

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104104.D
 Acq On : 30 Mar 2018 20:27
 Operator : JU/SJ
 Sample : PB107829BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 23:09:07 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	120083	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	518668	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	239934	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	444807	20.00	ng	0.00
75) Chrysene-d12	14.14	240	306143	20.00	ng	0.00
86) Perylene-d12	15.68	264	246565	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	938456	124.63	ng	0.02
7) Phenol-d6	6.60	99	1156253	124.81	ng	0.00
23) Nitrobenzene-d5	7.53	82	731188	86.21	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	335019	125.40	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1437712	94.49	ng	0.00
78) Terphenyl-d14	13.07	244	1365287	102.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	115014	35.415	ng	# 86
3) Pyridine	3.67	79	258758	31.473	ng	# 85
4) n-Nitrosodimethylamine	3.65	42	75502	30.896	ng	# 74
6) Aniline	6.63	93	237933	21.454	ng	# 83
8) 2-Chlorophenol	6.75	128	381361	46.170	ng	94
9) Benzaldehyde	6.52	77	110404	19.571	ng	96
10) Phenol	6.61	94	422876	41.198	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	382845	43.283	ng	93
12) 1,3-Dichlorobenzene	6.90	146	373115	40.185	ng	99
13) 1,4-Dichlorobenzene	6.97	146	426813	42.901	ng	99
14) 1,2-Dichlorobenzene	7.13	146	386192	43.188	ng	98
15) Benzyl Alcohol	7.10	79	257068	42.679	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	404996	42.028	ng	53
17) 2-Methylphenol	7.21	107	291804	43.406	ng	# 88
18) Hexachloroethane	7.46	117	143048	42.945	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	241224	43.876	ng	94
20) 3+4-Methylphenols	7.36	107	391048	45.577	ng	# 70
22) Acetophenone	7.37	105	519130	41.368	ng	# 98
24) Nitrobenzene	7.55	77	352023	39.449	ng	96
25) Isophorone	7.77	82	686720	43.936	ng	98
26) 2-Nitrophenol	7.86	139	211860	45.483	ng	93
27) 2,4-Dimethylphenol	7.89	122	333670	49.669	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	454634	46.410	ng	99
29) 2,4-Dichlorophenol	8.10	162	322737	45.995	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	338857	42.563	ng	98
31) Naphthalene	8.26	128	1113210	43.933	ng	100
32) Benzoic acid	8.03	122	147763	30.025	ng	91
33) 4-Chloroaniline	8.32	127	109720	10.271	ng	94
34) Hexachlorobutadiene	8.36	225	178384	41.175	ng	98
35) Caprolactam	8.69	113	47100	21.170	ng	# 78
36) 4-Chloro-3-methylphenol	8.80	107	336204	45.300	ng	98
37) 2-Methylnaphthalene	8.95	142	723973	43.376	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	330416	44.908	ng	99
40) Hexachlorocyclopentadiene	9.10	237	272912	78.883	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

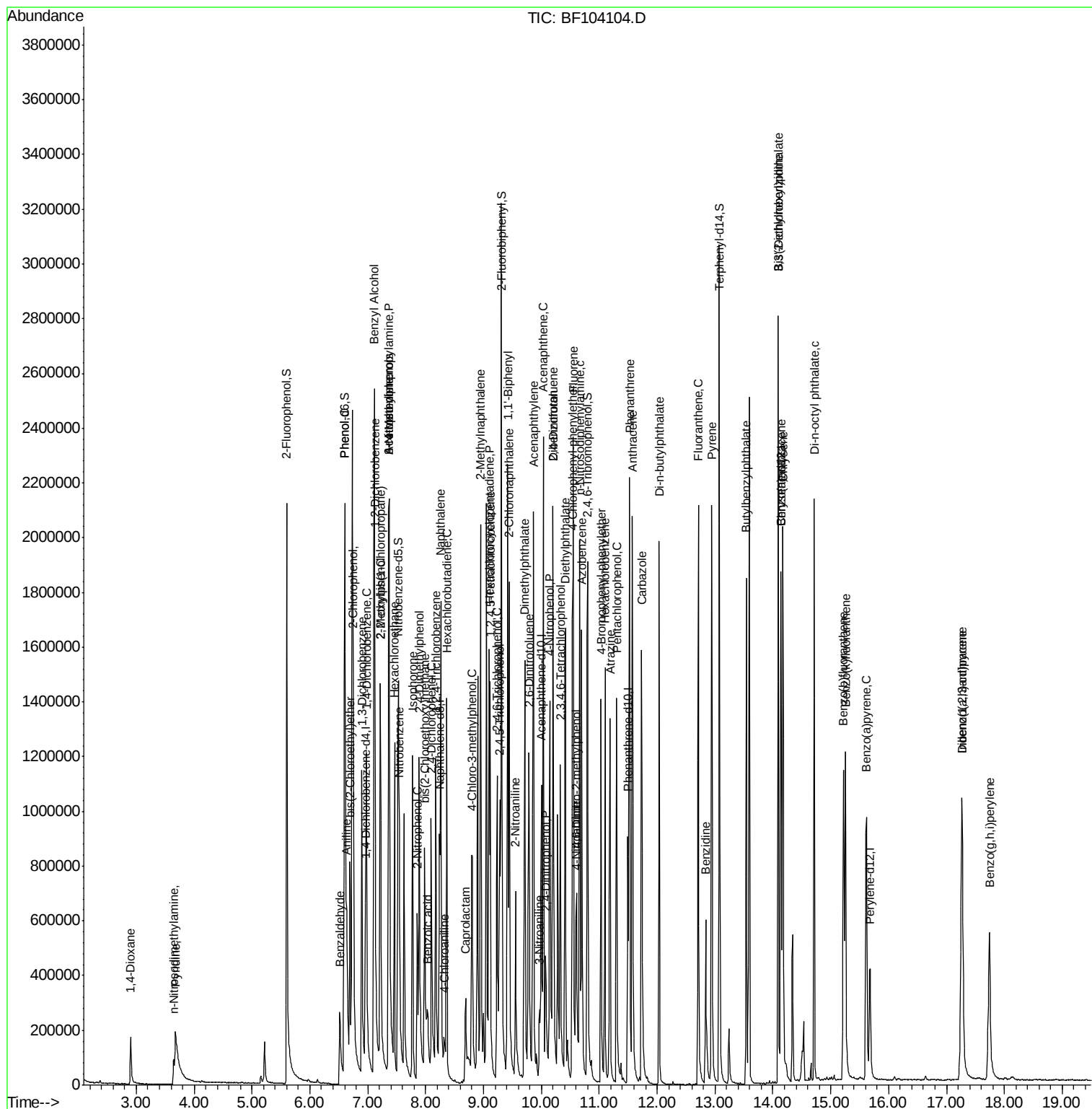
42) 2,4,6-Trichlorophenol	9.23	196	199171	42.750	ng	100
43) 2,4,5-Trichlorophenol	9.28	196	235749	41.908	ng	95
45) 1,1'-Biphenyl	9.42	154	888049	43.124	ng	99
46) 2-Chloronaphthalene	9.45	162	701942	43.213	ng	99
47) 2-Nitroaniline	9.55	65	194766	42.049	ng	92
48) Acenaphthylene	9.86	152	1023955	41.609	ng	99
49) Dimethylphthalate	9.72	163	802624	42.369	ng	100
50) 2,6-Dinitrotoluene	9.79	165	175355	43.026	ng	95
51) Acenaphthene	10.03	154	582616	40.925	ng	99
52) 3-Nitroaniline	9.97	138	92116	19.662	ng	97
53) 2,4-Dinitrophenol	10.07	184	97321	56.460	ng	# 29
54) Dibenzofuran	10.21	168	900736	43.328	ng	99
55) 4-Nitrophenol	10.14	139	206977	73.680	ng	98
56) 2,4-Dinitrotoluene	10.20	165	225964	43.450	ng	# 97
57) Fluorene	10.55	166	727354	42.415	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	207089	49.136	ng	# 83
59) Diethylphthalate	10.42	149	769015	42.375	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	349172	44.333	ng	93
61) 4-Nitroaniline	10.59	138	164842	37.603	ng	95
62) Azobenzene	10.70	77	713023	43.451	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	84477	31.375	ng	79
65) n-Nitrosodiphenylamine	10.66	169	642766	42.669	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	207711	43.648	ng	96
67) Hexachlorobenzene	11.10	284	229907	41.999	ng	# 90
68) Atrazine	11.19	200	207447	44.951	ng	99
69) Pentachlorophenol	11.30	266	210117	69.754	ng	98
70) Phenanthrene	11.52	178	996180	41.366	ng	98
71) Anthracene	11.57	178	1107021	44.008	ng	99
72) Carbazole	11.73	167	995259	41.455	ng	98
73) Di-n-butylphthalate	12.04	149	1184811	41.430	ng	99
74) Fluoranthene	12.71	202	1051333	41.070	ng	99
76) Benzidine	12.84	184	394574	45.227	ng	98
77) Pyrene	12.94	202	1039768	47.246	ng	99
79) Butylbenzylphthalate	13.54	149	494229	47.668	ng	92
80) Benzo(a)anthracene	14.13	228	820655	42.841	ng	100
81) 3,3'-Dichlorobenzidine	14.09	252	134775	21.256	ng	99
82) Chrysene	14.17	228	824544	43.947	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	665612	49.686	ng	99
84) Di-n-octyl phthalate	14.72	149	1098324	47.661	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.26	276	715031	36.777	ng	96
87) Benzo(b)fluoranthene	15.22	252	658893	43.910	ng	99
88) Benzo(k)fluoranthene	15.26	252	674704	47.731	ng	98
89) Benzo(a)pyrene	15.62	252	632453	45.482	ng	99
90) Dibenzo(a,h)anthracene	17.27	278	601173	46.760	ng	96
91) Benzo(g,h,i)perylene	17.74	276	596004	46.282	ng	95

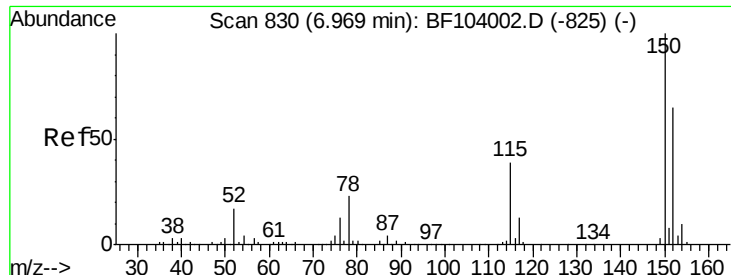
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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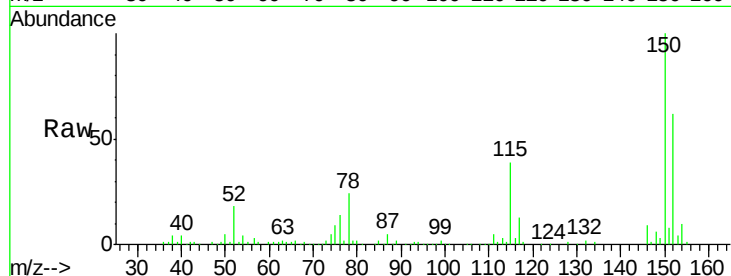


#1

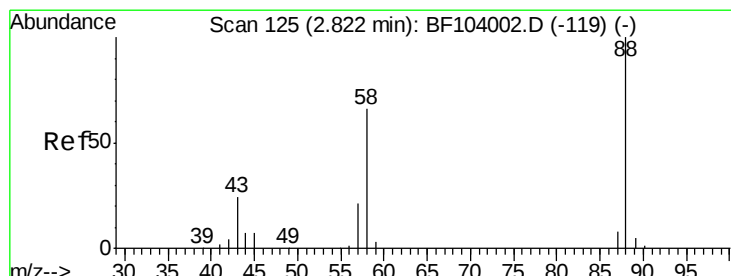
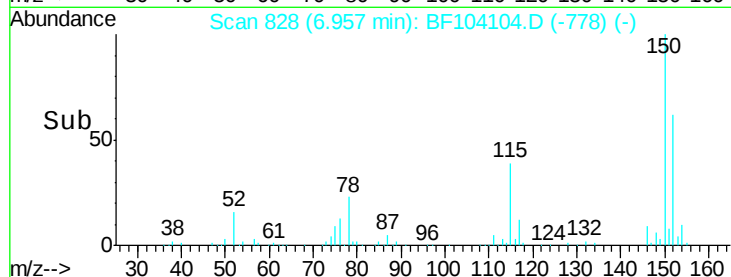
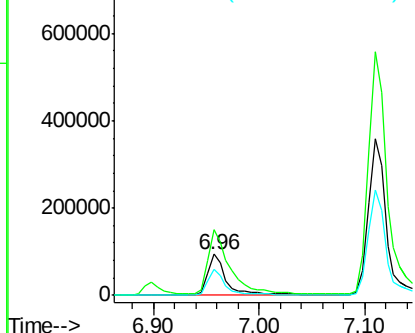
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120083
Ion Ratio Lower Upper
152 100
150 162.3 124.6 186.8
115 62.6 50.1 75.1



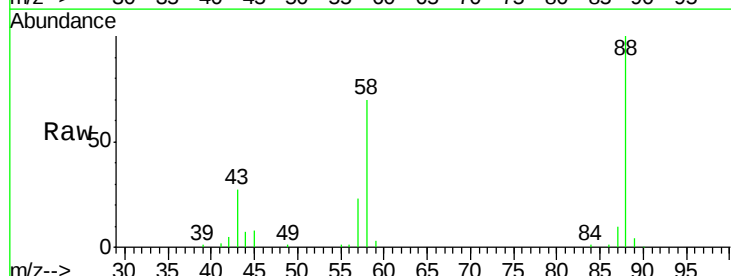
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



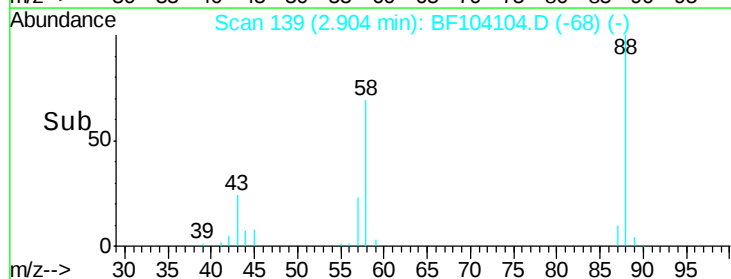
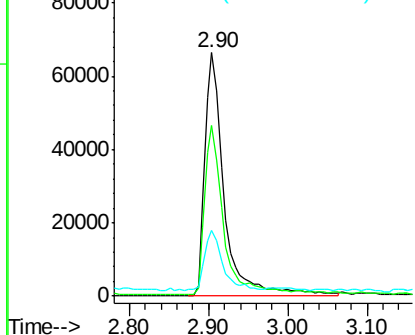
#2

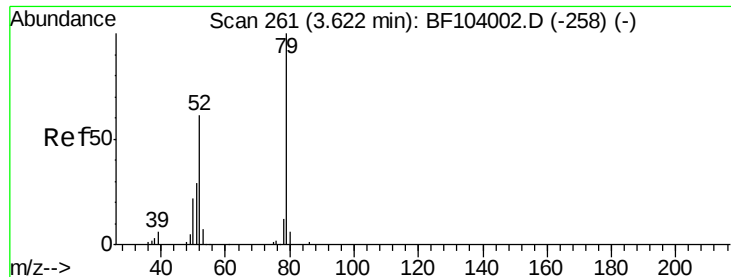
1,4-Dioxane
Concen: 35.415 ng
RT: 2.90 min Scan# 139
Delta R.T. 0.12 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion: 88 Resp: 115014
Ion Ratio Lower Upper
88 100
58 66.4 62.6 93.8
43 22.2 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: 31.473 ng

RT: 3.67 min Scan# 270

Delta R.T. 0.08 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampleId :

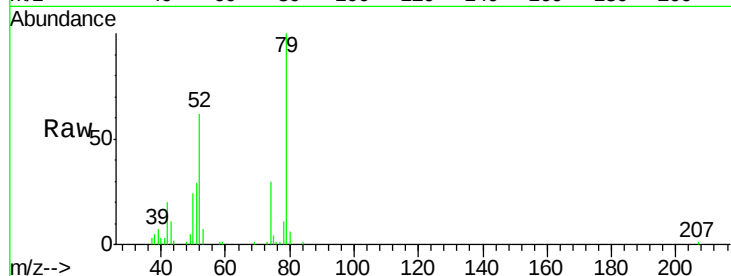
Tot Ion: 79 Resp: 258758

Ion Ratio Lower Upper

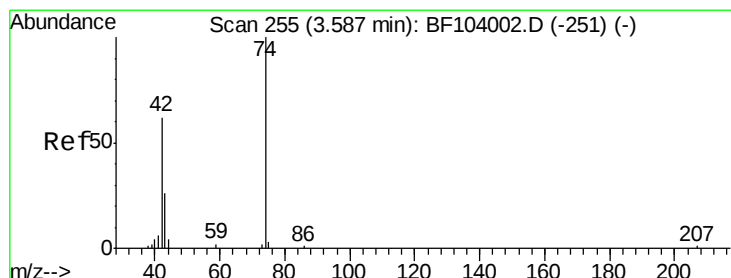
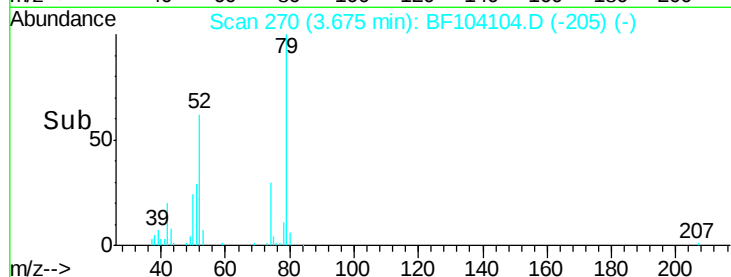
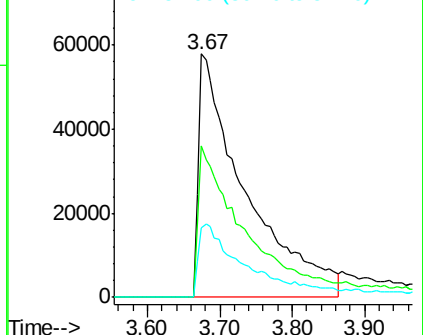
79 100

52 62.3 59.8 89.6

51 28.7 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: 30.896 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.08 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

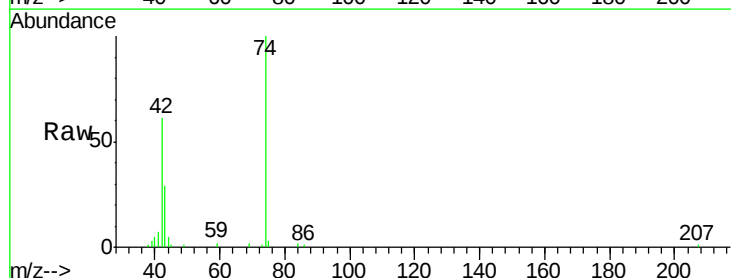
Tgt Ion: 42 Resp: 75502

Ion Ratio Lower Upper

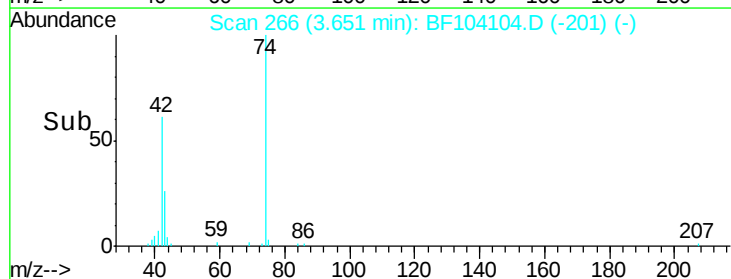
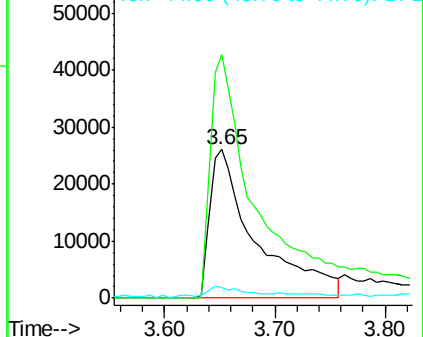
42 100

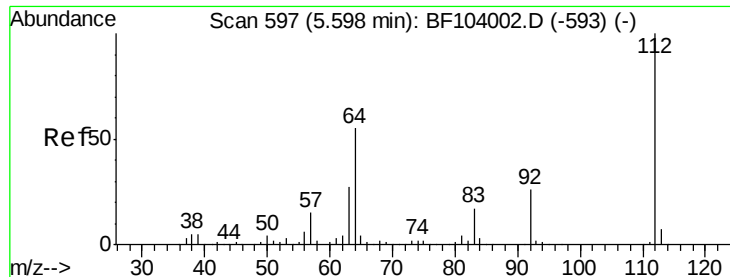
74 163.7 104.9 157.3#

44 7.4 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: 124.630 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.02 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampleId :

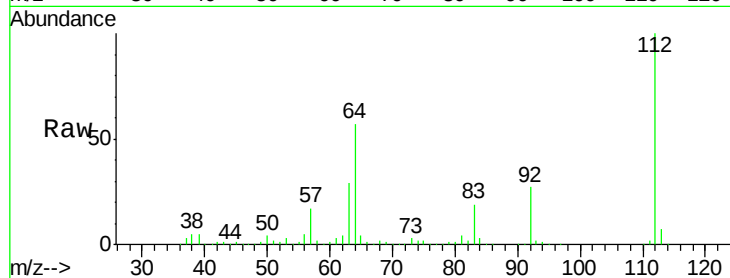
Tot Ion:112 Resp: 938456

Ion Ratio Lower Upper

112 100

64 57.1 47.9 71.9

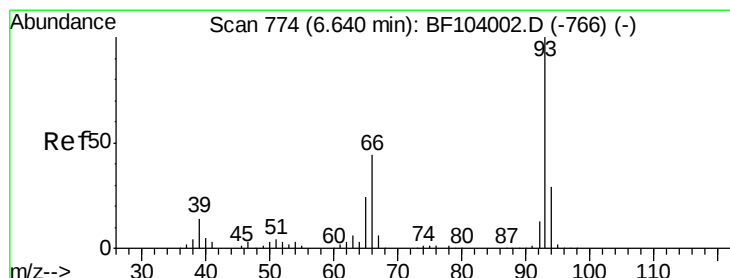
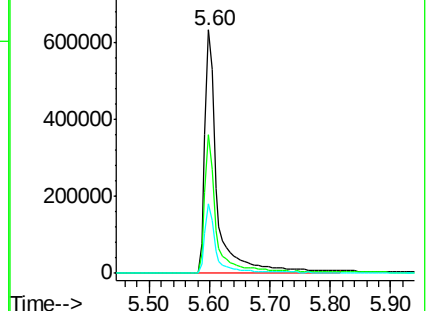
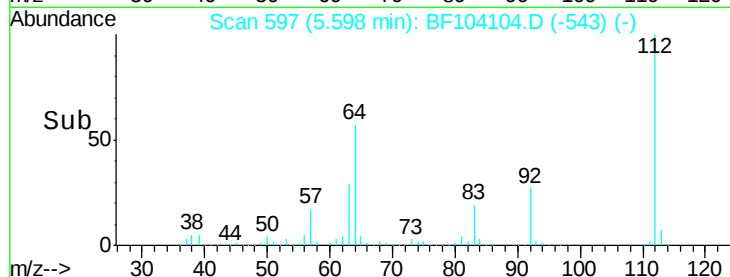
63 28.5 23.7 35.5



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: 21.454 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

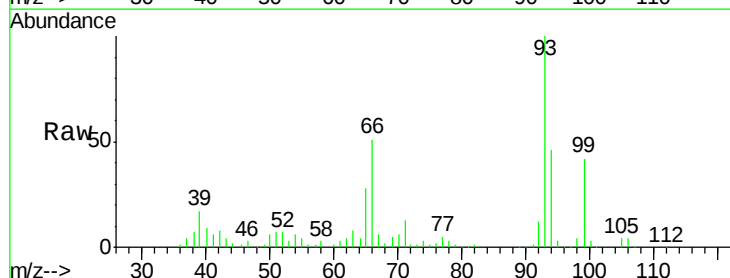
Tgt Ion: 93 Resp: 237933

Ion Ratio Lower Upper

93 100

66 51.5 32.2 48.2#

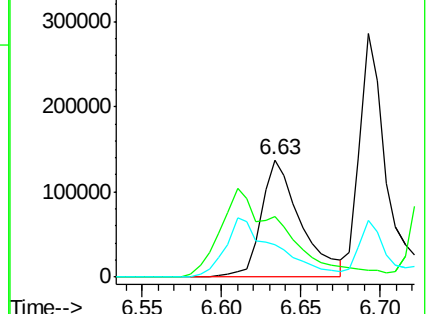
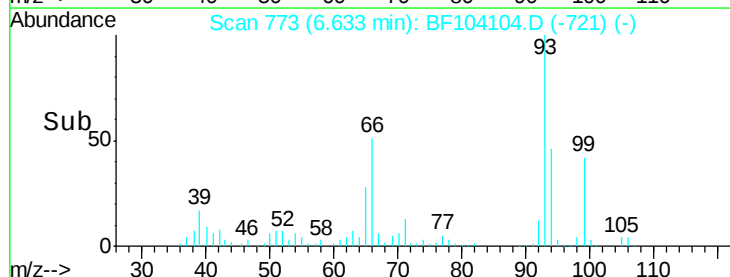
65 27.9 16.4 24.6#

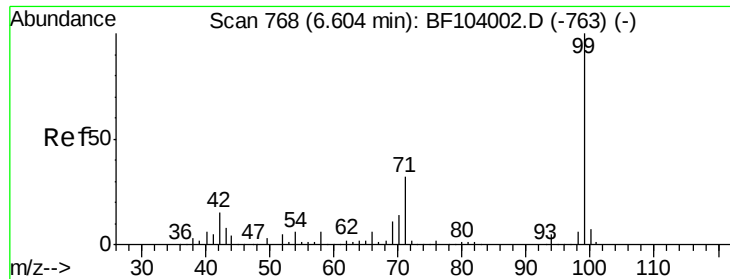


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.811 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

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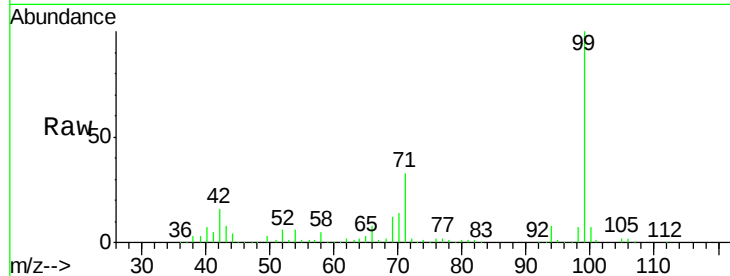
Tot Ion: 99 Resp: 1156253

Ion Ratio Lower Upper

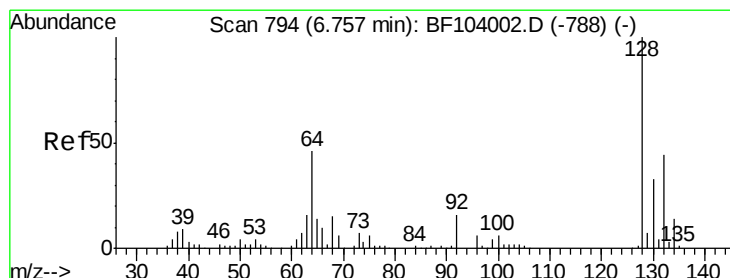
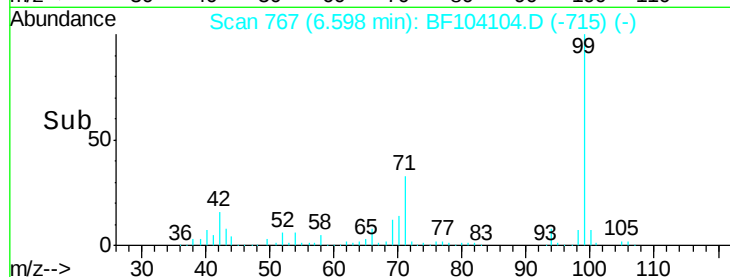
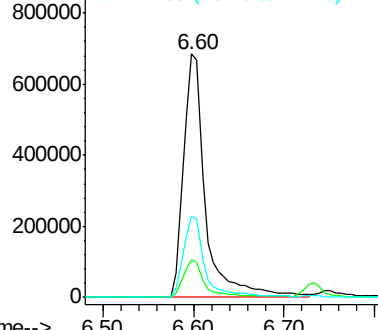
99 100

42 15.6 14.5 21.7

71 33.4 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: 46.170 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

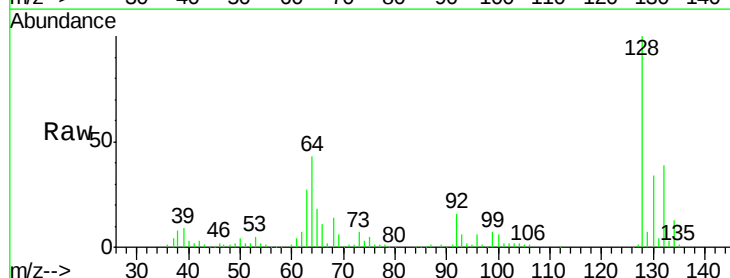
Tgt Ion:128 Resp: 381361

Ion Ratio Lower Upper

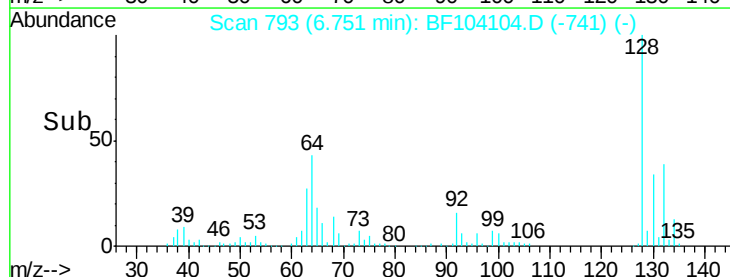
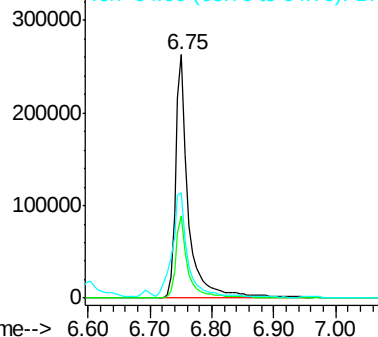
128 100

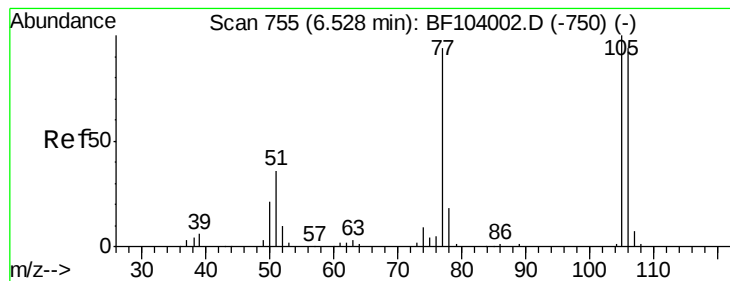
130 33.8 13.0 53.0

64 43.4 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: 19.571 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

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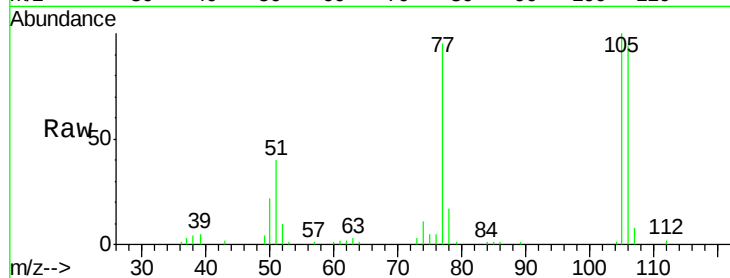
Tot Ion: 77 Resp: 110404

Ion Ratio Lower Upper

77 100

105 104.9 81.1 121.1

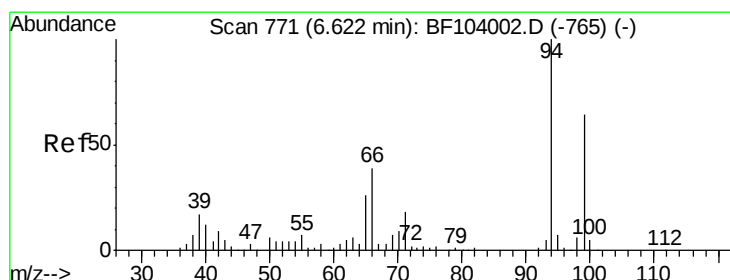
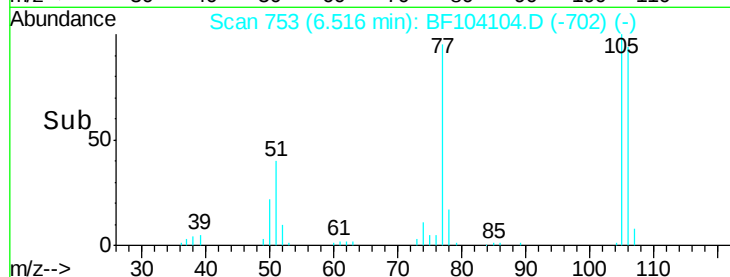
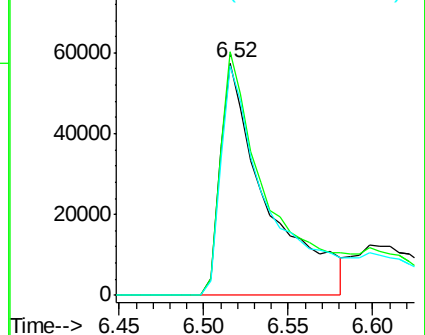
106 99.1 74.5 114.5



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: 41.198 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

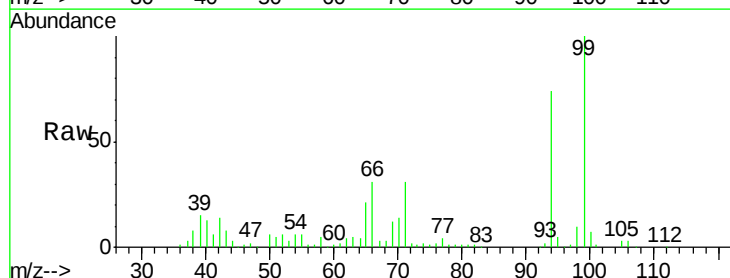
Tgt Ion: 94 Resp: 422876

Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

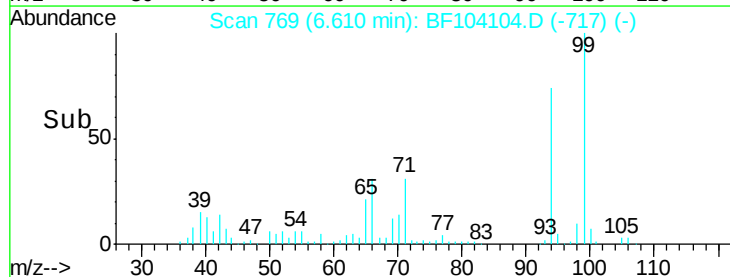
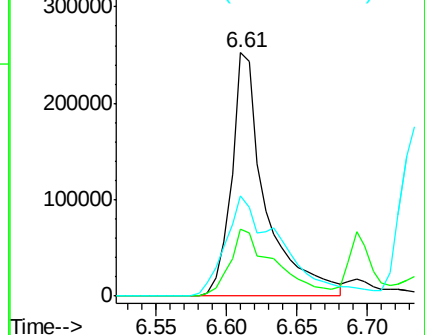
66 41.2 16.2 56.2

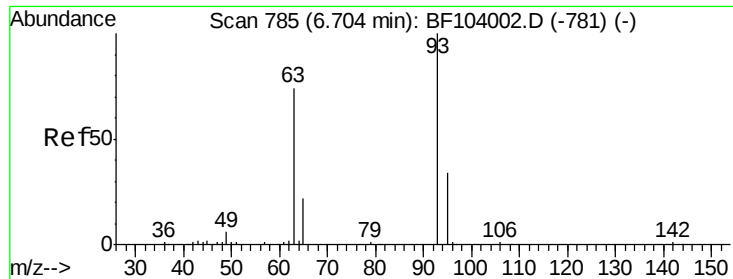


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.283 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampleId :

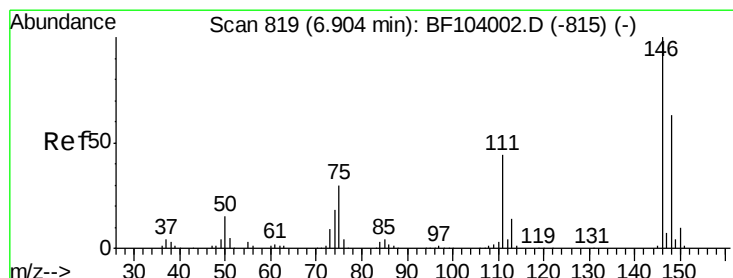
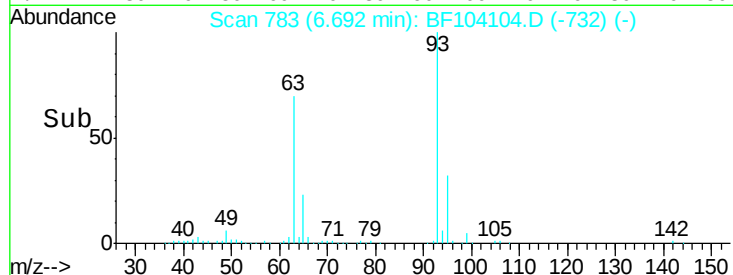
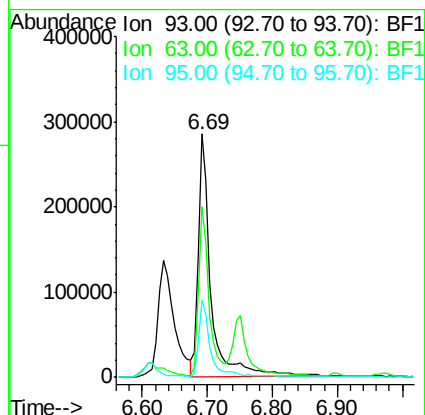
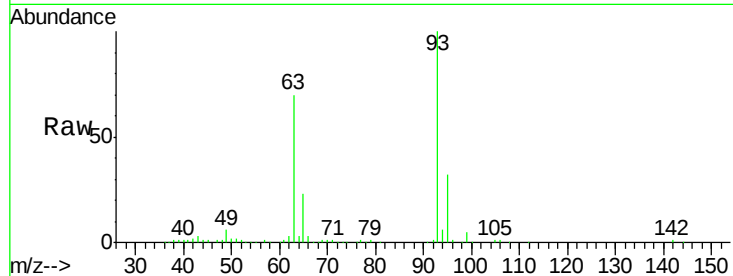
Tot Ion: 93 Resp: 382845

Ion Ratio Lower Upper

93 100

63 69.9 58.6 98.6

95 31.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.185 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

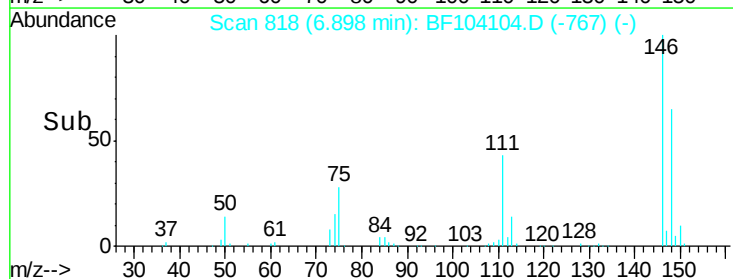
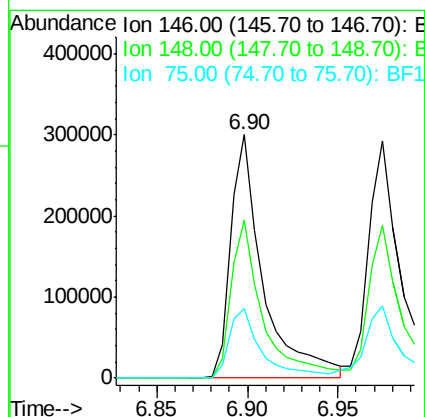
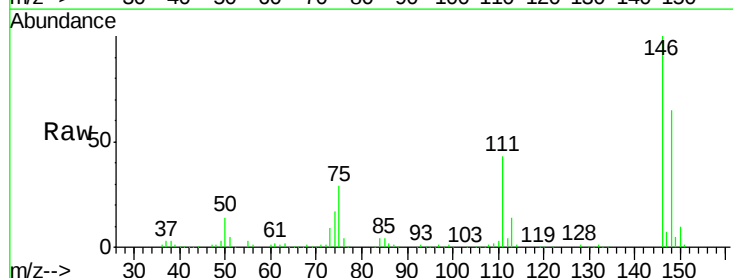
Tgt Ion: 146 Resp: 373115

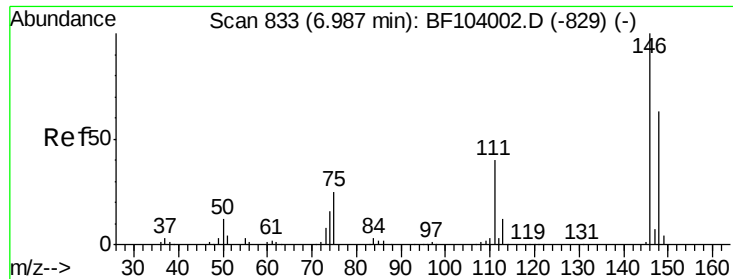
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.8

75 28.5 24.2 36.4

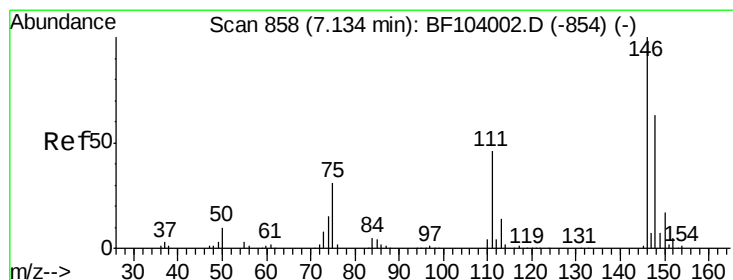
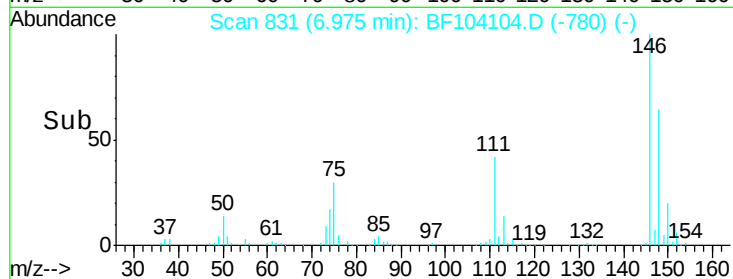
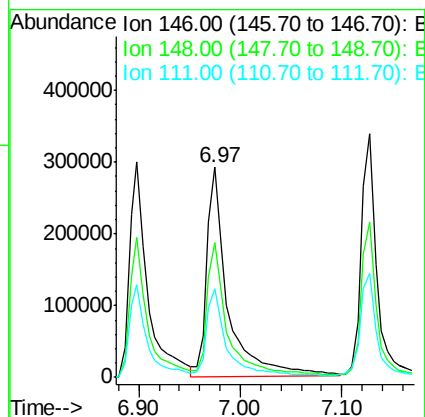
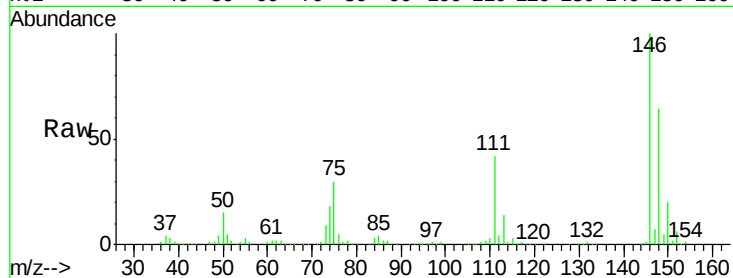




#13
 1,4-Dichlorobenzene
 Concen: 42.901 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

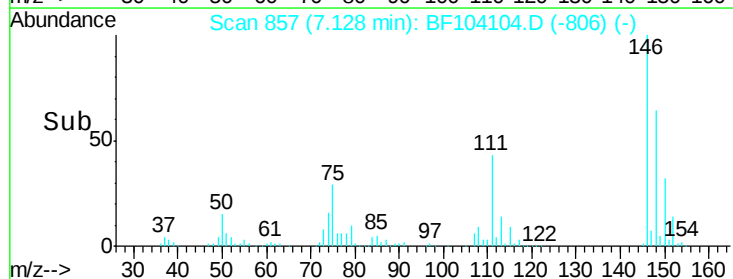
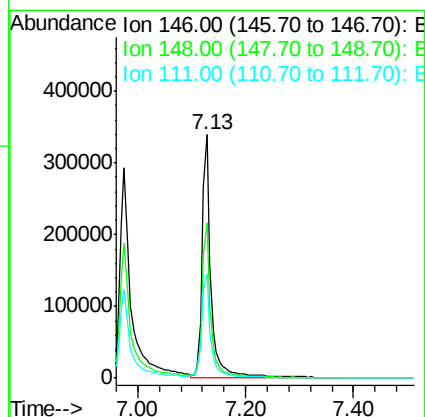
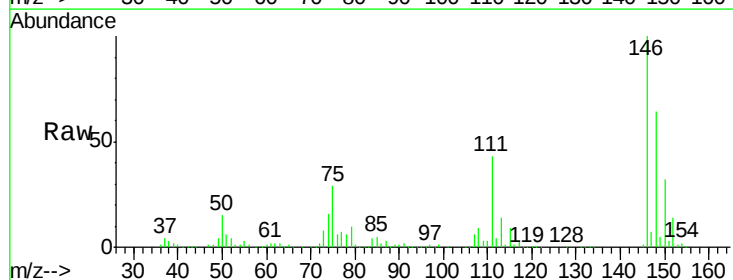
Instrument :
 BNA_F
 ClientSampleId :

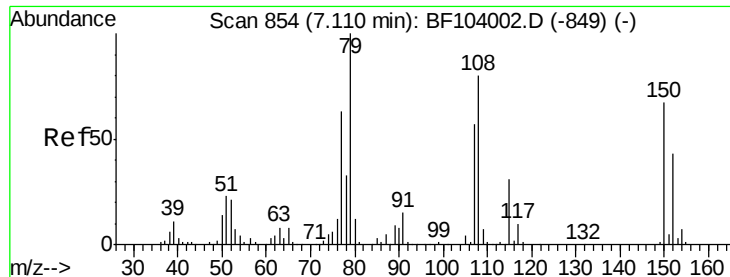
Tot Ion:146 Resp: 426813
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 42.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.188 ng
 RT: 7.13 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion:146 Resp: 386192
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 75.8
 111 43.0 36.0 54.0

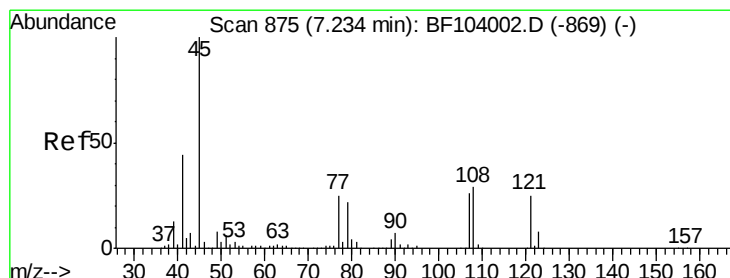
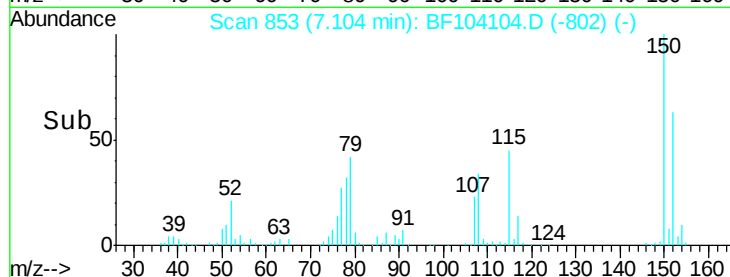
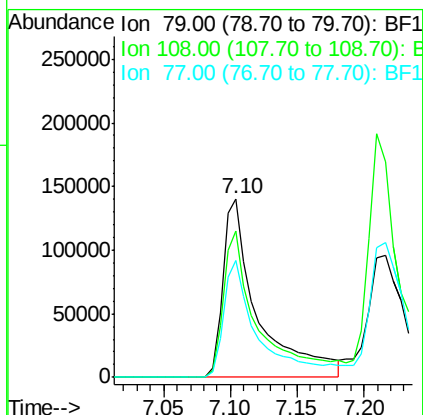
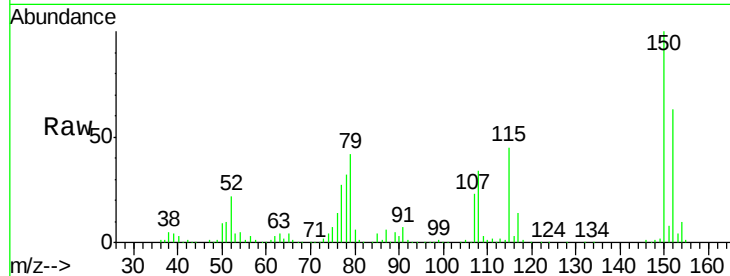




#15
Benzyl Alcohol
Concen: 42.679 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

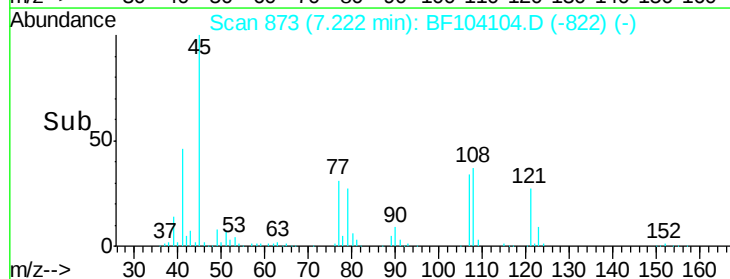
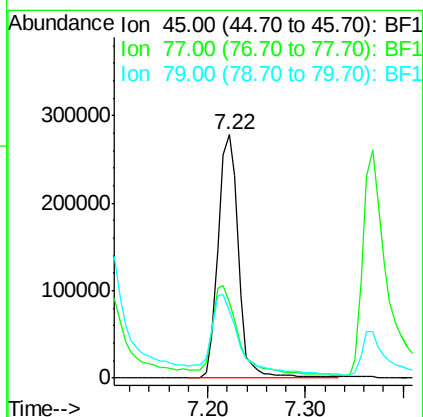
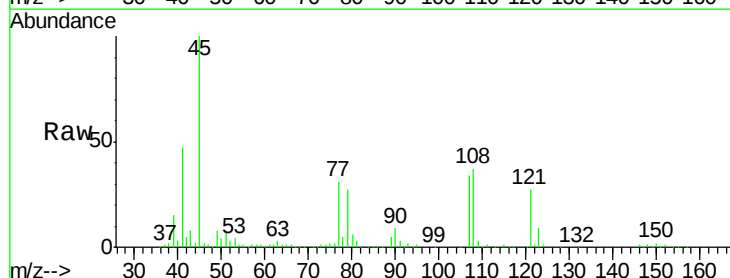
Instrument :
BNA_F
ClientSampleId :

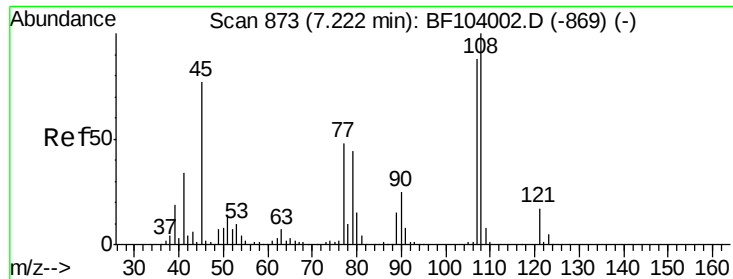
Tot Ion: 79 Resp: 257068
Ion Ratio Lower Upper
79 100
108 81.8 65.1 97.7
77 65.5 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.028 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion: 45 Resp: 404996
Ion Ratio Lower Upper
45 100
77 31.0 0.0 32.9
79 27.4 0.0 29.6





#17

2-Methylphenol

Concen: 43.406 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 291804

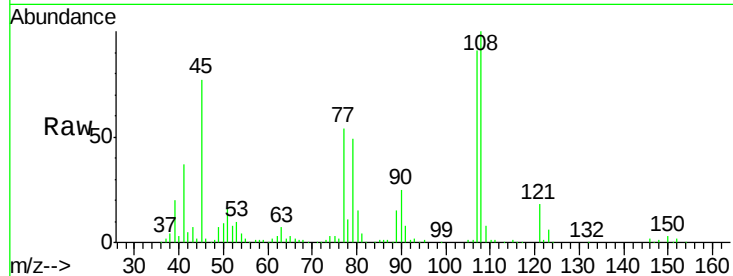
Ion Ratio Lower Upper

107 100

108 110.4 91.7 137.5

77 59.1 33.8 50.8#

79 54.3 33.8 50.8#

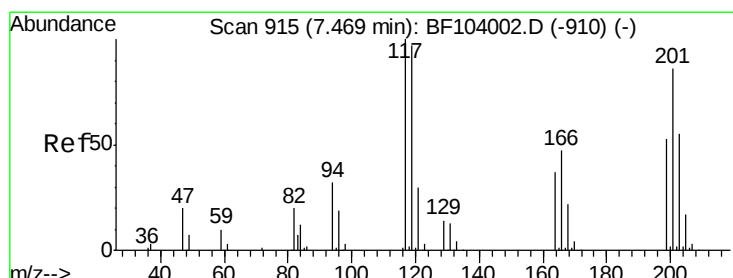
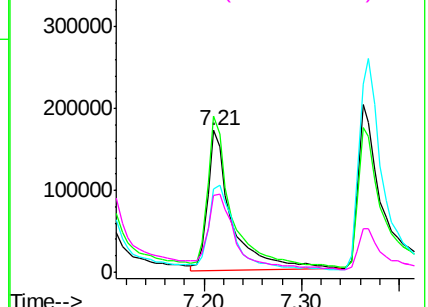
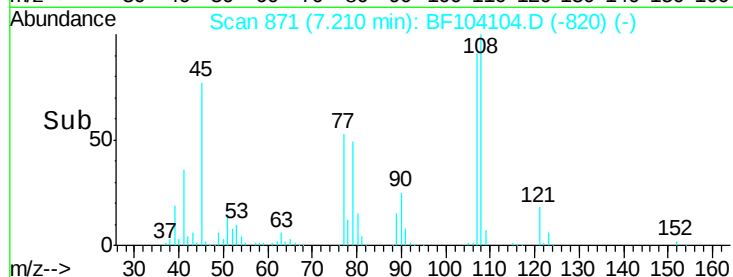


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.945 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

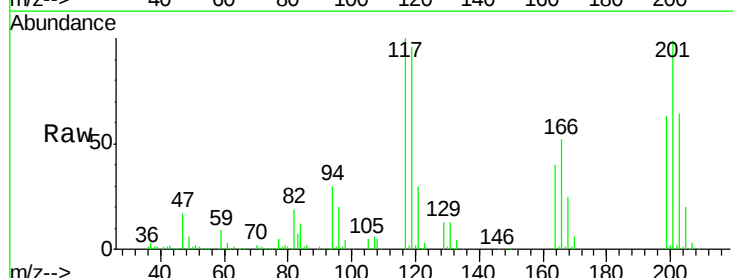
Tgt Ion:117 Resp: 143048

Ion Ratio Lower Upper

117 100

119 96.5 75.8 113.8

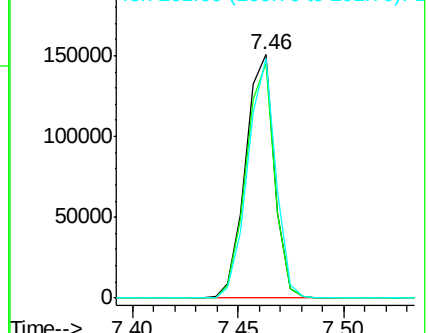
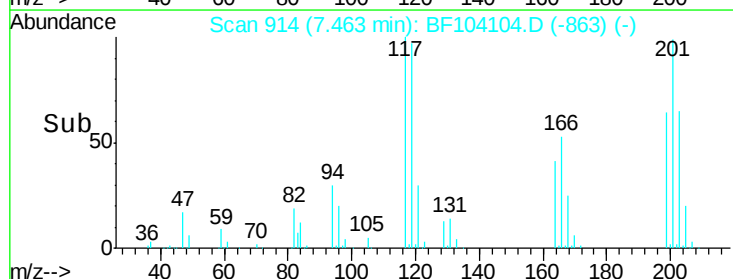
201 98.6 75.7 113.5

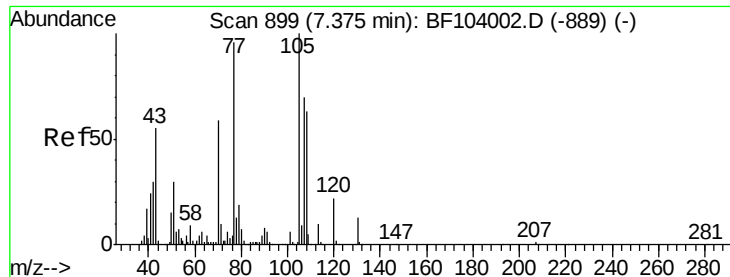


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

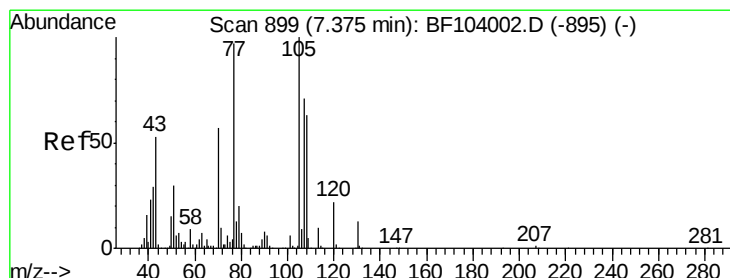
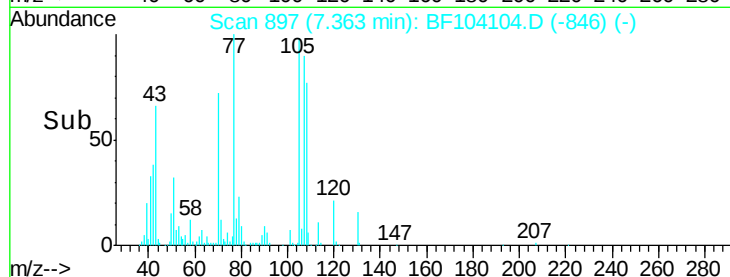
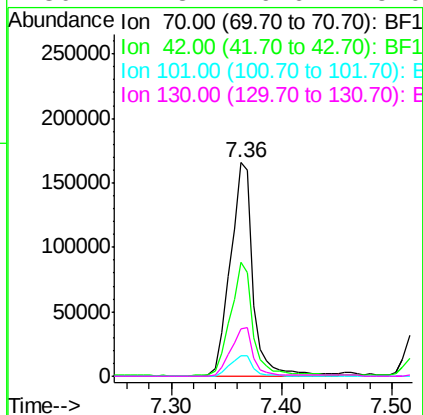
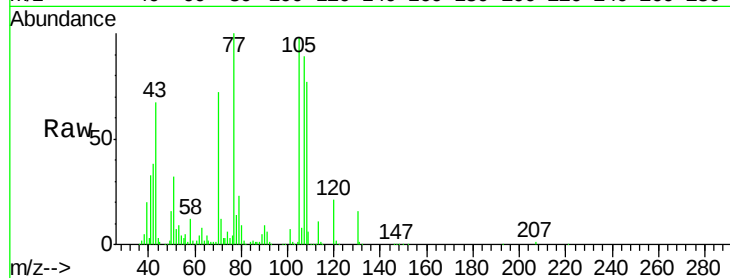




#19
n-Nitroso-di-n-propylamine
Concen: 43.876 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

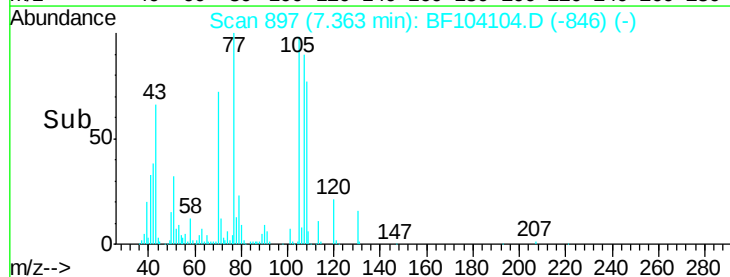
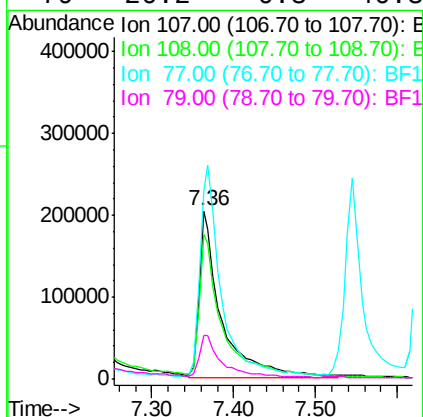
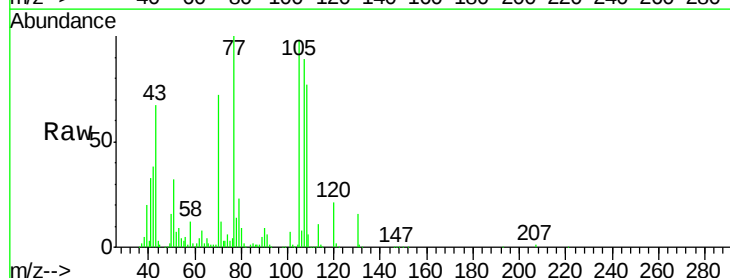
Instrument :
BNA_F
ClientSampleId :

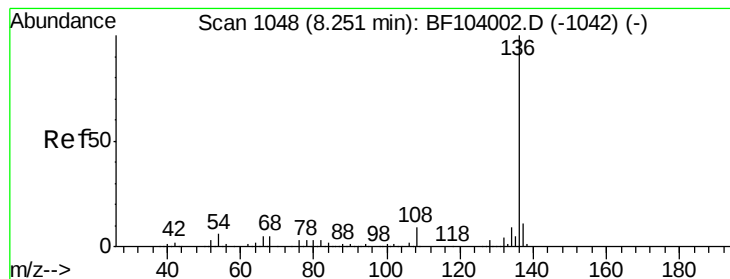
Tot Ion: 70 Resp: 241224
Ion Ratio Lower Upper
70 100
42 53.2 47.5 71.3
101 9.7 7.4 11.2
130 22.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.577 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:107 Resp: 391048
Ion Ratio Lower Upper
107 100
108 86.2 68.2 108.2
77 111.9 26.7 66.7#
79 26.2 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: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 518668

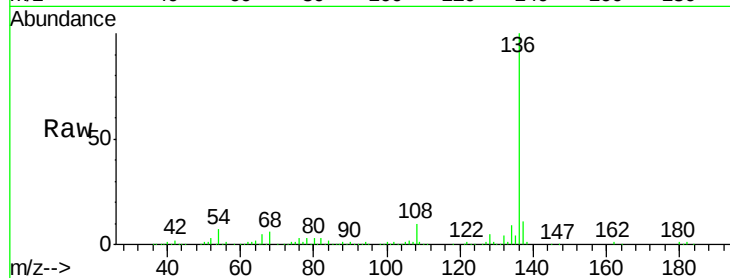
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

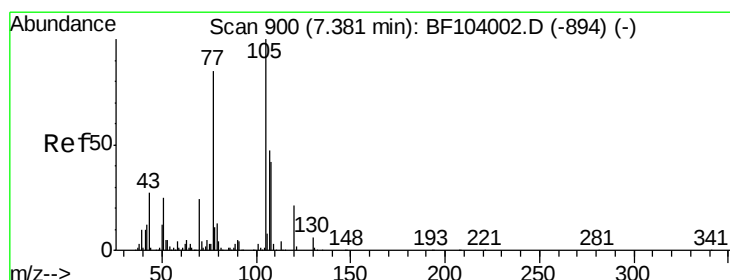
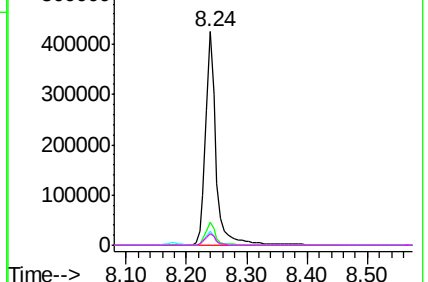
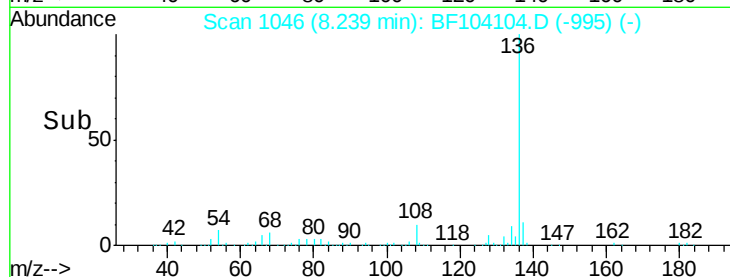


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.368 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Tgt Ion:105 Resp: 519130

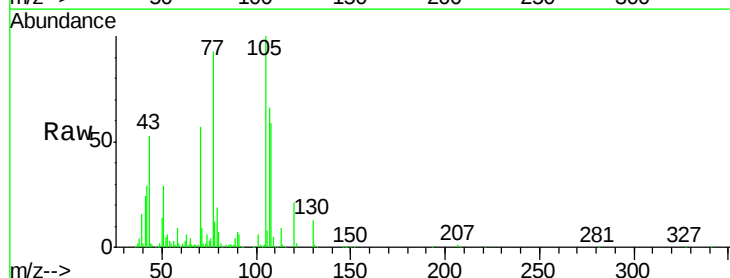
Ion Ratio Lower Upper

105 100

71 9.4 4.4 6.6#

51 29.0 22.3 33.5

120 21.2 16.9 25.3

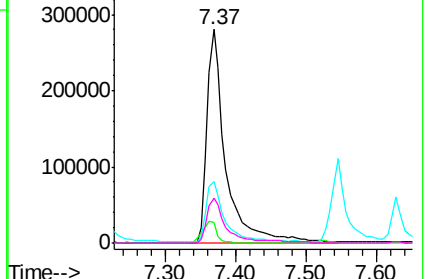
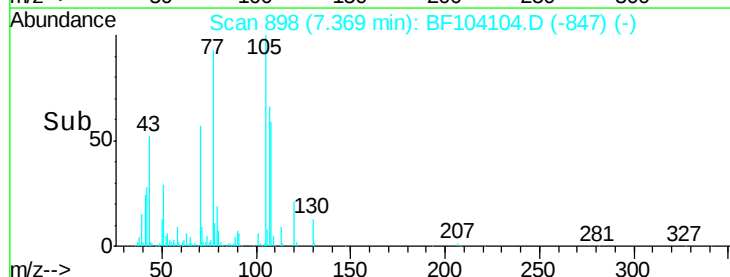


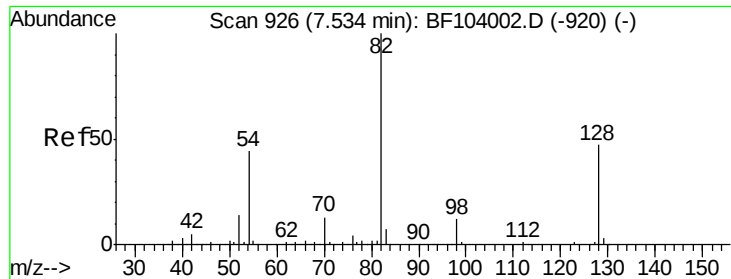
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

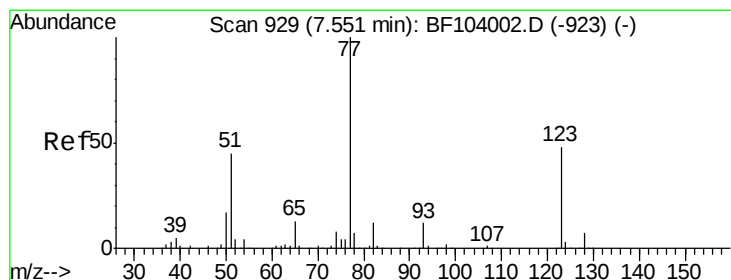
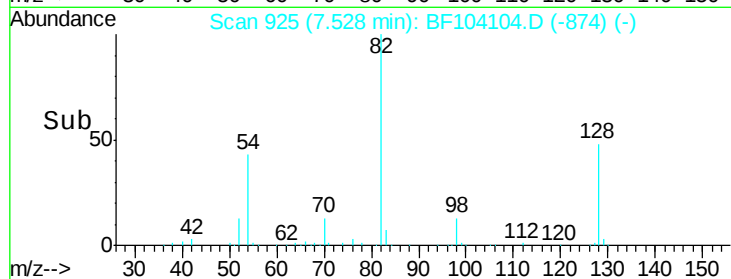
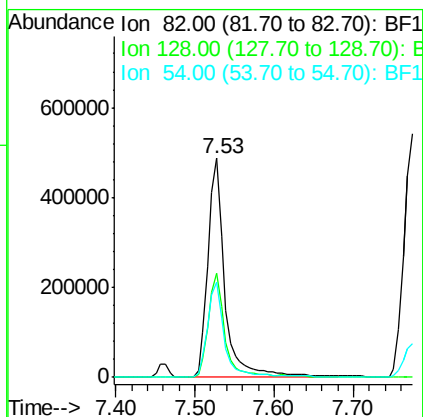
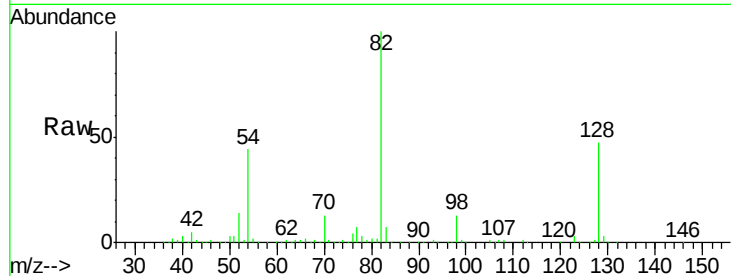




#23
 Nitrobenzene-d5
 Concen: 86.213 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

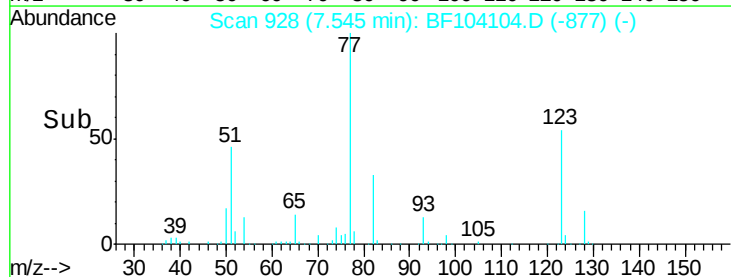
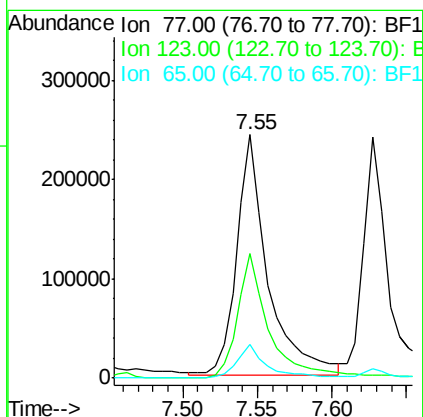
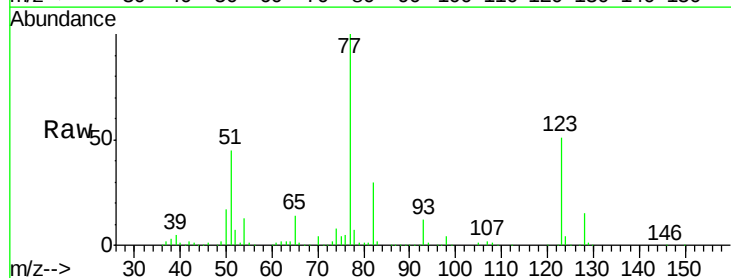
Instrument :
 BNA_F
 ClientSampleId :

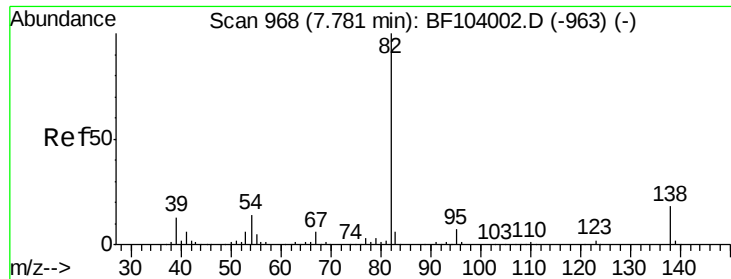
Tot Ion: 82 Resp: 731188
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.1 54.1
 54 43.6 41.4 62.2



#24
 Nitrobenzene
 Concen: 39.449 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion: 77 Resp: 352023
 Ion Ratio Lower Upper
 77 100
 123 50.9 37.9 56.9
 65 13.6 11.0 16.4

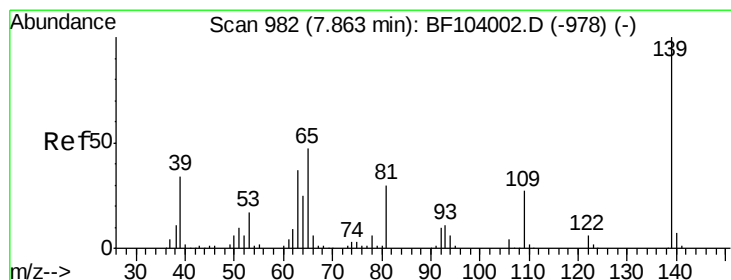
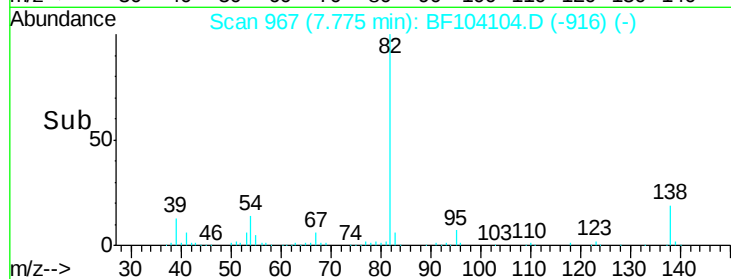
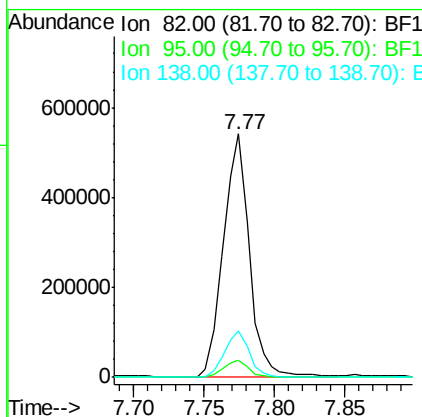
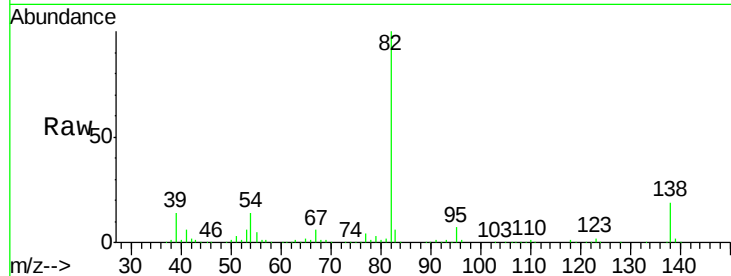




#25
Isophorone
Concen: 43.936 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

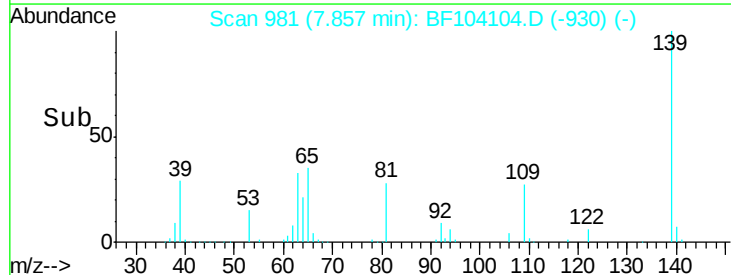
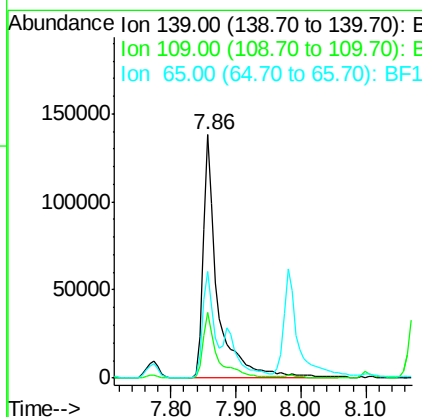
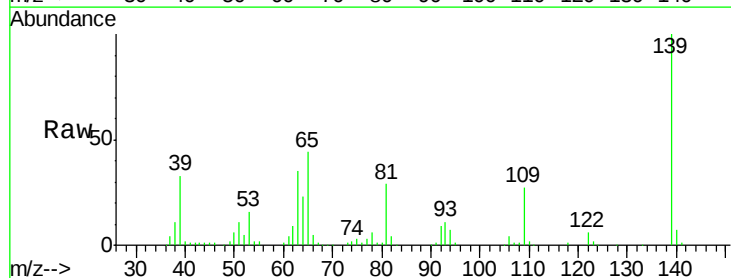
Instrument :
BNA_F
ClientSampleId :

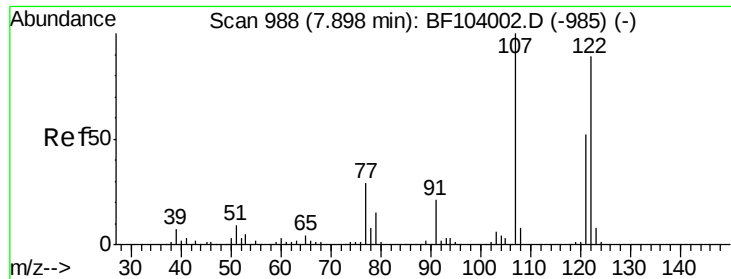
Tot Ion: 82 Resp: 686720
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 19.3 14.9 22.3



#26
2-Nitrophenol
Concen: 45.483 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion: 139 Resp: 211860
Ion Ratio Lower Upper
139 100
109 27.2 22.7 34.1
65 43.7 40.5 60.7

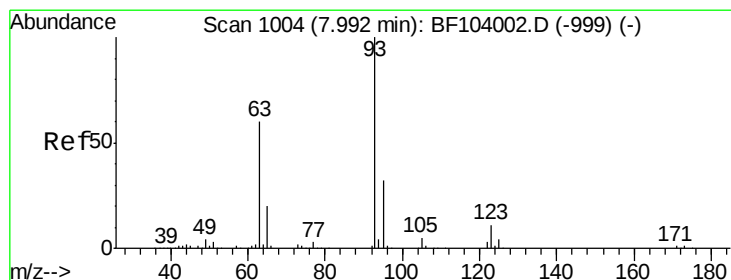
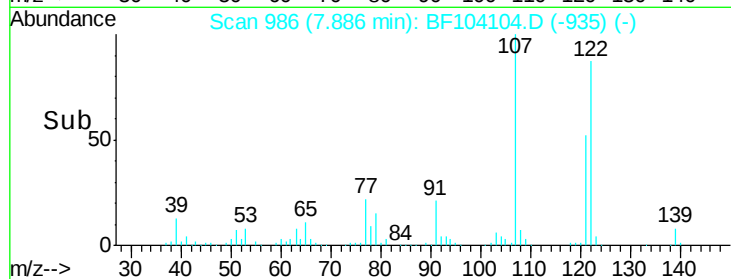
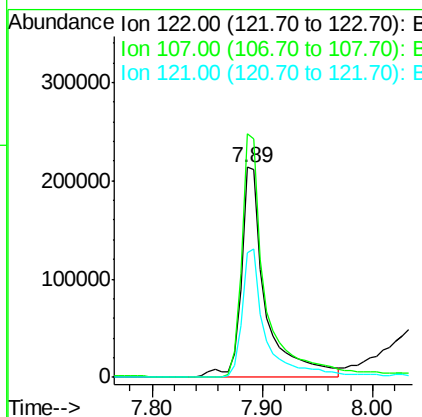
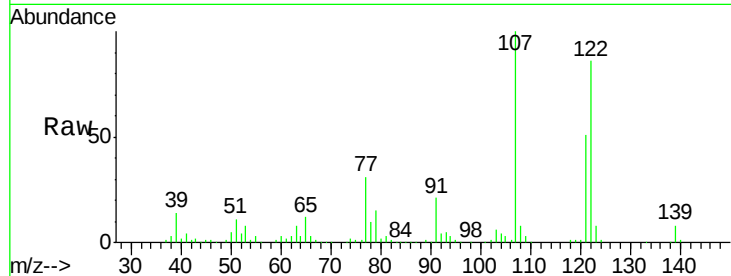




#27
 2,4-Dimethylphenol
 Concen: 49.669 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

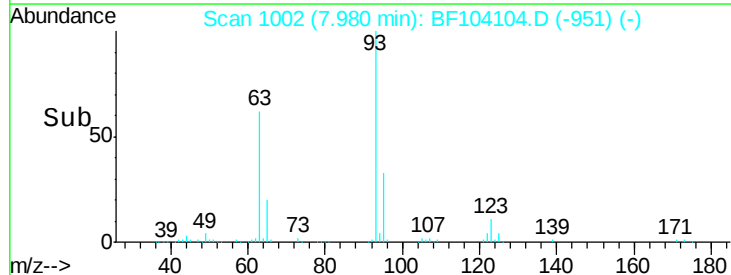
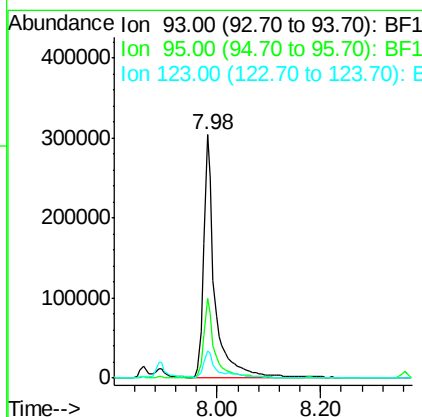
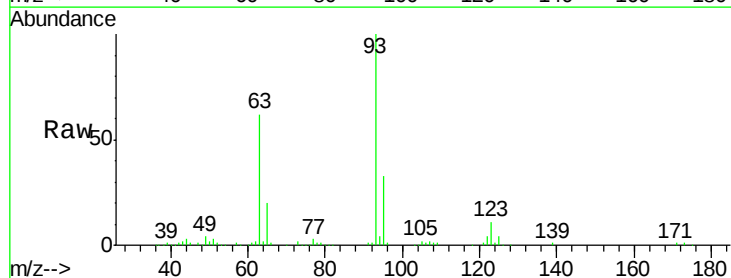
Instrument :
 BNA_F
 ClientSampleId :

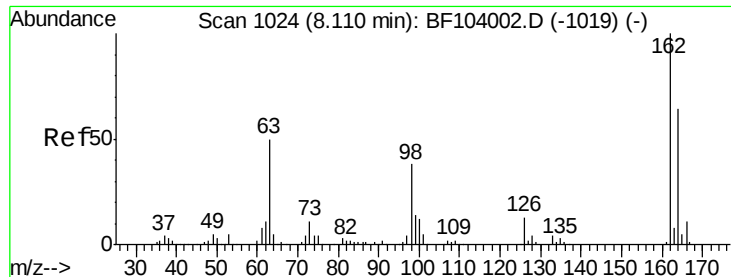
Tot Ion:122 Resp: 333670
 Ion Ratio Lower Upper
 122 100
 107 115.9 91.2 136.8
 121 59.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.410 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion: 93 Resp: 454634
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.2 9.8 14.6

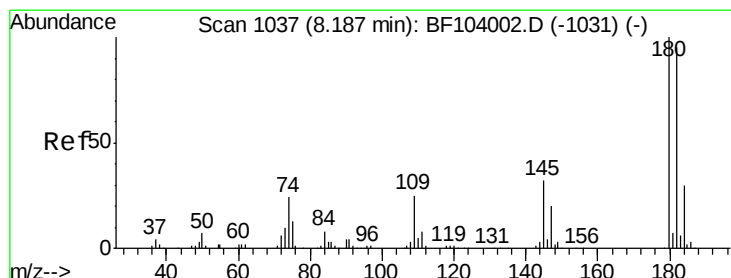
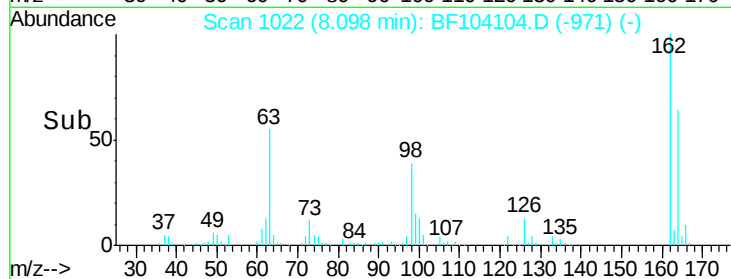
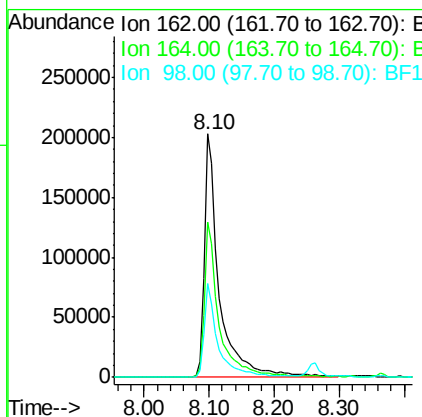
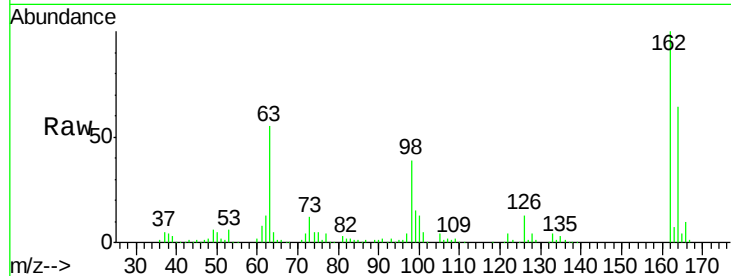




#29
 2,4-Dichlorophenol
 Concen: 45.995 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

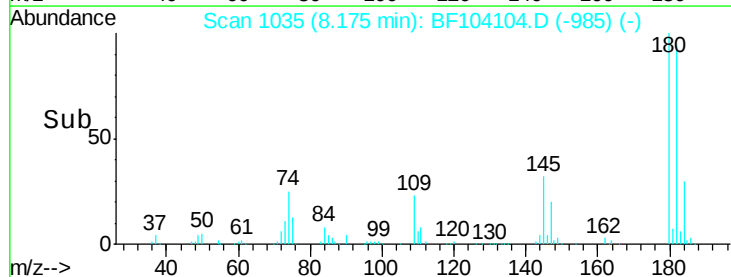
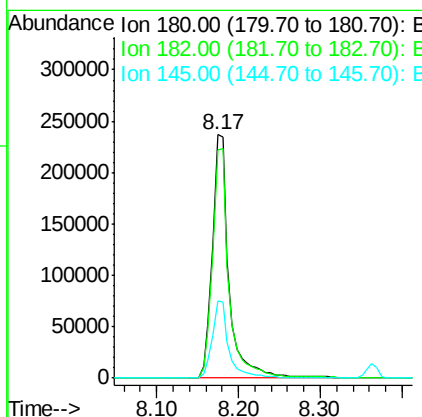
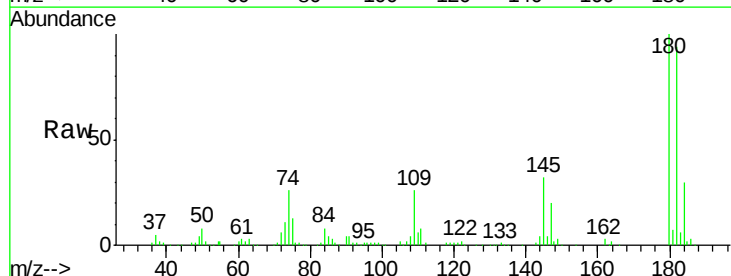
Instrument :
 BNA_F
 ClientSampleId :

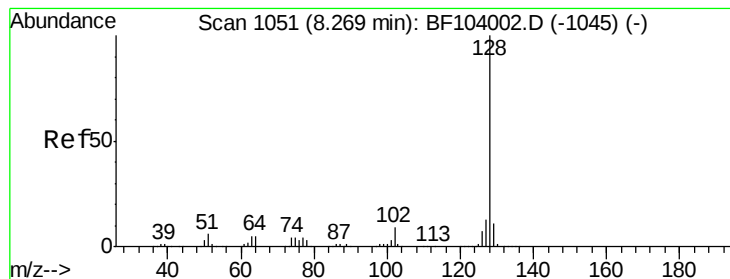
Tot Ion:162 Resp: 322737
 Ion Ratio Lower Upper
 162 100
 164 63.9 42.7 82.7
 98 38.8 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.563 ng
 RT: 8.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion:180 Resp: 338857
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.8 115.2
 145 32.0 26.5 39.7





#31

Naphthalene

Concen: 43.933 ng

RT: 8.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampleId :

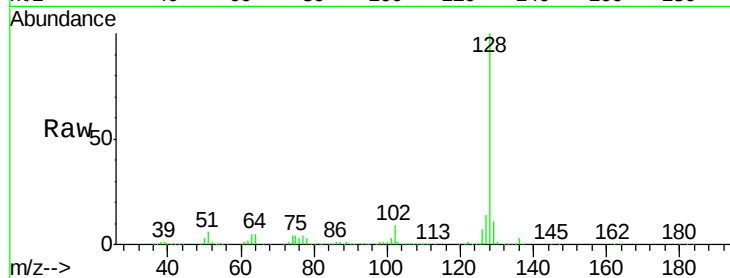
Tot Ion:128 Resp: 1113210

Ion Ratio Lower Upper

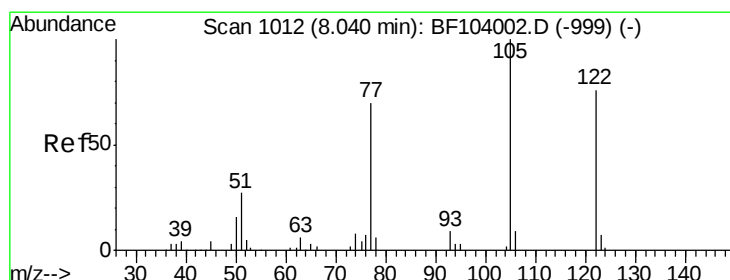
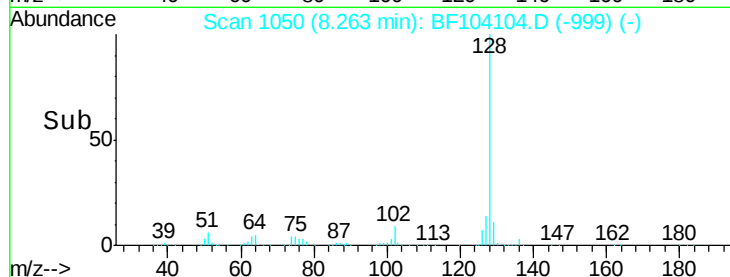
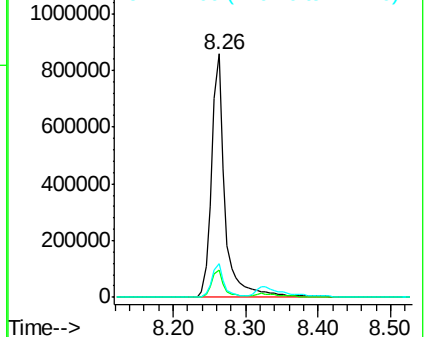
128 100

129 11.0 8.8 13.2

127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.025 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

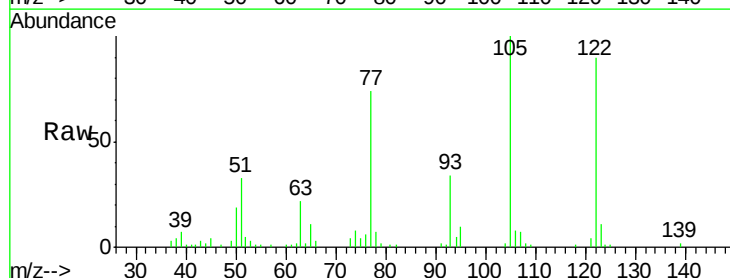
Tgt Ion:122 Resp: 147763

Ion Ratio Lower Upper

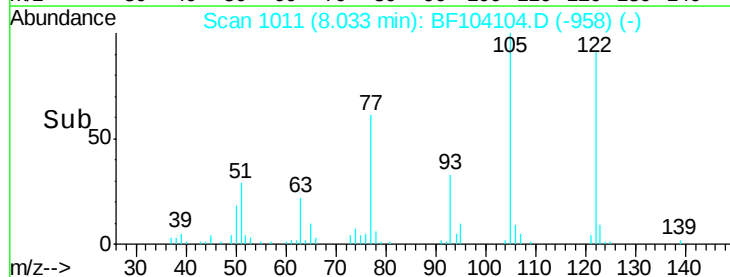
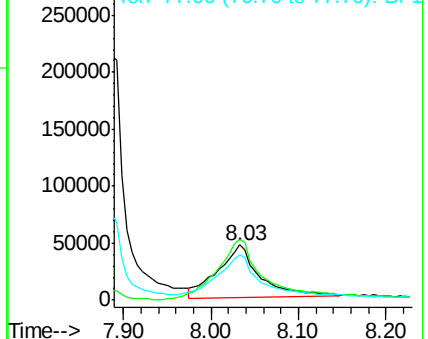
122 100

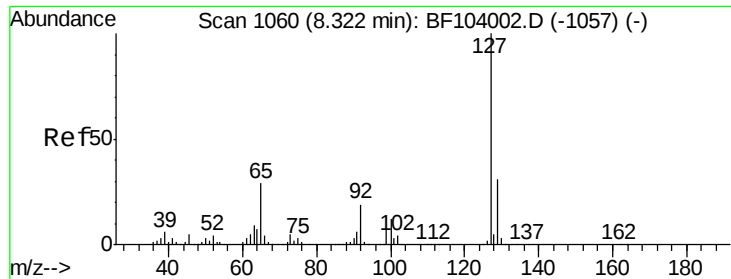
105 111.0 101.1 141.1

77 82.3 70.7 110.7



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

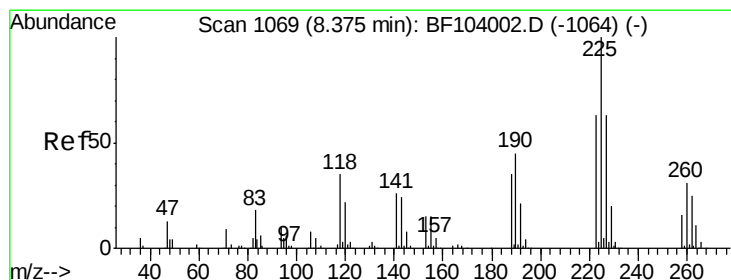
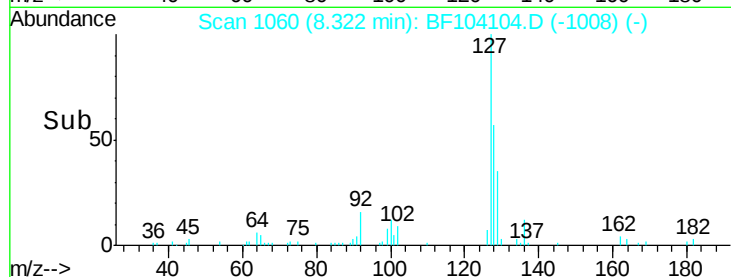
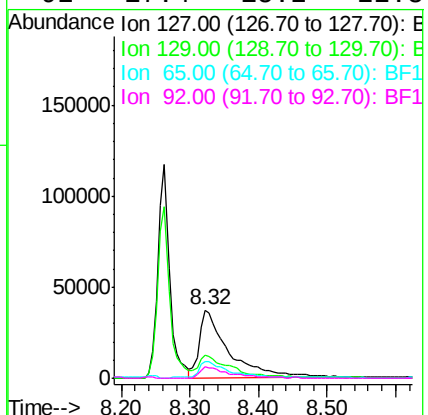
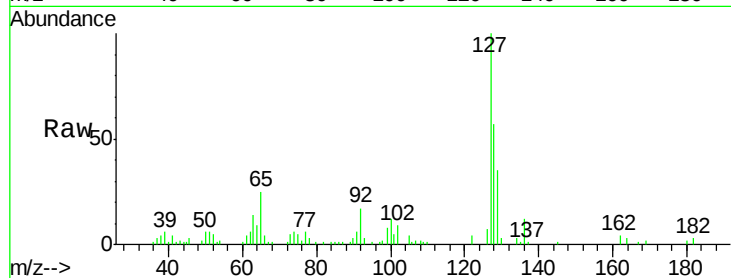




#33
4-Chloroaniline
Concen: 10.271 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

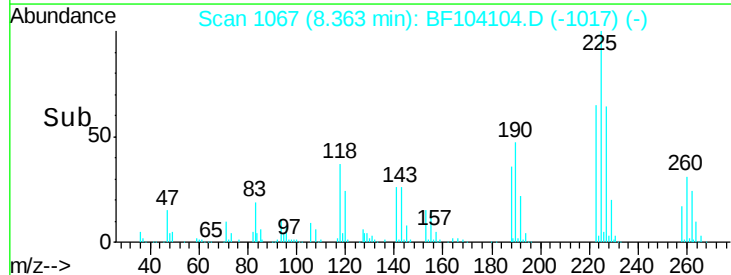
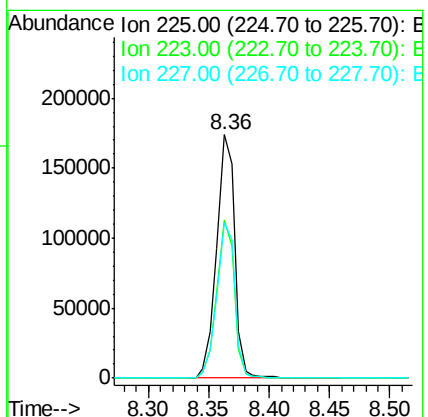
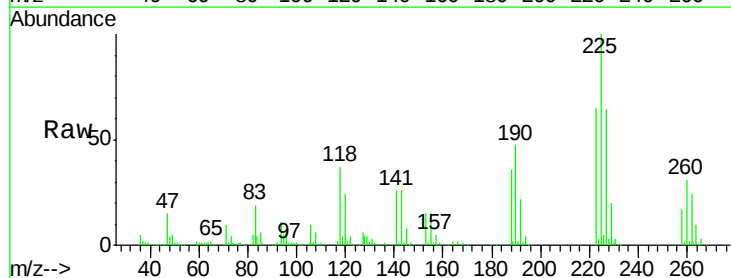
Instrument :
BNA_F
ClientSampleId :

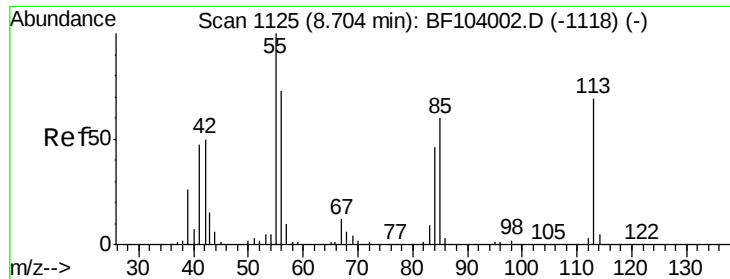
Tot Ion:127	Resp:	109720
Ion	Ratio	Lower Upper
127	100	
129	34.5	25.9 38.9
65	25.3	25.0 37.4
92	17.4	15.2 22.8



#34
Hexachlorobutadiene
Concen: 41.175 ng
RT: 8.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:225	Resp:	178384
Ion	Ratio	Lower Upper
225	100	
223	64.6	50.6 76.0
227	63.8	51.9 77.9

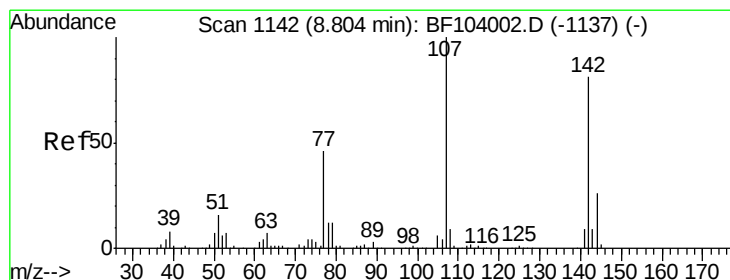
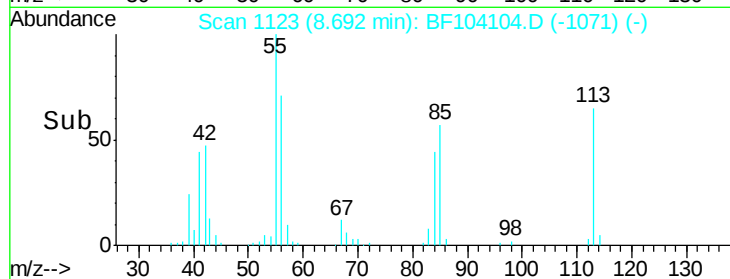
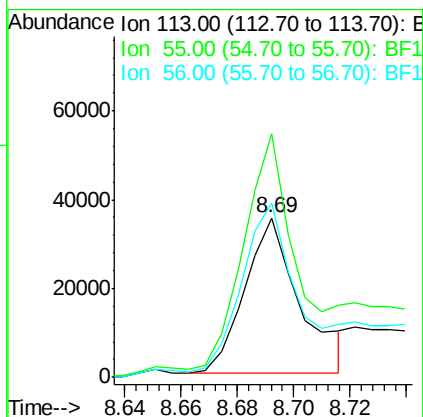
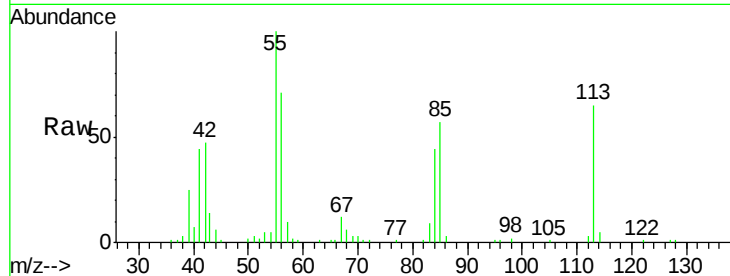




#35
Caprolactam
Concen: 21.170 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

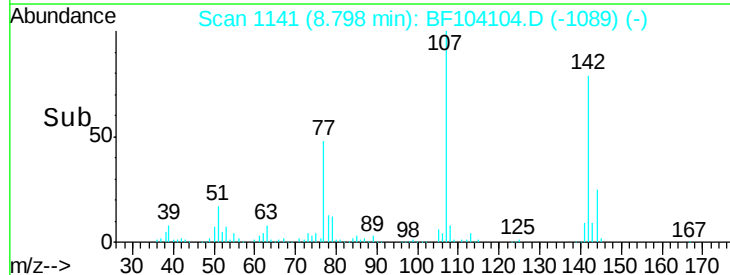
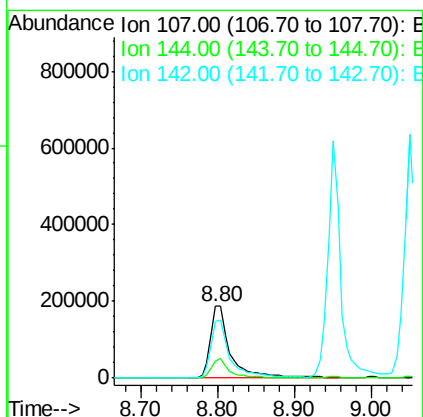
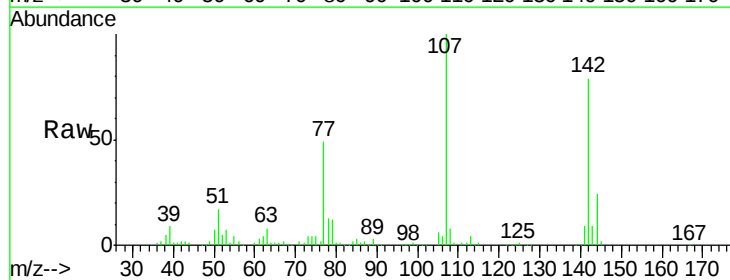
Instrument :
BNA_F
ClientSampleId :

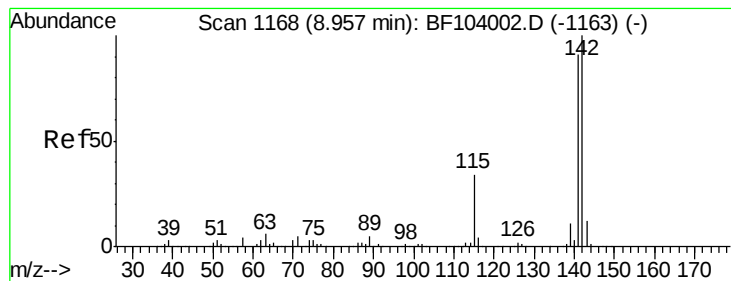
Tot Ion:113 Resp: 47100
Ion Ratio Lower Upper
113 100
55 152.9 163.3 203.3#
56 109.2 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 45.300 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:107 Resp: 336204
Ion Ratio Lower Upper
107 100
144 24.5 20.5 30.7
142 78.9 62.0 93.0

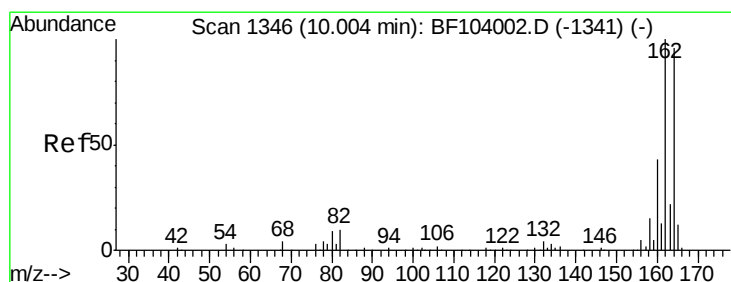
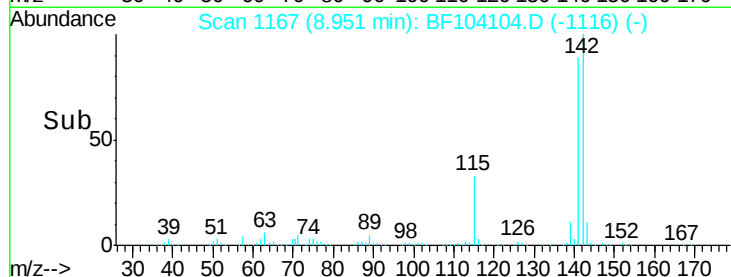
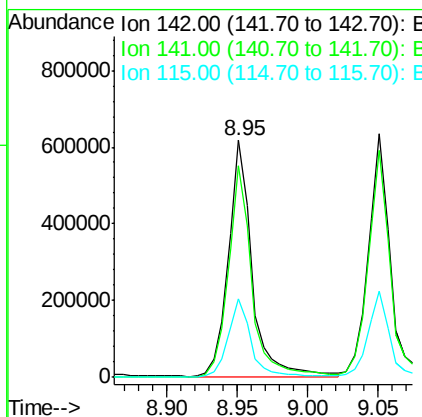
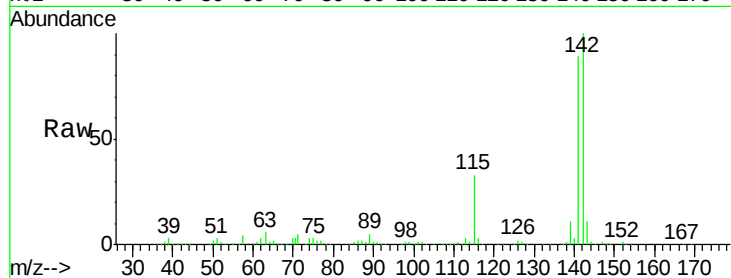




#37
 2-Methylnaphthalene
 Concen: 43.376 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

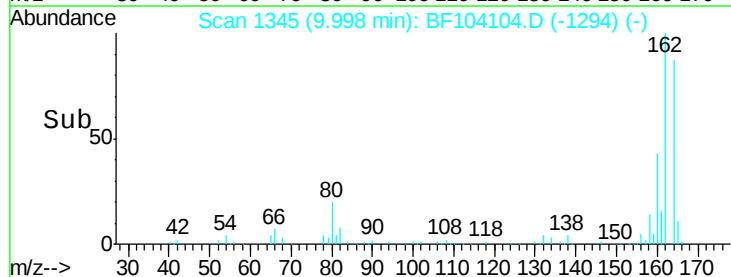
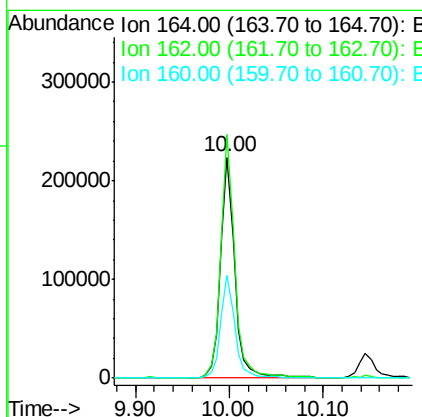
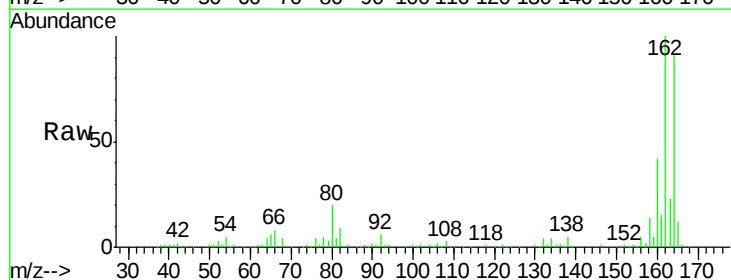
Instrument :
 BNA_F
 ClientSampleId :

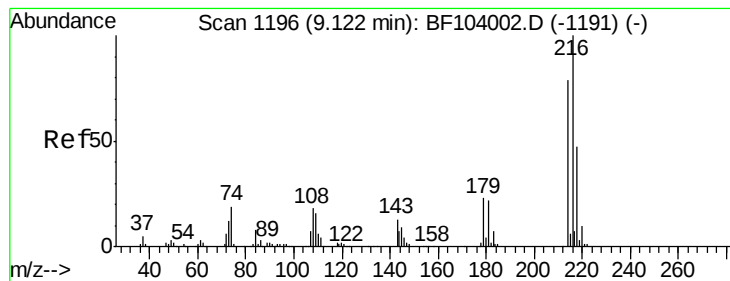
Tot Ion:142 Resp: 723973
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.8 106.2
 115 33.4 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion:164 Resp: 239934
 Ion Ratio Lower Upper
 164 100
 162 110.1 86.1 129.1
 160 46.7 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.908 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 330416

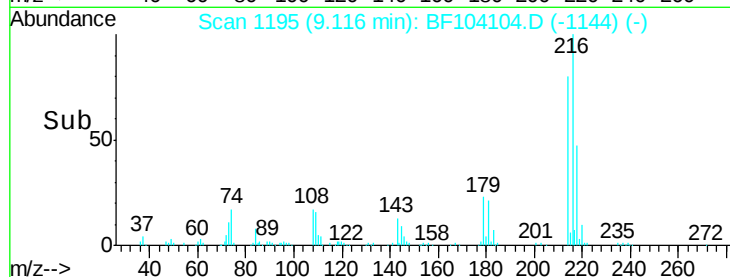
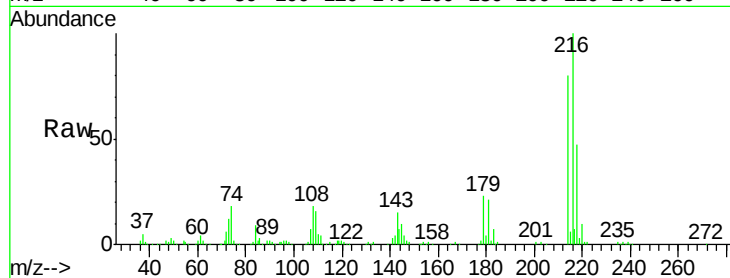
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 22.2 18.1 27.1

108 20.2 17.2 25.8

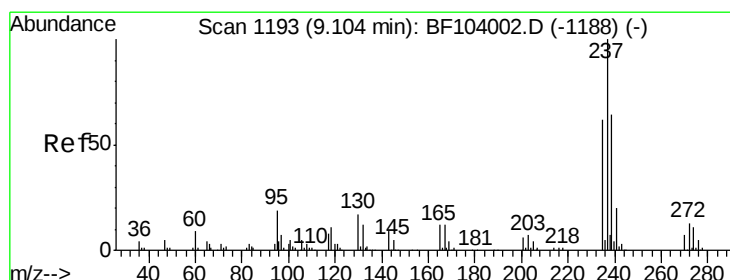
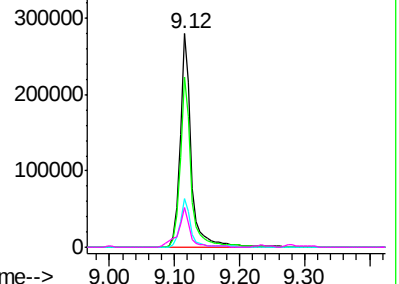


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.883 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

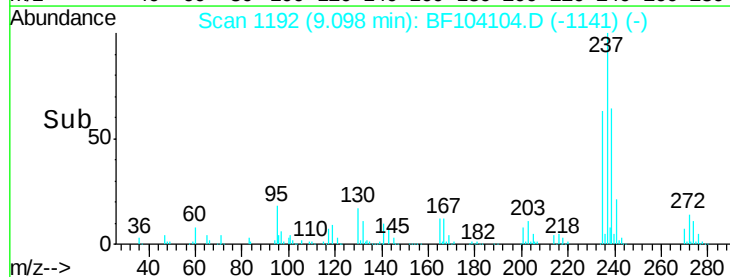
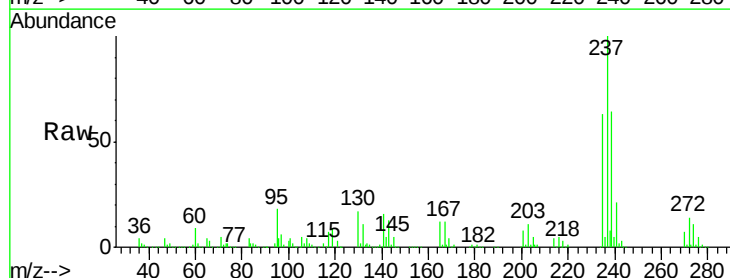
Tgt Ion:237 Resp: 272912

Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

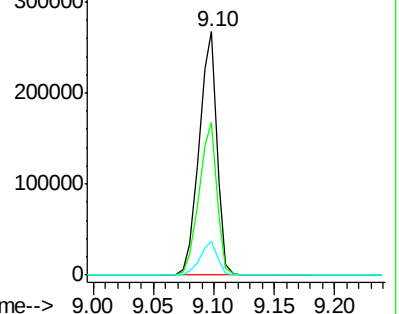
272 13.7 0.0 33.3

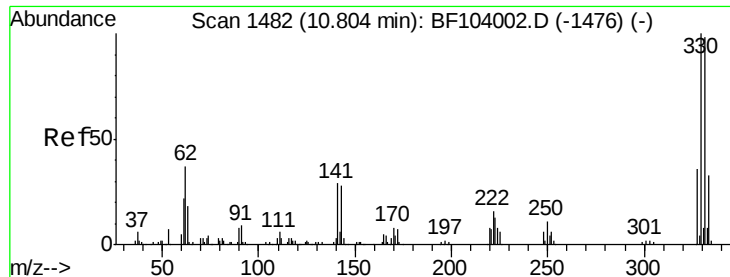


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

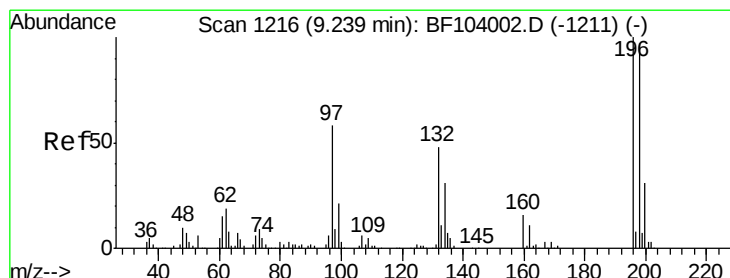
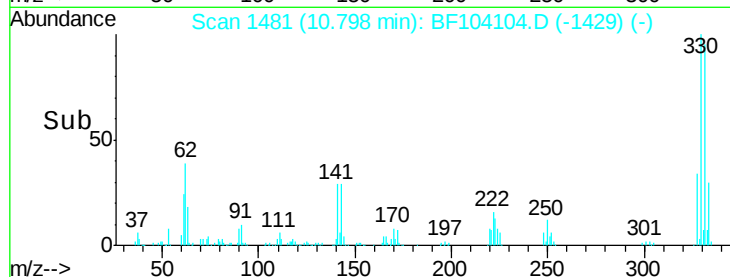
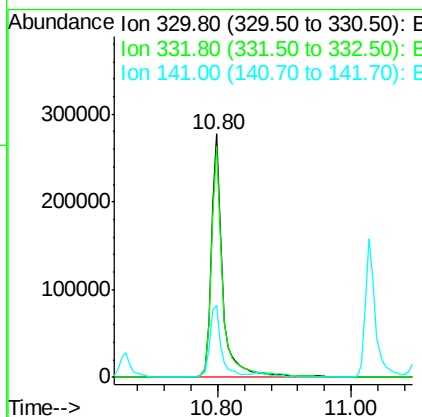
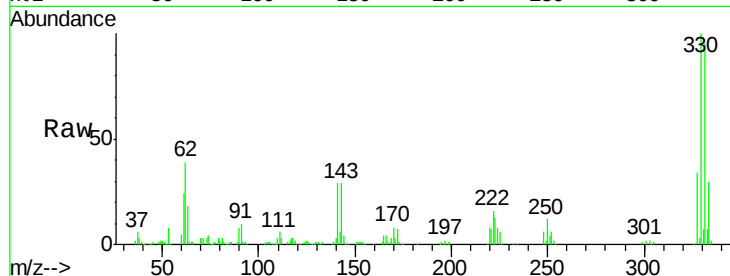




#41
 2,4,6-Tribromophenol
 Concen: 125.397 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

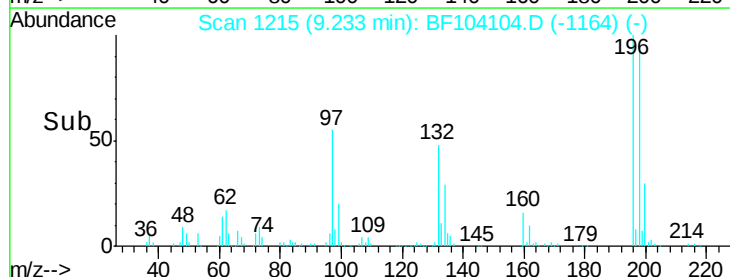
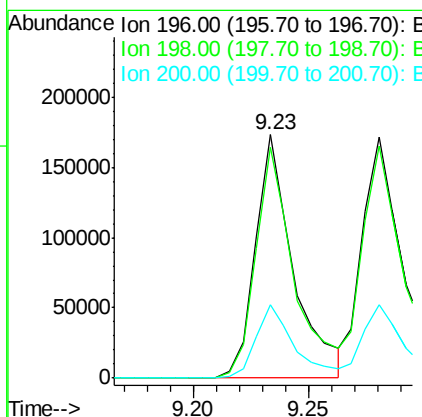
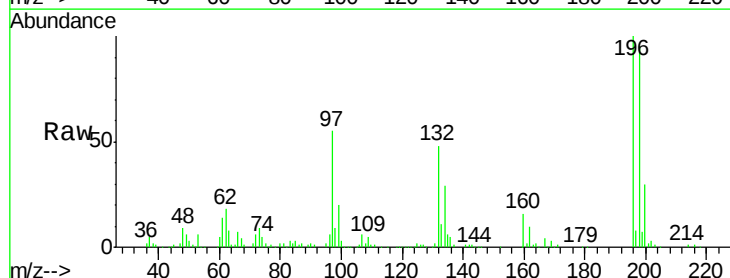
Instrument :
 BNA_F
 ClientSampleId :

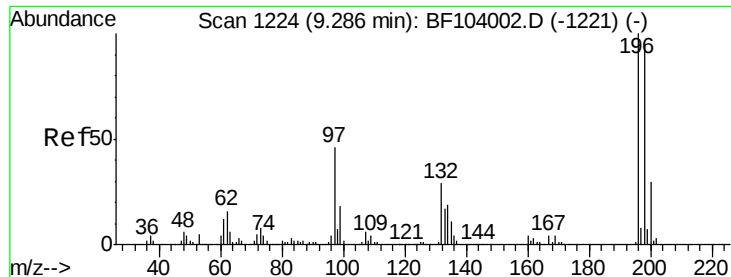
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	29.8	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 42.750 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	30.3	24.5	36.7

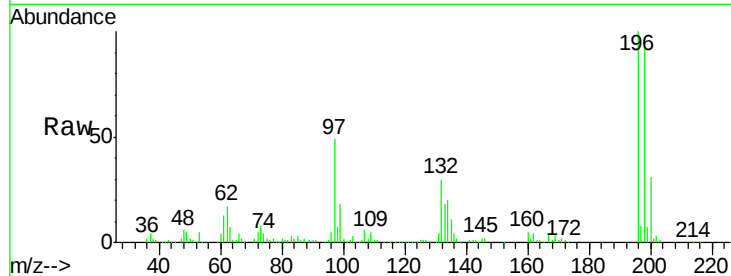




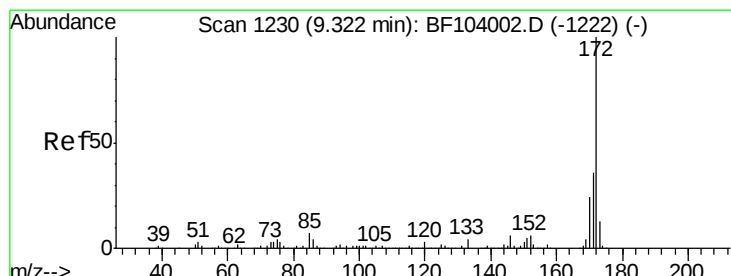
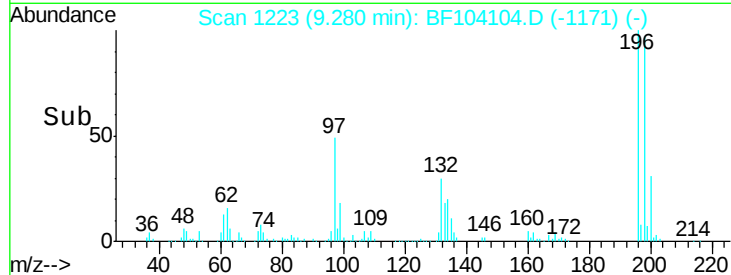
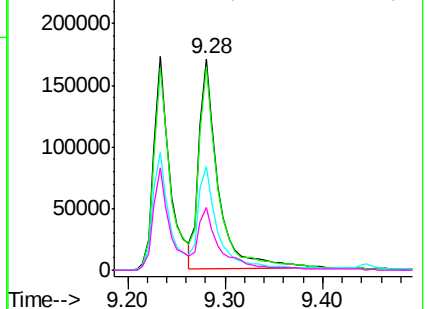
#43
2,4,5-Trichlorophenol
Concen: 41.908 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 235749
Ion Ratio Lower Upper
196 100
198 96.5 74.6 112.0
97 49.3 42.9 64.3
132 29.9 26.3 39.5

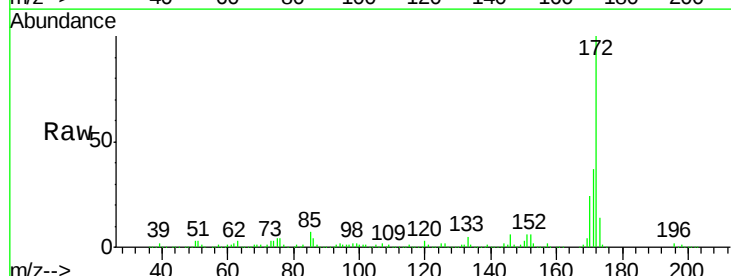


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

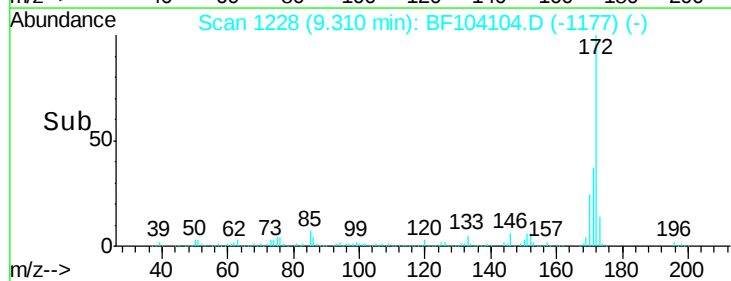
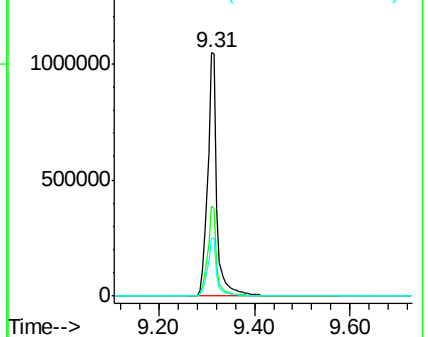


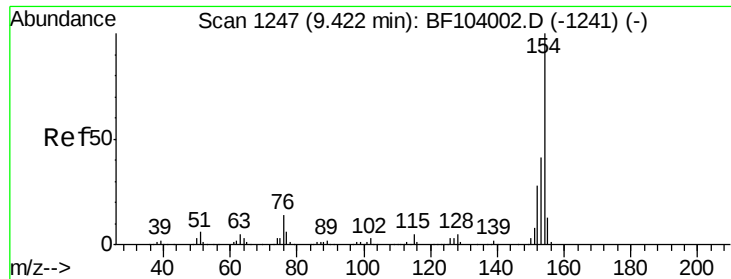
#44
2-Fluorobiphenyl
Concen: 94.491 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:172 Resp: 1437712
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.0 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

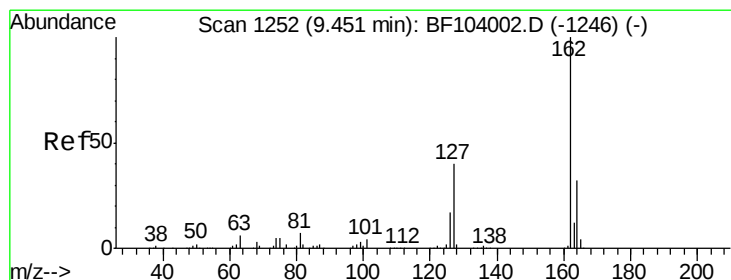
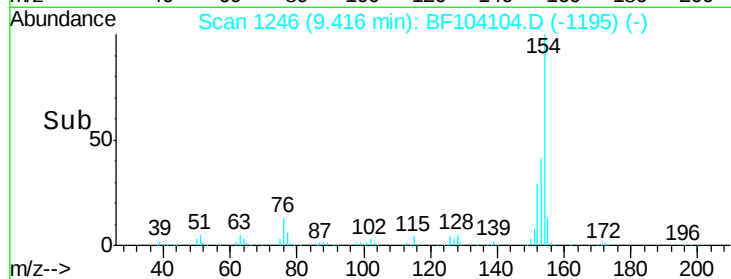
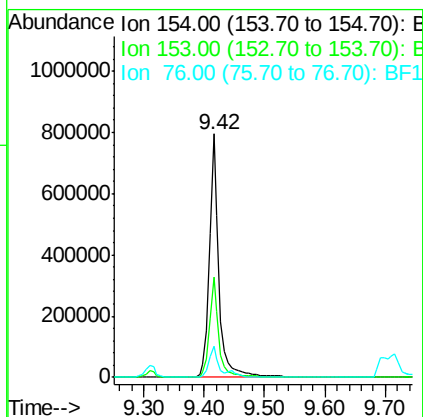
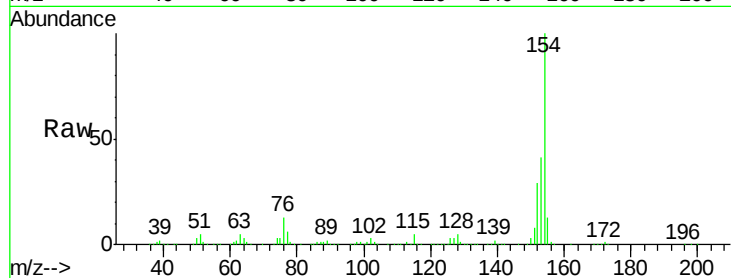




#45
 1,1'-Biphenyl
 Concen: 43.124 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

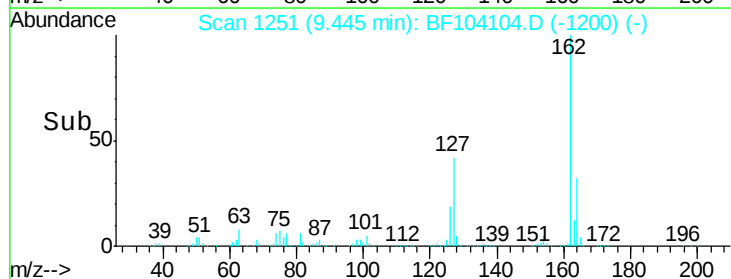
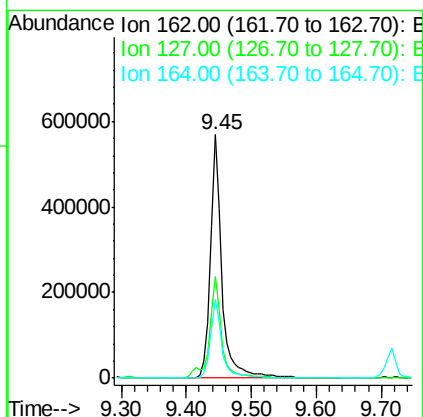
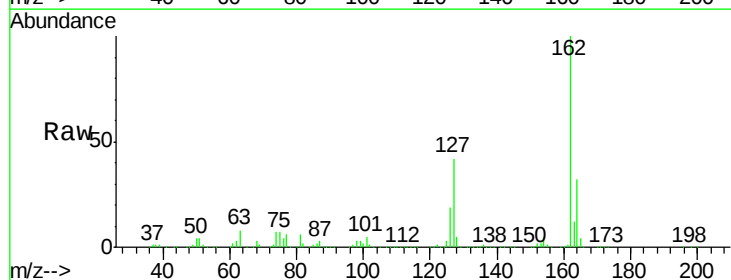
Instrument :
 BNA_F
 ClientSampleId :

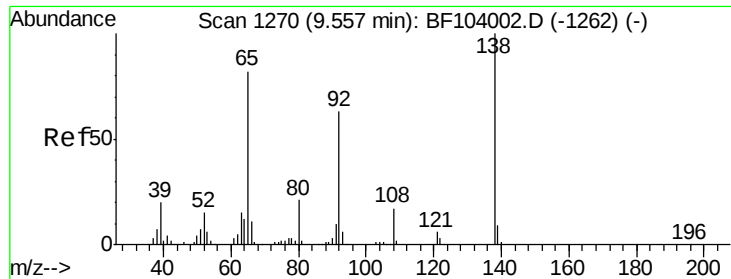
Tot Ion:154 Resp: 888049
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 13.0 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 43.213 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion:162 Resp: 701942
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.9 50.9
 164 32.3 26.5 39.7

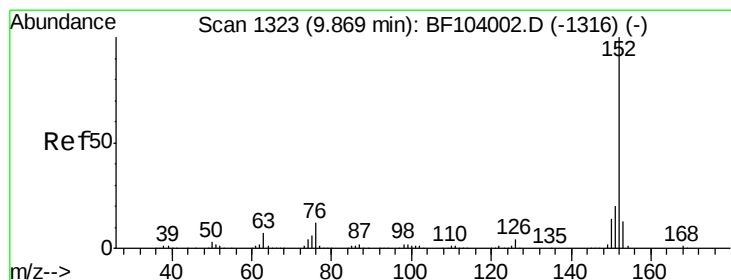
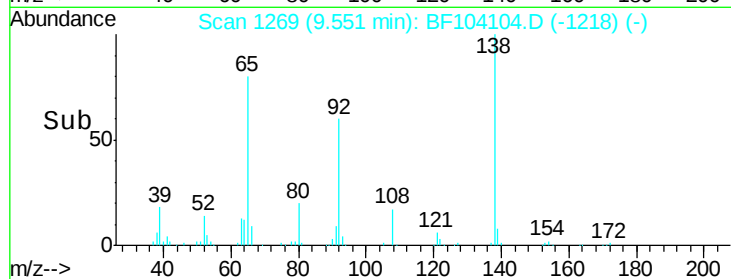
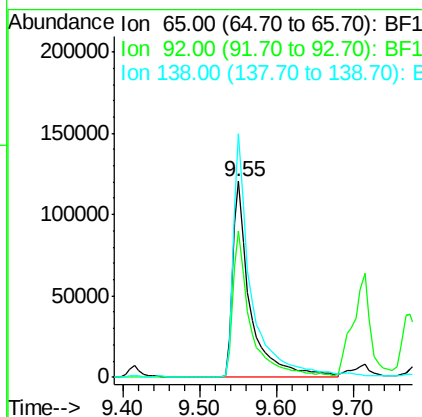
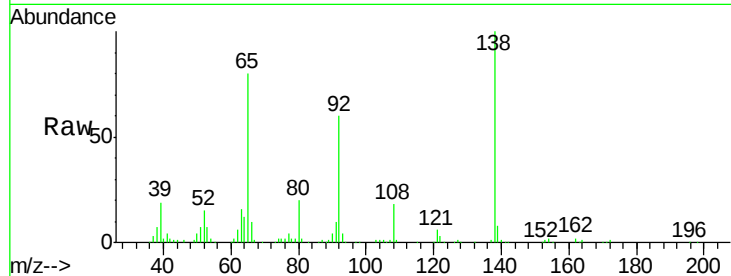




#47
 2-Nitroaniline
 Concen: 42.049 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

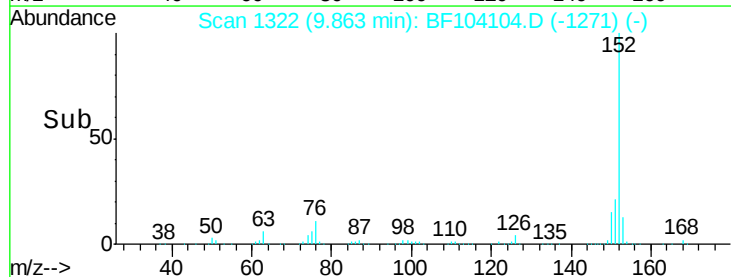
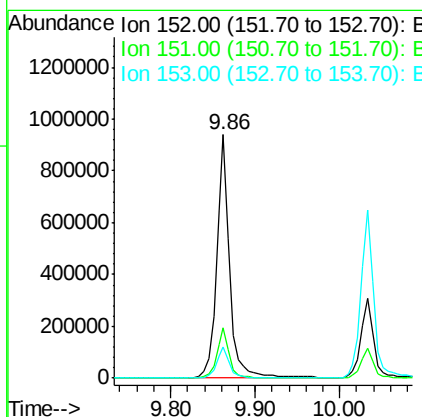
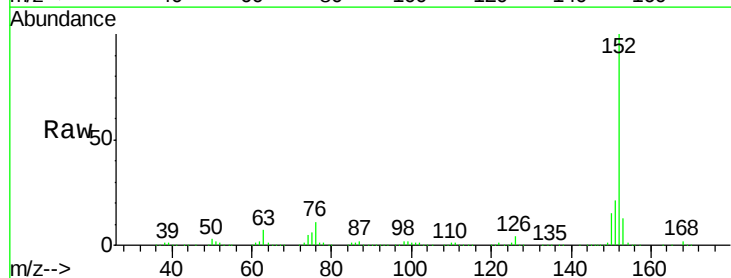
Instrument :
 BNA_F
 ClientSampleId :

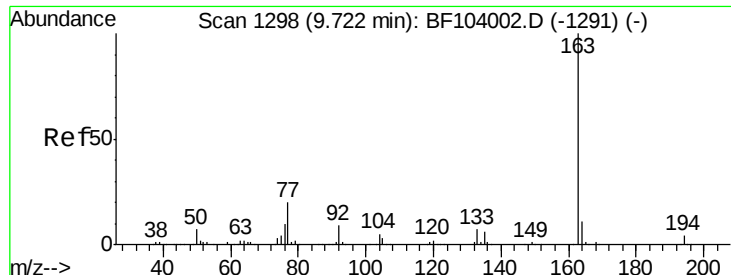
Tot Ion: 65 Resp: 194766
 Ion Ratio Lower Upper
 65 100
 92 75.0 55.8 83.6
 138 124.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 41.609 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion: 152 Resp: 1023955
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.0 10.7 16.1

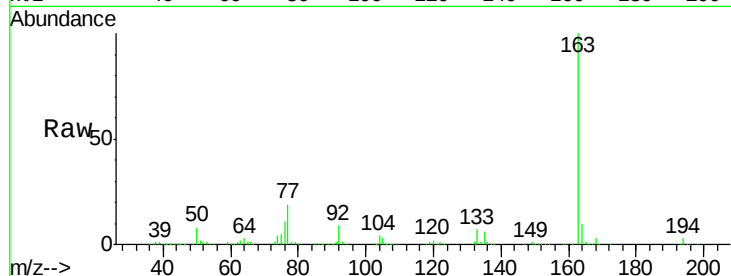




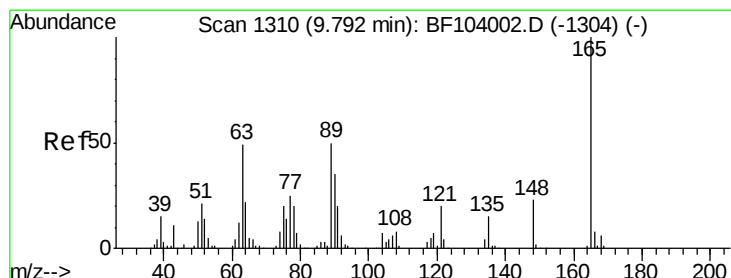
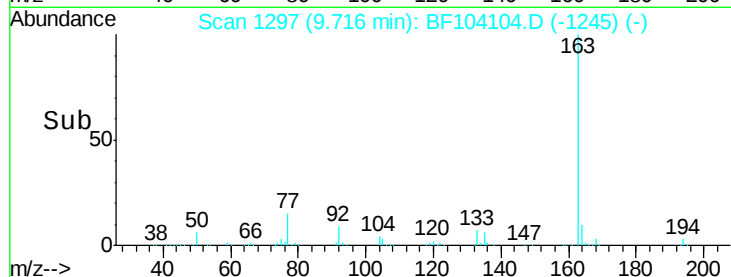
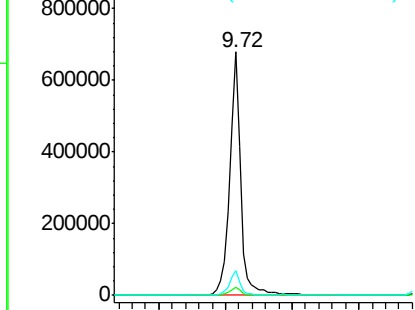
#49
Dimethylphthalate
Concen: 42.369 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 802624
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

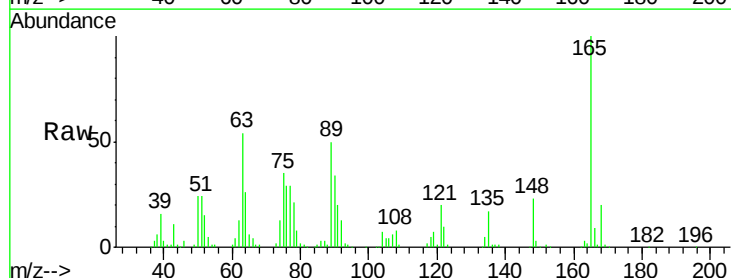


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

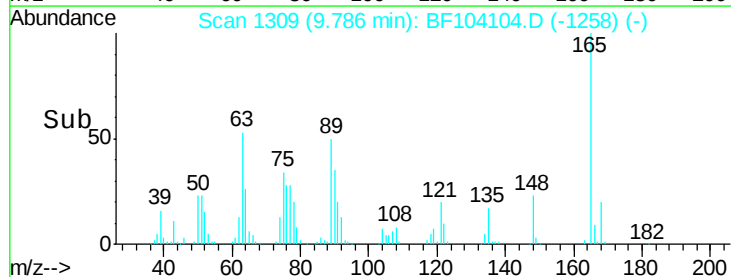
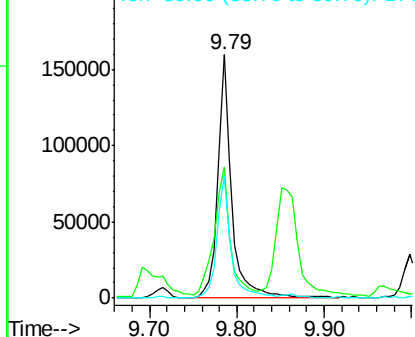


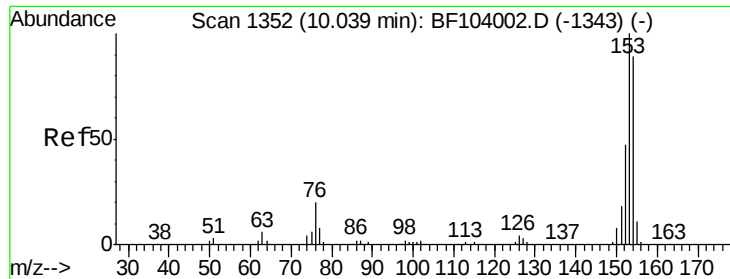
#50
2,6-Dinitrotoluene
Concen: 43.026 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:165 Resp: 175355
Ion Ratio Lower Upper
165 100
63 53.9 44.7 67.1
89 50.0 44.0 66.0



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

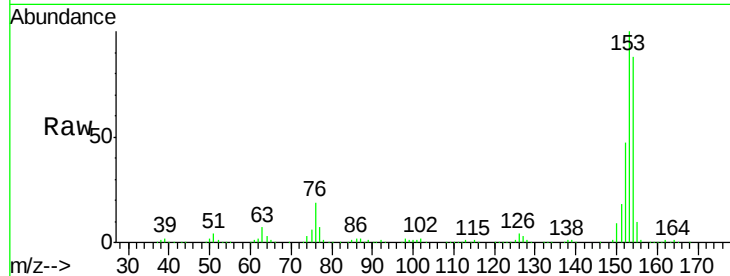




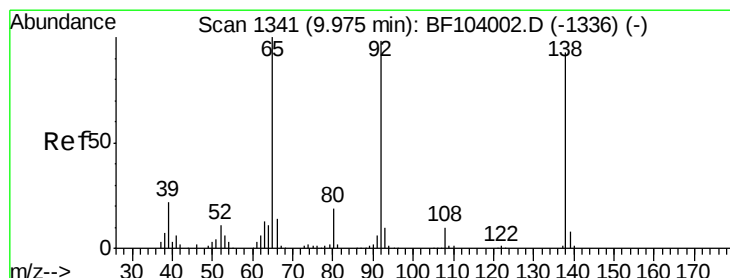
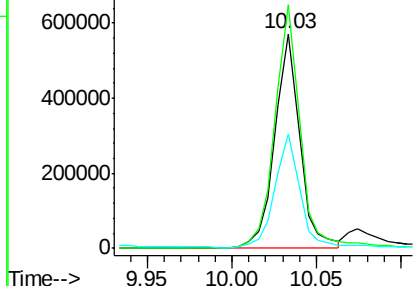
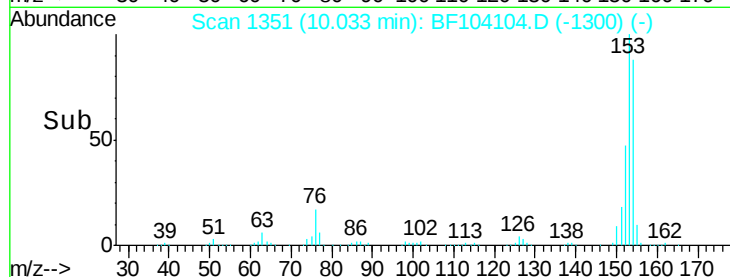
#51
Acenaphthene
Concen: 40.925 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 582616
Ion Ratio Lower Upper
154 100
153 113.6 91.2 136.8
152 53.6 43.8 65.8

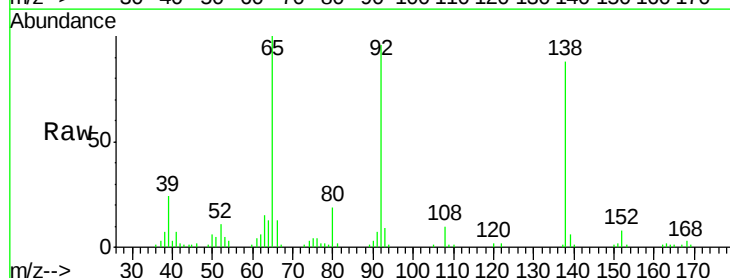


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

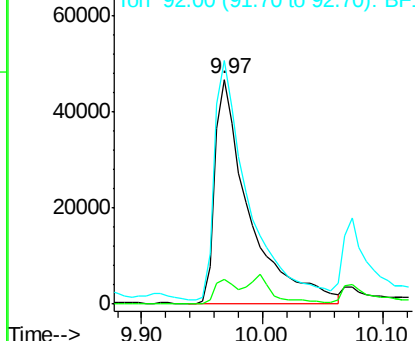
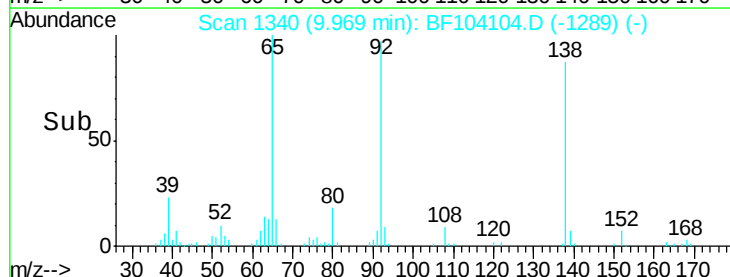


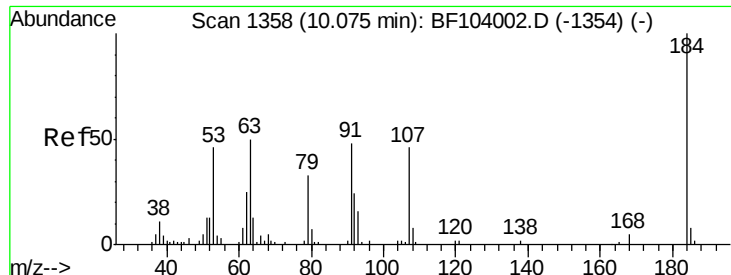
#52
3-Nitroaniline
Concen: 19.662 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:138 Resp: 92116
Ion Ratio Lower Upper
138 100
108 10.9 9.4 14.0
92 108.2 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

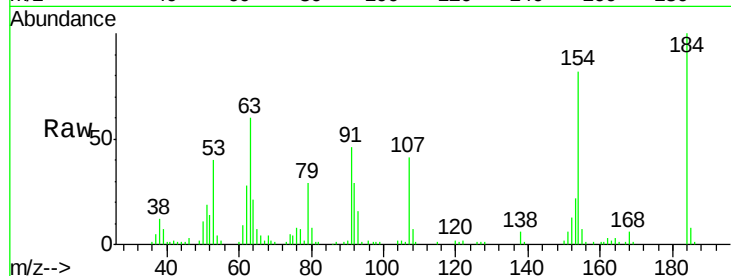




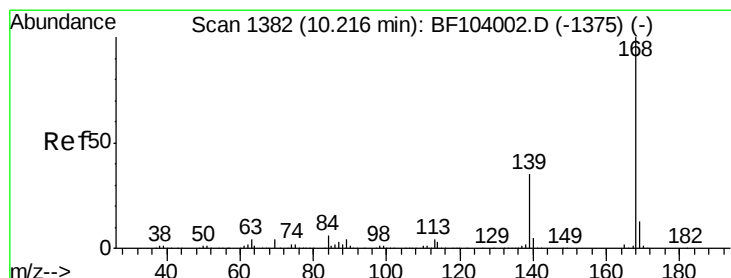
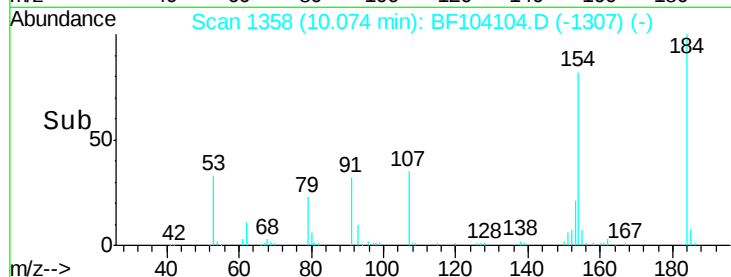
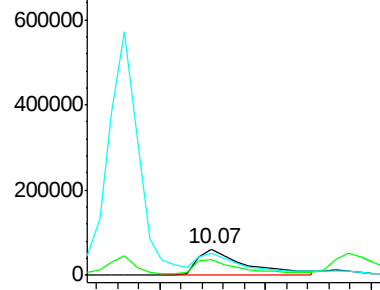
#53
 2,4-Dinitrophenol
 Concen: 56.460 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 97321
 Ion Ratio Lower Upper
 184 100
 63 60.4 54.2 81.2
 154 82.3 184.0 276.0#

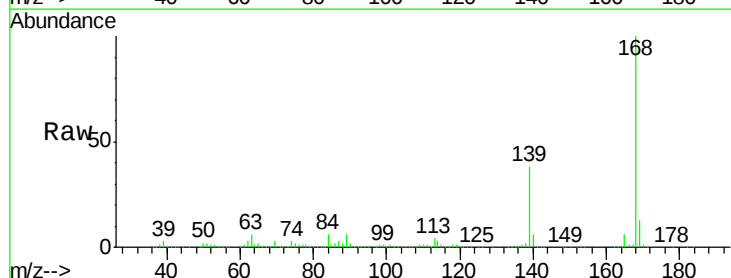


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

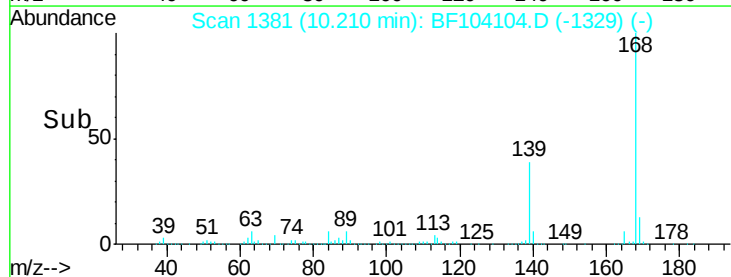
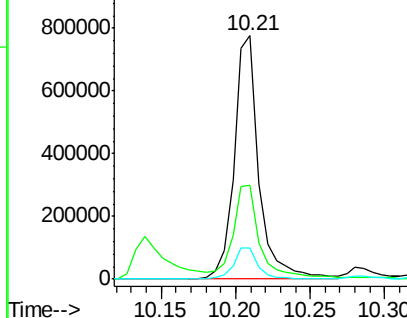


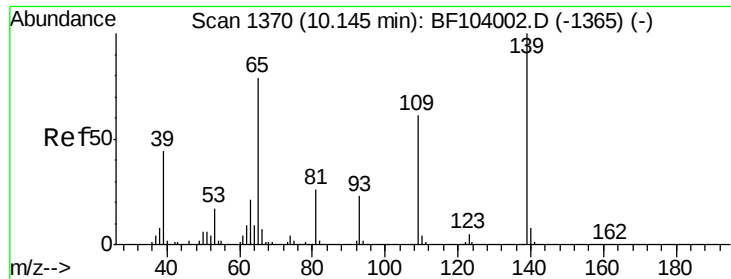
#54
 Dibenzofuran
 Concen: 43.328 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion:168 Resp: 900736
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.1 45.1
 169 13.0 10.9 16.3



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

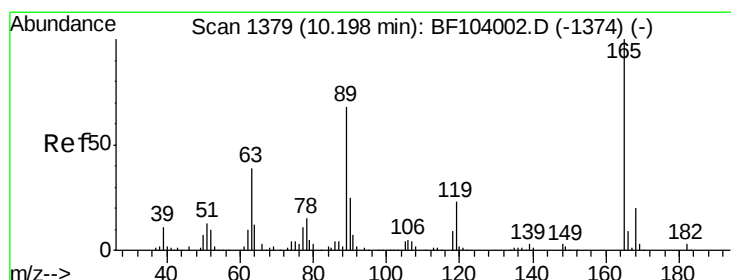
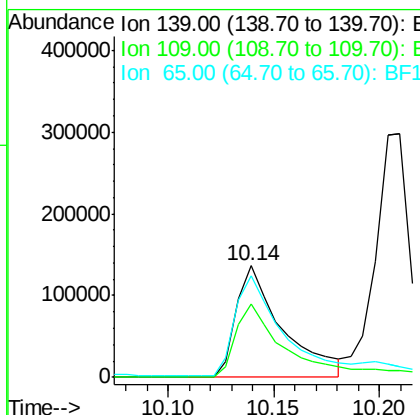
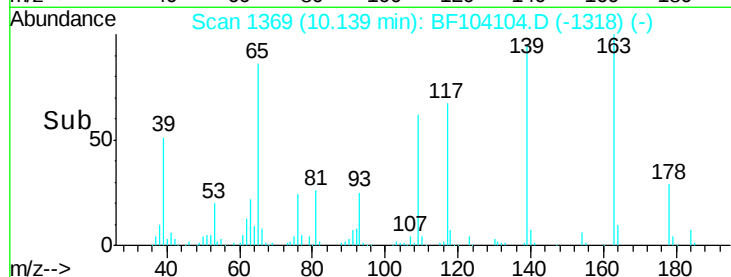
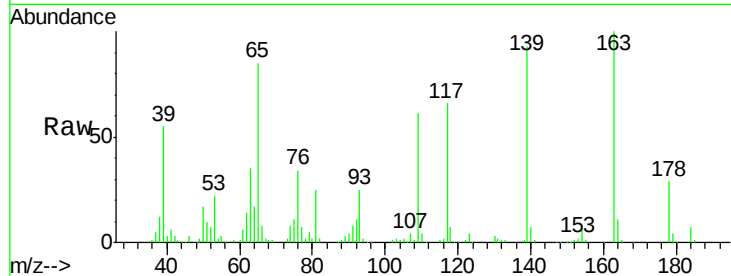




#55
4-Nitrophenol
Concen: 73.680 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

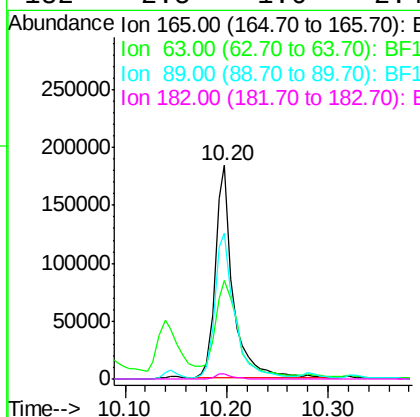
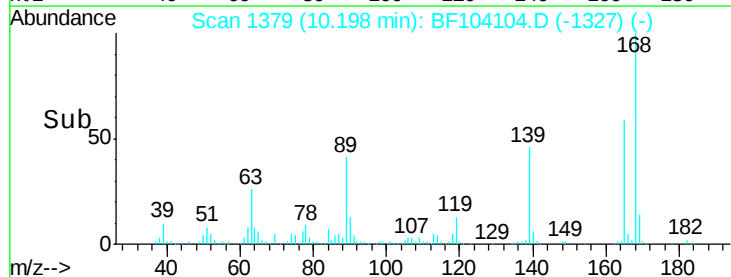
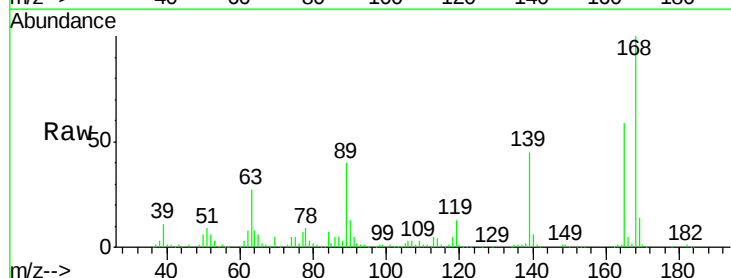
Instrument :
BNA_F
ClientSampleId :

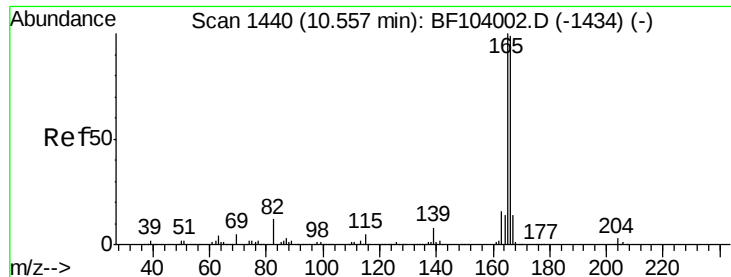
Tot Ion	Ratio	Lower	Upper
139	100		
109	65.5	48.4	88.4
65	91.3	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 43.450 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.0	36.4	54.6
89	68.6	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 42.415 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampleId :

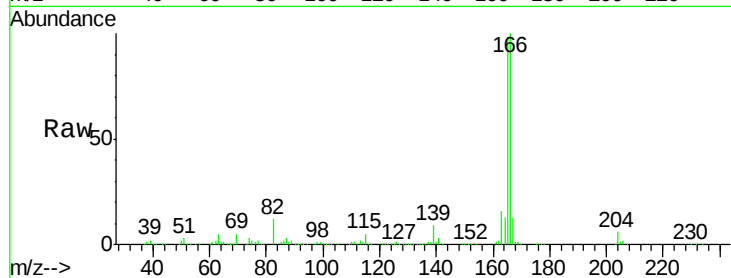
Tot Ion:166 Resp: 727354

Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.8

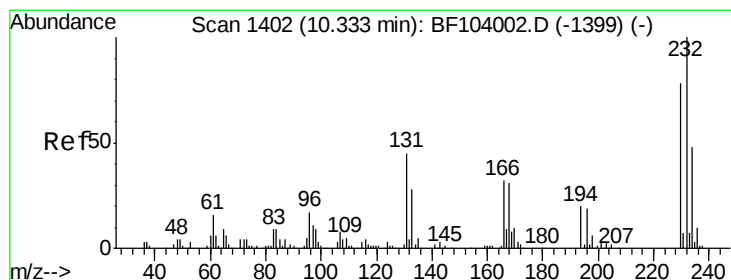
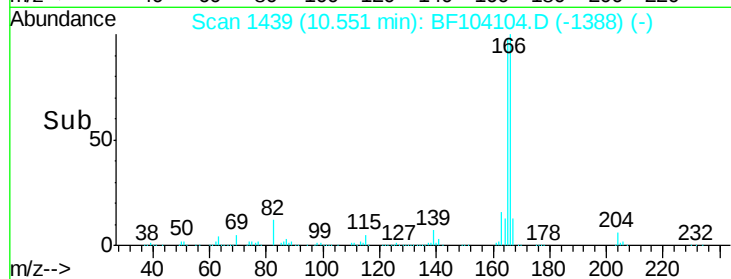
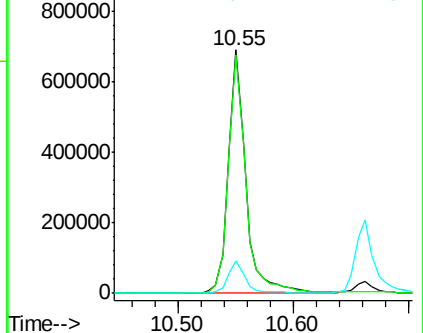
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.136 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Tgt Ion:232 Resp: 207089

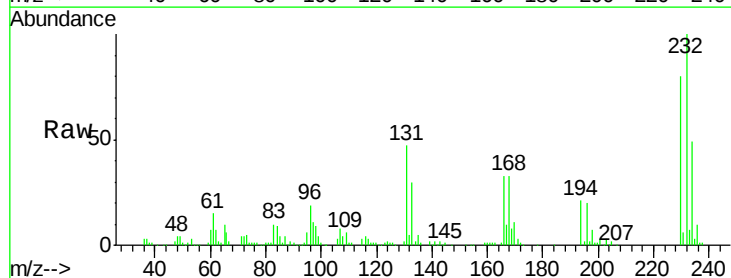
Ion Ratio Lower Upper

232 100

131 39.8 43.8 65.8#

130 2.1 2.1 3.1

166 27.6 27.8 41.6#

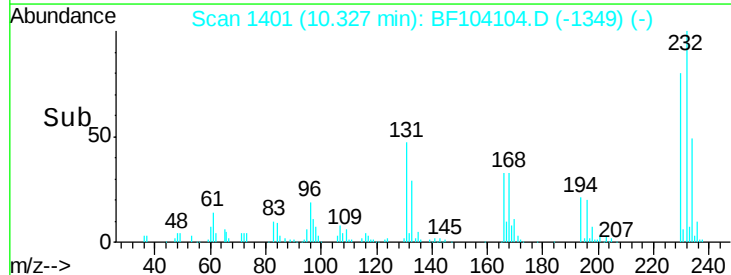
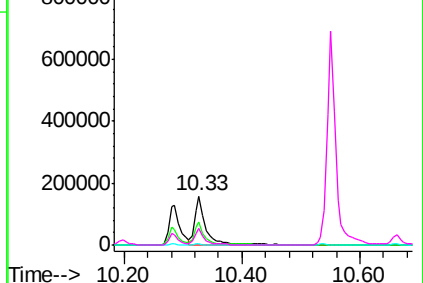


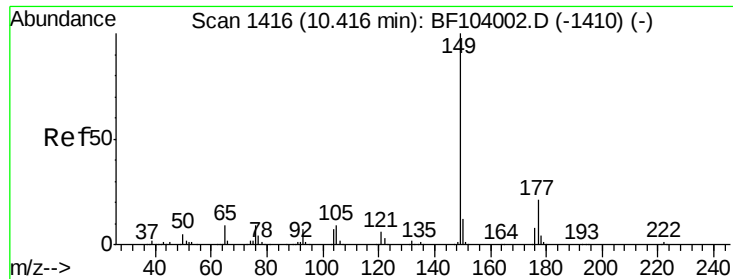
Abundance Ion 232.00 (231.70 to 232.70): E

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

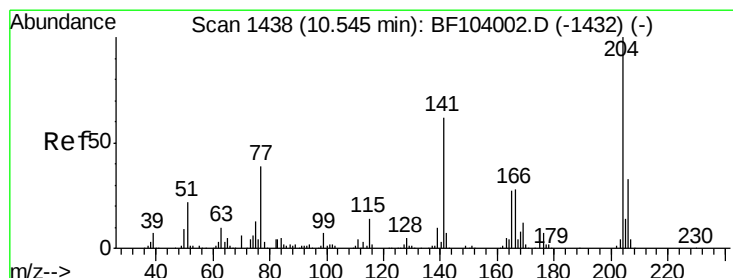
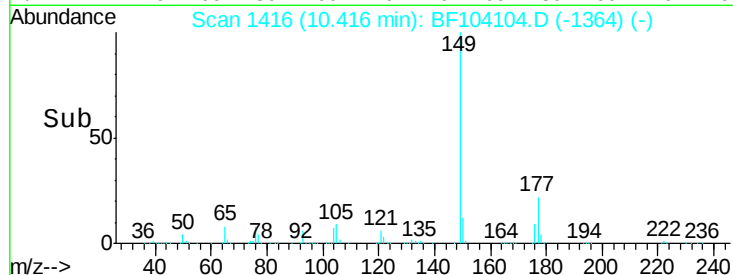
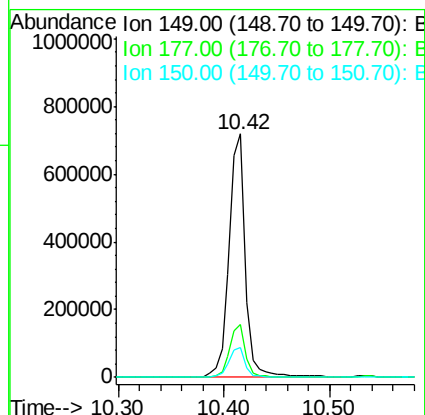
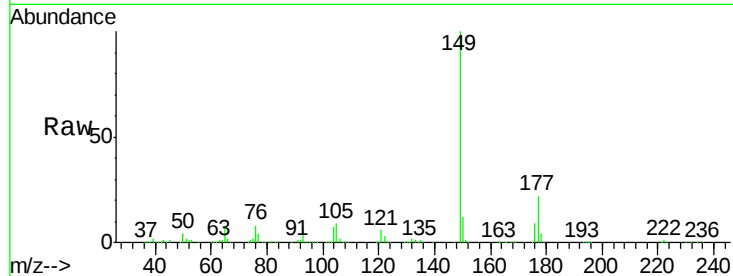




#59
Diethylphthalate
Concen: 42.375 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

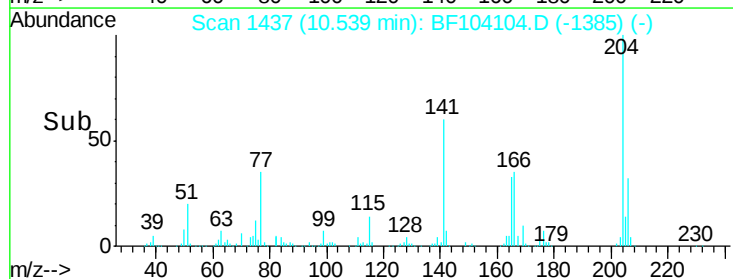
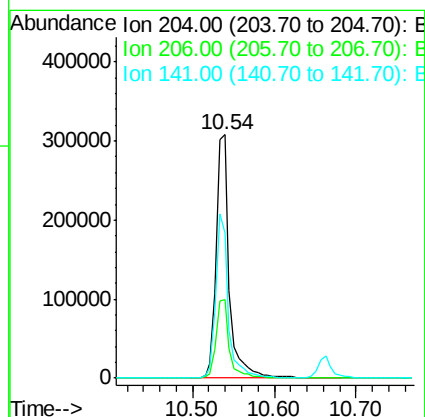
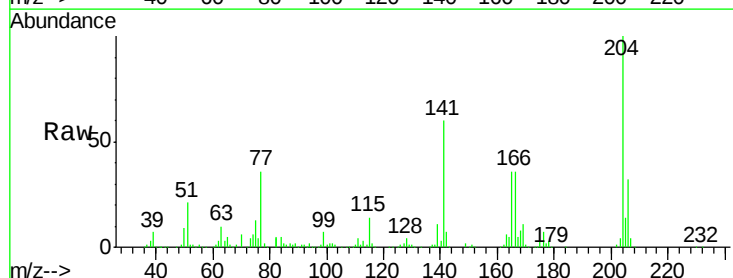
Instrument :
BNA_F
ClientSampled :

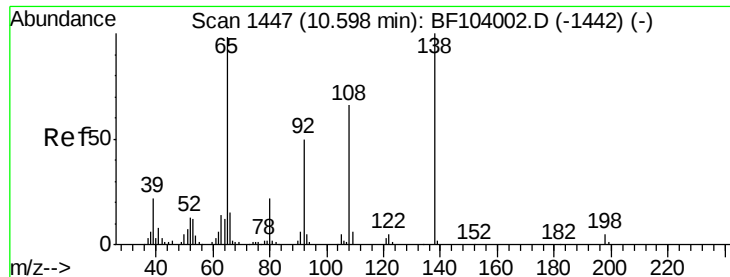
Tot Ion:149 Resp: 769015
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.333 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:204 Resp: 349172
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 59.8 54.6 81.8

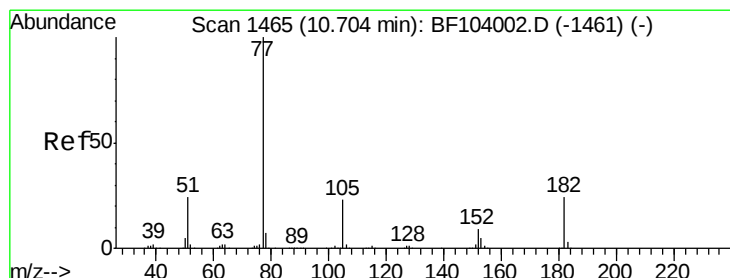
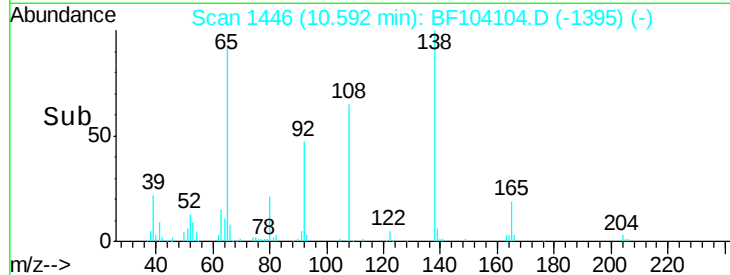
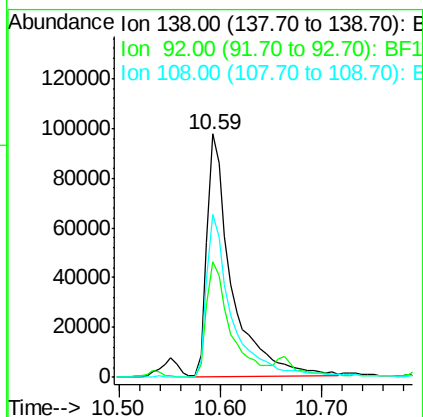
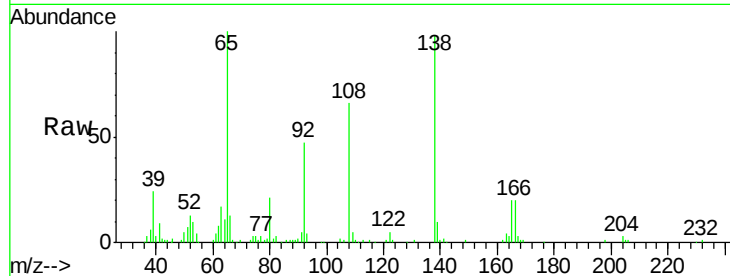




#61
4-Nitroaniline
Concen: 37.603 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

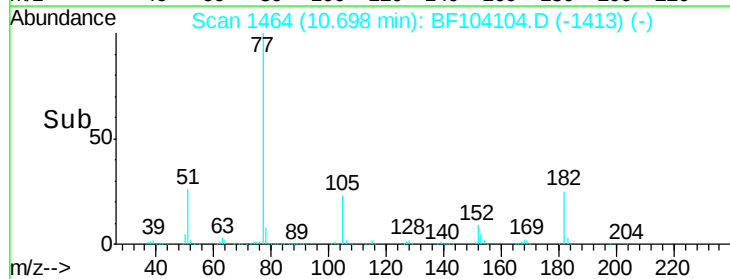
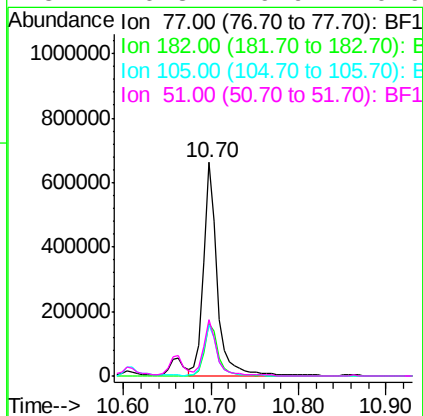
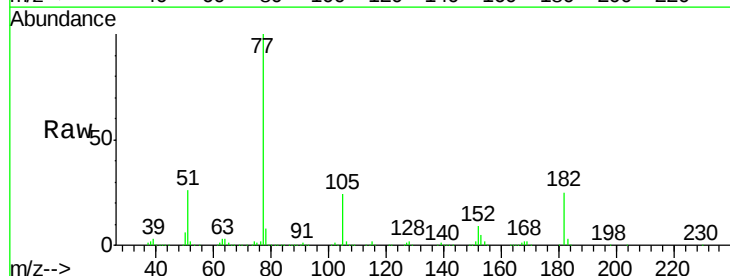
Instrument :
BNA_F
ClientSampleId :

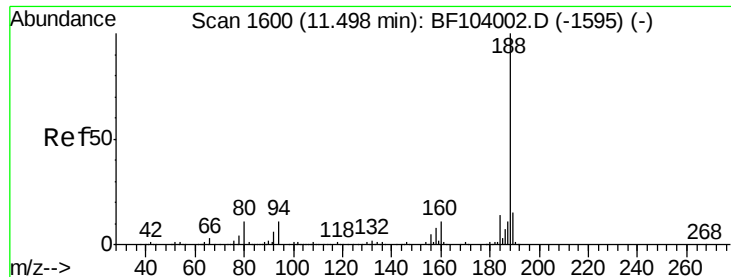
Tot Ion:138 Resp: 164842
Ion Ratio Lower Upper
138 100
92 47.6 30.2 70.2
108 67.1 52.5 92.5



#62
Azobenzene
Concen: 43.451 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion: 77 Resp: 713023
Ion Ratio Lower Upper
77 100
182 24.6 1.7 41.7
105 23.9 3.0 43.0
51 26.3 9.9 49.9

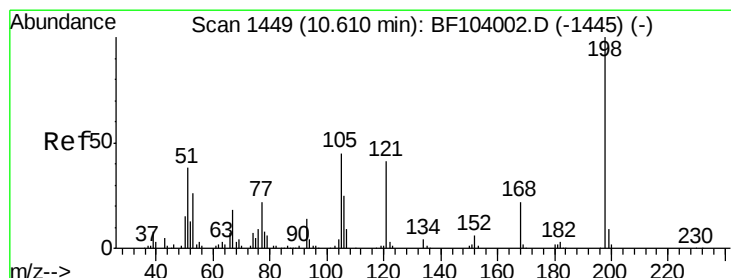
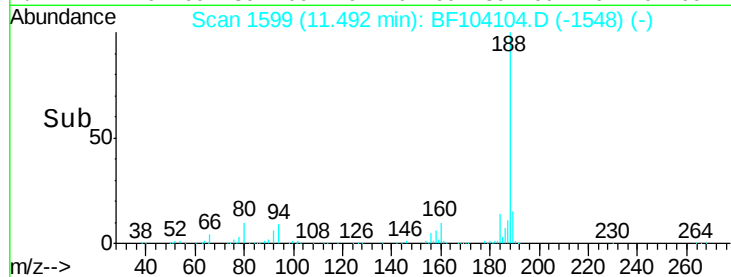
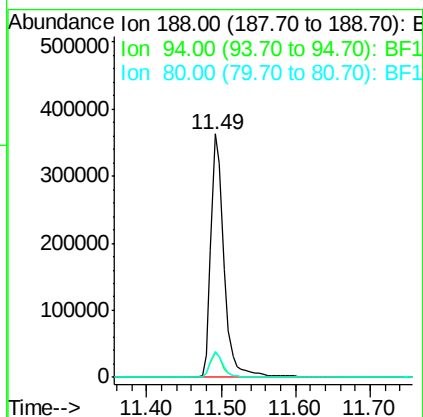
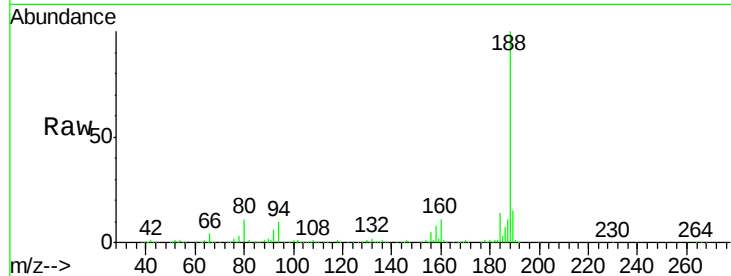




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

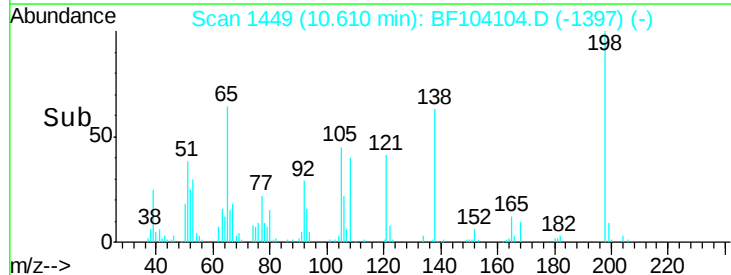
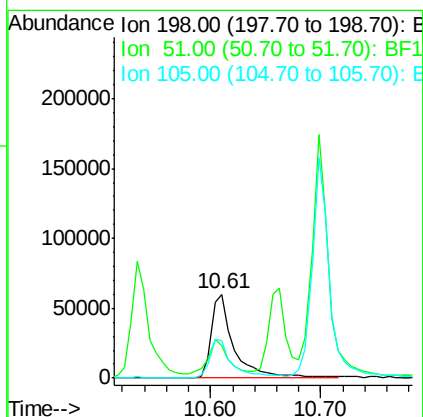
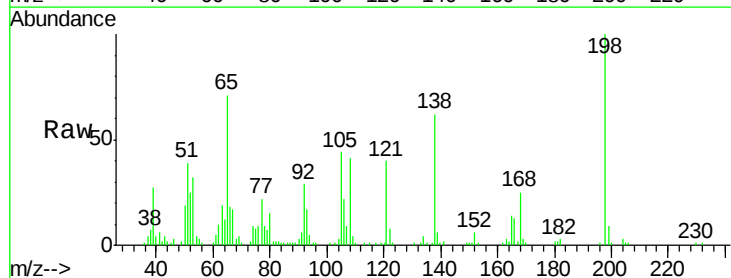
Instrument :
BNA_F
ClientSampled :

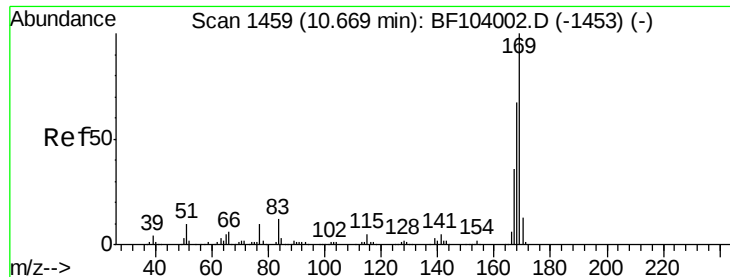
Tot Ion:188 Resp: 444807
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 31.375 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:198 Resp: 84477
Ion Ratio Lower Upper
198 100
51 38.6 37.7 77.7
105 44.1 36.3 76.3

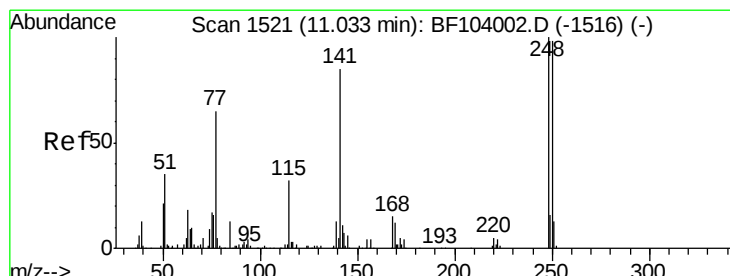
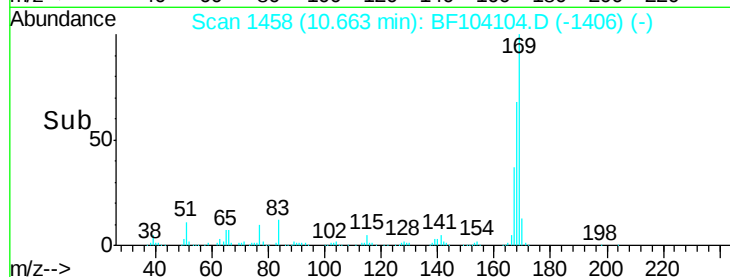
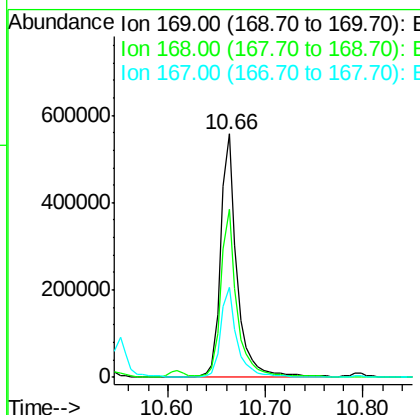
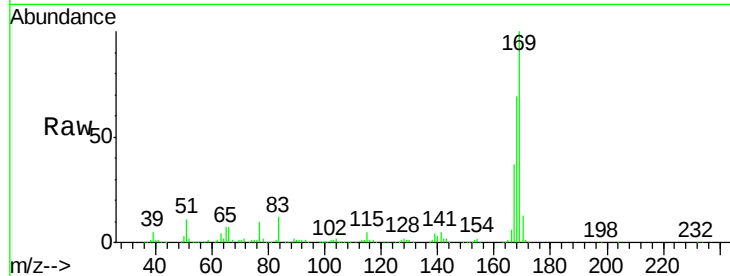




#65
n-Nitrosodiphenylamine
Concen: 42.669 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

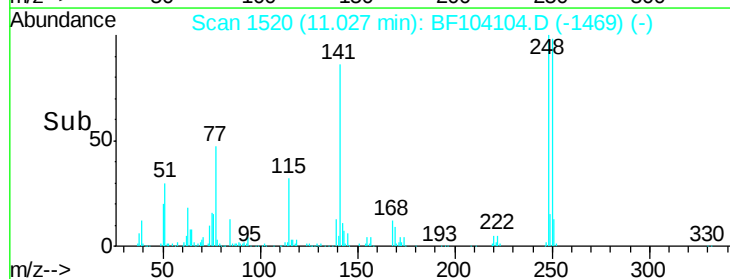
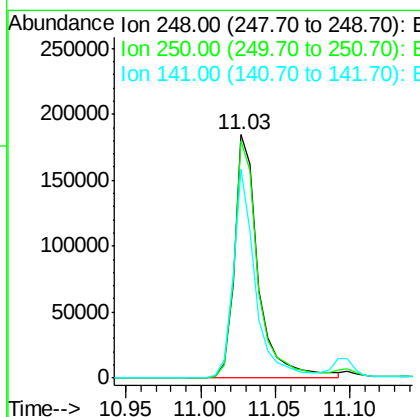
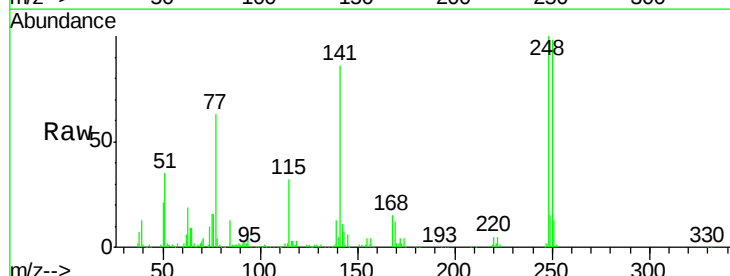
Instrument :
BNA_F
ClientSampleId :

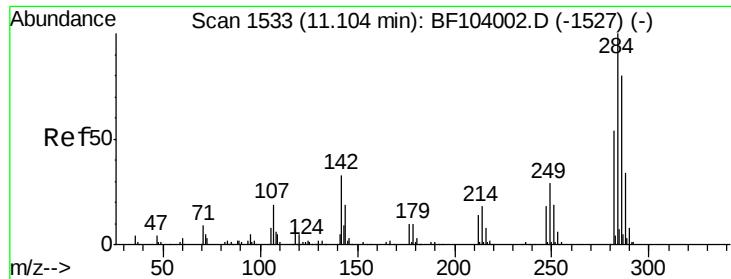
Tot Ion	169	Resp	642766
Ion	Ratio	Lower	Upper
169	100		
168	69.3	54.4	81.6
167	37.1	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 43.648 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion	248	Resp	207711
Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.9	115.3
141	86.0	74.4	111.6

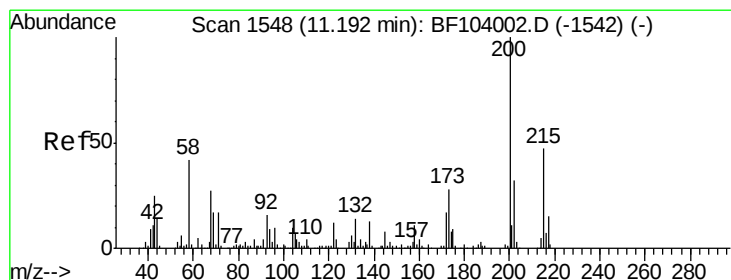
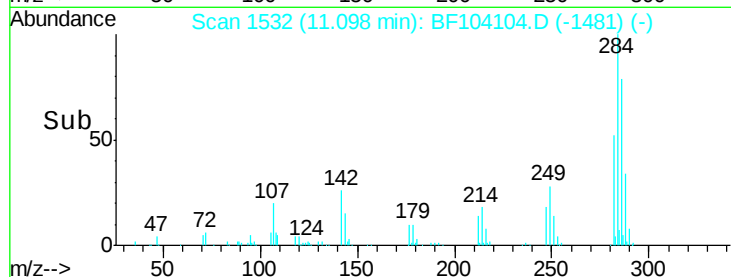
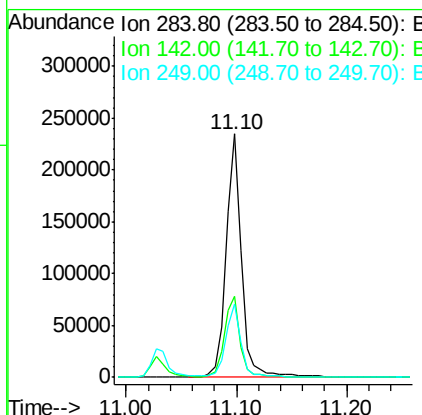
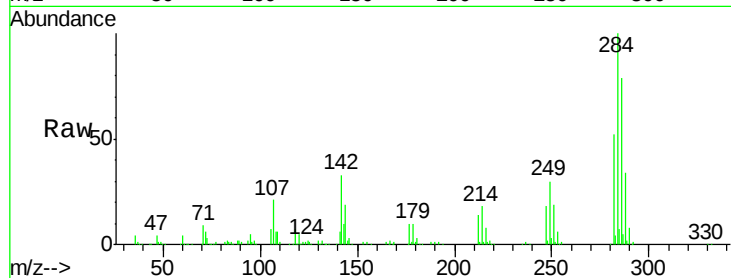




#67
Hexachlorobenzene
Concen: 41.999 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

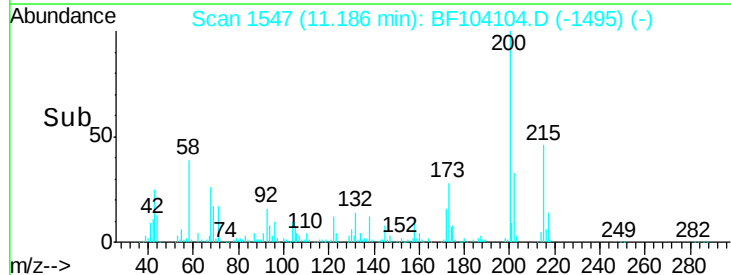
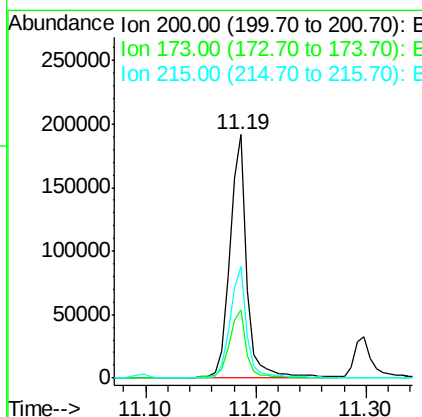
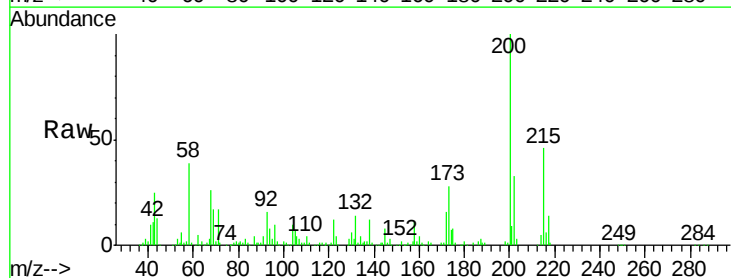
Instrument :
BNA_F
ClientSampleId :

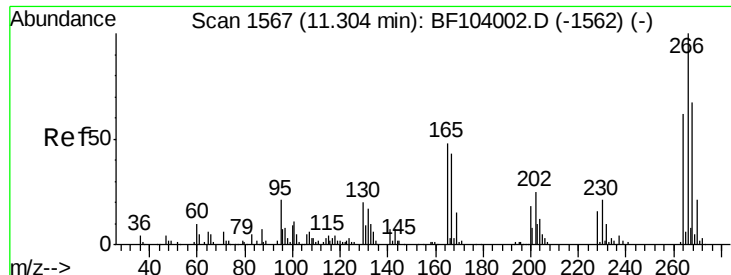
Tot Ion:284 Resp: 229907
Ion Ratio Lower Upper
284 100
142 33.4 34.6 52.0#
249 30.3 24.8 37.2



#68
Atrazine
Concen: 44.951 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:200 Resp: 207447
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 46.1 25.1 65.1

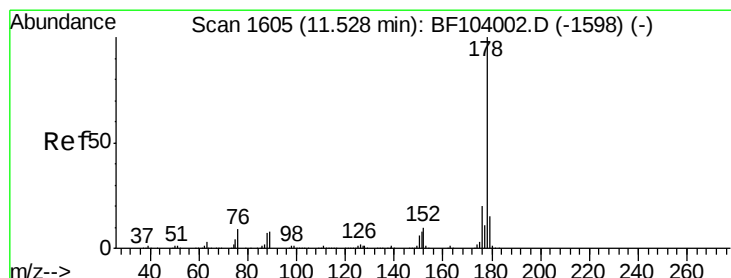
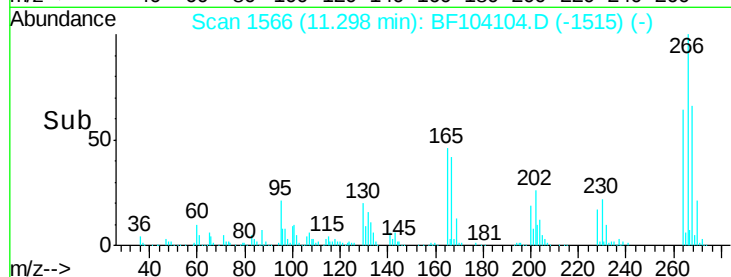
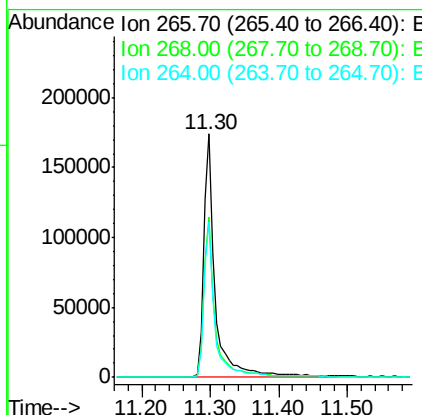
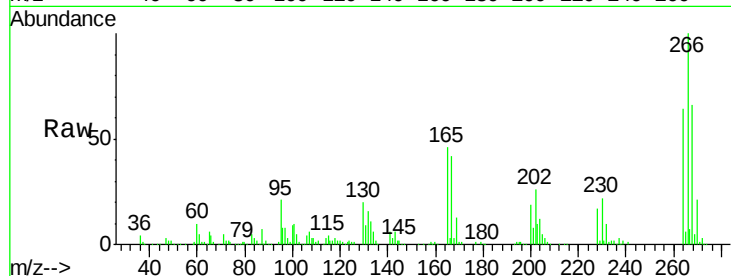




#69
 Pentachlorophenol
 Concen: 69.754 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

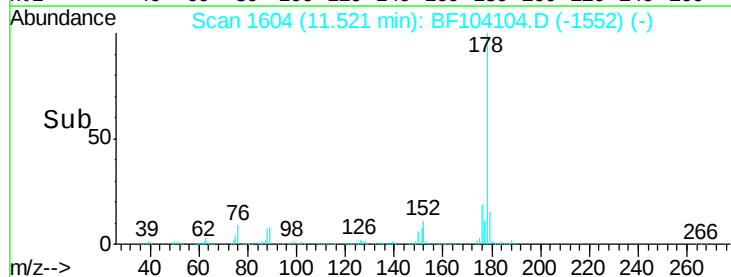
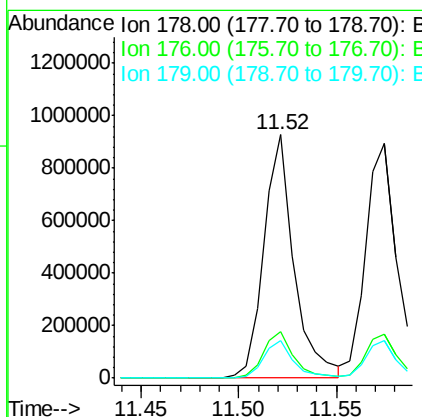
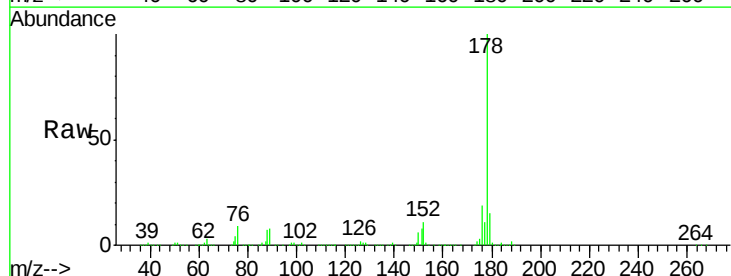
Instrument :
 BNA_F
 ClientSampled :

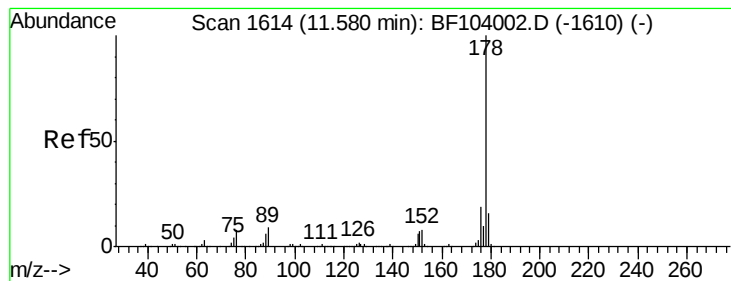
Tot Ion:266 Resp: 210117
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 41.366 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion:178 Resp: 996180
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.4 13.0 19.6





#71

Anthracene

Concen: 44.008 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampleId :

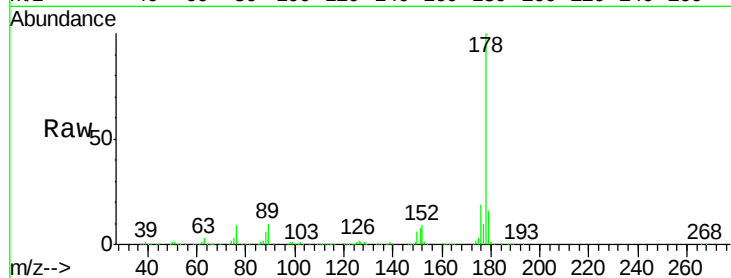
Tot Ion:178 Resp: 1107021

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

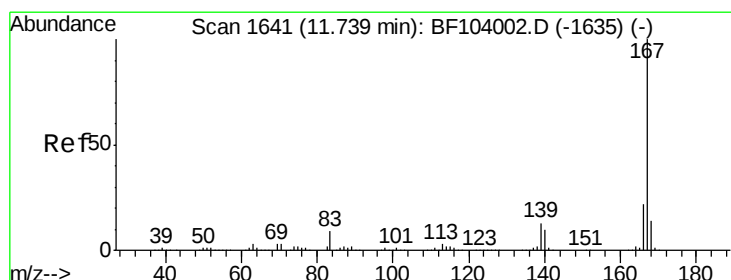
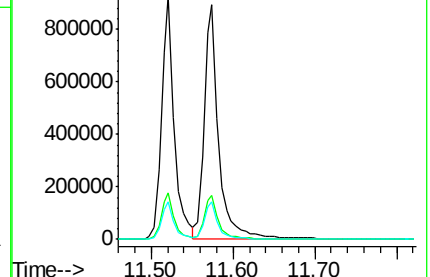
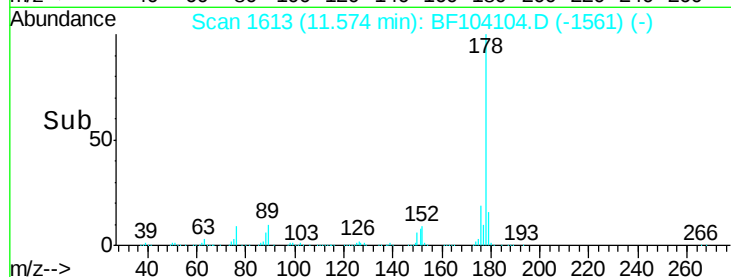
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.455 ng

RT: 11.73 min Scan# 1640

Delta R.T. 0.01 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

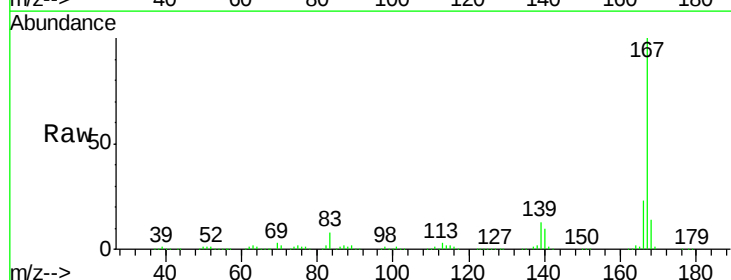
Tgt Ion:167 Resp: 995259

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

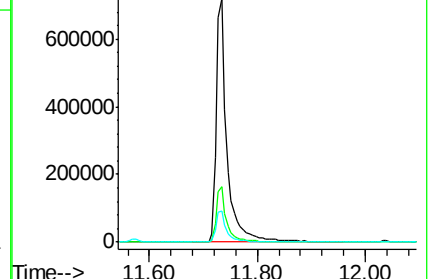
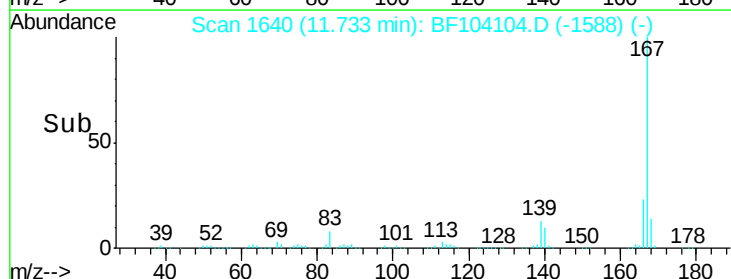
139 12.8 10.9 16.3

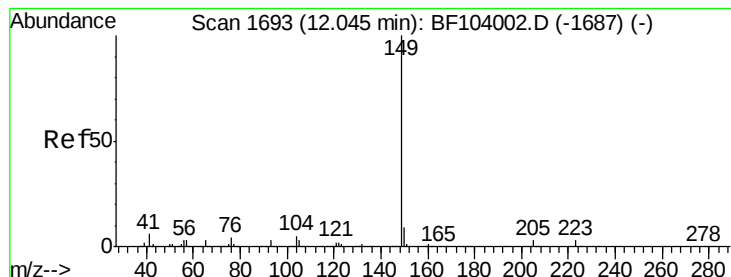


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.430 ng

RT: 12.04 min Scan# 1692

Delta R.T. 0.01 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampleId :

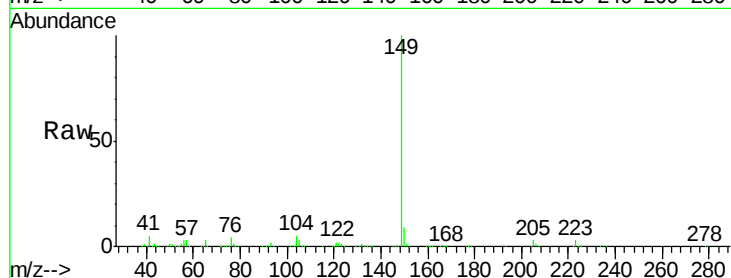
Tot Ion:149 Resp: 1184811

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

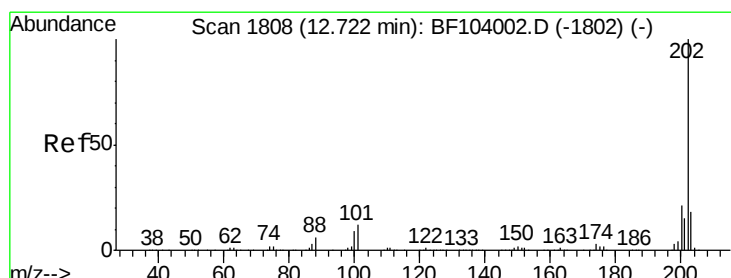
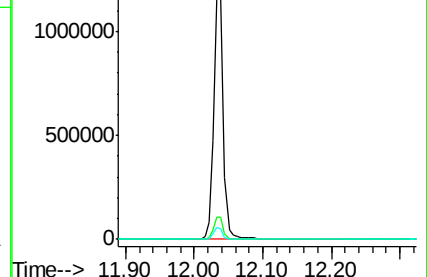
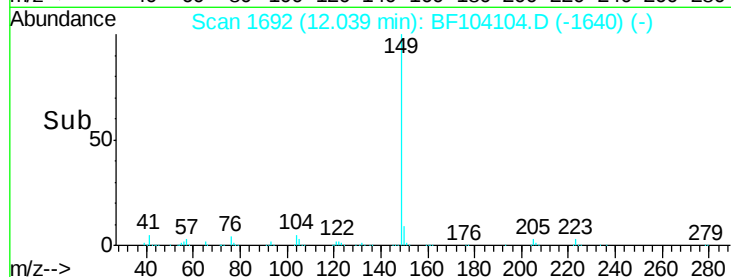
104 4.6 3.8 5.8



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: 41.070 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

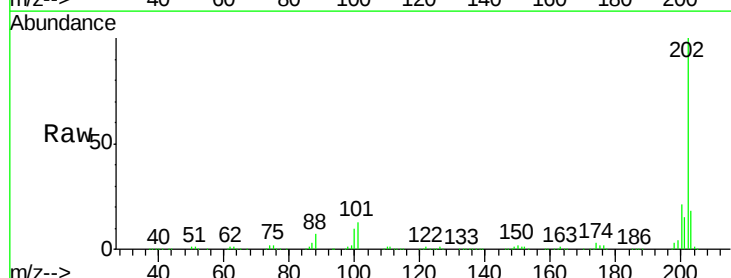
Tgt Ion:202 Resp: 1051333

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

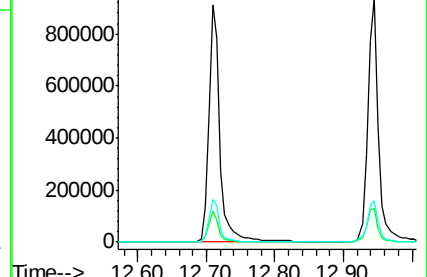
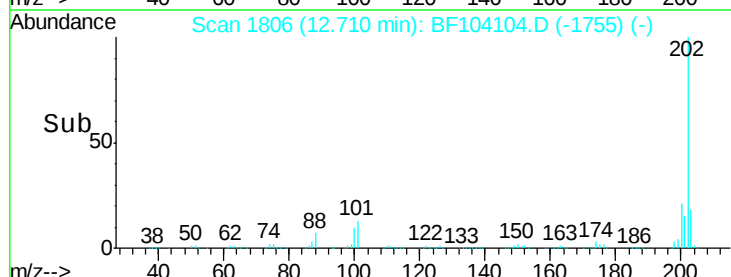
203 17.8 0.0 38.1

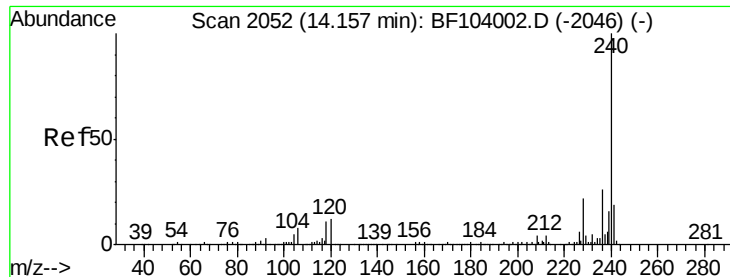


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampleId :

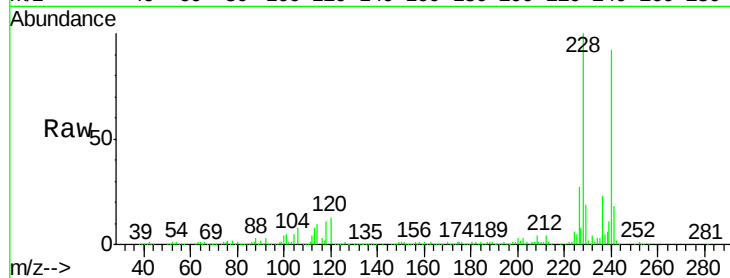
Tot Ion:240 Resp: 306143

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

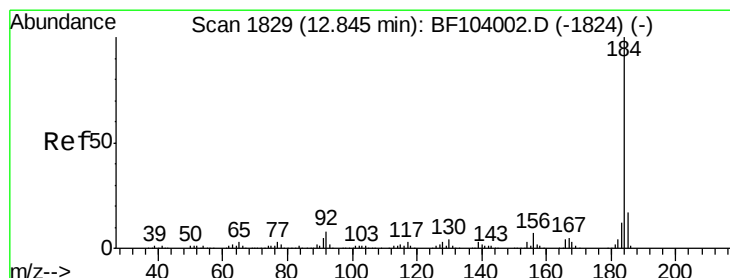
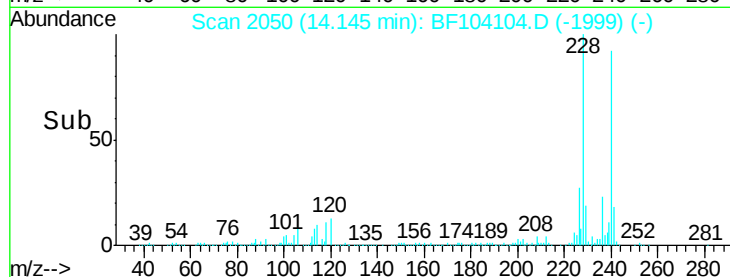
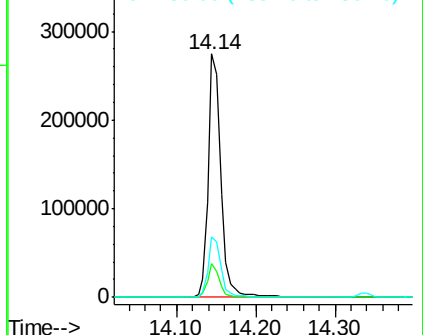
236 25.0 20.7 31.1



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: 45.227 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

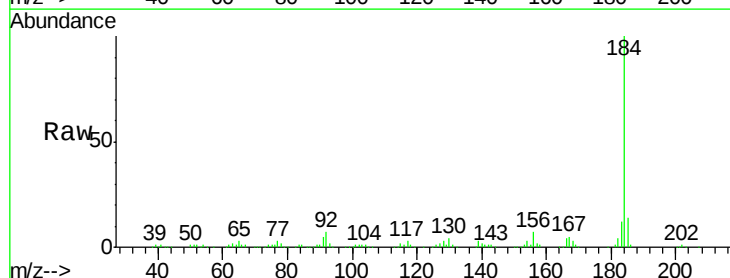
Tgt Ion:184 Resp: 394574

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

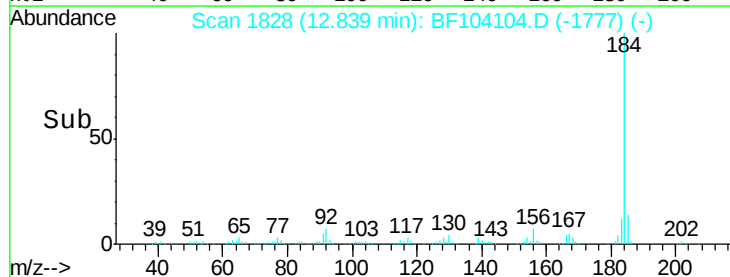
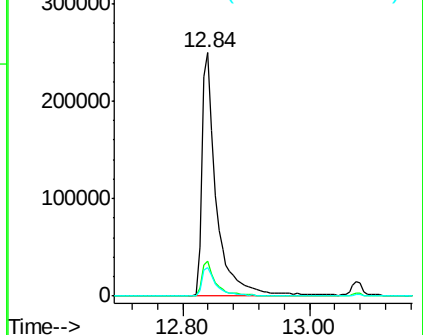
183 11.9 9.3 13.9

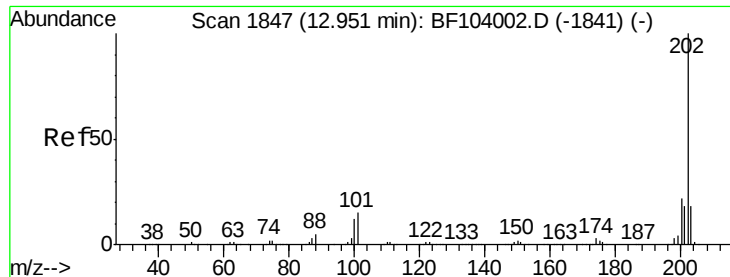


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

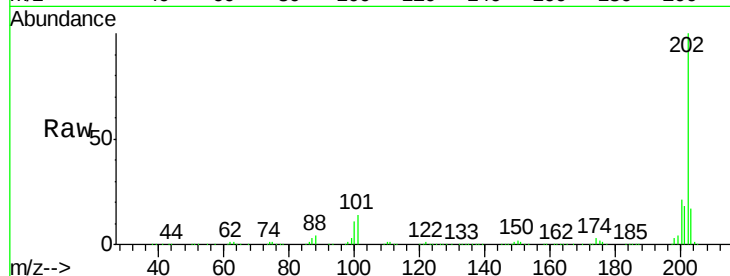




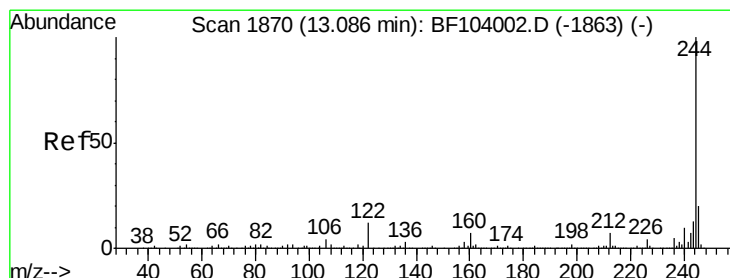
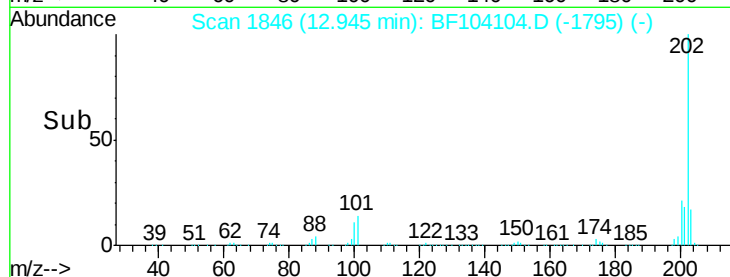
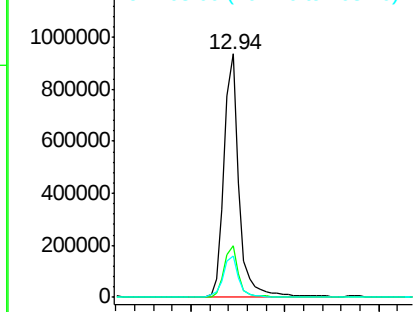
#77
 Pvrene
 Concen: 47.246 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1039768
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.4 26.2
 203 17.1 14.3 21.5

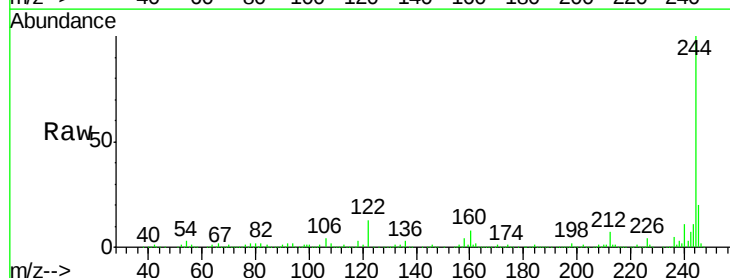


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

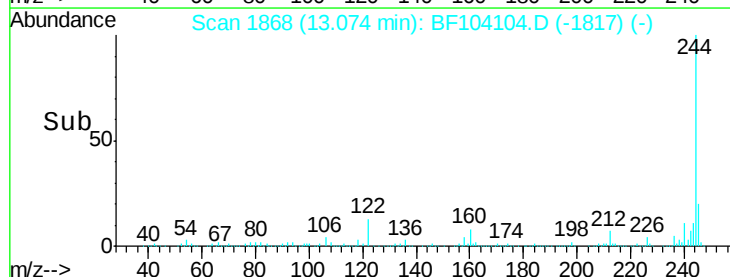
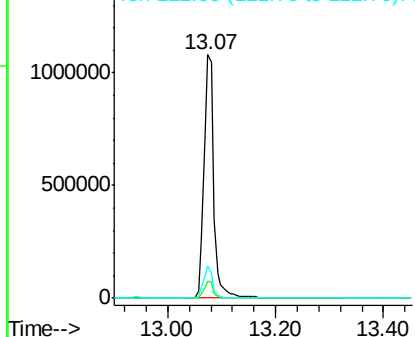


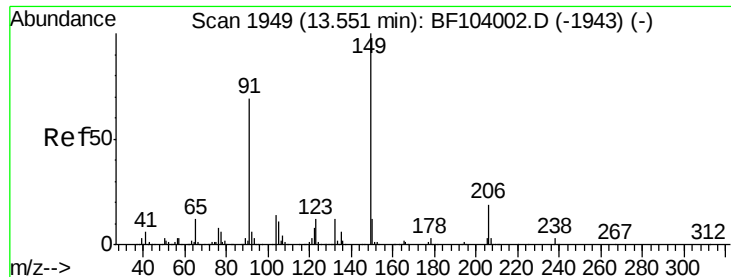
#78
 Terphenyl-d14
 Concen: 102.971 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion:244 Resp: 1365287
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.1 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

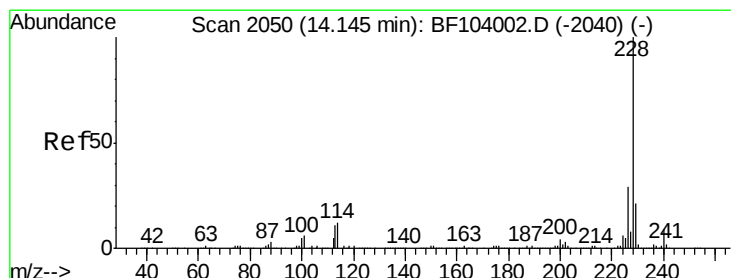
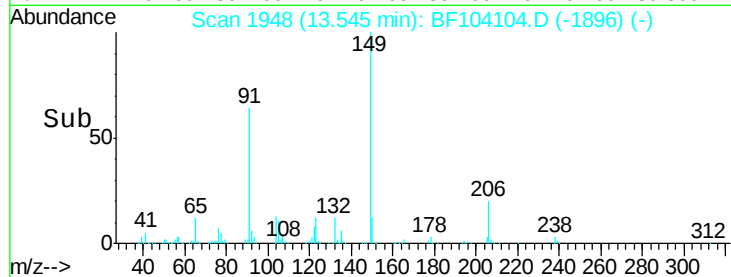
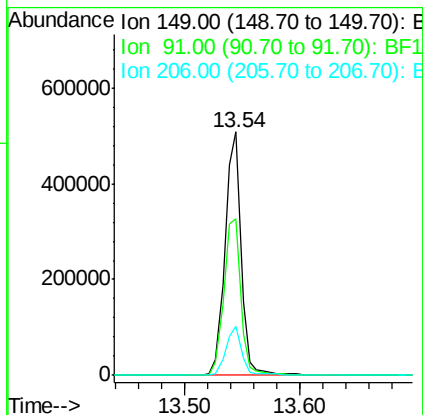
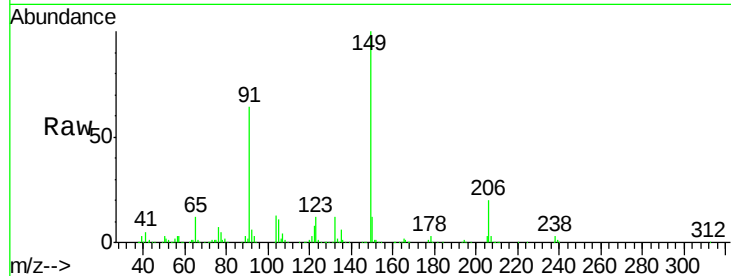




#79
Butylbenzylphthalate
Concen: 47.668 ng
RT: 13.54 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

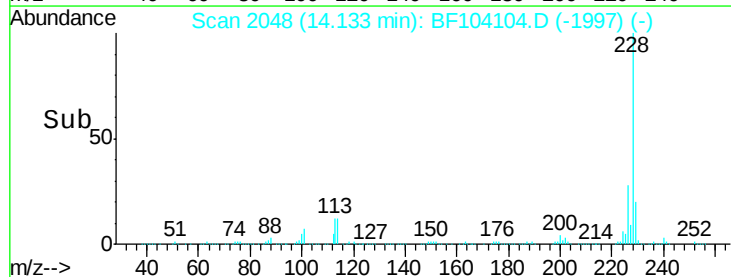
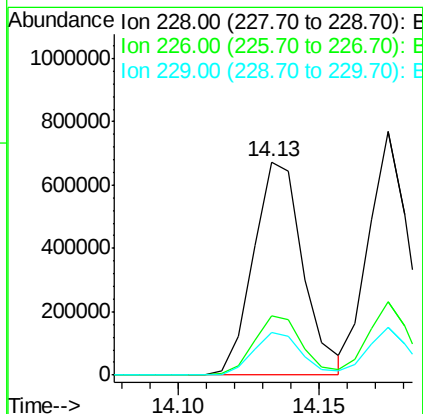
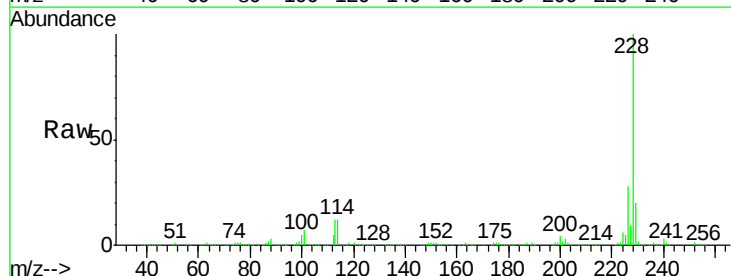
Instrument :
BNA_F
ClientSampleId :

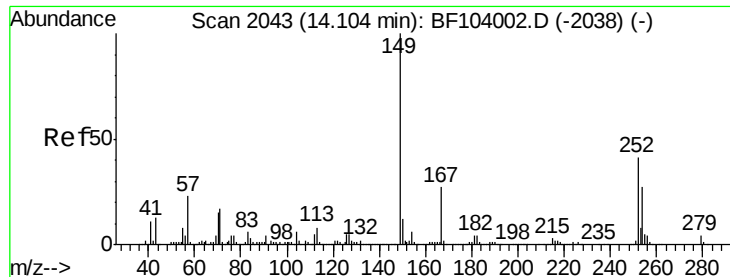
Tot Ion:149 Resp: 494229
Ion Ratio Lower Upper
149 100
91 64.2 56.8 85.2
206 20.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.841 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:228 Resp: 820655
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.8 15.8 23.6

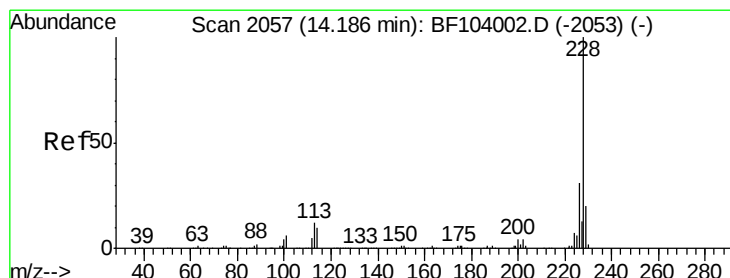
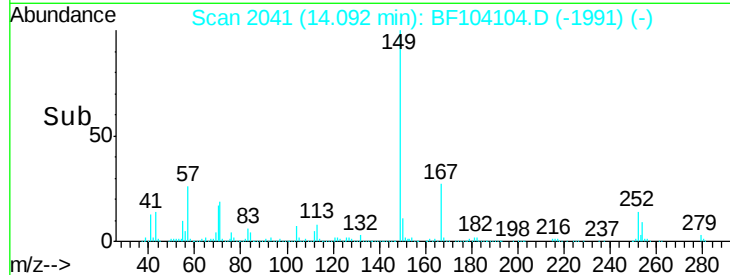
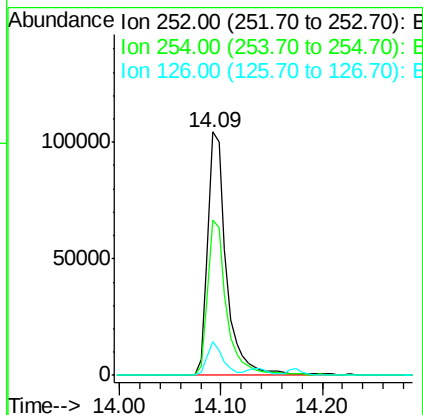
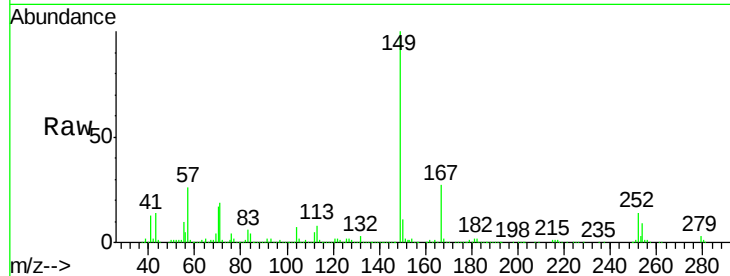




#81
 3,3'-Dichlorobenzidine
 Concen: 21.256 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

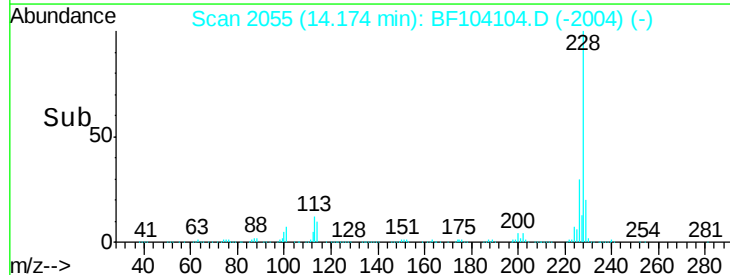
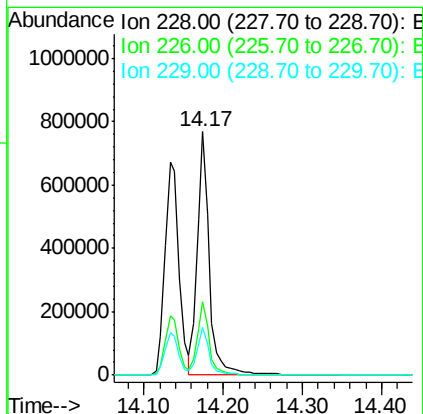
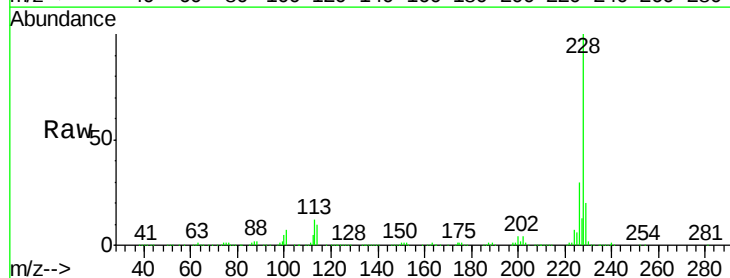
Instrument :
 BNA_F
 ClientSampleId :

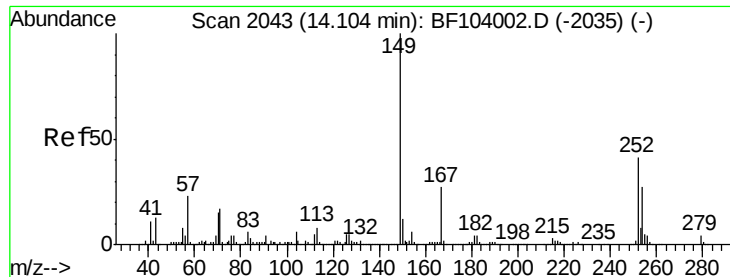
Tot Ion:252 Resp: 134775
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.4 75.6
 126 14.0 11.3 16.9



#82
 Chrysene
 Concen: 43.947 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion:228 Resp: 824544
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.9 16.2 24.4

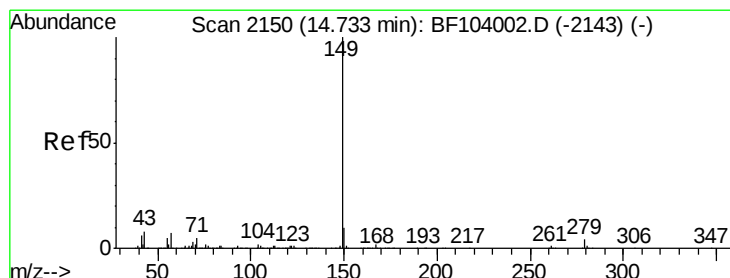
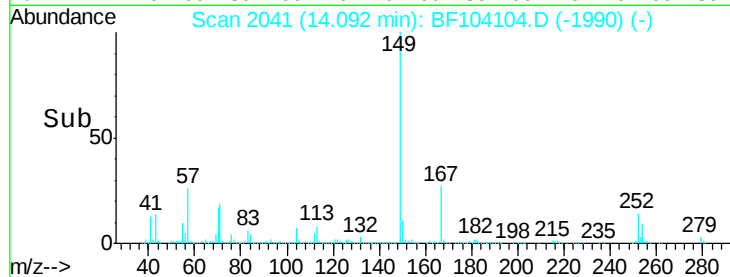
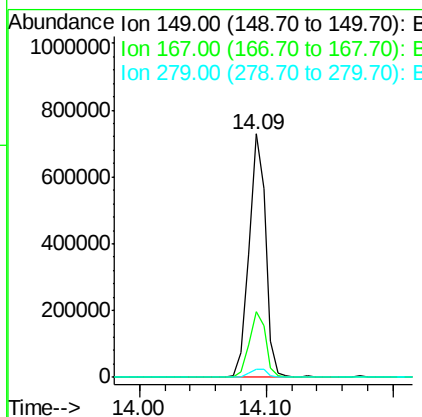
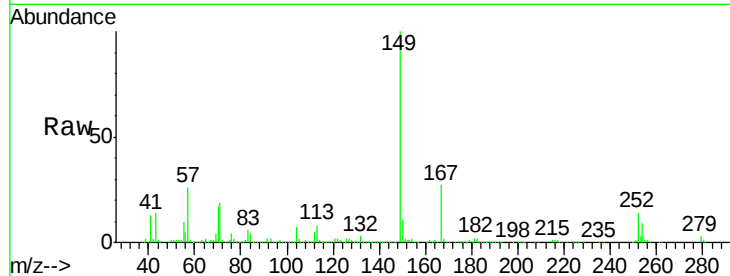




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.686 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

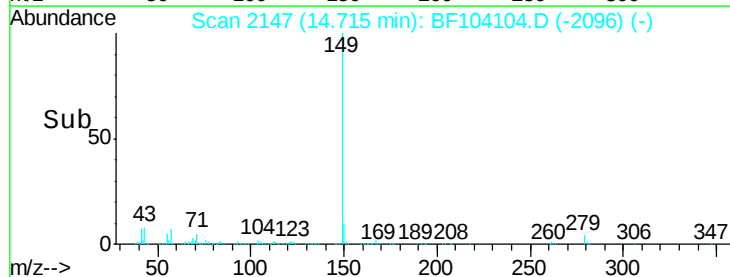
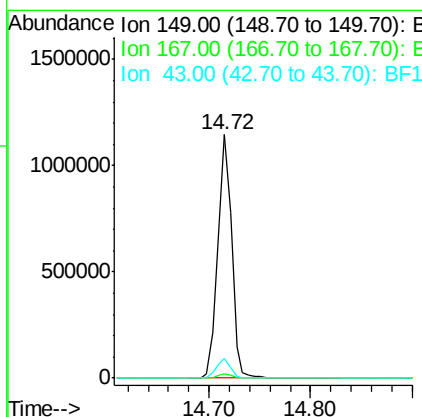
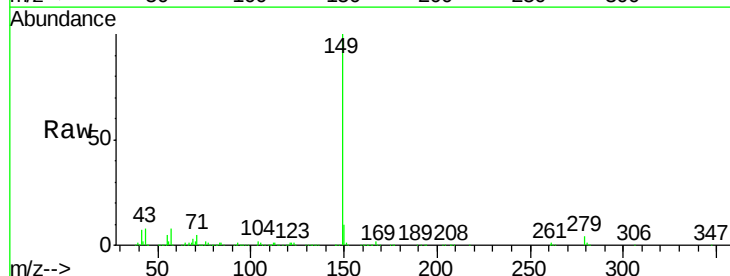
Instrument :
 BNA_F
 ClientSampled :

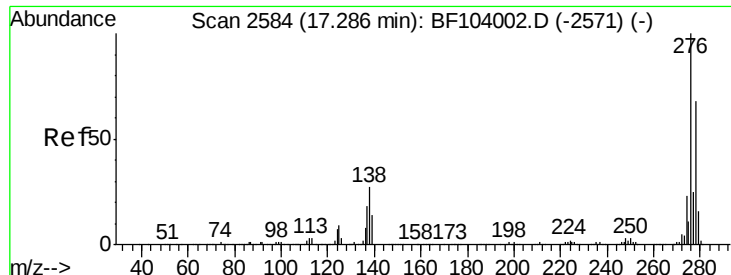
Tot Ion:149 Resp: 665612
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 47.661 ng
 RT: 14.72 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion:149 Resp: 1098324
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.0 8.4 12.6#

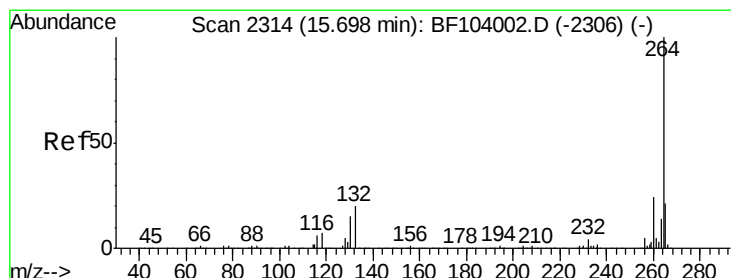
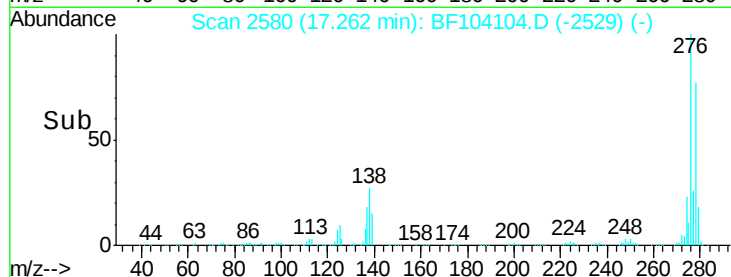
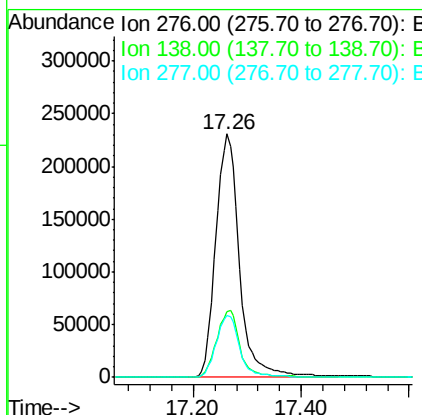
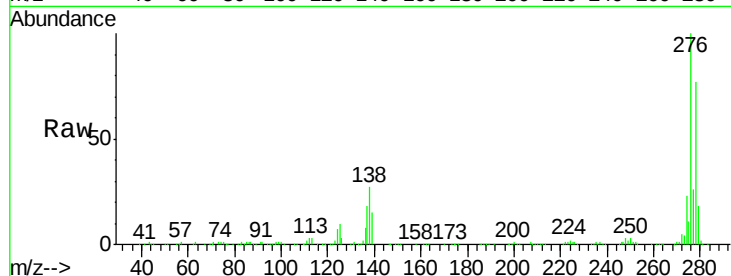




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.777 ng
 RT: 17.26 min Scan# 2580
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

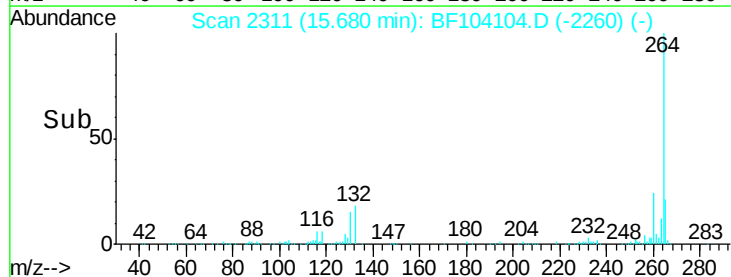
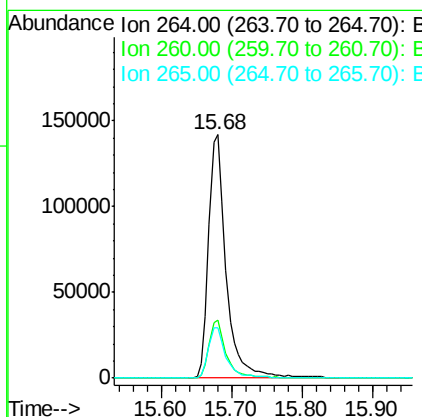
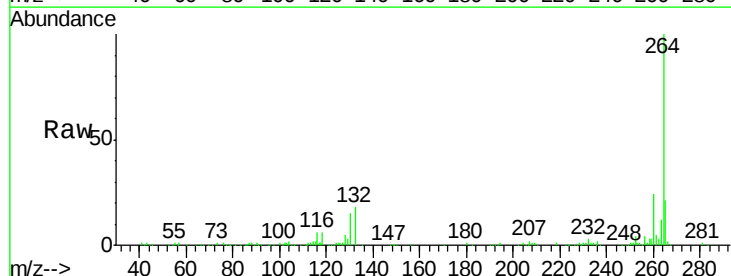
Instrument :
 BNA_F
 ClientSampleId :

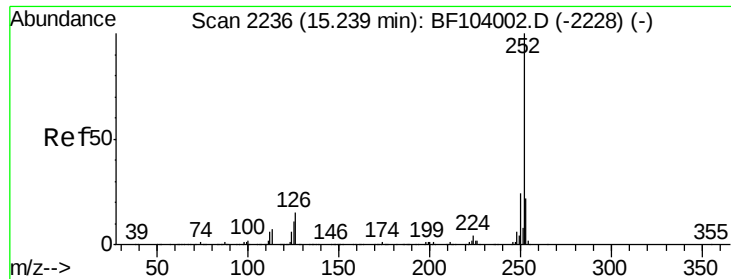
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BF104104.D
 Acq: 30 Mar 2018 20:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3

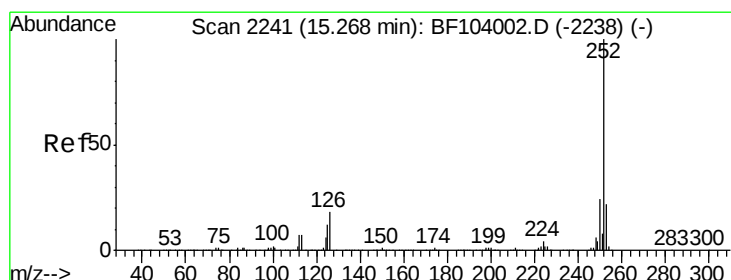
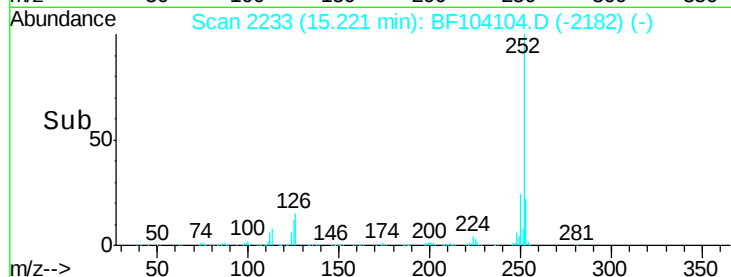
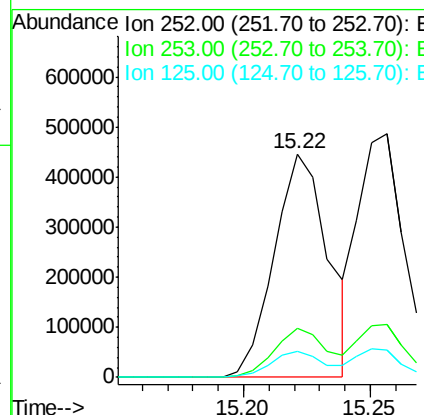
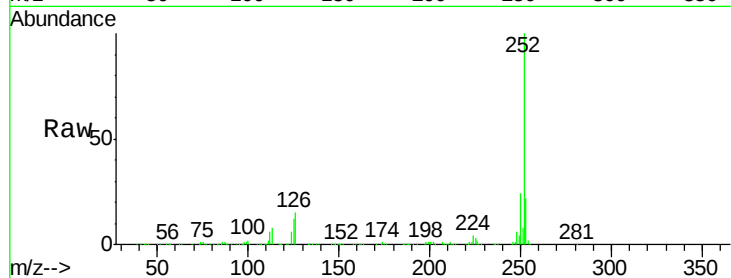




#87
Benzo(b)fluoranthene
Concen: 43.910 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

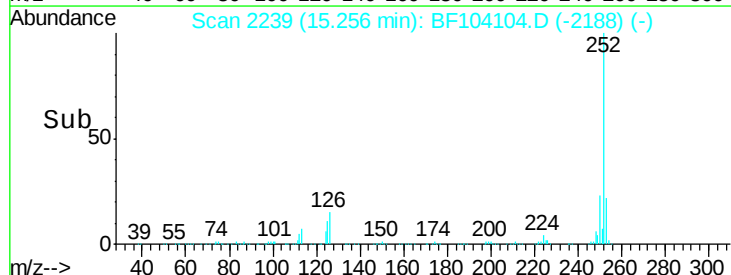
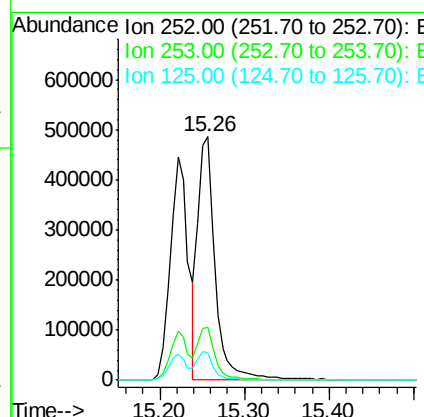
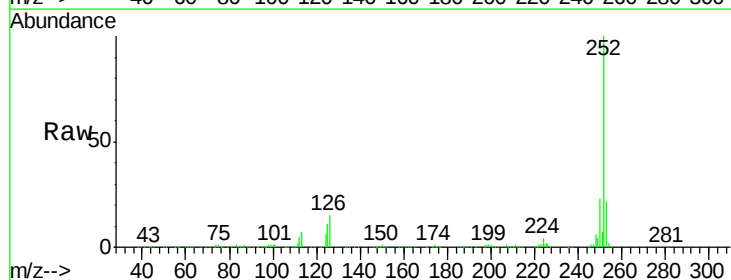
Instrument :
BNA_F
ClientSampleId :

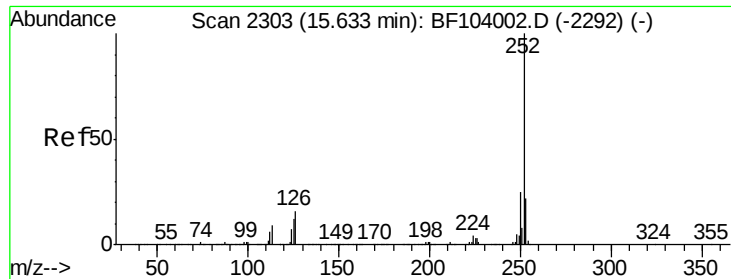
Tot Ion:252 Resp: 658893
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 47.731 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:252 Resp: 674704
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.0 10.2 15.2

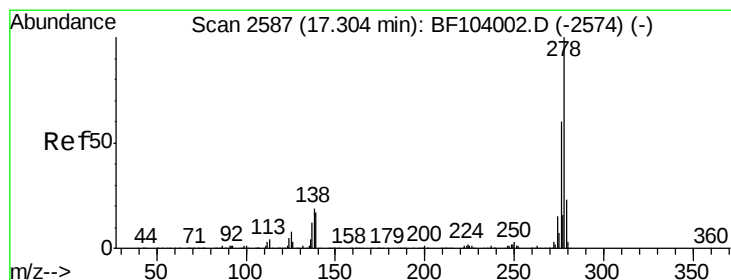
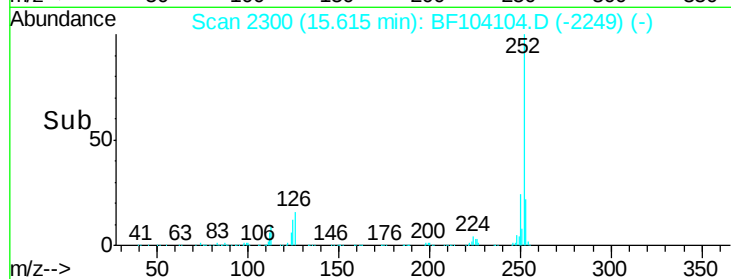
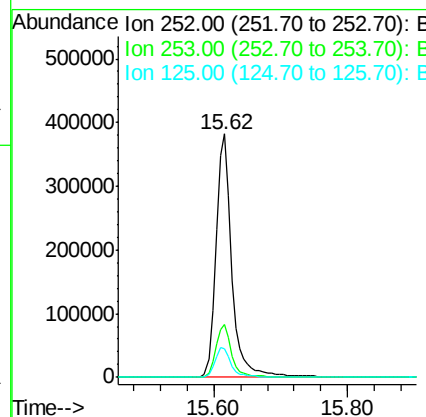
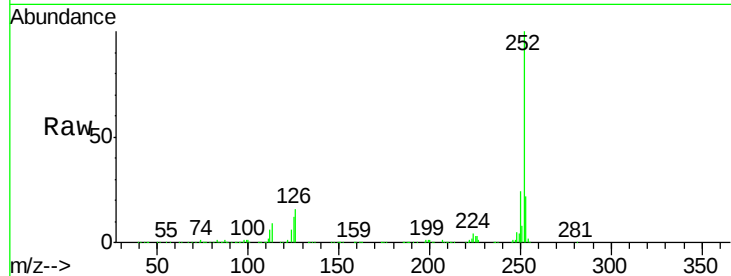




#89
Benzo(a)pyrene
Concen: 45.482 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

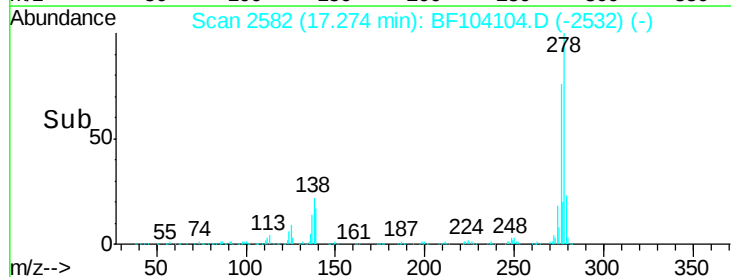
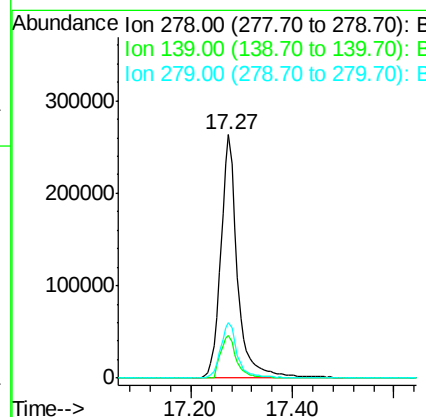
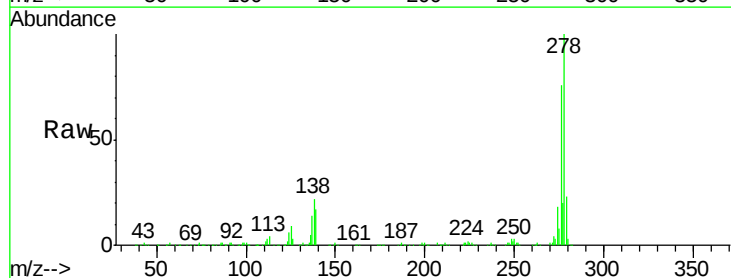
Instrument :
BNA_F
ClientSampled :

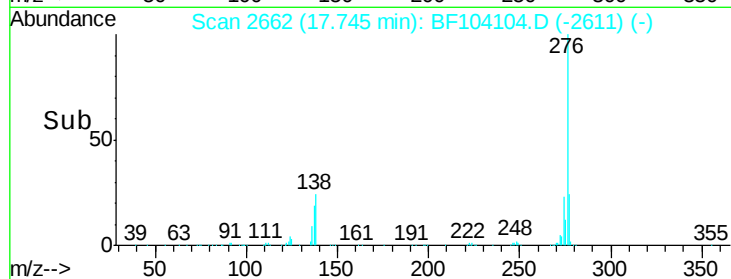
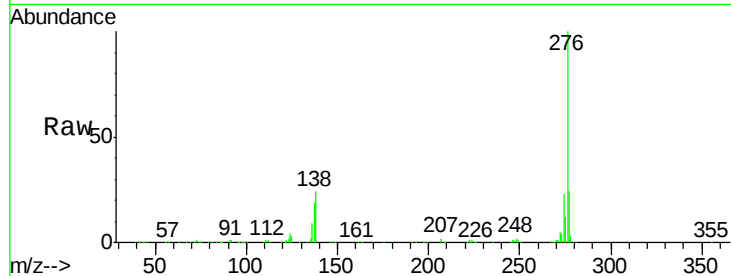
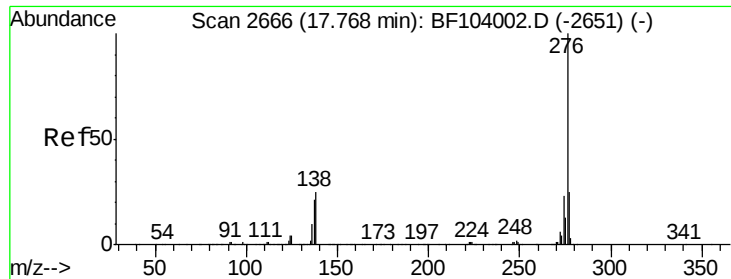
Tot Ion:252 Resp: 632453
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 12.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 46.760 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF104104.D
Acq: 30 Mar 2018 20:27

Tgt Ion:278 Resp: 601173
Ion Ratio Lower Upper
278 100
139 17.4 15.9 23.9
279 22.7 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 46.282 ng

RT: 17.74 min Scan# 2662

Delta R.T. 0.00 min

Lab File: BF104104.D

Acq: 30 Mar 2018 20:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 596004

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 23.6 21.8 32.8

