

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104006.D
 Acq On : 28 Mar 2018 13:32
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 14:15:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	119056	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	493456	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	233089	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	433618	20.00	ng	0.00
75) Chrysene-d12	14.16	240	368047	20.00	ng	0.00
86) Perylene-d12	15.71	264	380856	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	596003	79.83	ng	0.00
7) Phenol-d6	6.60	99	729121	79.38	ng	0.00
23) Nitrobenzene-d5	7.53	82	641035	79.45	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	204100	78.64	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1159205	78.42	ng	0.00
78) Terphenyl-d14	13.09	244	1167033	73.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	130057	40.393	ng	# 86
3) Pyridine	3.61	79	314864	38.628	ng	89
4) n-Nitrosodimethylamine	3.58	42	82049	33.865	ng	# 66
6) Aniline	6.64	93	458751	41.722	ng	94
8) 2-Chlorophenol	6.76	128	324417	39.615	ng	95
9) Benzaldehyde	6.52	77	205382	45.152	ng	98
10) Phenol	6.62	94	403088	39.609	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	349020	39.799	ng	94
12) 1,3-Dichlorobenzene	6.90	146	365004	39.651	ng	98
13) 1,4-Dichlorobenzene	6.98	146	386826	39.217	ng	99
14) 1,2-Dichlorobenzene	7.13	146	343879	38.788	ng	99
15) Benzyl Alcohol	7.11	79	245953	41.186	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	369938	38.721	ng	63
17) 2-Methylphenol	7.22	107	270979	40.656	ng	95
18) Hexachloroethane	7.47	117	129943	39.347	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	216724	39.760	ng	93
20) 3+4-Methylphenols	7.37	107	358594	42.155	ng	# 52
22) Acetophenone	7.37	105	472461	39.573	ng	# 99
24) Nitrobenzene	7.55	77	347180	40.894	ng	97
25) Isophorone	7.78	82	556174	37.402	ng	99
26) 2-Nitrophenol	7.86	139	178987	40.389	ng	94
27) 2,4-Dimethylphenol	7.90	122	249658	39.062	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	358354	38.451	ng	98
29) 2,4-Dichlorophenol	8.10	162	268237	40.181	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	297289	39.249	ng	98
31) Naphthalene	8.27	128	947225	39.292	ng	99
32) Benzoic acid	8.03	122	191426	40.885	ng	94
33) 4-Chloroaniline	8.32	127	408147	40.159	ng	98
34) Hexachlorobutadiene	8.37	225	159138	38.609	ng	98
35) Caprolactam	8.70	113	85928	40.595	ng	# 78
36) 4-Chloro-3-methylphenol	8.80	107	285120	40.380	ng	98
37) 2-Methylnaphthalene	8.96	142	619666	39.023	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	276696	38.711	ng	98
40) Hexachlorocyclopentadiene	9.10	237	115443	37.389	ng	99

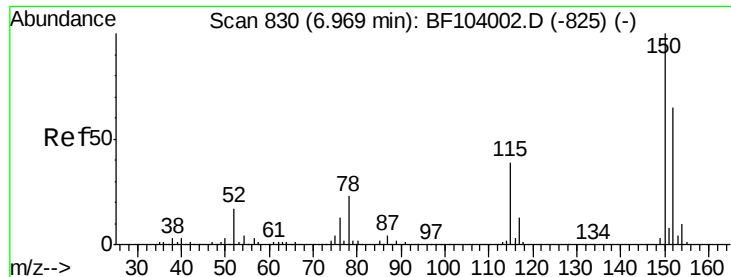
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104006.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	174137	38.474	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	219538	40.173	ng	94
45) 1,1'-Biphenyl	9.42	154	771745	38.577	ng	99
46) 2-Chloronaphthalene	9.45	162	612089	38.788	ng	99
47) 2-Nitroaniline	9.56	65	178898	39.757	ng	92
48) Acenaphthylene	9.87	152	929405	38.876	ng	100
49) Dimethylphthalate	9.72	163	705835	38.354	ng	100
50) 2,6-Dinitrotoluene	9.79	165	160181	40.457	ng	88
51) Acenaphthene	10.04	154	533726	38.592	ng	100
52) 3-Nitroaniline	9.97	138	181257	39.825	ng	93
53) 2,4-Dinitrophenol	10.07	184	67009	41.640	ng	# 27
54) Dibenzofuran	10.21	168	778229	38.534	ng	98
55) 4-Nitrophenol	10.14	139	112632	41.273	ng	92
56) 2,4-Dinitrotoluene	10.20	165	205419	40.660	ng	# 93
57) Fluorene	10.56	166	640953	38.474	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	162085	39.587	ng	90
59) Diethylphthalate	10.42	149	673330	38.192	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	290965	38.027	ng	94
61) 4-Nitroaniline	10.59	138	171370	40.240	ng	93
62) Azobenzene	10.70	77	623654	39.121	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	107618	41.001	ng	79
65) n-Nitrosodiphenylamine	10.67	169	563690	38.385	ng	98
66) 4-Bromophenyl-phenylether	11.03	248	178713	38.523	ng	95
67) Hexachlorobenzene	11.10	284	204520	38.326	ng	# 89
68) Atrazine	11.19	200	172277	38.293	ng	98
69) Pentachlorophenol	11.30	266	114380	38.951	ng	99
70) Phenanthrene	11.53	178	908542	38.700	ng	98
71) Anthracene	11.58	178	953410	38.880	ng	99
72) Carbazole	11.74	167	920701	39.339	ng	99
73) Di-n-butylphthalate	12.05	149	1039723	37.295	ng	100
74) Fluoranthene	12.72	202	976007	39.112	ng	97
76) Benzidine	12.85	184	418240	39.876	ng	97
77) Pyrene	12.95	202	1000420	37.813	ng	100
79) Butylbenzylphthalate	13.55	149	457265	36.685	ng	100
80) Benzo(a)anthracene	14.15	228	886138	38.479	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	291015	38.177	ng	97
82) Chrysene	14.19	228	862743	38.249	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	566240	35.159	ng	99
84) Di-n-octyl phthalate	14.74	149	1006903	36.345	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.30	276	933697	39.946	ng	96
87) Benzo(b)fluoranthene	15.25	252	854172	36.852	ng	100
88) Benzo(k)fluoranthene	15.28	252	877243	40.177	ng	99
89) Benzo(a)pyrene	15.64	252	821247	38.234	ng	99
90) Dibenzo(a,h)anthracene	17.32	278	766233	38.584	ng	98
91) Benzo(g,h,i)perylene	17.79	276	776235	39.024	ng	97

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

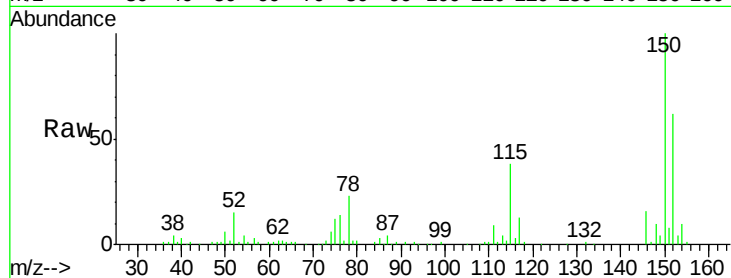


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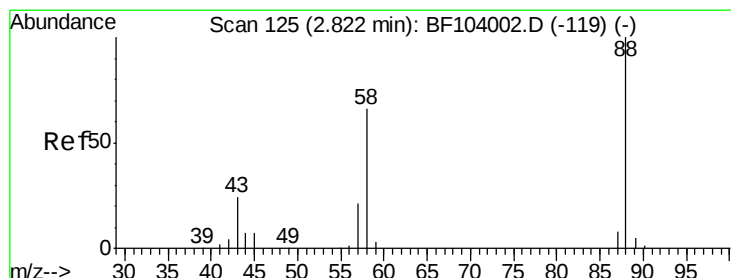
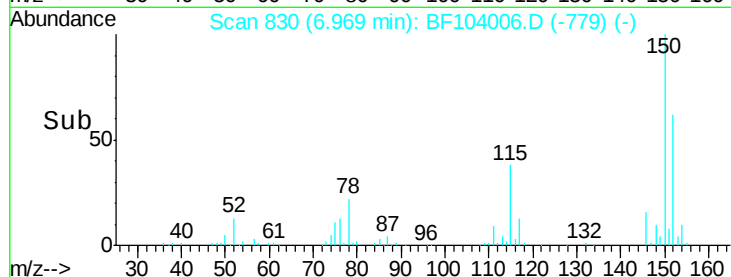
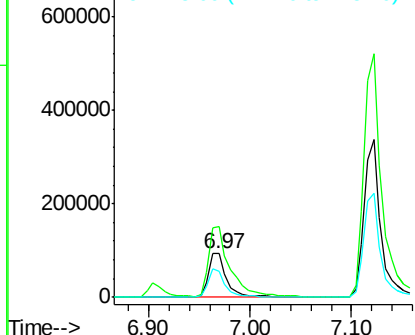
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119056
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 60.7 50.1 75.1



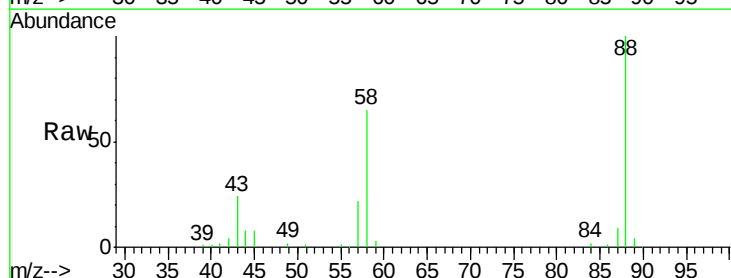
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



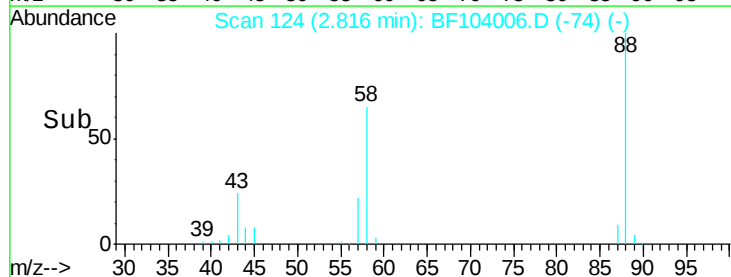
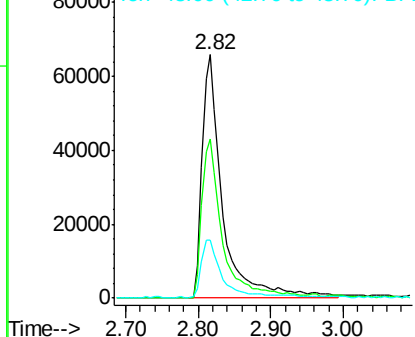
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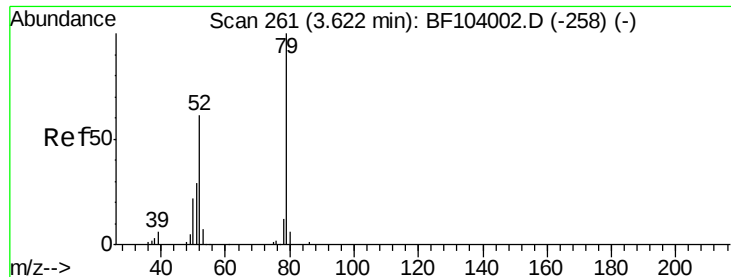
1,4-Dioxane
Concen: 40.393 ng
RT: 2.82 min Scan# 124
Delta R.T. -0.01 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion: 88 Resp: 130057
Ion Ratio Lower Upper
88 100
58 65.4 62.6 93.8
43 23.6 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: 38.628 ng

RT: 3.61 min Scan# 259

Delta R.T. -0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

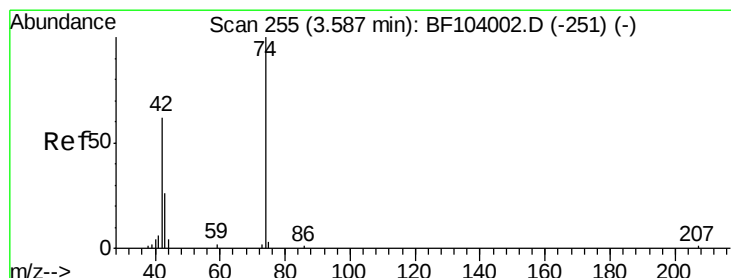
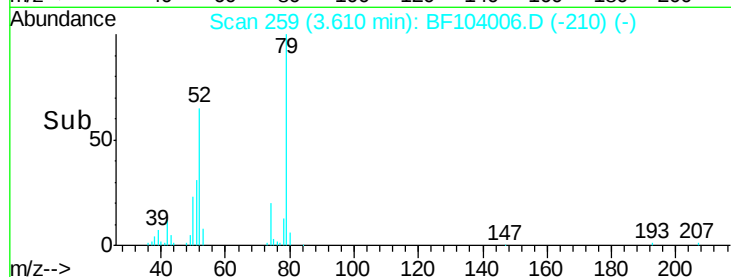
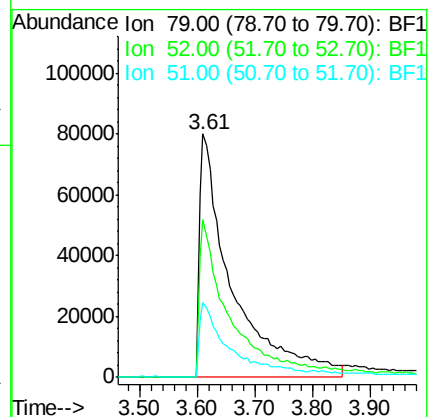
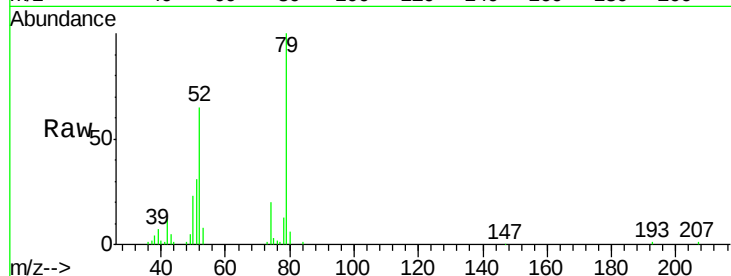
Tot Ion: 79 Resp: 314864

Ion Ratio Lower Upper

79 100

52 64.9 59.8 89.6

51 30.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.865 ng

RT: 3.58 min Scan# 254

Delta R.T. -0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

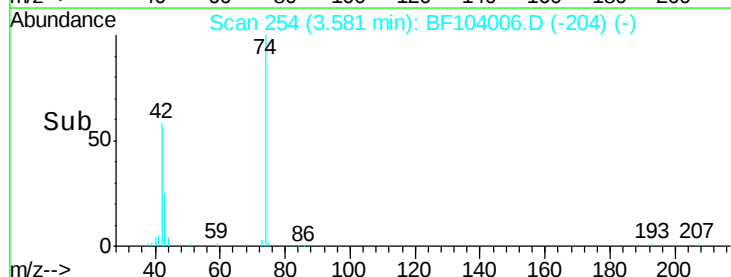
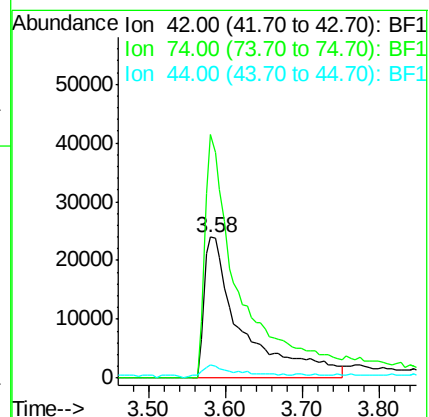
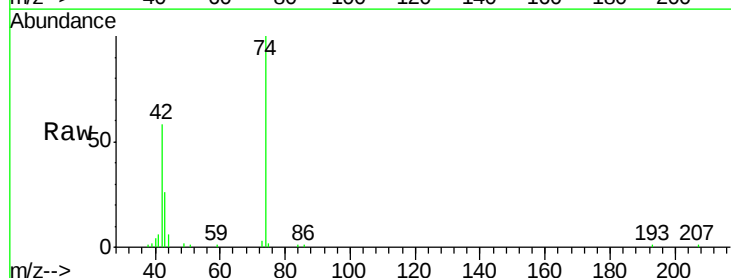
Tgt Ion: 42 Resp: 82049

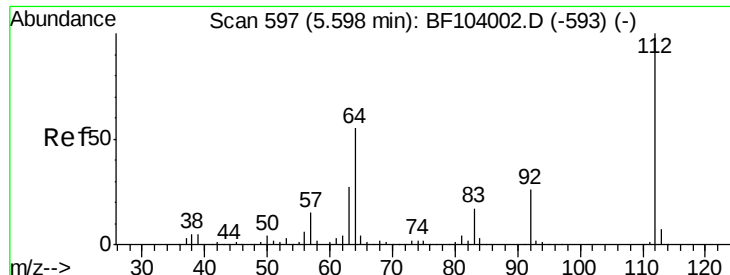
Ion Ratio Lower Upper

42 100

74 173.0 104.9 157.3#

44 9.7 6.9 10.3





#5

2-Fluorophenol

Concen: 79.834 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampled :

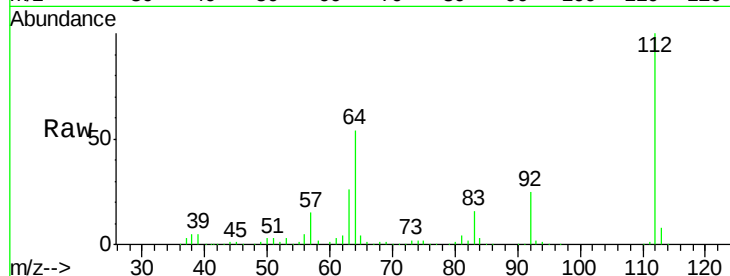
Tot Ion:112 Resp: 596003

Ion Ratio Lower Upper

112 100

64 54.2 47.9 71.9

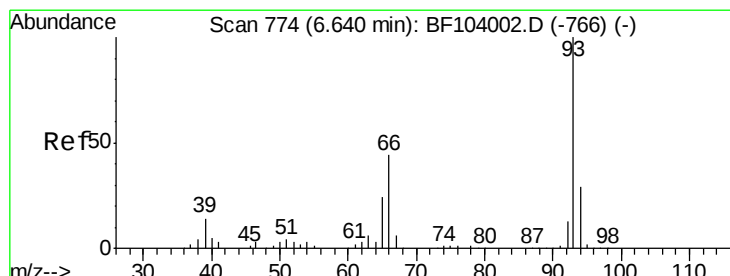
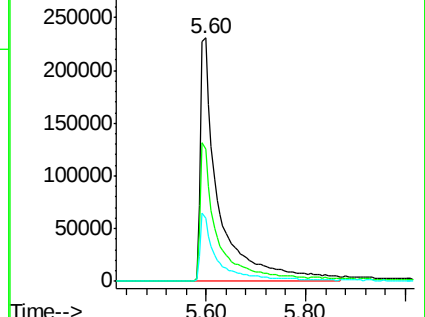
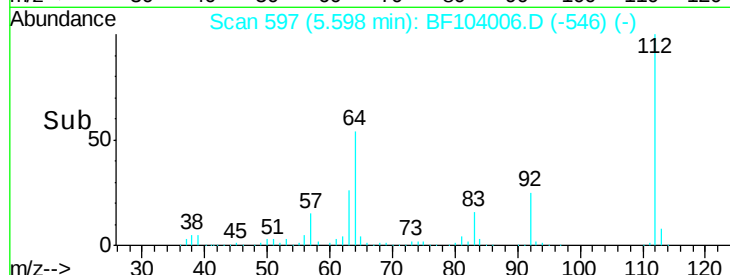
63 26.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.722 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

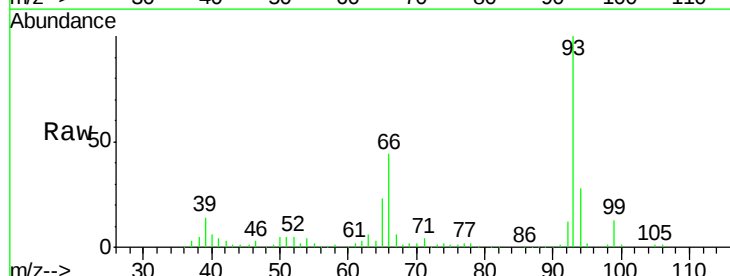
Tgt Ion: 93 Resp: 458751

Ion Ratio Lower Upper

93 100

66 44.0 32.2 48.2

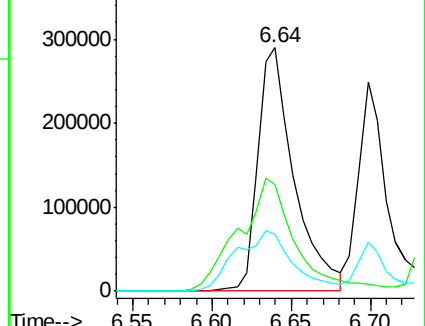
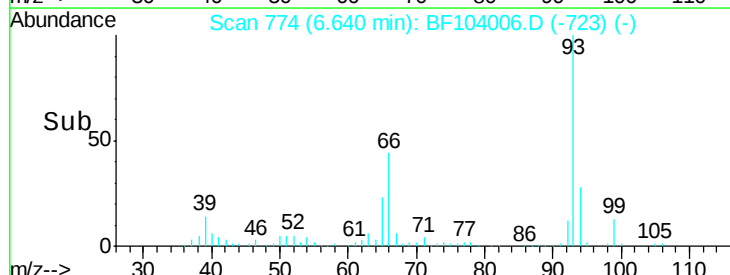
65 23.4 16.4 24.6

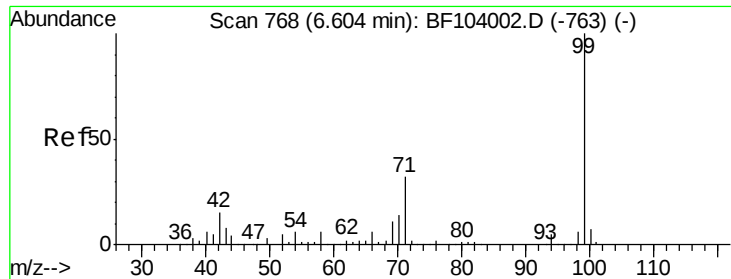


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.383 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

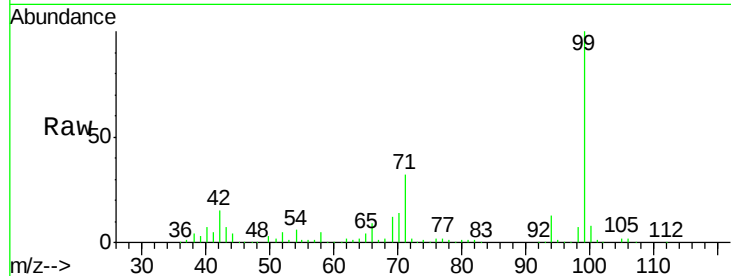
Tot Ion: 99 Resp: 729121

Ion Ratio Lower Upper

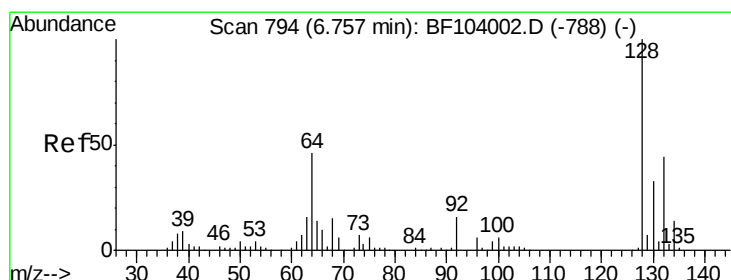
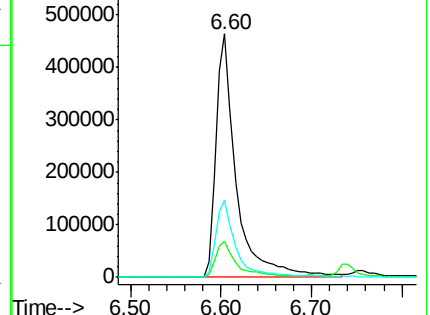
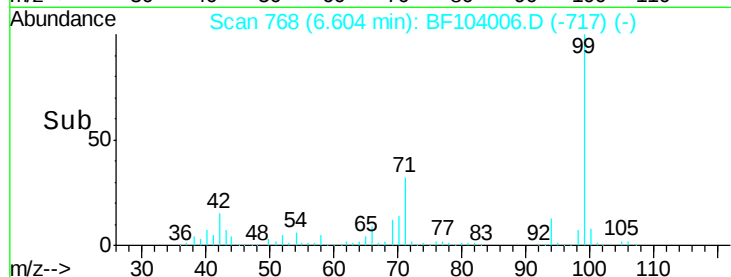
99 100

42 15.0 14.5 21.7

71 31.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.615 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

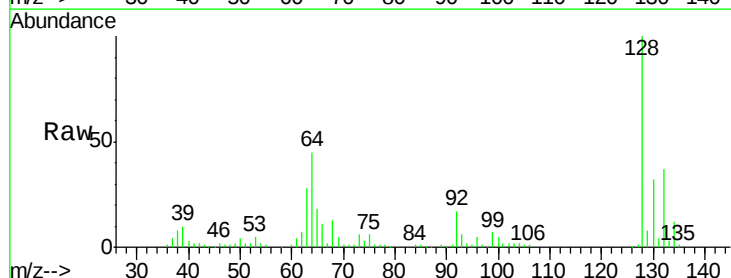
Tgt Ion: 128 Resp: 324417

Ion Ratio Lower Upper

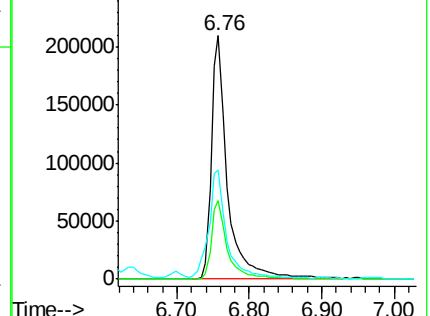
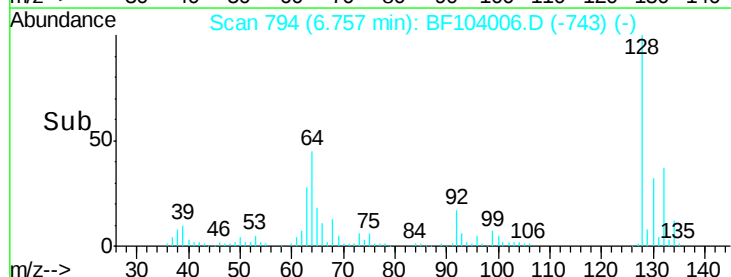
128 100

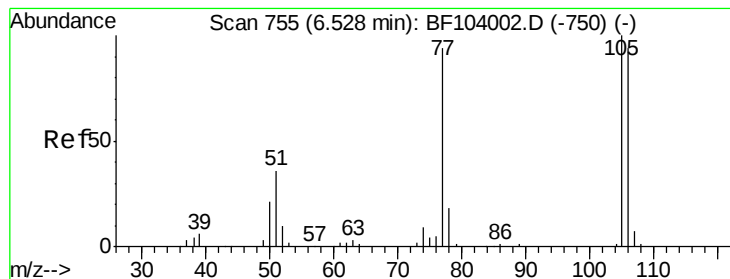
130 32.2 13.0 53.0

64 44.9 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: 45.152 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

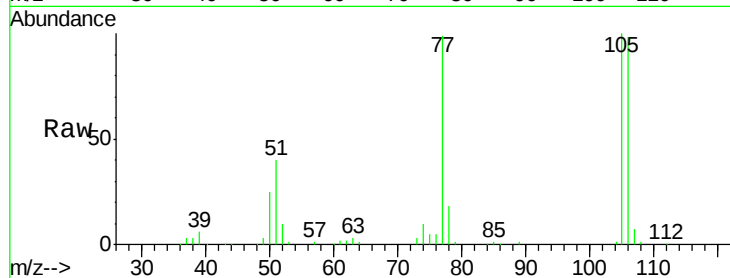
Tot Ion: 77 Resp: 205382

Ion Ratio Lower Upper

77 100

105 100.9 81.1 121.1

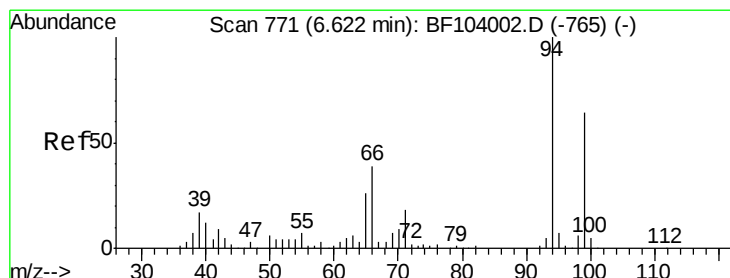
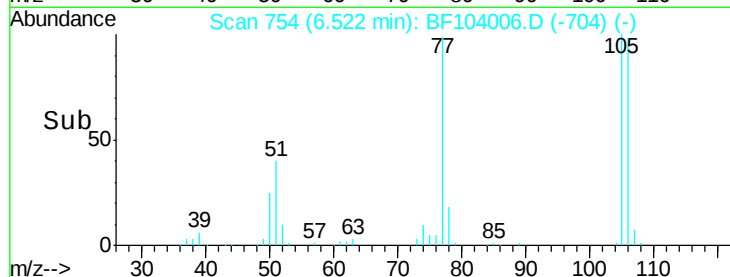
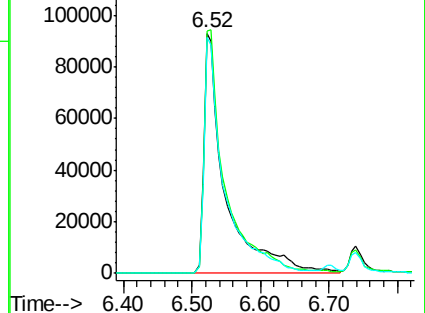
106 98.6 74.5 114.5



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: 39.609 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

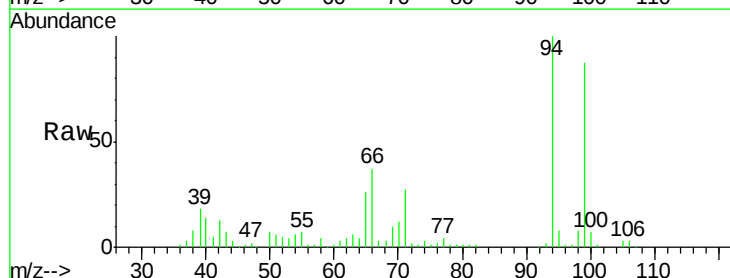
Tgt Ion: 94 Resp: 403088

Ion Ratio Lower Upper

94 100

65 25.7 7.9 47.9

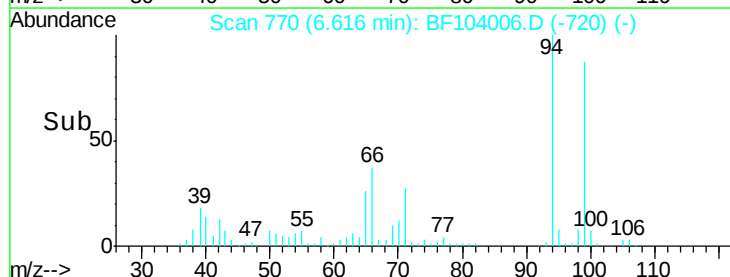
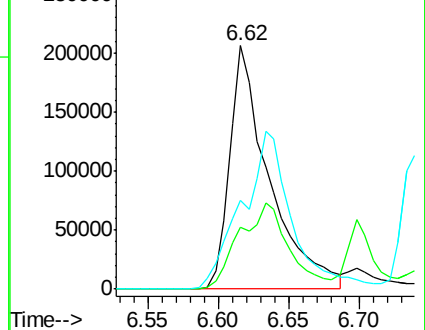
66 36.7 16.2 56.2



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

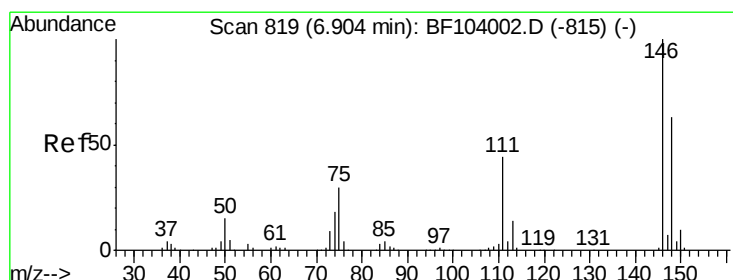
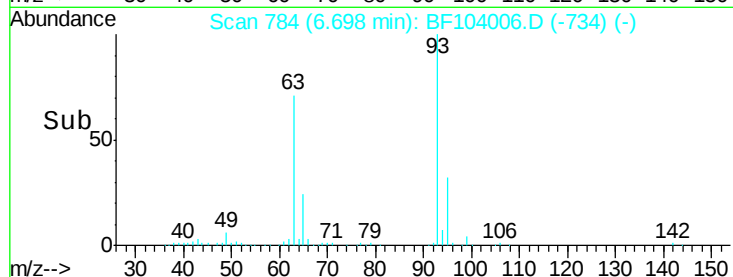
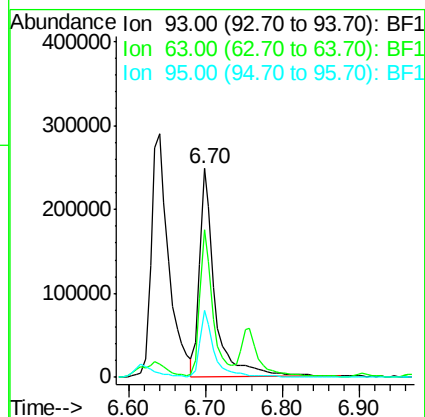
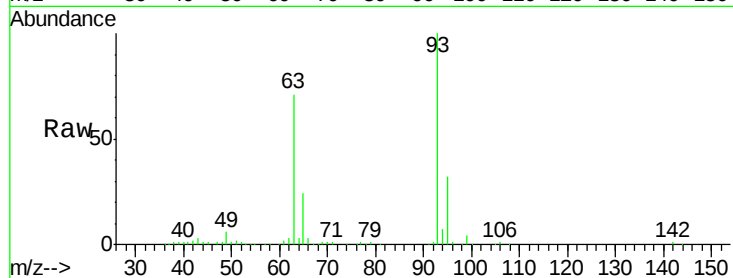




#11
bis(2-Chloroethyl)ether
Concen: 39.799 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

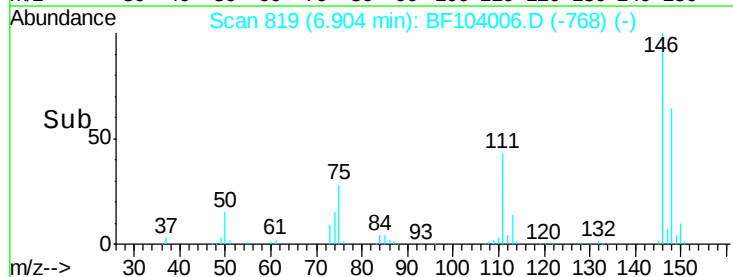
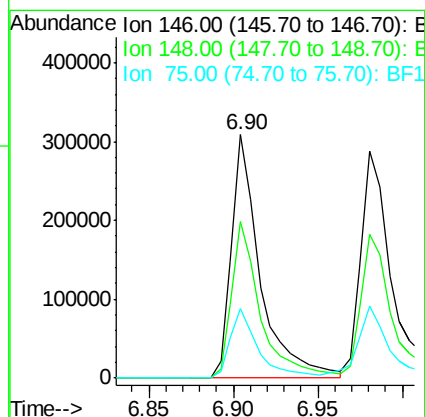
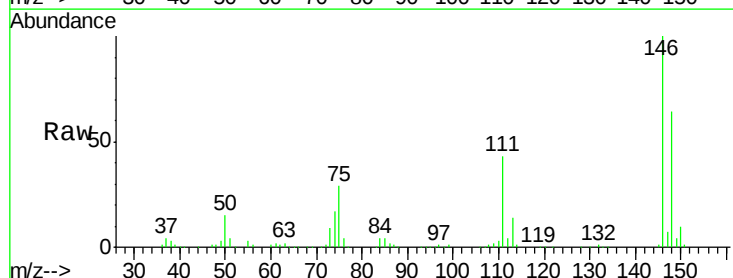
Instrument :
BNA_F
ClientSampleId :

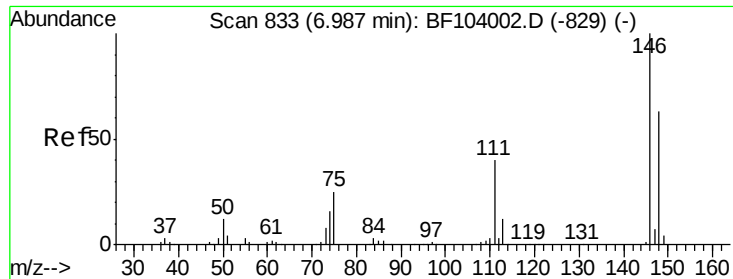
Tot Ion: 93 Resp: 349020
Ion Ratio Lower Upper
93 100
63 71.0 58.6 98.6
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.651 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion: 146 Resp: 365004
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 28.6 24.2 36.4

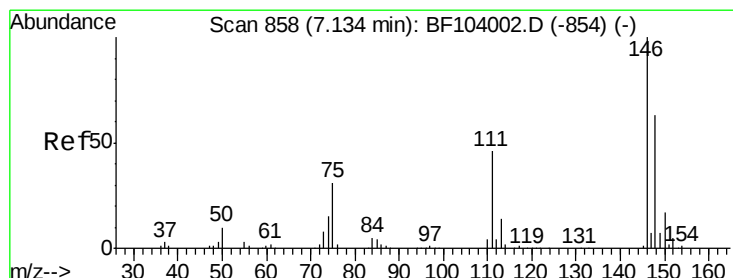
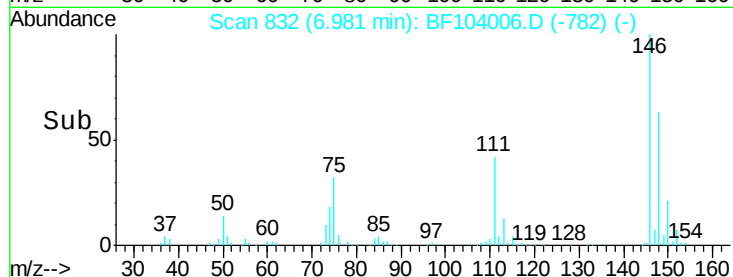
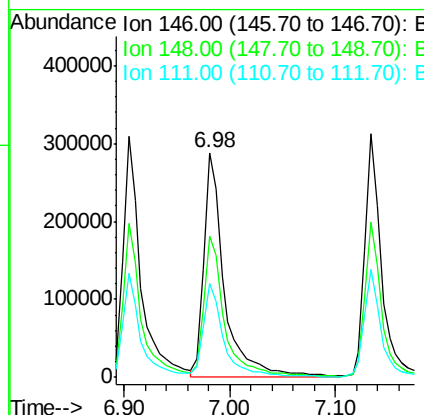
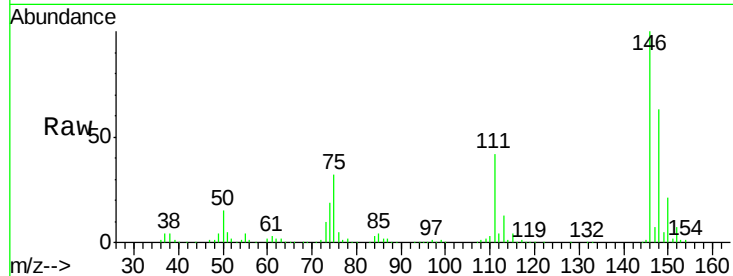




#13
 1,4-Dichlorobenzene
 Concen: 39.217 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

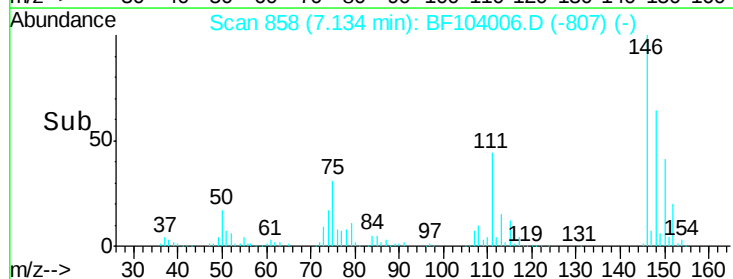
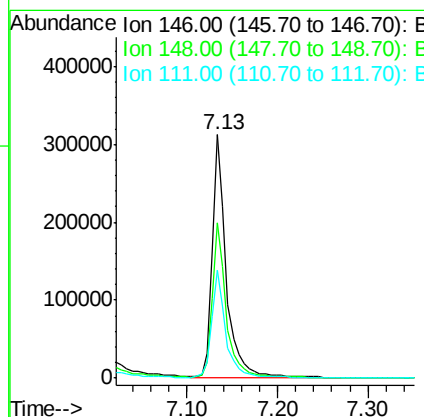
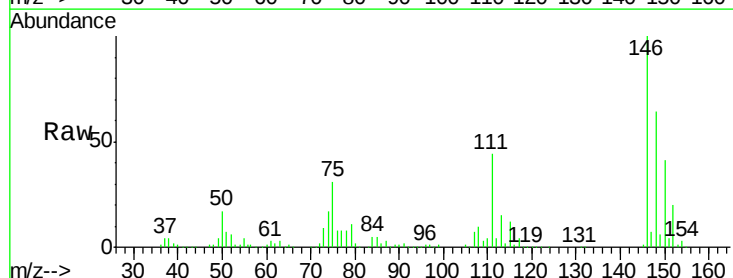
Instrument :
 BNA_F
 ClientSampled :

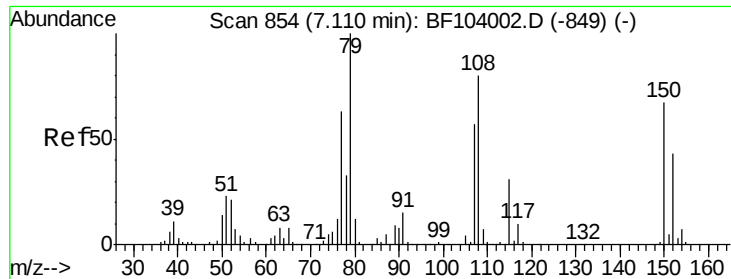
Tot Ion:146 Resp: 386826
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 38.788 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion:146 Resp: 343879
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 44.4 36.0 54.0

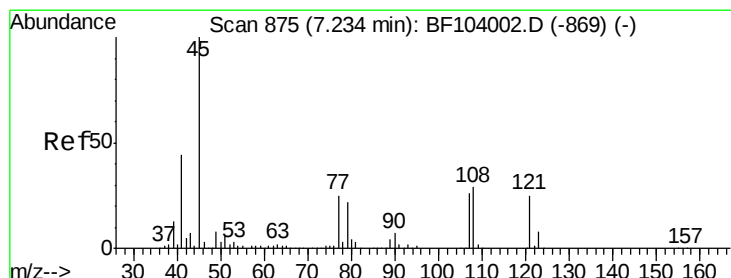
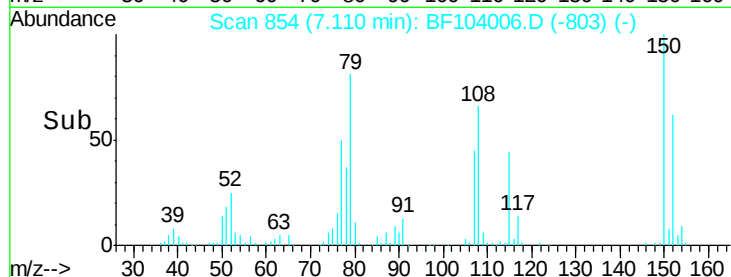
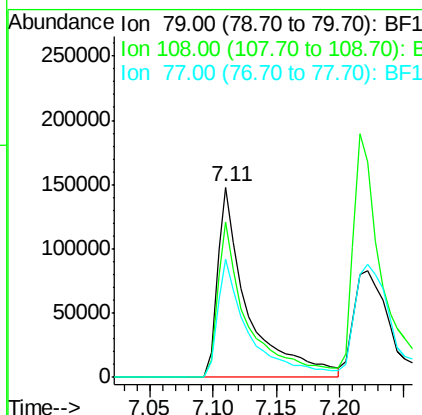
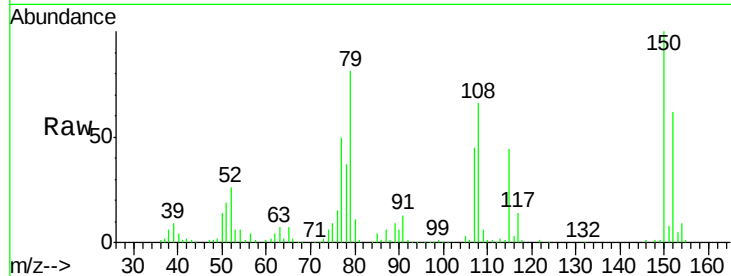




#15
Benzyl Alcohol
Concen: 41.186 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

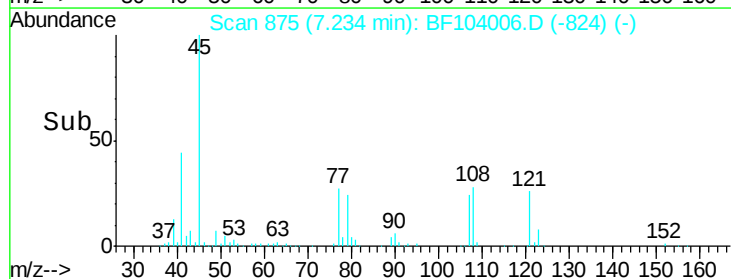
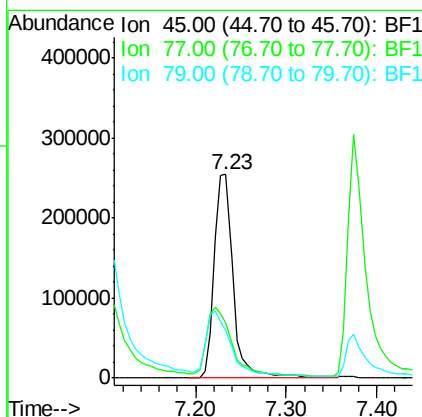
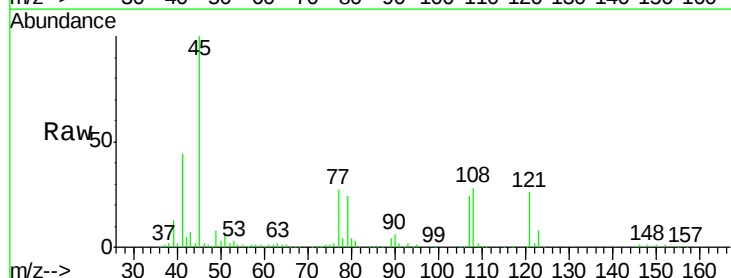
Instrument :
BNA_F
ClientSampleId :

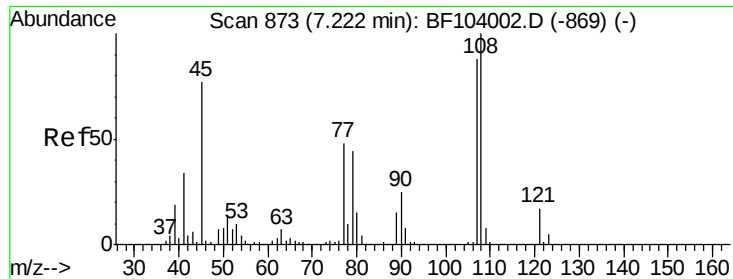
Tot Ion: 79 Resp: 245953
Ion Ratio Lower Upper
79 100
108 81.9 65.1 97.7
77 62.1 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.721 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion: 45 Resp: 369938
Ion Ratio Lower Upper
45 100
77 27.0 0.0 32.9
79 23.6 0.0 29.6

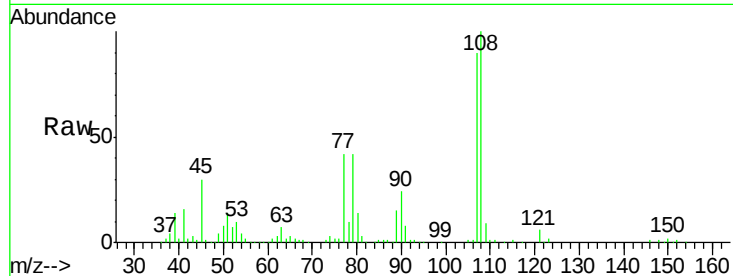




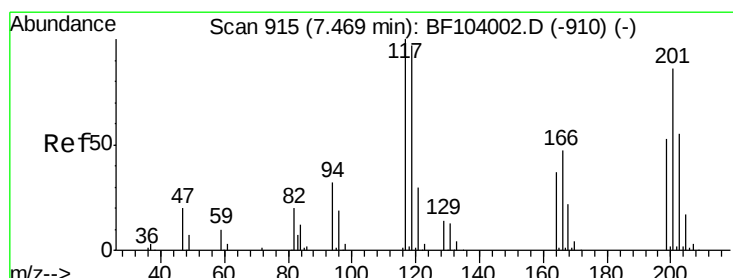
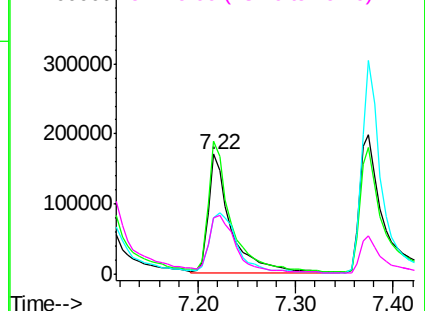
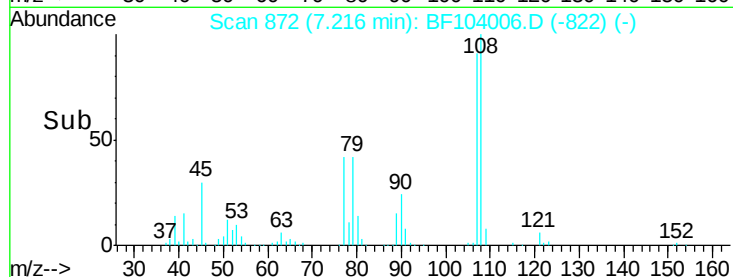
#17
2-Methylphenol
Concen: 40.656 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 270979
Ion Ratio Lower Upper
107 100
108 110.6 91.7 137.5
77 46.7 33.8 50.8
79 46.5 33.8 50.8

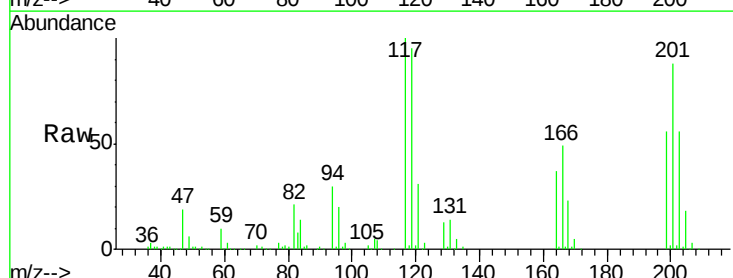


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

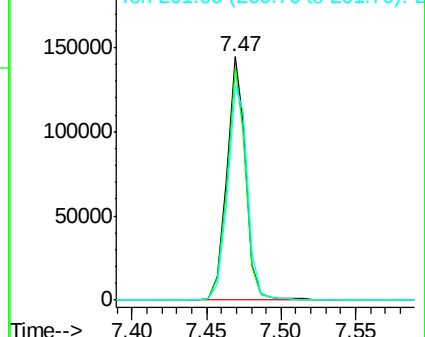
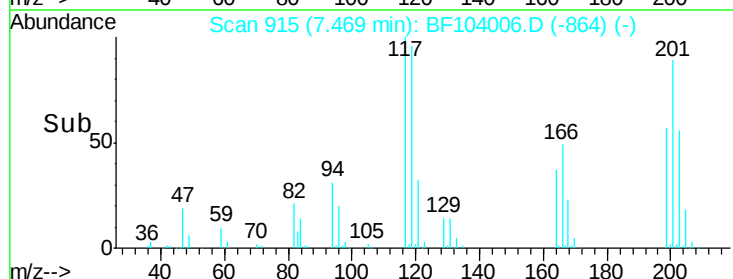


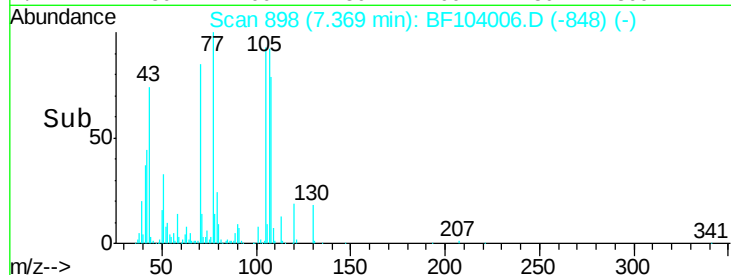
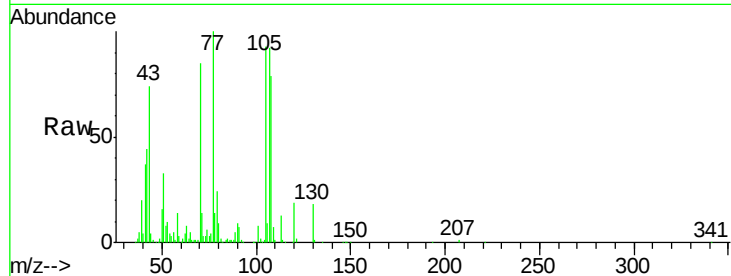
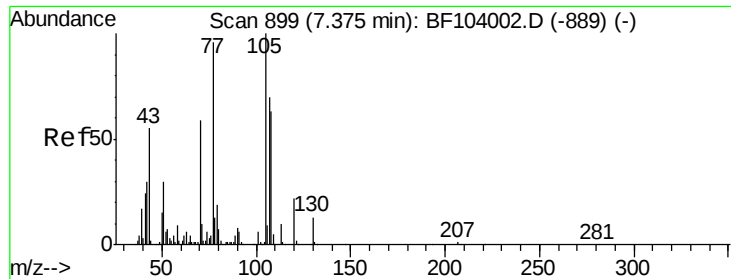
#18
Hexachloroethane
Concen: 39.347 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion:117 Resp: 129943
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 87.8 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

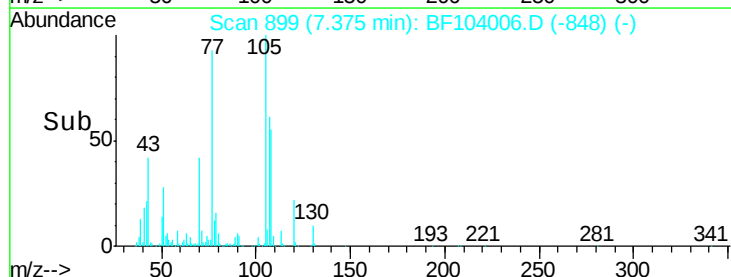
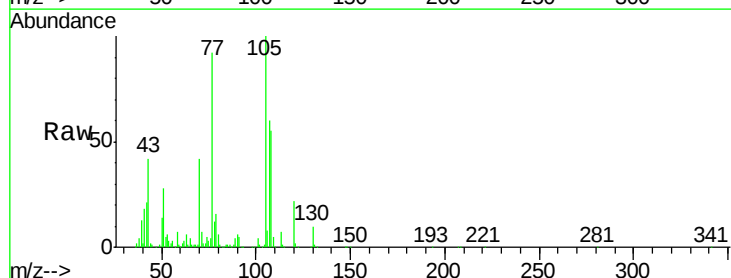
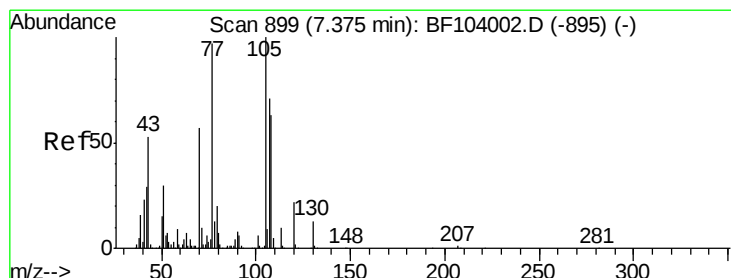
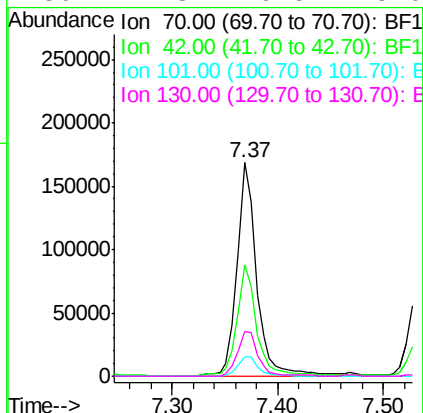




#19
n-Nitroso-di-n-propylamine
Concen: 39.760 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

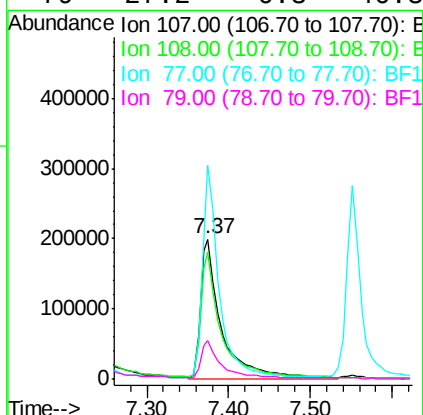
Instrument :
BNA_F
ClientSampleId :

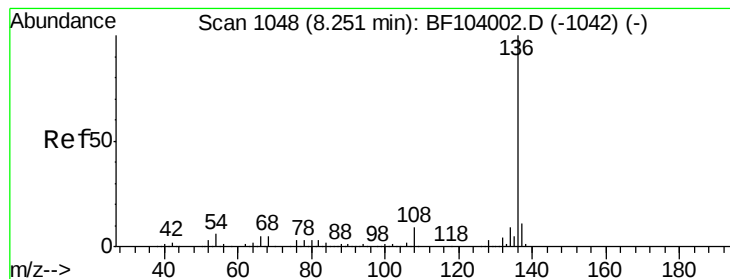
Tot Ion: 70 Resp: 216724
Ion Ratio Lower Upper
70 100
42 51.9 47.5 71.3
101 9.1 7.4 11.2
130 21.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.155 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion: 107 Resp: 358594
Ion Ratio Lower Upper
107 100
108 90.6 68.2 108.2
77 152.9 26.7 66.7#
79 27.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 493456

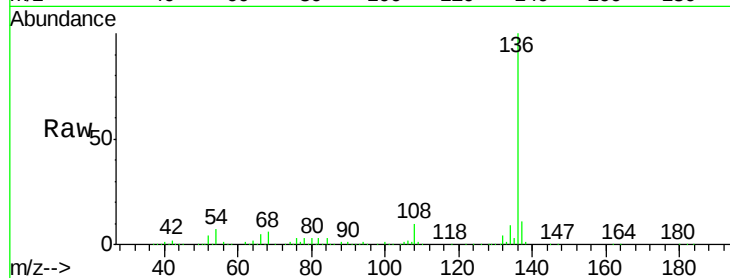
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

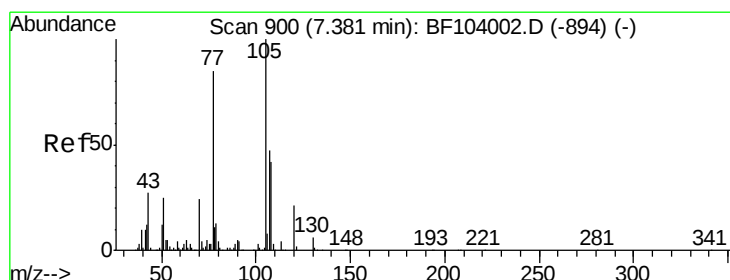
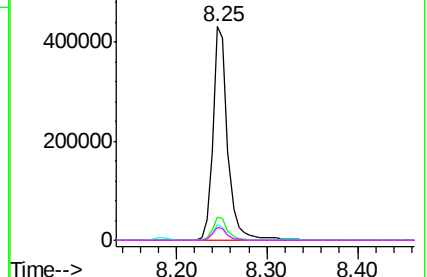
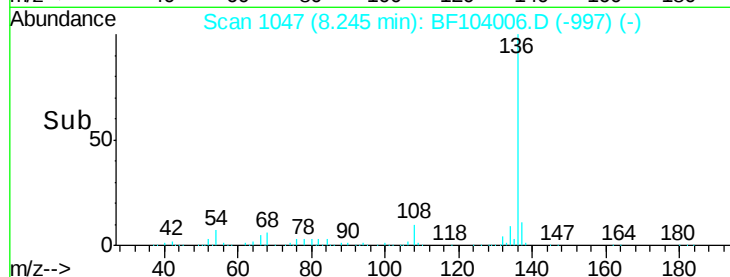


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.573 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Tgt Ion:105 Resp: 472461

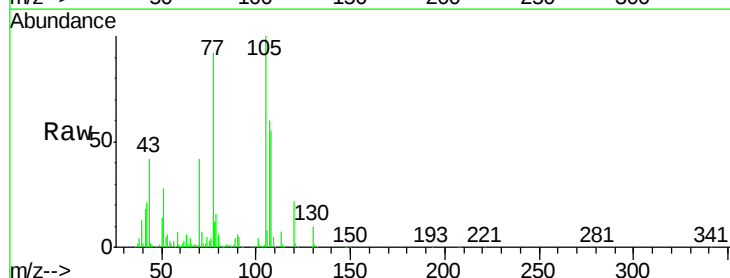
Ion Ratio Lower Upper

105 100

71 6.9 4.4 6.6#

51 28.3 22.3 33.5

120 21.8 16.9 25.3

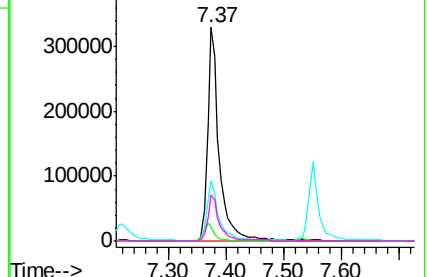
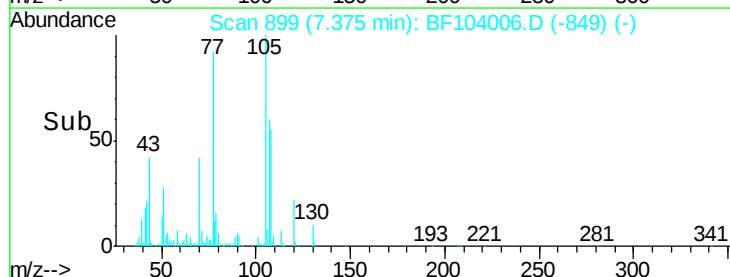


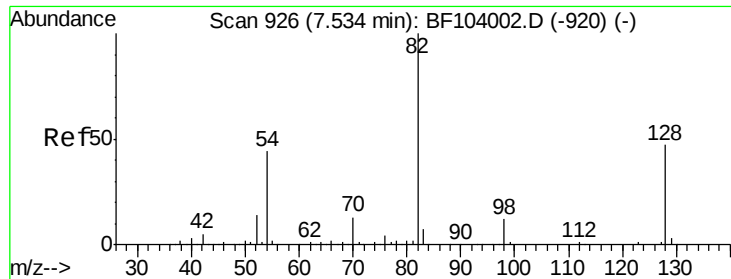
Abundance Ion 105.00 (104.70 to 105.70): E

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

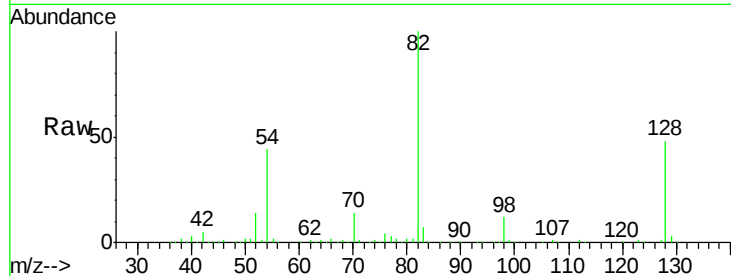




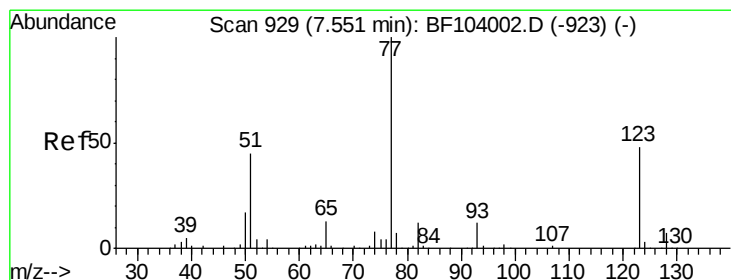
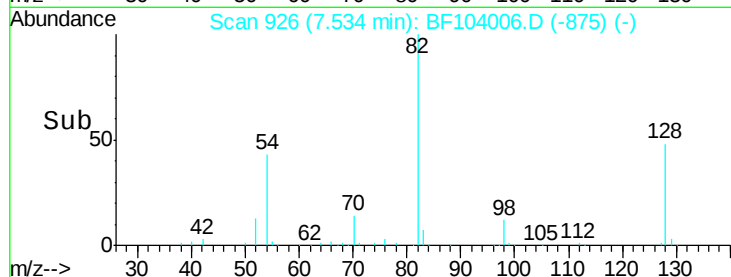
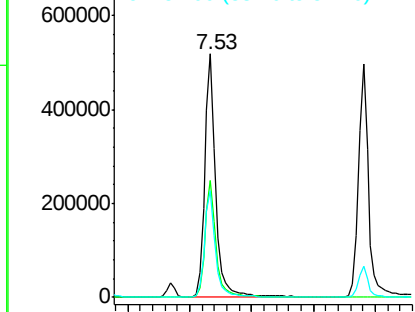
#23
 Nitrobenzene-d5
 Concen: 79.445 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 641035
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.1 54.1
 54 43.8 41.4 62.2

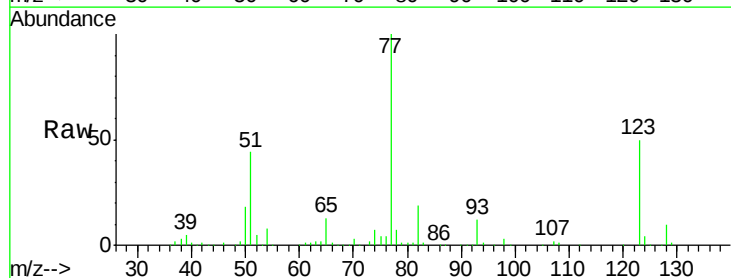


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

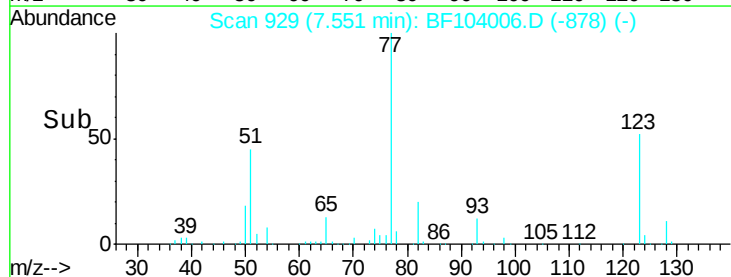
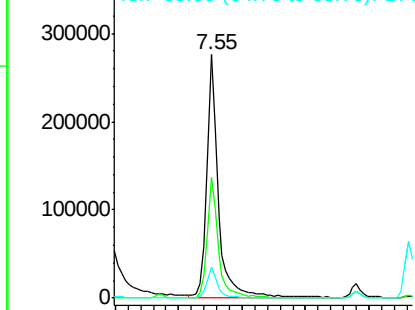


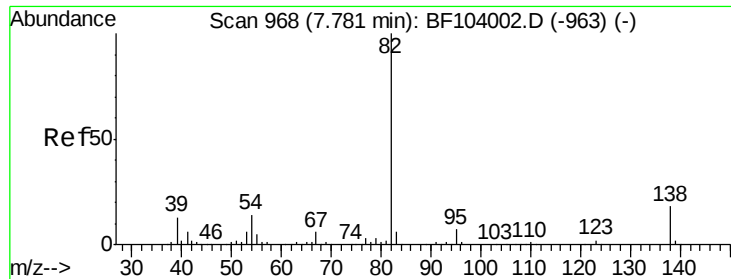
#24
 Nitrobenzene
 Concen: 40.894 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion: 77 Resp: 347180
 Ion Ratio Lower Upper
 77 100
 123 49.5 37.9 56.9
 65 12.7 11.0 16.4



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





#25

Isophorone

Concen: 37.402 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

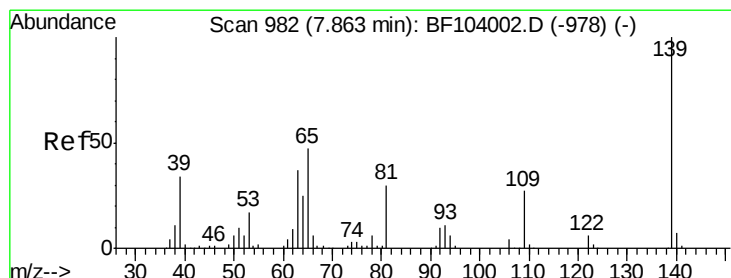
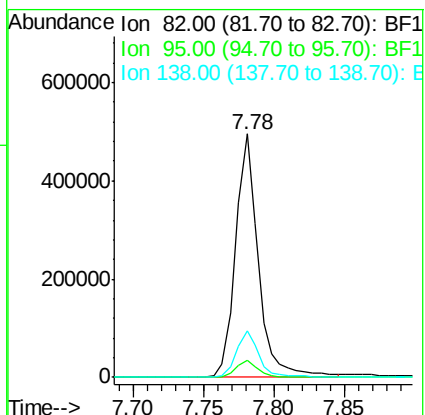
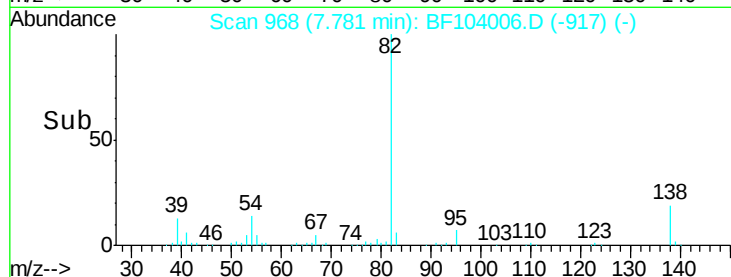
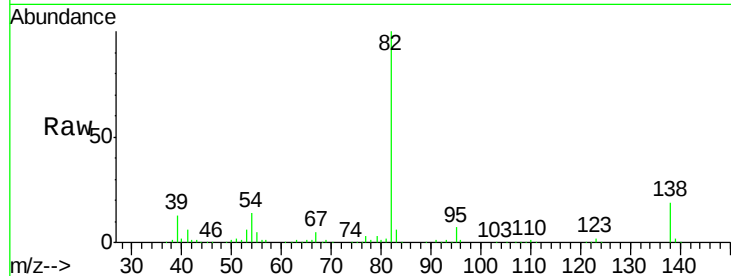
Tot Ion: 82 Resp: 556174

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 40.389 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

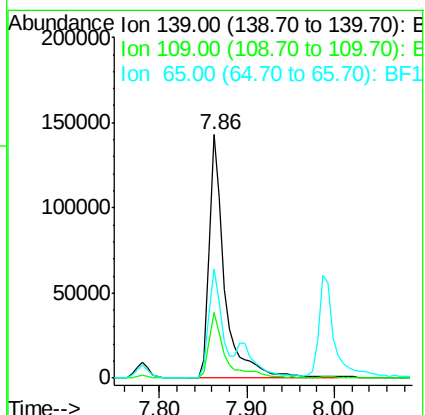
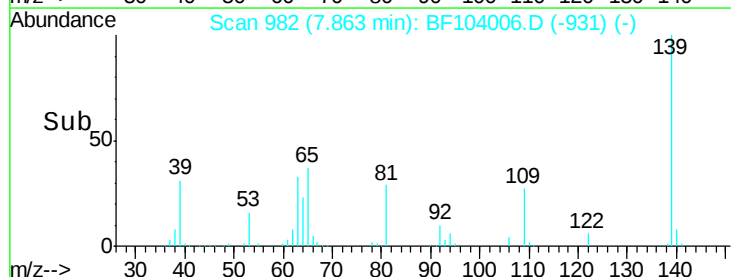
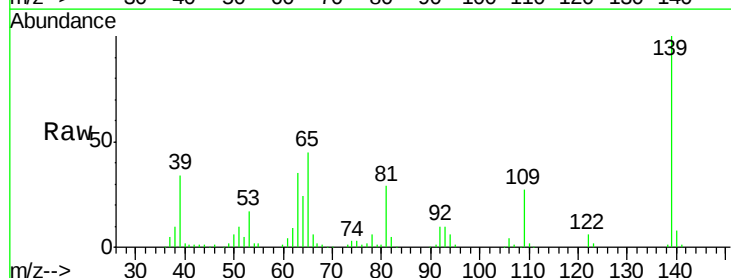
Tgt Ion: 139 Resp: 178987

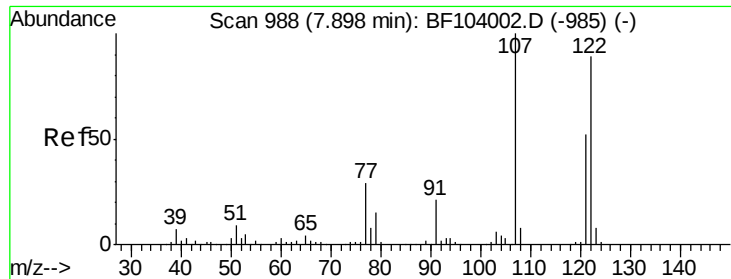
Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

65 44.7 40.5 60.7

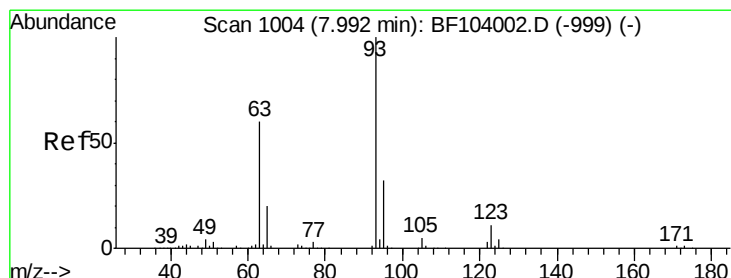
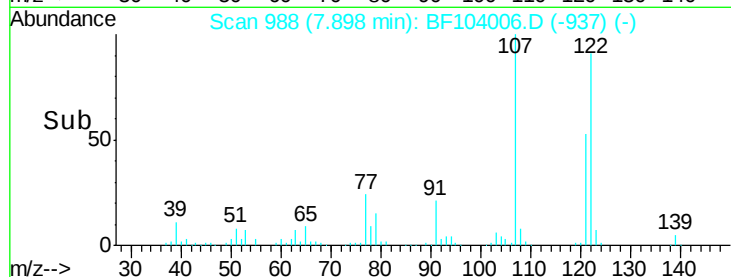
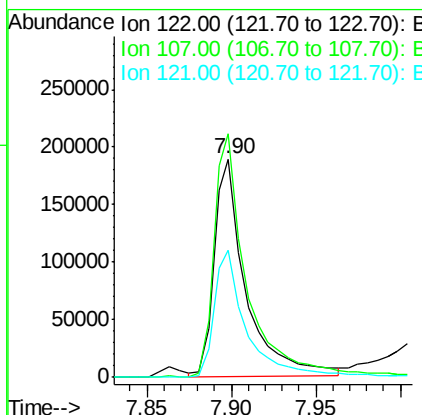
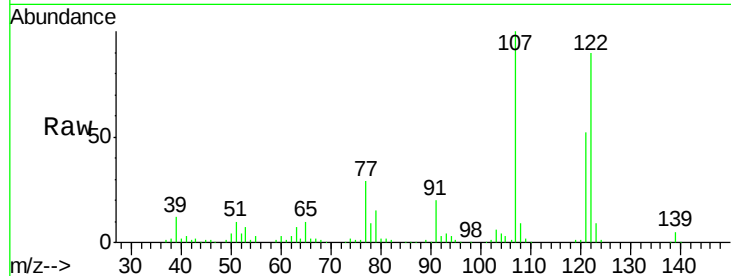




#27
 2,4-Dimethylphenol
 Concen: 39.062 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

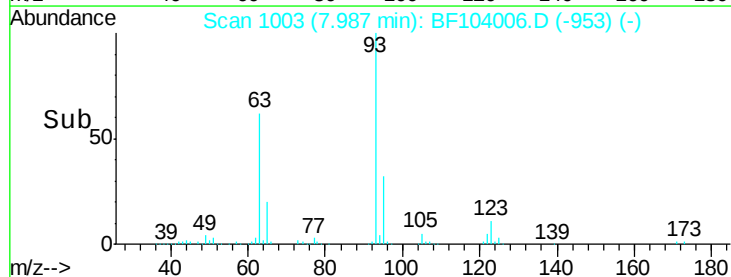
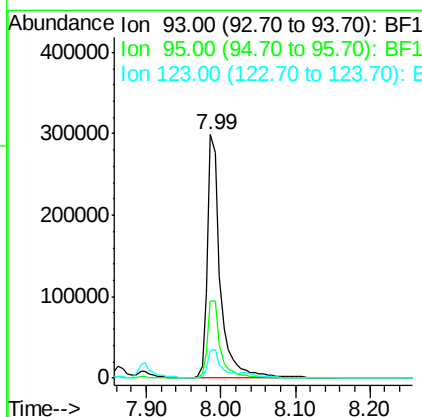
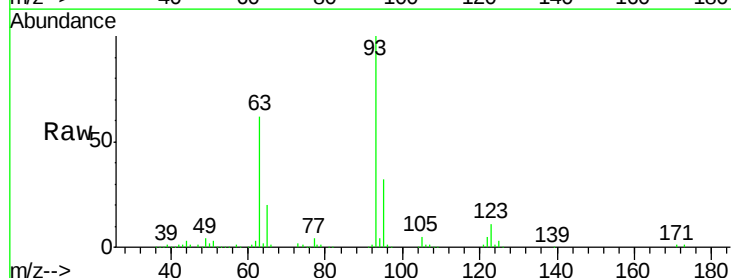
Instrument :
 BNA_F
 ClientSampleId :

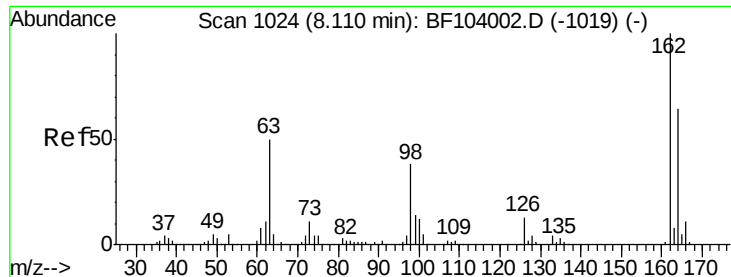
Tot Ion:122 Resp: 249658
 Ion Ratio Lower Upper
 122 100
 107 111.4 91.2 136.8
 121 58.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.451 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion: 93 Resp: 358354
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.3 39.5
 123 11.4 9.8 14.6

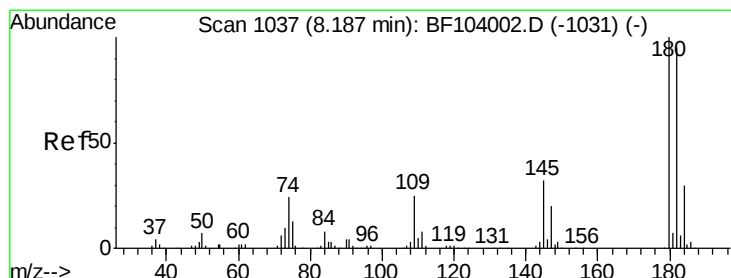
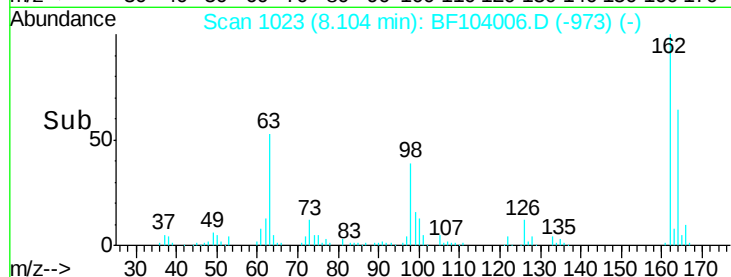
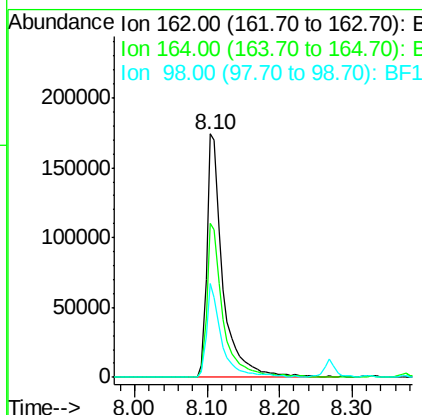
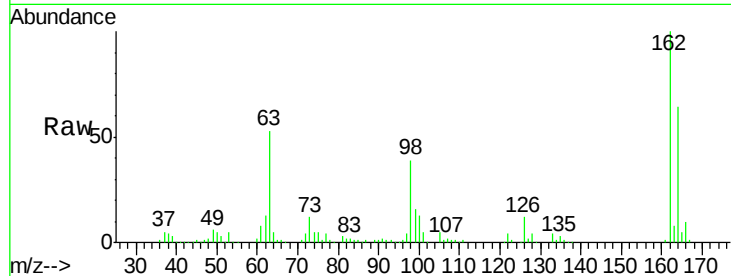




#29
2,4-Dichlorophenol
Concen: 40.181 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

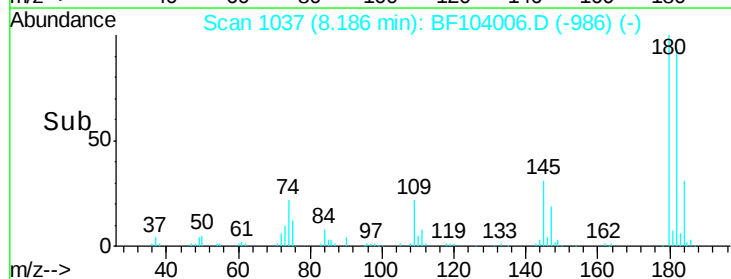
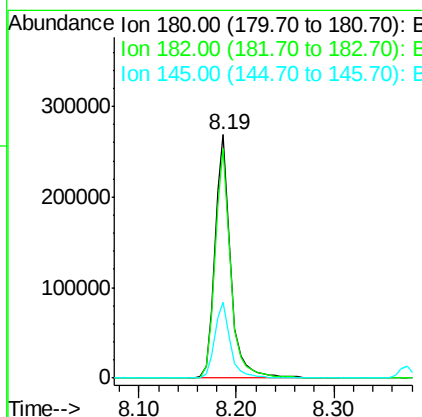
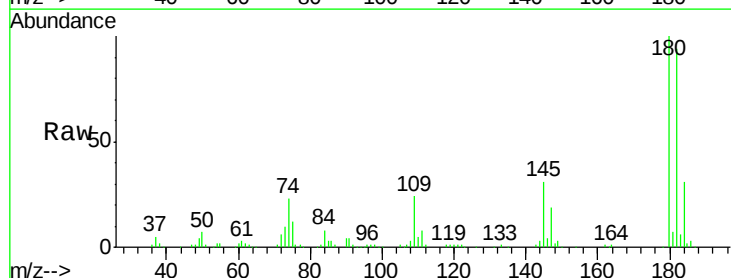
Instrument :
BNA_F
ClientSampled :

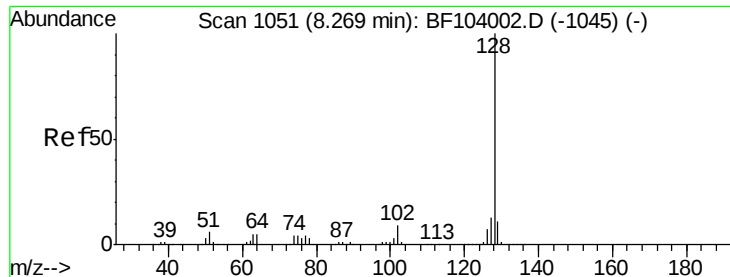
Tot Ion:162 Resp: 268237
Ion Ratio Lower Upper
162 100
164 63.5 42.7 82.7
98 38.6 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 39.249 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion:180 Resp: 297289
Ion Ratio Lower Upper
180 100
182 94.2 76.8 115.2
145 31.1 26.5 39.7

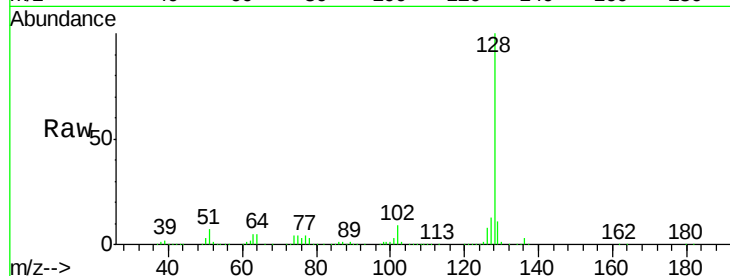




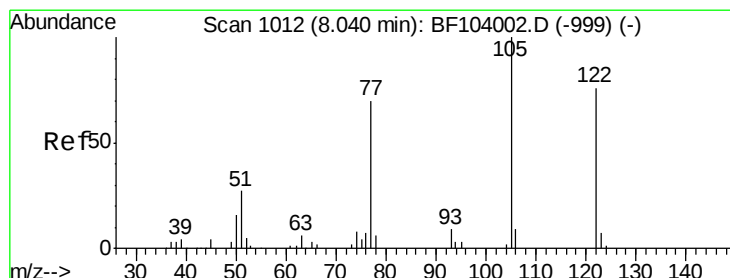
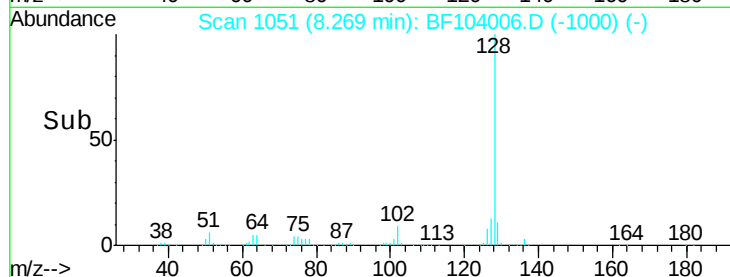
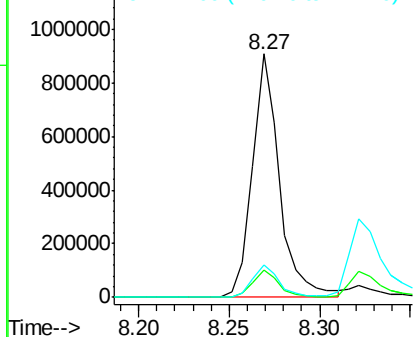
#31
Naphthalene
Concen: 39.292 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 947225
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.9 16.3

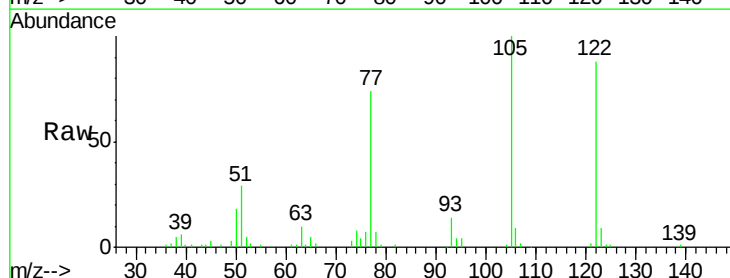


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

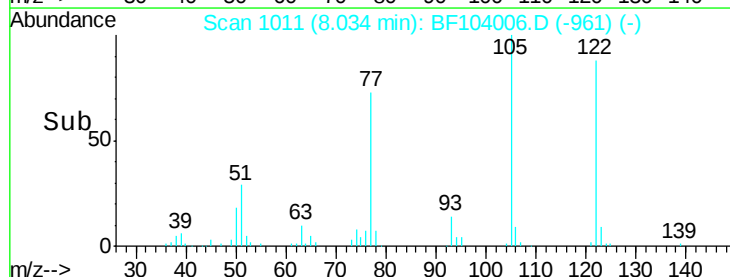
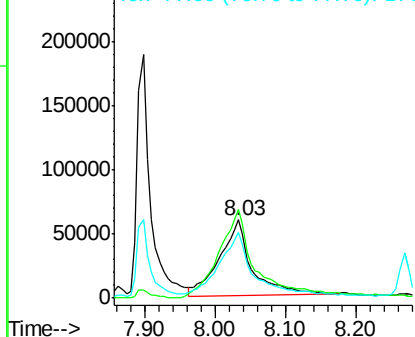


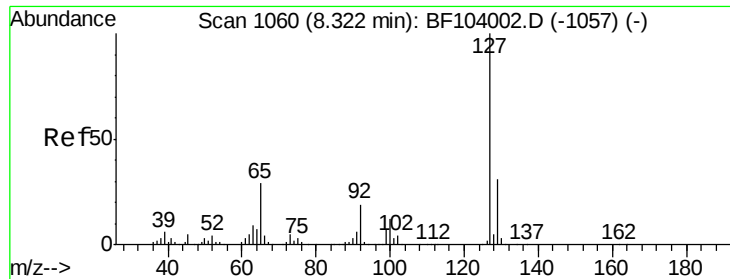
#32
Benzoic acid
Concen: 40.885 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion:122 Resp: 191426
Ion Ratio Lower Upper
122 100
105 114.2 101.1 141.1
77 84.6 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

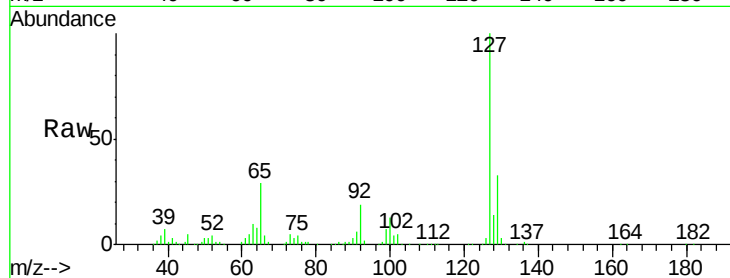




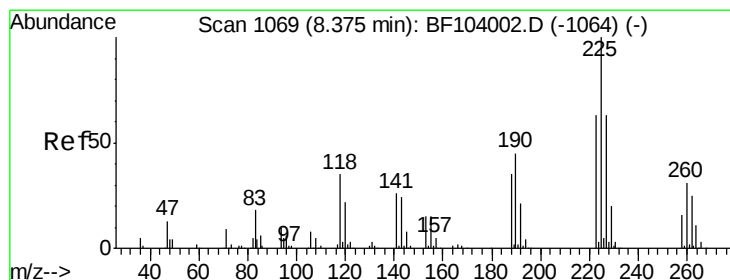
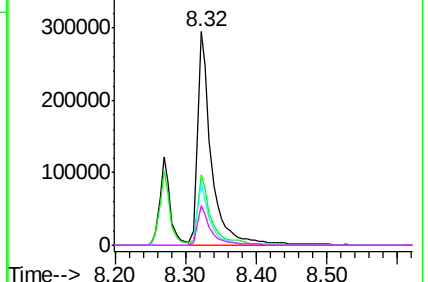
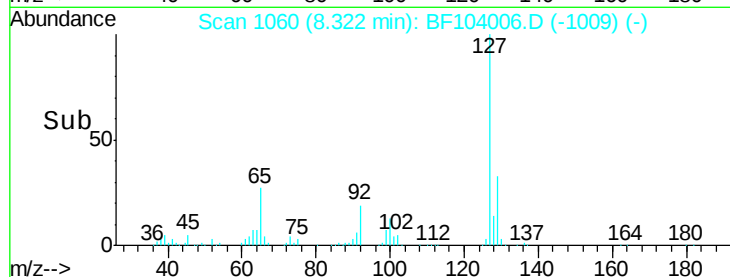
#33
4-Chloroaniline
Concen: 40.159 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	408147
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	29.0	25.0	37.4
92	18.6	15.2	22.8

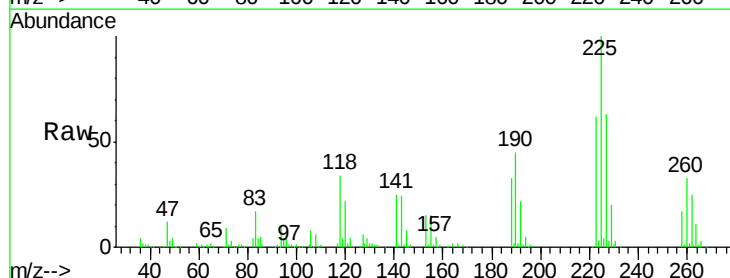


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

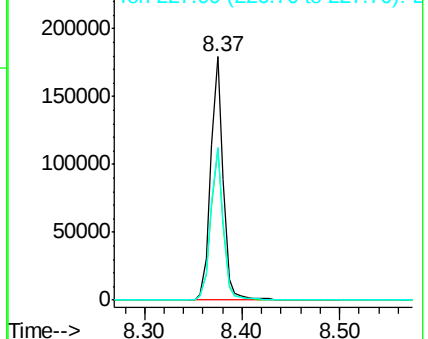
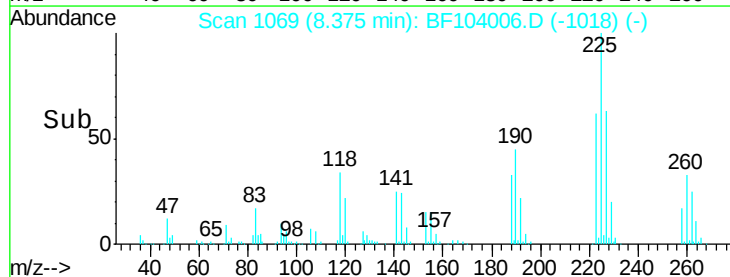


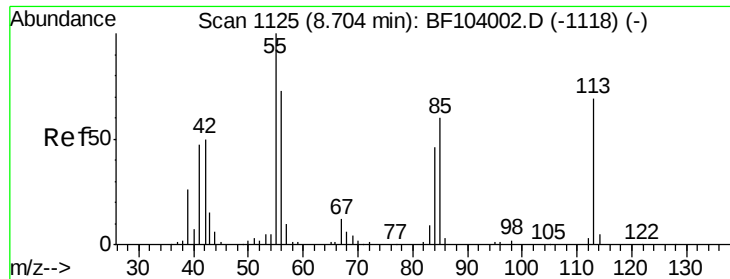
#34
Hexachlorobutadiene
Concen: 38.609 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion:	225	Resp:	159138
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	62.7	51.9	77.9



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

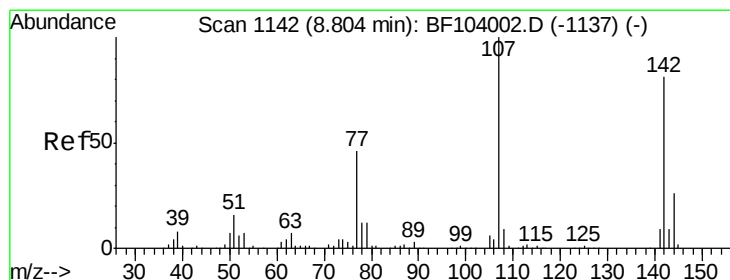
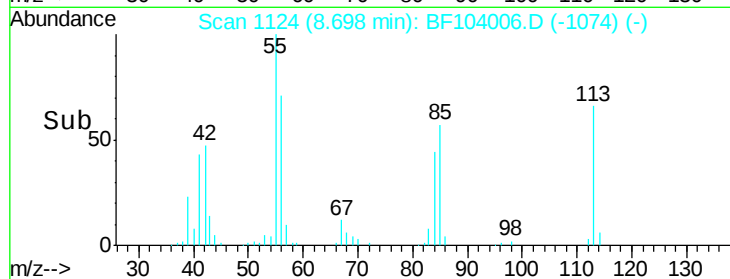
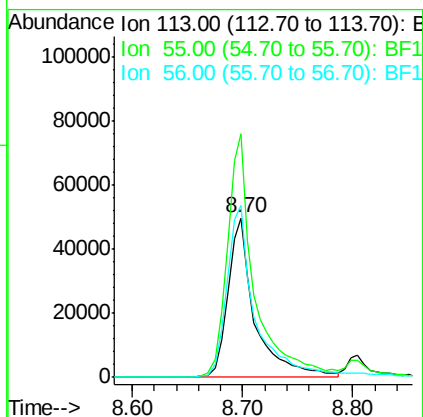
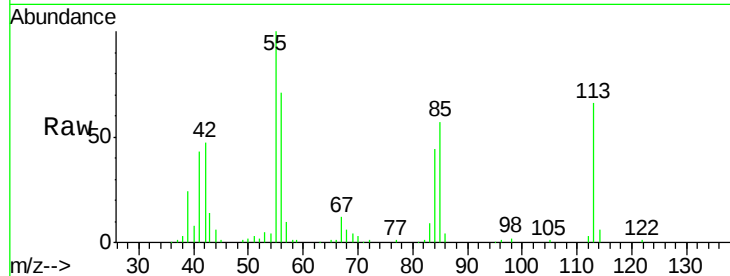




#35
 Caprolactam
 Concen: 40.595 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

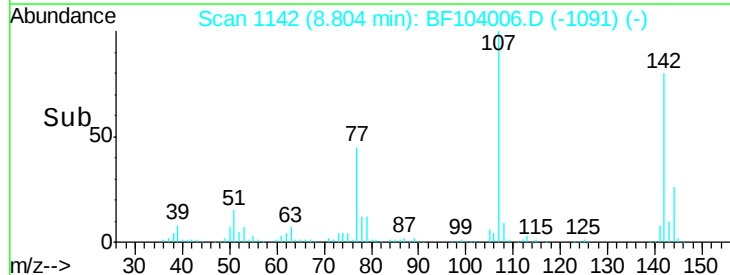
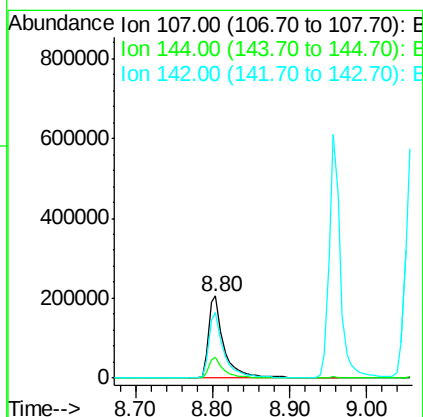
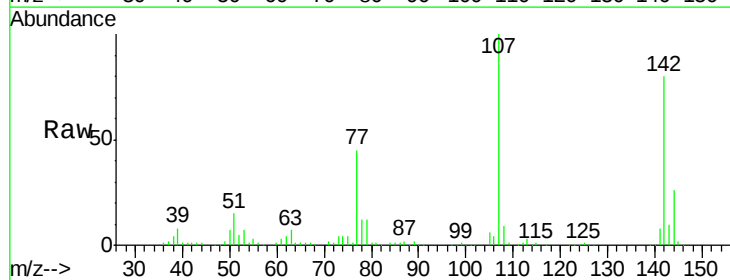
Instrument :
 BNA_F
 ClientSampleId :

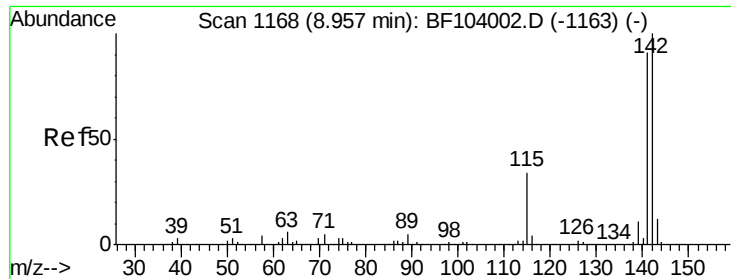
Tot Ion:113 Resp: 85928
 Ion Ratio Lower Upper
 113 100
 55 152.5 163.3 203.3#
 56 107.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 40.380 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion:107 Resp: 285120
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 80.1 62.0 93.0

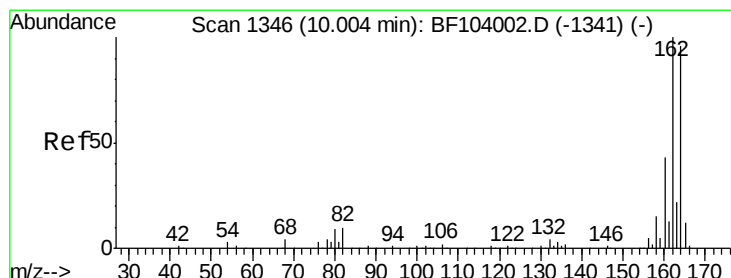
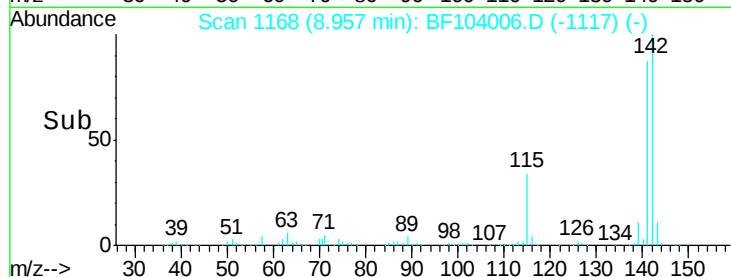
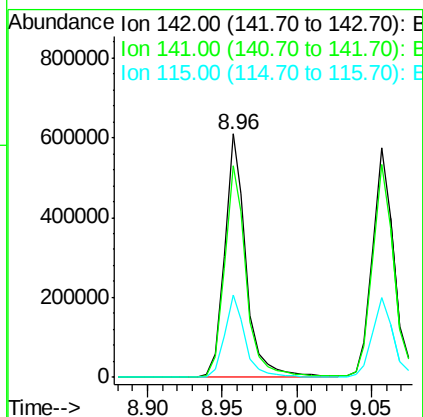
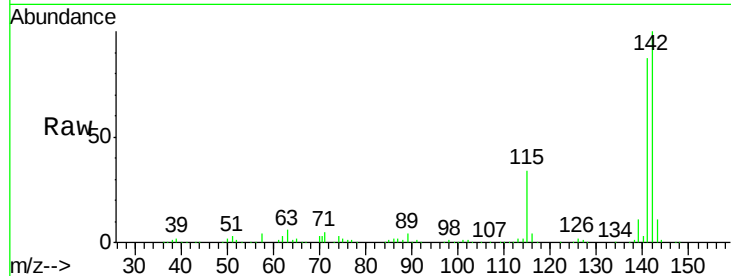




#37
 2-Methylnaphthalene
 Concen: 39.023 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

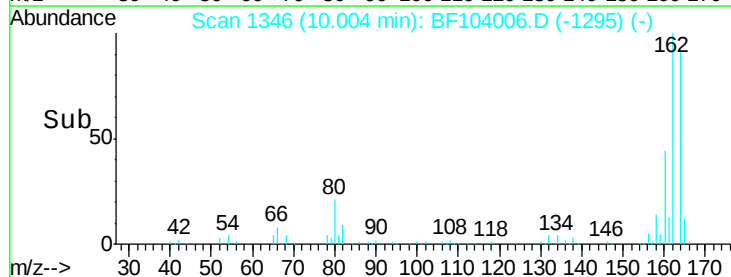
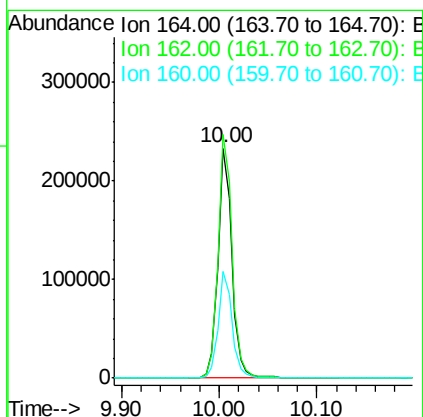
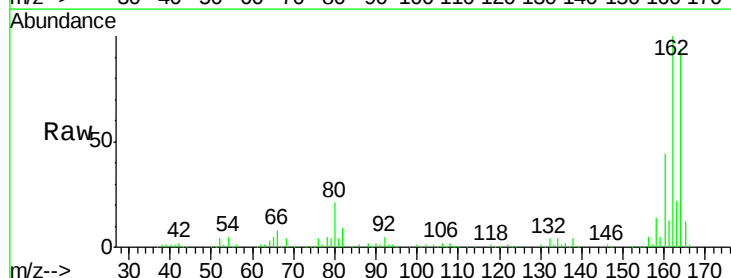
Instrument :
 BNA_F
 ClientSampleId :

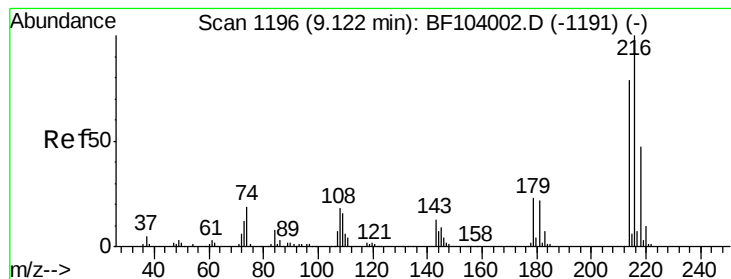
Tot Ion:142 Resp: 619666
 Ion Ratio Lower Upper
 142 100
 141 87.1 70.8 106.2
 115 33.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion:164 Resp: 233089
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 46.6 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.711 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 276696

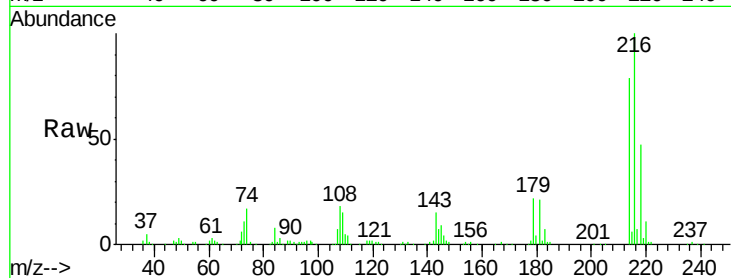
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 22.0 18.1 27.1

108 19.2 17.2 25.8

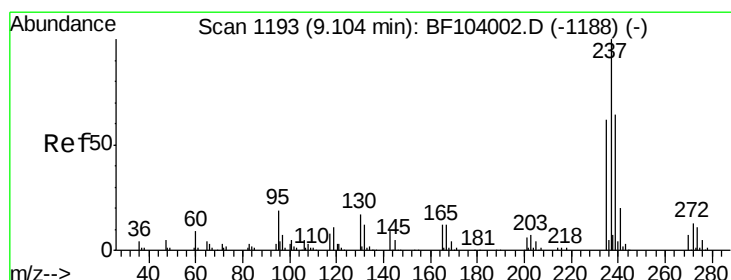
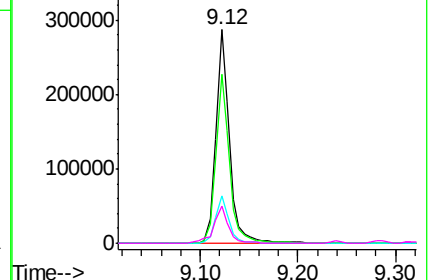
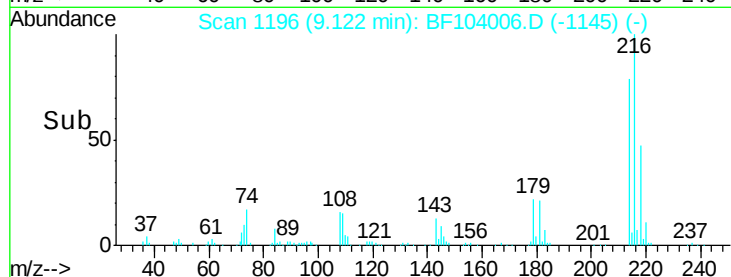


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.389 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

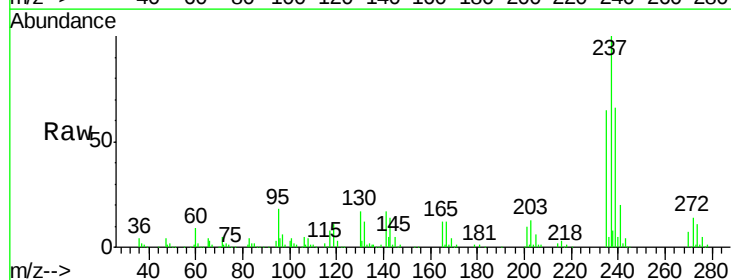
Tgt Ion:237 Resp: 115443

Ion Ratio Lower Upper

237 100

235 65.3 44.8 84.8

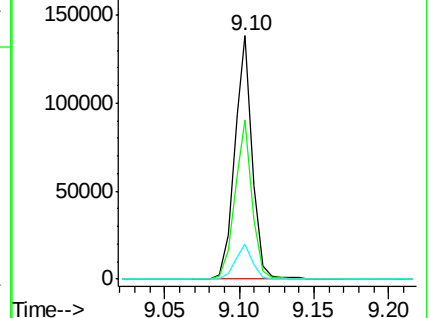
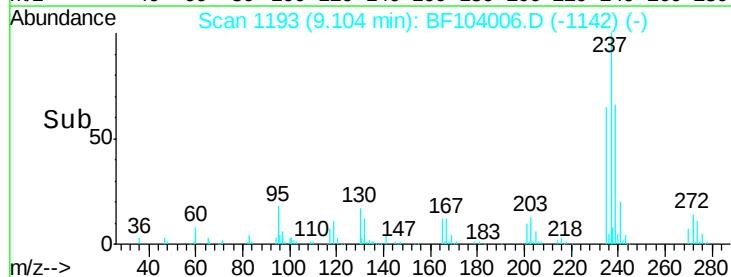
272 14.2 0.0 33.3

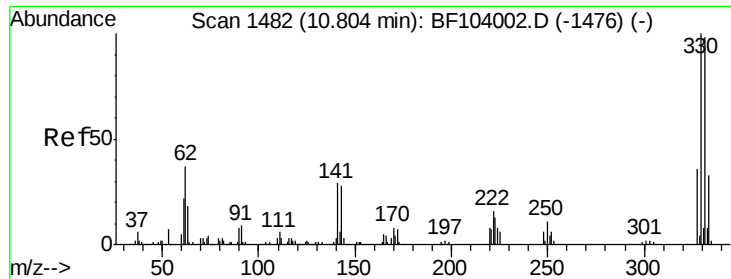


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

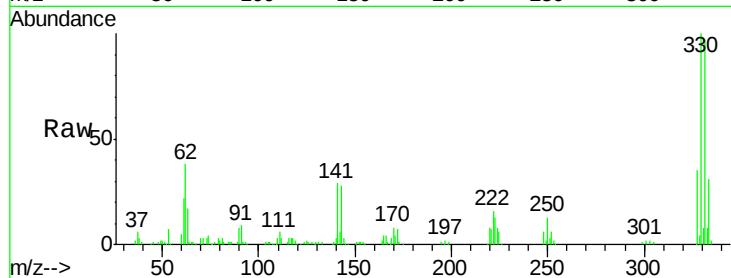




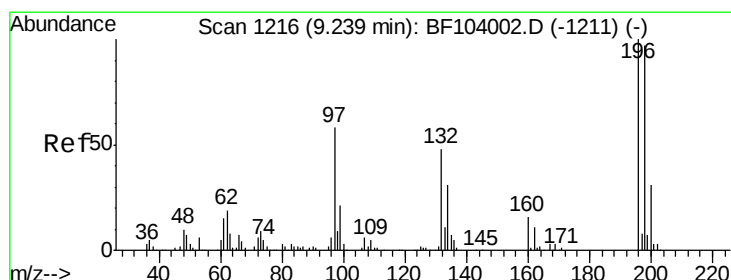
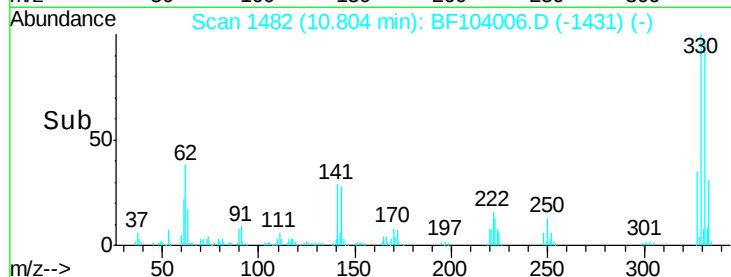
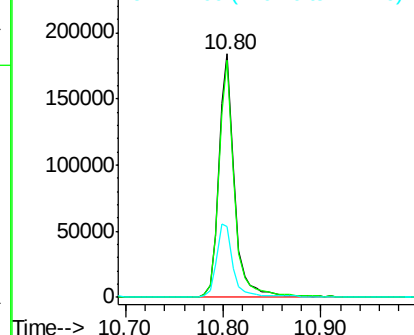
#41
 2,4,6-Tribromophenol
 Concen: 78.638 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 204100
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 31.7 29.9 44.9

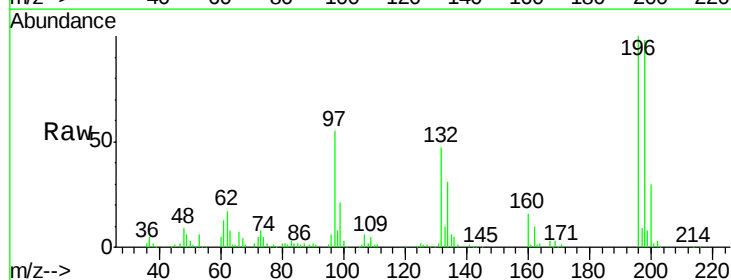


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

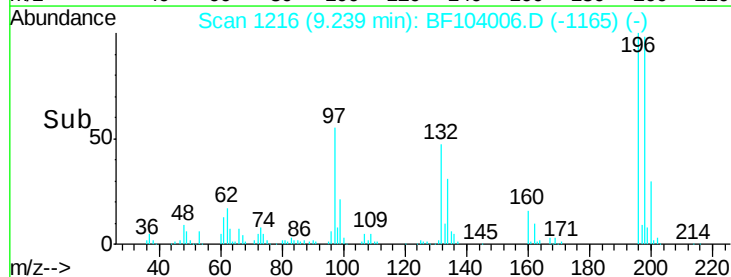
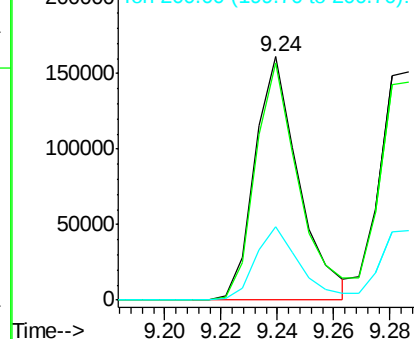


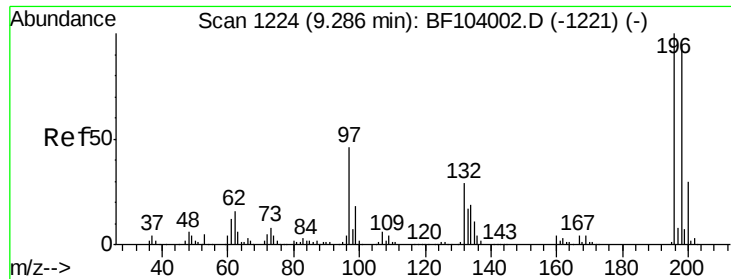
#42
 2,4,6-Trichlorophenol
 Concen: 38.474 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion:196 Resp: 174137
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.7 113.5
 200 30.1 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

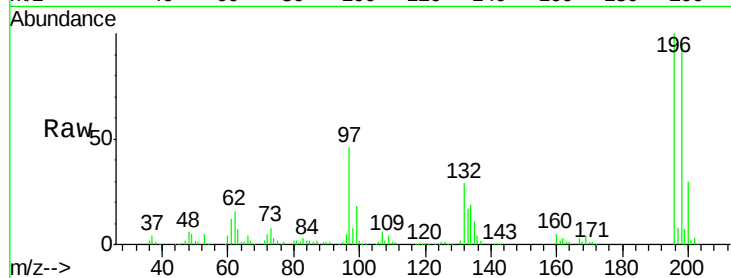




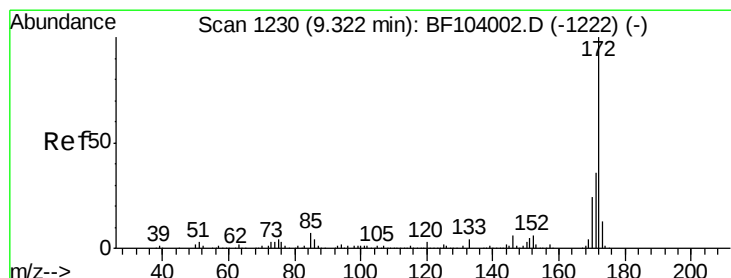
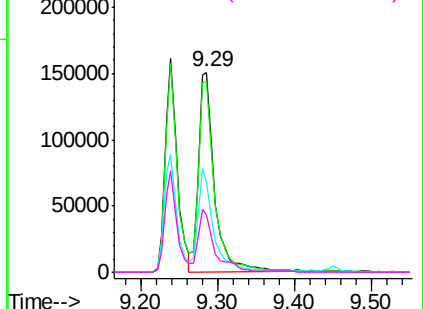
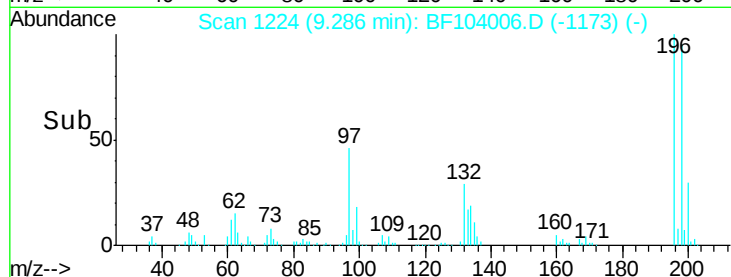
#43
 2,4,5-Trichlorophenol
 Concen: 40.173 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	219538
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.6	112.0
97	45.7	42.9	64.3
132	28.7	26.3	39.5

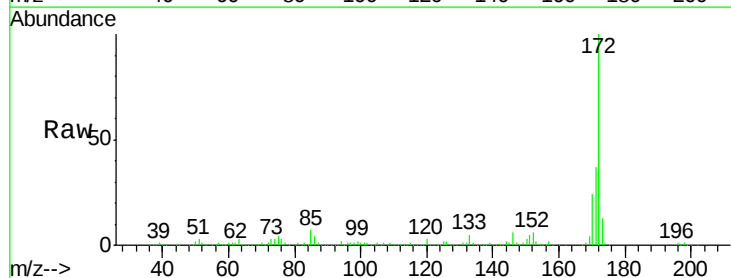


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

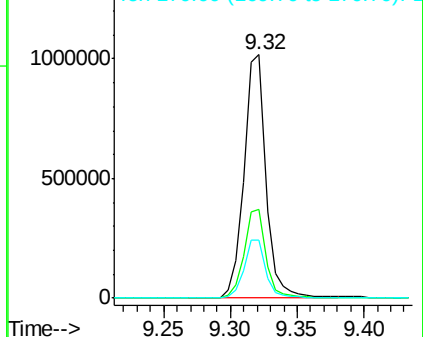
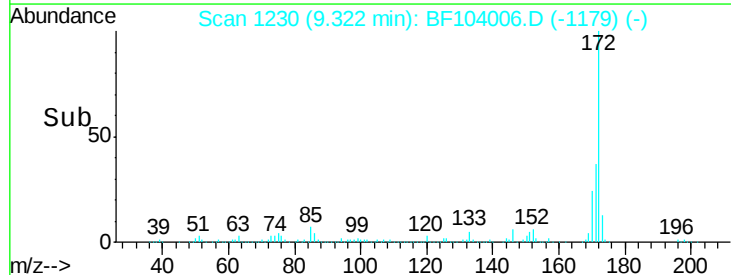


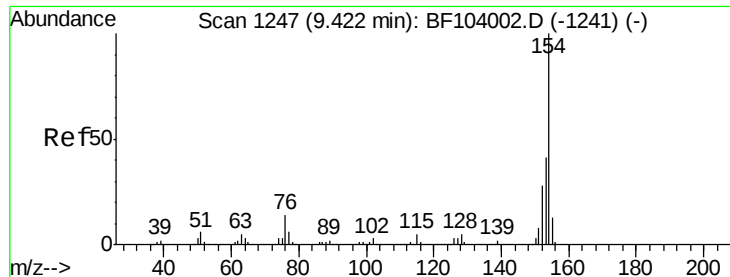
#44
 2-Fluorobiphenyl
 Concen: 78.424 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion	172	Resp	1159205
Ion Ratio	Lower	Upper	
172	100		
171	36.5	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

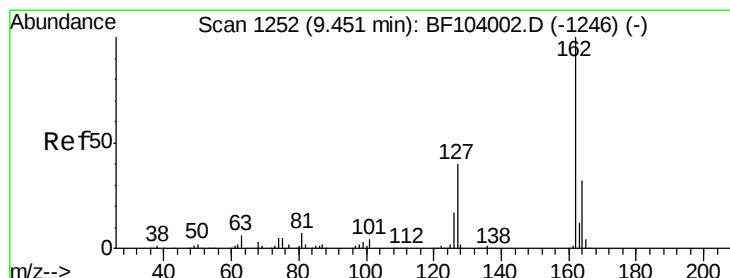
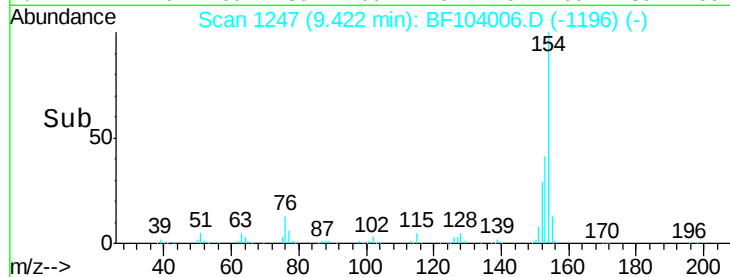
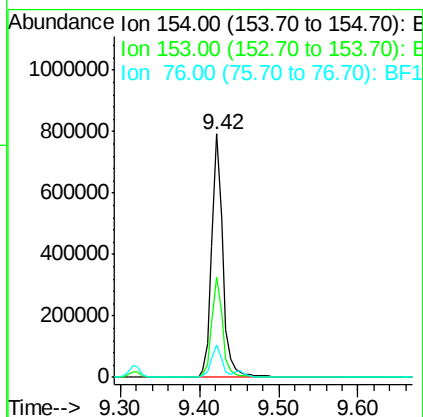
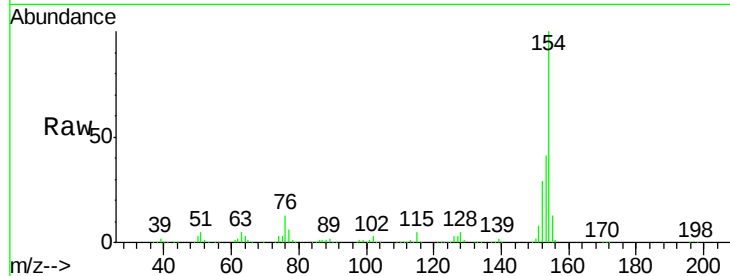




#45
 1,1'-Biphenyl
 Concen: 38.577 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

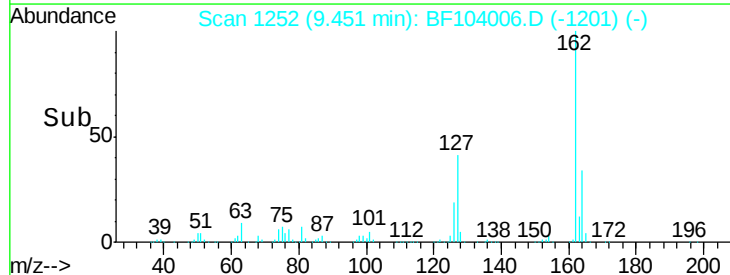
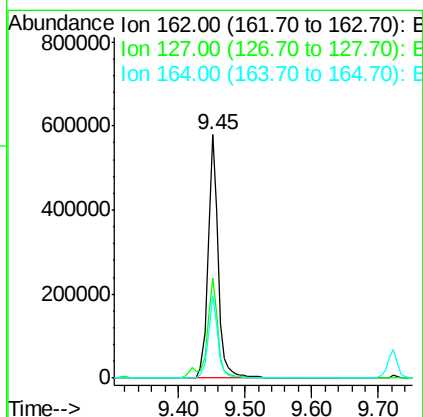
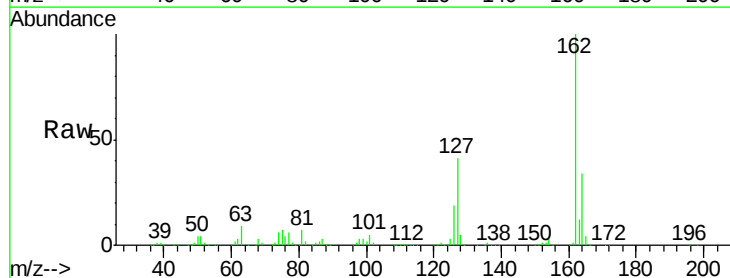
Instrument :
 BNA_F
 ClientSampleId :

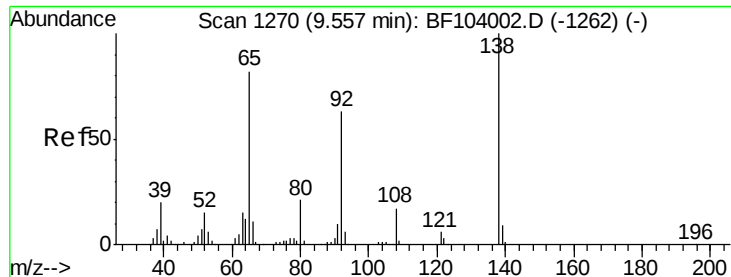
Tot Ion:154 Resp: 771745
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.3 61.3
 76 13.4 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 38.788 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion:162 Resp: 612089
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.9 50.9
 164 33.6 26.5 39.7

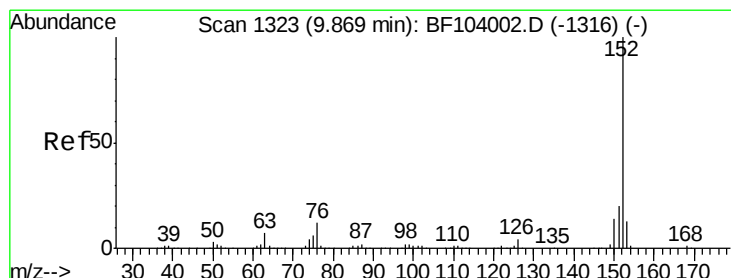
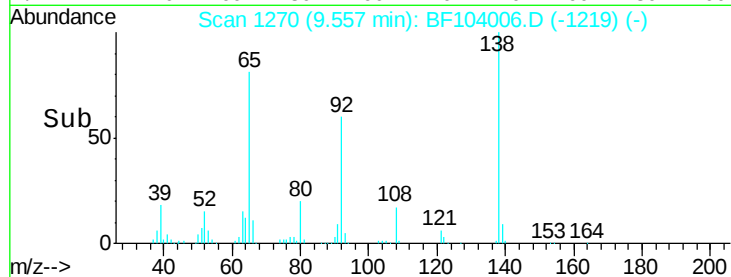
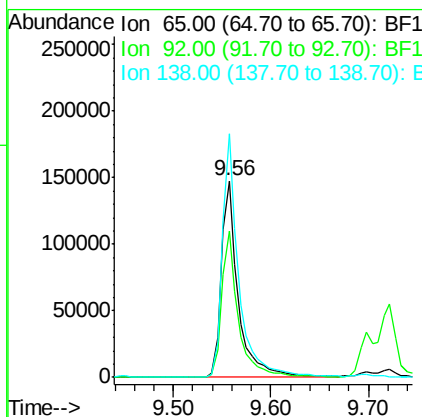
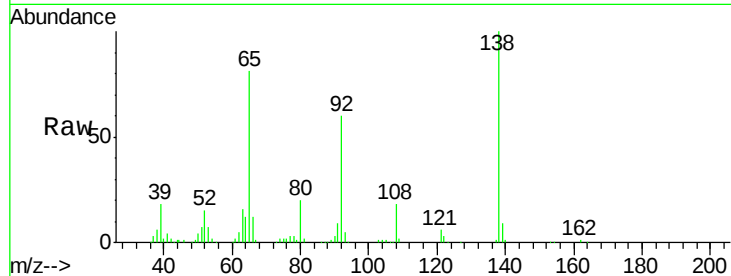




#47
 2-Nitroaniline
 Concen: 39.757 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

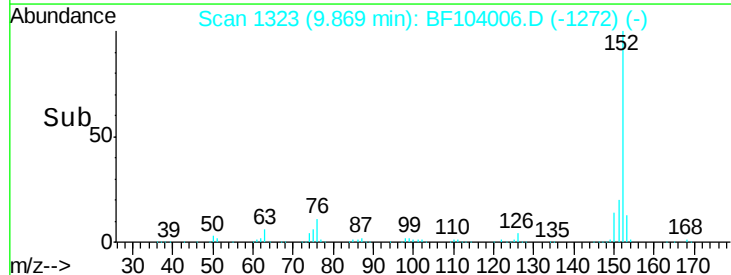
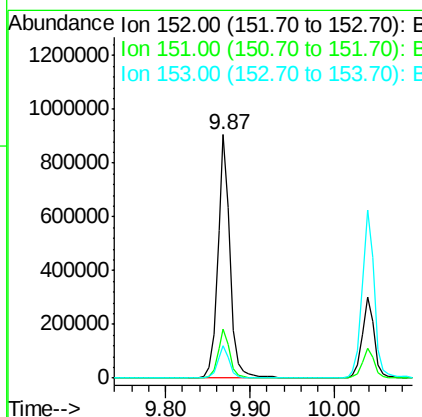
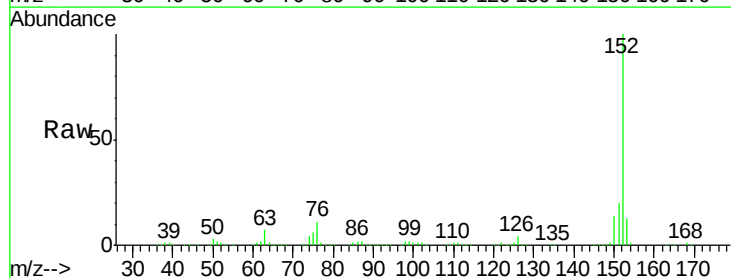
Instrument :
 BNA_F
 ClientSampled :

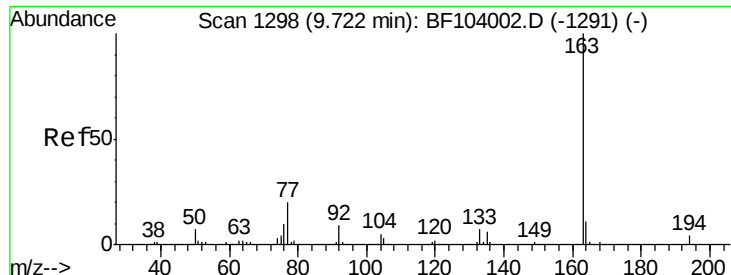
Tot Ion	Ratio	Lower	Upper
65	100		
92	74.3	55.8	83.6
138	123.7	91.2	136.8



#48
 Acenaphthylene
 Concen: 38.876 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.3	10.7	16.1

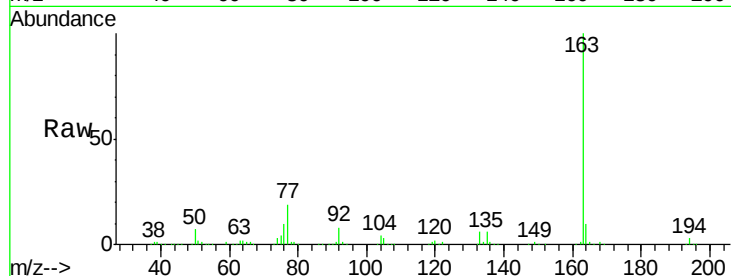




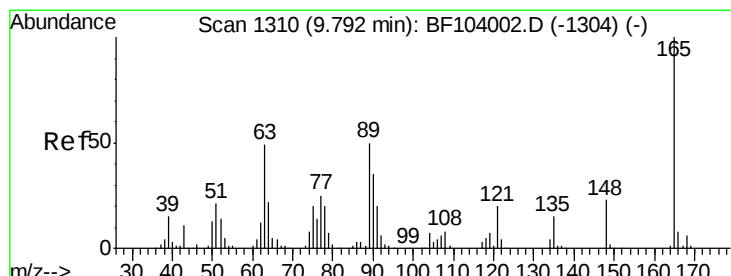
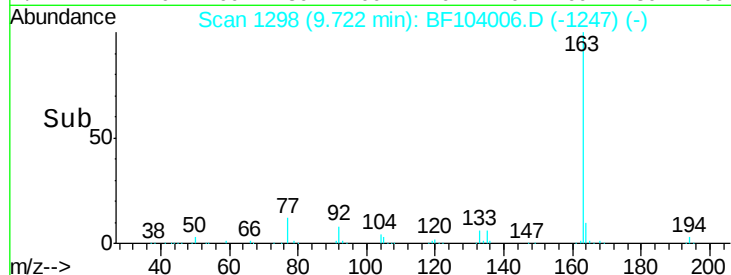
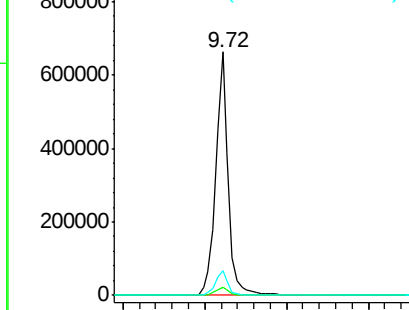
#49
Dimethylphthalate
Concen: 38.354 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 705835
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

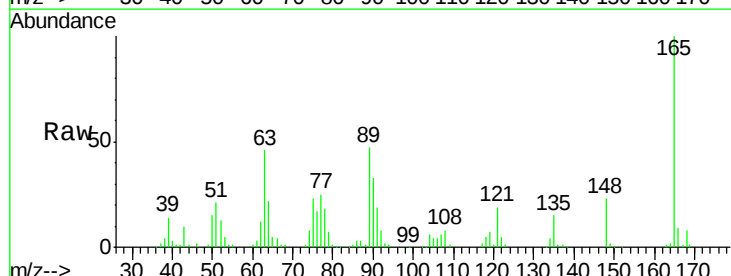


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

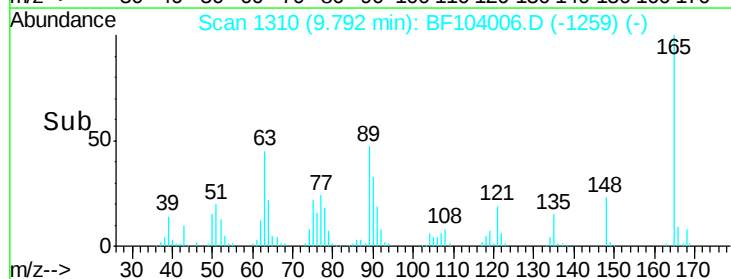
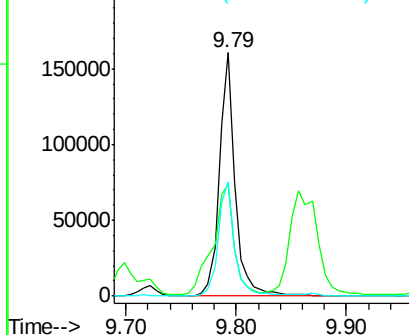


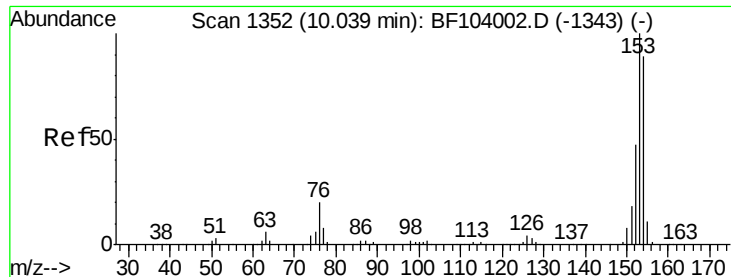
#50
2,6-Dinitrotoluene
Concen: 40.457 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion:165 Resp: 160181
Ion Ratio Lower Upper
165 100
63 45.9 44.7 67.1
89 47.2 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: 38.592 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

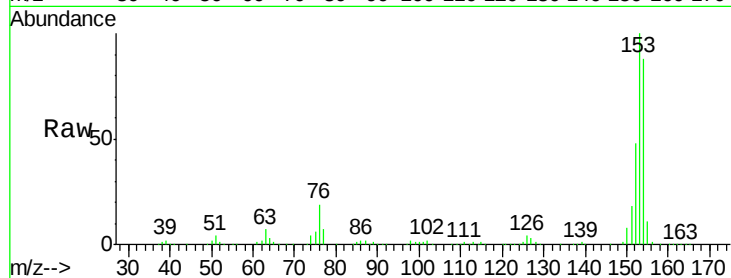
Tot Ion:154 Resp: 533726

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

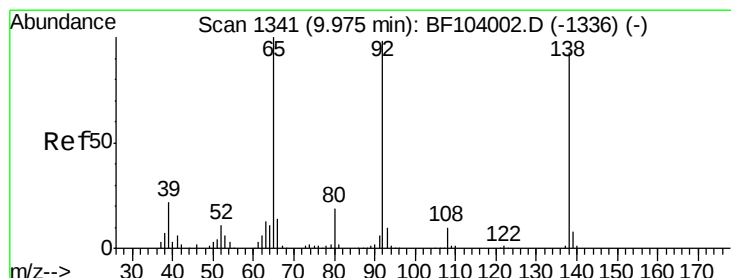
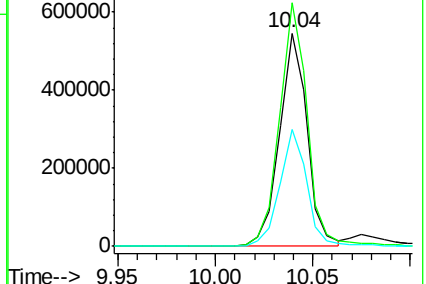
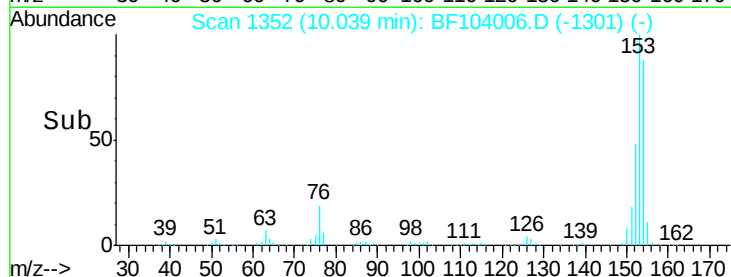
152 54.9 43.8 65.8



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: 39.825 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

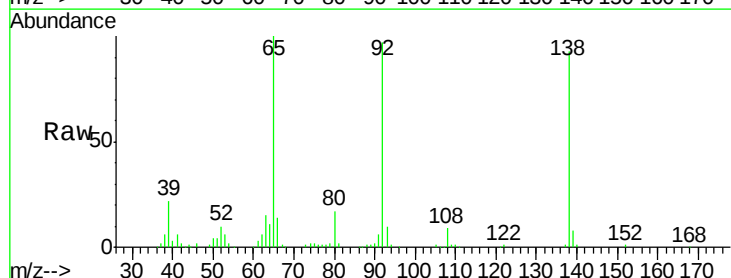
Tgt Ion:138 Resp: 181257

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

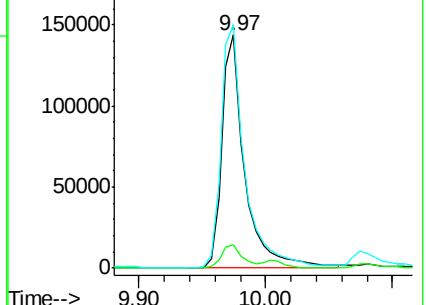
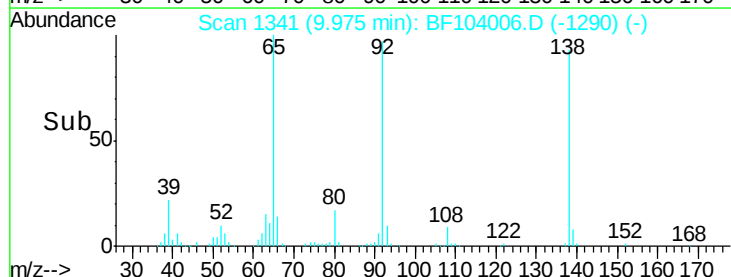
92 104.4 89.4 134.2

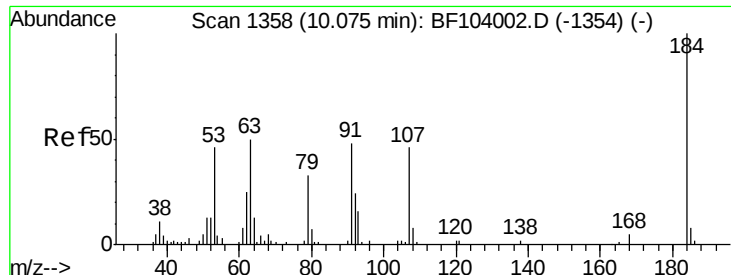


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

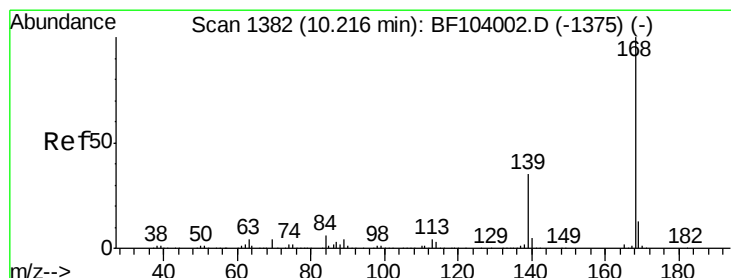
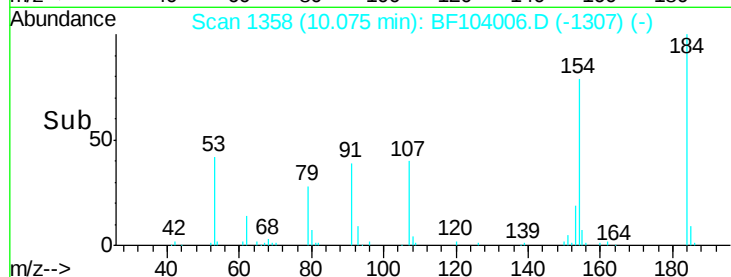
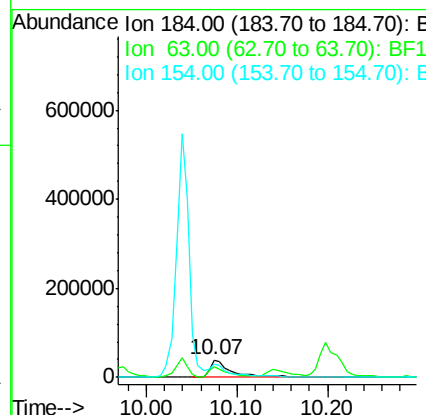
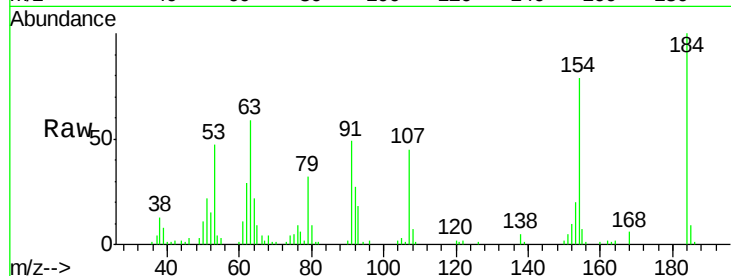




#53
 2,4-Dinitrophenol
 Concen: 41.640 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

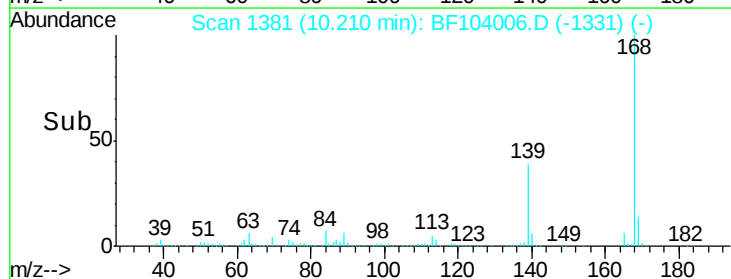
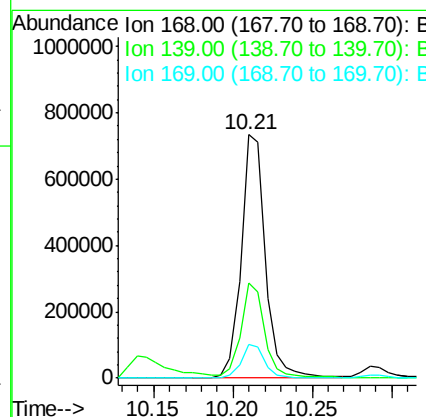
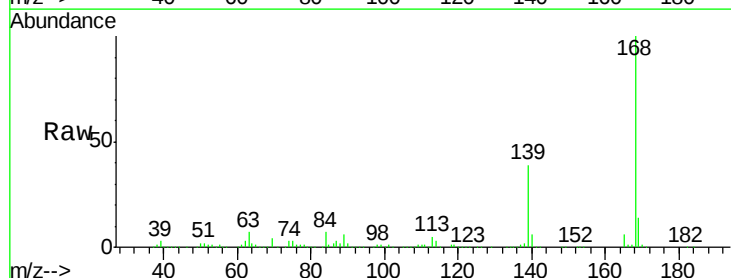
Instrument :
 BNA_F
 ClientSampleId :

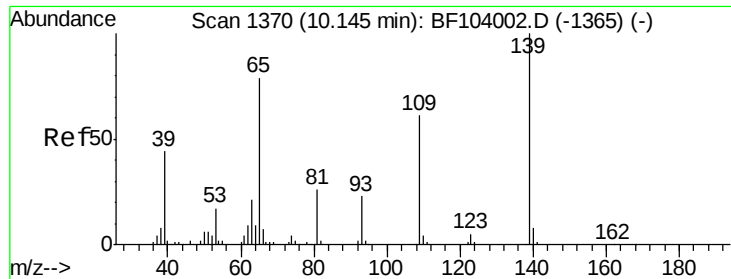
Tot Ion:184 Resp: 67009
 Ion Ratio Lower Upper
 184 100
 63 59.3 54.2 81.2
 154 78.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 38.534 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion:168 Resp: 778229
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 13.8 10.9 16.3

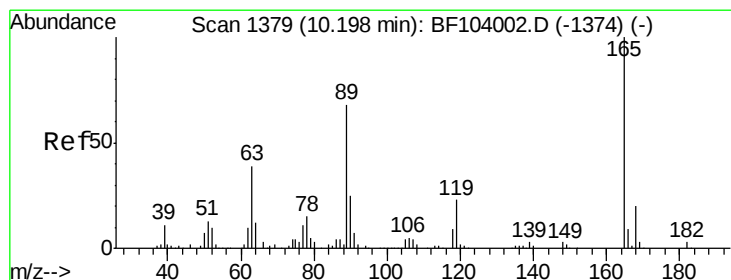
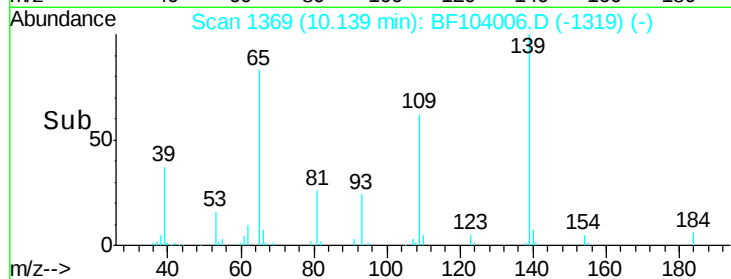
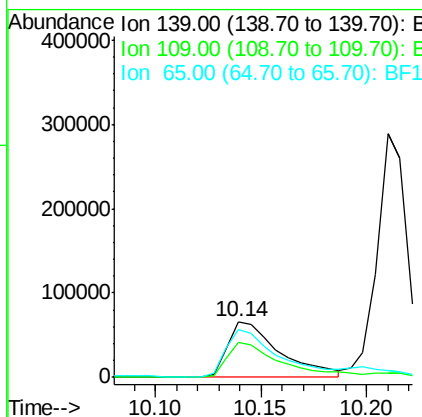
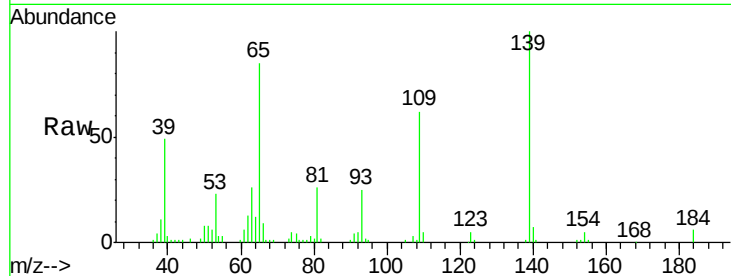




#55
4-Nitrophenol
Concen: 41.273 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

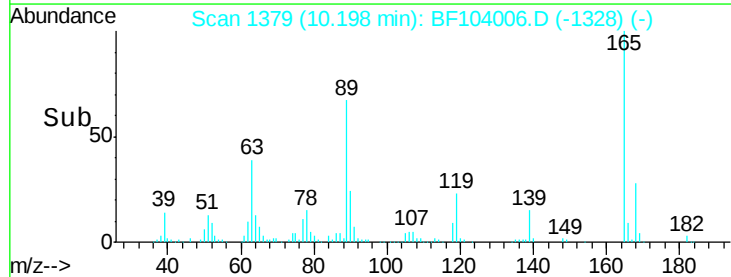
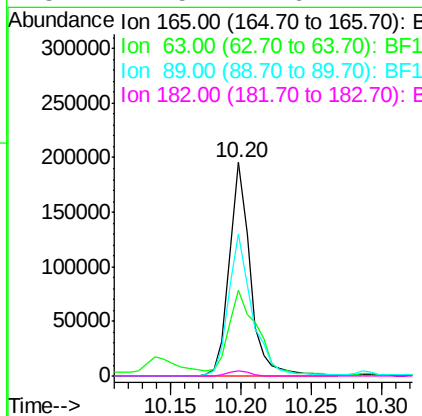
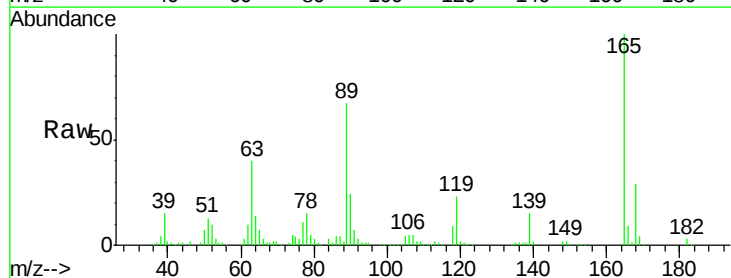
Instrument :
BNA_F
ClientSampleId :

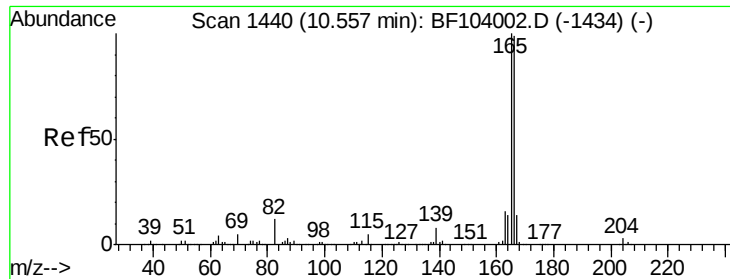
Tot Ion	Ratio	Lower	Upper
139	100		
109	62.1	48.4	88.4
65	84.8	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 40.660 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.0	36.4	54.6
89	66.8	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 38.474 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

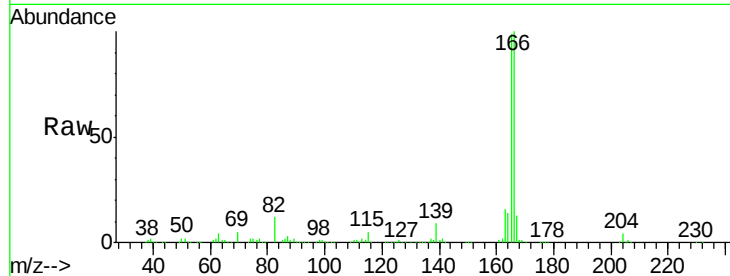
Tot Ion:166 Resp: 640953

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

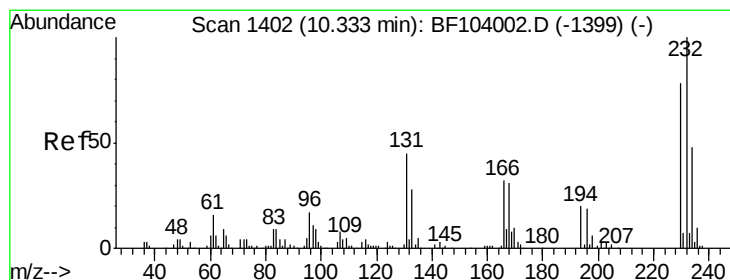
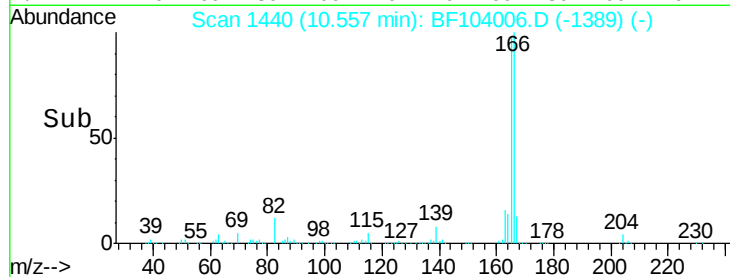
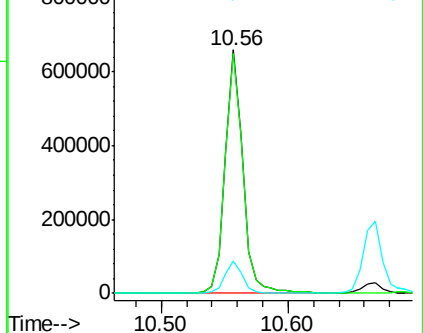
167 13.2 10.6 16.0



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: 39.587 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Tgt Ion:232 Resp: 162085

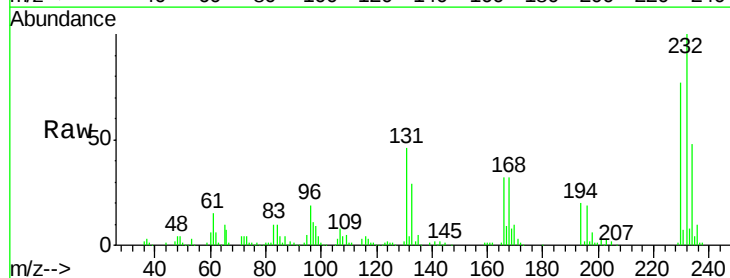
Ion Ratio Lower Upper

232 100

131 45.7 43.8 65.8

130 2.2 2.1 3.1

166 30.7 27.8 41.6

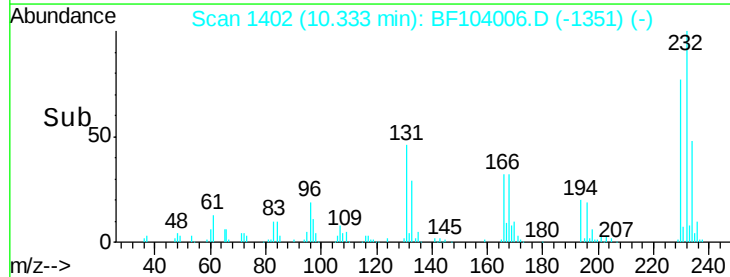
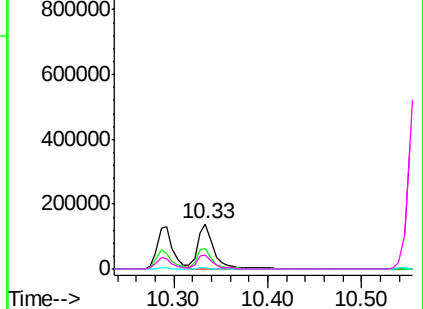


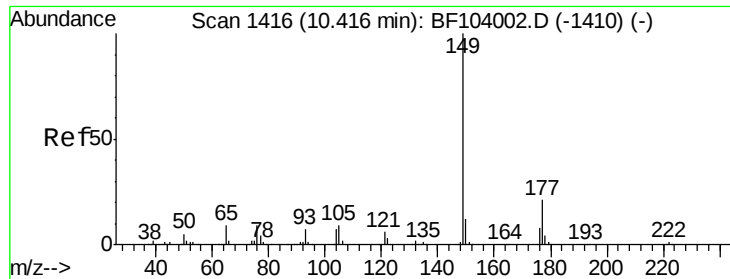
Abundance Ion 232.00 (231.70 to 232.70): E

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

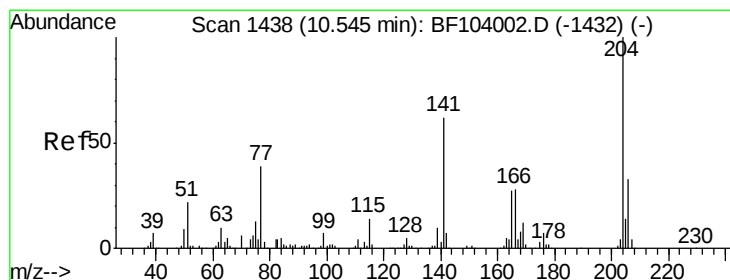
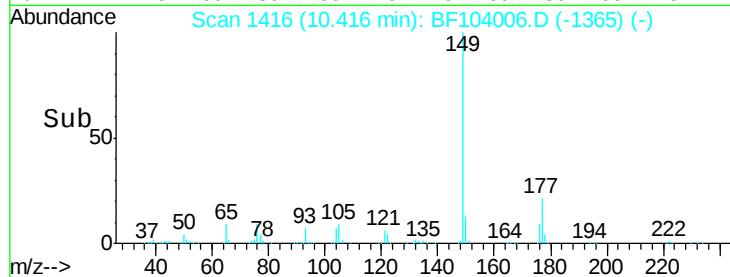
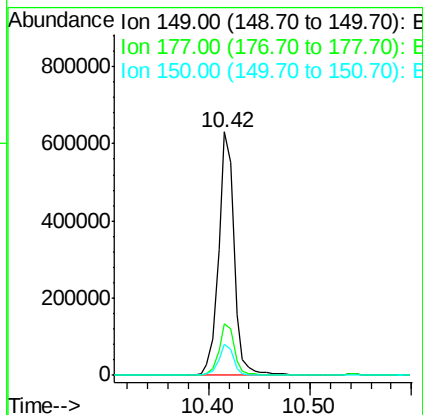
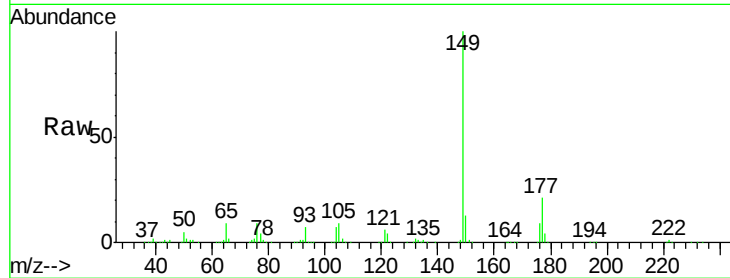




#59
Diethylphthalate
Concen: 38.192 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

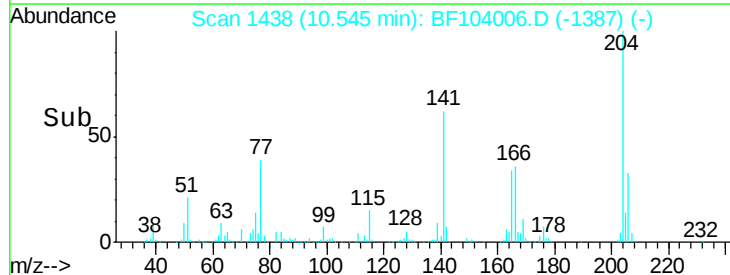
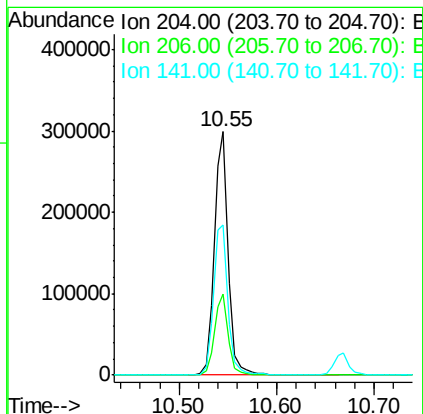
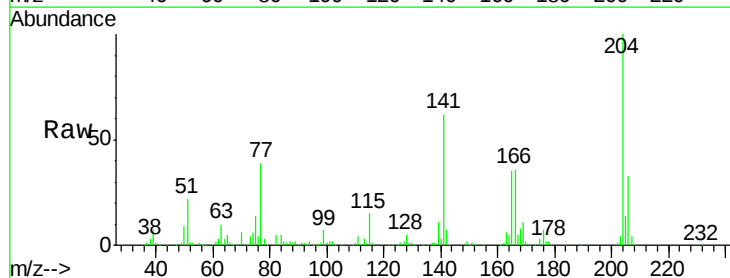
Instrument :
BNA_F
ClientSampled :

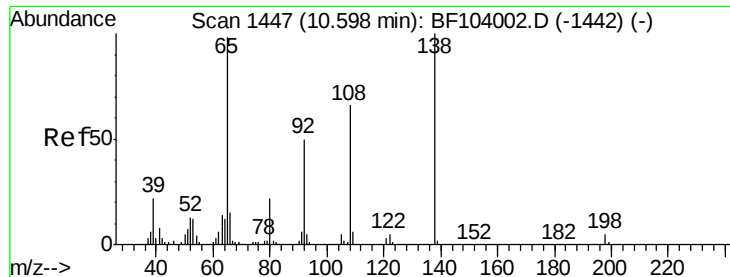
Tot Ion:149 Resp: 673330
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.027 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion:204 Resp: 290965
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 61.6 54.6 81.8

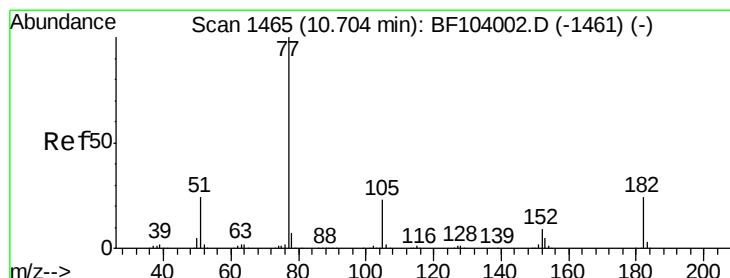
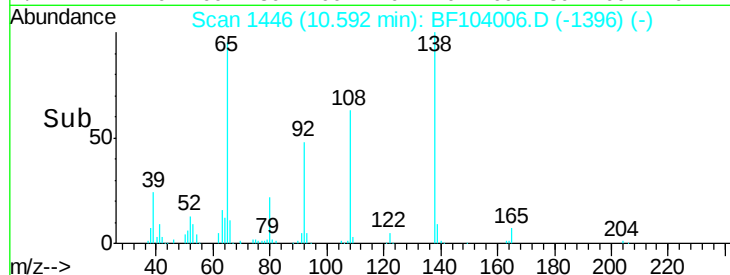
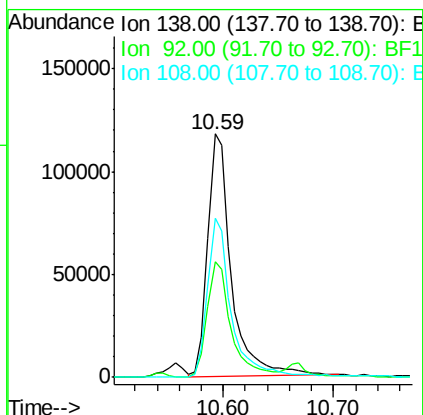
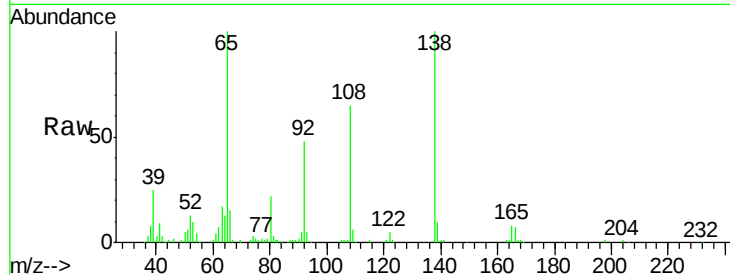




#61
4-Nitroaniline
Concen: 40.240 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

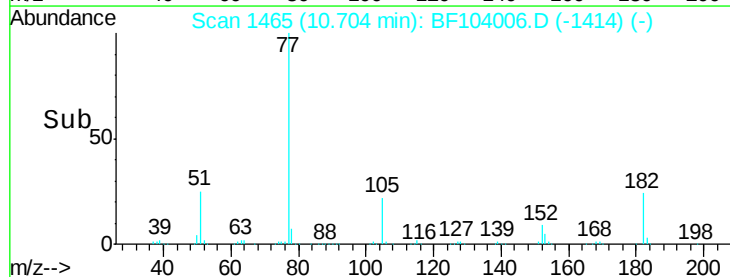
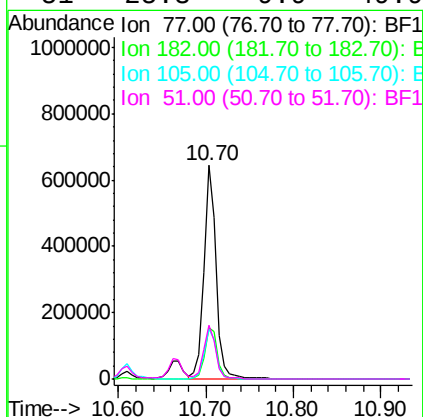
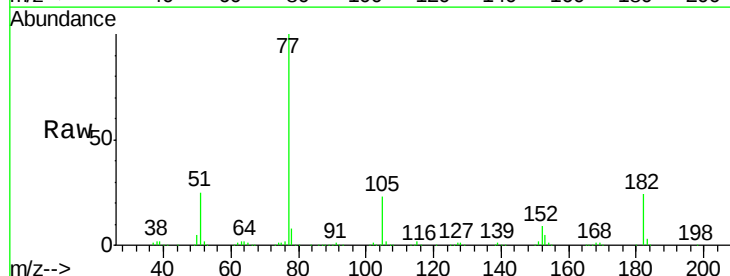
Instrument :
BNA_F
ClientSampleId :

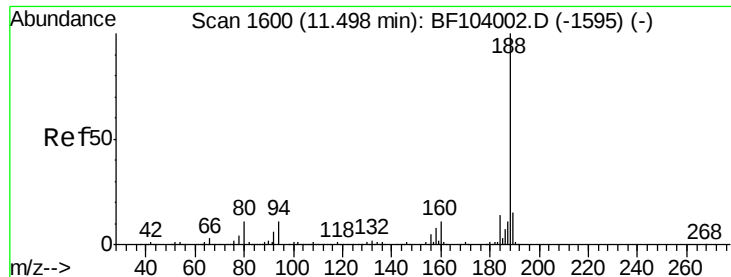
Tot Ion:138 Resp: 171370
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 65.2 52.5 92.5



#62
Azobenzene
Concen: 39.121 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion: 77 Resp: 623654
Ion Ratio Lower Upper
77 100
182 24.1 1.7 41.7
105 23.1 3.0 43.0
51 25.3 9.9 49.9

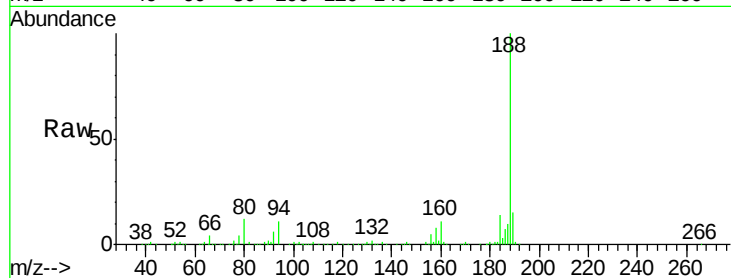




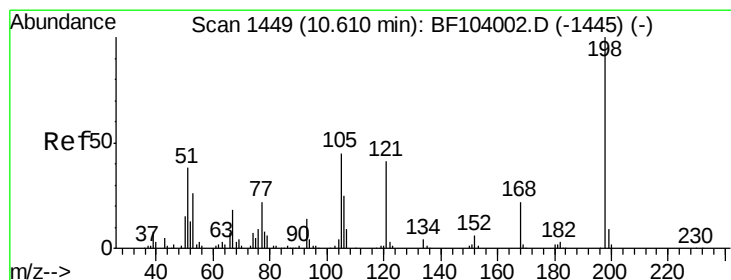
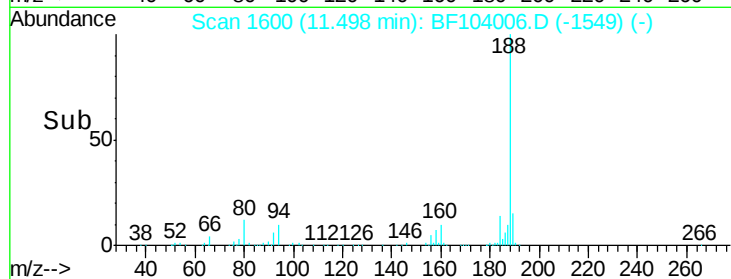
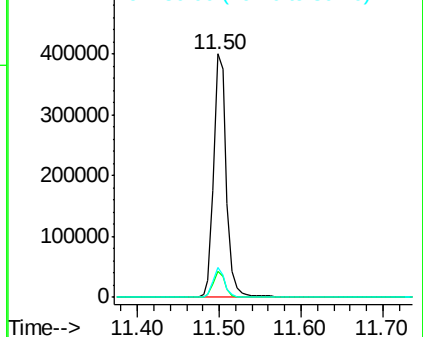
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 433618
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.0 9.2 13.8

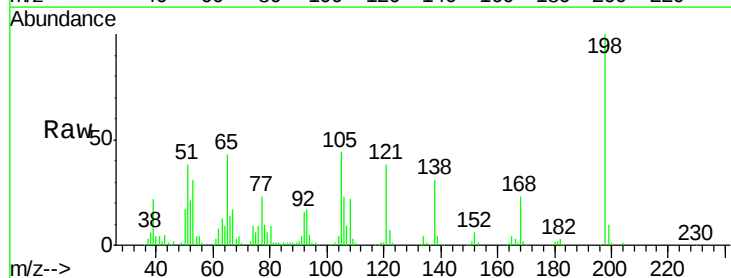


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

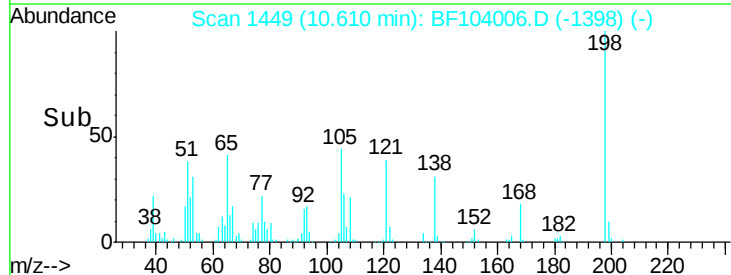
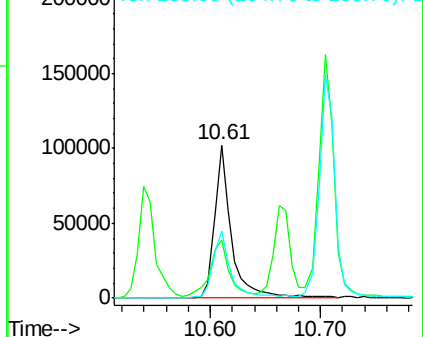


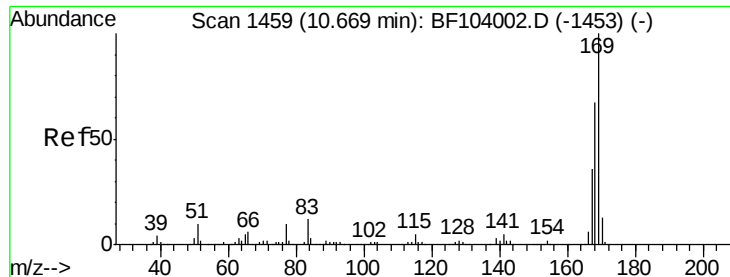
#64
4,6-Dinitro-2-methylphenol
Concen: 41.001 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion:198 Resp: 107618
Ion Ratio Lower Upper
198 100
51 38.3 37.7 77.7
105 44.1 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.385 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

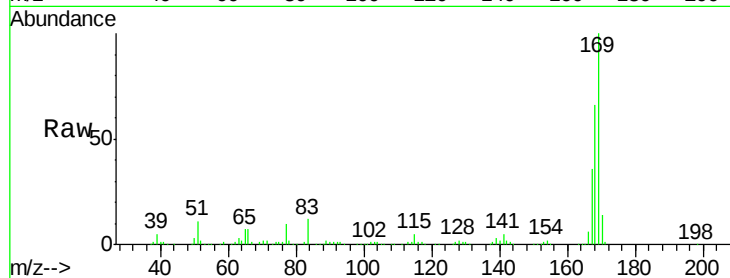
Tot Ion:169 Resp: 563690

Ion Ratio Lower Upper

169 100

168 66.5 54.4 81.6

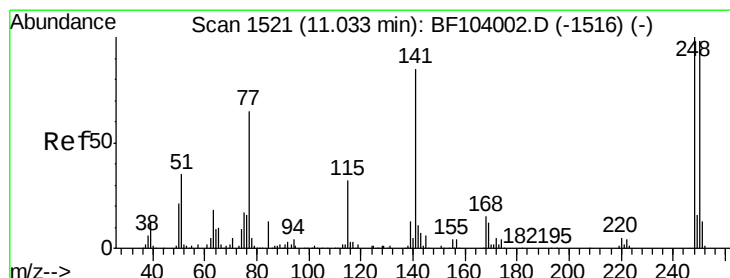
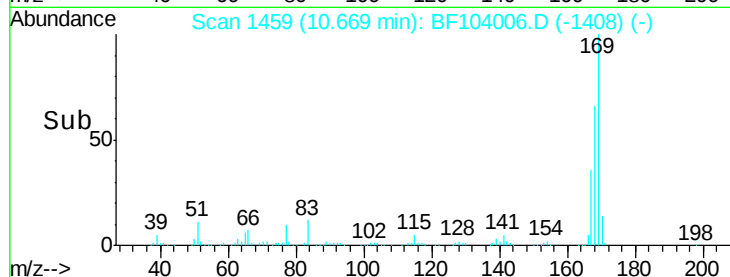
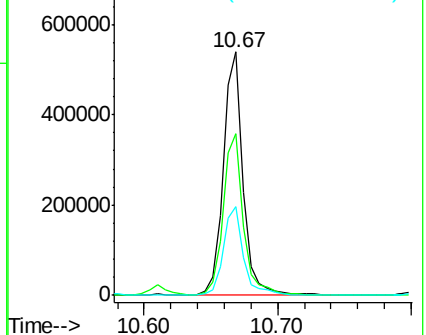
167 36.4 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.523 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

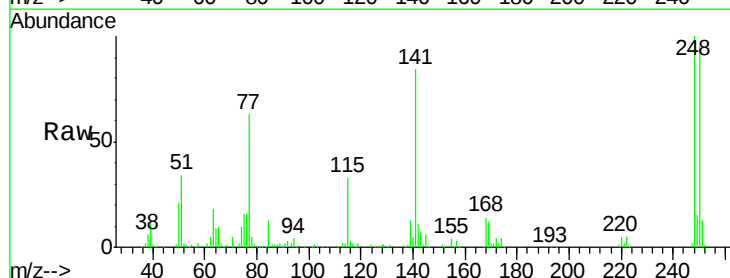
Tgt Ion:248 Resp: 178713

Ion Ratio Lower Upper

248 100

250 95.2 76.9 115.3

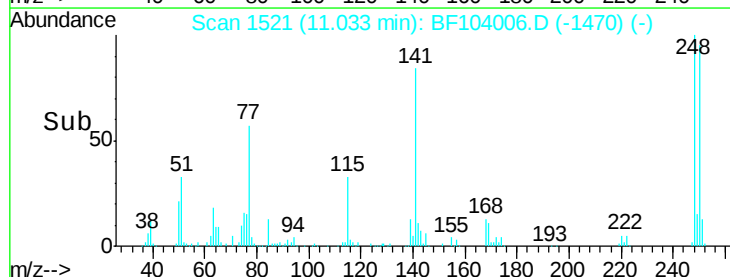
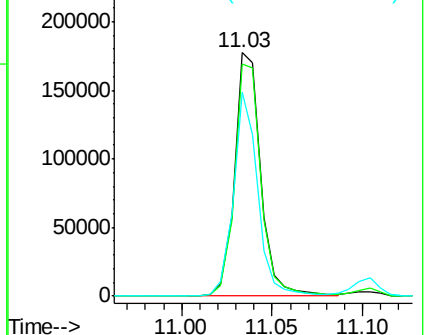
141 83.7 74.4 111.6

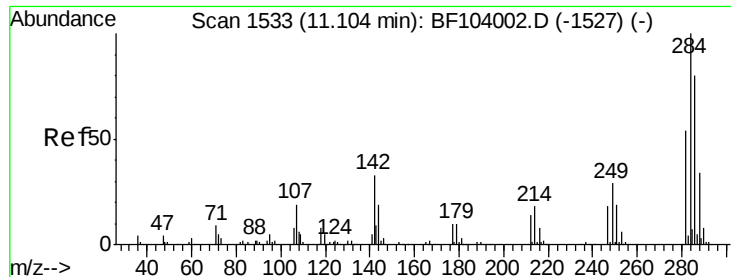


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

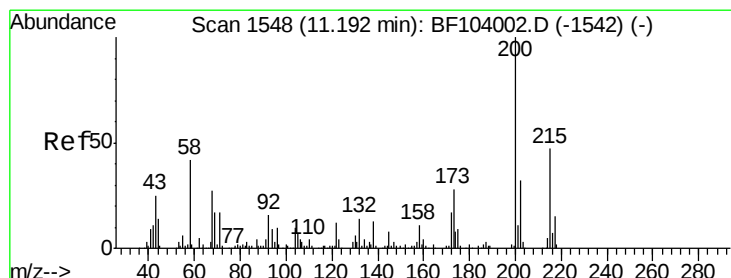
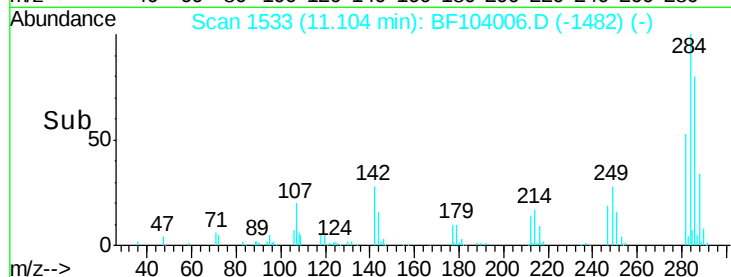
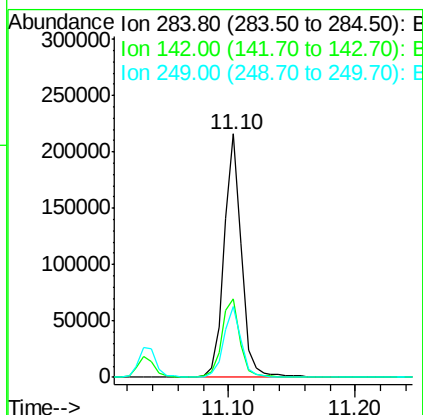
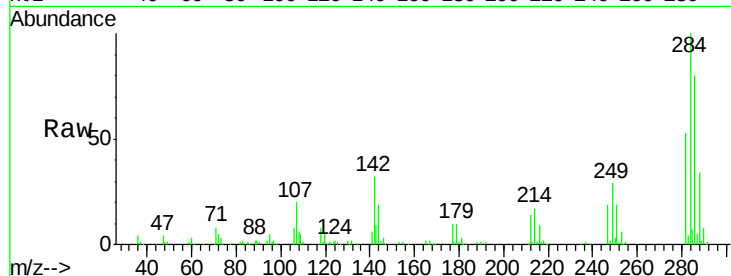




#67
Hexachlorobenzene
Concen: 38.326 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

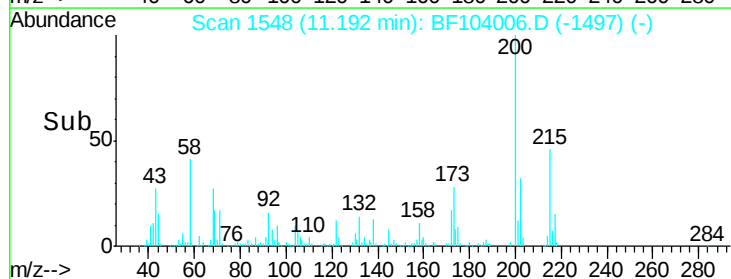
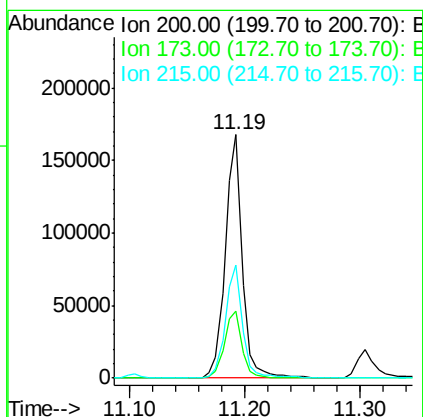
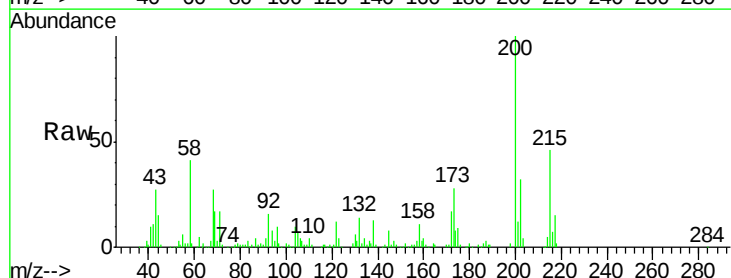
Instrument :
BNA_F
ClientSampled :

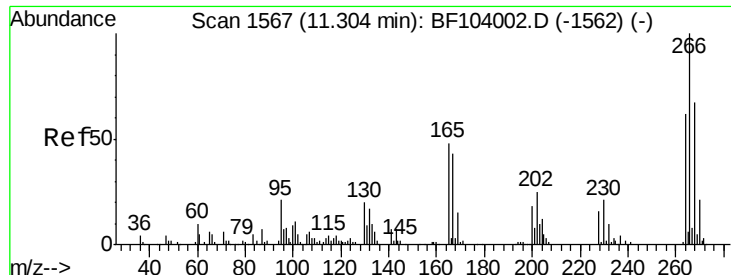
Tot Ion	Ratio	Lower	Upper
284	100		
142	32.4	34.6	52.0#
249	29.3	24.8	37.2



#68
Atrazine
Concen: 38.293 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.6	48.6
215	46.4	25.1	65.1

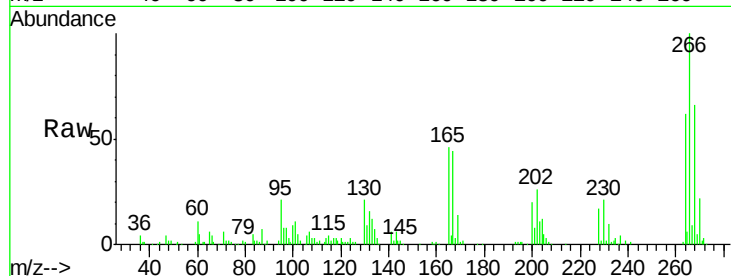




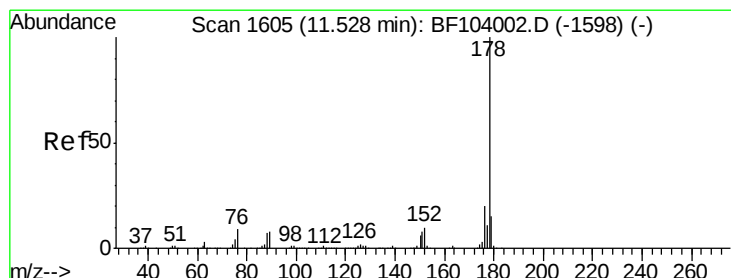
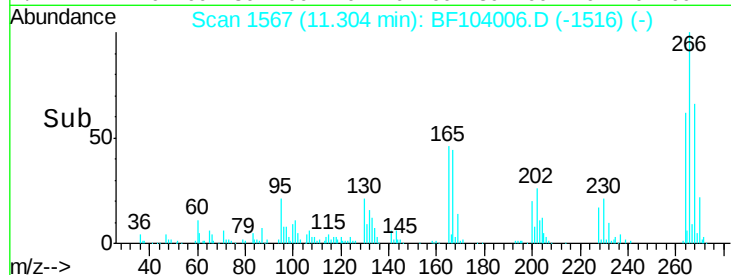
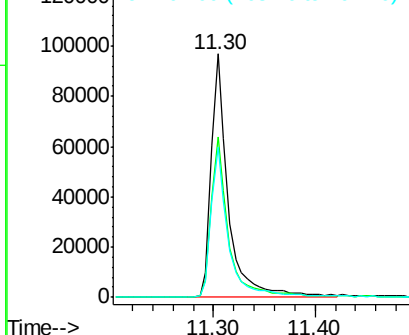
#69
 Pentachlorophenol
 Concen: 38.951 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 114380
 Ion Ratio Lower Upper
 266 100
 268 65.8 51.1 76.7
 264 61.8 49.5 74.3

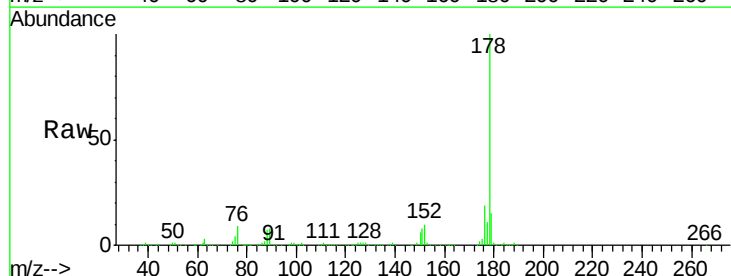


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

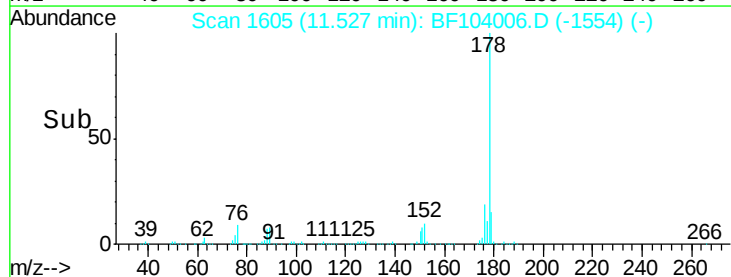
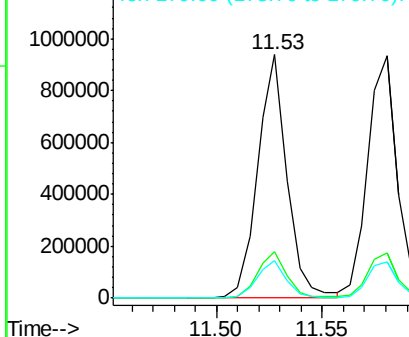


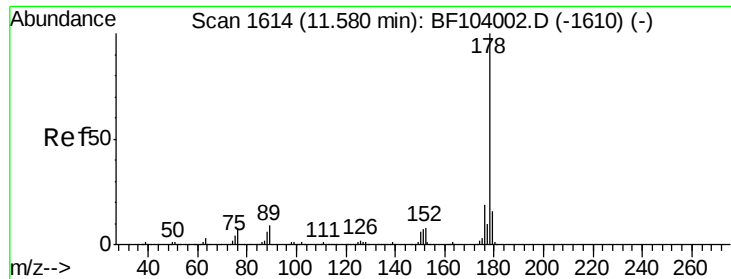
#70
 Phenanthrene
 Concen: 38.700 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion:178 Resp: 908542
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.5 13.0 19.6



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

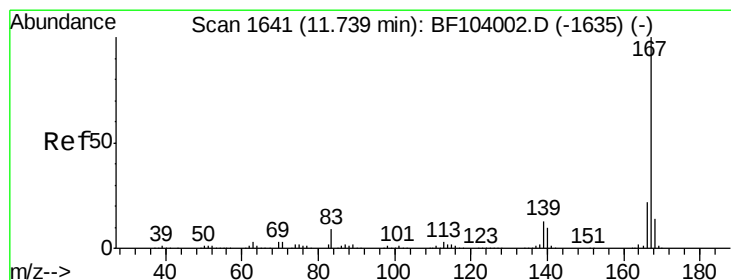
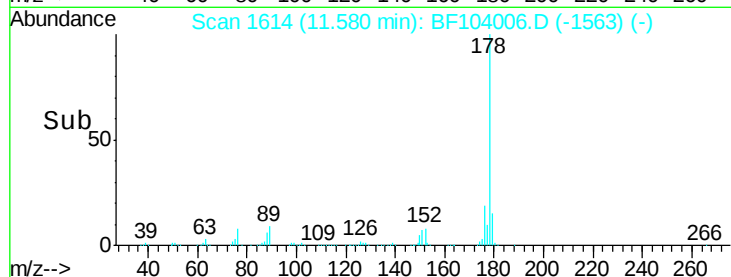
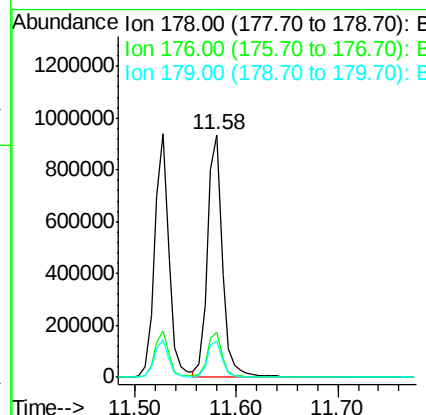
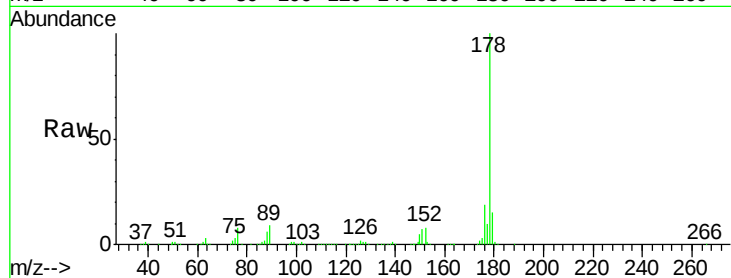




#71
 Anthracene
 Concen: 38.880 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

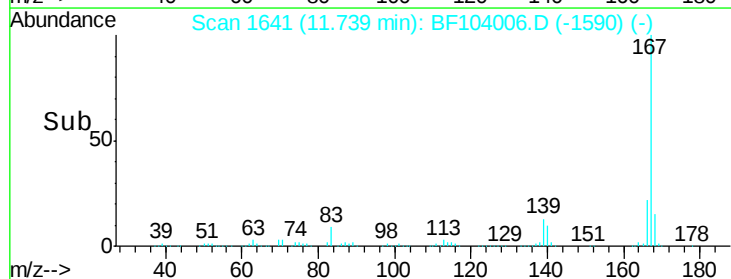
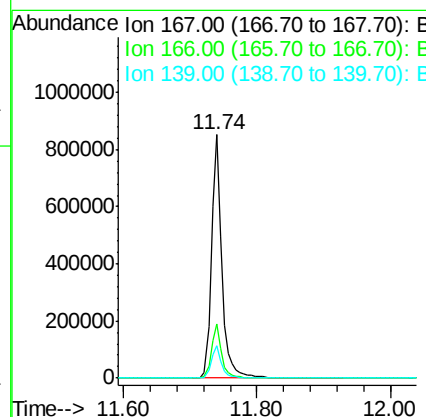
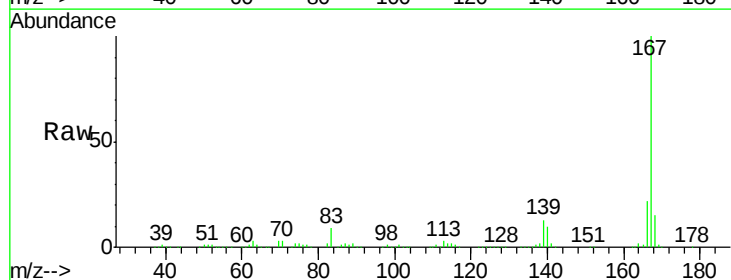
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 953410
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 39.339 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion:167 Resp: 920701
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.295 ng

RT: 12.05 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

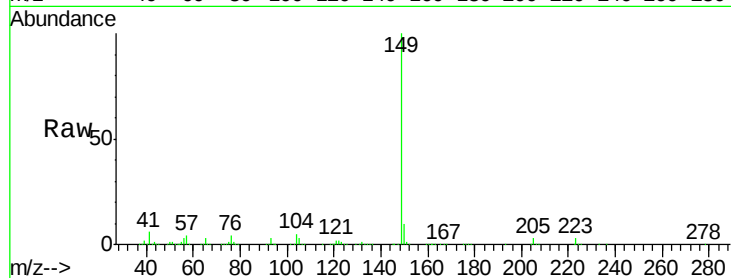
Tot Ion:149 Resp: 1039723

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

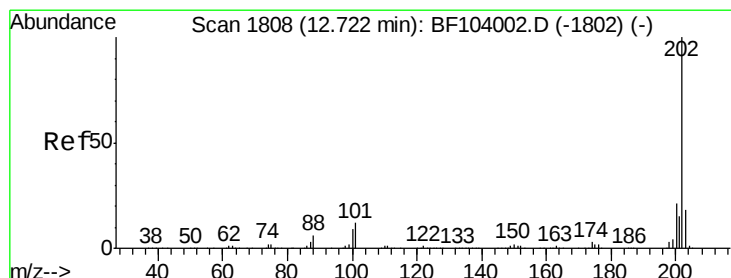
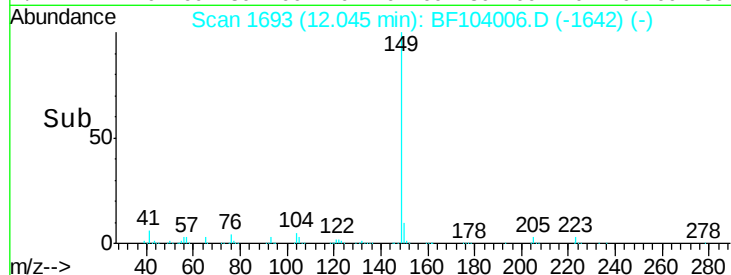
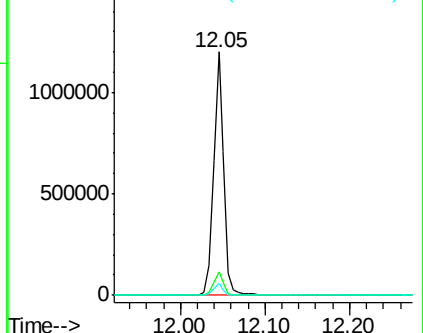
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.112 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

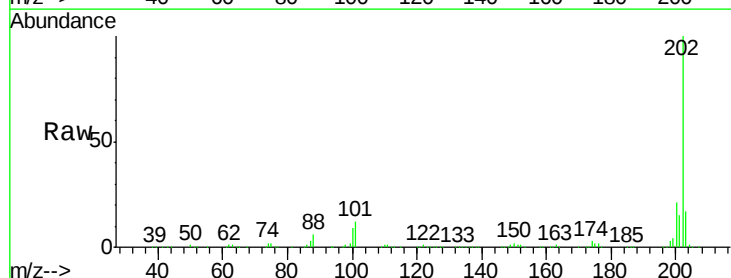
Tgt Ion:202 Resp: 976007

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

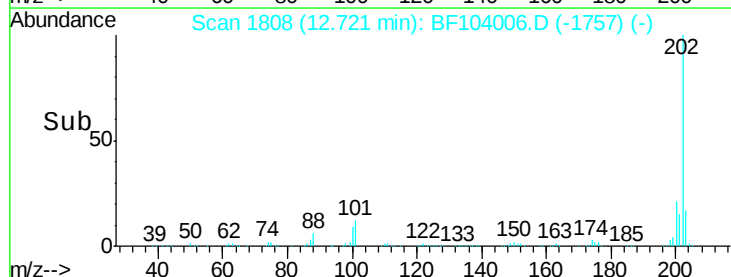
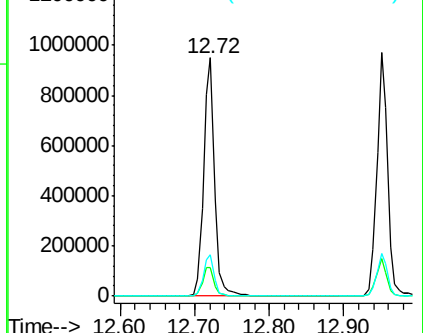
203 17.3 0.0 38.1

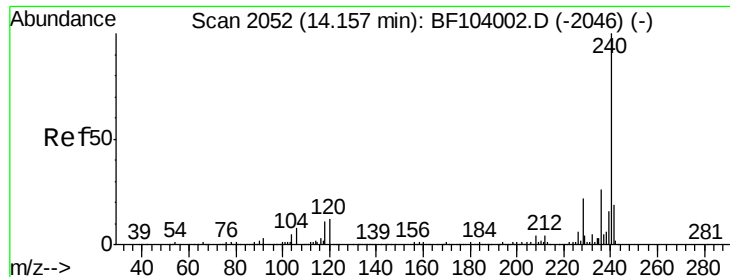


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampled :

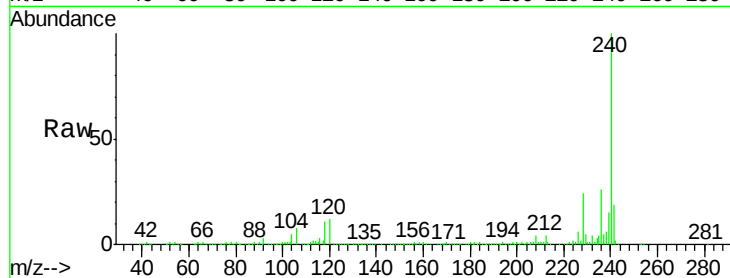
Tot Ion:240 Resp: 368047

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

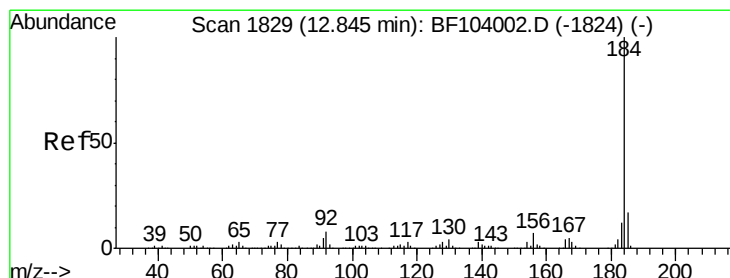
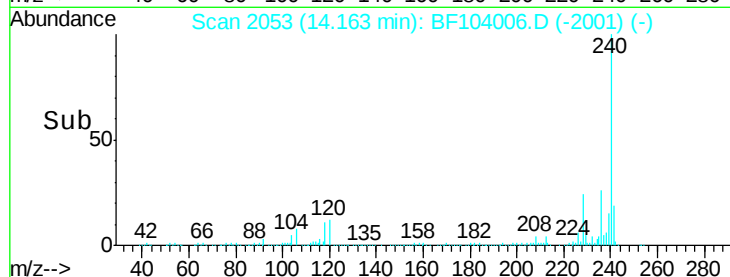
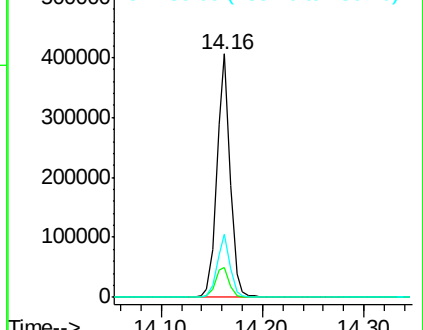
236 26.1 20.7 31.1



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: 39.876 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

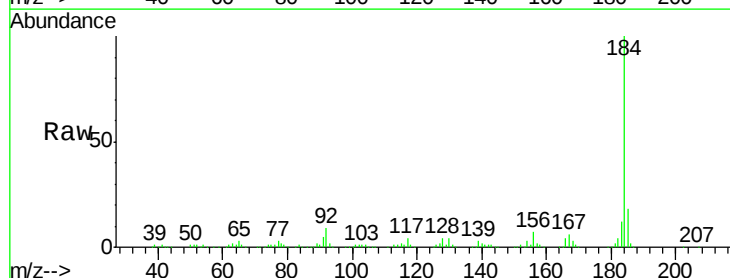
Tgt Ion:184 Resp: 418240

Ion Ratio Lower Upper

184 100

185 17.8 12.6 18.8

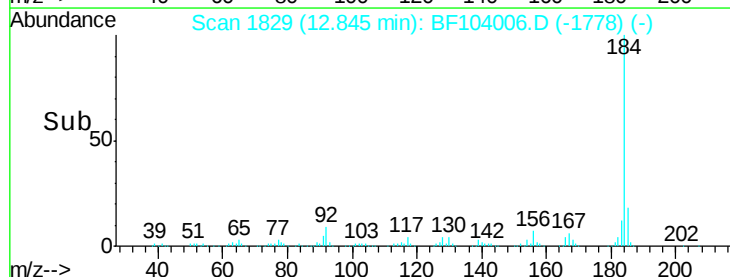
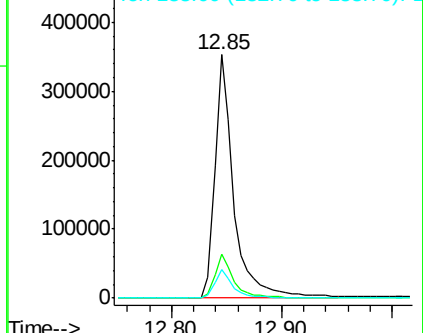
183 11.9 9.3 13.9

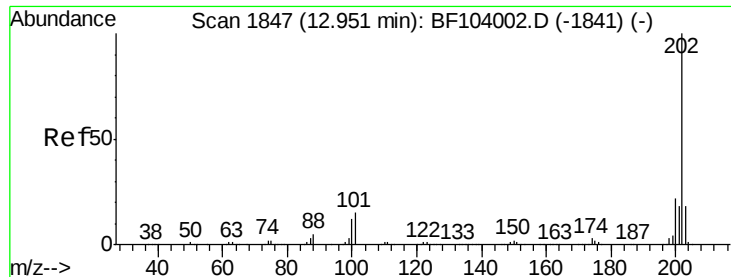


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

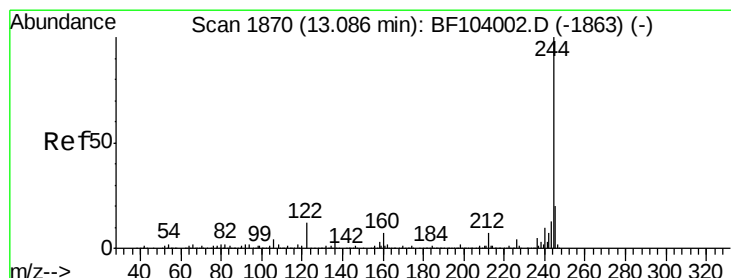
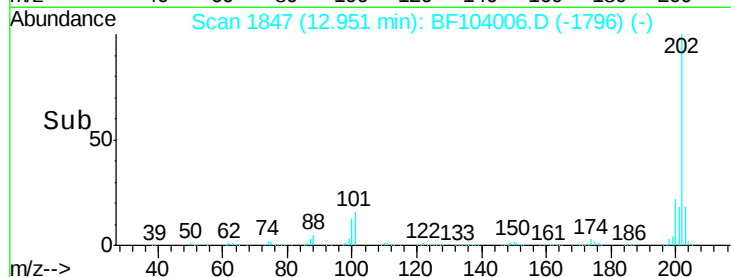
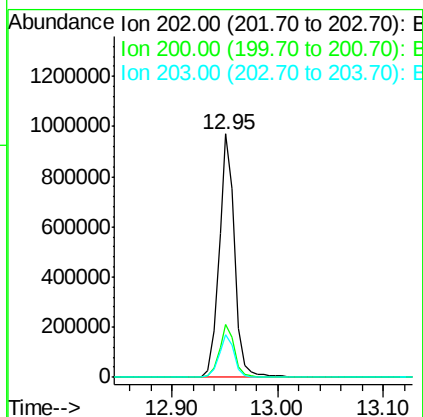
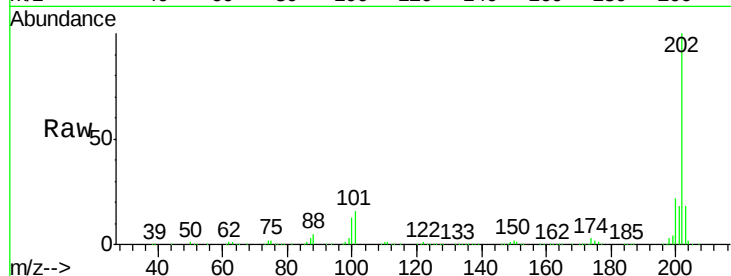




#77
Pvrene
Concen: 37.813 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

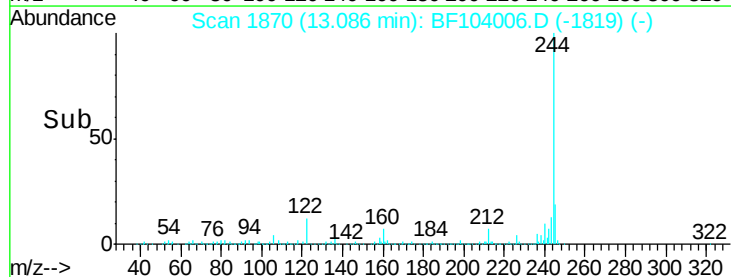
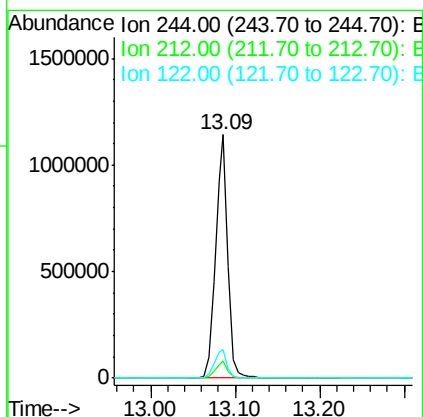
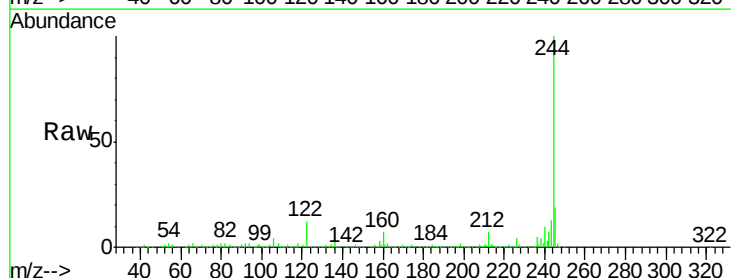
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1000420
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 73.214 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion:244 Resp: 1167033
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.9 11.0 16.4

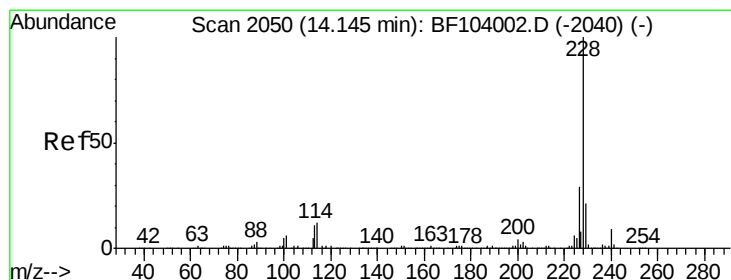
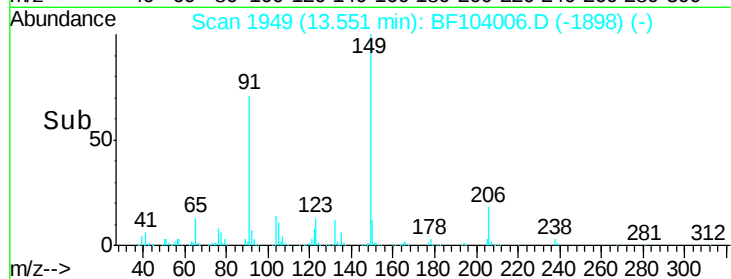
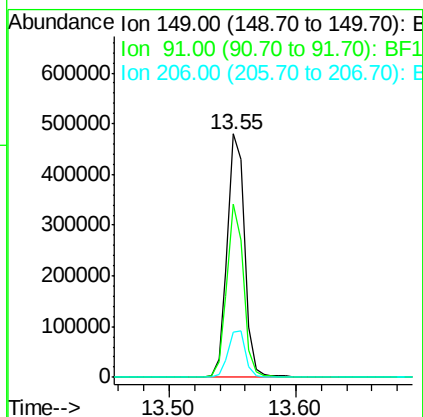
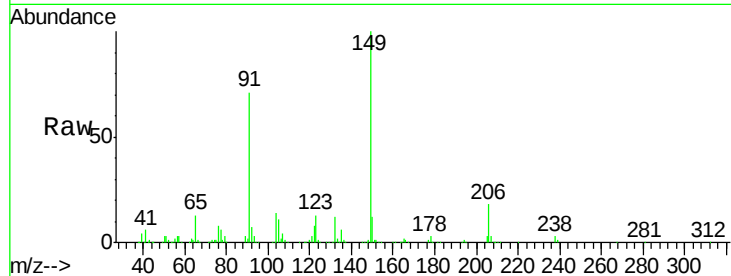




#79
Butylbenzylphthalate
Concen: 36.685 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

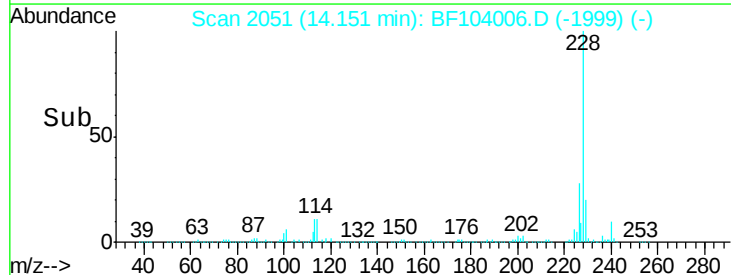
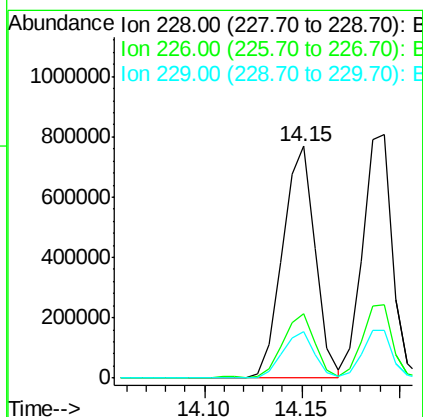
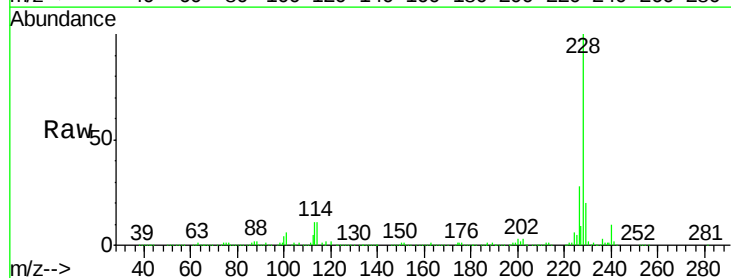
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 457265
Ion Ratio Lower Upper
149 100
91 71.1 56.8 85.2
206 18.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.479 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion:228 Resp: 886138
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.9 15.8 23.6

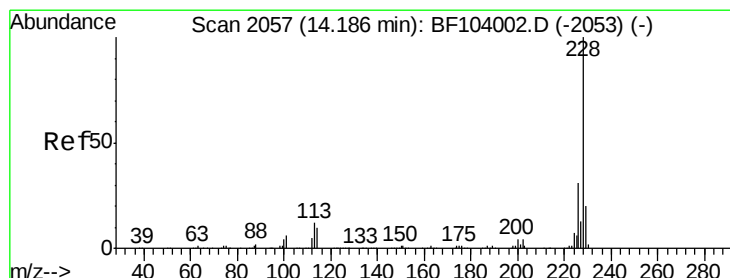
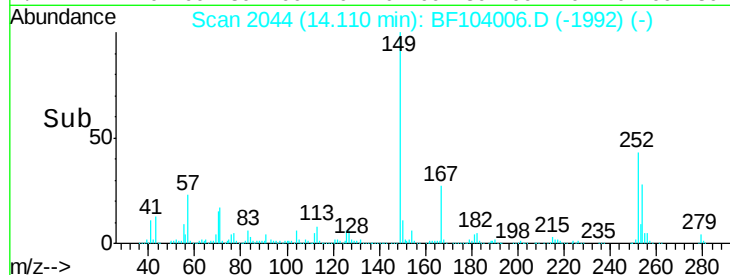
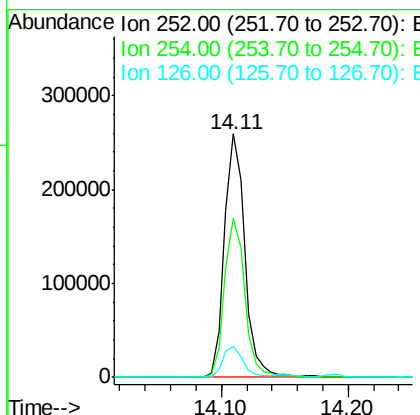
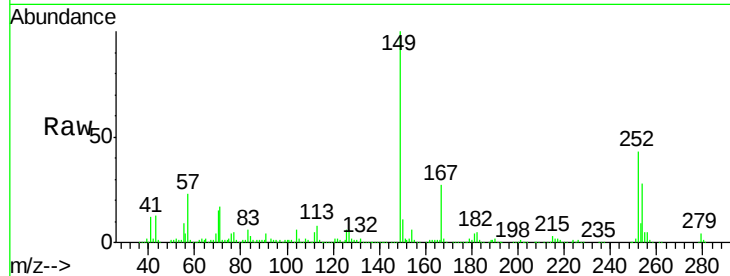




#81
 3,3'-Dichlorobenzidine
 Concen: 38.177 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

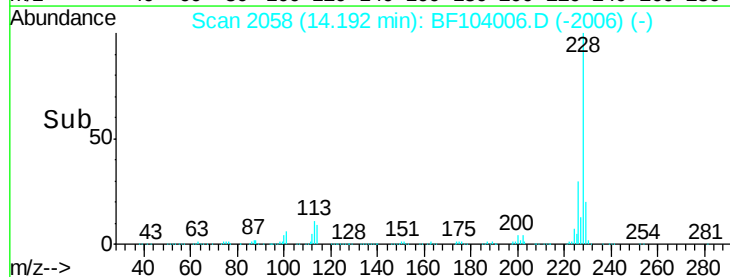
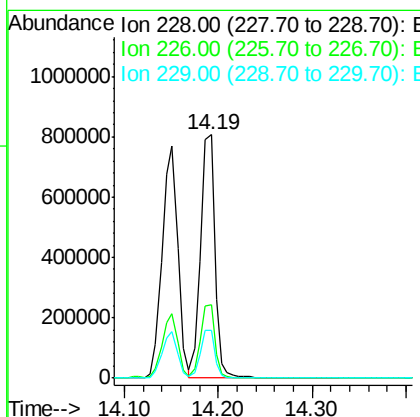
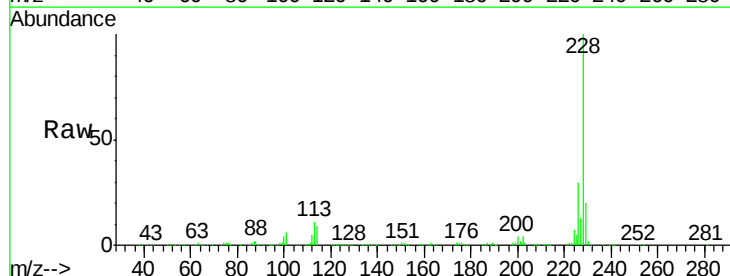
Instrument :
 BNA_F
 ClientSampleId :

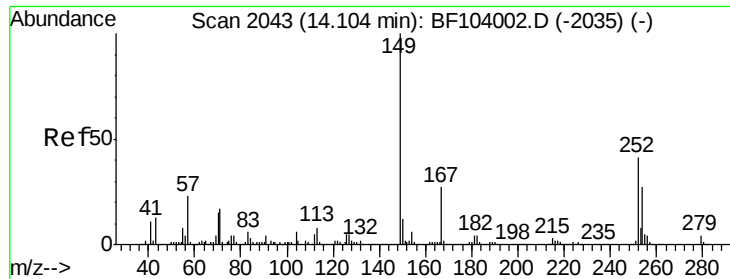
Tot Ion:252 Resp: 291015
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.4 75.6
 126 13.0 11.3 16.9



#82
 Chrysene
 Concen: 38.249 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion:228 Resp: 862743
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 19.5 16.2 24.4

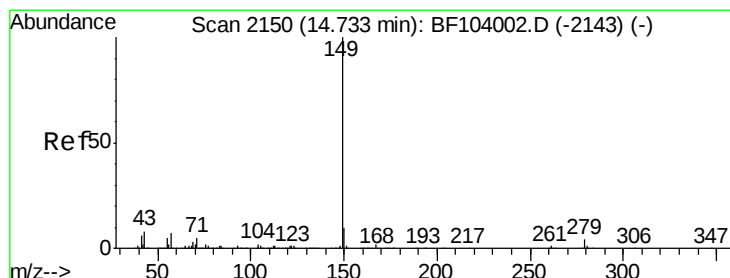
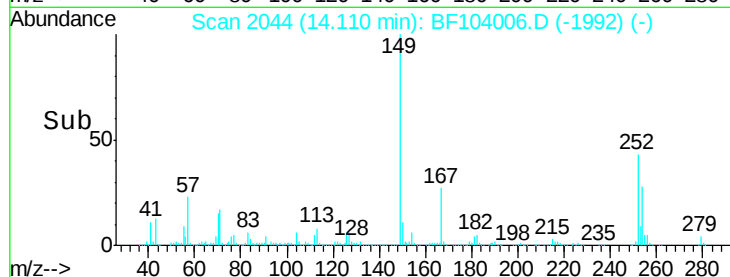
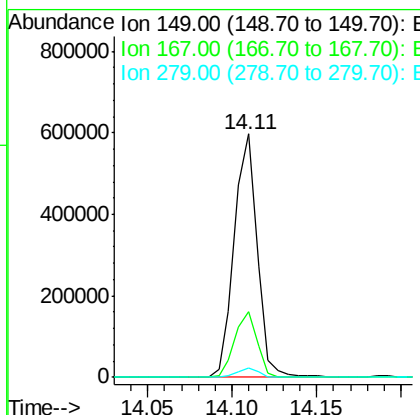
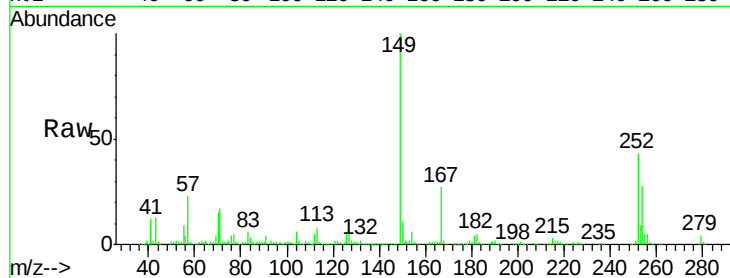




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.159 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

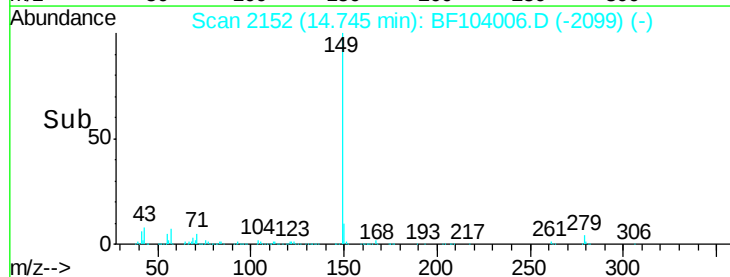
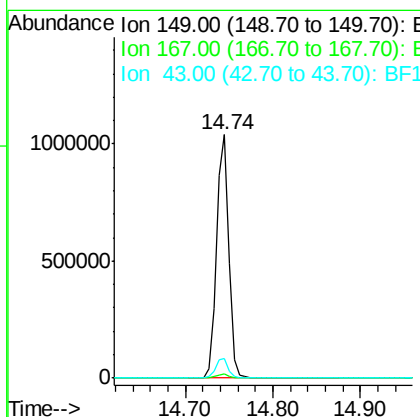
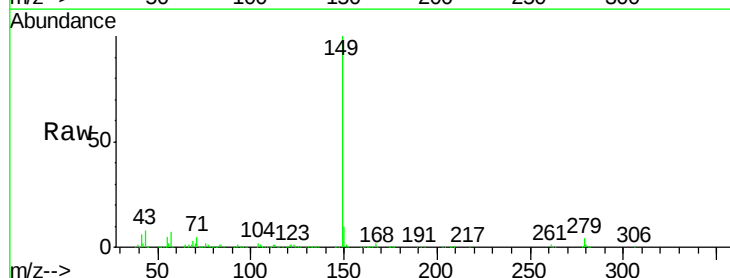
Instrument :
 BNA_F
 ClientSampleId :

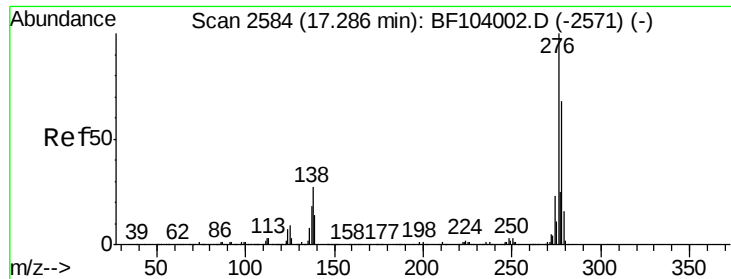
Tot Ion:149 Resp: 566240
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.8 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 36.345 ng
 RT: 14.74 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Tgt Ion:149 Resp: 1006903
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.1 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.946 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.02 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

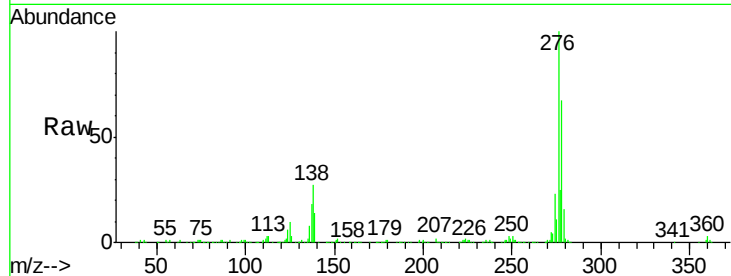
Tot Ion:276 Resp: 933697

Ion Ratio Lower Upper

276 100

138 28.1 25.0 37.6

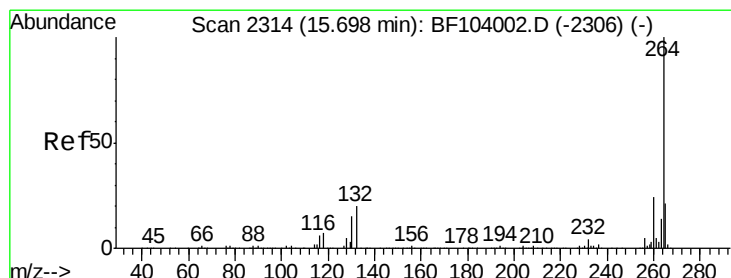
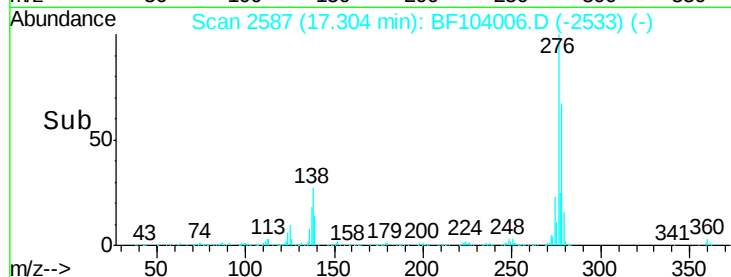
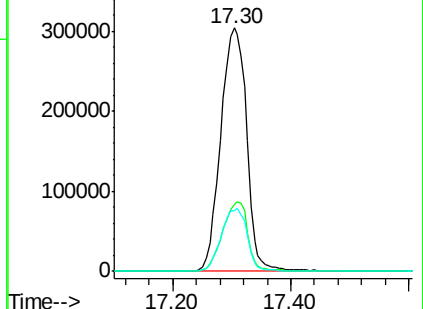
277 25.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. 0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

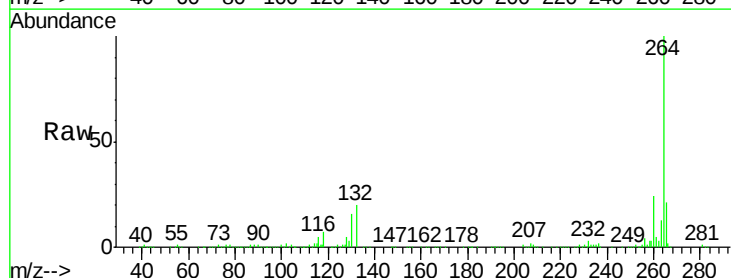
Tgt Ion:264 Resp: 380856

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

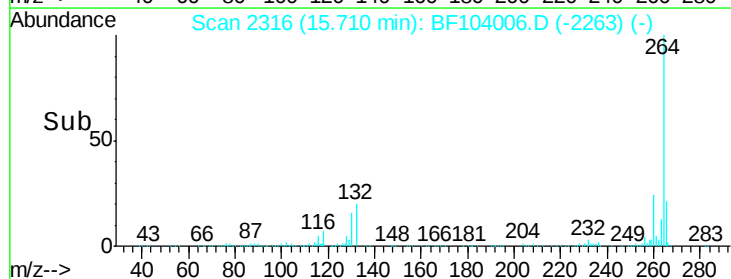
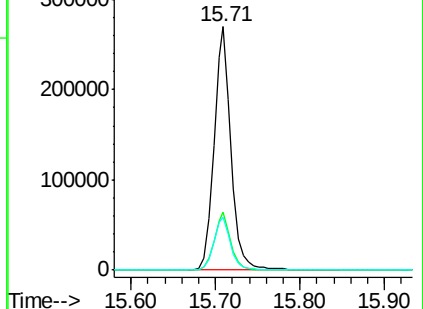
265 21.5 17.5 26.3

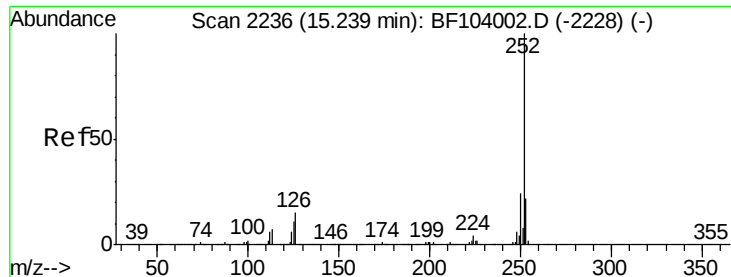


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

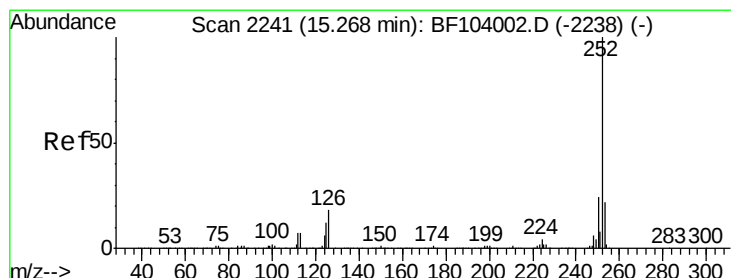
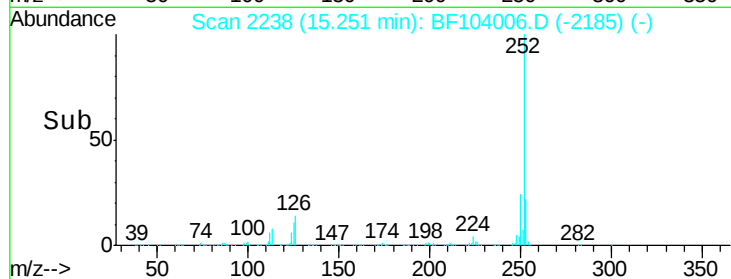
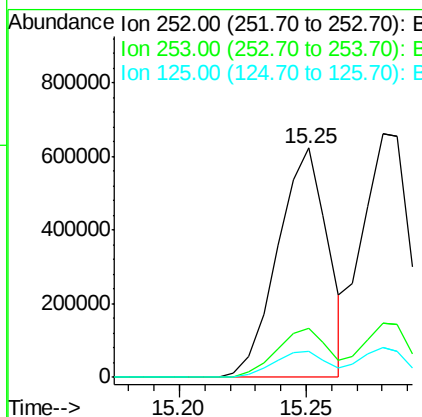
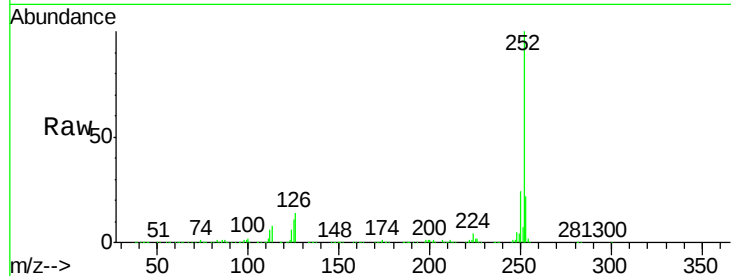




#87
Benzo(b)fluoranthene
Concen: 36.852 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

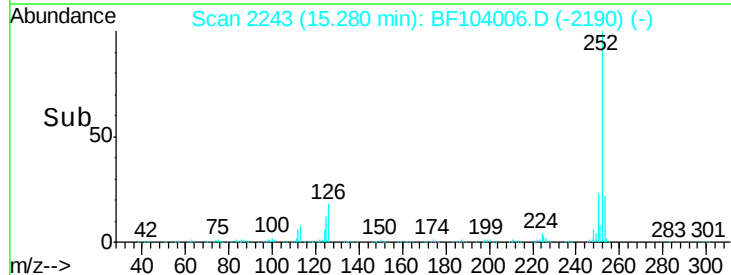
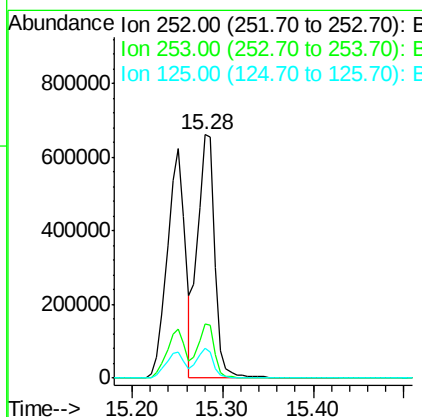
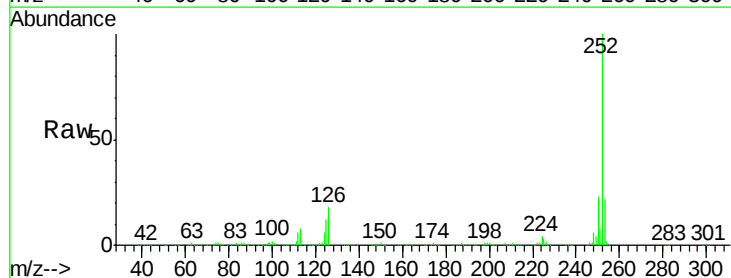
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 854172
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 11.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.177 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF104006.D
Acq: 28 Mar 2018 13:32

Tgt Ion:252 Resp: 877243
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.2 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.234 ng

RT: 15.64 min Scan# 2305

Delta R.T. 0.01 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

Instrument :

BNA_F

ClientSampleId :

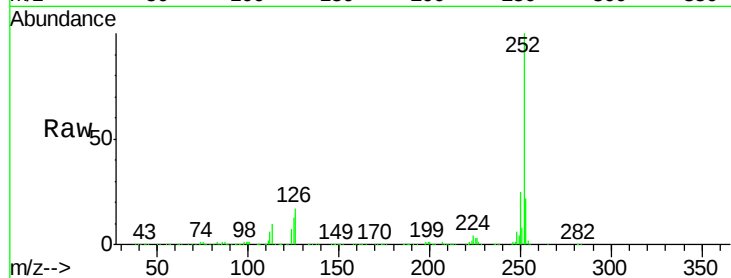
Tot Ion:252 Resp: 821247

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

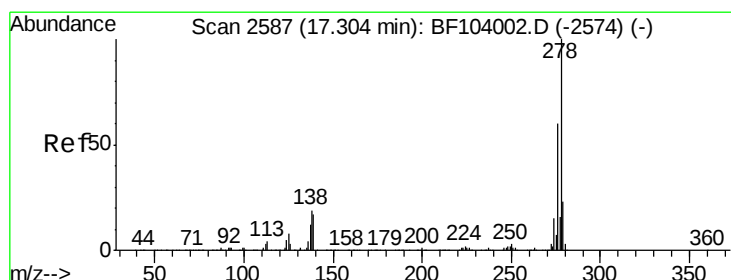
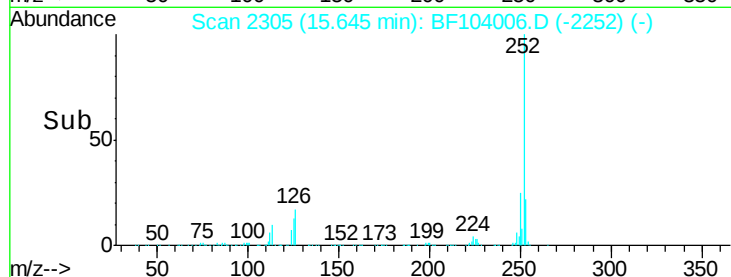
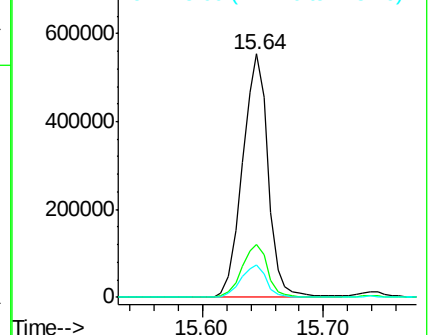
125 13.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.584 ng

RT: 17.32 min Scan# 2590

Delta R.T. 0.02 min

Lab File: BF104006.D

Acq: 28 Mar 2018 13:32

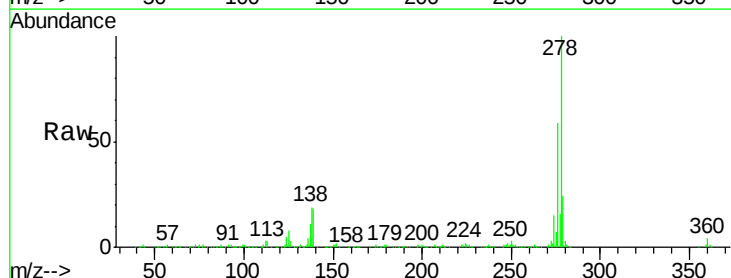
Tgt Ion:278 Resp: 766233

Ion Ratio Lower Upper

278 100

139 17.6 15.9 23.9

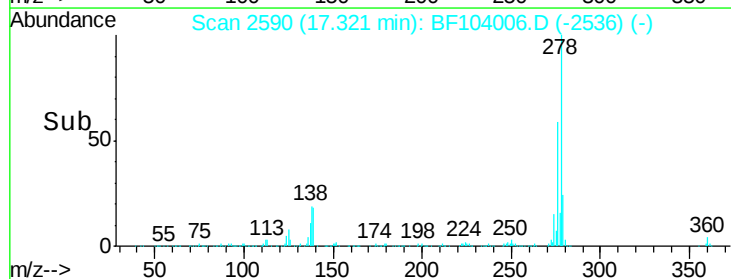
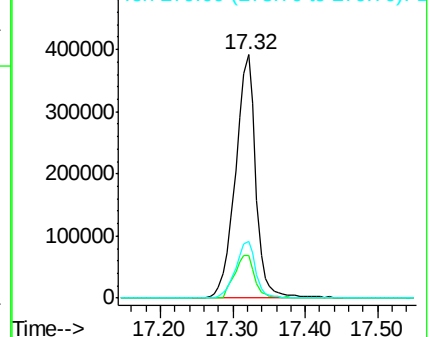
279 23.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

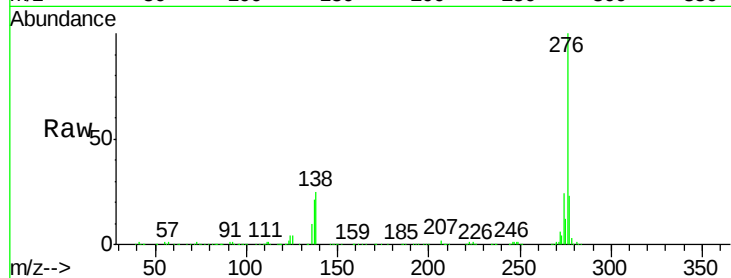




#91
 Benzo(a,h,i)perylene
 Concen: 39.024 ng
 RT: 17.79 min Scan# 2670
 Delta R.T. 0.02 min
 Lab File: BF104006.D
 Acq: 28 Mar 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	25.1	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

