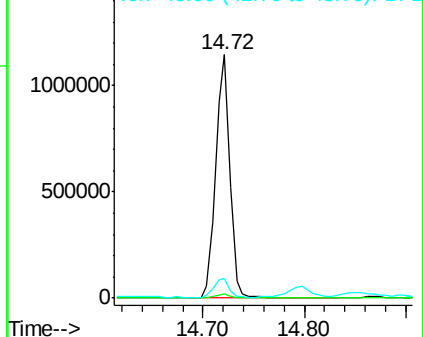
43 8.0 8.4 12.6#

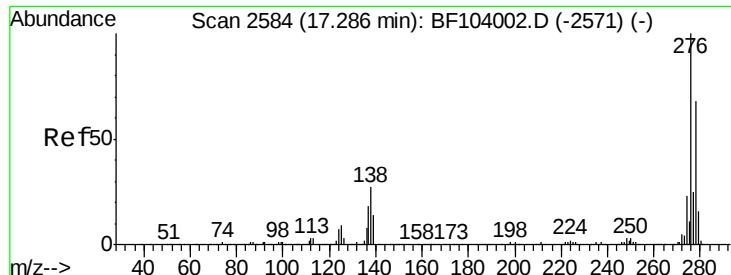


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

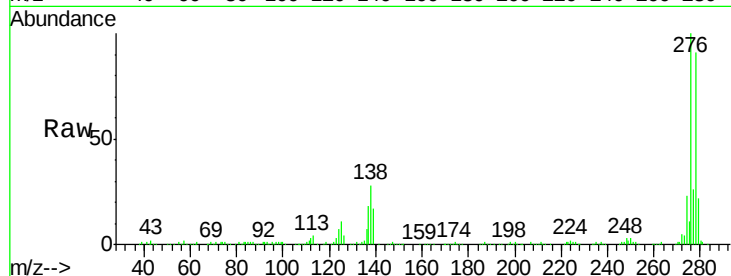




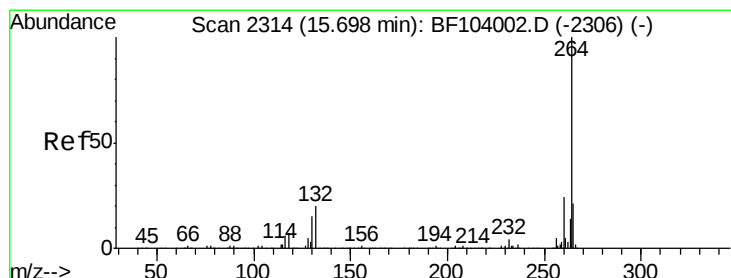
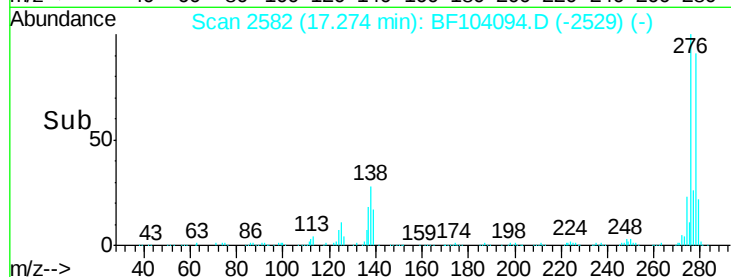
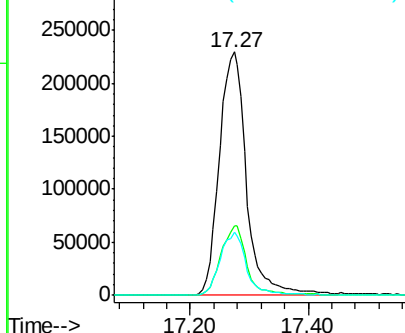
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.483 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	25.6	20.1	30.1

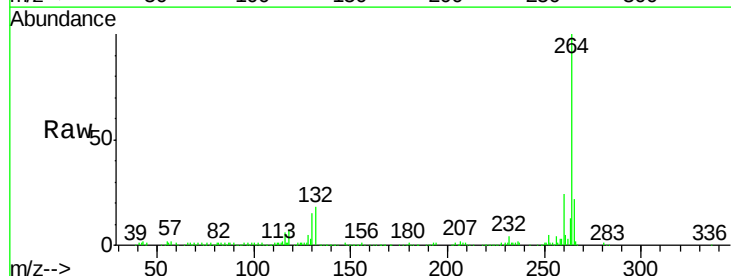


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

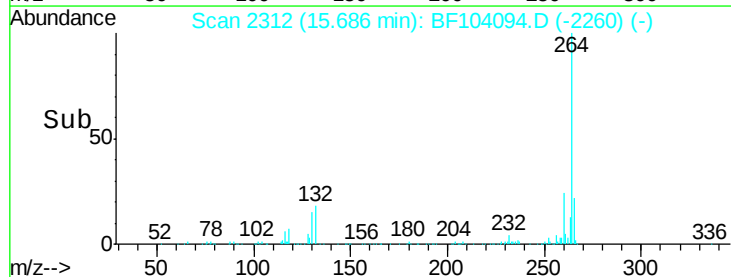
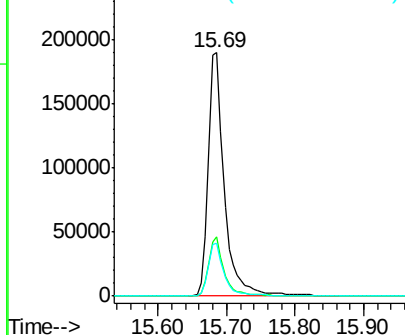


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.5	17.5	26.3



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

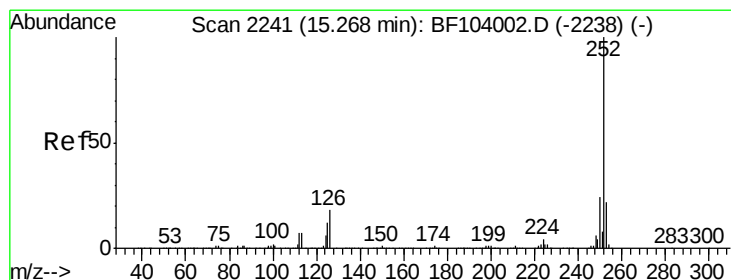
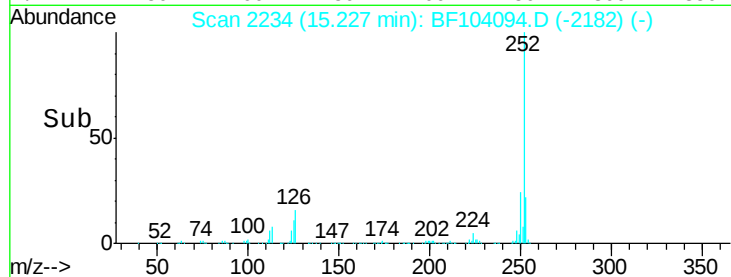
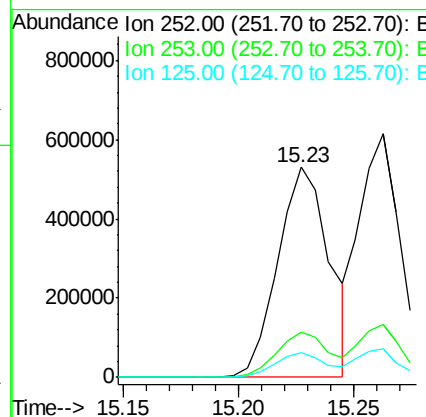
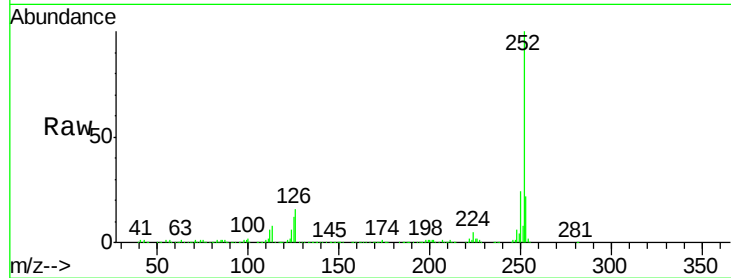




#87
Benzo(b)fluoranthene
Concen: 42.849 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

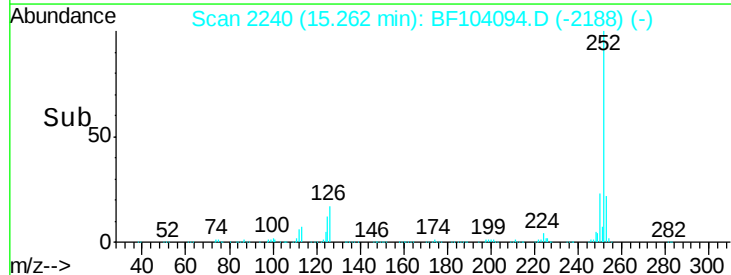
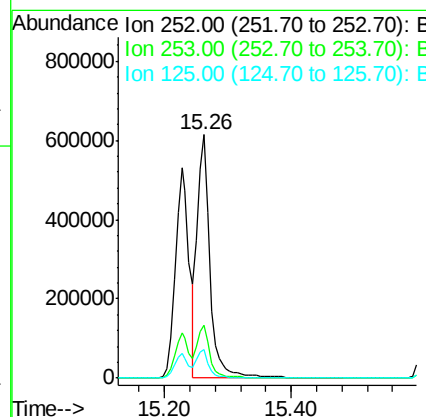
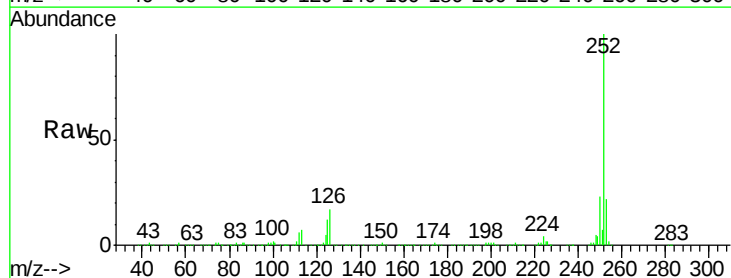
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 821375
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 46.703 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion:252 Resp: 843338
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.9 10.2 15.2

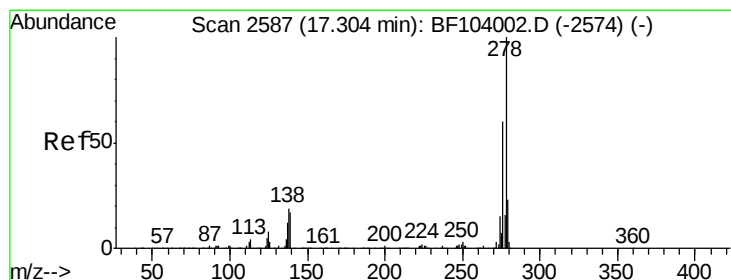
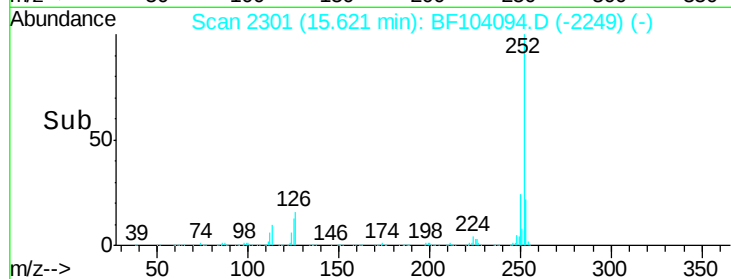
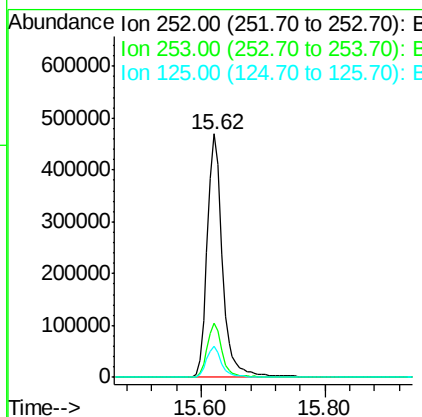
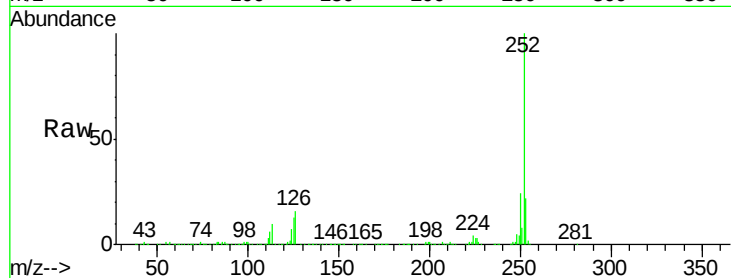




#89
Benzo(a)pyrene
Concen: 44.581 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

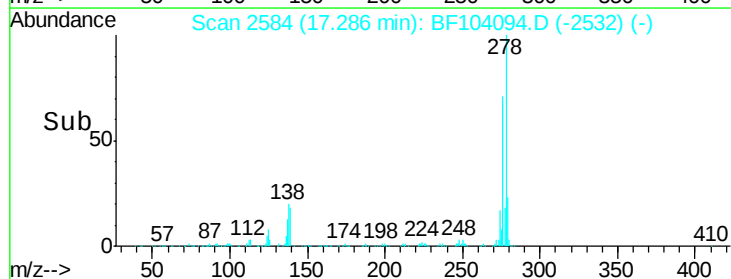
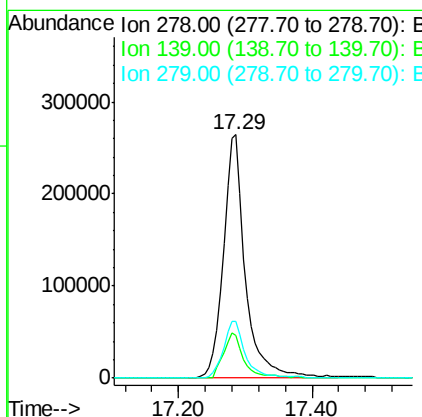
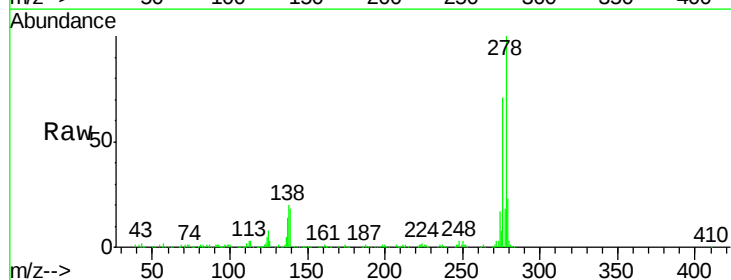
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 791920
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 12.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 37.411 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BF104094.D
Acq: 30 Mar 2018 16:00

Tgt Ion:278 Resp: 614432
Ion Ratio Lower Upper
278 100
139 17.5 15.9 23.9
279 23.3 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.377 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. 0.01 min
 Lab File: BF104094.D
 Acq: 30 Mar 2018 16:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	23.0	21.8	32.8

