

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104999.D
 Acq On : 1 May 2018 22:06
 Operator : JU/SJ
 Sample : PB108756BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

Quant Time: May 02 06:55:31 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	124045	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	517611	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	234765	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	388748	20.00	ng	0.00
75) Chrysene-d12	14.02	240	231715	20.00	ng	0.05
86) Perylene-d12	15.57	264	215721	20.00	ng	0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	819893	101.07	ng	0.01
7) Phenol-d6	6.44	99	995007	99.82	ng	0.00
23) Nitrobenzene-d5	7.36	82	612899	77.32	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	238100	97.77	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1131342	76.13	ng	0.00
78) Terphenyl-d14	12.92	244	862991	84.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	101218	26.777	ng	# 85
3) Pyridine	3.30	79	286138	26.923	ng	88
4) n-Nitrosodimethylamine	3.27	42	115525	31.096	ng	# 79
6) Aniline	6.46	93	258806	18.689	ng	# 73
8) 2-Chlorophenol	6.58	128	306674	35.816	ng	93
9) Benzaldehyde	6.34	77	174961	32.656	ng	97
10) Phenol	6.45	94	359154	33.959	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	283450	33.585	ng	94
12) 1,3-Dichlorobenzene	6.73	146	323080	33.306	ng	98
13) 1,4-Dichlorobenzene	6.80	146	323972	33.504	ng	98
14) 1,2-Dichlorobenzene	6.96	146	301265	33.620	ng	97
15) Benzyl Alcohol	6.94	79	237732	31.402	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	315782	27.861	ng	# 50
17) 2-Methylphenol	7.06	107	250682	33.680	ng	# 91
18) Hexachloroethane	7.30	117	108836	31.568	ng	98
19) n-Nitroso-di-n-propylamine	7.21	70	191941	29.468	ng	91
20) 3+4-Methylphenols	7.21	107	310338	33.619	ng	# 81
22) Acetophenone	7.20	105	403647	31.675	ng	98
24) Nitrobenzene	7.38	77	304426	34.784	ng	94
25) Isophorone	7.62	82	559100	33.354	ng	99
26) 2-Nitrophenol	7.69	139	163366	45.852	ng	97
27) 2,4-Dimethylphenol	7.73	122	265211	35.850	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	359949	35.121	ng	98
29) 2,4-Dichlorophenol	7.94	162	255128	36.144	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	263508	34.016	ng	99
31) Naphthalene	8.10	128	865236	33.570	ng	99
32) Benzoic acid	7.87	122	119247	20.202	ng	94
33) 4-Chloroaniline	8.15	127	140051	12.683	ng	96
34) Hexachlorobutadiene	8.20	225	144337	34.017	ng	98
35) Caprolactam	8.53	113	81064	32.921	ng	# 71
36) 4-Chloro-3-methylphenol	8.65	107	275133	36.351	ng	99
37) 2-Methylnaphthalene	8.79	142	572865	34.361	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	250471	37.271	ng	98
40) Hexachlorocyclopentadiene	8.93	237	47391	12.596	ng	100

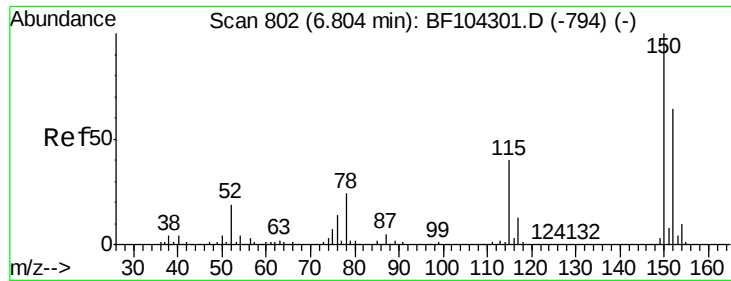
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104999.D
 Acq On : 1 May 2018 22:06
 Operator : JU/SJ
 Sample : PB108756BS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	170465	36.540	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	182325	34.925	ng	94
45) 1,1'-Biphenyl	9.26	154	691648	35.070	ng	98
46) 2-Chloronaphthalene	9.28	162	538456	34.566	ng	100
47) 2-Nitroaniline	9.39	65	155341	40.323	ng	93
48) Acenaphthylene	9.70	152	775432	31.727	ng	99
49) Dimethylphthalate	9.56	163	650568	35.141	ng	99
50) 2,6-Dinitrotoluene	9.63	165	139487	40.719	ng	92
51) Acenaphthene	9.87	154	459888	30.839	ng	100
52) 3-Nitroaniline	9.80	138	99876	24.904	ng	95
53) 2,4-Dinitrophenol	9.92	184	24262	27.182	ng	# 18
54) Dibenzofuran	10.04	168	681390	32.788	ng	96
55) 4-Nitrophenol	9.97	139	170252	54.043	ng	96
56) 2,4-Dinitrotoluene	10.03	165	168402	37.477	ng	95
57) Fluorene	10.39	166	544893	36.022	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	130119	33.409	ng	92
59) Diethylphthalate	10.26	149	614050	33.304	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	259305	38.492	ng	95
61) 4-Nitroaniline	10.42	138	132005	33.664	ng	94
62) Azobenzene	10.53	77	536032	30.430	ng	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	23115	17.687	ng	85
65) n-Nitrosodiphenylamine	10.50	169	488434	36.237	ng	100
66) 4-Bromophenyl-phenylether	10.86	248	155375	37.575	ng	98
67) Hexachlorobenzene	10.93	284	166469	35.778	ng	92
68) Atrazine	11.03	200	156353	38.430	ng	98
69) Pentachlorophenol	11.13	266	117777	40.917	ng	98
70) Phenanthrene	11.35	178	713294	32.948	ng	99
71) Anthracene	11.40	178	733025	33.309	ng	98
72) Carbazole	11.56	167	661770	30.774	ng	100
73) Di-n-butylphthalate	11.88	149	894113	34.037	ng	99
74) Fluoranthene	12.54	202	624542	27.611	ng	98
76) Benzidine	12.67	184	268007	32.193	ng	98
77) Pyrene	12.77	202	599437	34.901	ng	100
79) Butylbenzylphthalate	13.40	149	306447	37.872	ng	93
80) Benzo(a)anthracene	14.01	228	511826	36.974	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	177984	34.484	ng	97
82) Chrysene	14.05	228	485130	34.119	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	419467	40.303	ng	99
84) Di-n-octyl phthalate	14.66	149	660164	37.961	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.06	276	393723	32.597	ng	96
87) Benzo(b)fluoranthene	15.14	252	473515	34.754	ng	98
88) Benzo(k)fluoranthene	15.17	252	474638	36.900	ng	99
89) Benzo(a)pyrene	15.51	252	439930	36.088	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	342413	34.200	ng	97
91) Benzo(g,h,i)perylene	17.50	276	309484	31.905	ng	97

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

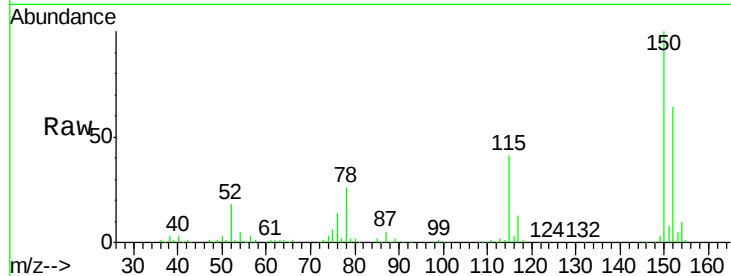


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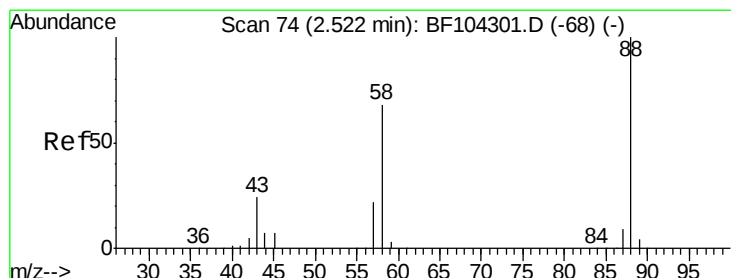
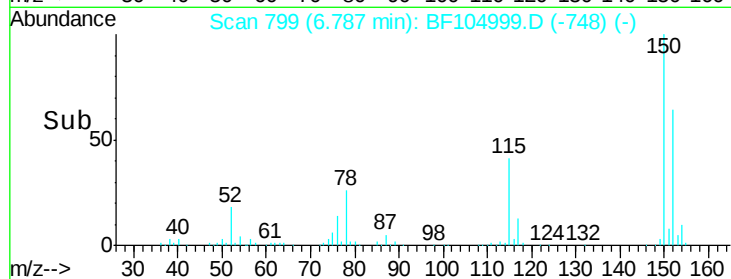
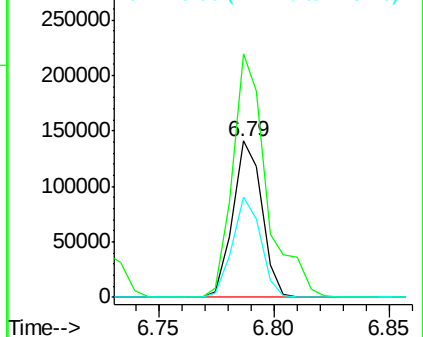
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Instrument :
BNA_F
ClientSampleId :
PB108756BS

Tgt Ion:152 Resp: 124045
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 64.0 50.1 75.1



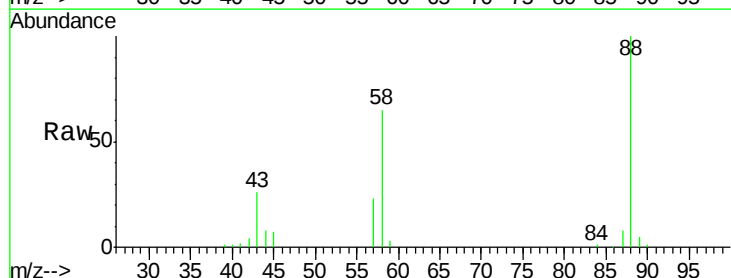
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



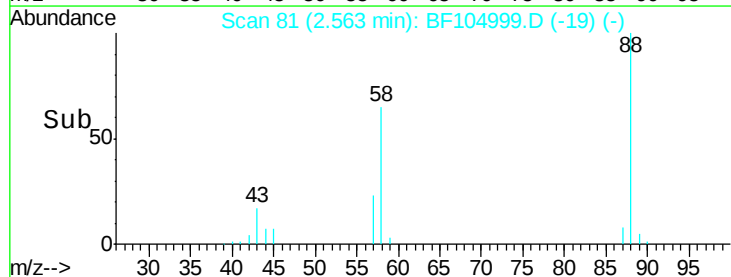
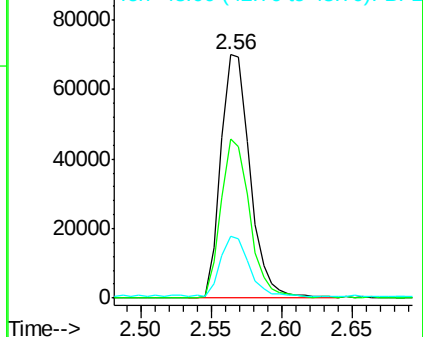
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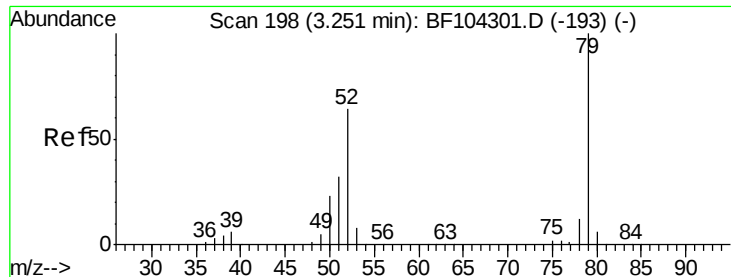
1,4-Dioxane
Concen: 26.777 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.06 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion: 88 Resp: 101218
Ion Ratio Lower Upper
88 100
58 64.5 62.6 93.8
43 24.2 24.6 37.0#



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





#3

Pyridine

Concen: 26.923 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.07 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

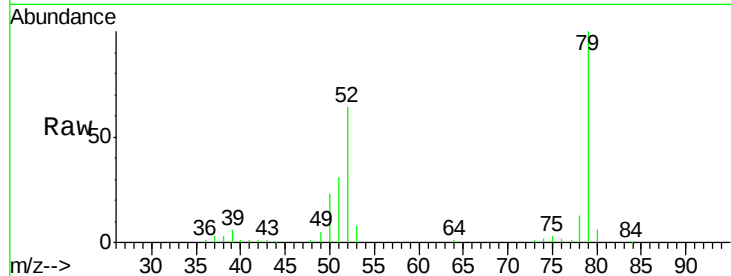
Tgt Ion: 79 Resp: 286138

Ion Ratio Lower Upper

79 100

52 64.2 59.8 89.6

51 31.0 29.8 44.8



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

120000

100000

80000

60000

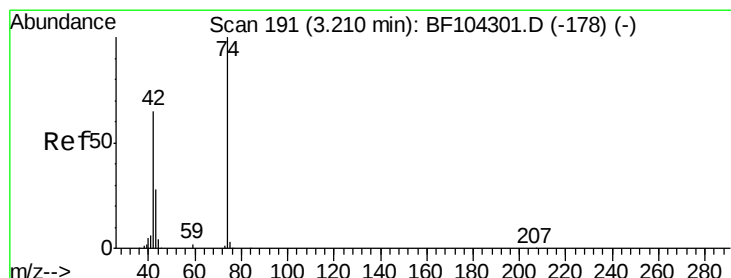
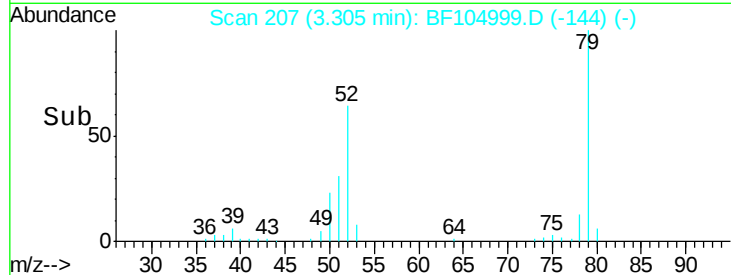
40000

20000

0

3.20 3.30 3.40 3.50

Time-->



#4

n-Nitrosodimethylamine

Concen: 31.096 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.06 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

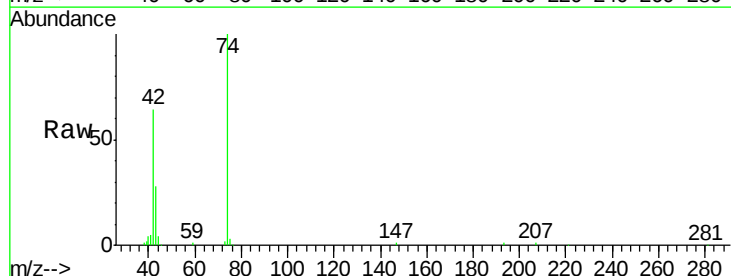
Tgt Ion: 42 Resp: 115525

Ion Ratio Lower Upper

42 100

74 156.8 104.9 157.3

44 6.7 6.9 10.3#



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

120000

100000

80000

60000

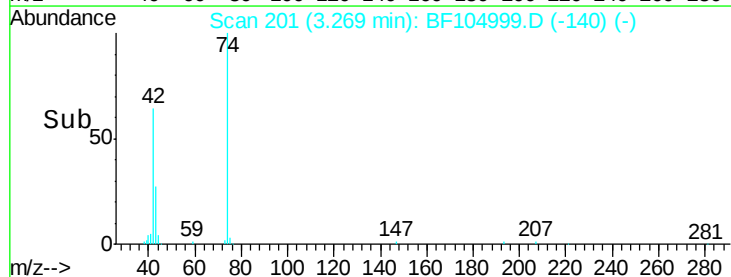
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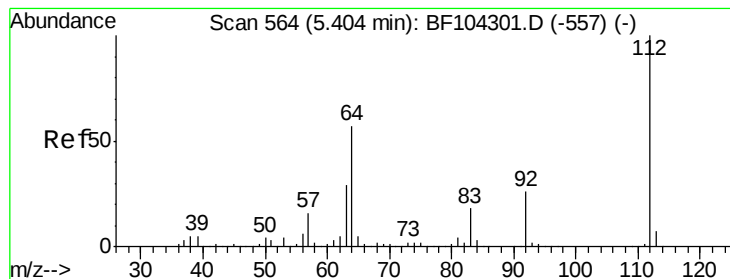
20000

0

3.20 3.30 3.40

Time-->





#5

2-Fluorophenol

Concen: 101.065 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

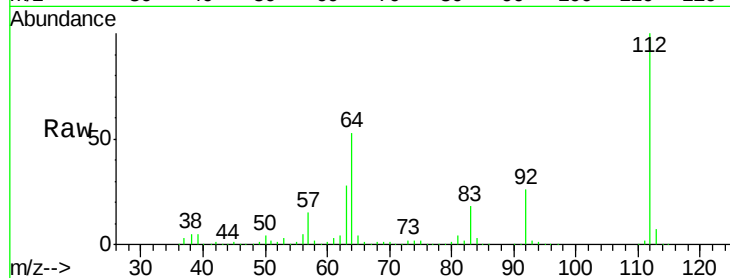
Tgt Ion: 112 Resp: 819893

Ion Ratio Lower Upper

112 100

64 53.5 47.9 71.9

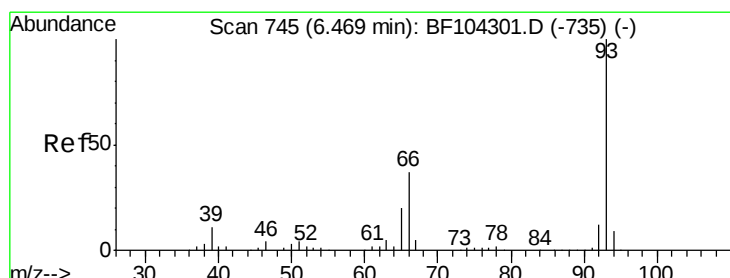
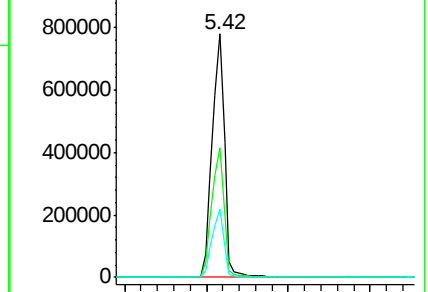
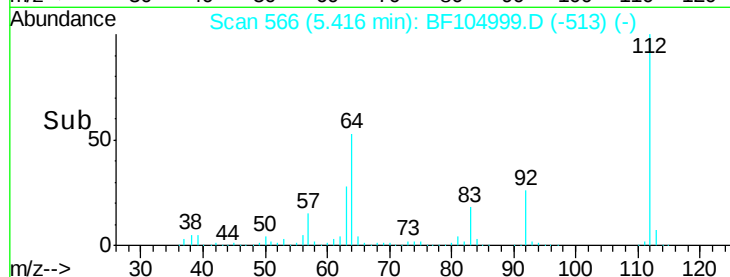
63 27.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.689 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

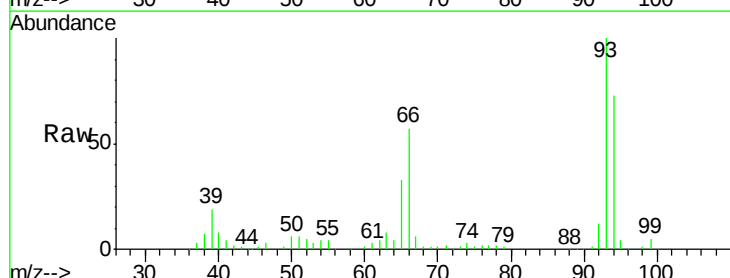
Tgt Ion: 93 Resp: 258806

Ion Ratio Lower Upper

93 100

66 57.2 32.2 48.2#

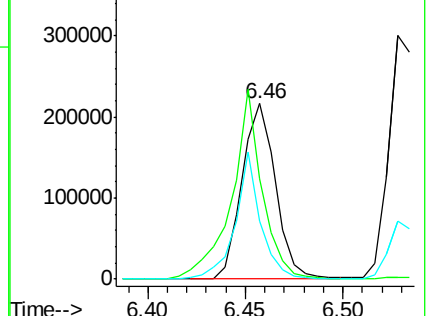
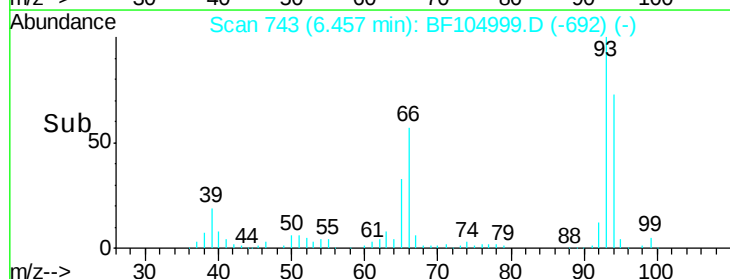
65 32.8 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.824 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

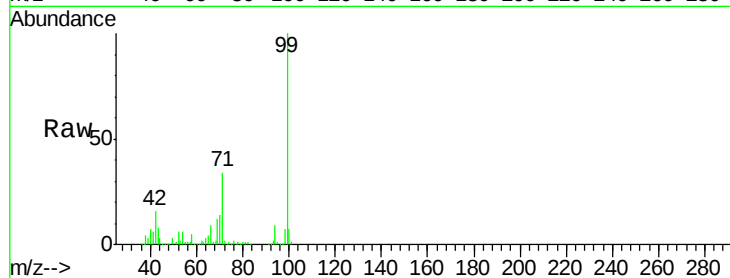
Tgt Ion: 99 Resp: 995007

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

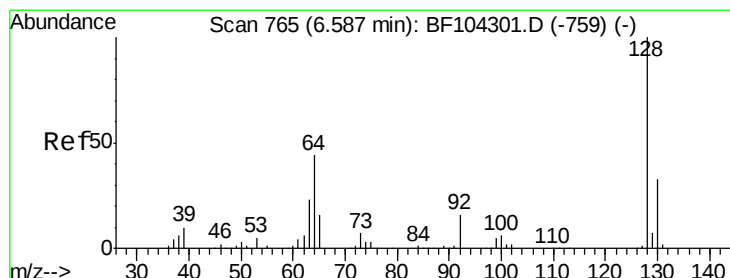
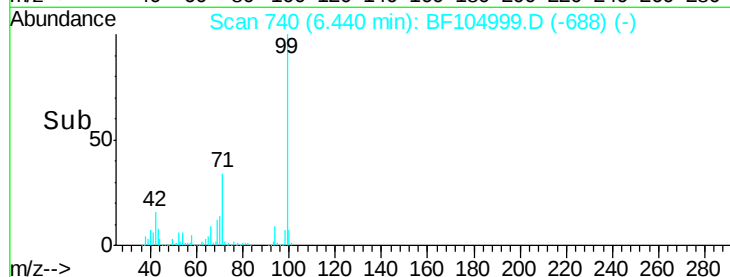
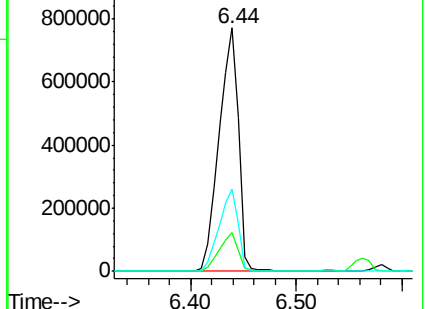
71 33.7 25.4 38.0



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: 35.816 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

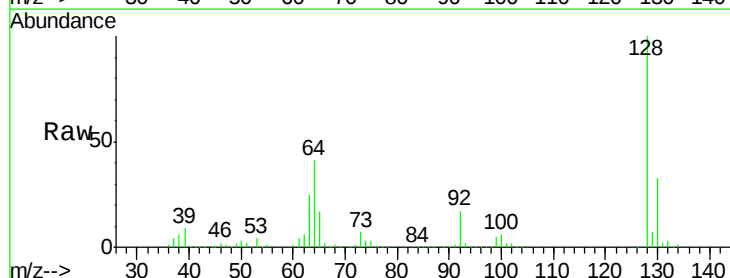
Tgt Ion: 128 Resp: 306674

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

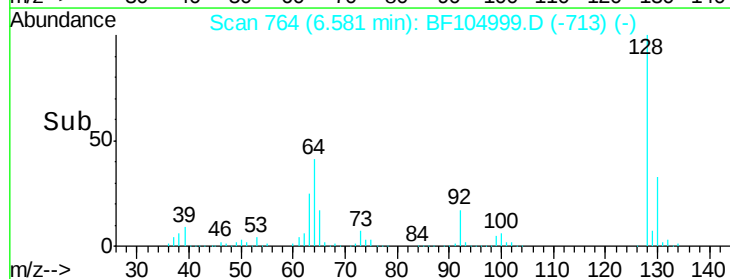
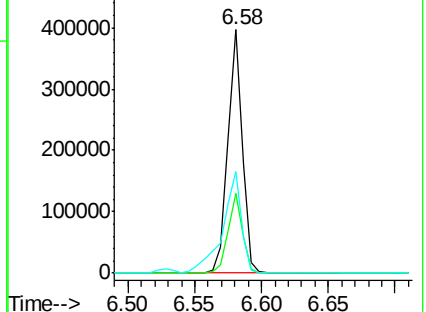
64 41.5 29.4 69.4



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: 32.656 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

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PB108756BS

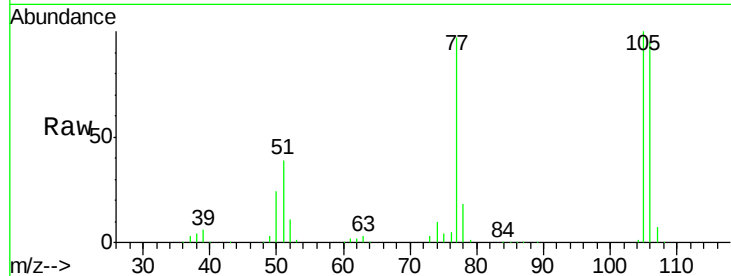
Tgt Ion: 77 Resp: 174961

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

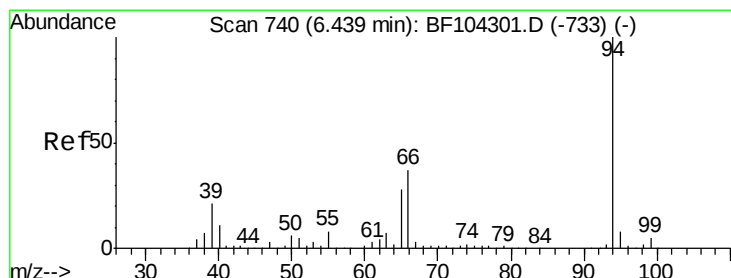
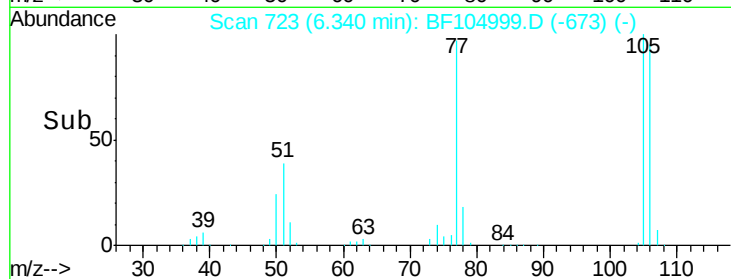
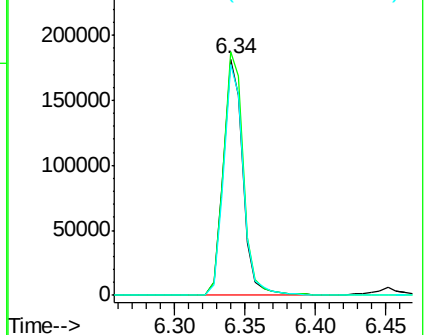
106 97.8 74.5 114.5



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: 33.959 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

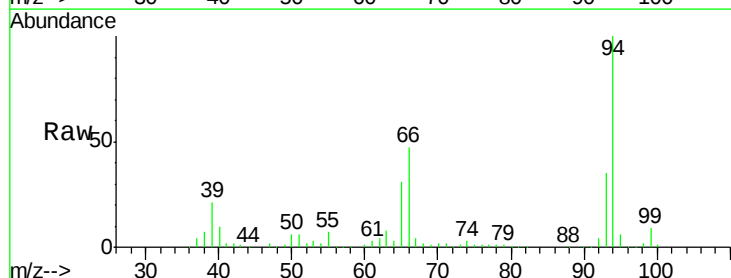
Tgt Ion: 94 Resp: 359154

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

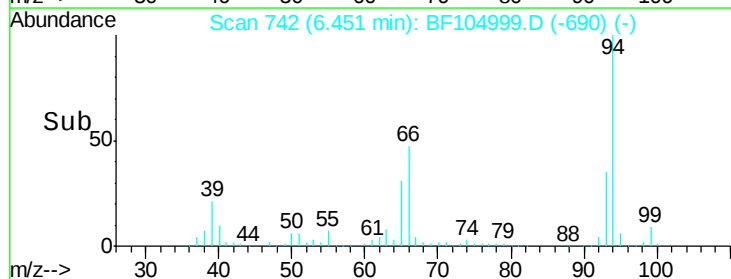
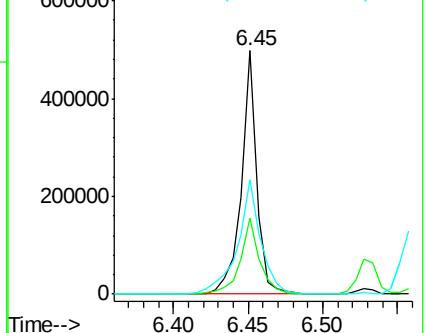
66 47.0 16.2 56.2

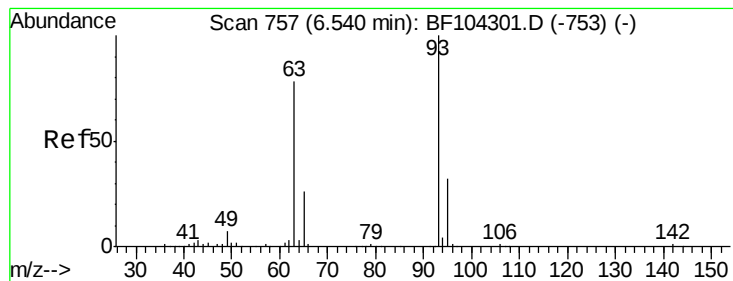


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.585 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

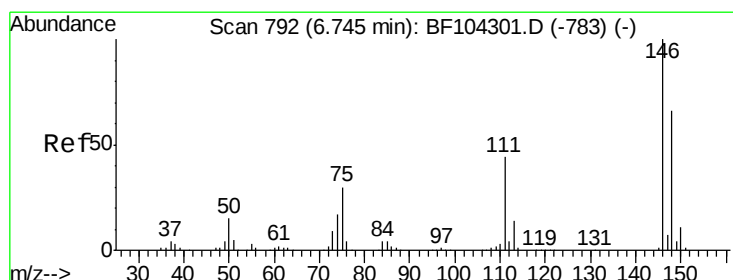
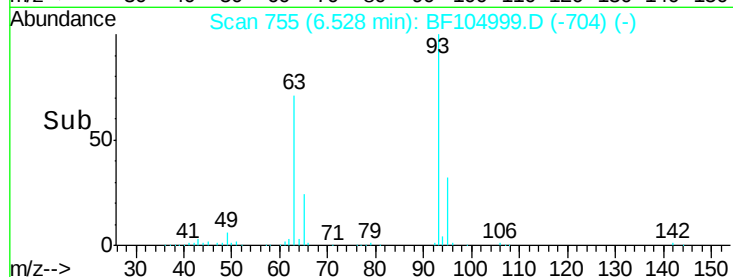
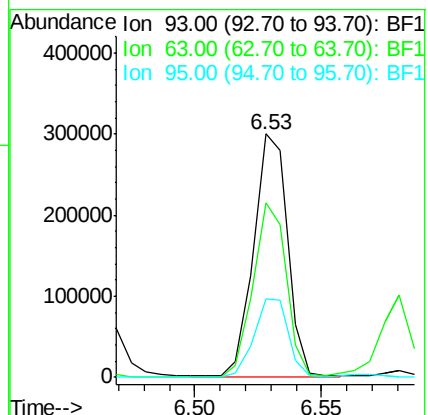
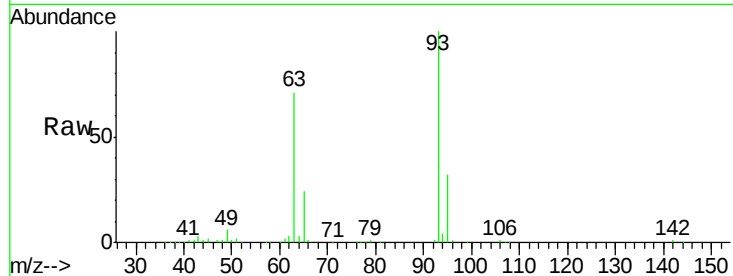
Tgt Ion: 93 Resp: 283450

Ion Ratio Lower Upper

93 100

63 71.4 58.6 98.6

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 33.306 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

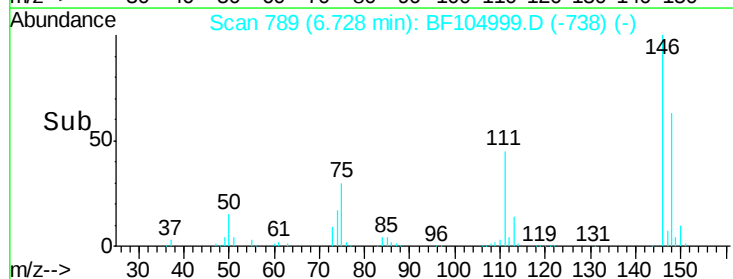
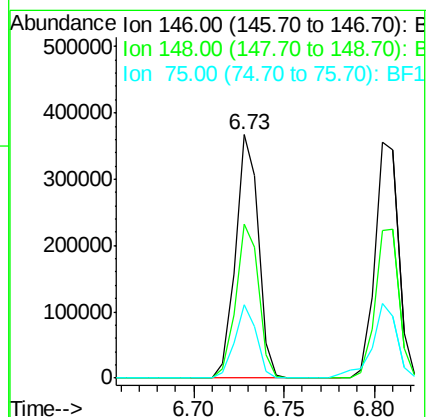
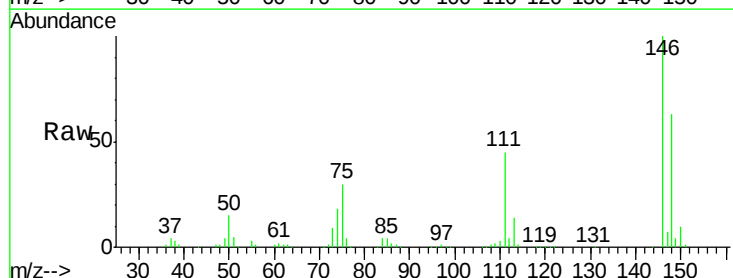
Tgt Ion: 146 Resp: 323080

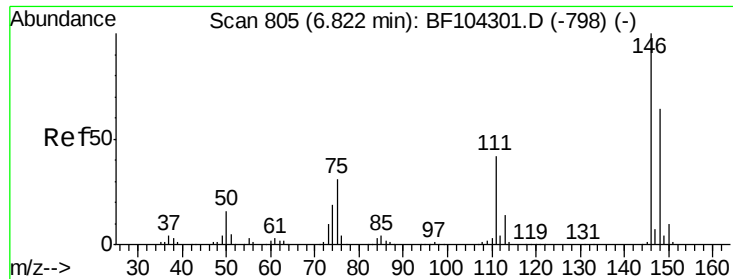
Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

75 29.9 24.2 36.4

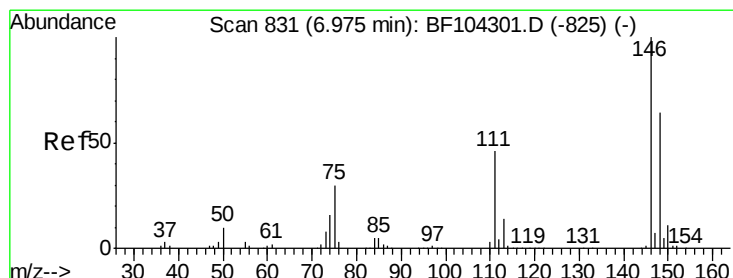
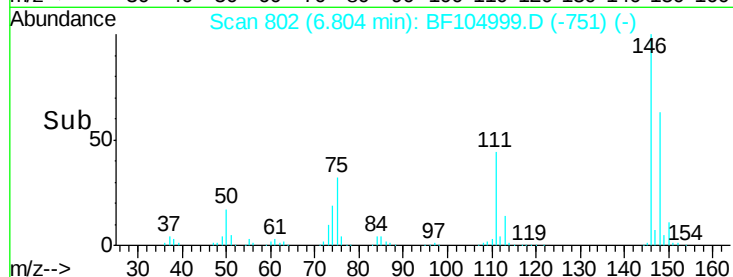
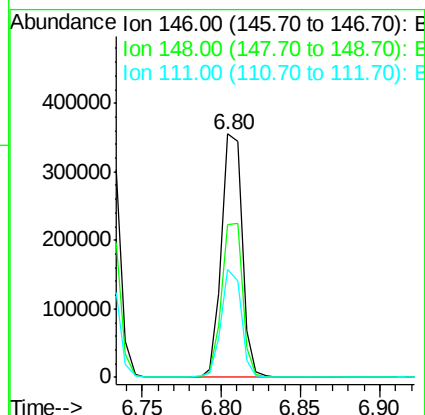
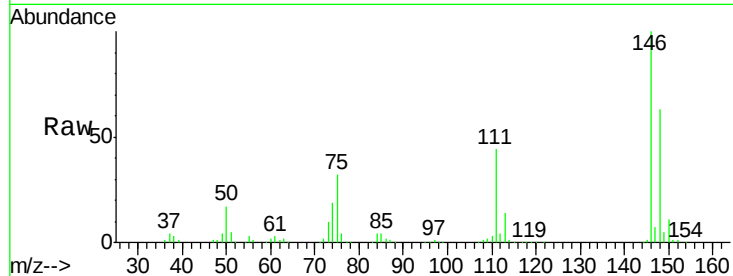




#13
 1,4-Dichlorobenzene
 Concen: 33.504 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

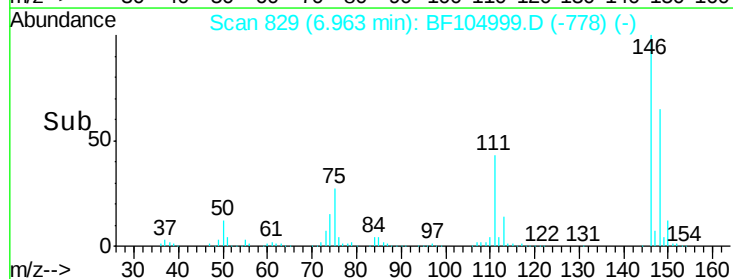
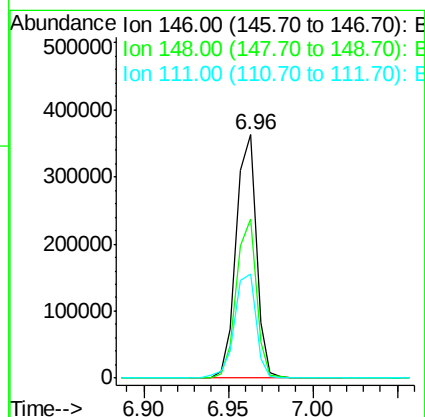
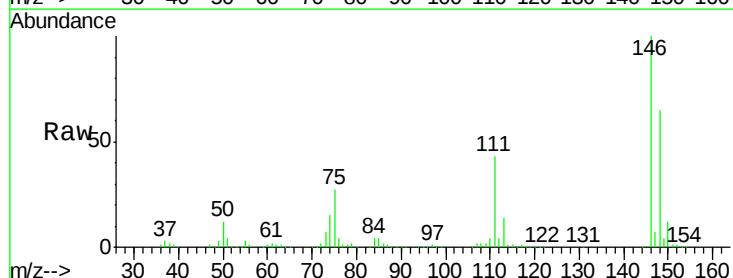
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

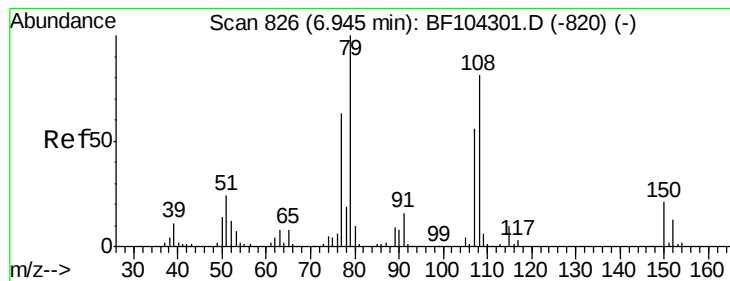
Tgt Ion:146 Resp: 323972
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 44.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 33.620 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion:146 Resp: 301265
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 75.8
 111 42.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 31.402 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

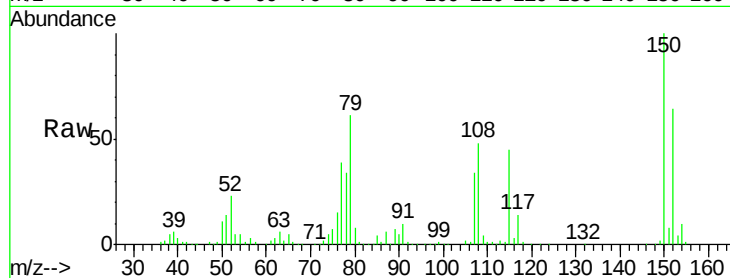
Tgt Ion: 79 Resp: 237732

Ion Ratio Lower Upper

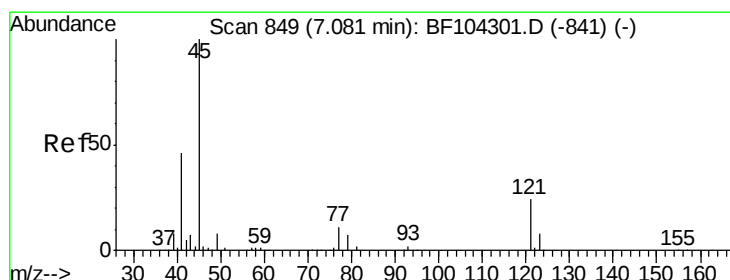
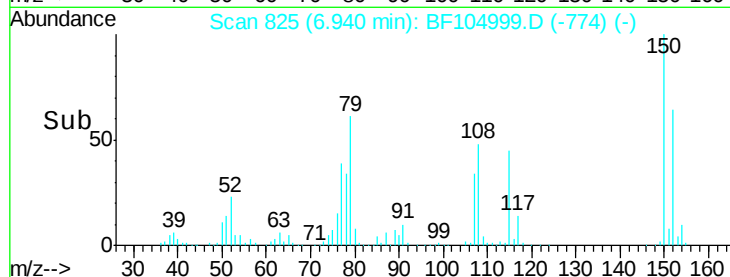
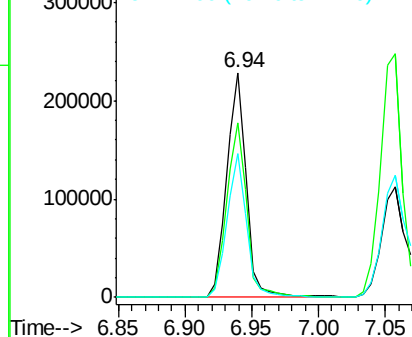
79 100

108 77.6 65.1 97.7

77 63.8 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.861 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

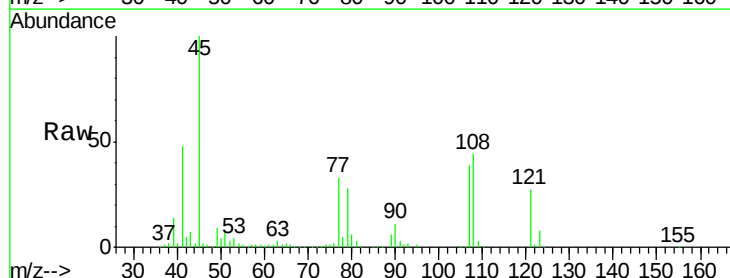
Tgt Ion: 45 Resp: 315782

Ion Ratio Lower Upper

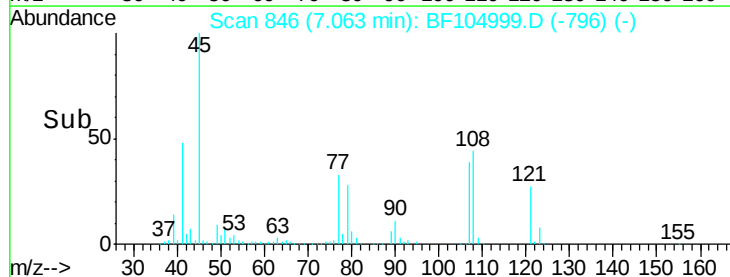
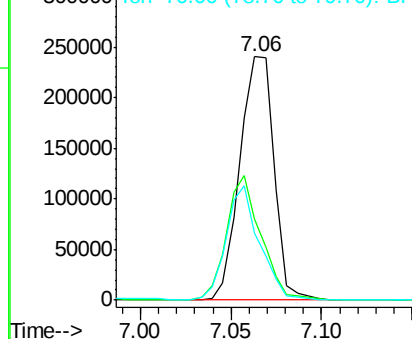
45 100

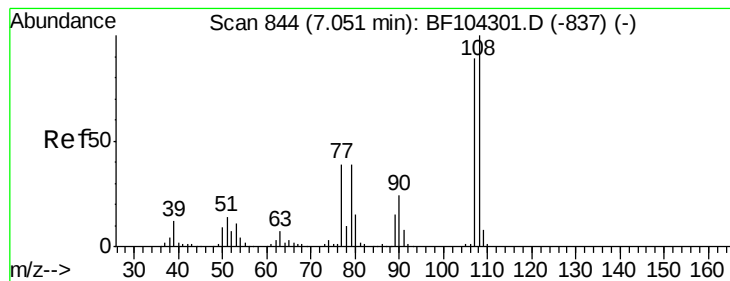
77 33.1 0.0 32.9#

79 27.8 0.0 29.6



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





#17

2-Methylphenol

Concen: 33.680 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

Tgt Ion:107 Resp: 250682

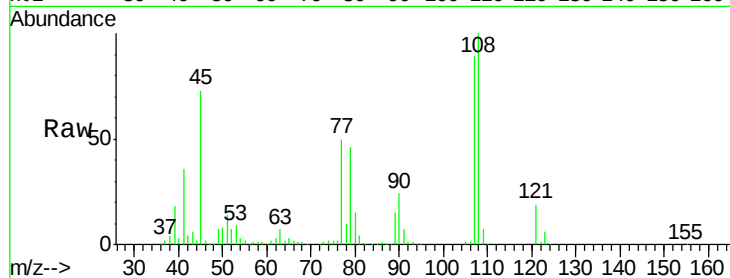
Ion Ratio Lower Upper

107 100

108 112.0 91.7 137.5

77 55.9 33.8 50.8#

79 51.1 33.8 50.8#

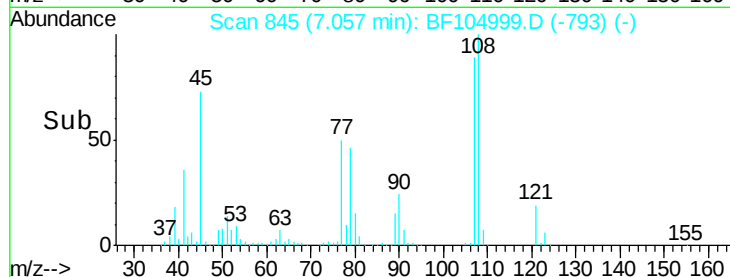


Abundance Ion 107.00 (106.70 to 107.70): E

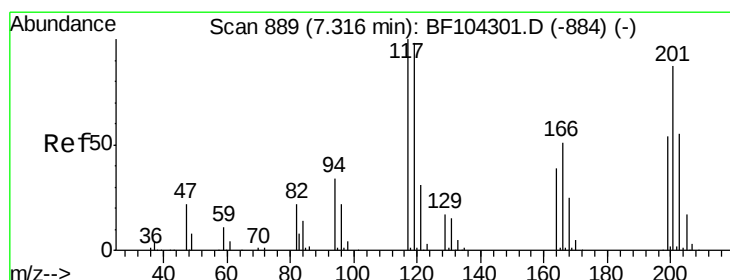
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 31.568 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

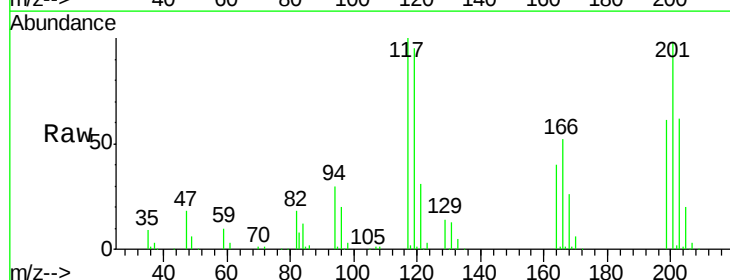
Tgt Ion:117 Resp: 108836

Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

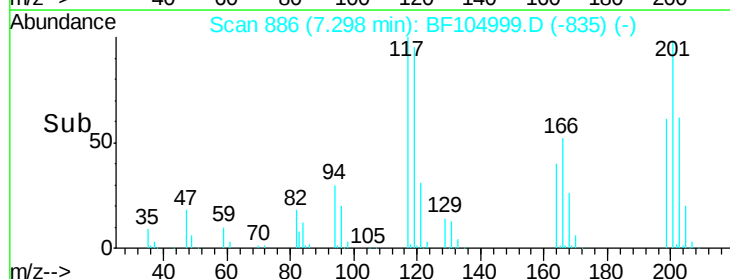
201 98.0 75.7 113.5



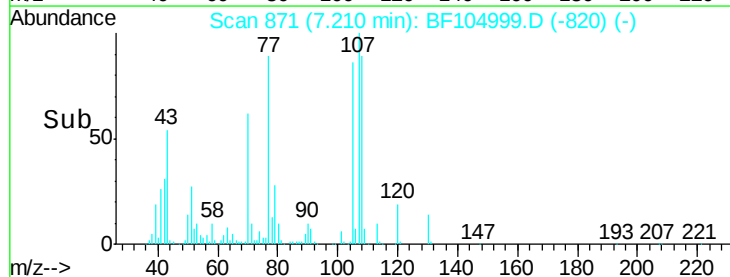
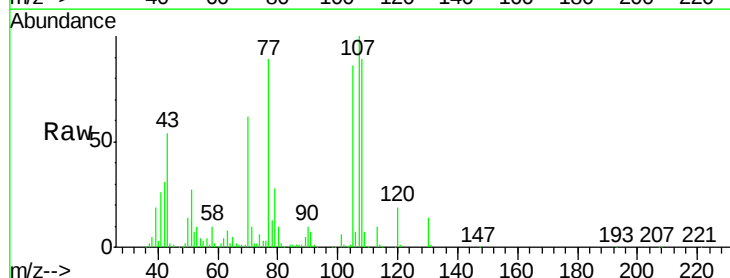
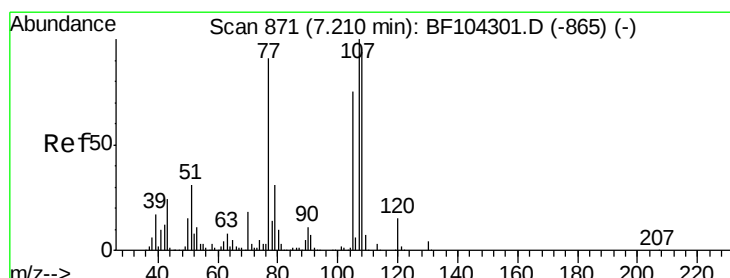
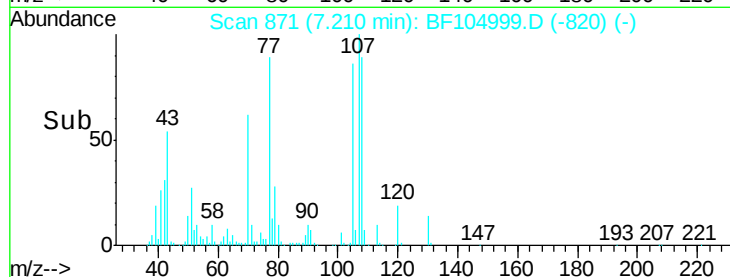
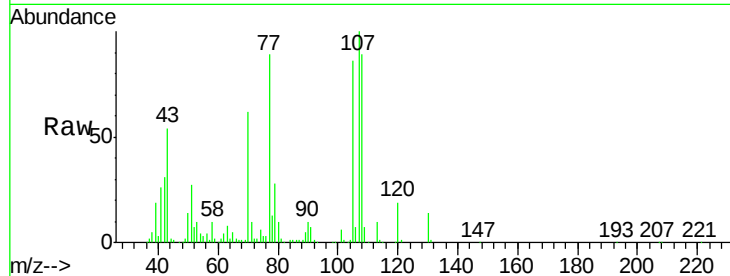
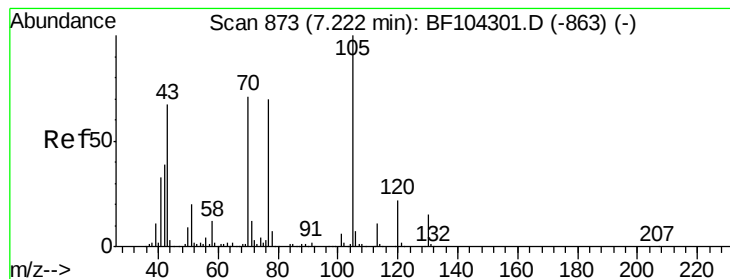
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 29.468 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

Tgt Ion: 70 Resp: 191941

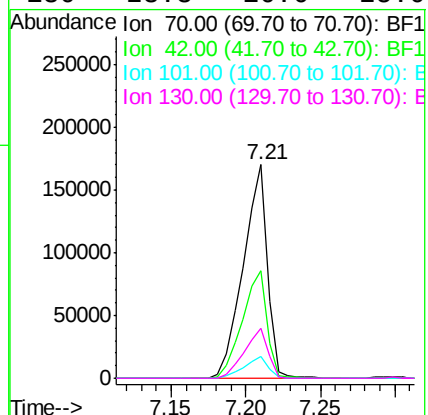
Ion Ratio Lower Upper

70 100

42 50.3 47.5 71.3

101 10.0 7.4 11.2

130 23.3 16.6 25.0



#20

3+4-Methylphenols

Concen: 33.619 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Tgt Ion: 107 Resp: 310338

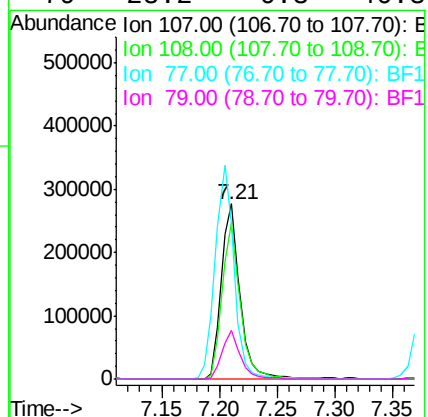
Ion Ratio Lower Upper

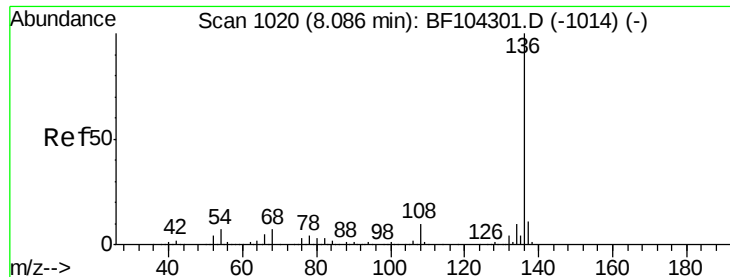
107 100

108 89.1 68.2 108.2

77 88.7 26.7 66.7#

79 28.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

Tgt Ion:136 Resp: 517611

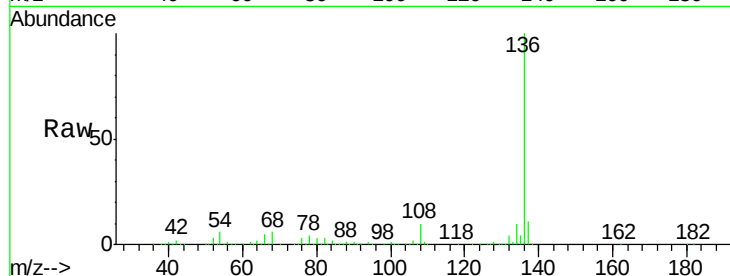
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.5 6.6 9.8#

68 5.6 5.0 7.4

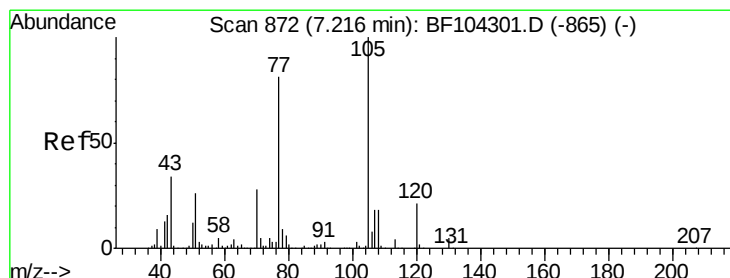
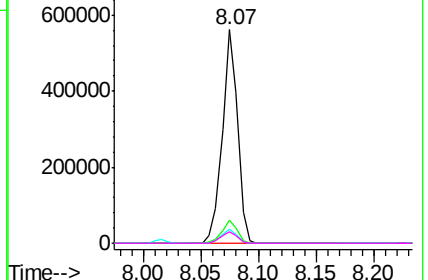
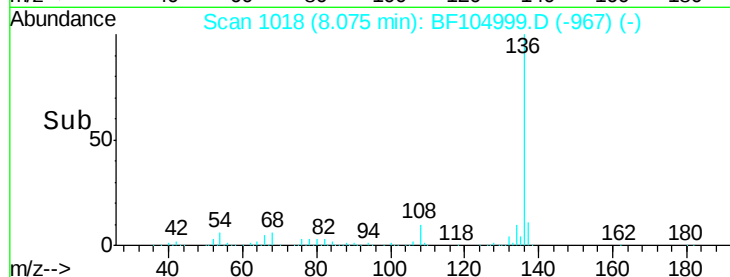


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.675 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Tgt Ion:105 Resp: 403647

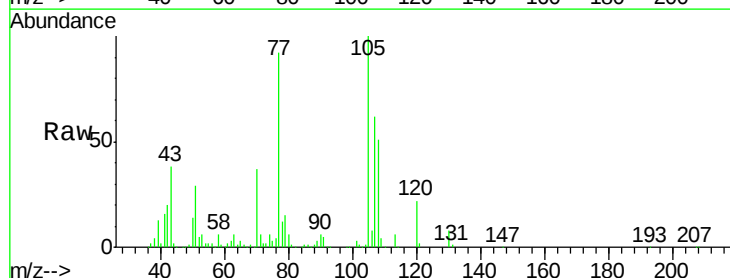
Ion Ratio Lower Upper

105 100

71 6.3 4.4 6.6

51 29.3 22.3 33.5

120 21.8 16.9 25.3

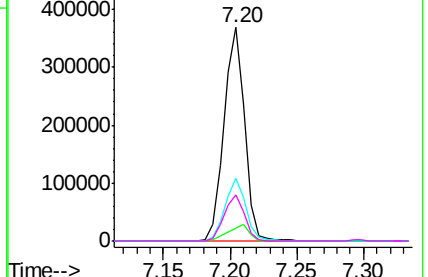
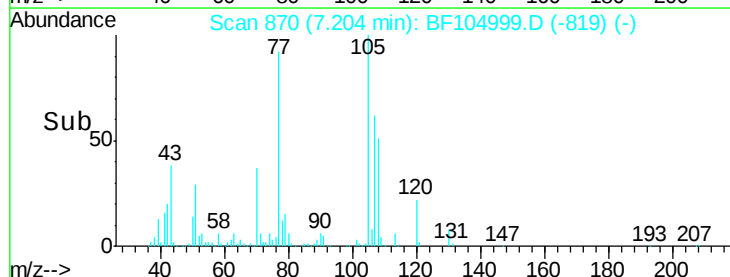


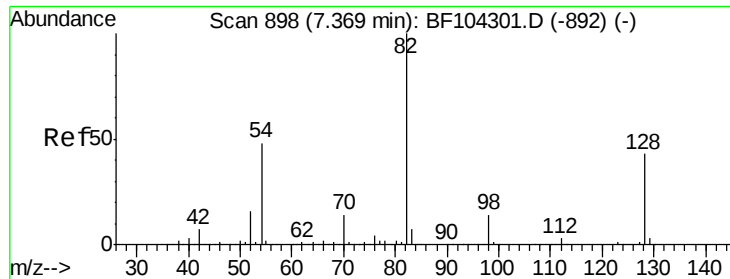
Abundance Ion 105.00 (104.70 to 105.70): E

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

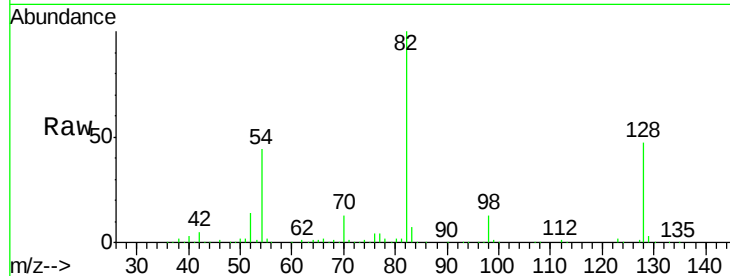




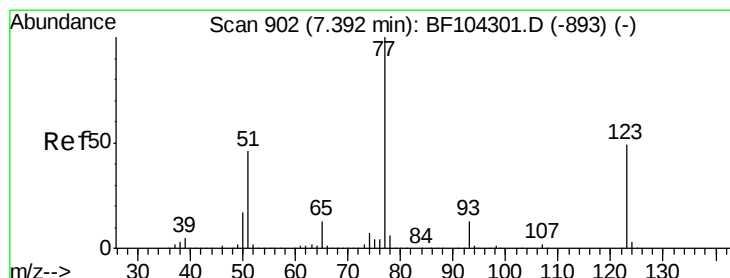
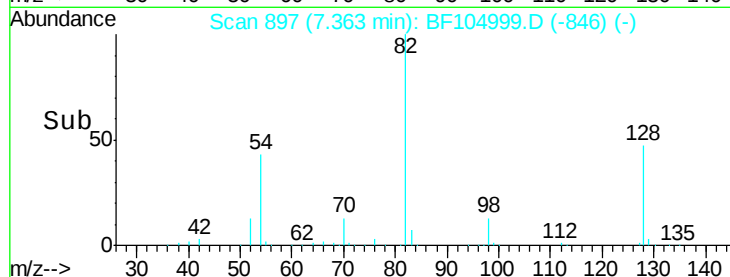
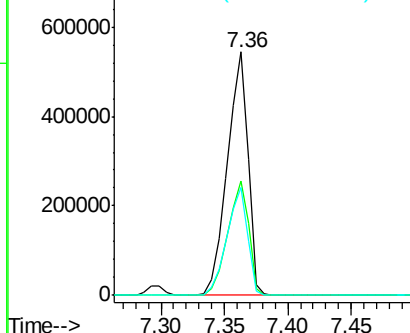
#23
 Nitrobenzene-d5
 Concen: 77.319 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

Tgt Ion: 82 Resp: 612899
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 44.1 41.4 62.2

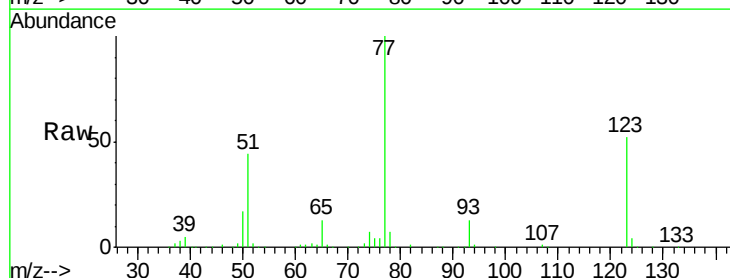


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

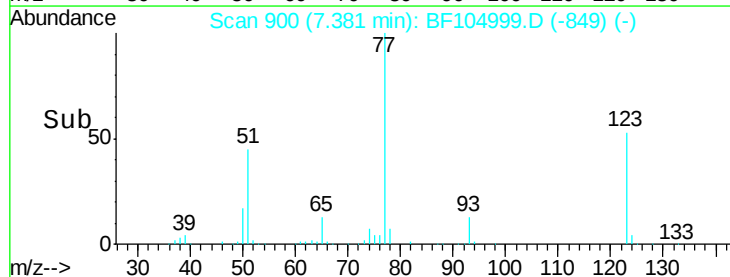
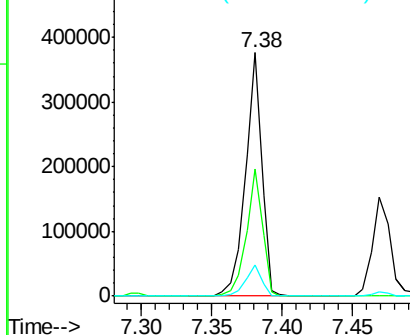


#24
 Nitrobenzene
 Concen: 34.784 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion: 77 Resp: 304426
 Ion Ratio Lower Upper
 77 100
 123 52.3 37.9 56.9
 65 12.9 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: 33.354 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

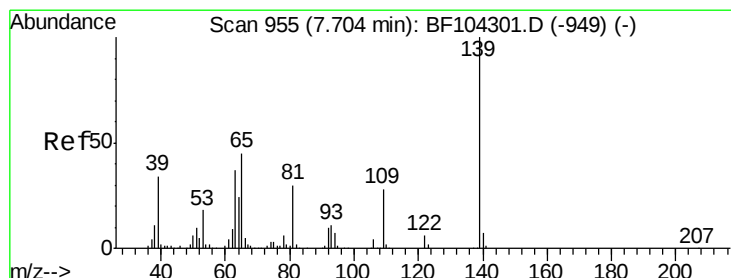
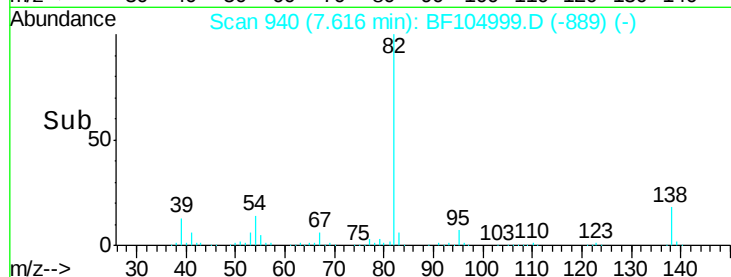
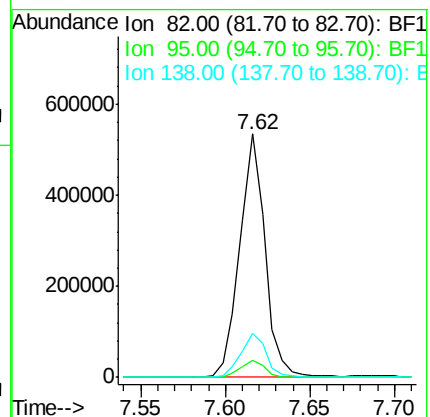
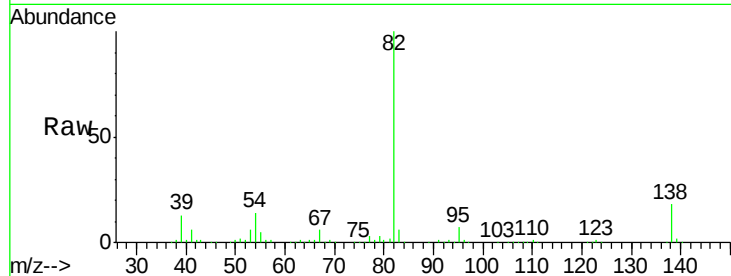
Tgt Ion: 82 Resp: 559100

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 45.852 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

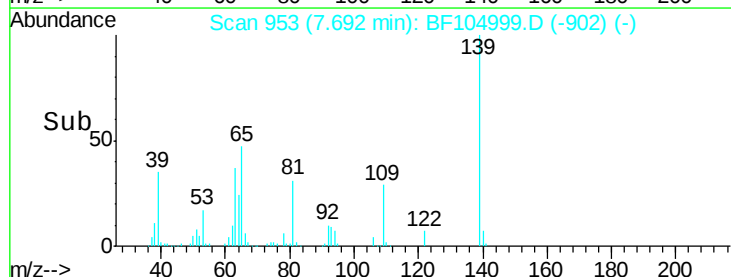
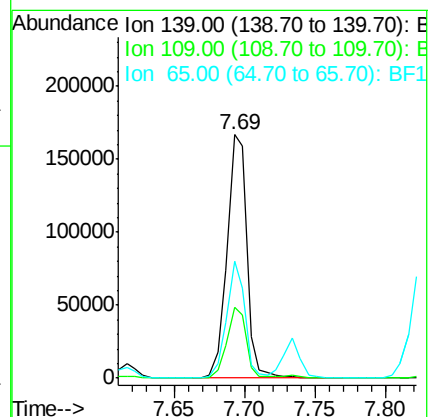
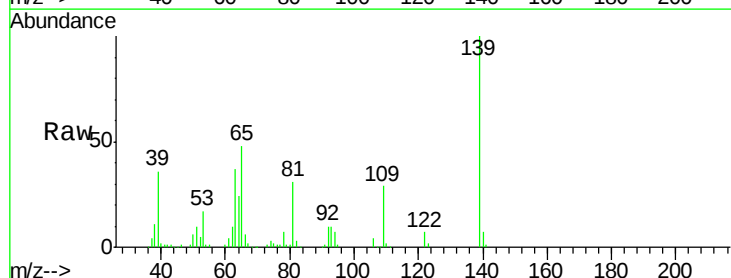
Tgt Ion: 139 Resp: 163366

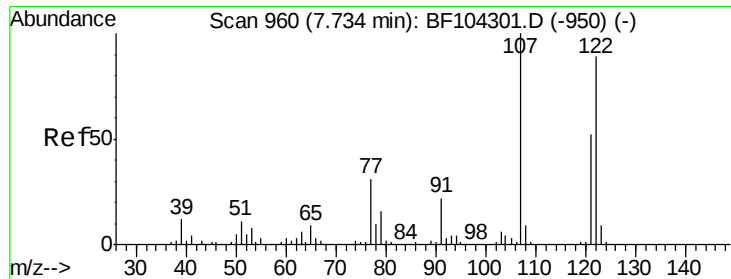
Ion Ratio Lower Upper

139 100

109 29.2 22.7 34.1

65 48.1 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 35.850 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

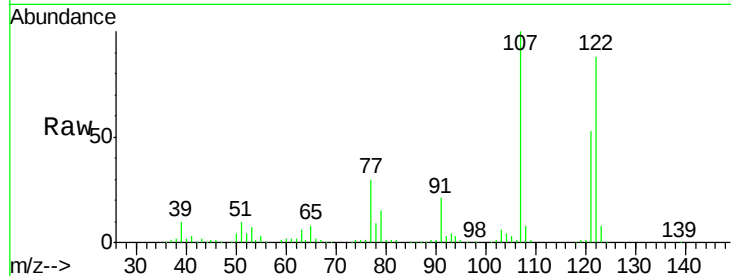
Tgt Ion:122 Resp: 265211

Ion Ratio Lower Upper

122 100

107 114.0 91.2 136.8

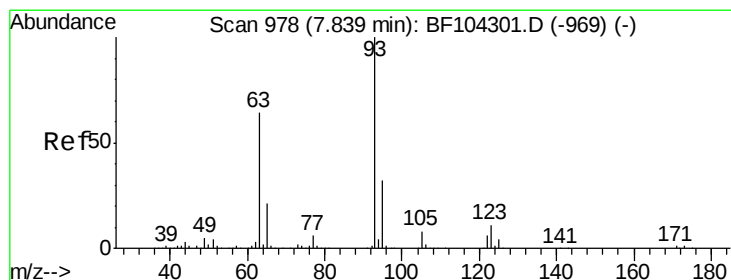
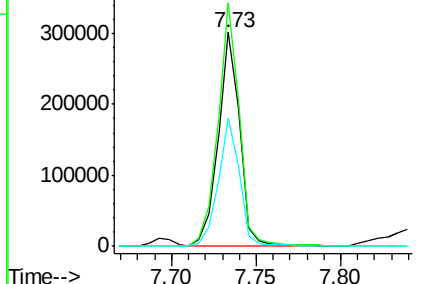
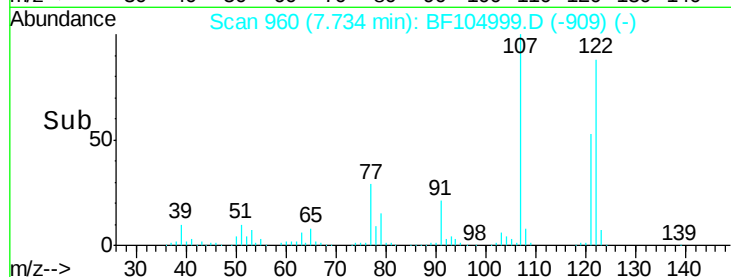
121 60.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.121 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

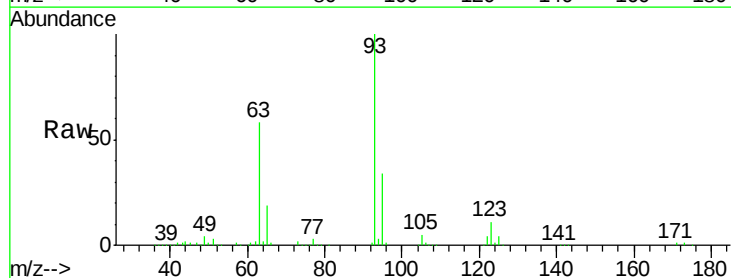
Tgt Ion: 93 Resp: 359949

Ion Ratio Lower Upper

93 100

95 33.7 26.3 39.5

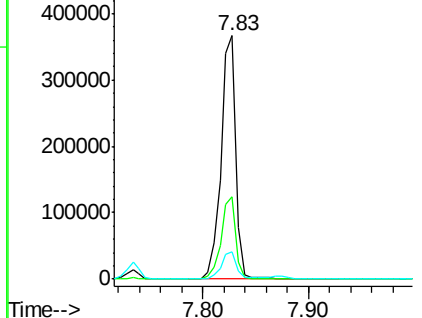
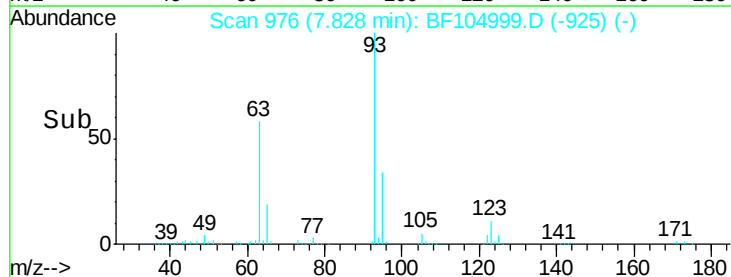
123 11.4 9.8 14.6

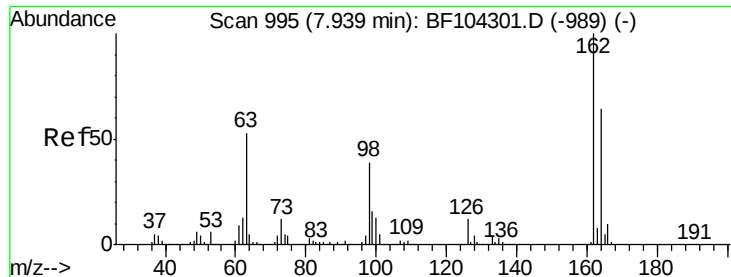


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

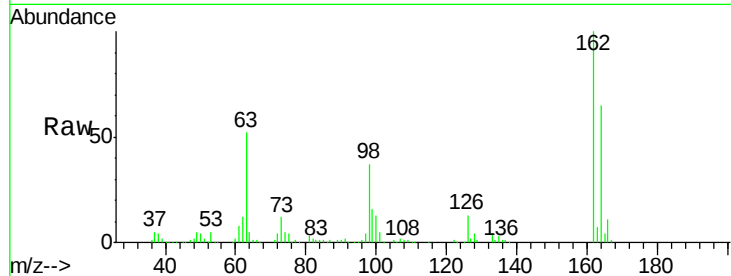




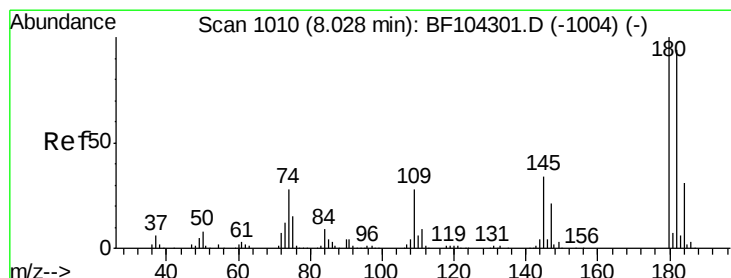
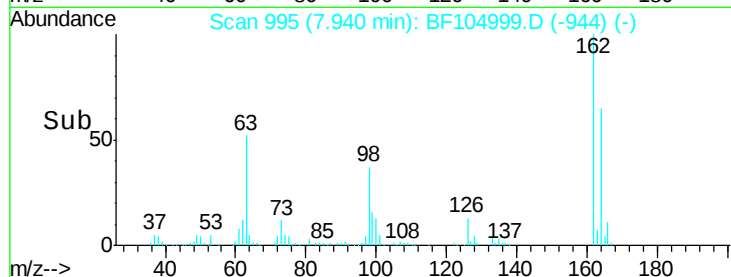
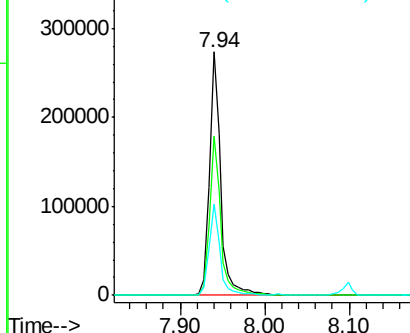
#29
2,4-Dichlorophenol
Concen: 36.144 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Instrument :
BNA_F
ClientSampleId :
PB108756BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.7	82.7
98	37.4	18.1	58.1

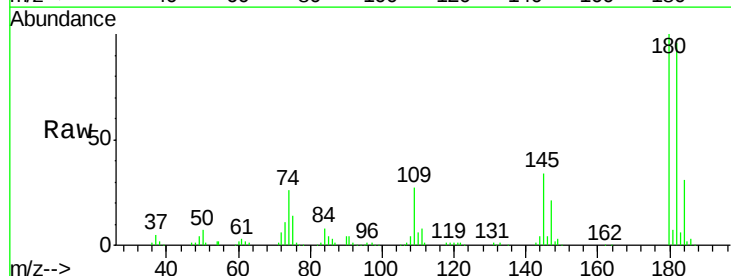


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

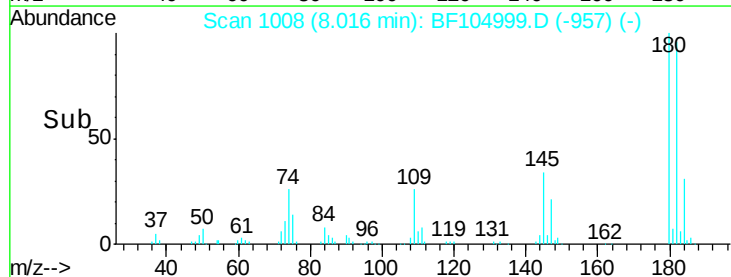
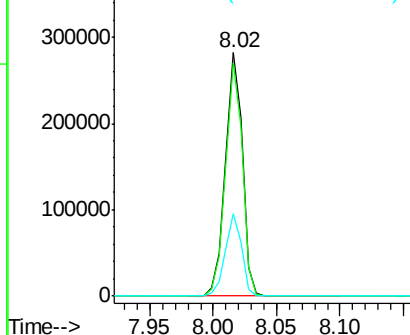


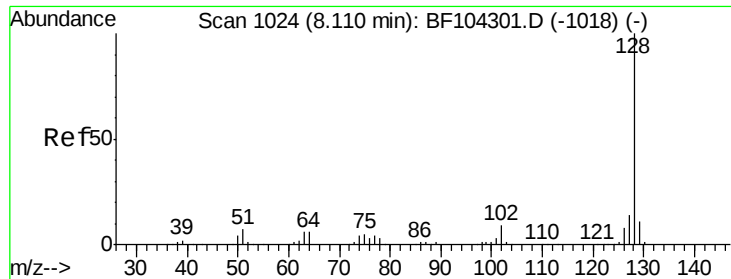
#30
1,2,4-Trichlorobenzene
Concen: 34.016 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	33.6	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

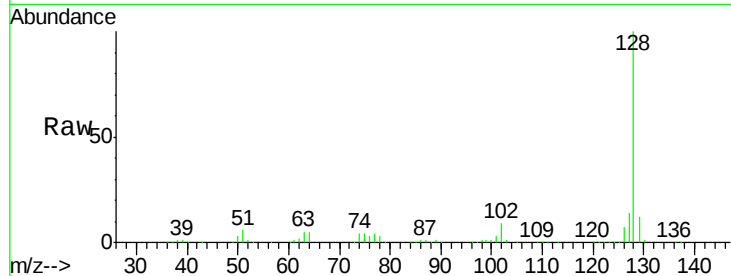




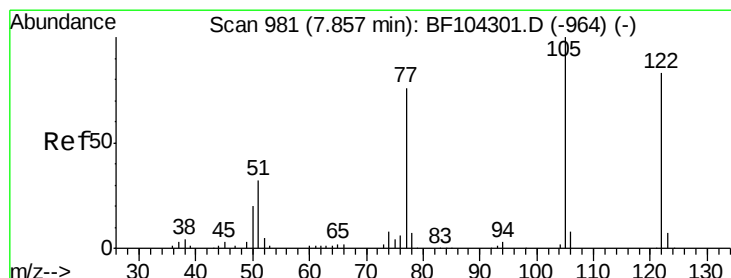
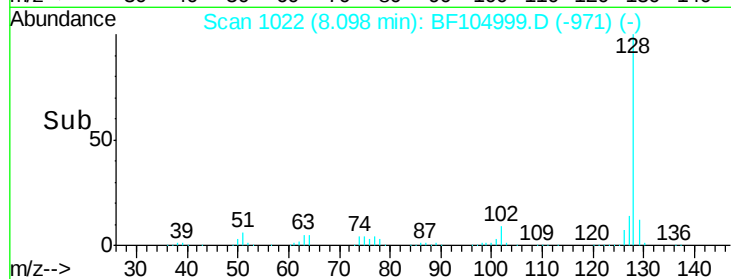
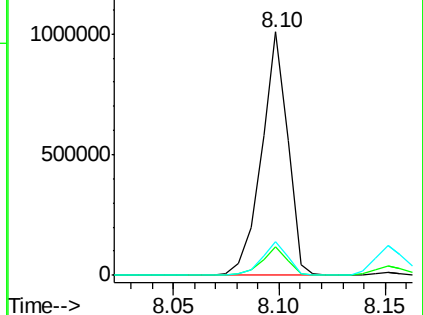
#31
Naphthalene
Concen: 33.570 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Instrument :
BNA_F
ClientSampleId :
PB108756BS

Tgt Ion:128 Resp: 865236
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.7 10.9 16.3

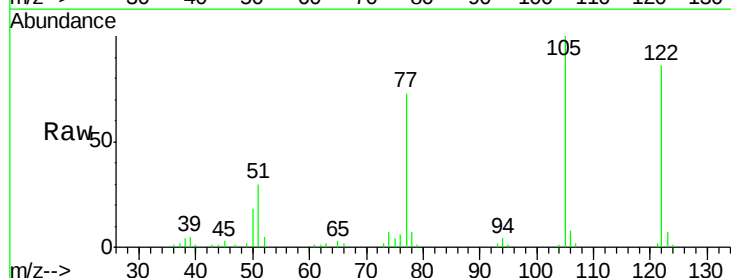


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

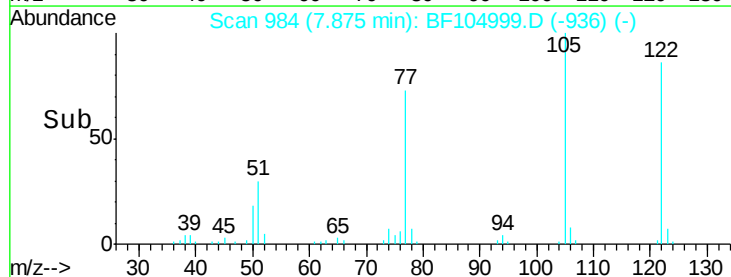
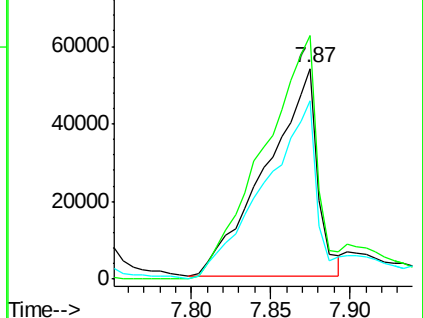


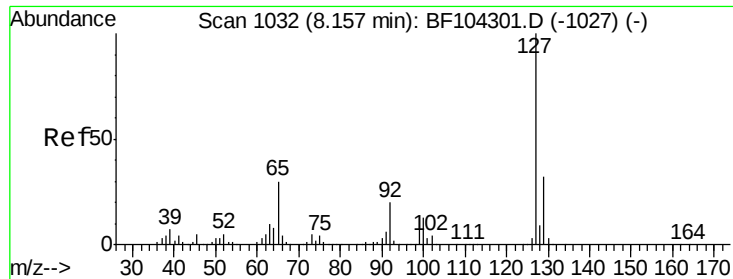
#32
Benzoic acid
Concen: 20.202 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion:122 Resp: 119247
Ion Ratio Lower Upper
122 100
105 115.7 101.1 141.1
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

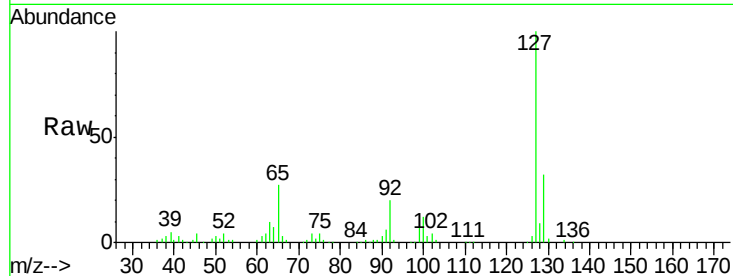




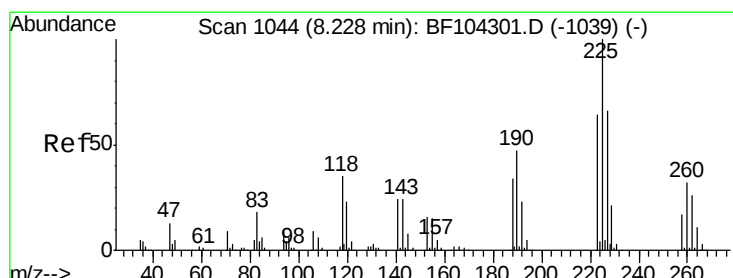
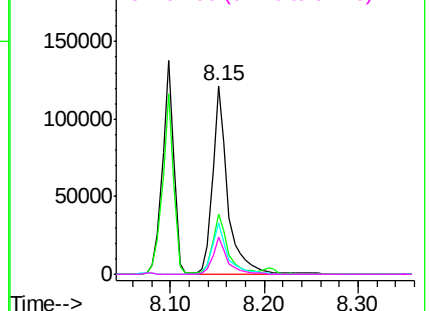
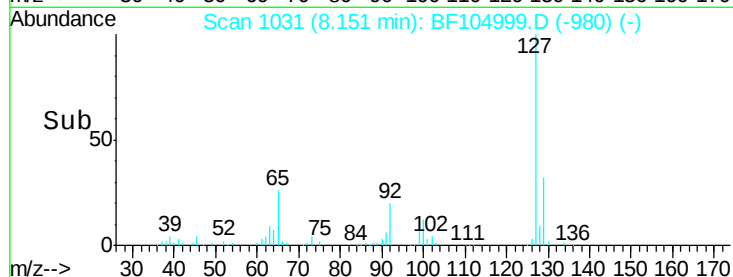
#33
4-Chloroaniline
Concen: 12.683 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Instrument :
BNA_F
ClientSampleId :
PB108756BS

Tgt Ion:	127	Resp:	140051
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	27.1	25.0	37.4
92	19.6	15.2	22.8

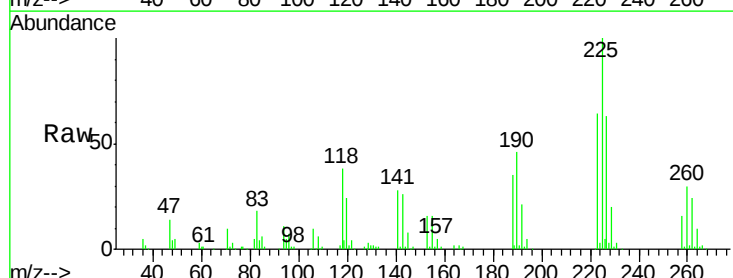


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

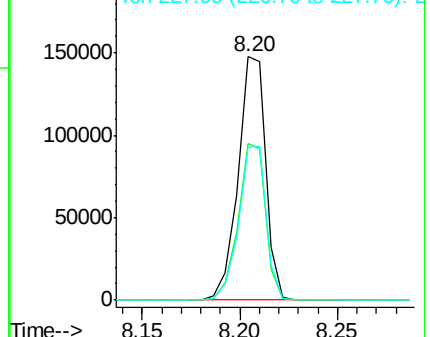
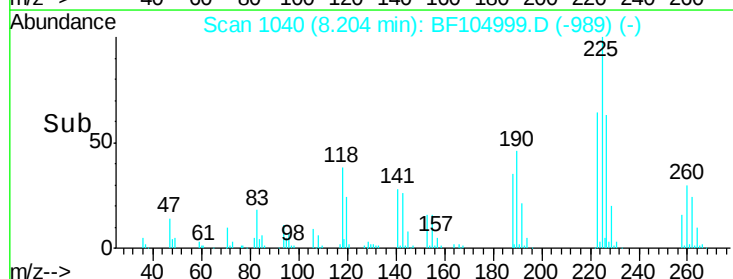


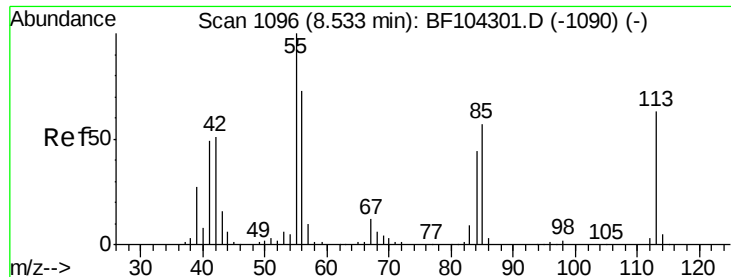
#34
Hexachlorobutadiene
Concen: 34.017 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion:	225	Resp:	144337
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.6	76.0
227	62.9	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

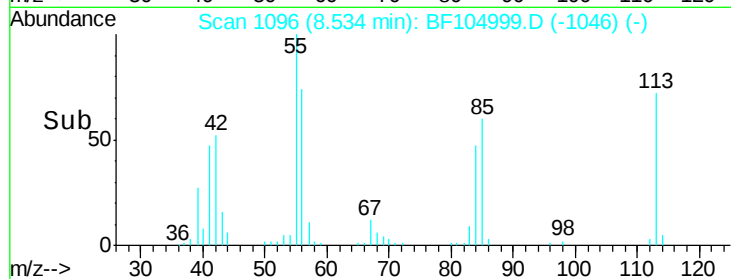
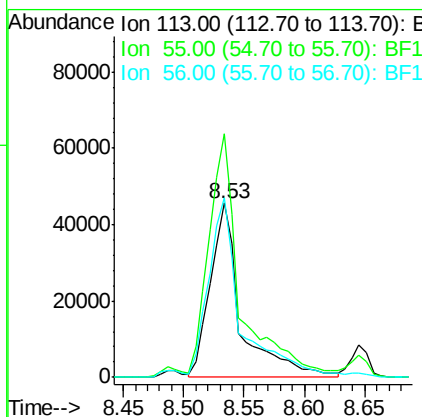
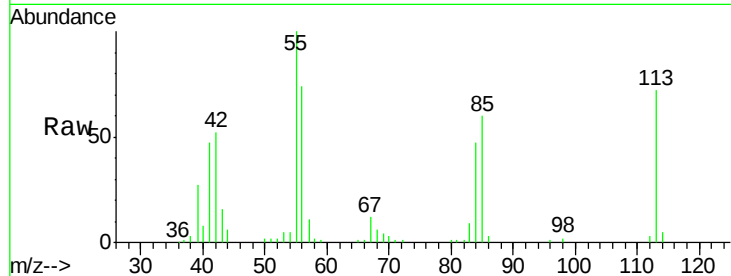




#35
 Caprolactam
 Concen: 32.921 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

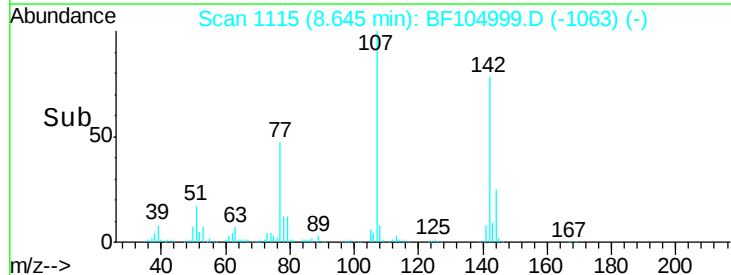
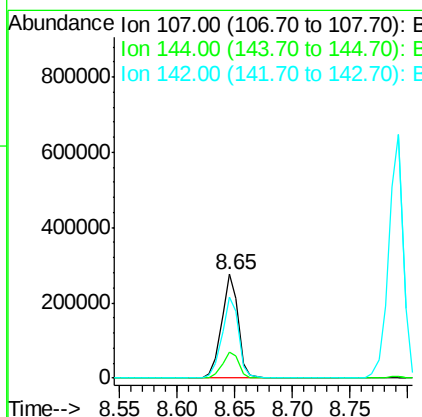
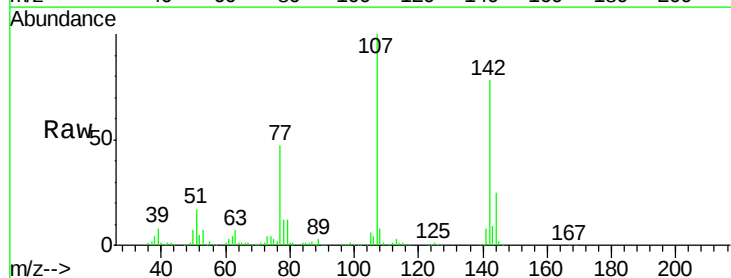
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

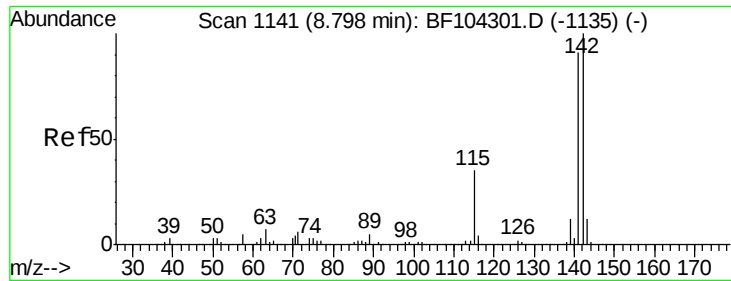
Tgt Ion:113 Resp: 81064
 Ion Ratio Lower Upper
 113 100
 55 139.9 163.3 203.3#
 56 103.4 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 36.351 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion:107 Resp: 275133
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 77.9 62.0 93.0

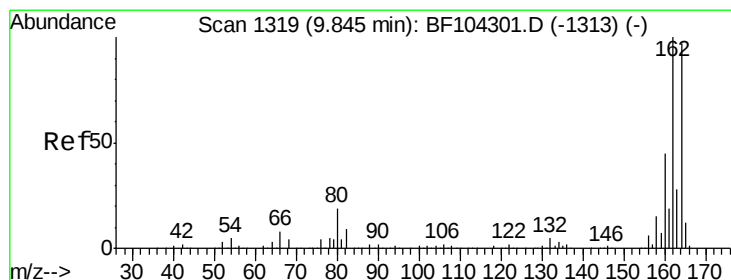
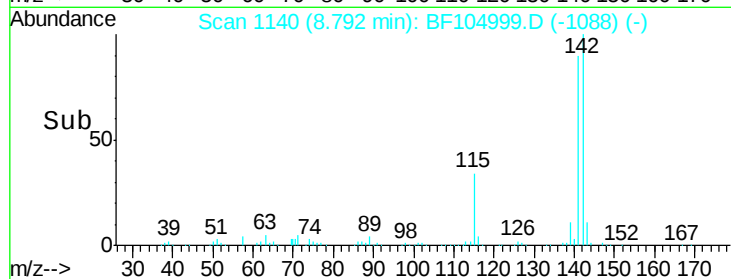
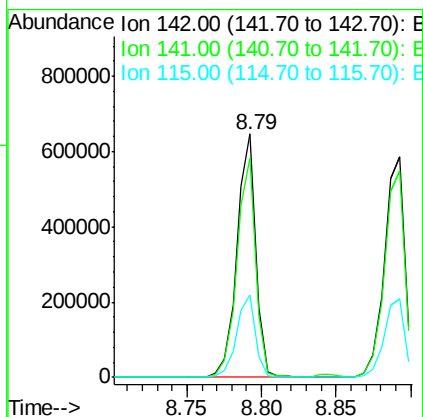
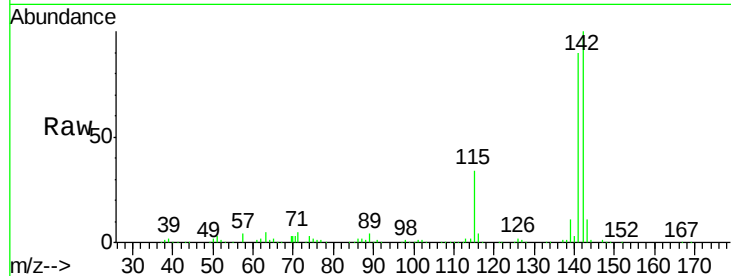




#37
 2-Methylnaphthalene
 Concen: 34.361 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

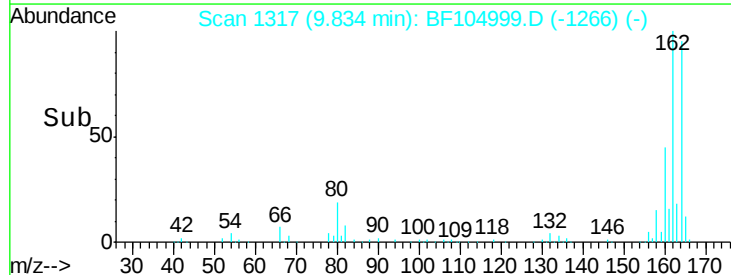
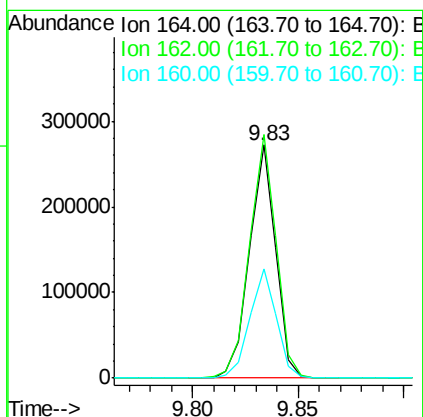
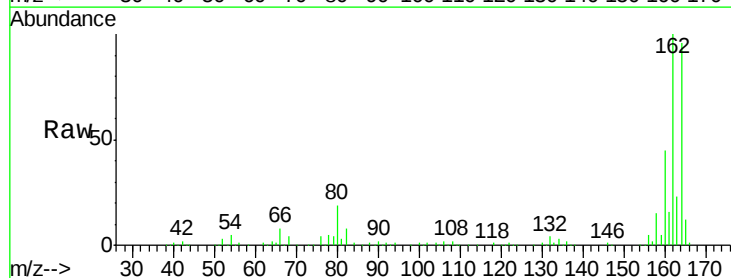
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

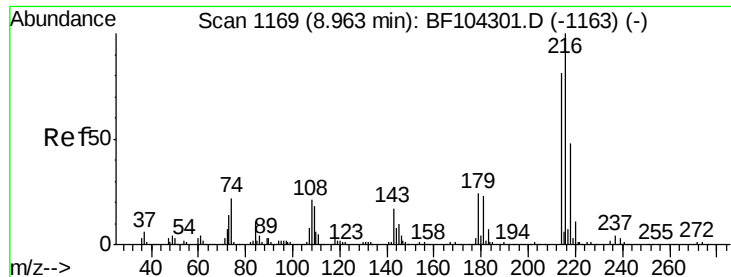
Tgt Ion:142 Resp: 572865
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.8 106.2
 115 34.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion:164 Resp: 234765
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 46.7 38.3 57.5

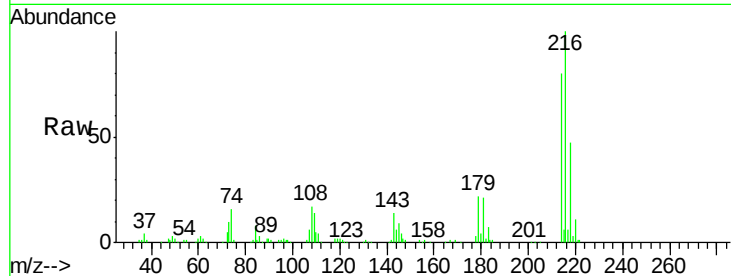




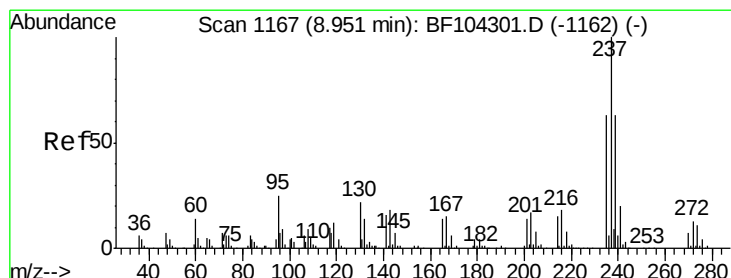
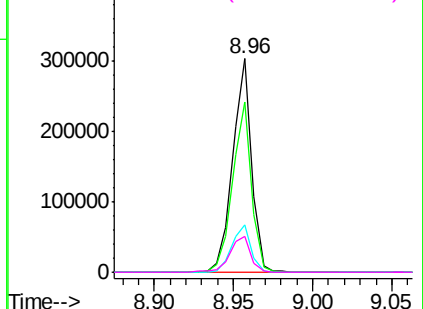
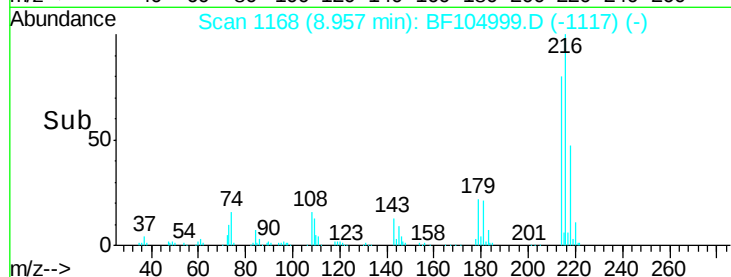
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.271 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

Tgt Ion:	216	Resp:	250471
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.5	18.1	27.1
108	18.6	17.2	25.8

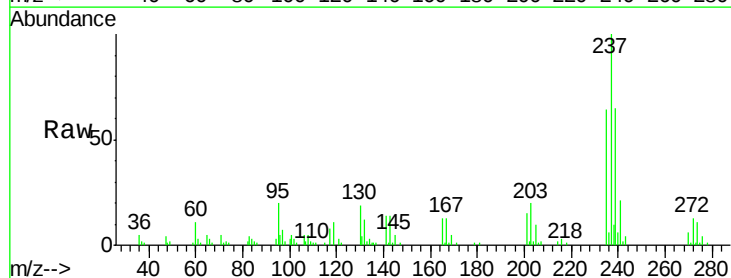


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

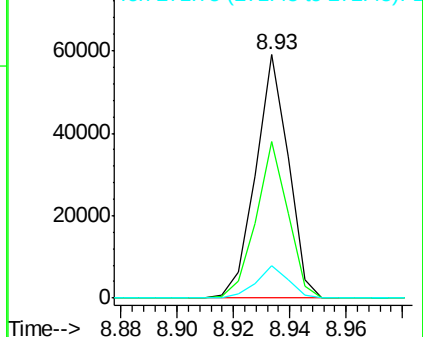
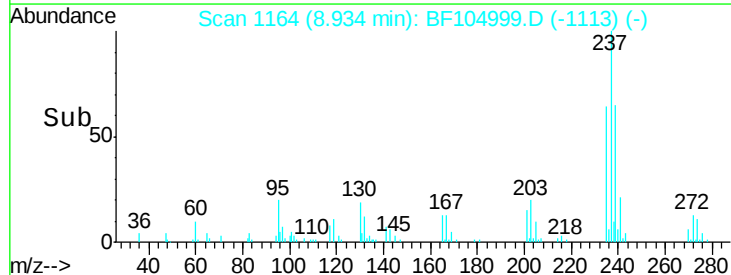


#40
 Hexachlorocyclopentadiene
 Concen: 12.596 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion:	237	Resp:	47391
Ion	Ratio	Lower	Upper
237	100		
235	64.5	44.8	84.8
272	13.2	0.0	33.3



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

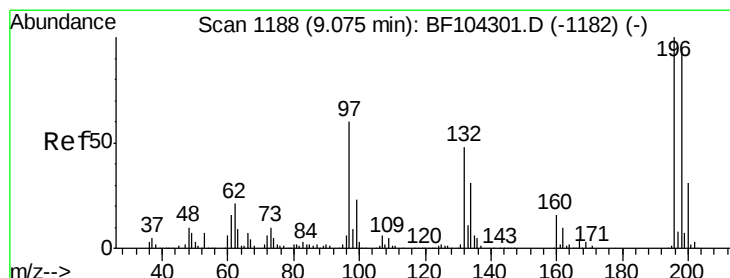
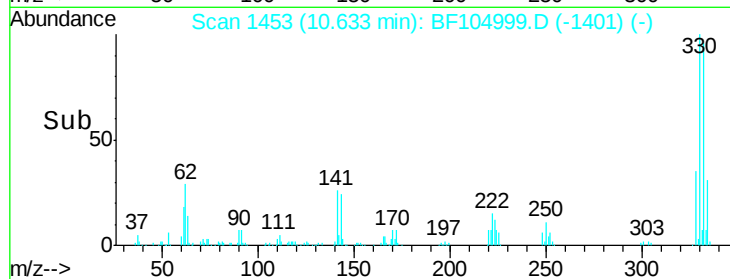
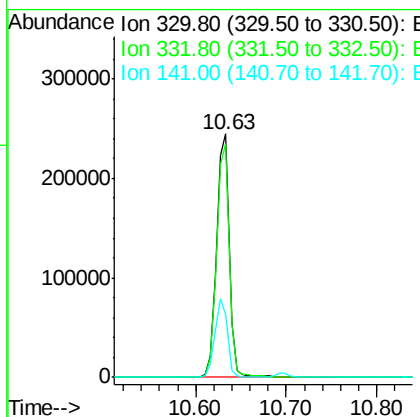
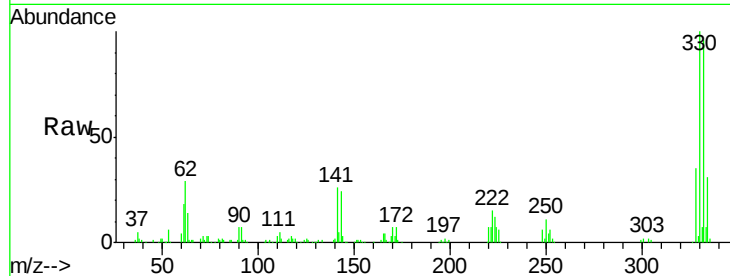




#41
 2,4,6-Tribromophenol
 Concen: 97.771 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.01 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

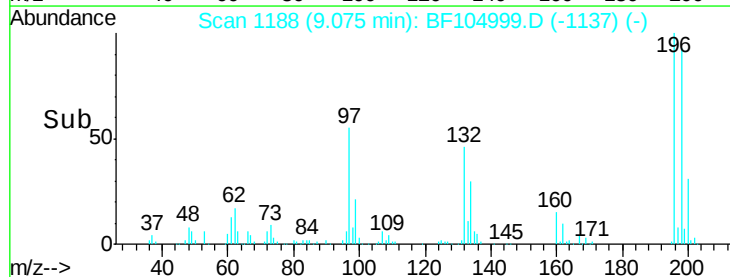
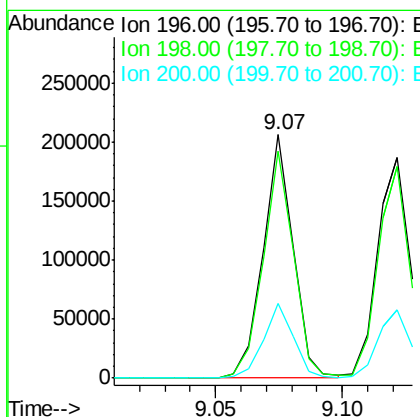
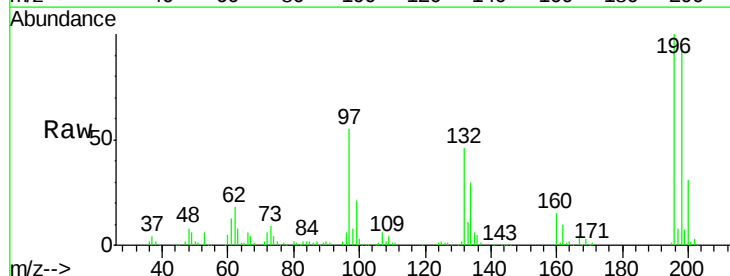
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

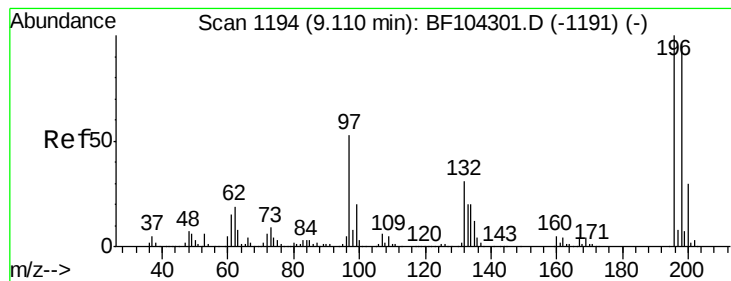
Tgt Ion:330 Resp: 238100
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.2 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 36.540 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion:196 Resp: 170465
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 200 30.6 24.5 36.7





#43

2,4,5-Trichlorophenol

Concen: 34.925 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

Tgt Ion:196 Resp: 182325

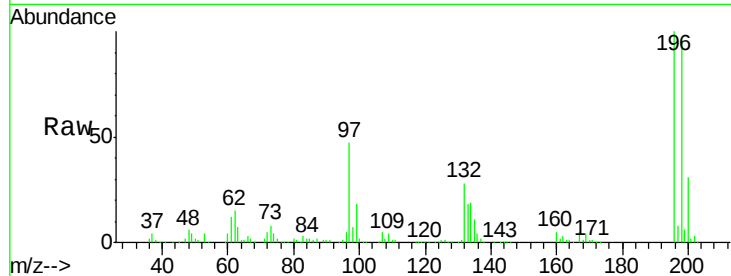
Ion Ratio Lower Upper

196 100

198 95.8 74.6 112.0

97 46.9 42.9 64.3

132 27.9 26.3 39.5

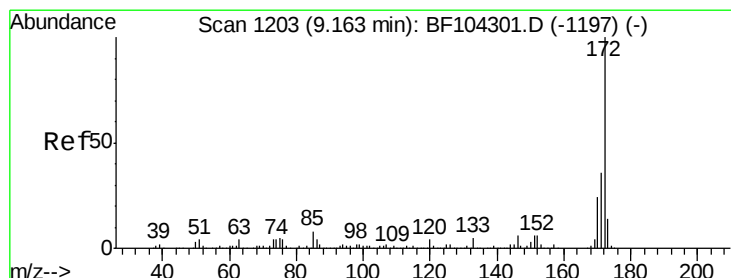
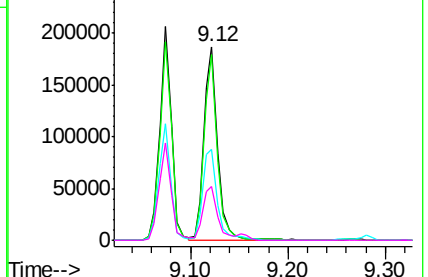
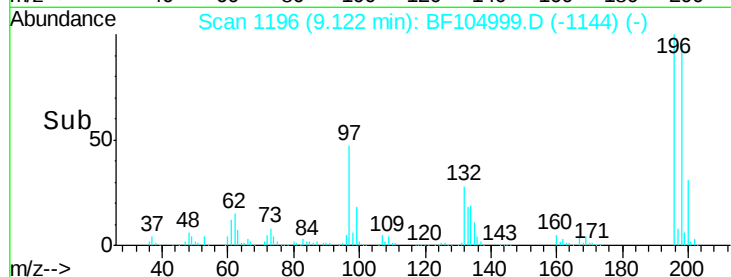


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 76.129 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

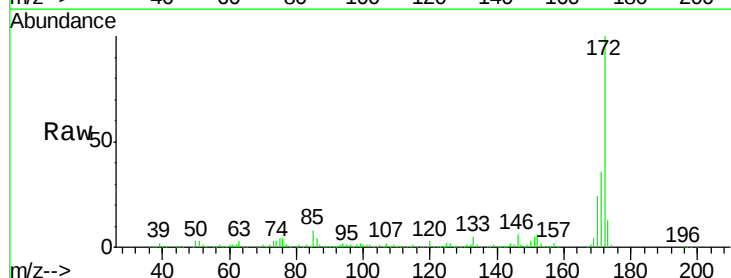
Tgt Ion:172 Resp: 1131342

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

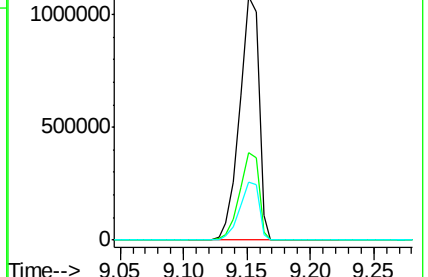
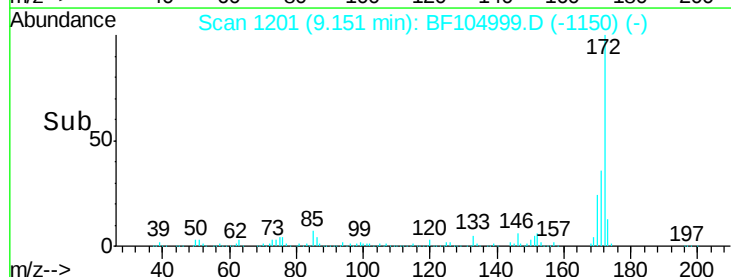
170 23.9 19.6 29.4

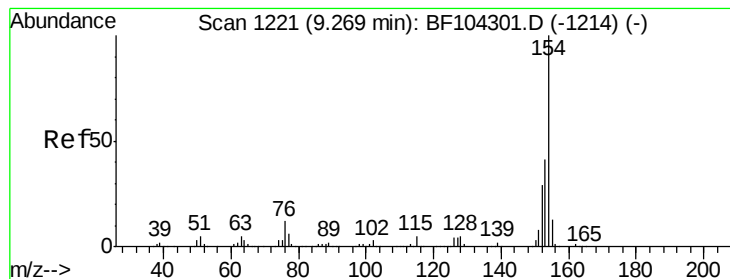


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.070 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

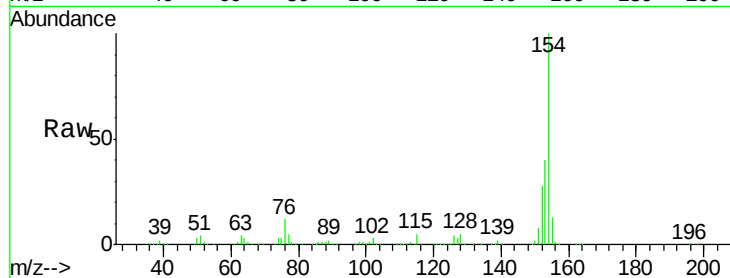
Tgt Ion:154 Resp: 691648

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

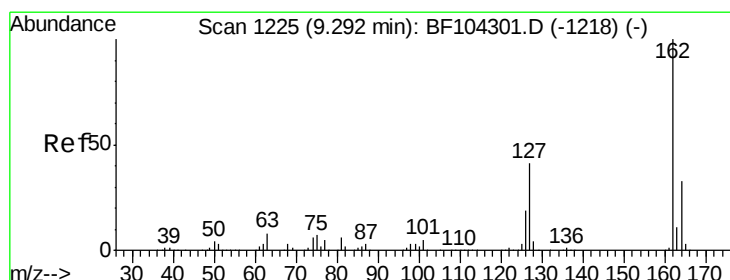
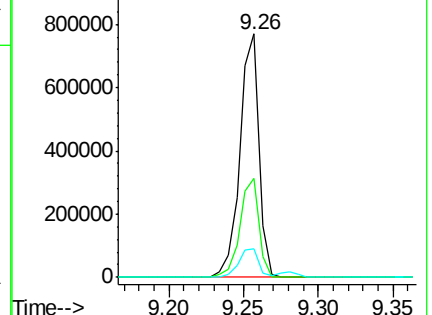
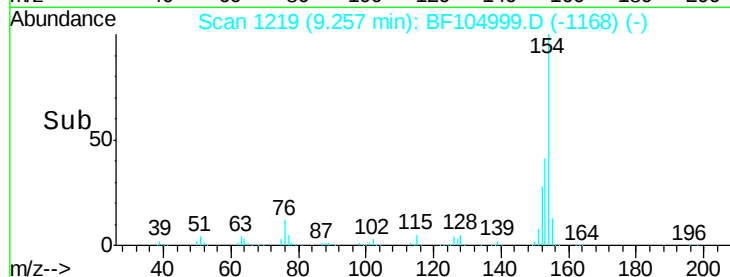
76 11.6 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 34.566 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

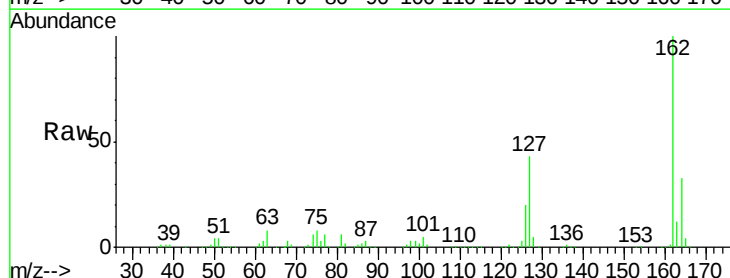
Tgt Ion:162 Resp: 538456

Ion Ratio Lower Upper

162 100

127 42.8 33.9 50.9

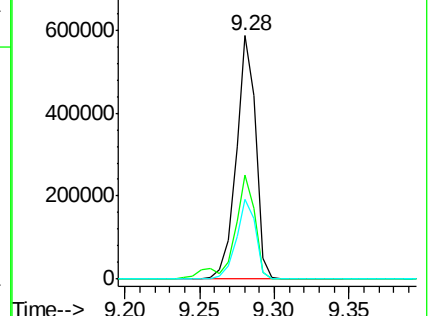
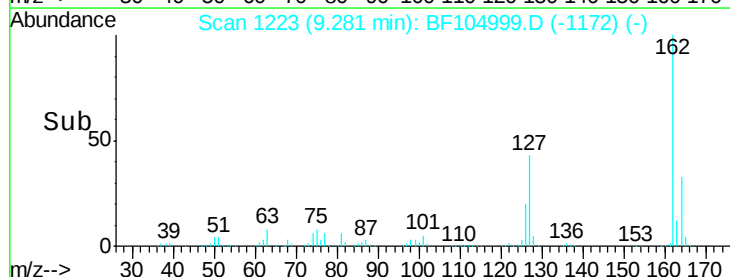
164 33.0 26.5 39.7

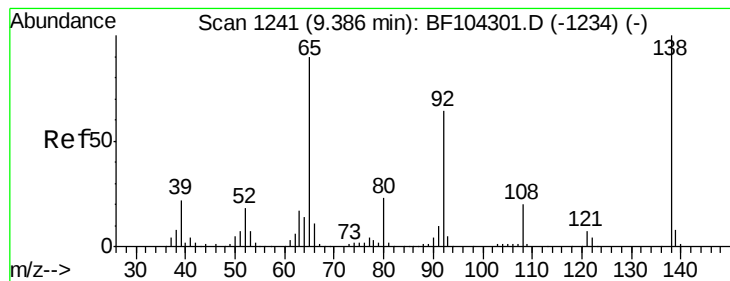


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.323 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

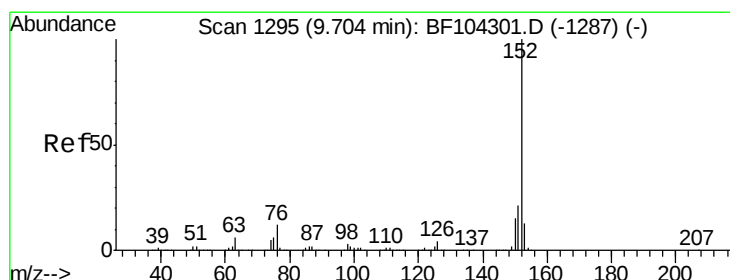
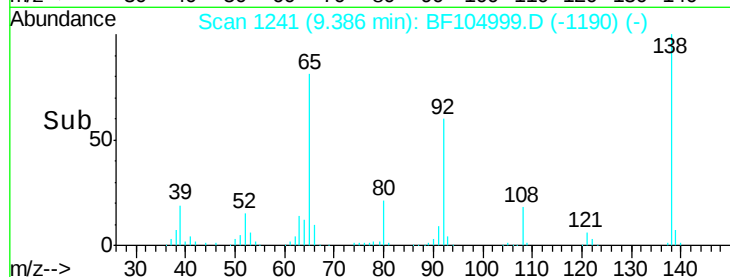
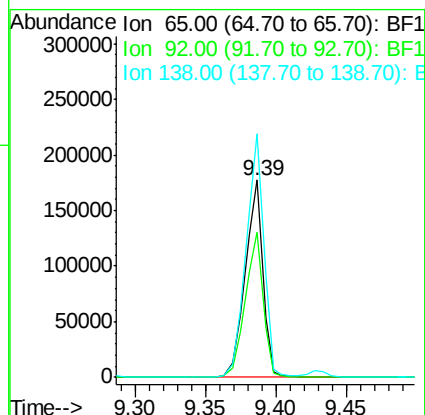
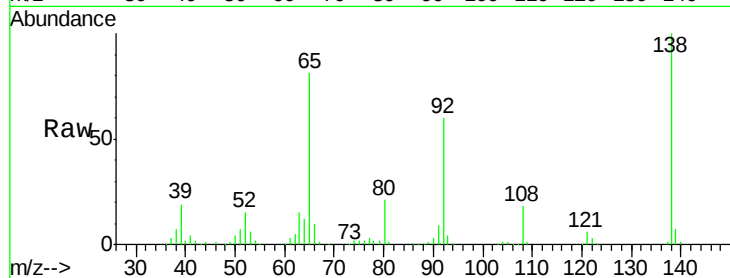
Tgt Ion: 65 Resp: 155341

Ion Ratio Lower Upper

65 100

92 73.8 55.8 83.6

138 123.5 91.2 136.8



#48

Acenaphthylene

Concen: 31.727 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

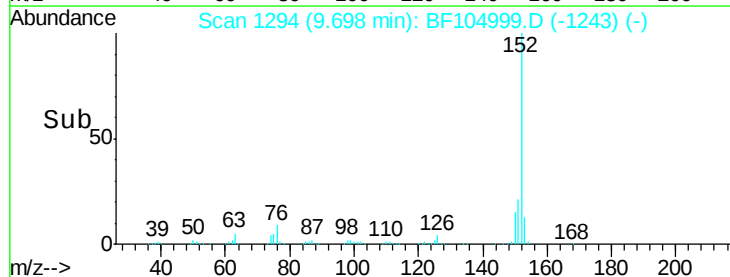
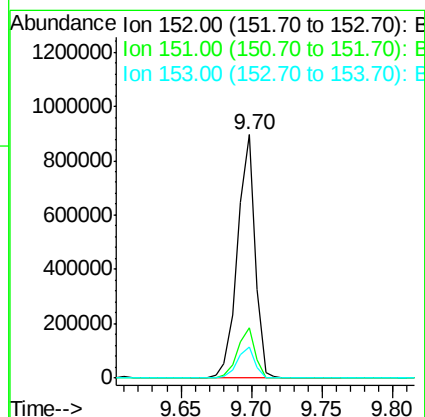
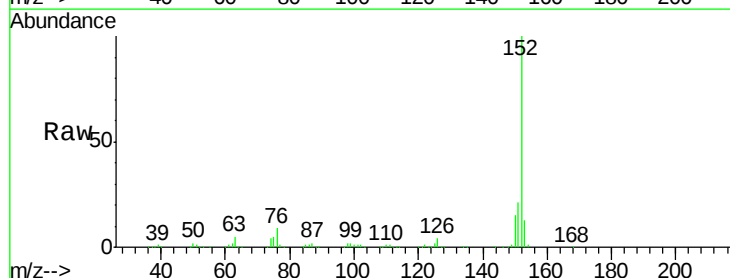
Tgt Ion: 152 Resp: 775432

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 12.7 10.7 16.1

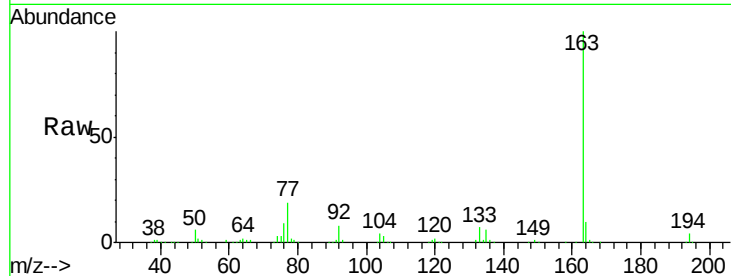




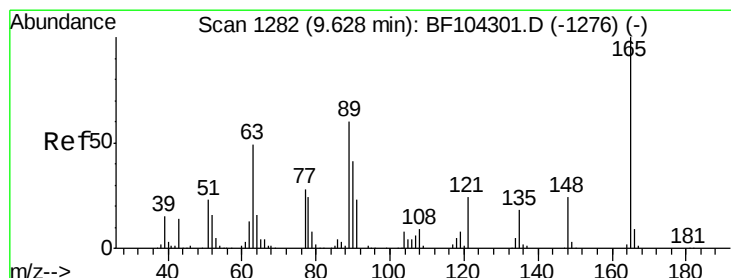
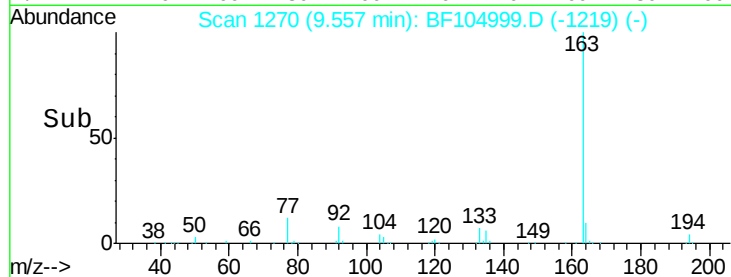
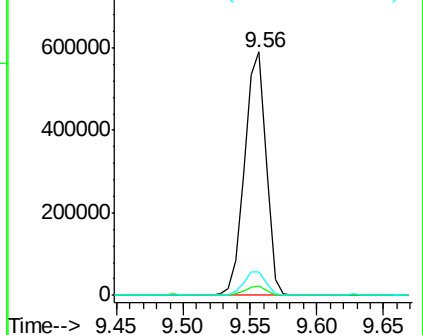
#49
Dimethylphthalate
Concen: 35.141 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Instrument :
BNA_F
ClientSampleId :
PB108756BS

Tgt Ion:163 Resp: 650568
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.9 8.2 12.2

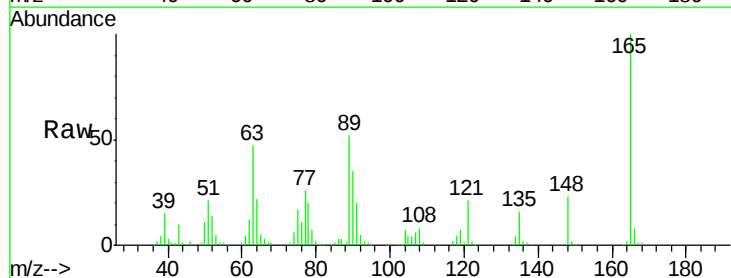


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

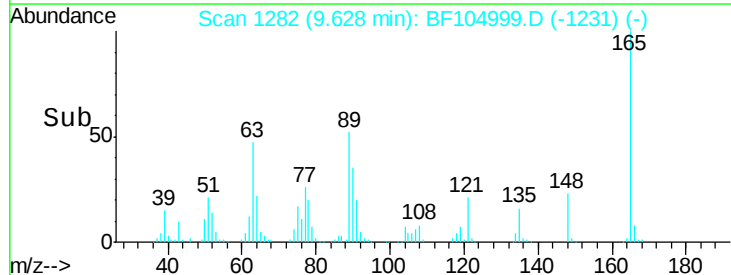
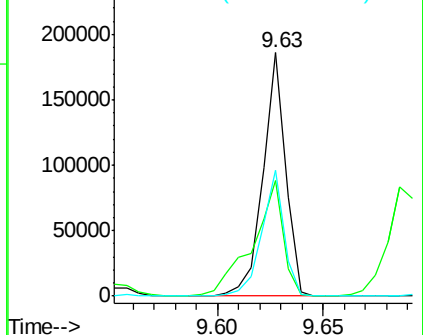


#50
2,6-Dinitrotoluene
Concen: 40.719 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion:165 Resp: 139487
Ion Ratio Lower Upper
165 100
63 47.2 44.7 67.1
89 51.6 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: 30.839 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

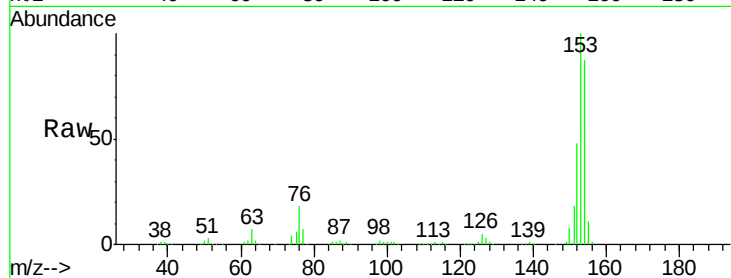
Tgt Ion:154 Resp: 459888

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

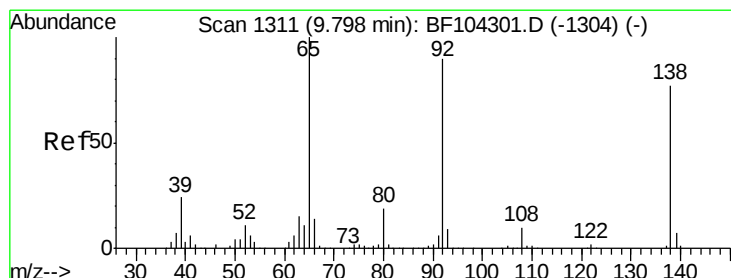
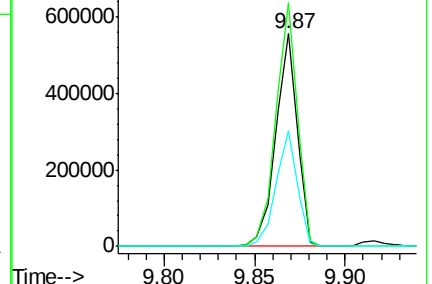
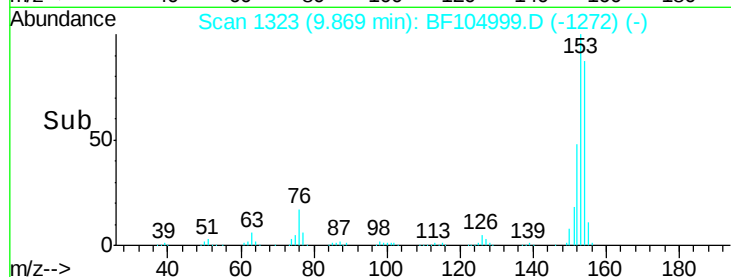
152 54.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.904 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

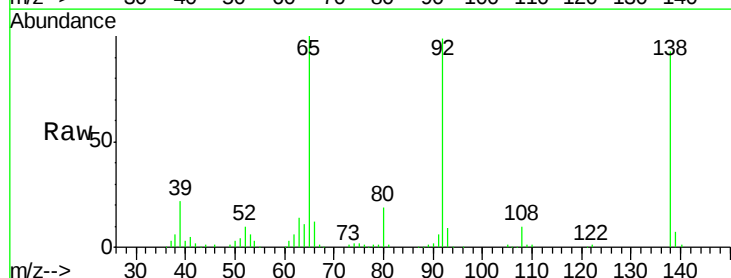
Tgt Ion:138 Resp: 99876

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

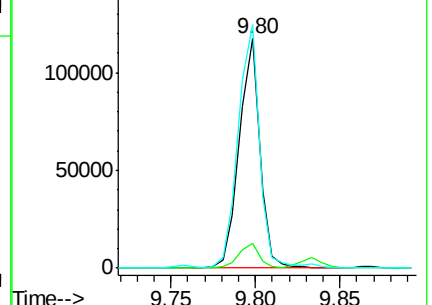
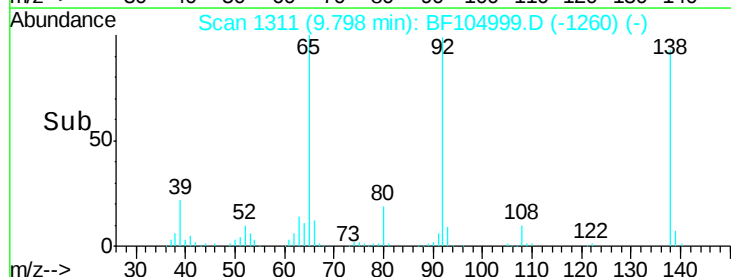
92 106.2 89.4 134.2

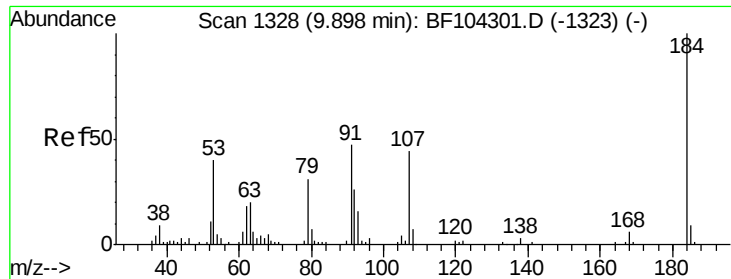


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

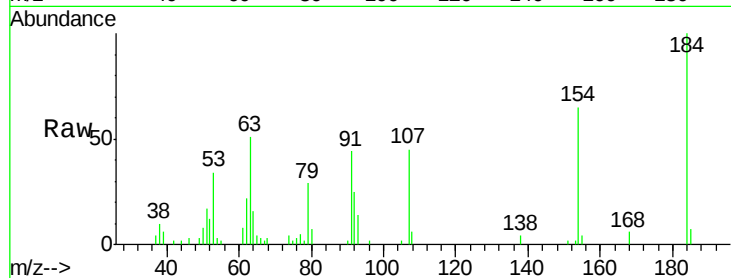




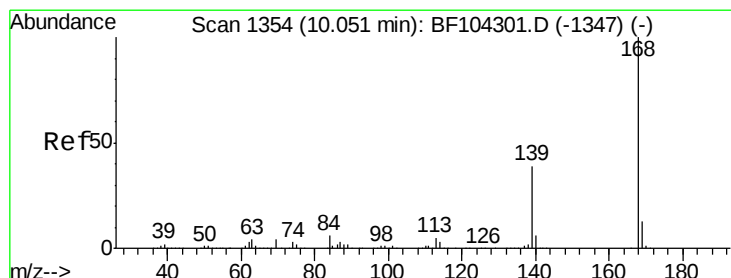
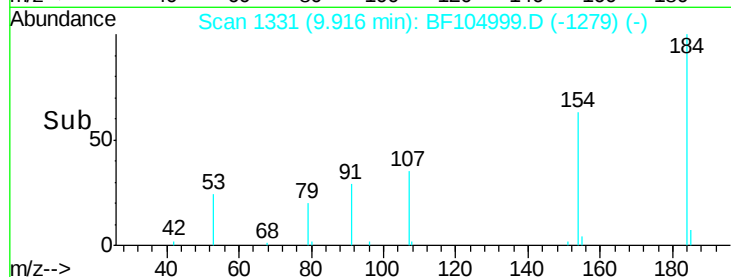
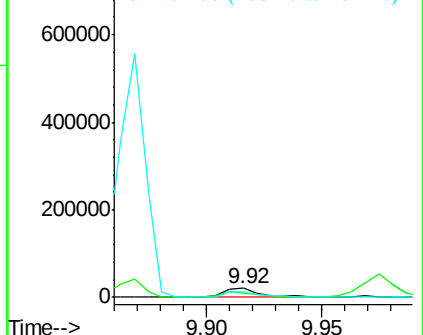
#53
 2,4-Dinitrophenol
 Concen: 27.182 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

Tgt Ion:184 Resp: 24262
 Ion Ratio Lower Upper
 184 100
 63 51.5 54.2 81.2#
 154 64.6 184.0 276.0#

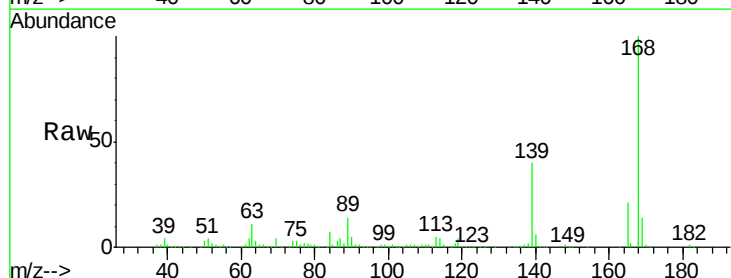


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

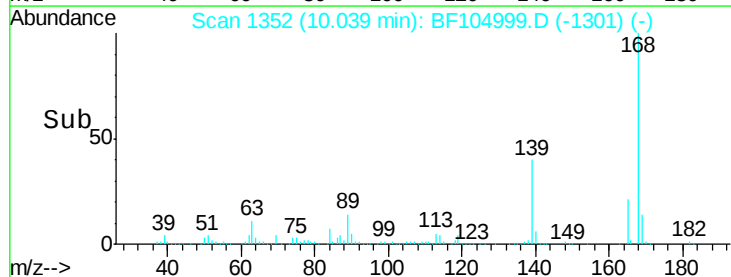
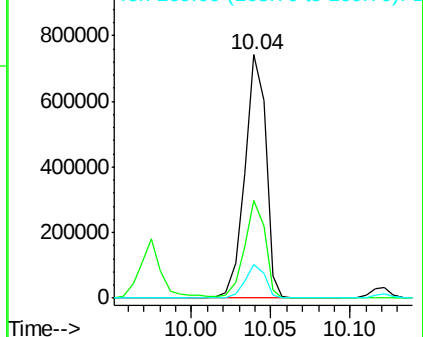


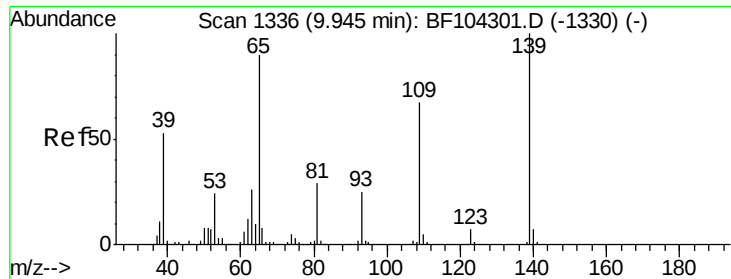
#54
 Dibenzofuran
 Concen: 32.788 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion:168 Resp: 681390
 Ion Ratio Lower Upper
 168 100
 139 40.4 30.1 45.1
 169 13.9 10.9 16.3



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

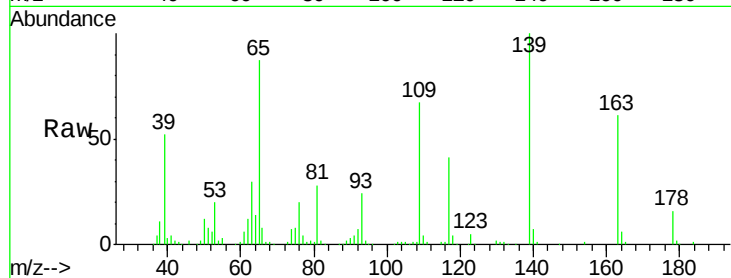




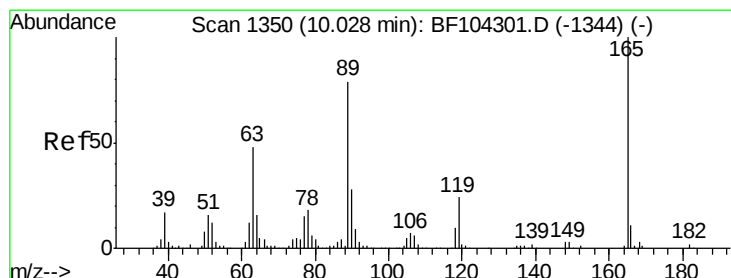
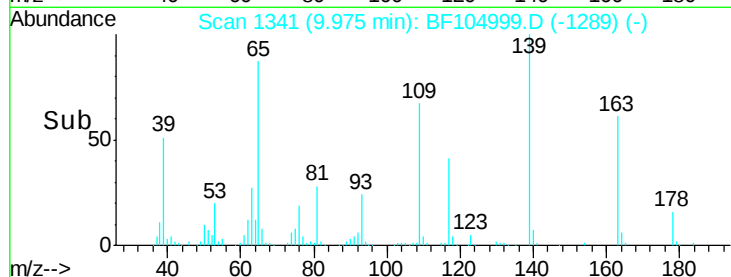
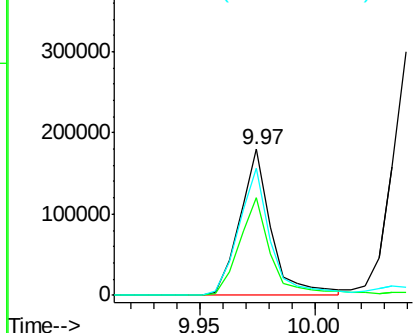
#55
4-Nitrophenol
Concen: 54.043 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Instrument :
BNA_F
ClientSampleId :
PB108756BS

Tgt Ion:139 Resp: 170252
Ion Ratio Lower Upper
139 100
109 66.9 48.4 88.4
65 86.9 72.6 112.6

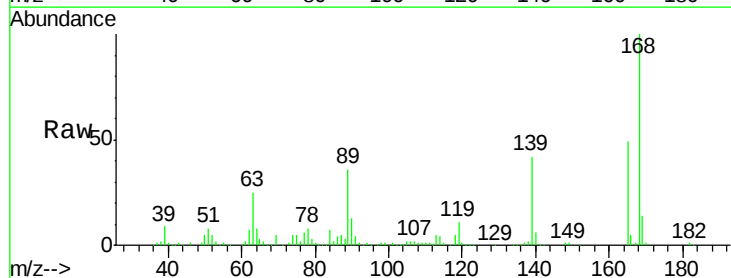


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

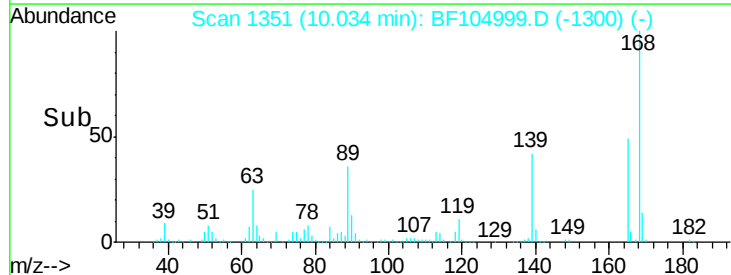
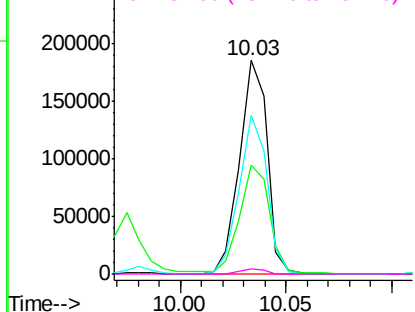


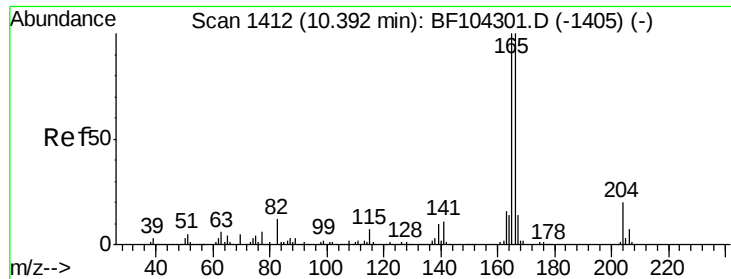
#56
2,4-Dinitrotoluene
Concen: 37.477 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion:165 Resp: 168402
Ion Ratio Lower Upper
165 100
63 51.0 36.4 54.6
89 74.2 57.8 86.6
182 2.3 1.6 2.4



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

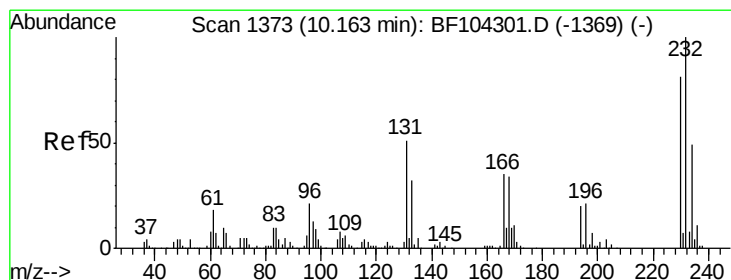
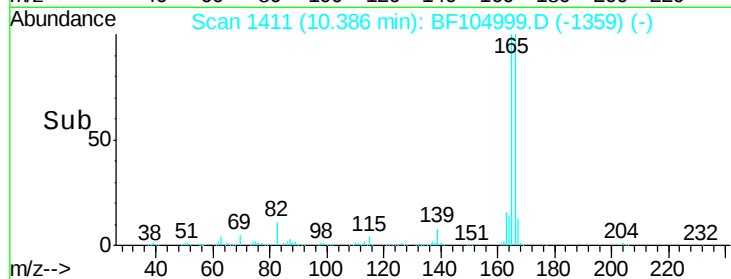
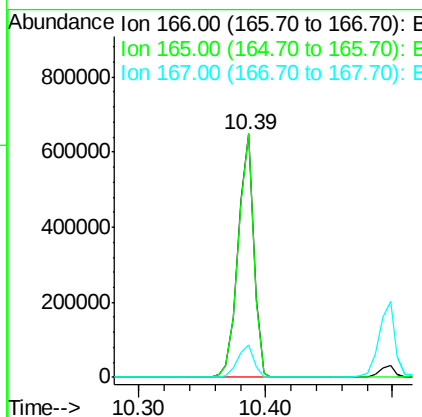
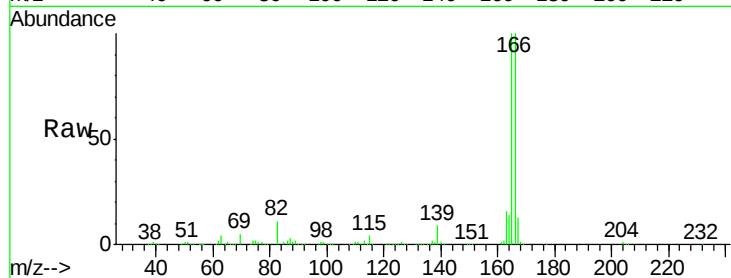




#57
Fluorene
 Concen: 36.022 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

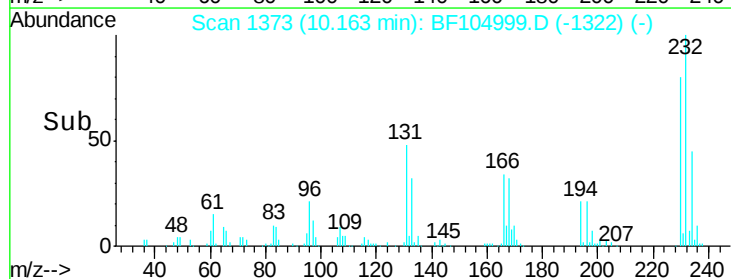
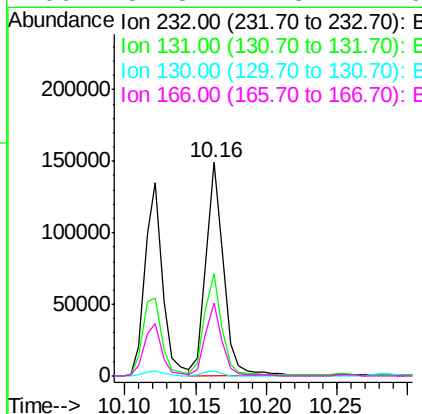
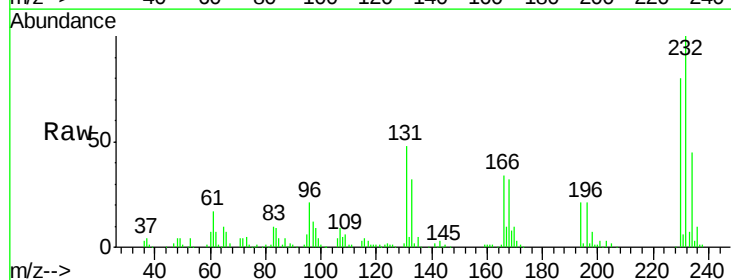
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

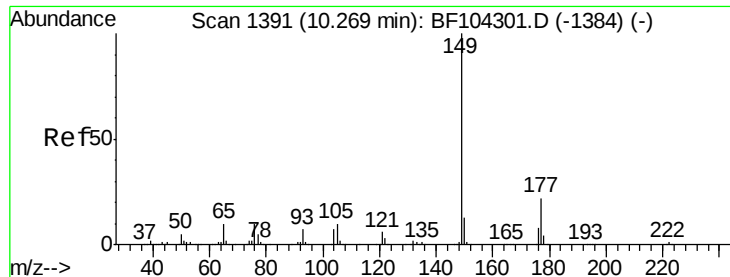
Tgt Ion:166 Resp: 544893
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.8 119.8
 167 13.4 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.409 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion:232 Resp: 130119
 Ion Ratio Lower Upper
 232 100
 131 47.3 43.8 65.8
 130 2.3 2.1 3.1
 166 32.3 27.8 41.6

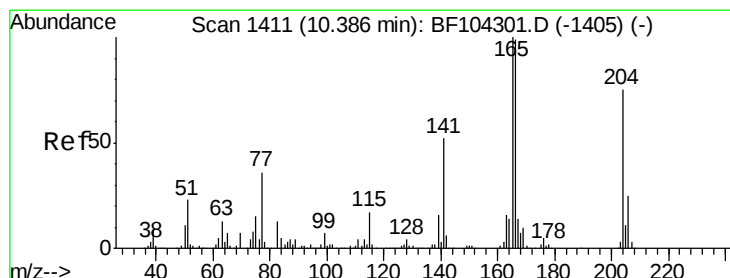
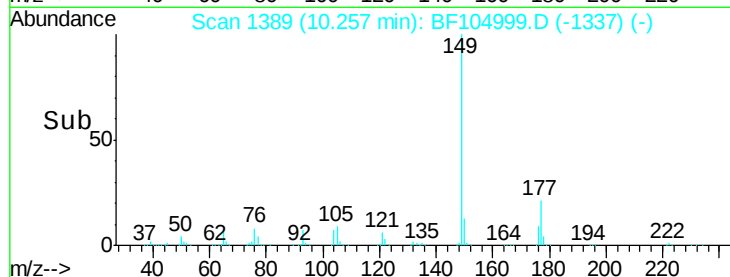
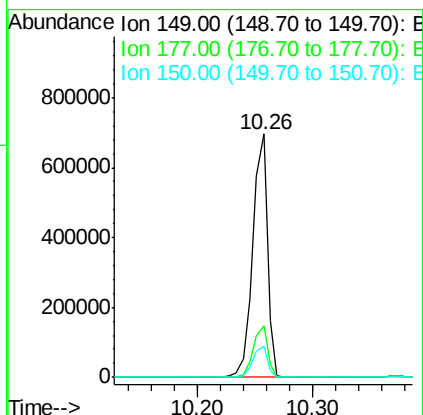
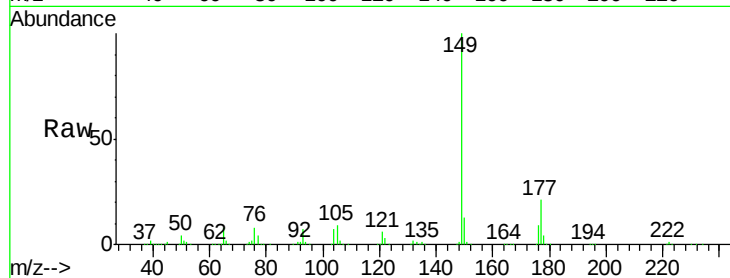




#59
Diethylphthalate
Concen: 33.304 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

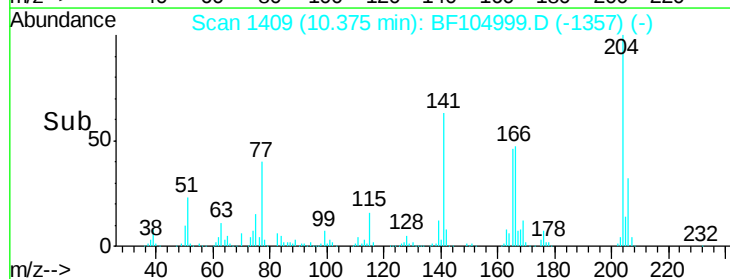
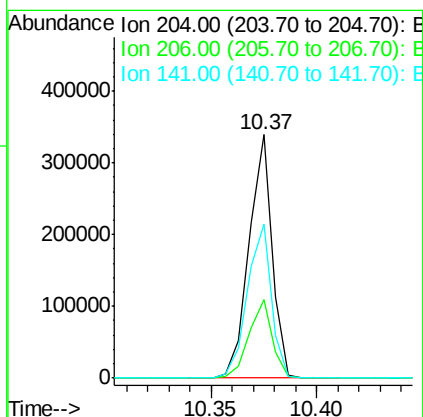
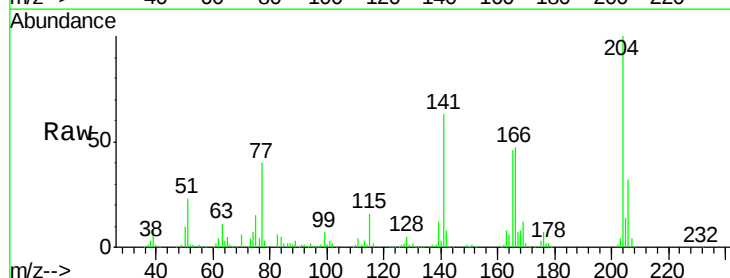
Instrument :
BNA_F
ClientSampleId :
PB108756BS

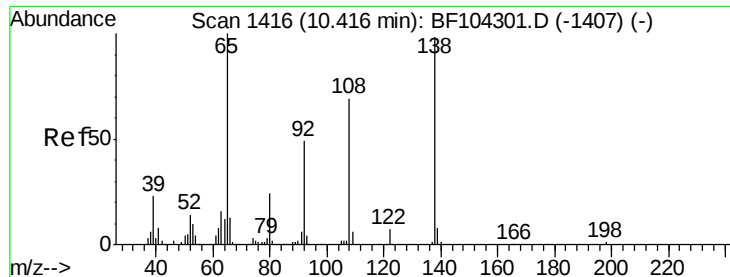
Tgt Ion:149 Resp: 614050
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.492 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion:204 Resp: 259305
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 63.2 54.6 81.8





#61

4-Nitroaniline

Concen: 33.664 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

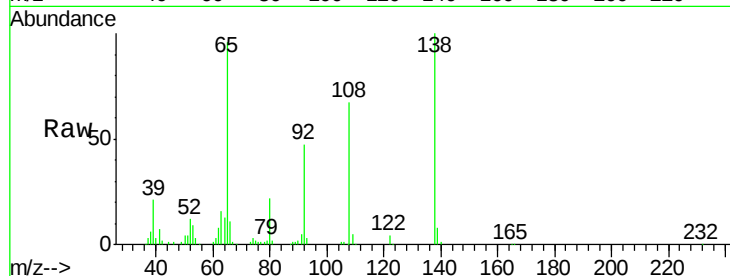
Tgt Ion:138 Resp: 132005

Ion Ratio Lower Upper

138 100

92 47.3 30.2 70.2

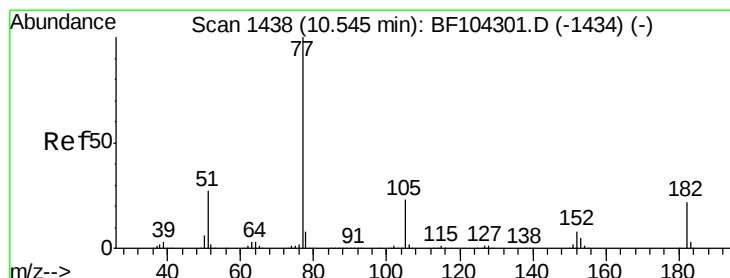
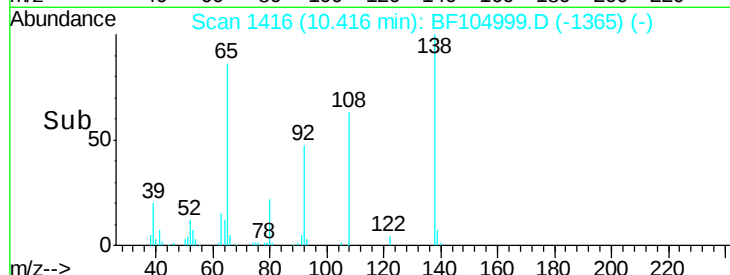
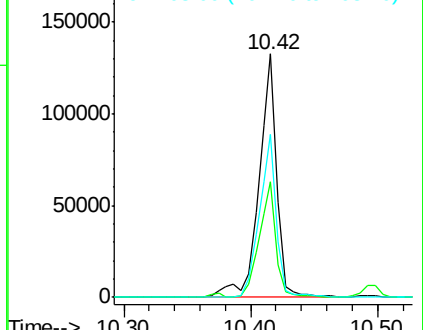
108 67.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.430 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Tgt Ion: 77 Resp: 536032

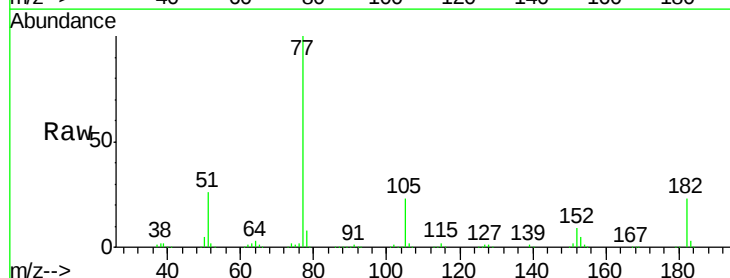
Ion Ratio Lower Upper

77 100

182 23.4 1.7 41.7

105 23.4 3.0 43.0

51 25.7 9.9 49.9

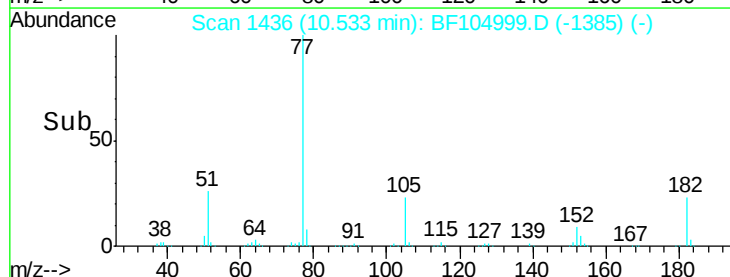
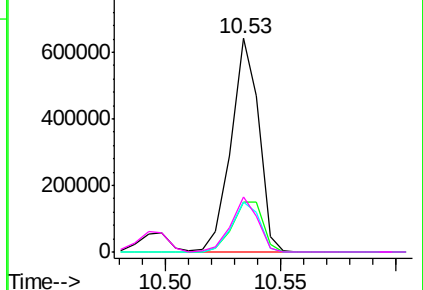


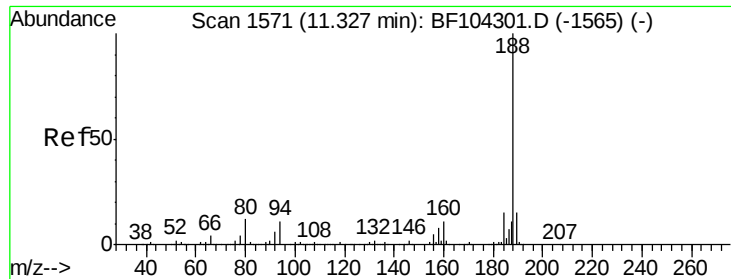
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

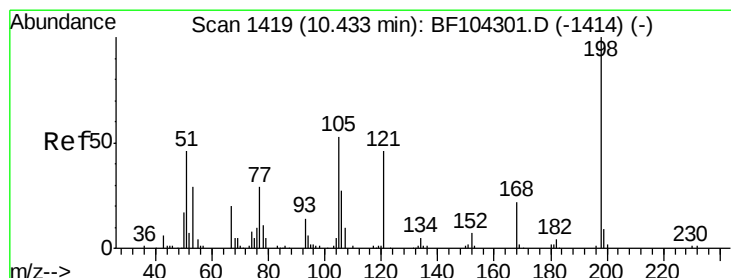
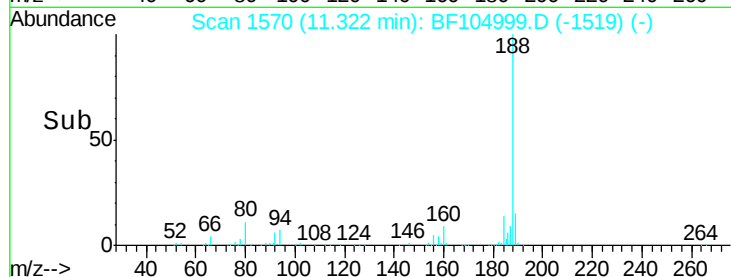
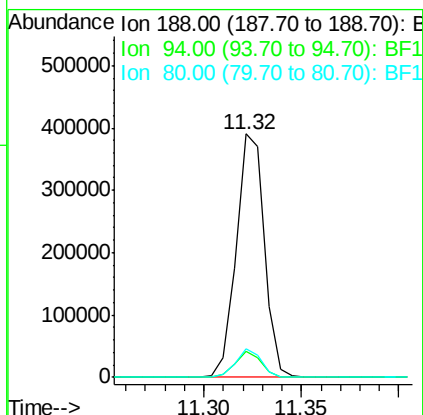
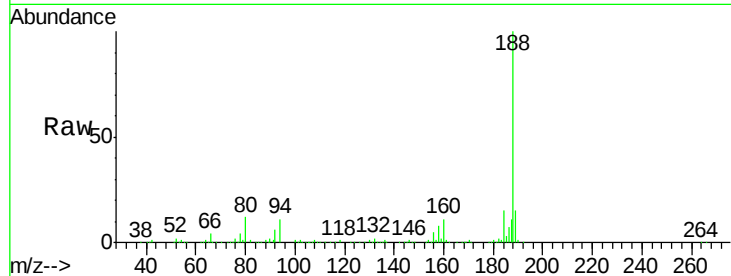




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

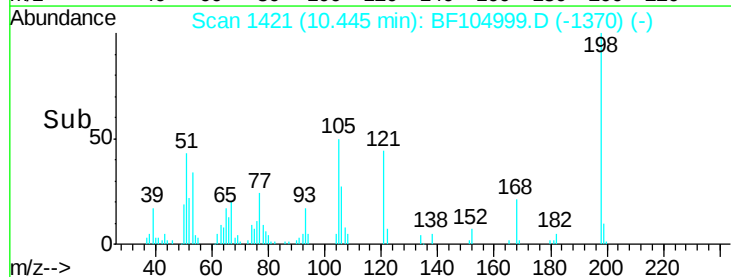
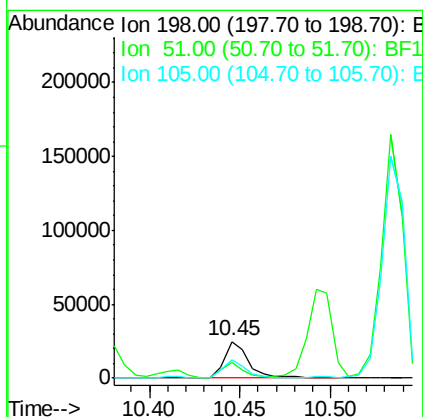
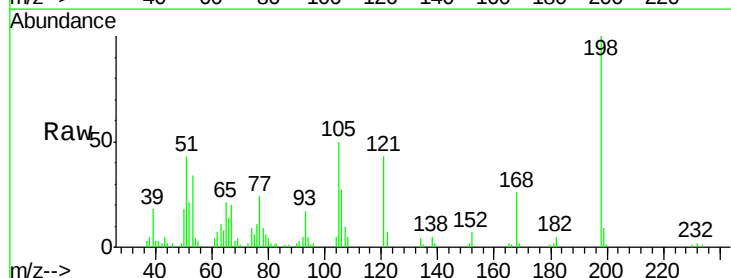
Instrument :
BNA_F
ClientSampleId :
PB108756BS

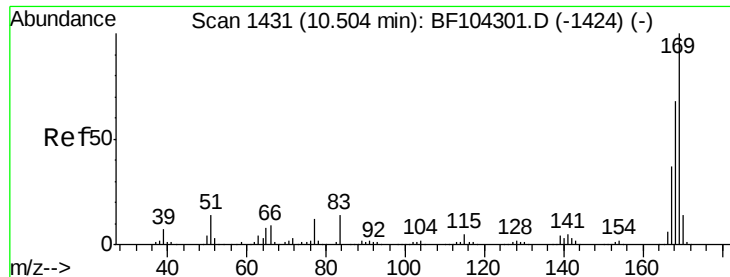
Tgt Ion:188 Resp: 388748
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 17.687 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion:198 Resp: 23115
Ion Ratio Lower Upper
198 100
51 42.7 37.7 77.7
105 49.5 36.3 76.3

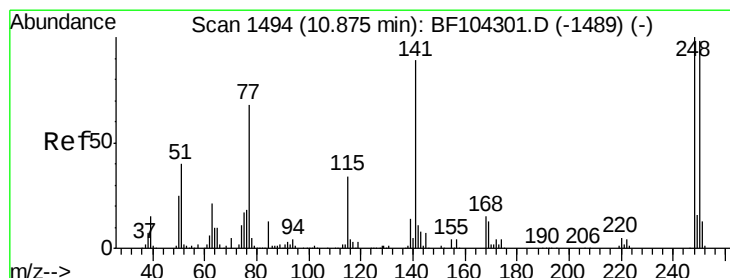
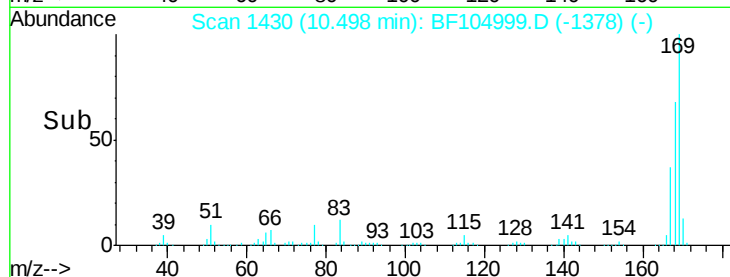
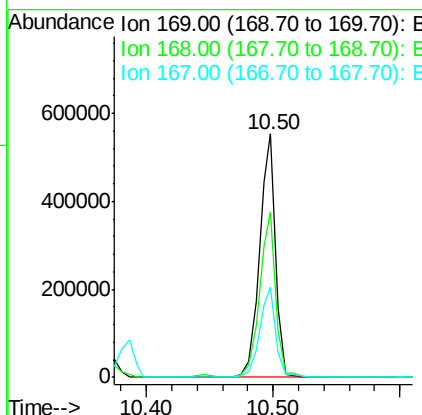
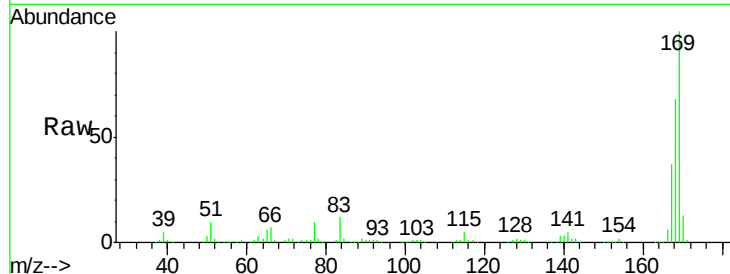




#65
n-Nitrosodiphenylamine
Concen: 36.237 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

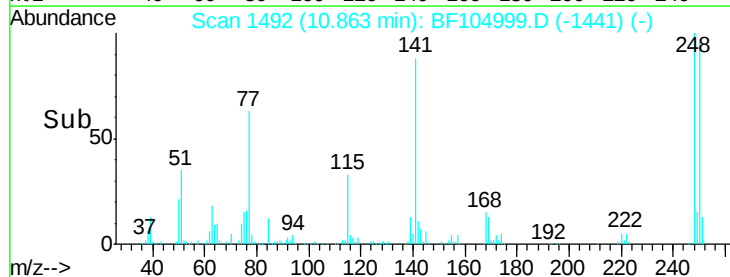
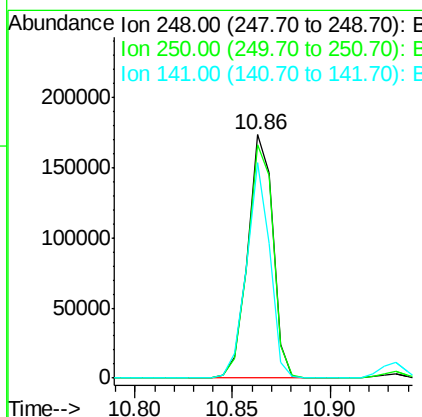
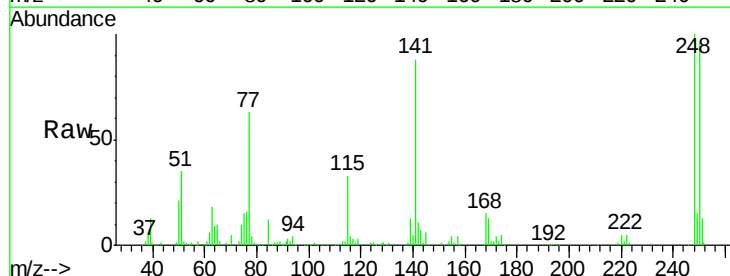
Instrument :
BNA_F
ClientSampleId :
PB108756BS

Tgt Ion:169 Resp: 488434
Ion Ratio Lower Upper
169 100
168 68.2 54.4 81.6
167 36.9 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 37.575 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion:248 Resp: 155375
Ion Ratio Lower Upper
248 100
250 96.1 76.9 115.3
141 88.2 74.4 111.6

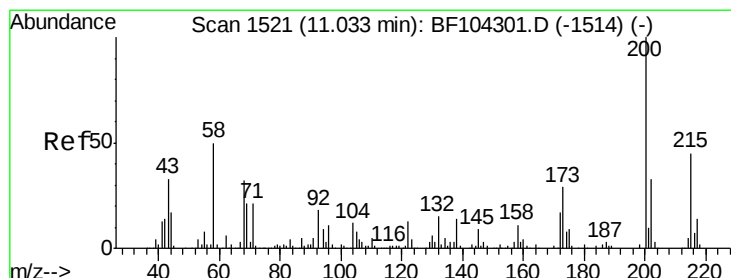
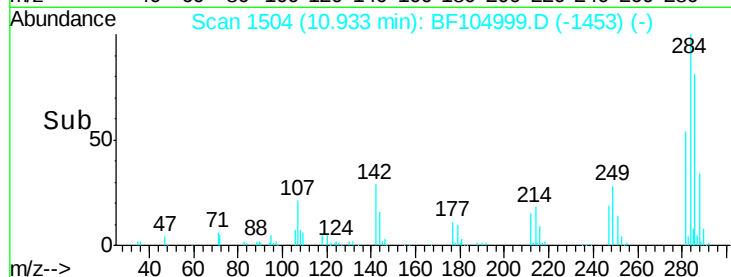
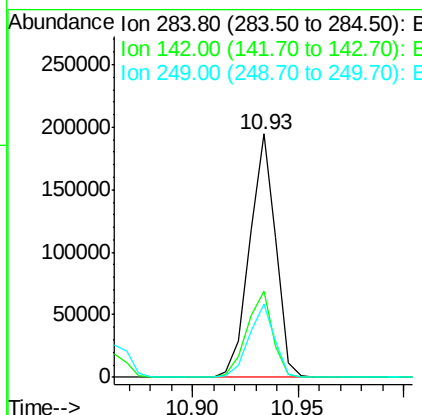
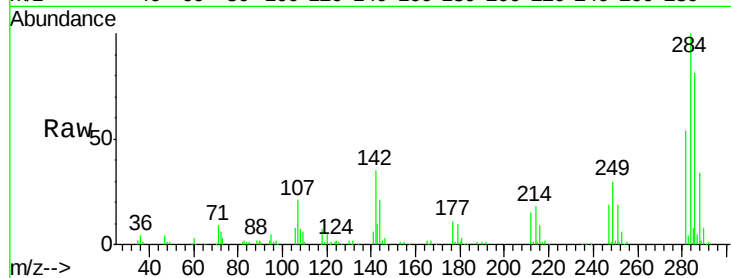




#67
Hexachlorobenzene
Concen: 35.778 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

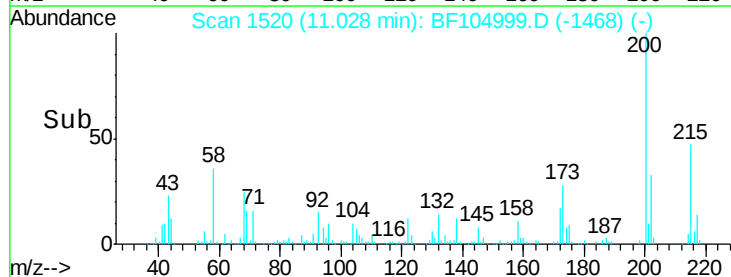
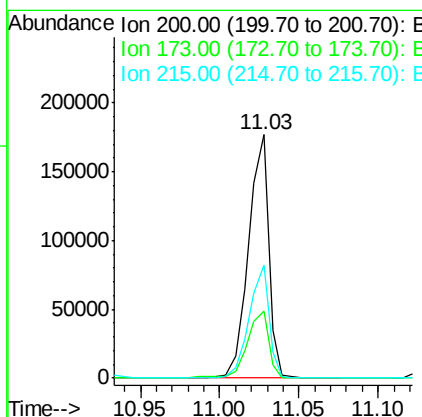
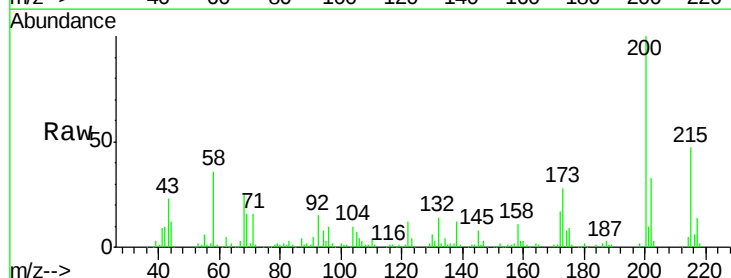
Instrument :
BNA_F
ClientSampleId :
PB108756BS

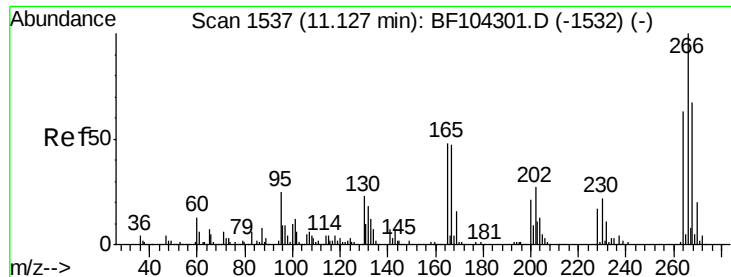
Tgt Ion: 284 Resp: 166469
Ion Ratio Lower Upper
284 100
142 35.2 34.6 52.0
249 30.2 24.8 37.2



#68
Atrazine
Concen: 38.430 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion: 200 Resp: 156353
Ion Ratio Lower Upper
200 100
173 27.6 8.6 48.6
215 46.6 25.1 65.1

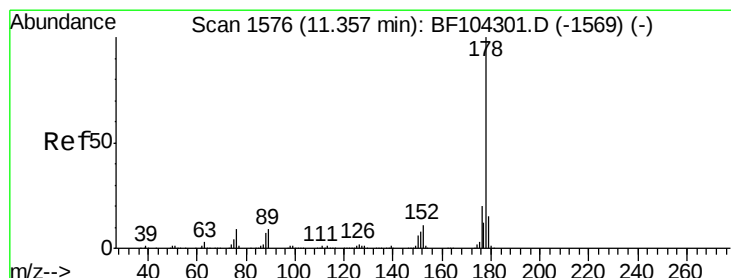
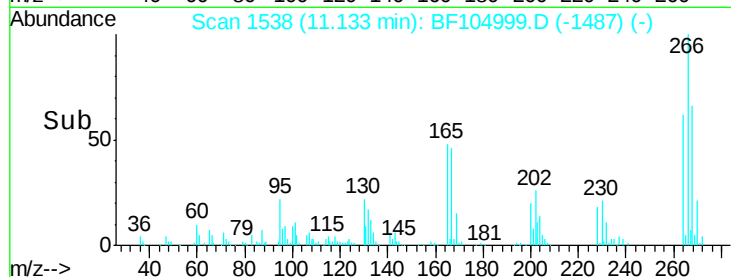
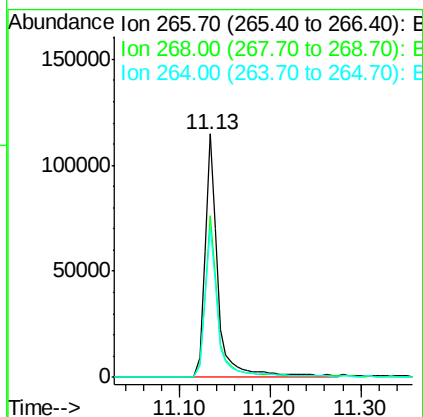
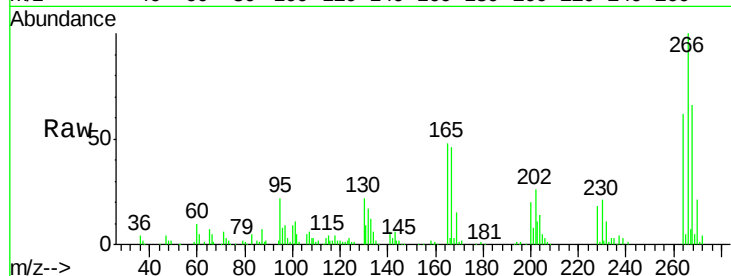




#69
 Pentachlorophenol
 Concen: 40.917 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

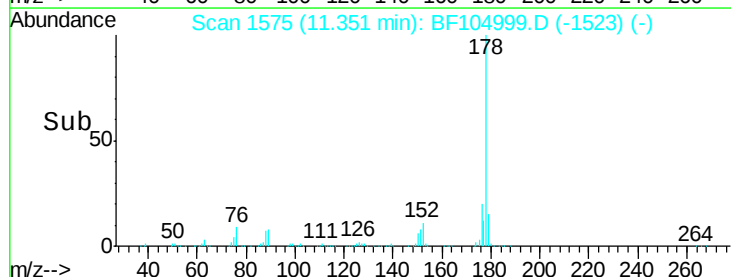
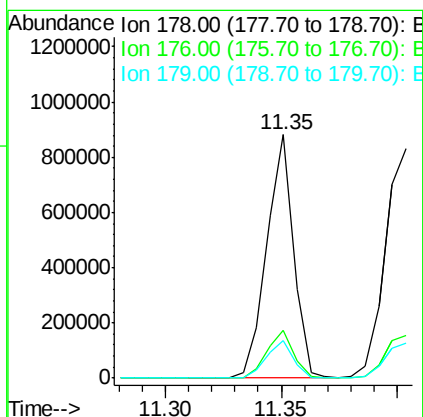
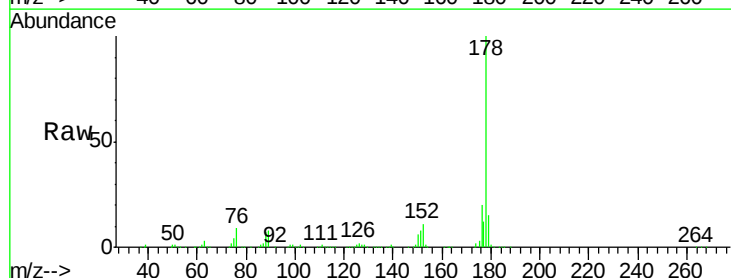
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

Tgt Ion: 266 Resp: 117777
 Ion Ratio Lower Upper
 266 100
 268 66.4 51.1 76.7
 264 61.9 49.5 74.3



#70
 Phenanthrene
 Concen: 32.948 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion: 178 Resp: 713294
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.3 13.0 19.6

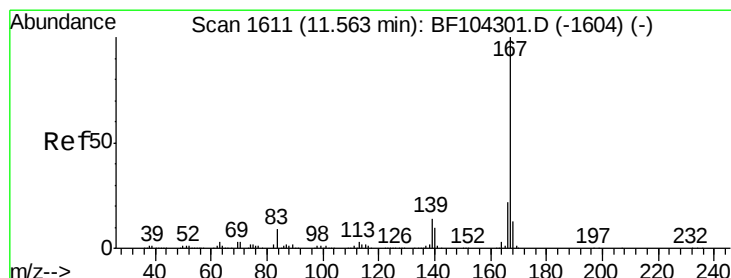
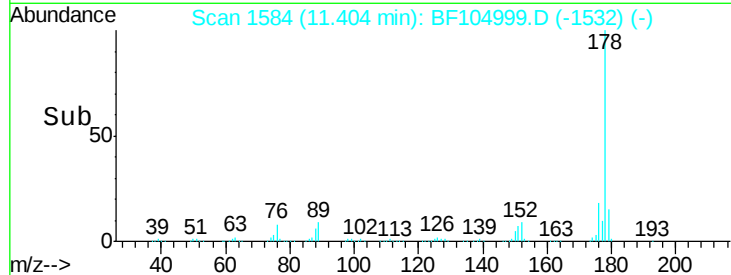
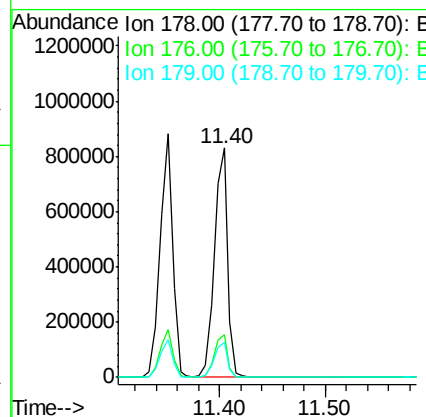
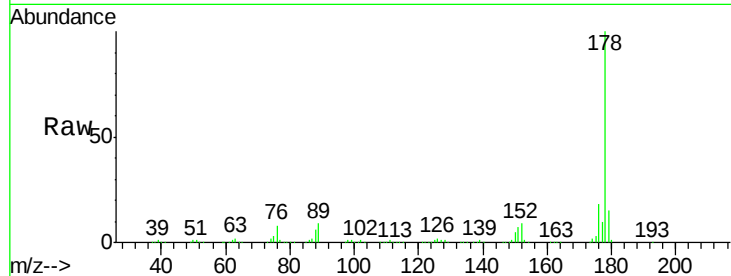




#71
 Anthracene
 Concen: 33.309 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

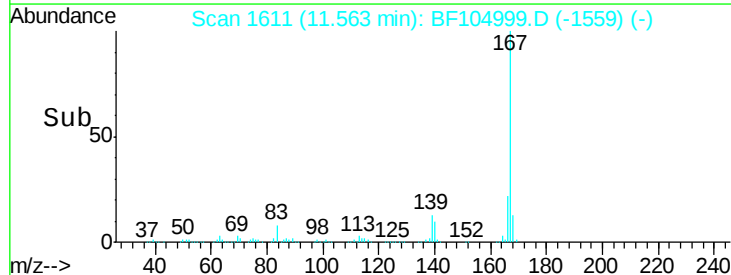
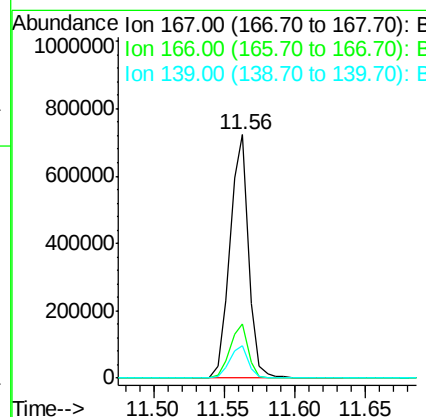
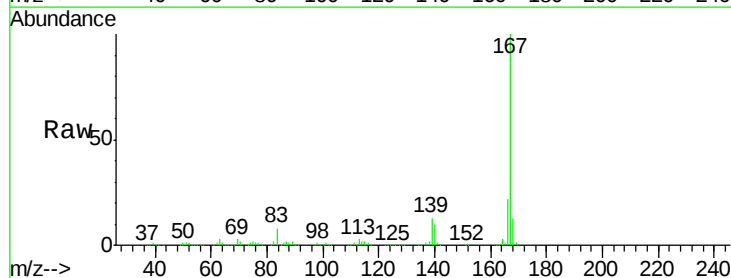
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

Tgt Ion:178 Resp: 733025
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 30.774 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion:167 Resp: 661770
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 34.037 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.01 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

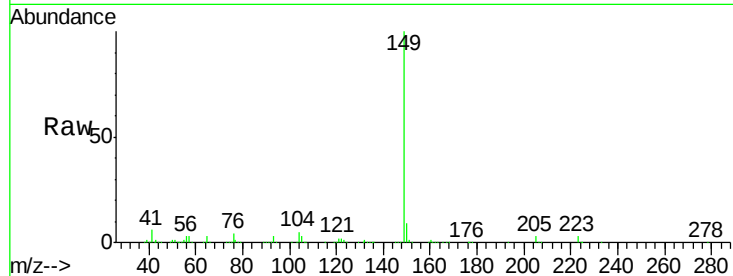
Tgt Ion:149 Resp: 894113

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

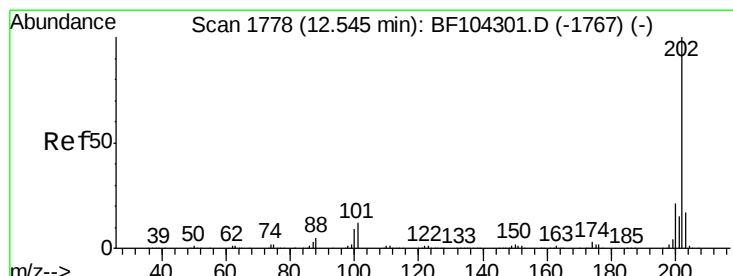
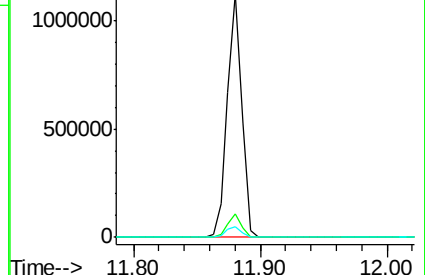
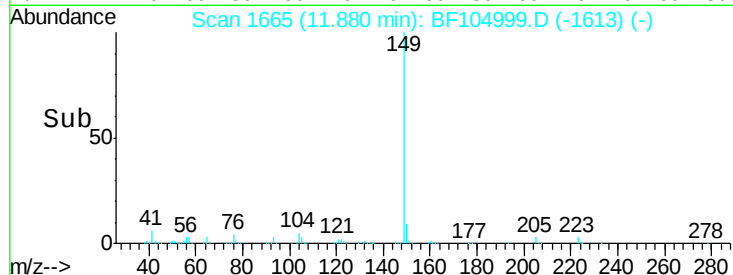
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.611 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

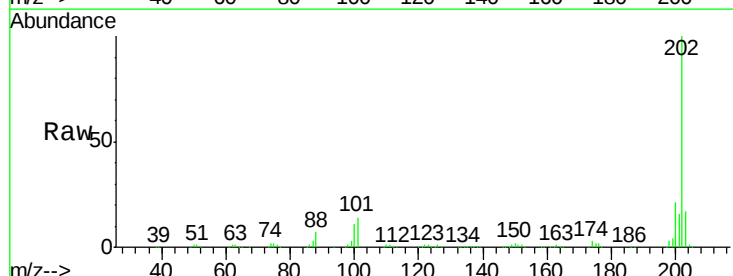
Tgt Ion:202 Resp: 624542

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.1

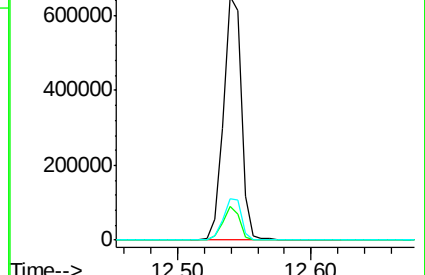
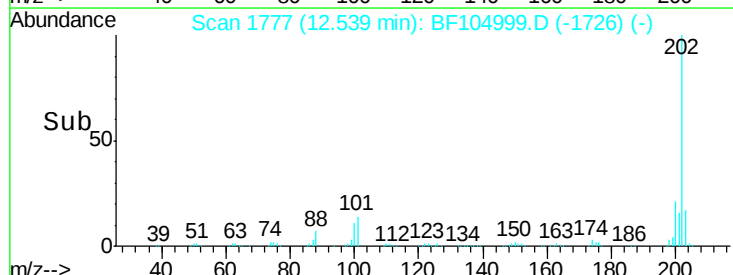
203 17.2 0.0 38.1

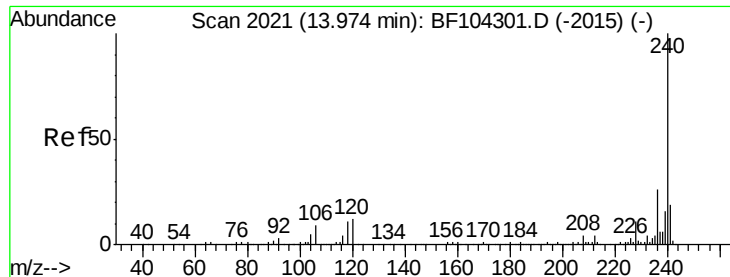


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.05 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

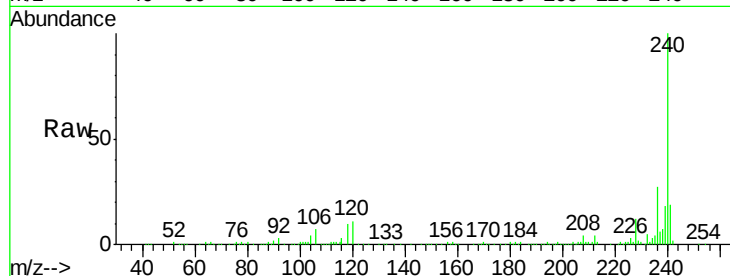
Tgt Ion:240 Resp: 231715

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

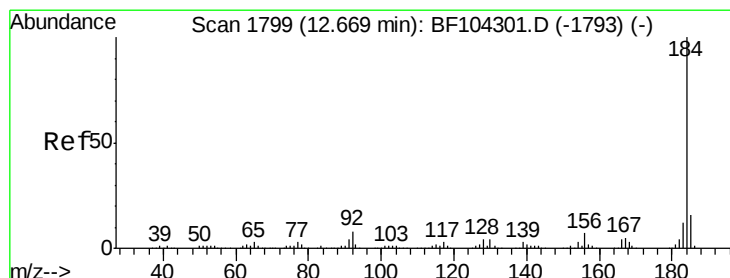
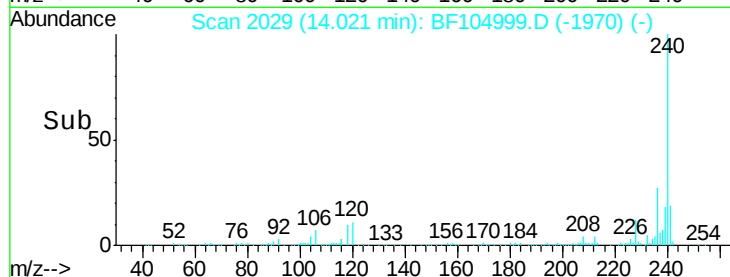
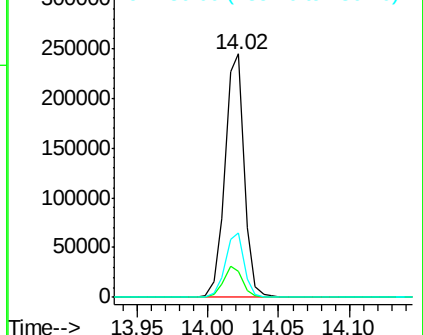
236 26.5 20.7 31.1



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: 32.193 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

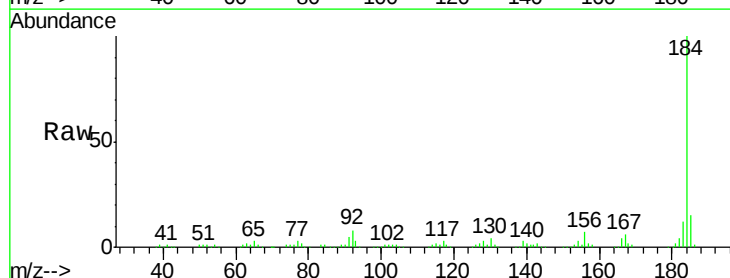
Tgt Ion:184 Resp: 268007

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

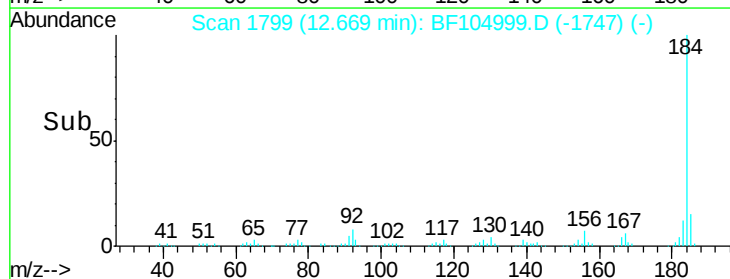
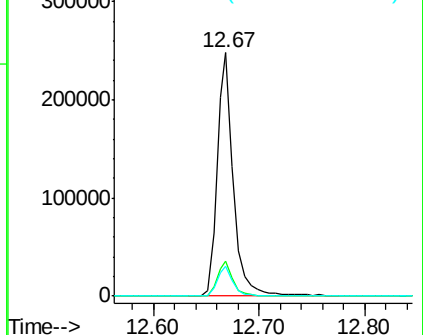
183 12.1 9.3 13.9

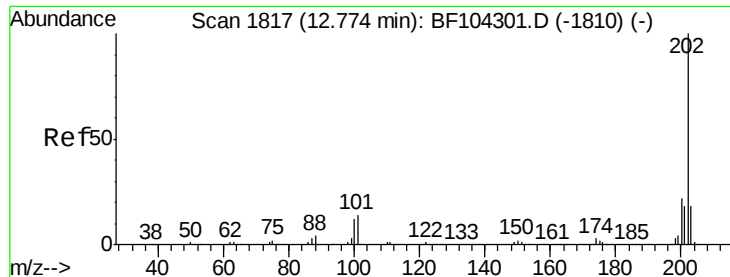


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

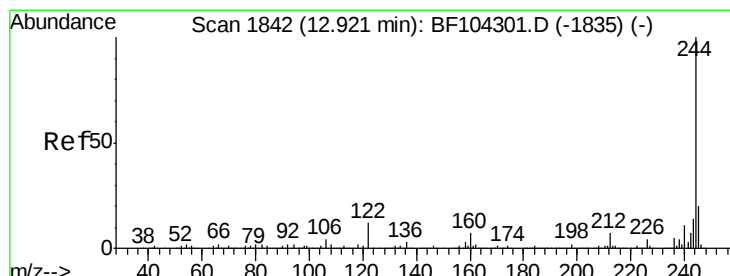
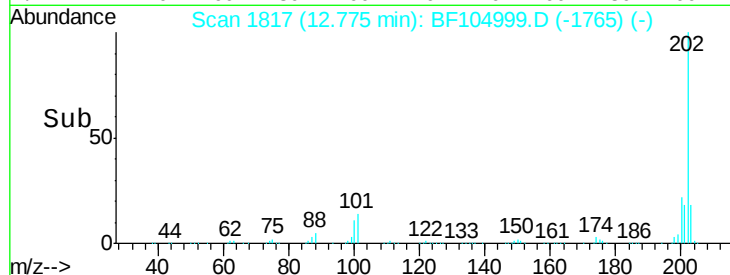
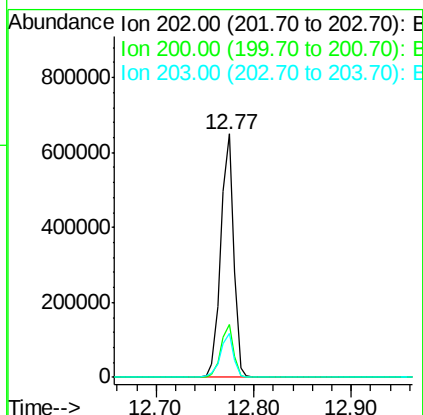
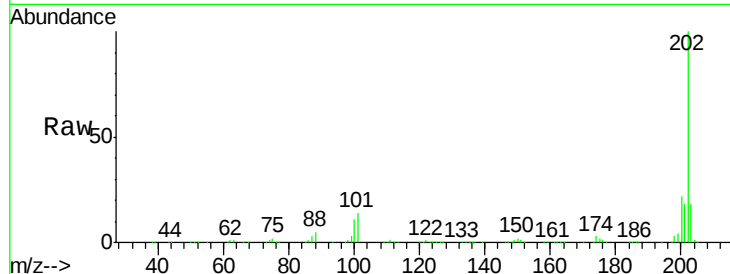




#77
 Pyrene
 Concen: 34.901 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

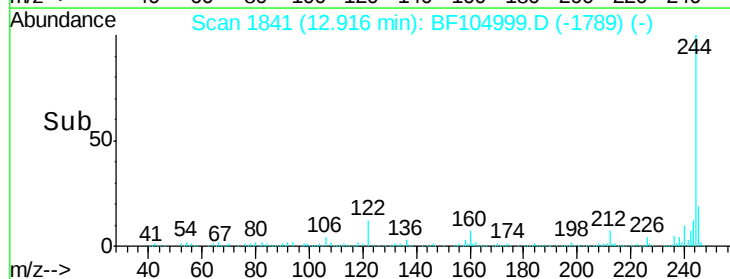
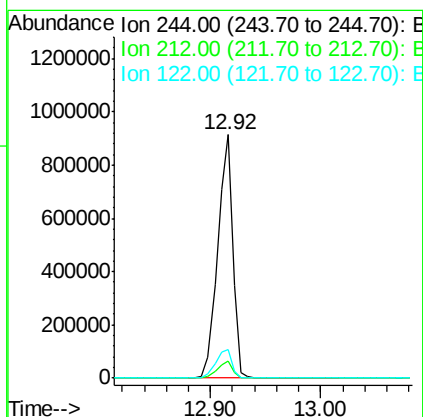
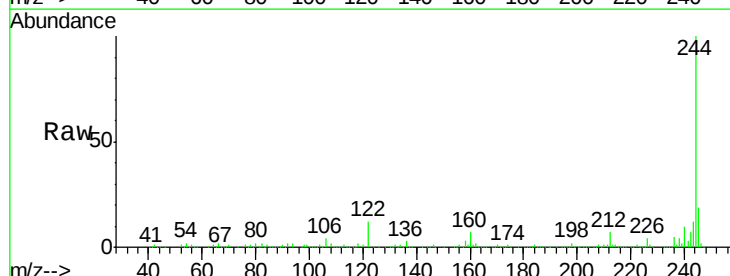
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5



#78
 Terphenyl-d14
 Concen: 84.909 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.8	11.0	16.4

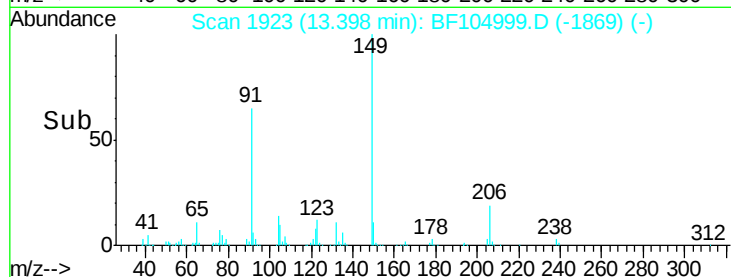
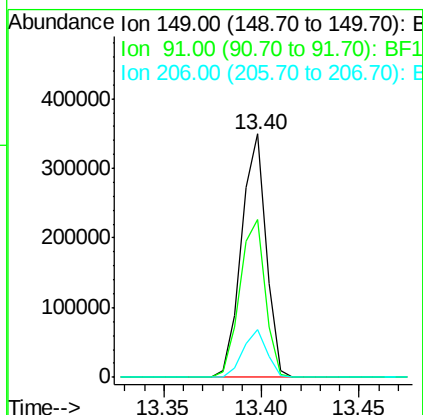
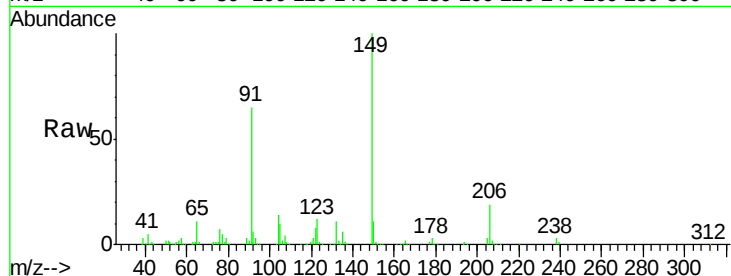




#79
Butylbenzylphthalate
Concen: 37.872 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.02 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

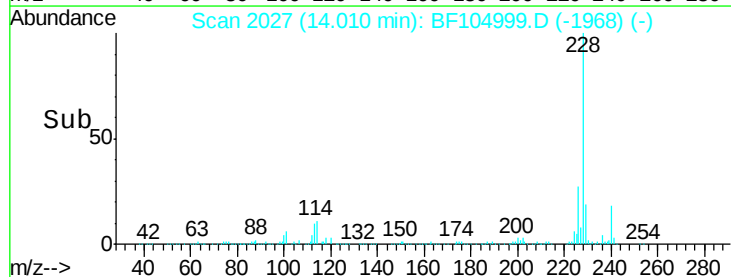
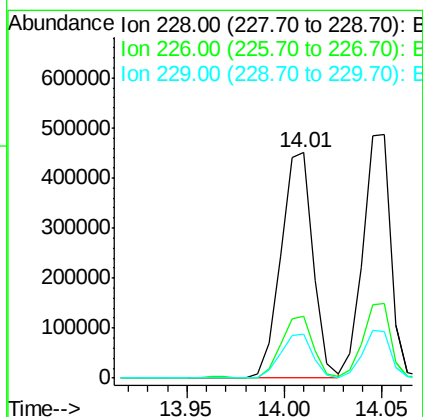
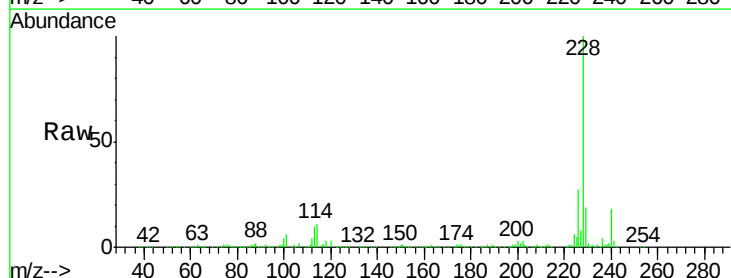
Instrument :
BNA_F
ClientSampleId :
PB108756BS

Tgt Ion:149 Resp: 306447
Ion Ratio Lower Upper
149 100
91 64.8 56.8 85.2
206 19.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.974 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.05 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion:228 Resp: 511826
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.5 15.8 23.6

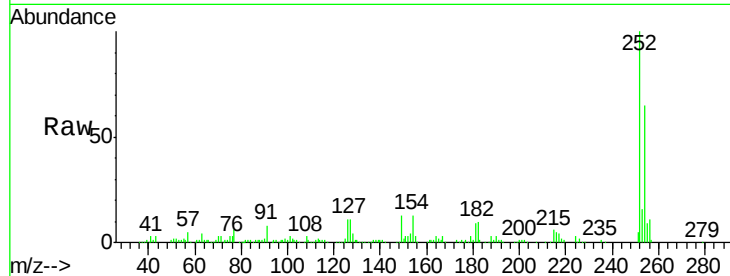




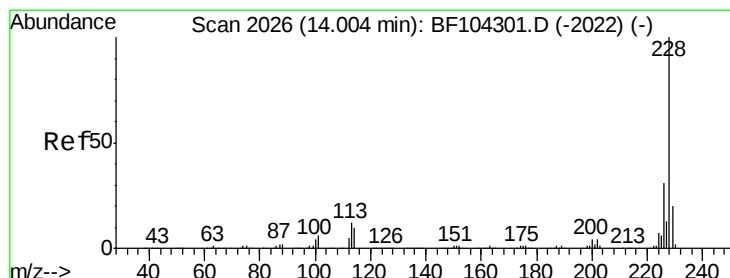
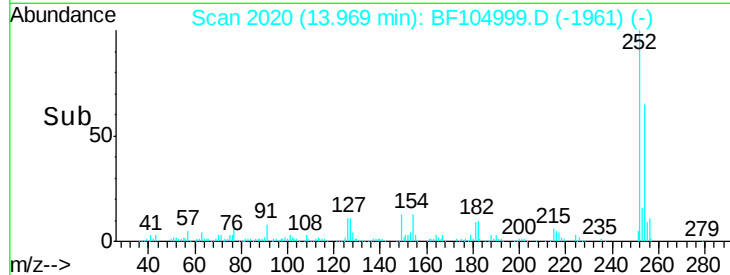
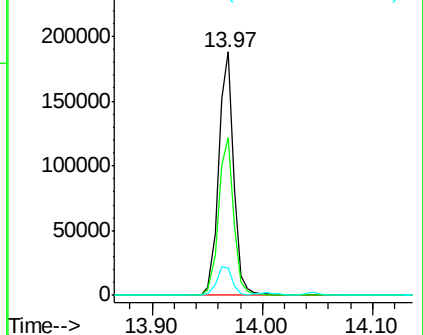
#81
 3,3'-Dichlorobenzidine
 Concen: 34.484 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.05 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

Tgt Ion:252 Resp: 177984
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.4 75.6
 126 11.3 11.3 16.9

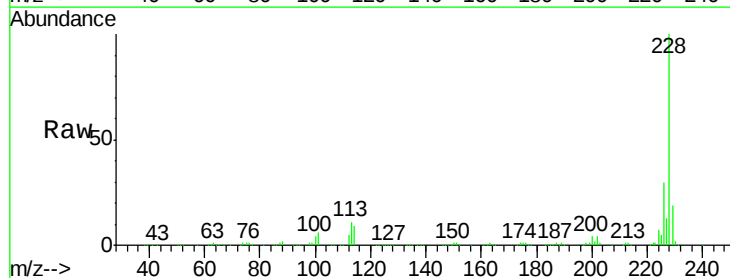


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

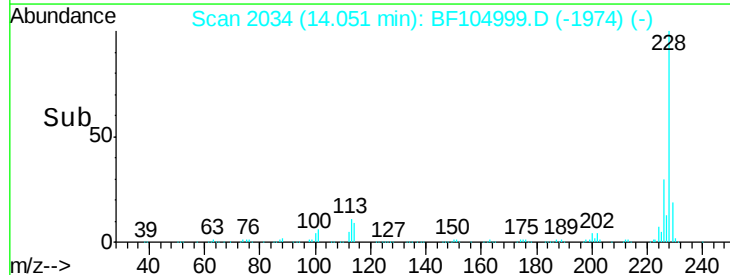
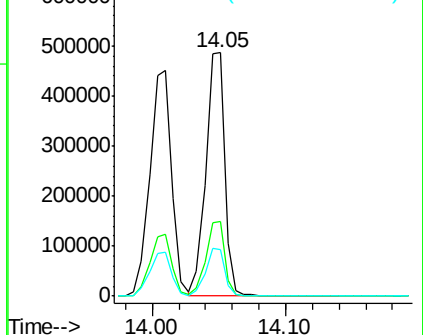


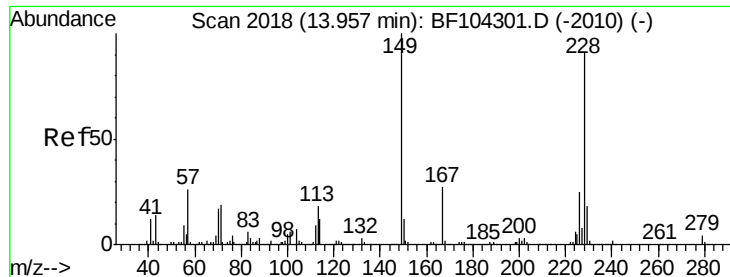
#82
 Chrysene
 Concen: 34.119 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.05 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion:228 Resp: 485130
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 19.2 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.303 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.05 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

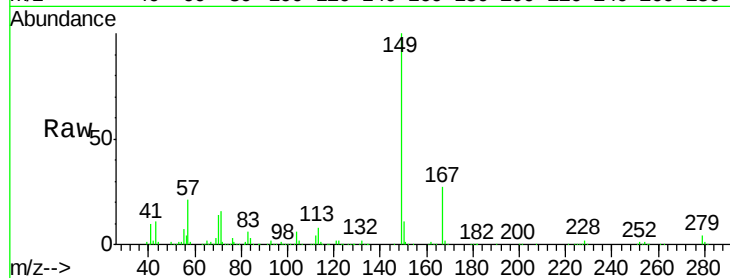
Tgt Ion:149 Resp: 419467

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

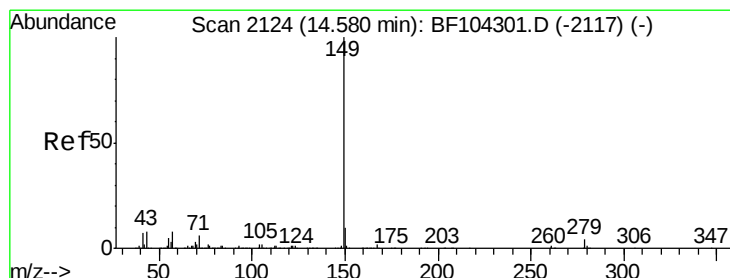
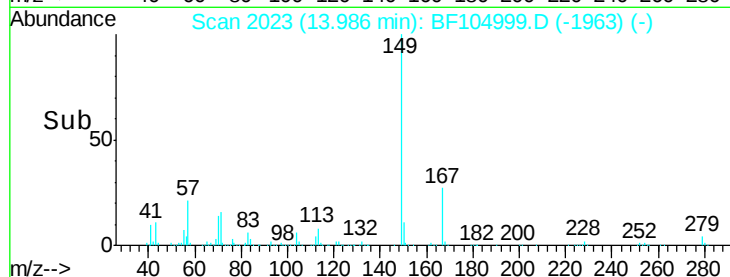
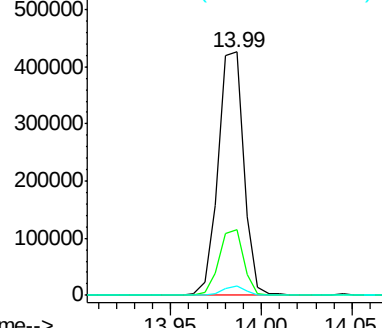
279 4.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.961 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.11 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

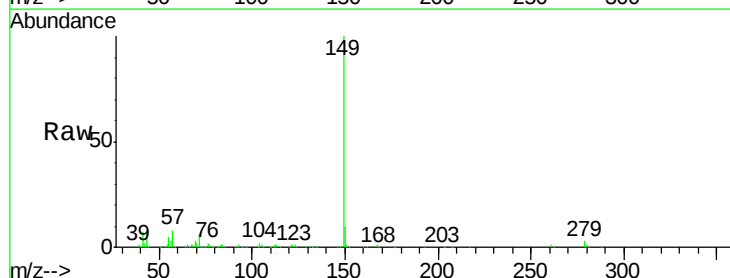
Tgt Ion:149 Resp: 660164

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

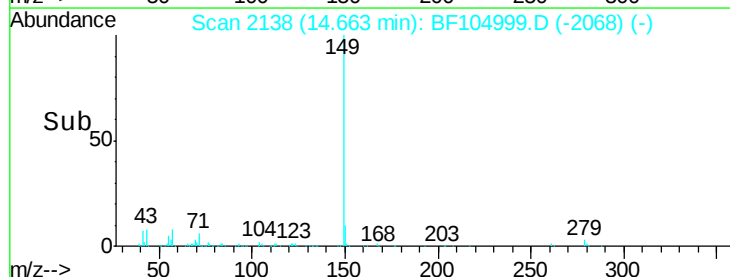
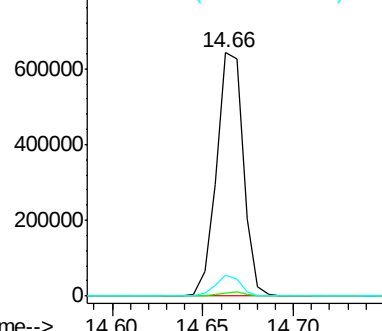
43 8.0 8.4 12.6#

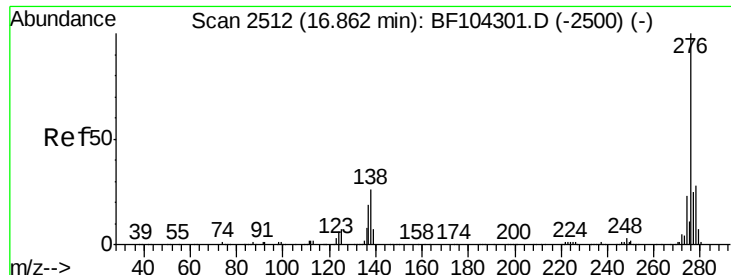


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

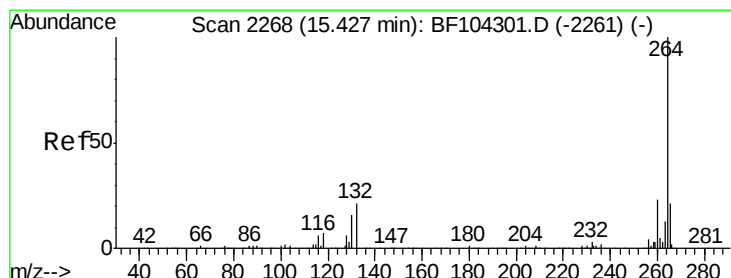
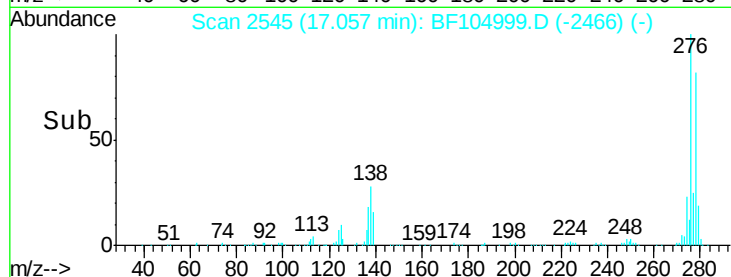
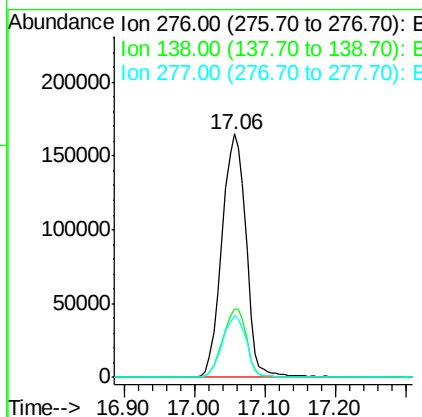
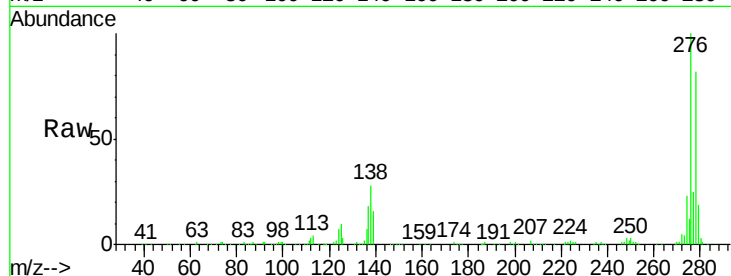




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.597 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. 0.16 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

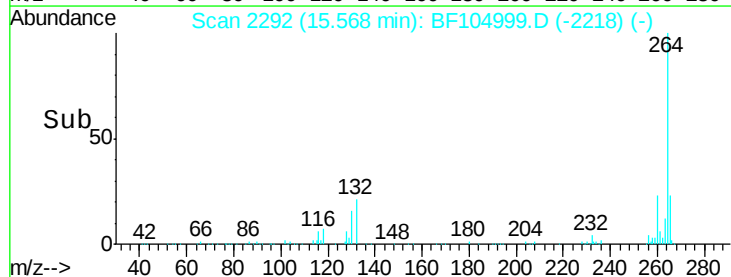
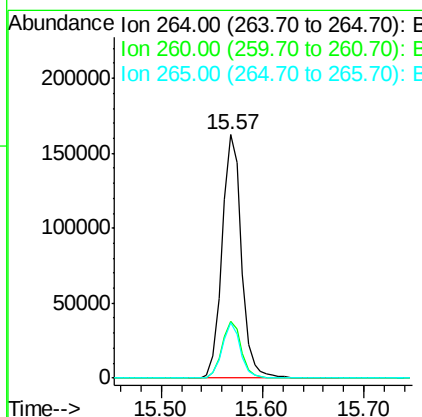
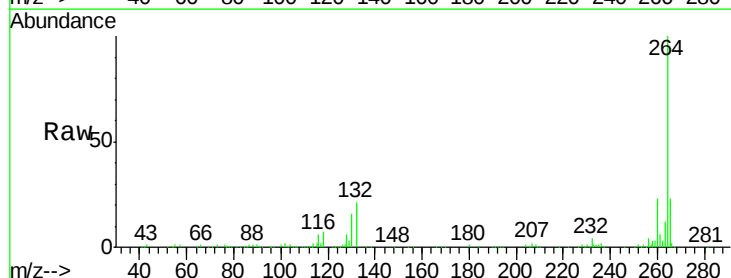
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BS

Tgt Ion: 276 Resp: 393723
 Ion Ratio Lower Upper
 276 100
 138 27.7 25.0 37.6
 277 25.1 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. 0.14 min
 Lab File: BF104999.D
 Acq: 1 May 2018 22:06

Tgt Ion: 264 Resp: 215721
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 22.6 17.5 26.3

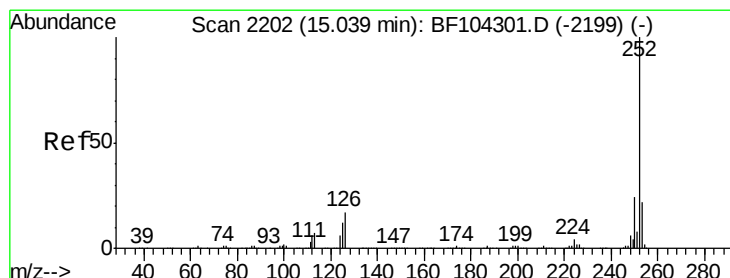
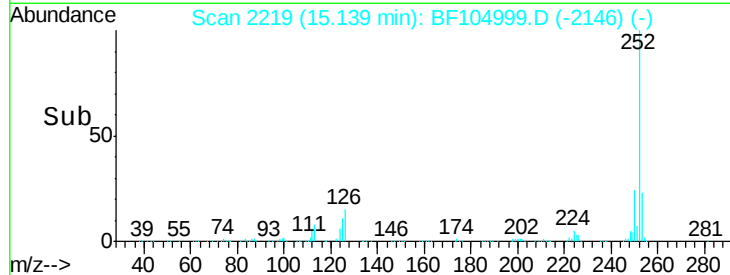
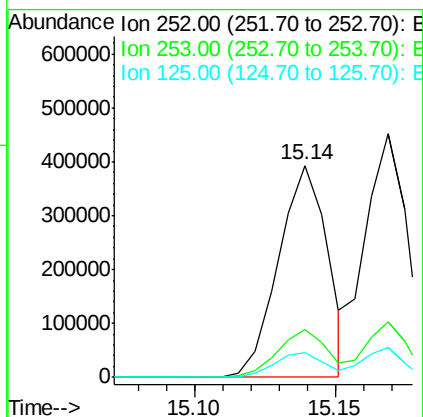
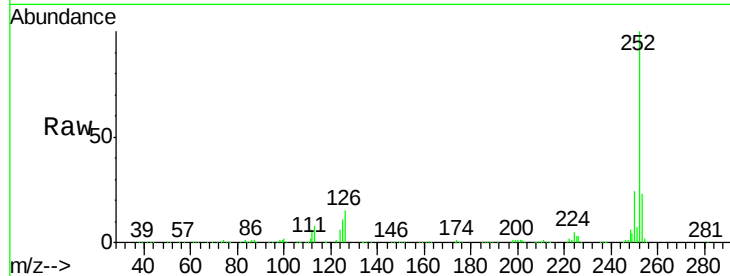




#87
Benzo(b)fluoranthene
Concen: 34.754 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.13 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

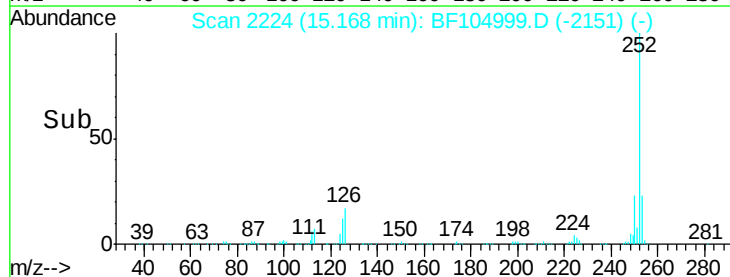
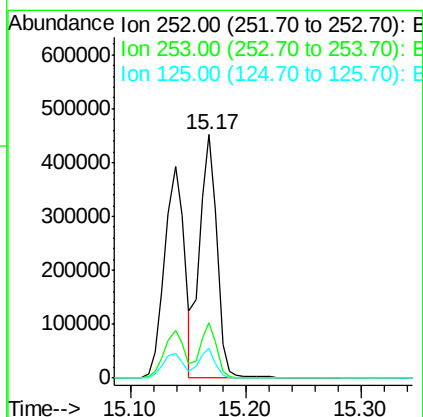
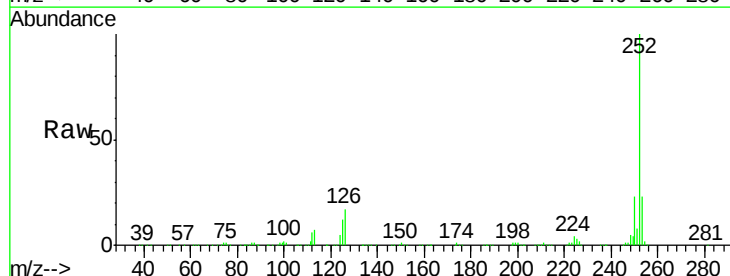
Instrument :
BNA_F
ClientSampleId :
PB108756BS

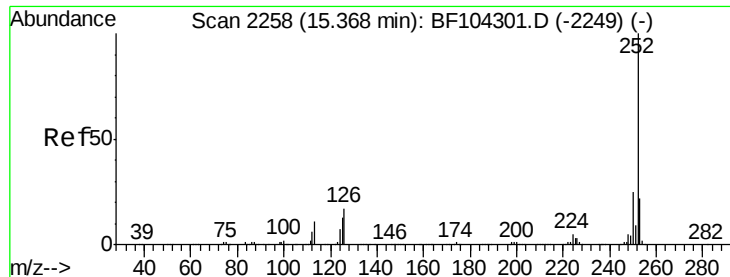
Tgt Ion:252 Resp: 473515
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 11.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.900 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.13 min
Lab File: BF104999.D
Acq: 1 May 2018 22:06

Tgt Ion:252 Resp: 474638
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 36.088 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.14 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

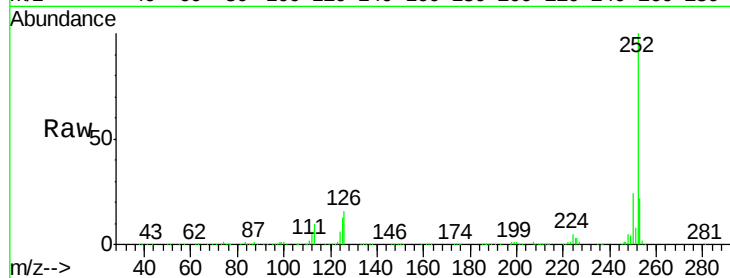
Tgt Ion:252 Resp: 439930

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

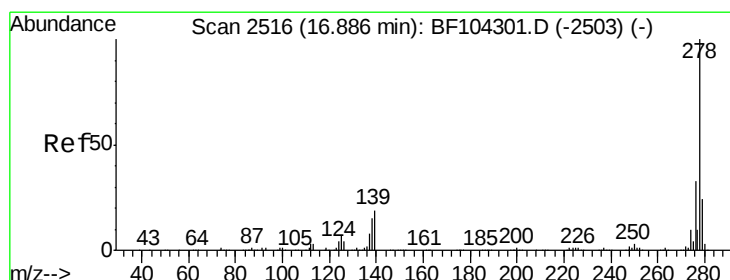
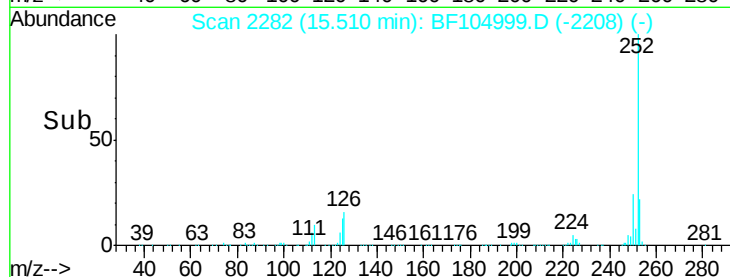
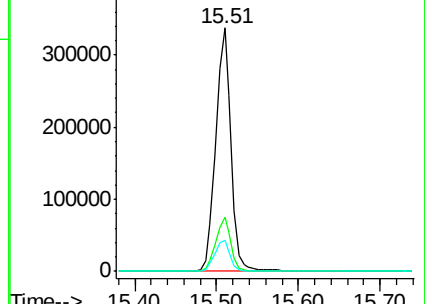
125 12.6 9.8 14.6



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: 34.200 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.16 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

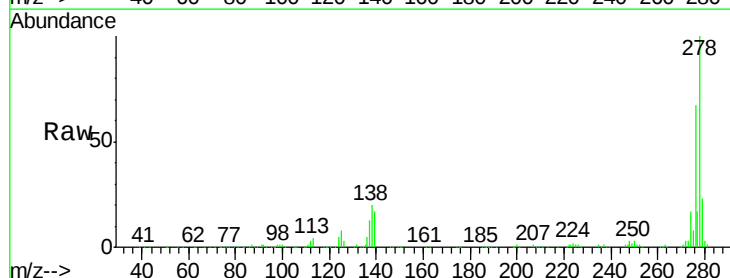
Tgt Ion:278 Resp: 342413

Ion Ratio Lower Upper

278 100

139 17.2 15.9 23.9

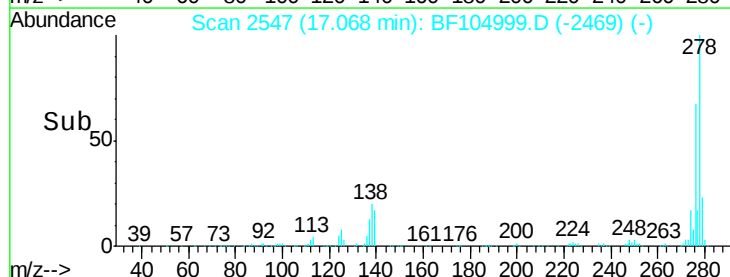
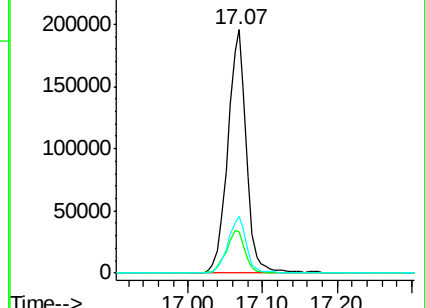
279 23.5 19.0 28.4

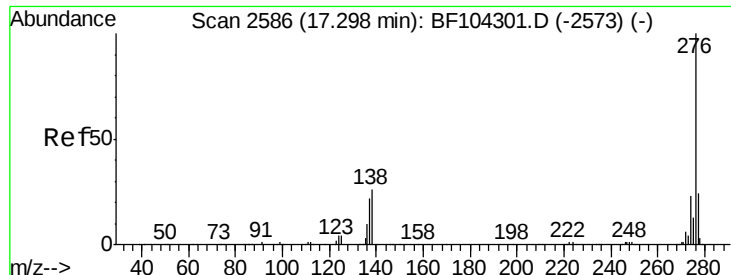


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.905 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.16 min

Lab File: BF104999.D

Acq: 1 May 2018 22:06

Instrument :

BNA_F

ClientSampleId :

PB108756BS

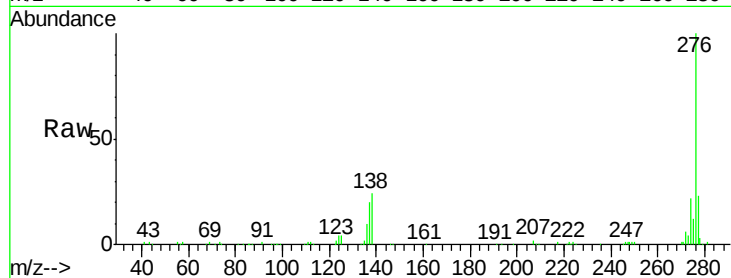
Tgt Ion:276 Resp: 309484

Ion Ratio Lower Upper

276 100

277 22.5 17.9 26.9

138 24.2 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

