

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105000.D
 Acq On : 1 May 2018 22:33
 Operator : JU/SJ
 Sample : PB108756BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Quant Time: May 02 06:56:20 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	118908	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	498517	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	227504	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	373194	20.00	ng	0.00
75) Chrysene-d12	14.01	240	225000	20.00	ng	0.04
86) Perylene-d12	15.56	264	210181	20.00	ng	0.12

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	687044	88.35	ng	0.01
7) Phenol-d6	6.43	99	837611	87.66	ng	0.00
23) Nitrobenzene-d5	7.36	82	512200	67.09	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	199756	84.64	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	961309	66.75	ng	0.00
78) Terphenyl-d14	12.91	244	739483	74.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	89714	24.759	ng	# 86
3) Pyridine	3.31	79	249446	24.485	ng	86
4) n-Nitrosodimethylamine	3.28	42	95485	26.812	ng	79
6) Aniline	6.45	93	102913	7.752	ng	# 1
8) 2-Chlorophenol	6.58	128	262704	32.006	ng	91
9) Benzaldehyde	6.34	77	83370	13.497	ng	96
10) Phenol	6.45	94	306832	30.265	ng	96
11) bis(2-Chloroethyl)ether	6.53	93	235578	29.119	ng	93
12) 1,3-Dichlorobenzene	6.73	146	276566	29.743	ng	98
13) 1,4-Dichlorobenzene	6.80	146	282631	30.491	ng	99
14) 1,2-Dichlorobenzene	6.96	146	262509	30.561	ng	99
15) Benzyl Alcohol	6.94	79	202457	27.897	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	270039	24.854	ng	61
17) 2-Methylphenol	7.05	107	213403	29.910	ng	95
18) Hexachloroethane	7.30	117	94093	28.471	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	167733	26.864	ng	93
20) 3+4-Methylphenols	7.21	107	278423	31.465	ng	# 85
22) Acetophenone	7.20	105	350623	28.568	ng	# 98
24) Nitrobenzene	7.38	77	262764	31.174	ng	94
25) Isophorone	7.62	82	471595	29.211	ng	99
26) 2-Nitrophenol	7.69	139	139083	40.532	ng	95
27) 2,4-Dimethylphenol	7.73	122	228898	32.126	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	308219	31.226	ng	98
29) 2,4-Dichlorophenol	7.94	162	222035	32.661	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	227015	30.428	ng	98
31) Naphthalene	8.10	128	747526	30.114	ng	100
32) Benzoic acid	7.86	122	108983	19.171	ng	97
33) 4-Chloroaniline	8.15	127	56282	5.292	ng	98
34) Hexachlorobutadiene	8.20	225	122523	29.982	ng	98
35) Caprolactam	8.53	113	71062	29.964	ng	# 76
36) 4-Chloro-3-methylphenol	8.65	107	228033	31.282	ng	99
37) 2-Methylnaphthalene	8.79	142	490292	30.534	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	217126	33.340	ng	98
40) Hexachlorocyclopentadiene	8.93	237	43507	11.933	ng	98

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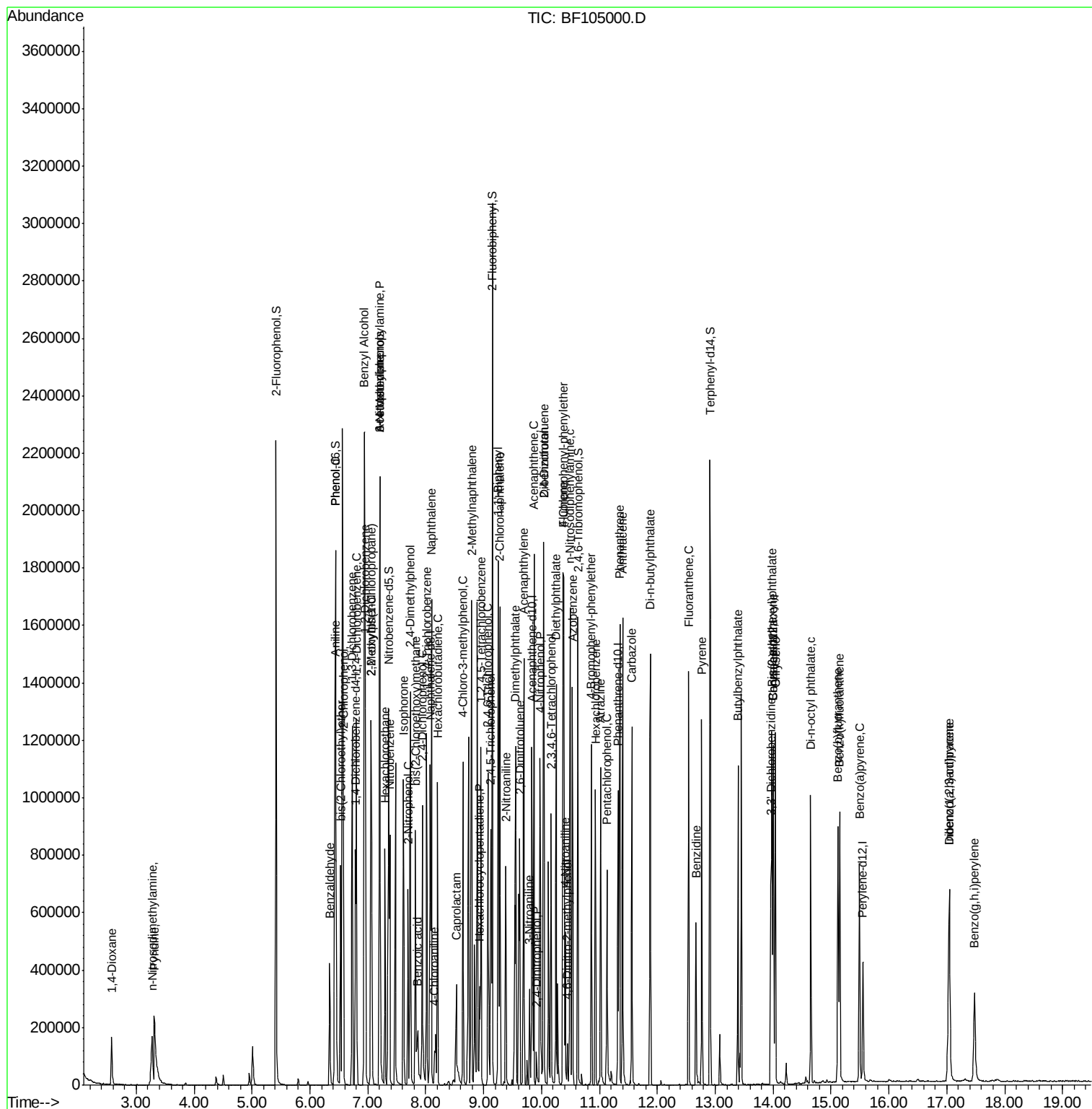
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	141661	31.335	ng	97
43) 2,4,5-Trichlorophenol	9.12	196	148687	29.391	ng	93
45) 1,1'-Biphenyl	9.25	154	588207	30.777	ng	99
46) 2-Chloronaphthalene	9.28	162	456483	30.239	ng	99
47) 2-Nitroaniline	9.39	65	133312	35.710	ng	86
48) Acenaphthylene	9.70	152	678158	28.632	ng	99
49) Dimethylphthalate	9.55	163	550157	30.666	ng	100
50) 2,6-Dinitrotoluene	9.63	165	119862	36.107	ng	# 85
51) Acenaphthene	9.87	154	398937	27.606	ng	99
52) 3-Nitroaniline	9.79	138	53466	13.757	ng	97
53) 2,4-Dinitrophenol	9.91	184	20501	24.703	ng	# 21
54) Dibenzofuran	10.04	168	587404	29.167	ng	98
55) 4-Nitrophenol	9.97	139	144273	47.258	ng	97
56) 2,4-Dinitrotoluene	10.03	165	143835	33.032	ng	98
57) Fluorene	10.38	166	469520	32.030	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	110200	29.198	ng	92
59) Diethylphthalate	10.25	149	528612	29.585	ng	99
60) 4-Chlorophenyl-phenylether	10.37	204	220952	33.846	ng	93
61) 4-Nitroaniline	10.41	138	103792	27.314	ng	96
62) Azobenzene	10.53	77	461590	27.040	ng	93
64) 4,6-Dinitro-2-methylphenol	10.45	198	20329	16.820	ng	# 79
65) n-Nitrosodiphenylamine	10.49	169	422050	32.617	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	133708	33.683	ng	93
67) Hexachlorobenzene	10.93	284	143041	32.024	ng	# 86
68) Atrazine	11.02	200	134574	34.455	ng	100
69) Pentachlorophenol	11.13	266	96230	34.825	ng	98
70) Phenanthrene	11.35	178	618154	29.743	ng	99
71) Anthracene	11.40	178	638938	30.244	ng	99
72) Carbazole	11.56	167	567907	27.510	ng	99
73) Di-n-butylphthalate	11.88	149	776090	30.776	ng	99
74) Fluoranthene	12.54	202	548494	25.260	ng	98
76) Benzidine	12.67	184	254414	31.230	ng	98
77) Pyrene	12.77	202	528667	31.699	ng	99
79) Butylbenzylphthalate	13.39	149	261959	33.340	ng	98
80) Benzo(a)anthracene	14.00	228	445792	33.165	ng	98
81) 3,3'-Dichlorobenzidine	13.96	252	143790	28.690	ng	# 98
82) Chrysene	14.04	228	418292	30.296	ng	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	371623	36.772	ng	98
84) Di-n-octyl phthalate	14.65	149	571275	33.830	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.04	276	351022	29.929	ng	96
87) Benzo(b)fluoranthene	15.12	252	433861	32.683	ng	99
88) Benzo(k)fluoranthene	15.15	252	379900	30.313	ng	99
89) Benzo(a)pyrene	15.49	252	384609	32.381	ng	99
90) Dibenzo(a,h)anthracene	17.05	278	303459	31.108	ng	97
91) Benzo(g,h,i)perylene	17.48	276	276075	29.211	ng	96

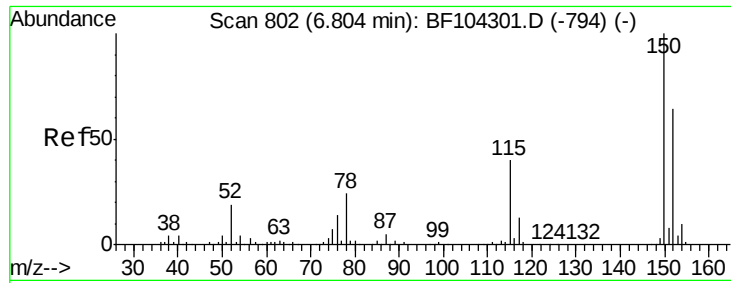
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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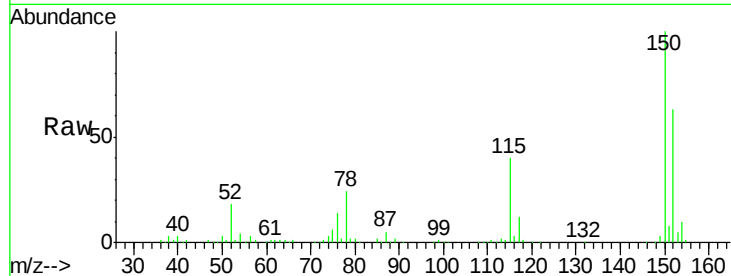


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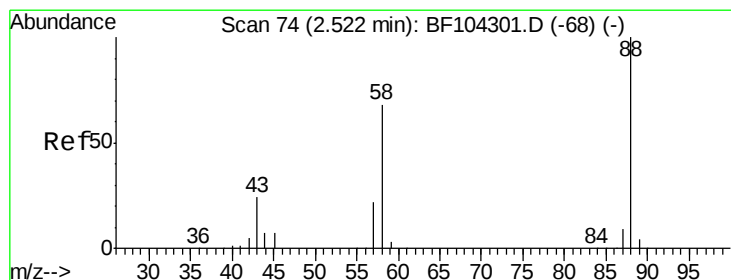
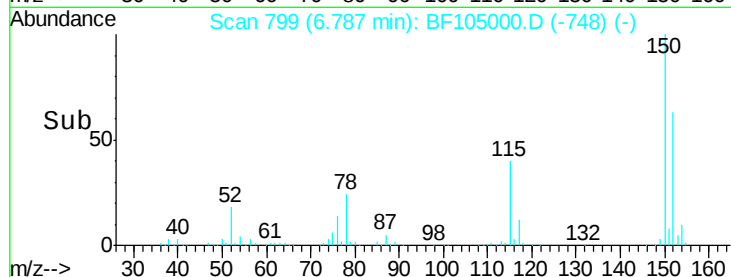
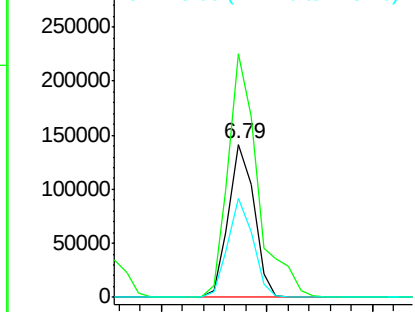
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tgt Ion: 152 Resp: 118908
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 64.3 50.1 75.1



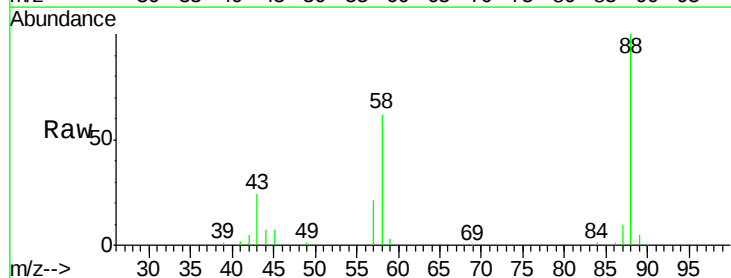
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



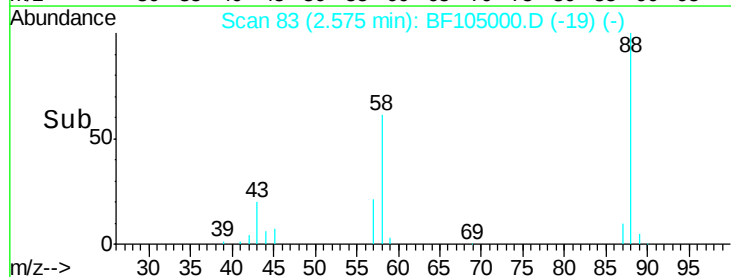
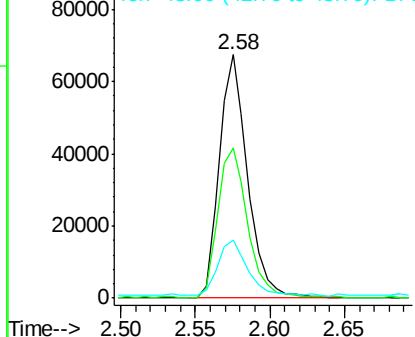
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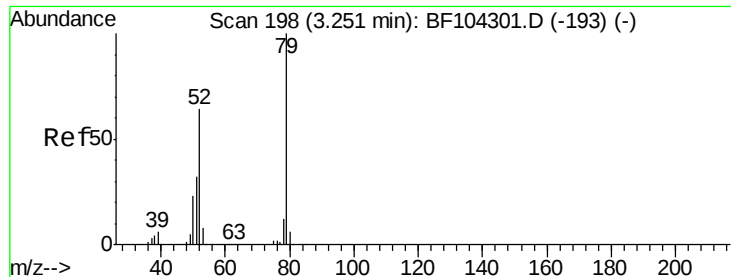
1,4-Dioxane
Concen: 24.759 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.08 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion: 88 Resp: 89714
Ion Ratio Lower Upper
88 100
58 64.8 62.6 93.8
43 24.4 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

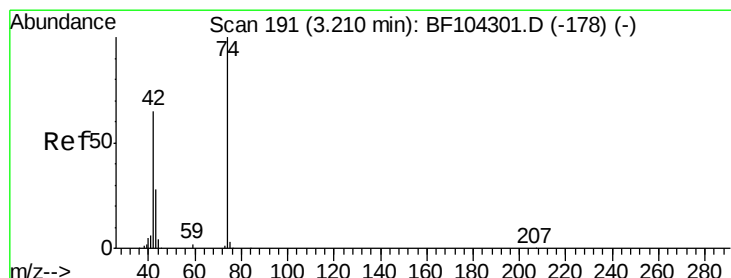
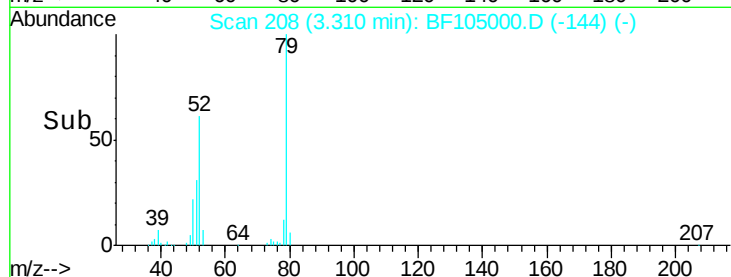
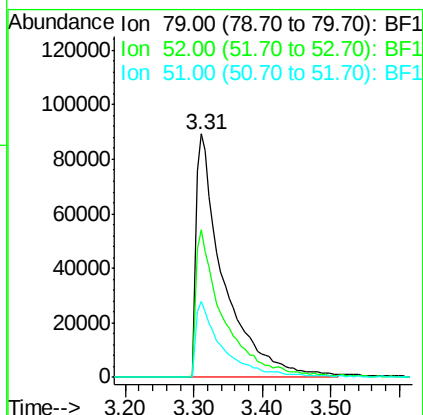
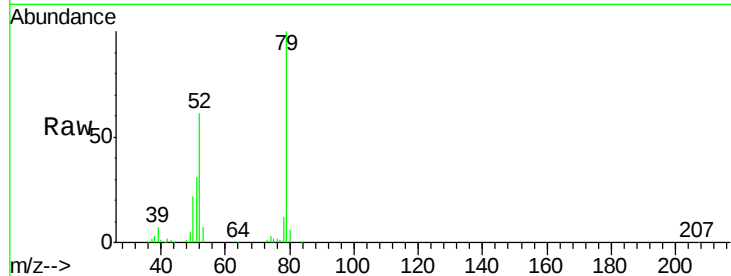




#3
 Pyridine
 Concen: 24.485 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.08 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

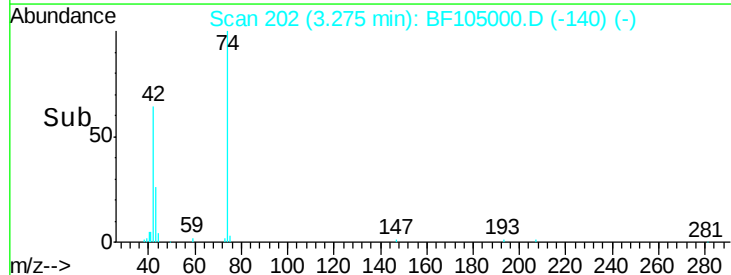
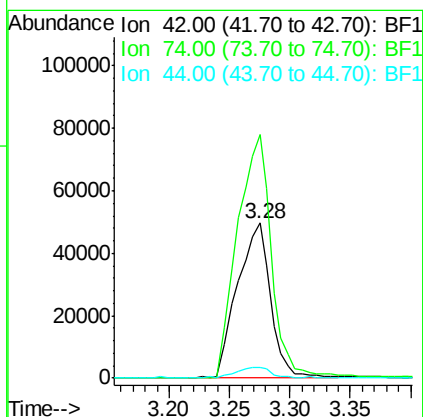
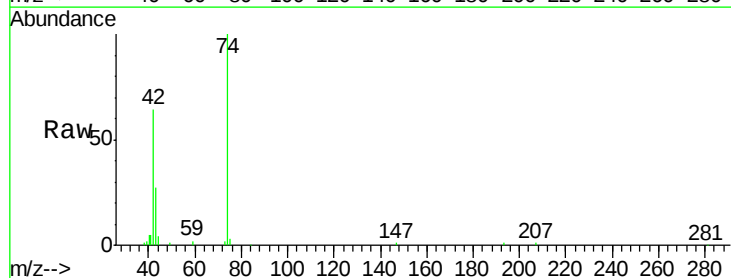
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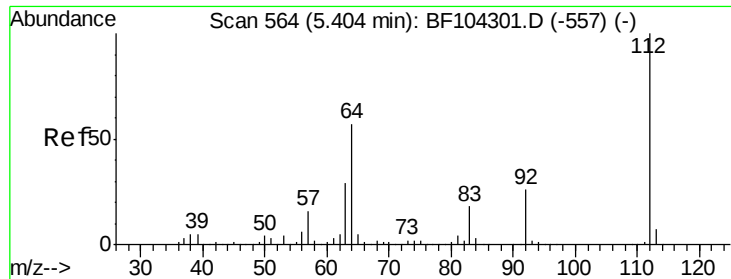
Tgt Ion: 79 Resp: 249446
 Ion Ratio Lower Upper
 79 100
 52 60.7 59.8 89.6
 51 31.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 26.812 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.06 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion: 42 Resp: 95485
 Ion Ratio Lower Upper
 42 100
 74 157.3 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 88.348 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

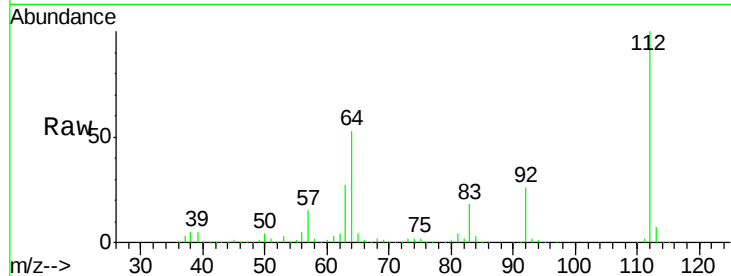
Tgt Ion: 112 Resp: 687044

Ion Ratio Lower Upper

112 100

64 52.8 47.9 71.9

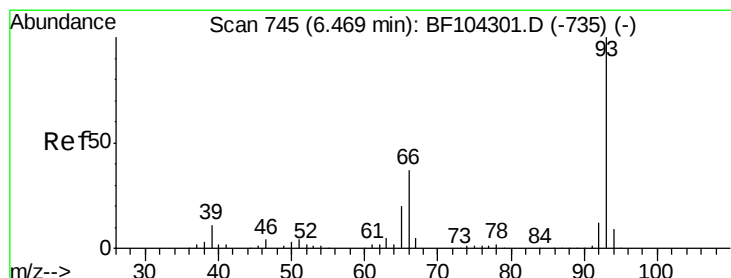
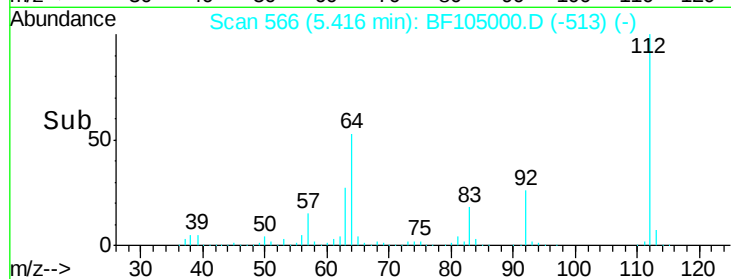
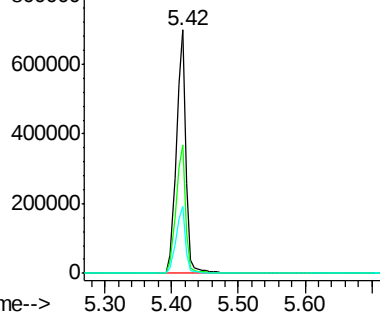
63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.752 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

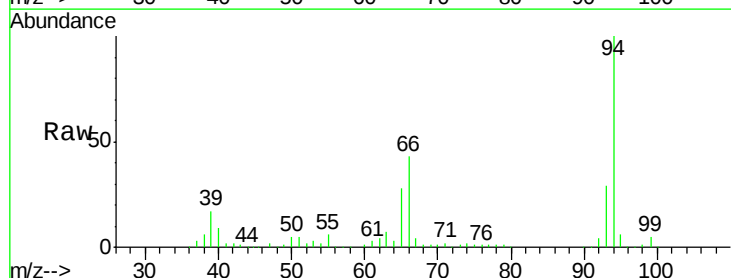
Tgt Ion: 93 Resp: 102913

Ion Ratio Lower Upper

93 100

66 145.6 32.2 48.2#

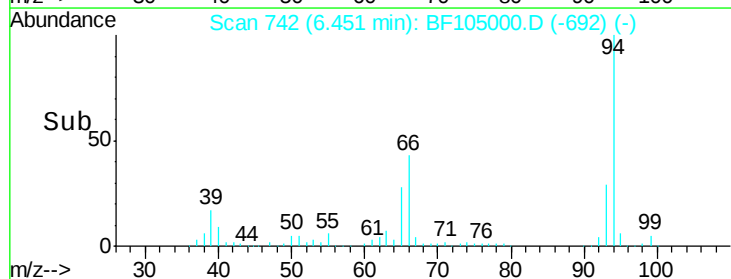
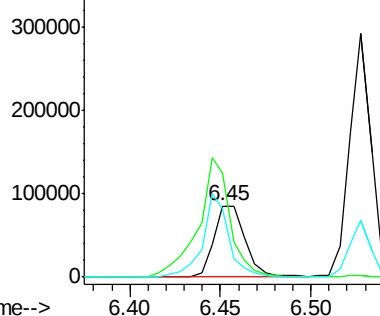
65 96.8 16.4 24.6#

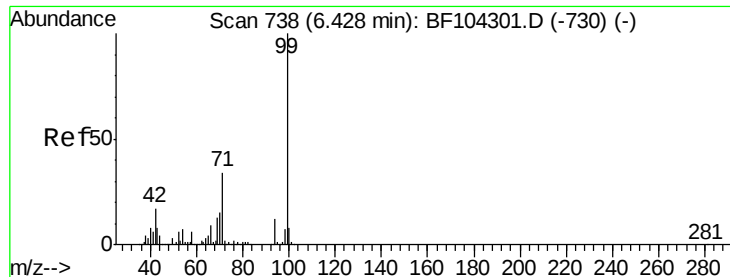


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.663 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

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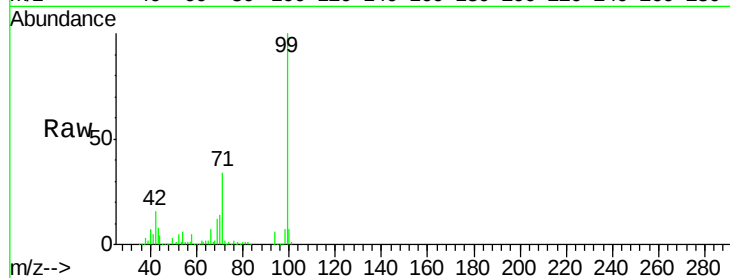
Tgt Ion: 99 Resp: 837611

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

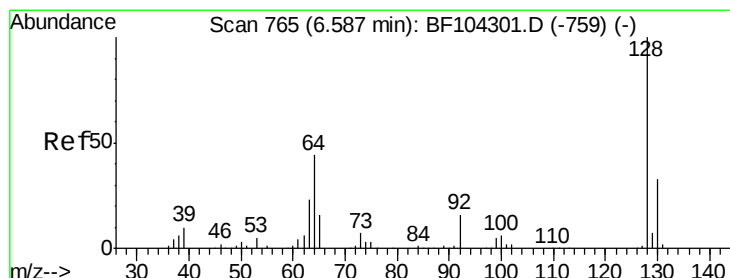
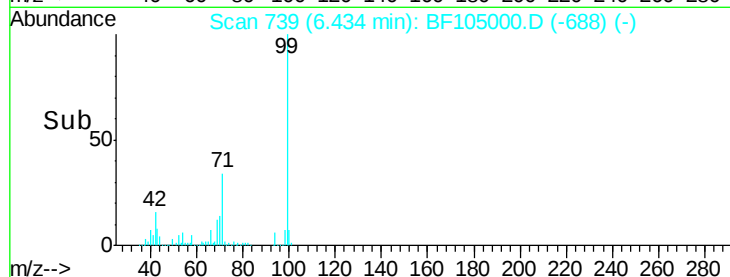
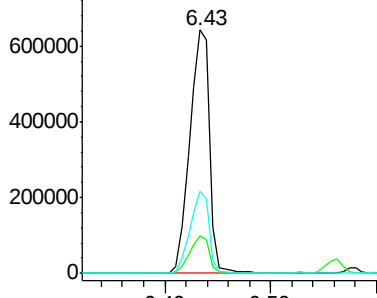
71 34.0 25.4 38.0



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: 32.006 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

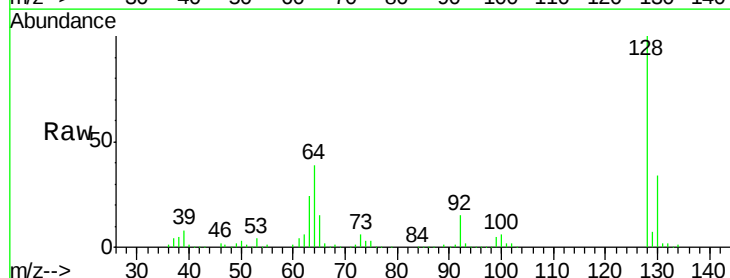
Tgt Ion: 128 Resp: 262704

Ion Ratio Lower Upper

128 100

130 33.9 13.0 53.0

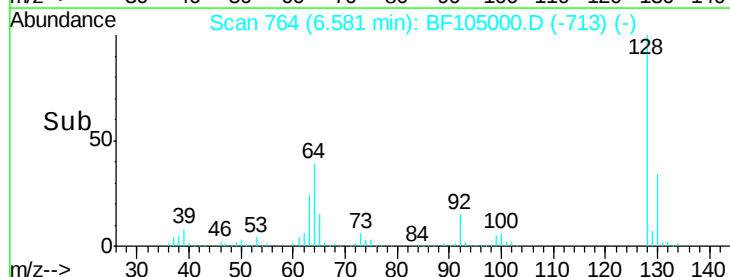
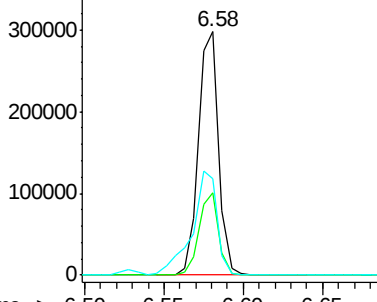
64 39.3 29.4 69.4

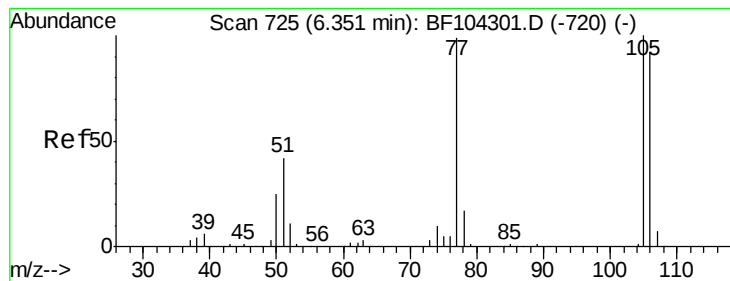


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.497 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

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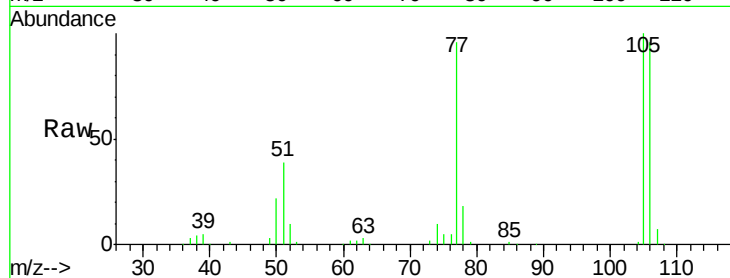
Tgt Ion: 77 Resp: 83370

Ion Ratio Lower Upper

77 100

105 104.2 81.1 121.1

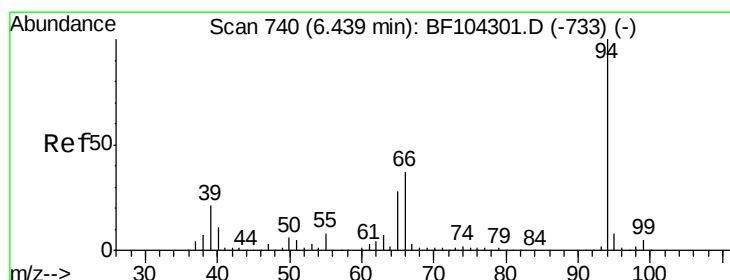
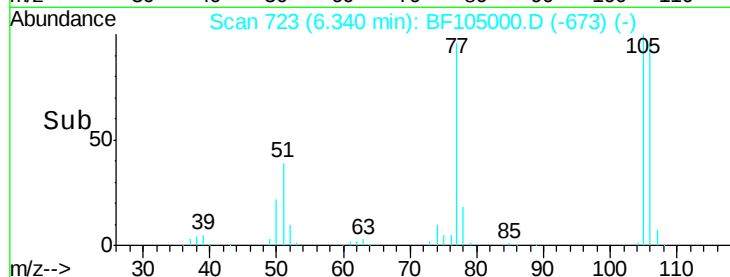
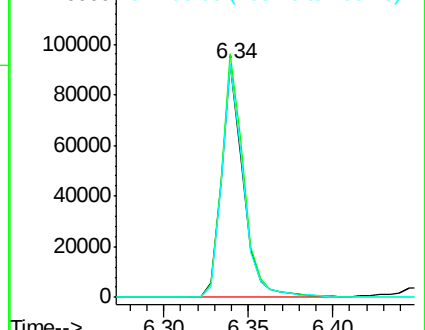
106 99.7 74.5 114.5



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: 30.265 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

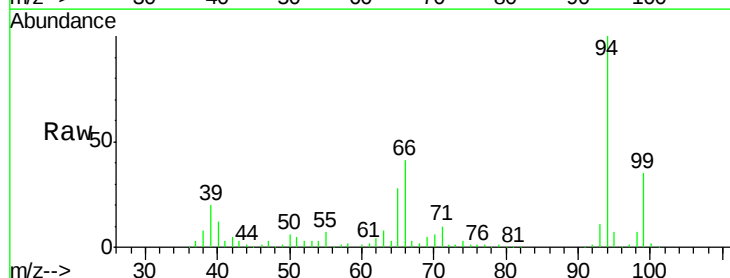
Tgt Ion: 94 Resp: 306832

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

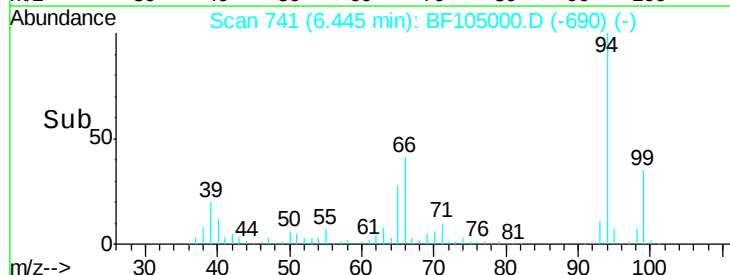
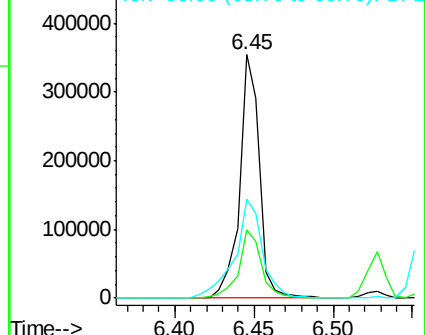
66 40.6 16.2 56.2

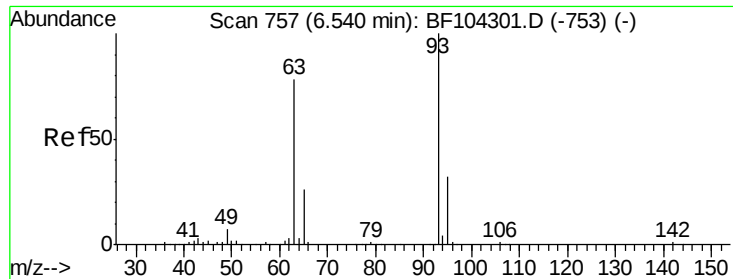


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

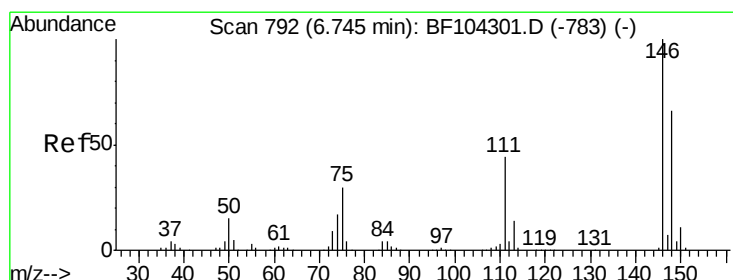
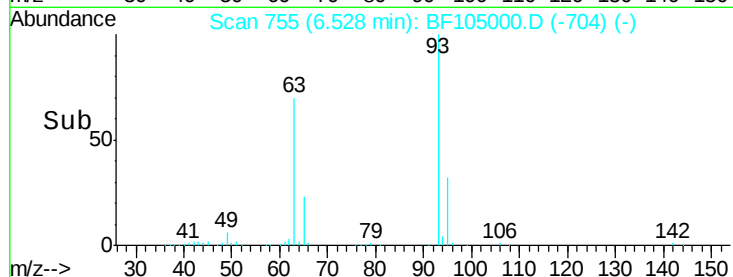
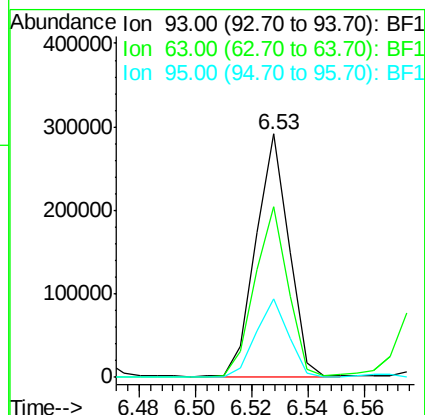
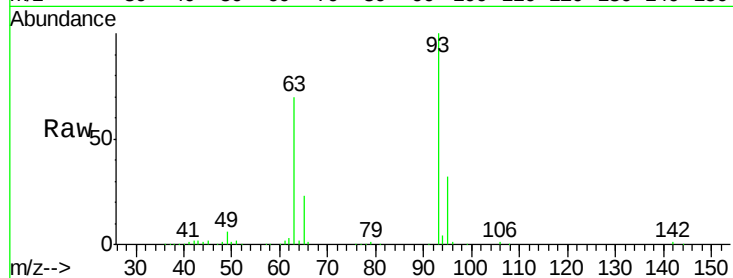




#11
bis(2-Chloroethyl)ether
Concen: 29.119 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

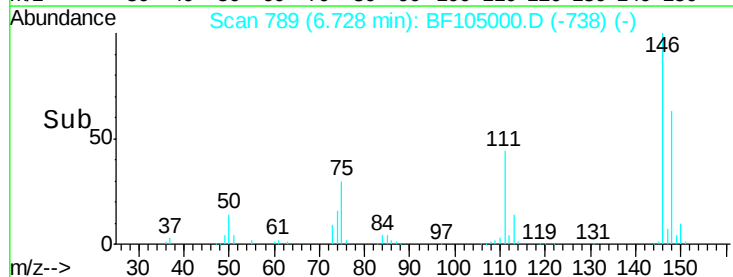
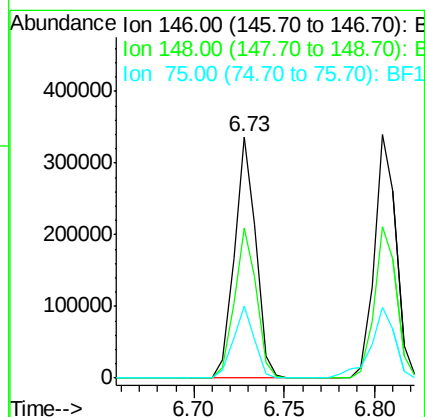
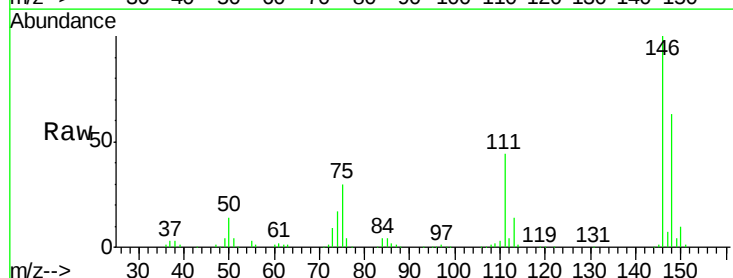
Instrument :
BNA_F
ClientSampleId :
PB108756BSD

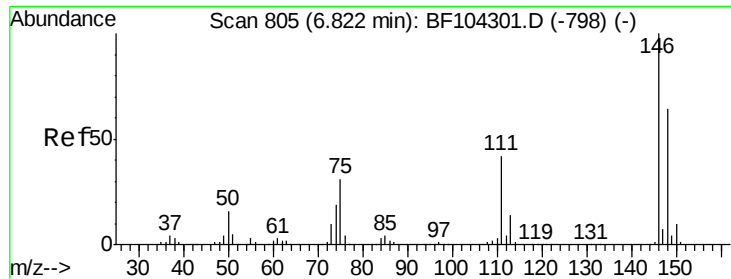
Tgt Ion:	93	Resp:	235578
Ion	Ratio	Lower	Upper
93	100		
63	70.3	58.6	98.6
95	32.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 29.743 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion:	146	Resp:	276566
Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.8
75	29.7	24.2	36.4

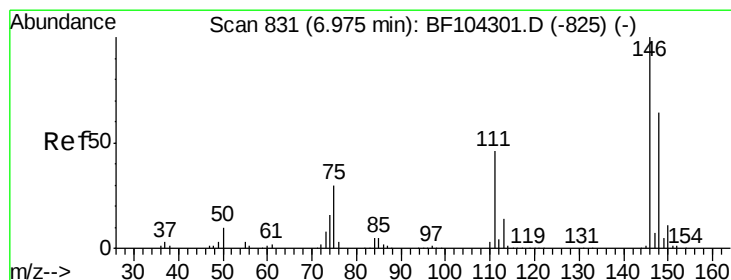
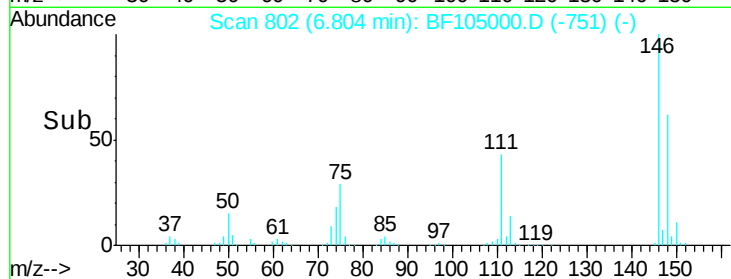
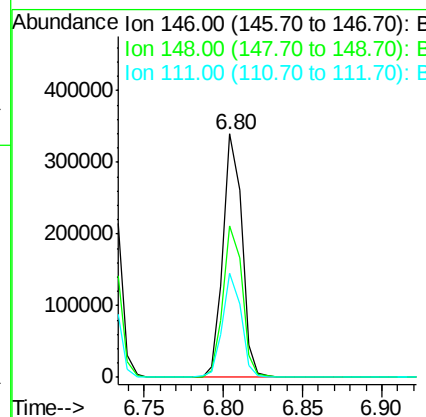
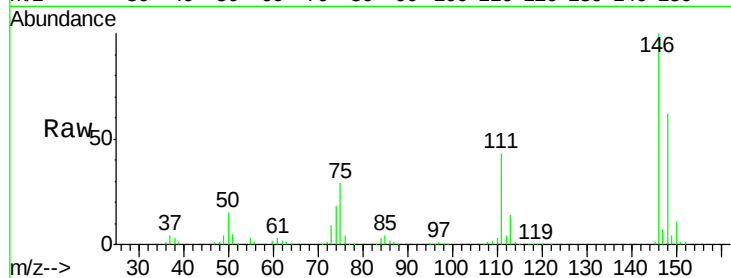




#13
 1,4-Dichlorobenzene
 Concen: 30.491 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

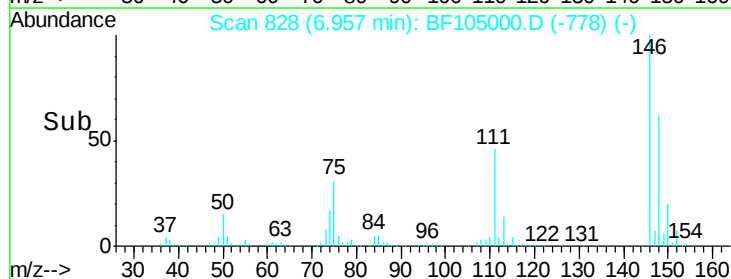
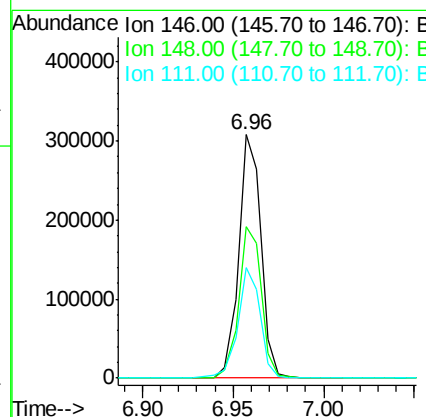
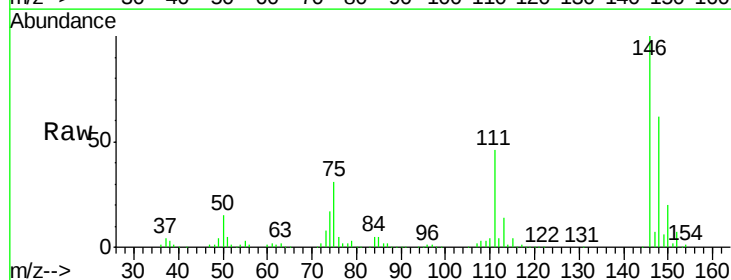
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

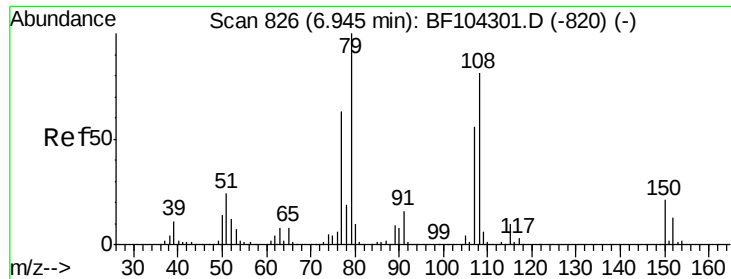
Tgt Ion:146 Resp: 282631
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.8 76.2
 111 42.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 30.561 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion:146 Resp: 262509
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.6 75.8
 111 45.5 36.0 54.0





#15

Benzyl Alcohol

Concen: 27.897 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

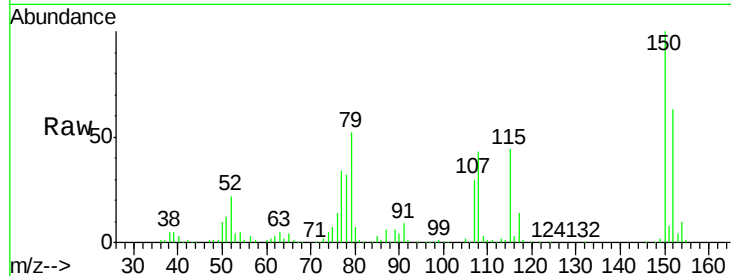
Tgt Ion: 79 Resp: 202457

Ion Ratio Lower Upper

79 100

108 82.4 65.1 97.7

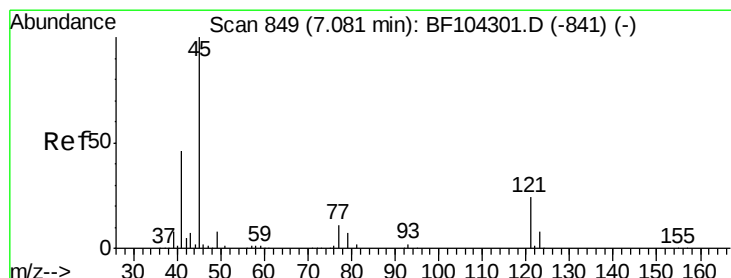
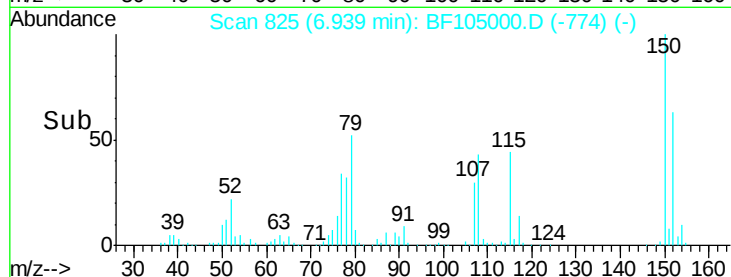
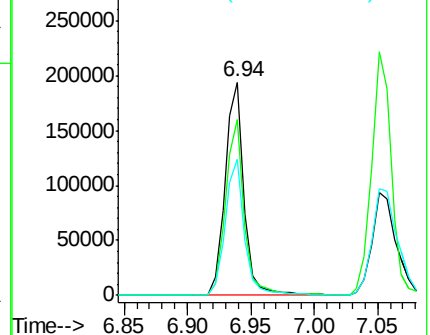
77 64.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.854 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

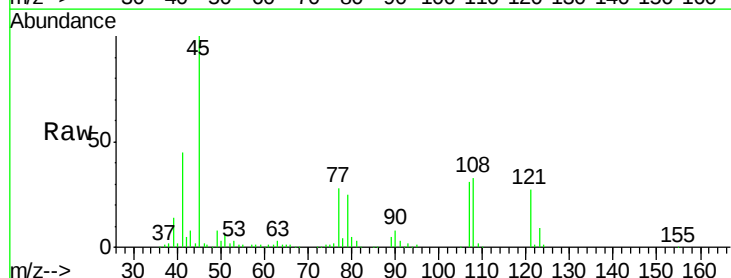
Tgt Ion: 45 Resp: 270039

Ion Ratio Lower Upper

45 100

77 28.0 0.0 32.9

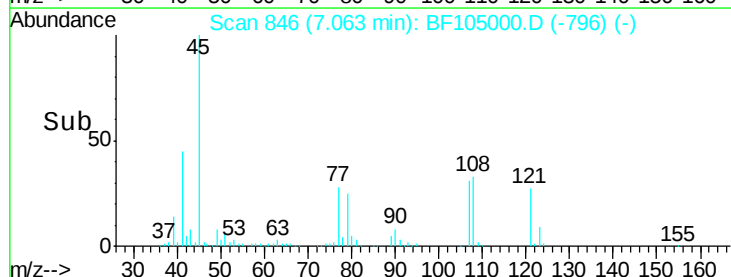
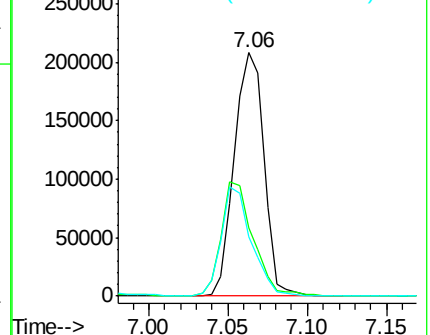
79 24.5 0.0 29.6

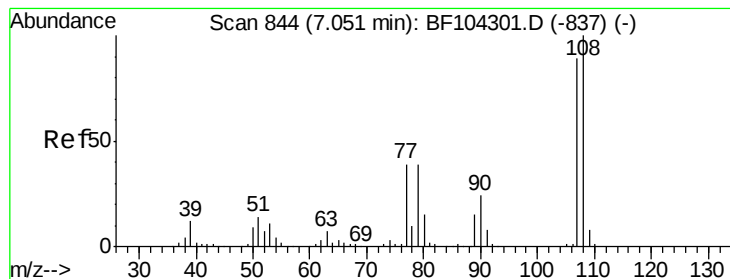


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 29.910 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

Tgt Ion:107 Resp: 213403

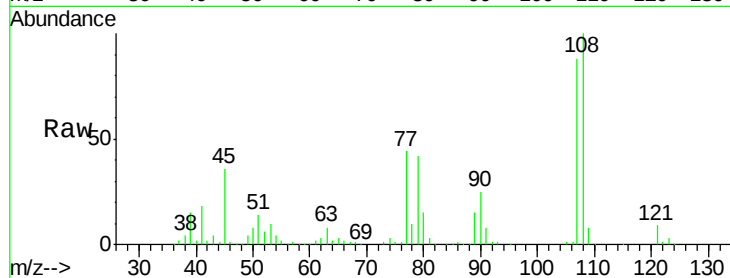
Ion Ratio Lower Upper

107 100

108 113.2 91.7 137.5

77 49.8 33.8 50.8

79 47.8 33.8 50.8

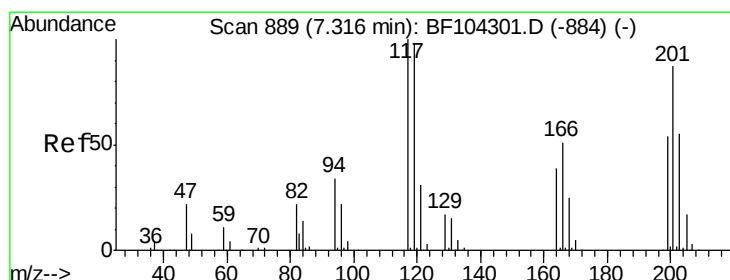
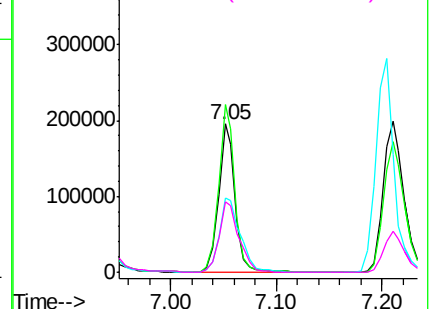
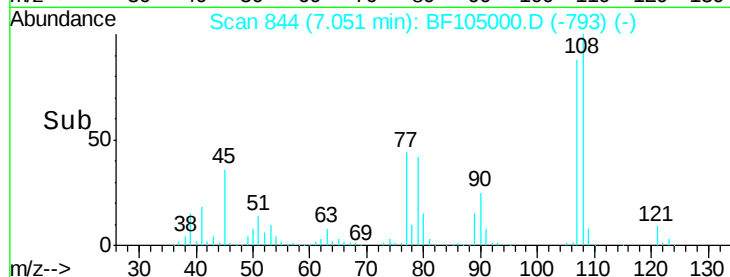


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 28.471 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

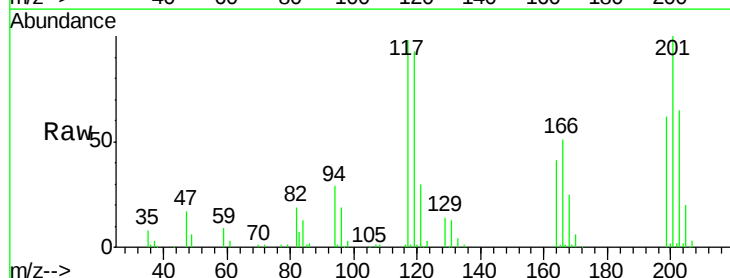
Tgt Ion:117 Resp: 94093

Ion Ratio Lower Upper

117 100

119 94.5 75.8 113.8

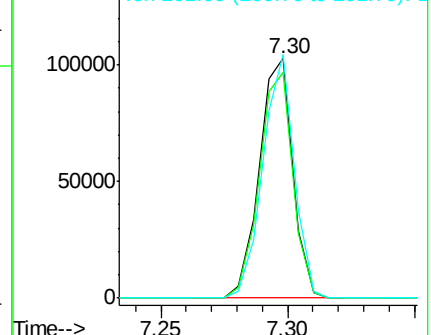
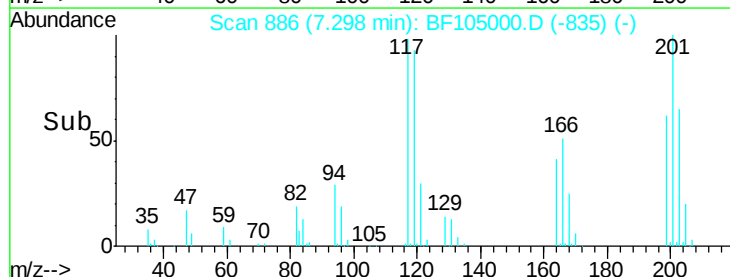
201 101.7 75.7 113.5

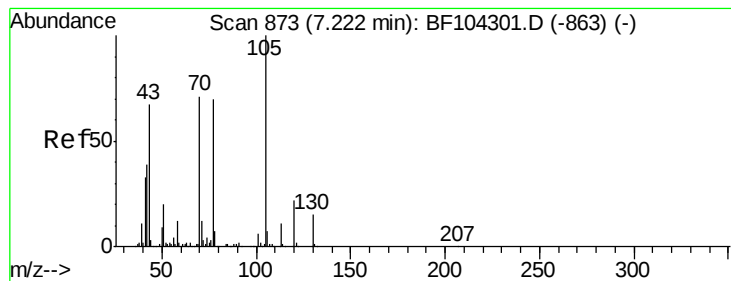


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 26.864 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

Tgt Ion: 70 Resp: 167733

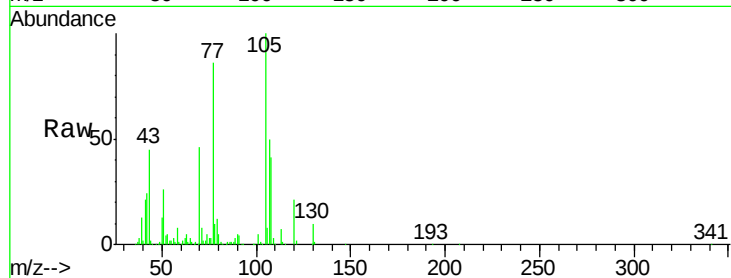
Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	10.1	7.4	11.2
130	22.7	16.6	25.0

70 100

42 52.8 47.5 71.3

101 10.1 7.4 11.2

130 22.7 16.6 25.0

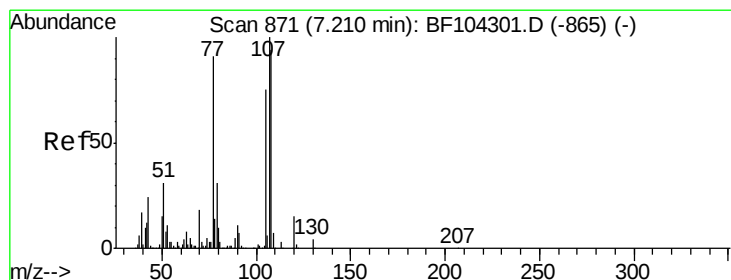
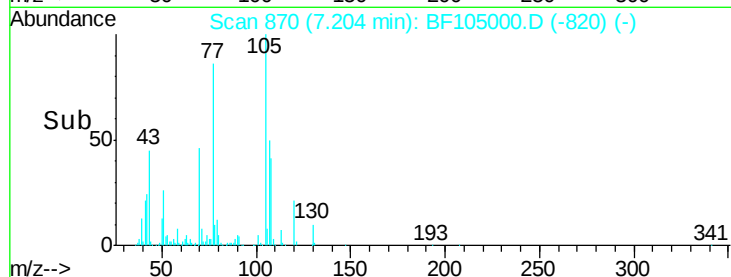
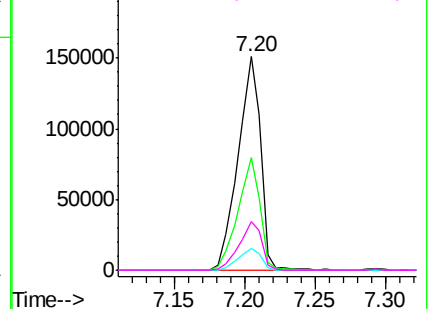


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 31.465 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Tgt Ion: 107 Resp: 278423

Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.2	108.2
77	78.1	26.7	66.7#
79	27.2	6.3	46.3

107 100

108 87.1 68.2 108.2

77 78.1 26.7 66.7#

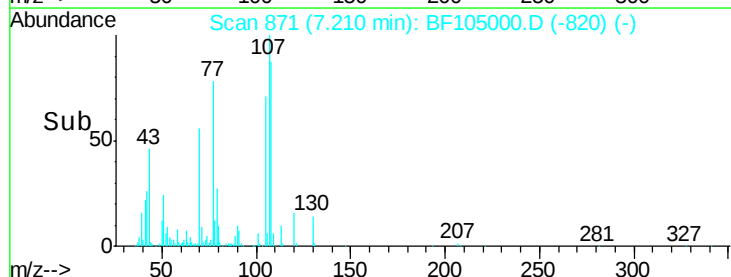
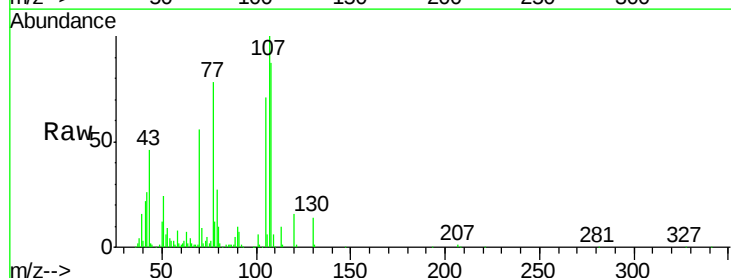
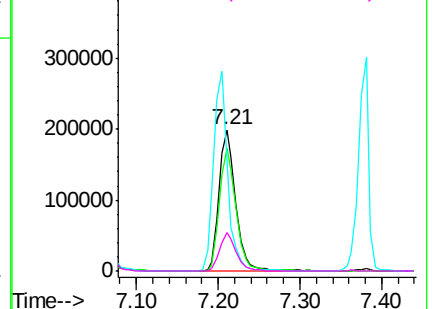
79 27.2 6.3 46.3

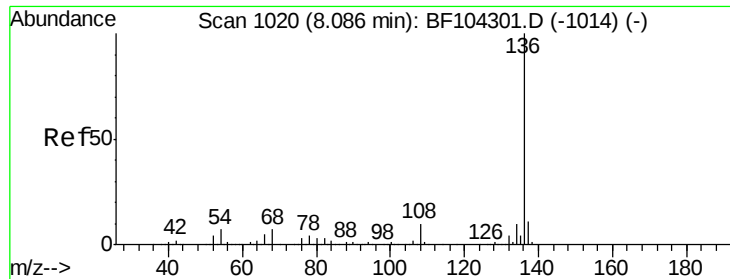
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

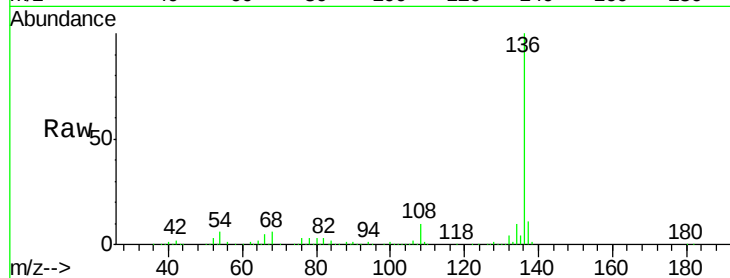




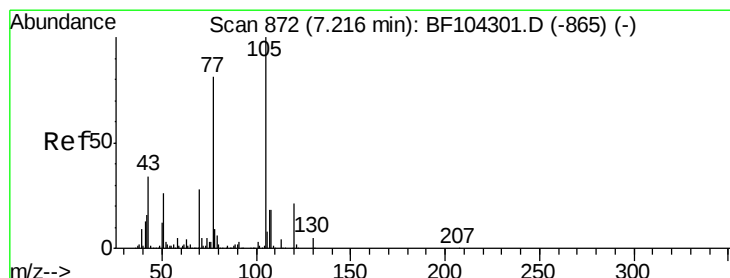
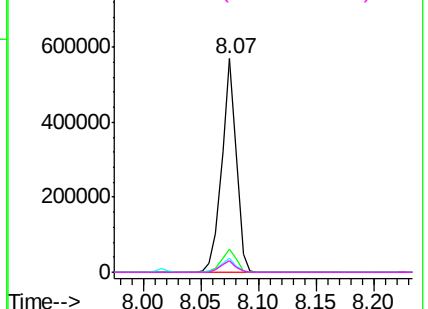
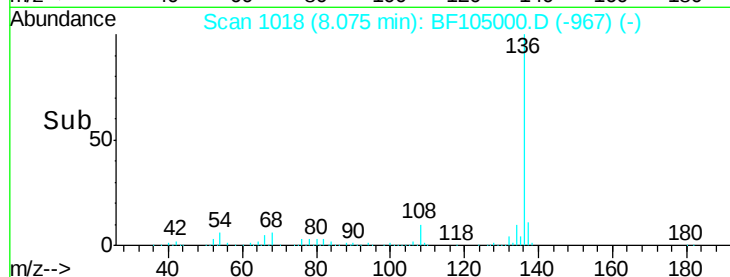
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tgt Ion:	136	Resp:	498517
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.3	6.6	9.8#
68	5.5	5.0	7.4

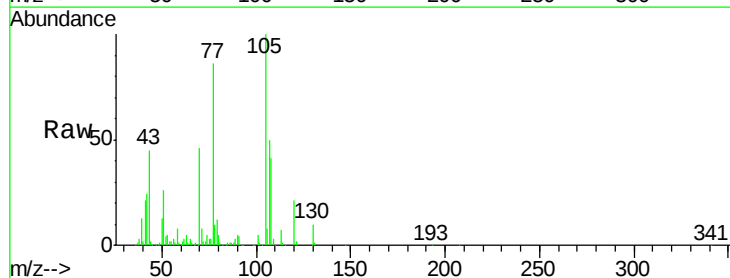


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

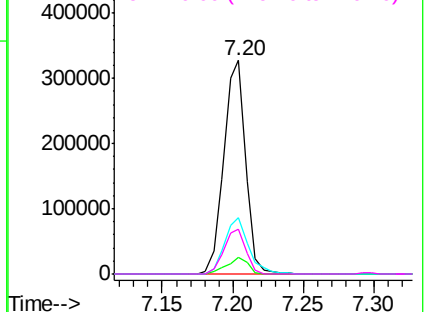
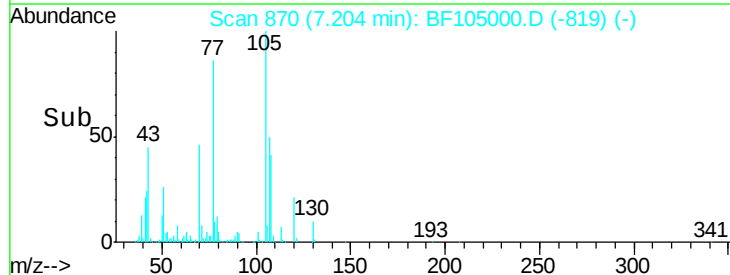


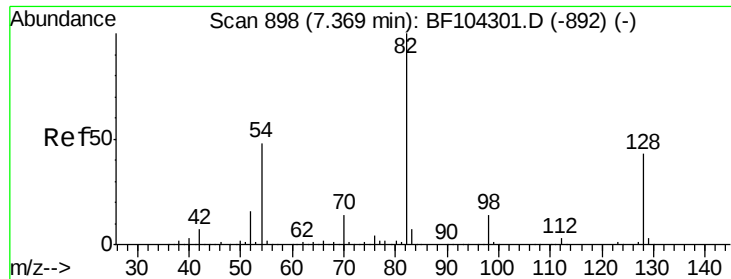
#22
Acetophenone
Concen: 28.568 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion:	105	Resp:	350623
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	26.5	22.3	33.5
120	21.1	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

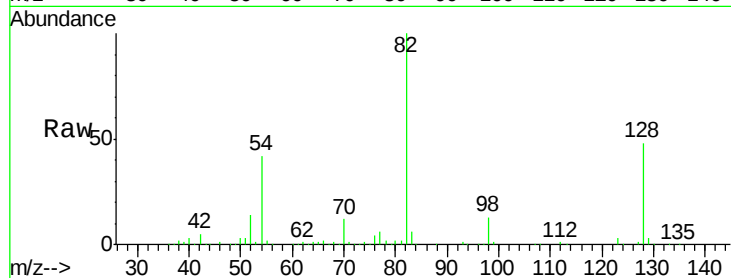




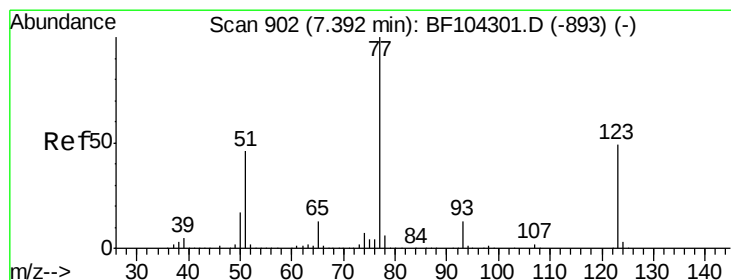
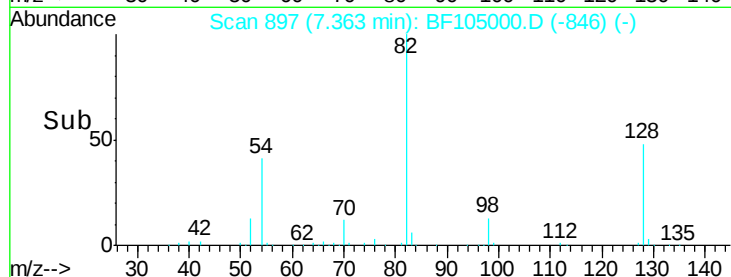
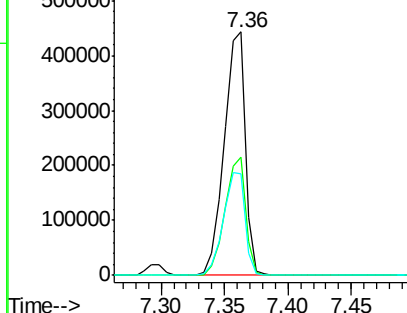
#23
 Nitrobenzene-d5
 Concen: 67.090 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tgt Ion: 82 Resp: 512200
 Ion Ratio Lower Upper
 82 100
 128 48.3 36.1 54.1
 54 41.7 41.4 62.2

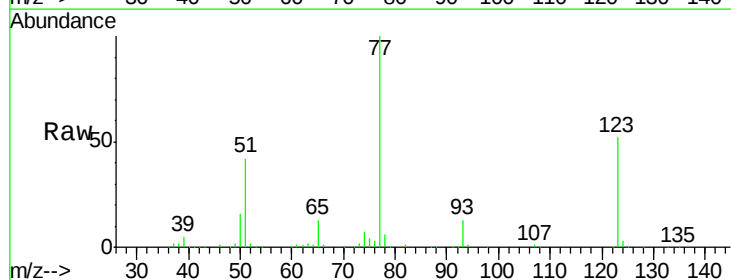


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

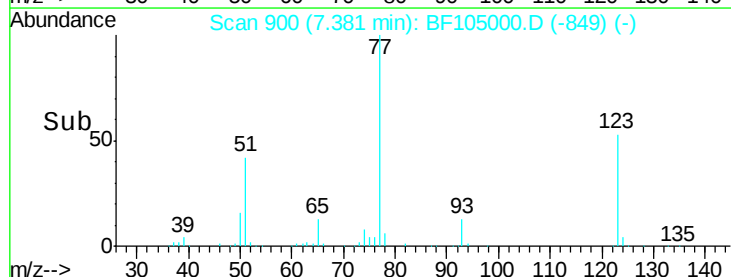
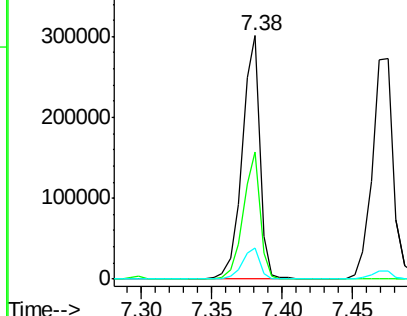


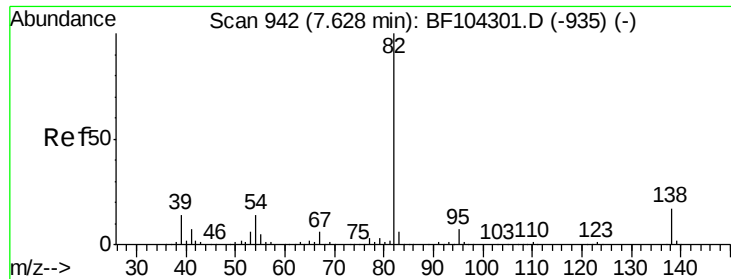
#24
 Nitrobenzene
 Concen: 31.174 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion: 77 Resp: 262764
 Ion Ratio Lower Upper
 77 100
 123 52.1 37.9 56.9
 65 12.8 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: 29.211 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

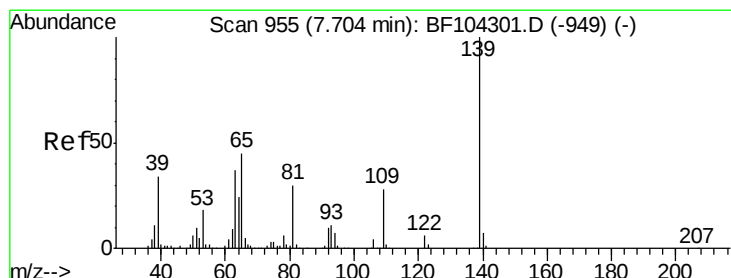
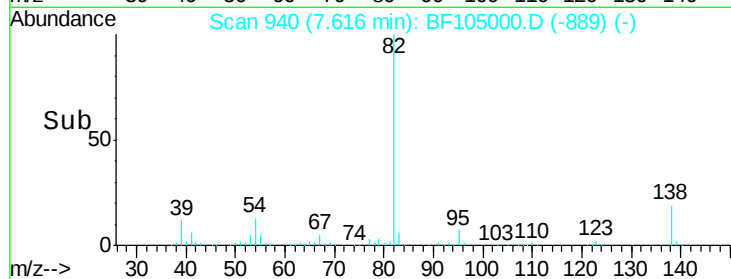
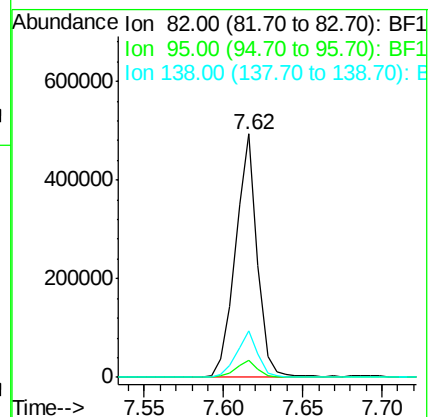
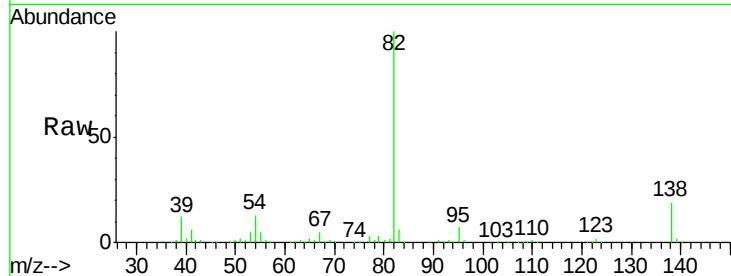
Tgt Ion: 82 Resp: 471595

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 40.532 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

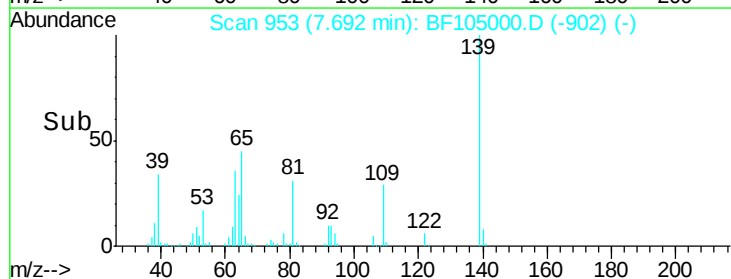
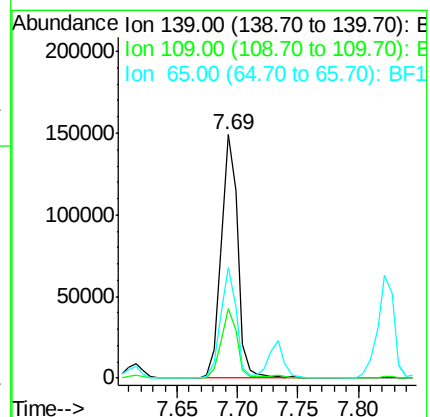
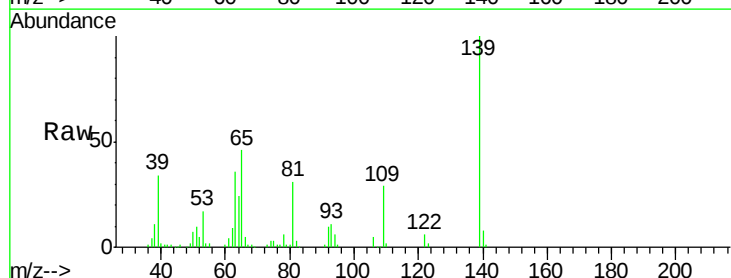
Tgt Ion: 139 Resp: 139083

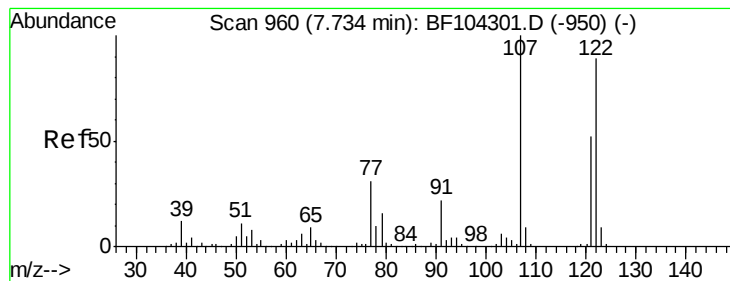
Ion Ratio Lower Upper

139 100

109 28.6 22.7 34.1

65 45.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 32.126 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

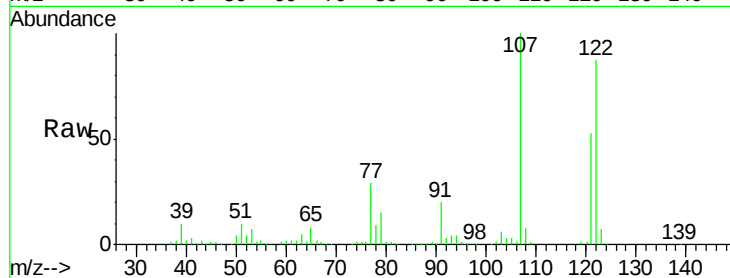
Tgt Ion:122 Resp: 228898

Ion Ratio Lower Upper

122 100

107 115.3 91.2 136.8

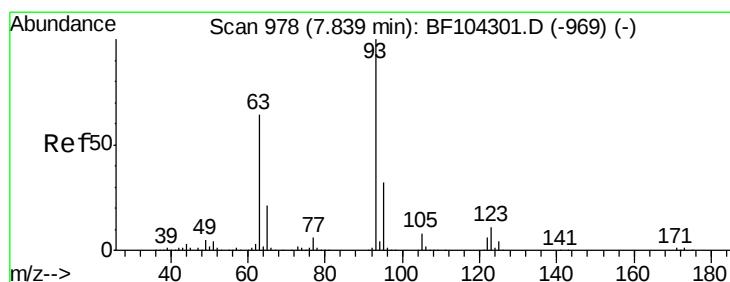
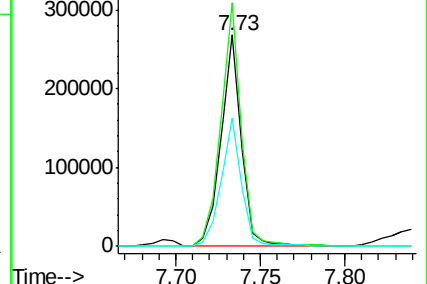
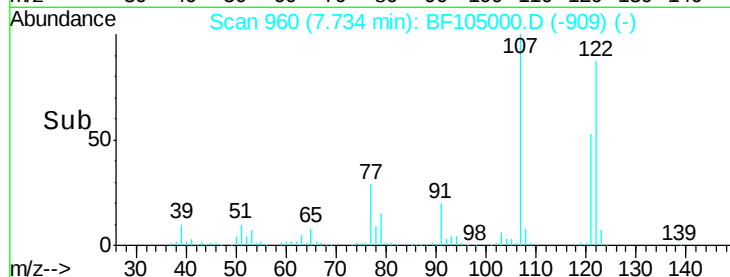
121 60.6 47.2 70.8



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: 31.226 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

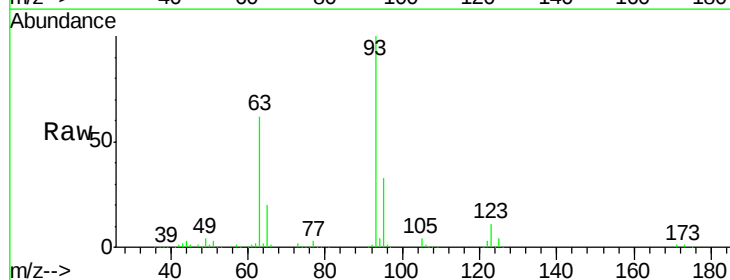
Tgt Ion: 93 Resp: 308219

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

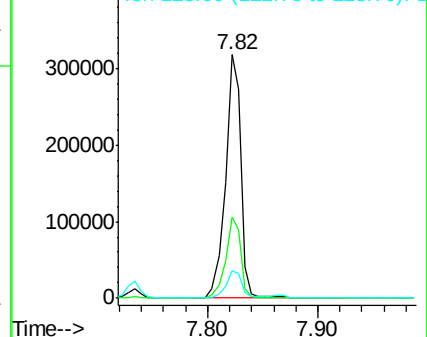
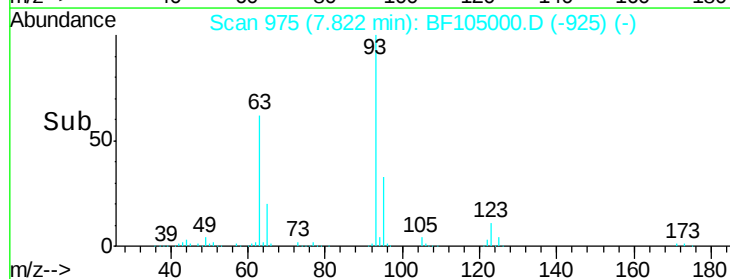
123 11.1 9.8 14.6

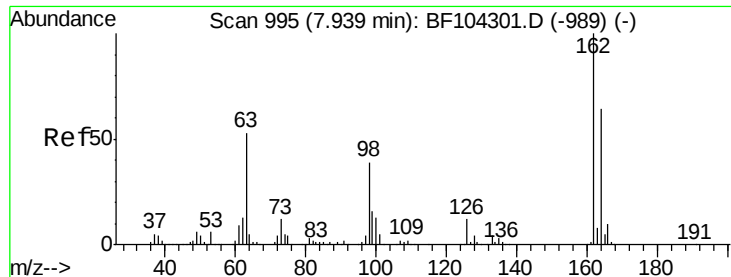


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

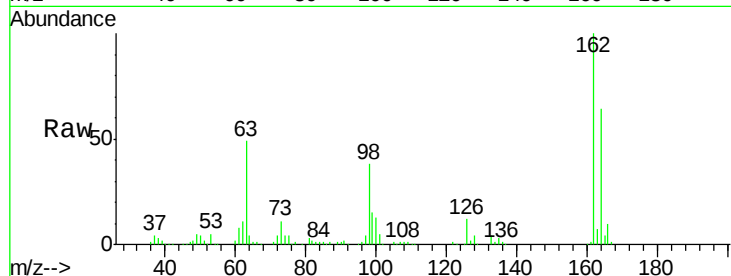




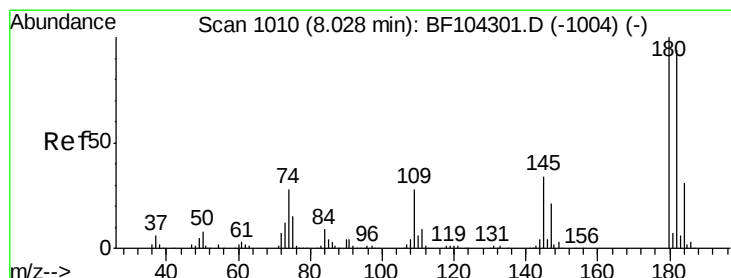
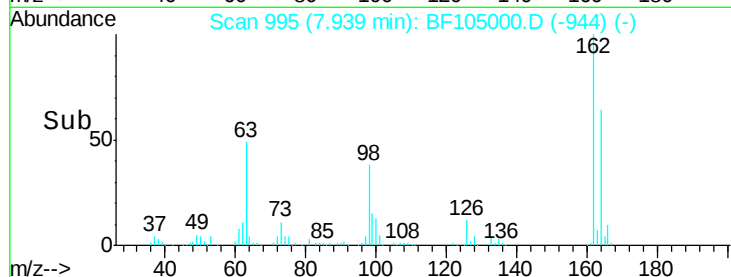
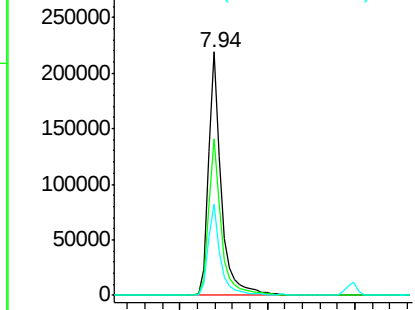
#29
2,4-Dichlorophenol
Concen: 32.661 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	37.5	18.1	58.1

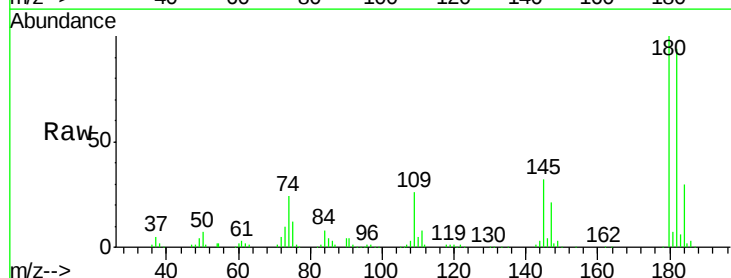


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

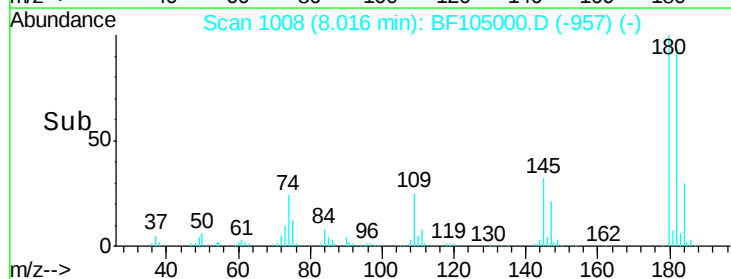
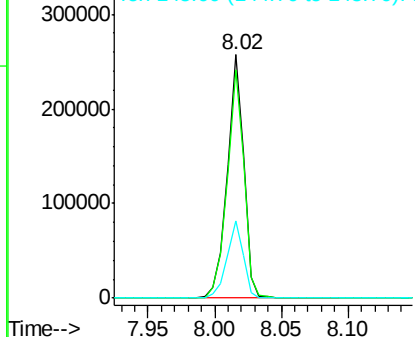


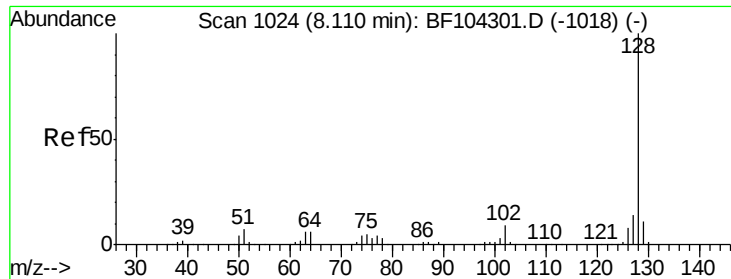
#30
1,2,4-Trichlorobenzene
Concen: 30.428 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.8	115.2
145	31.9	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

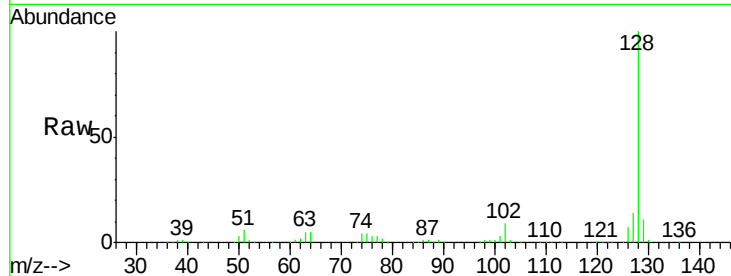




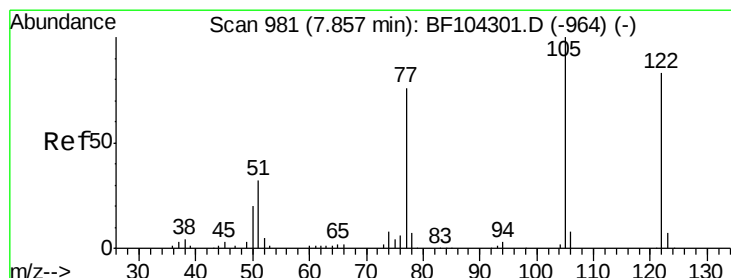
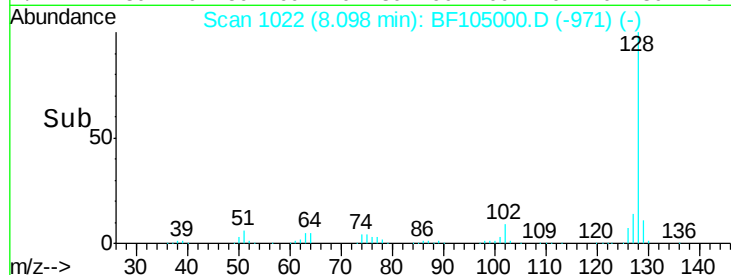
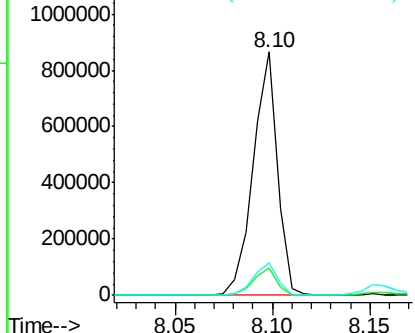
#31
Naphthalene
Concen: 30.114 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tgt Ion:128 Resp: 747526
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.9 16.3

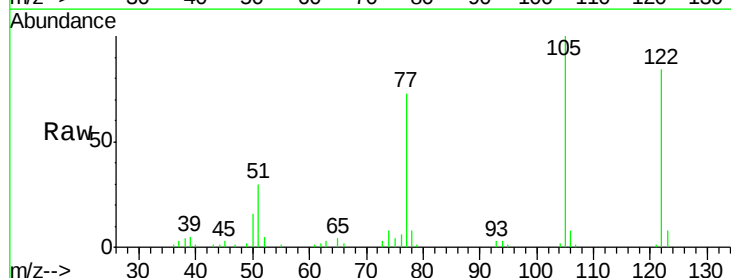


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

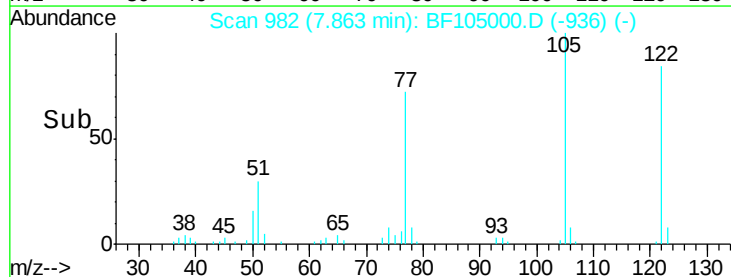
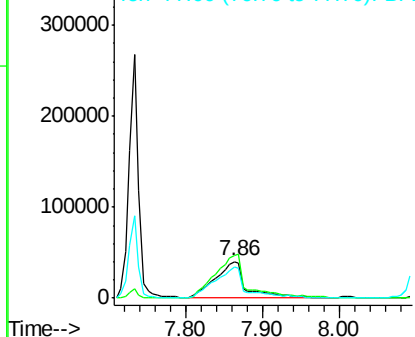


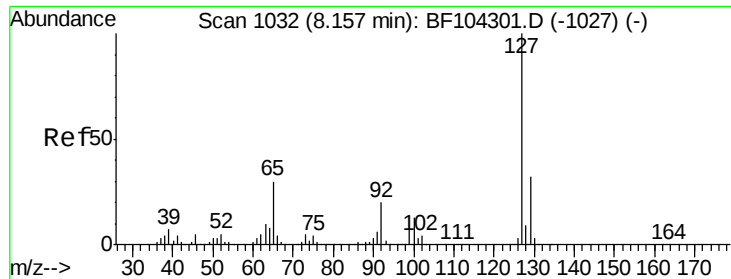
#32
Benzoic acid
Concen: 19.171 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion:122 Resp: 108983
Ion Ratio Lower Upper
122 100
105 119.1 101.1 141.1
77 87.1 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

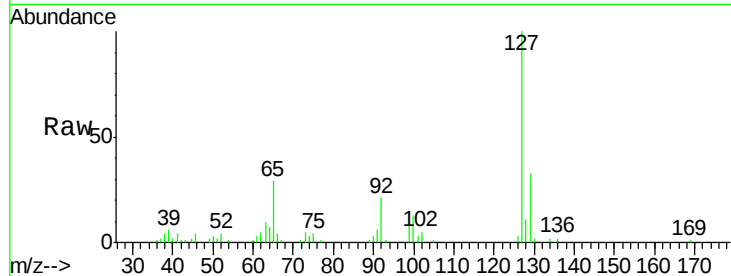




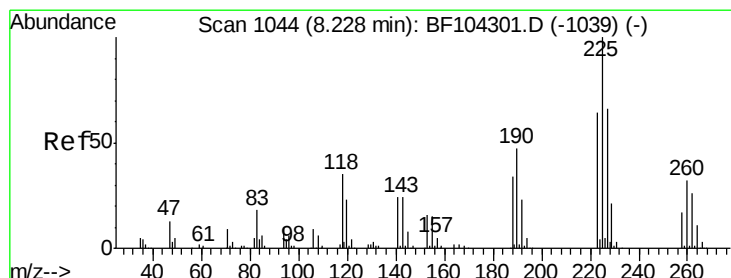
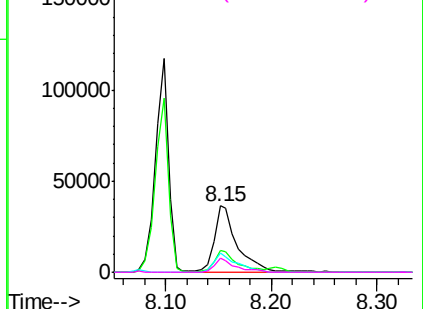
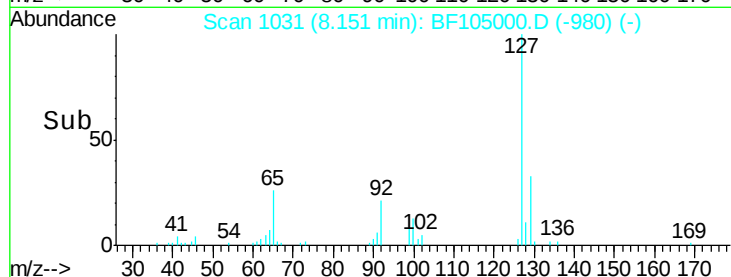
#33
4-Chloroaniline
Concen: 5.292 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tgt Ion:	127	Resp:	56282
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	29.3	25.0	37.4
92	20.6	15.2	22.8

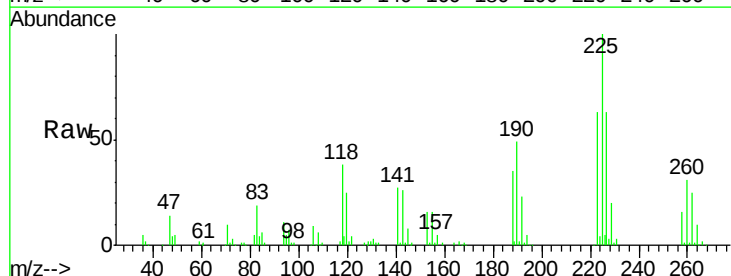


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

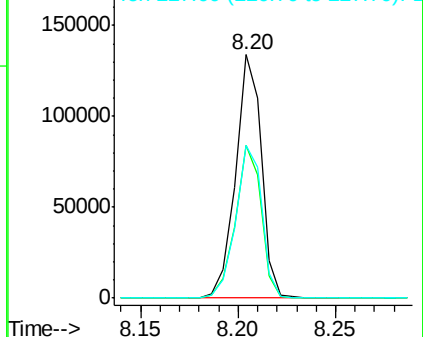
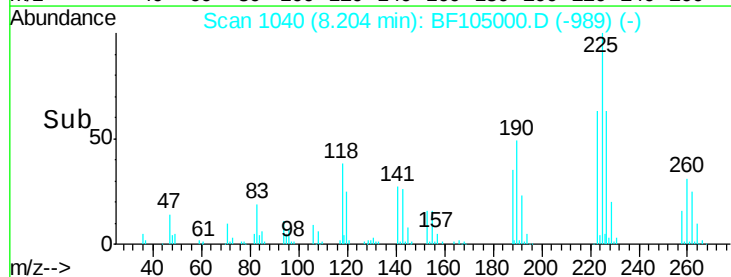


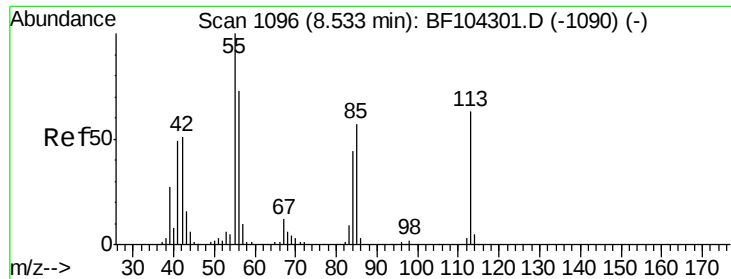
#34
Hexachlorobutadiene
Concen: 29.982 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion:	225	Resp:	122523
Ion	Ratio	Lower	Upper
225	100		
223	62.9	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

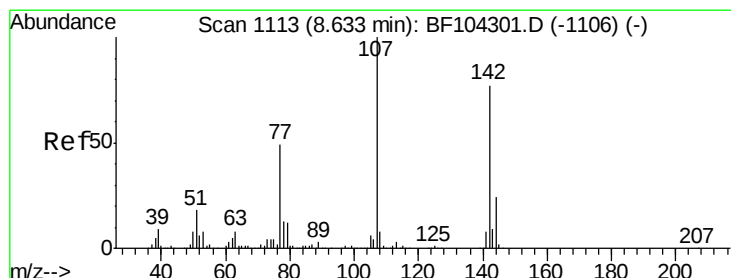
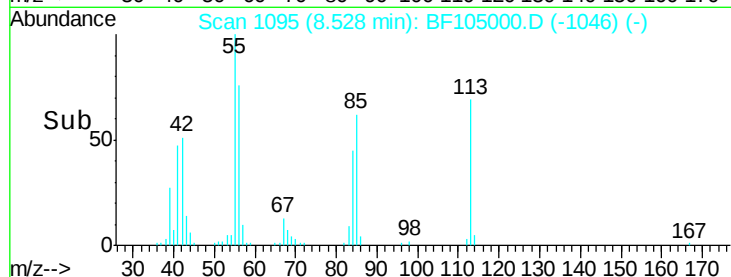
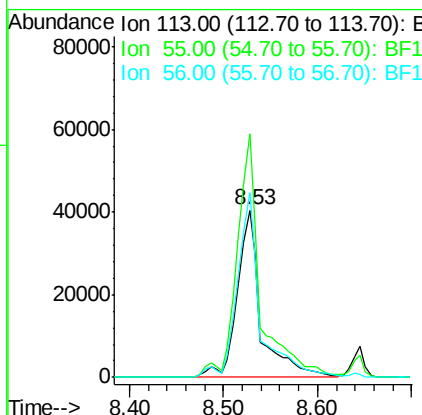
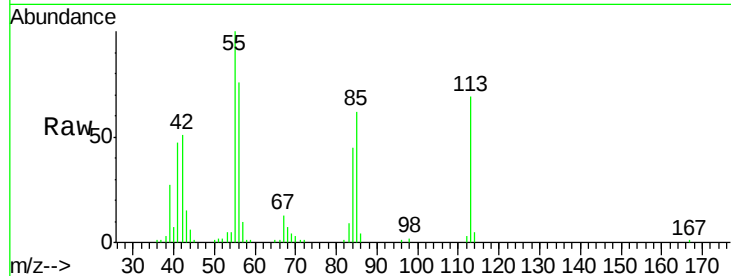




#35
 Caprolactam
 Concen: 29.964 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

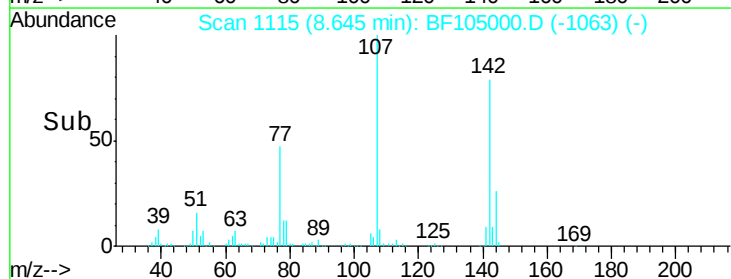
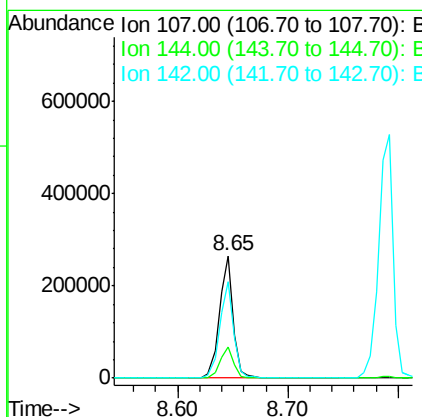
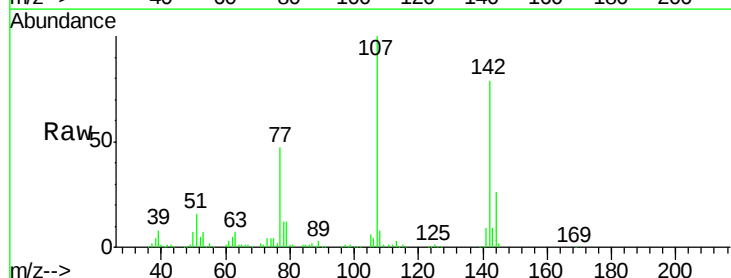
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

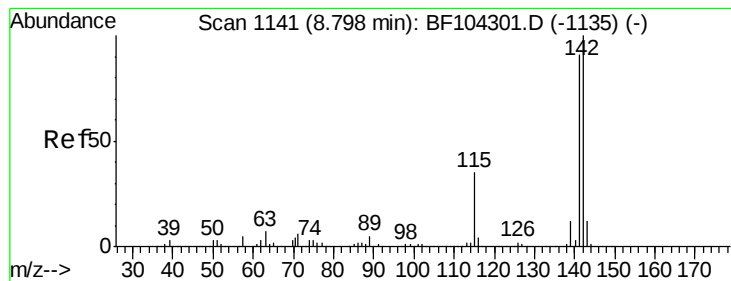
Tgt Ion:113 Resp: 71062
 Ion Ratio Lower Upper
 113 100
 55 145.8 163.3 203.3#
 56 110.7 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 31.282 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion:107 Resp: 228033
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 78.8 62.0 93.0

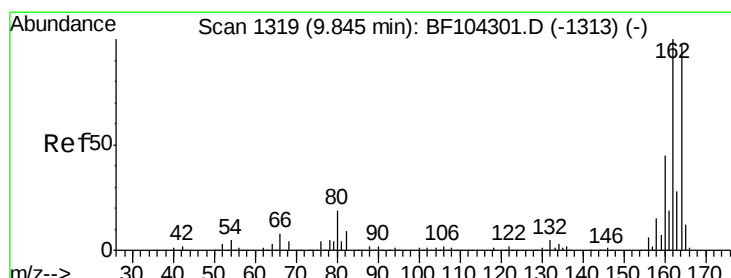
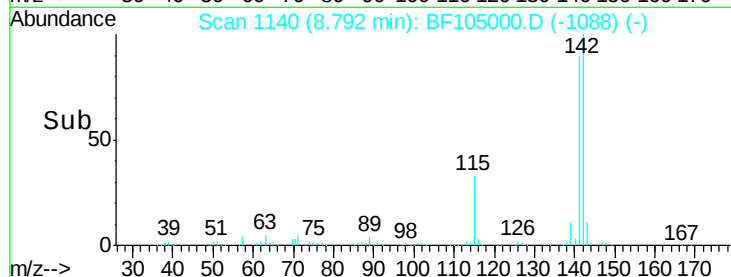
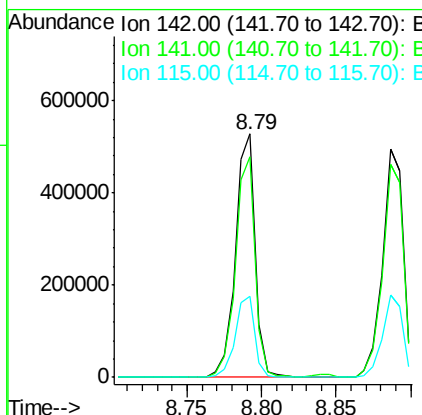
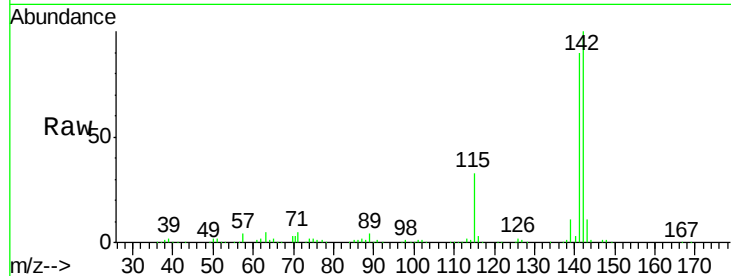




#37
 2-Methylnaphthalene
 Concen: 30.534 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

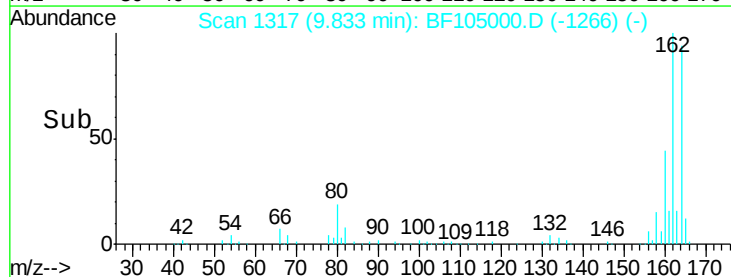
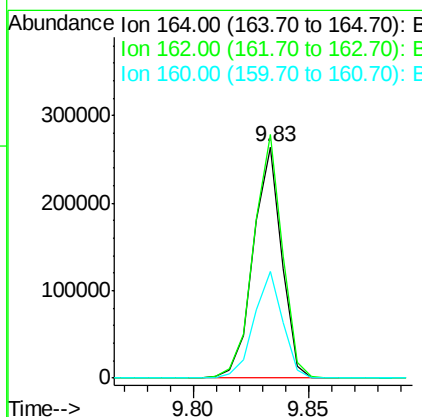
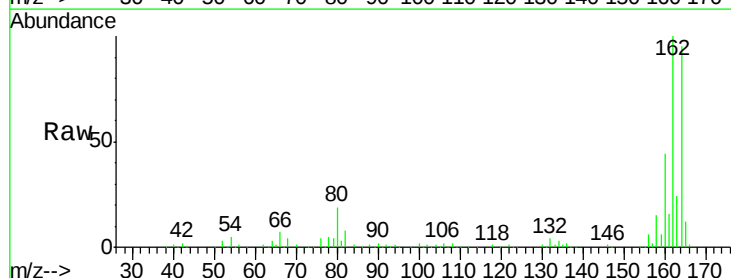
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

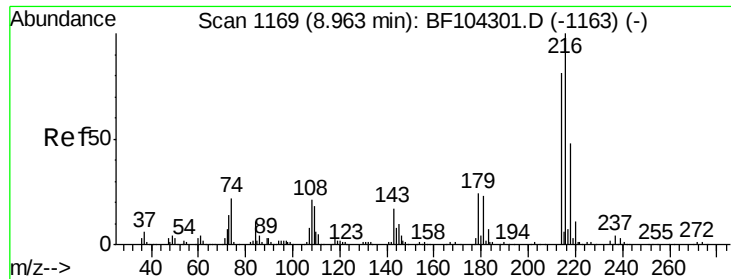
Tgt Ion:142 Resp: 490292
 Ion Ratio Lower Upper
 142 100
 141 90.5 70.8 106.2
 115 33.3 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion:164 Resp: 227504
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 46.3 38.3 57.5

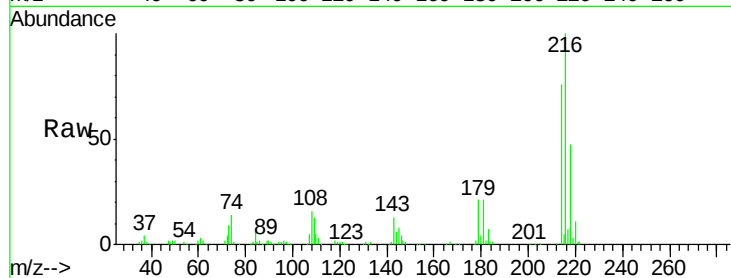




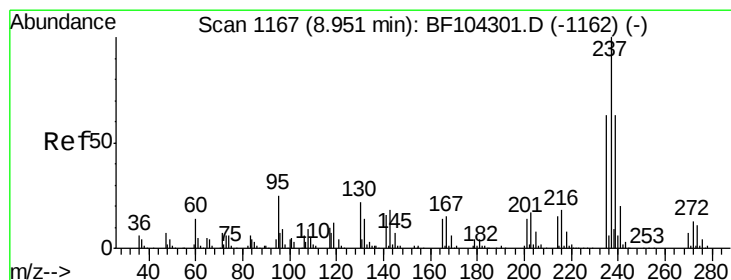
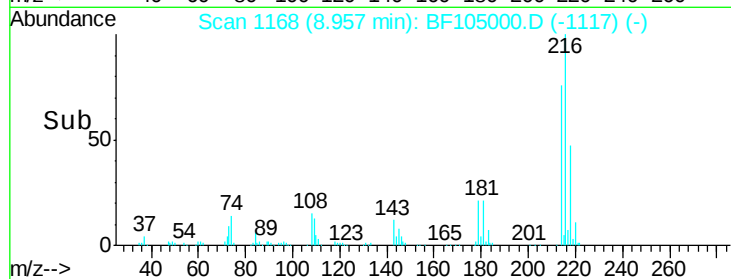
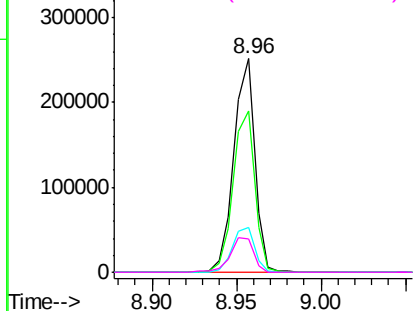
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.340 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tgt Ion:	216	Resp:	217126
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	22.1	18.1	27.1
108	18.0	17.2	25.8

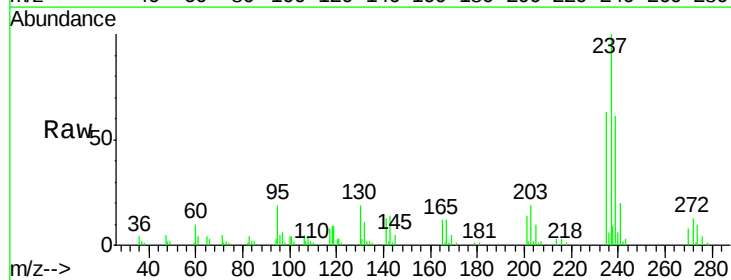


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

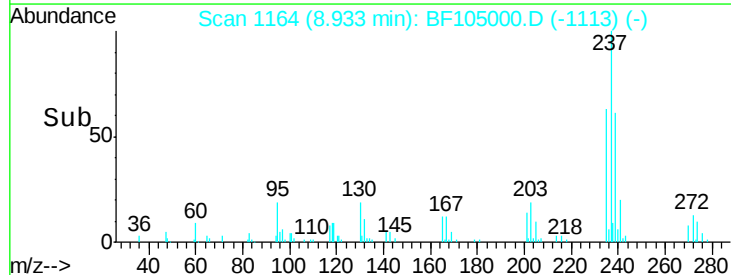
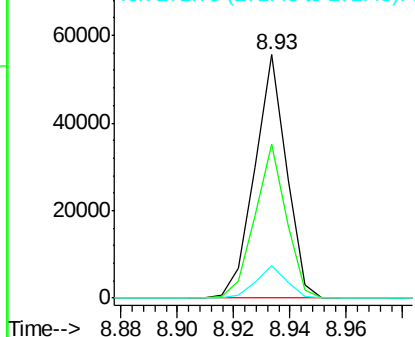


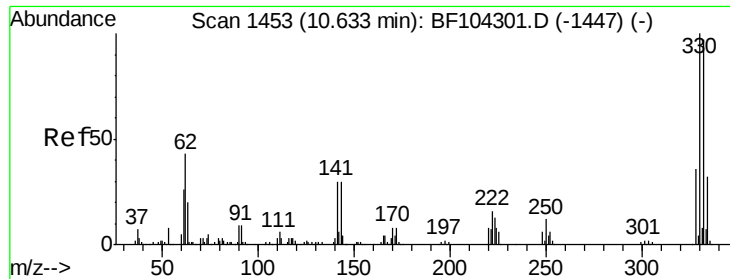
#40
 Hexachlorocyclopentadiene
 Concen: 11.933 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion:	237	Resp:	43507
Ion	Ratio	Lower	Upper
237	100		
235	63.1	44.8	84.8
272	13.5	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

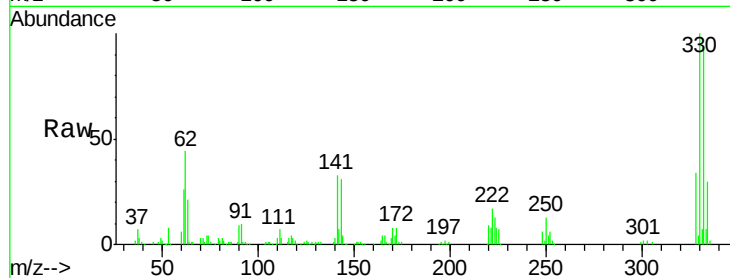




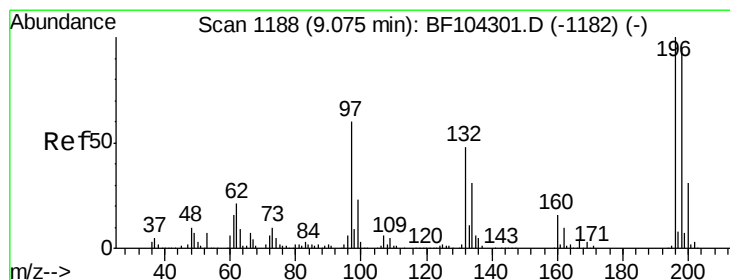
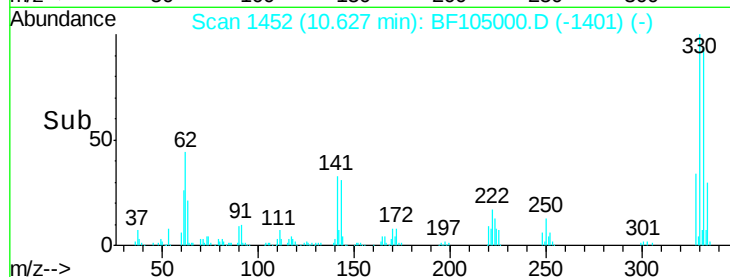
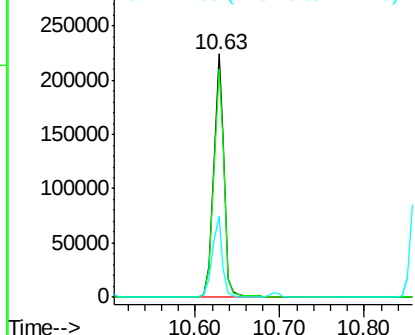
#41
 2,4,6-Tribromophenol
 Concen: 84.644 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	31.8	29.9	44.9

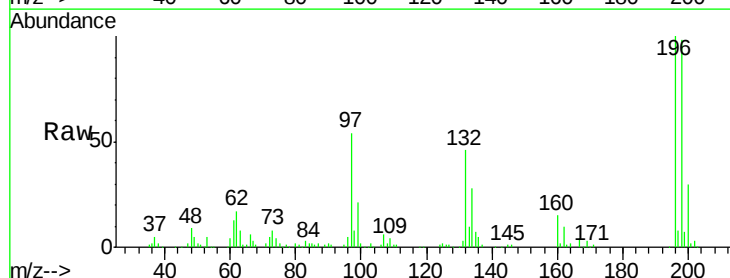


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

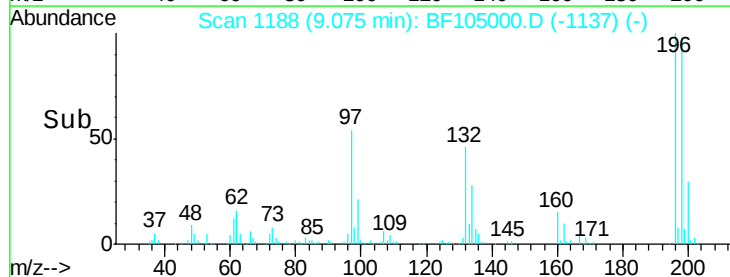
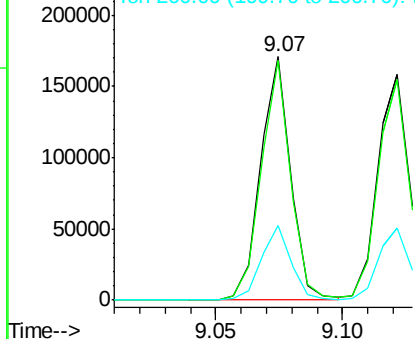


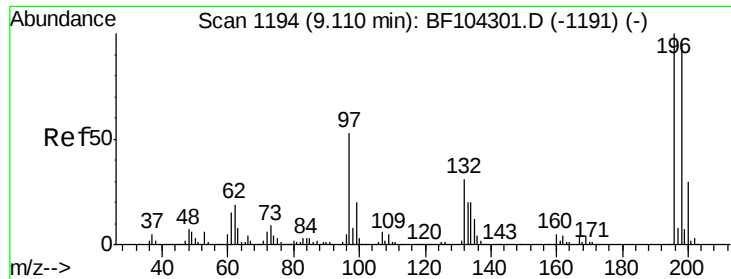
#42
 2,4,6-Trichlorophenol
 Concen: 31.335 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	75.7	113.5
200	30.4	24.5	36.7



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

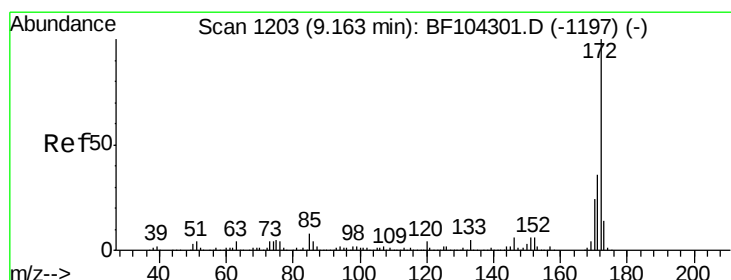
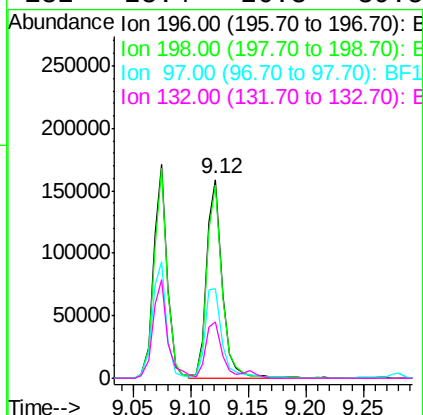
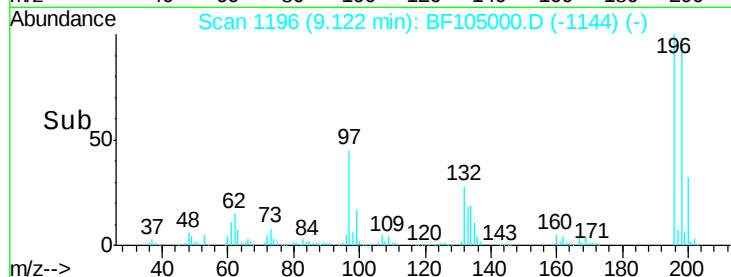
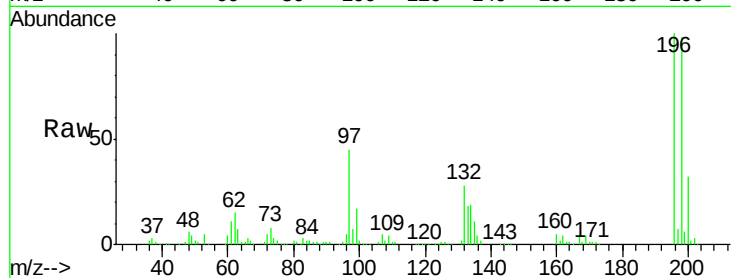




#43
 2,4,5-Trichlorophenol
 Concen: 29.391 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

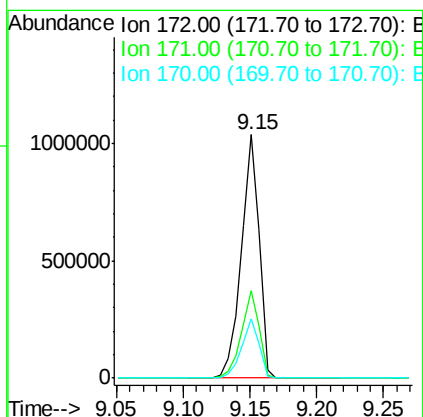
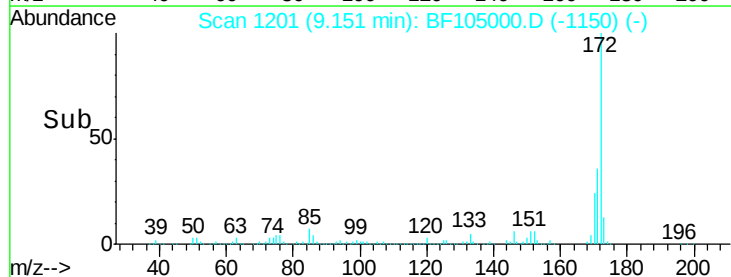
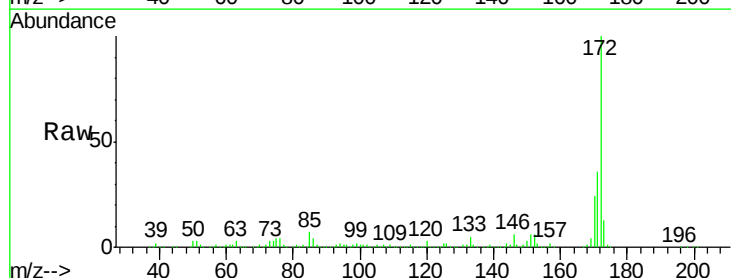
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

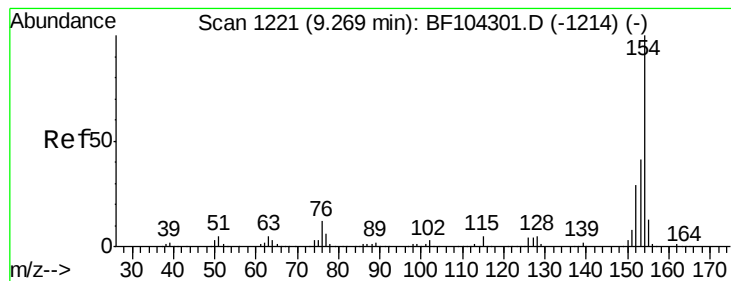
Tgt Ion:	196	Resp:	148687
Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.6	112.0
97	45.2	42.9	64.3
132	28.4	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 66.752 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion:	172	Resp:	961309
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 30.777 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

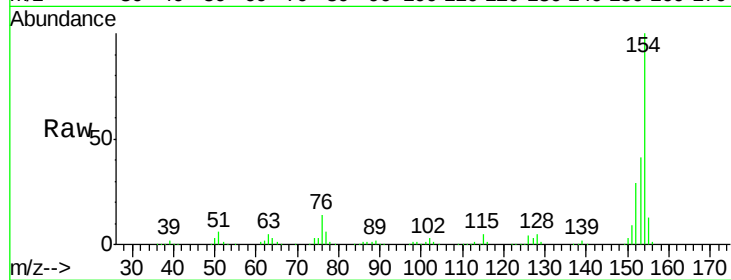
Tgt Ion:154 Resp: 588207

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

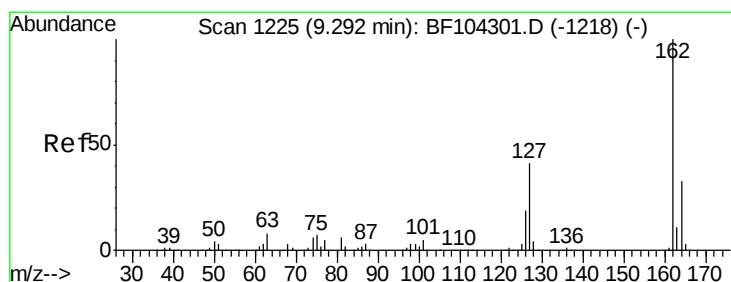
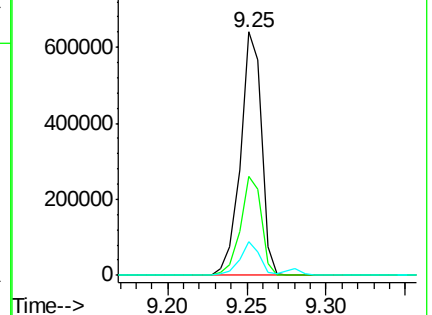
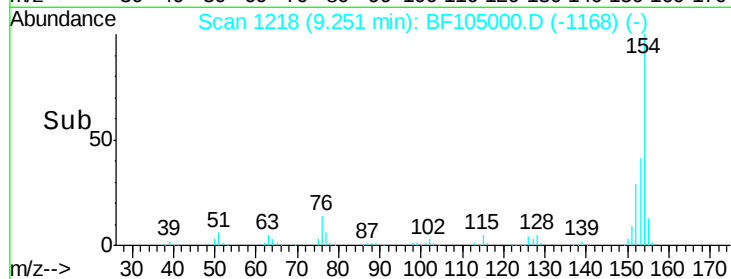
76 13.8 0.0 34.0



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: 30.239 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

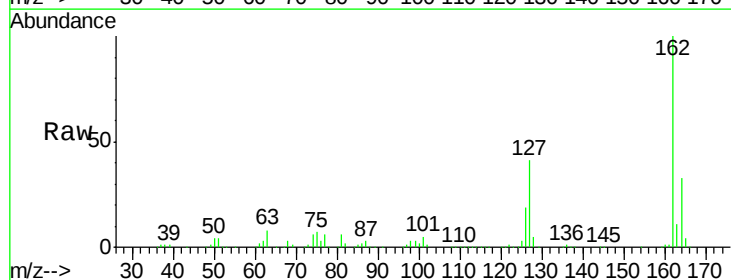
Tgt Ion:162 Resp: 456483

Ion Ratio Lower Upper

162 100

127 41.2 33.9 50.9

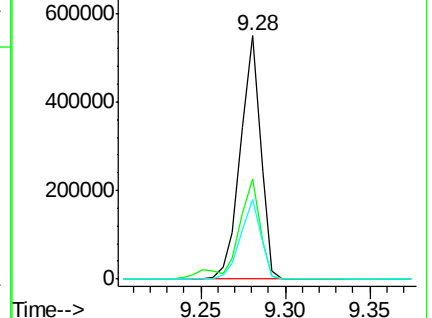
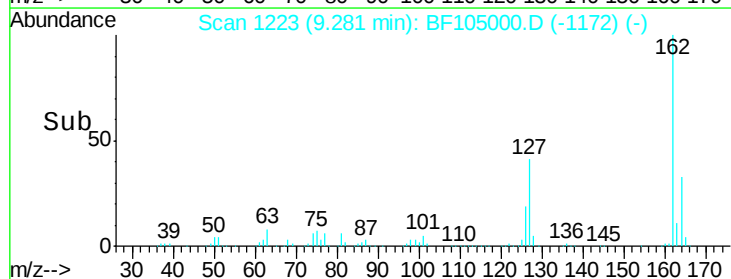
164 33.0 26.5 39.7

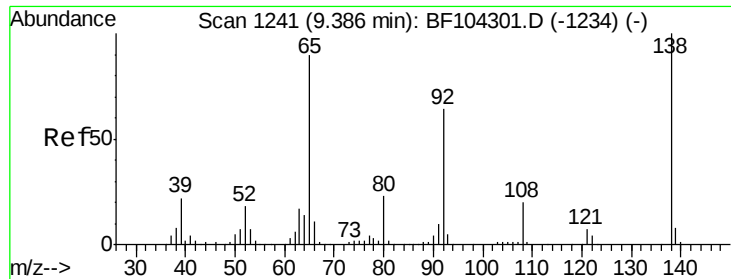


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

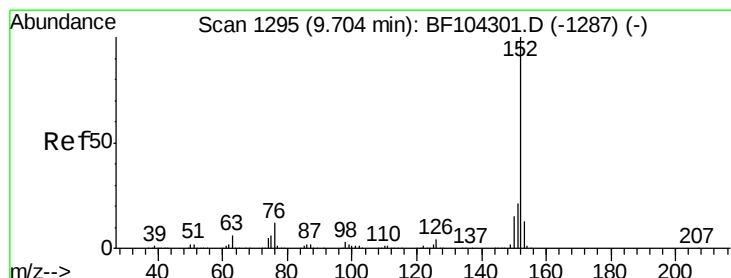
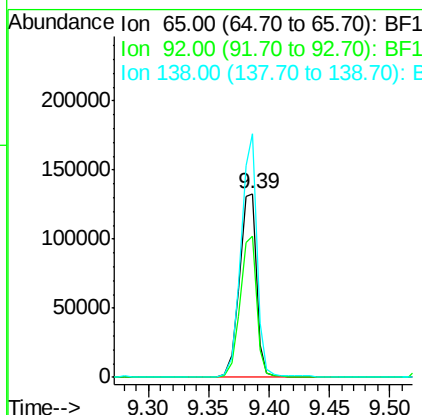
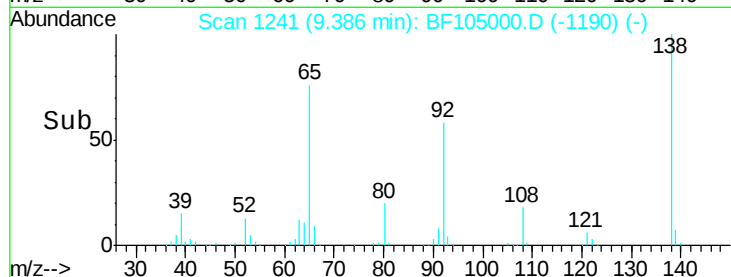
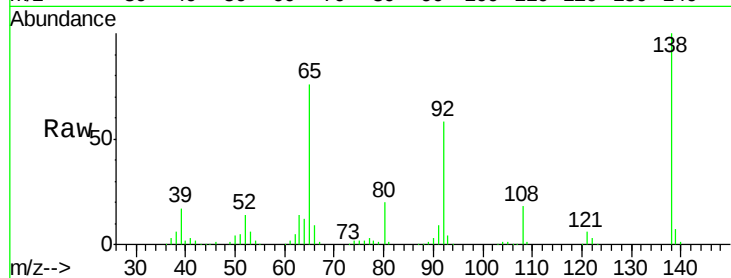




#47
 2-Nitroaniline
 Concen: 35.710 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

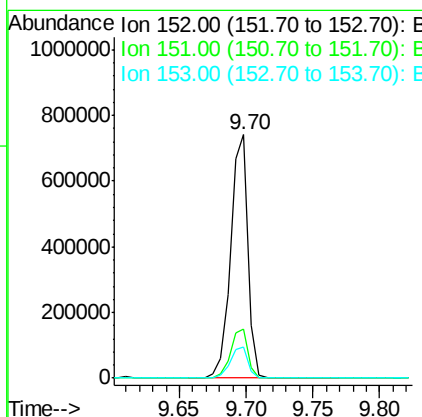
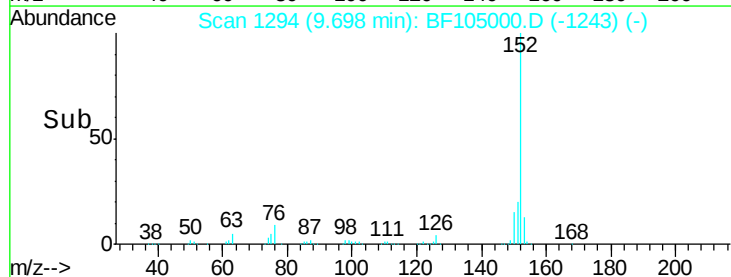
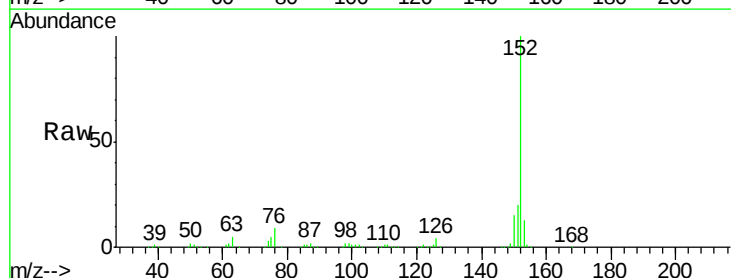
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

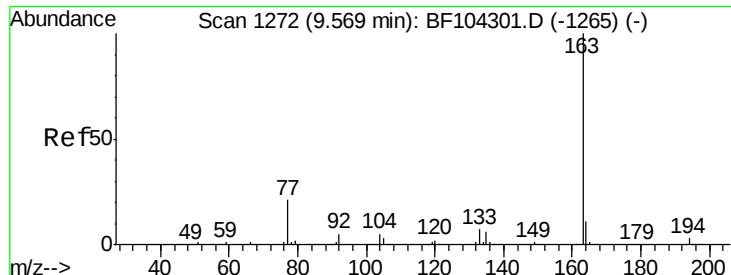
Tgt Ion: 65 Resp: 133312
 Ion Ratio Lower Upper
 65 100
 92 77.0 55.8 83.6
 138 132.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 28.632 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion: 152 Resp: 678158
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.3 24.5
 153 13.0 10.7 16.1

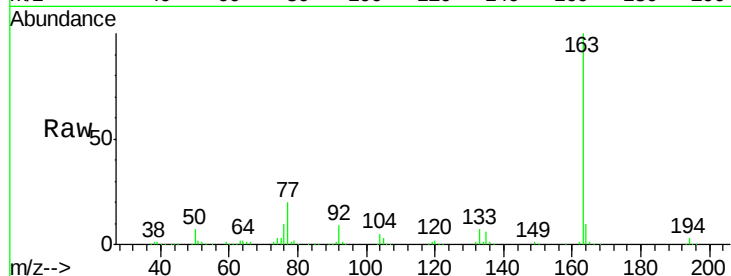




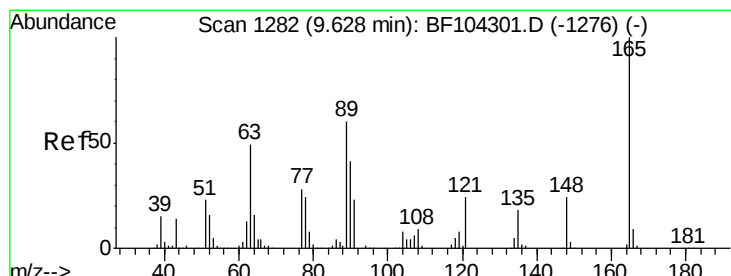
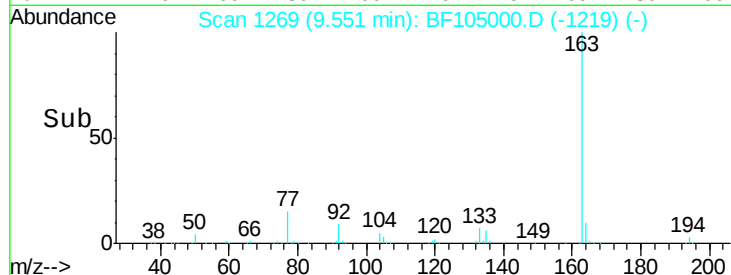
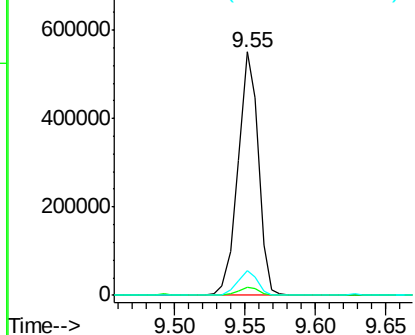
#49
Dimethylphthalate
Concen: 30.666 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tgt Ion:163 Resp: 550157
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2

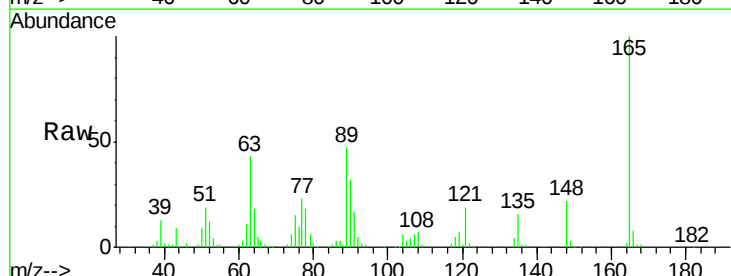


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

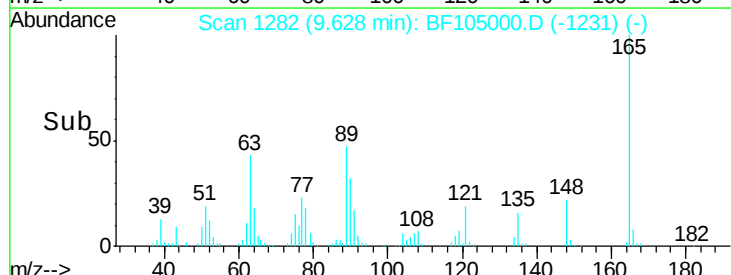
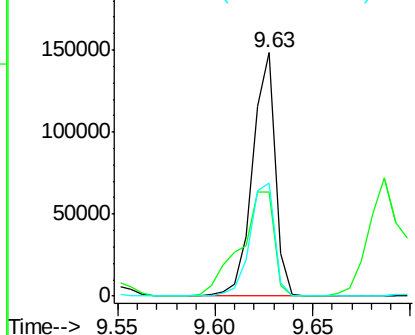


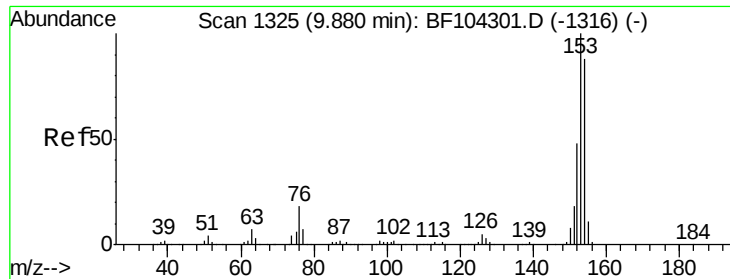
#50
2,6-Dinitrotoluene
Concen: 36.107 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion:165 Resp: 119862
Ion Ratio Lower Upper
165 100
63 42.6 44.7 67.1#
89 46.5 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

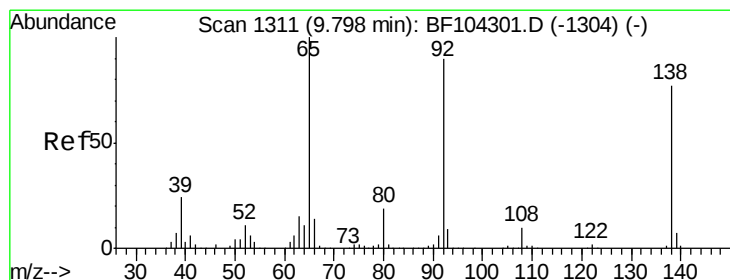
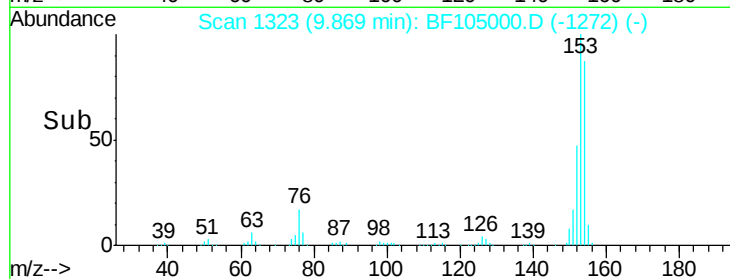
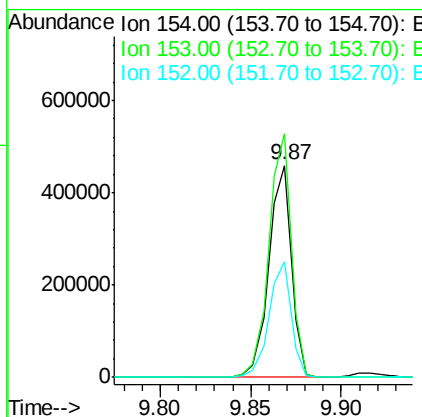
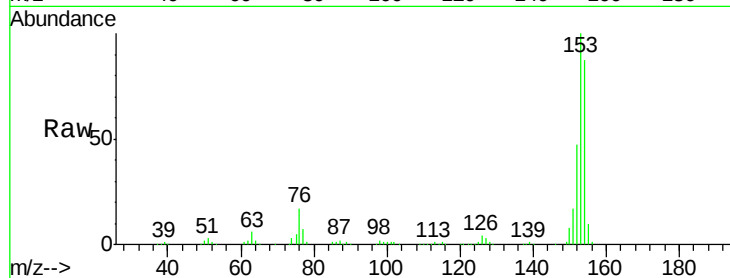




#51
Acenaphthene
Concen: 27.606 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

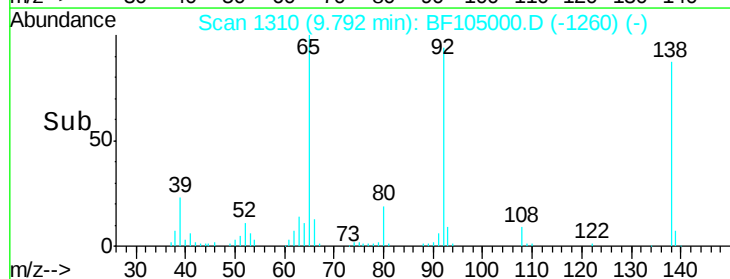
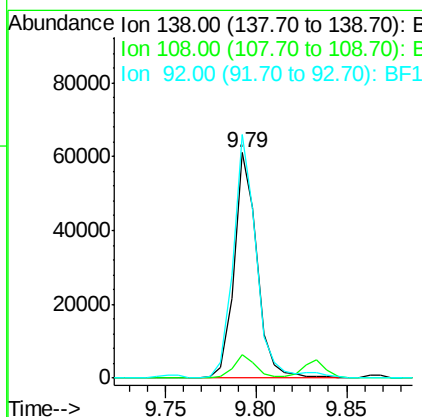
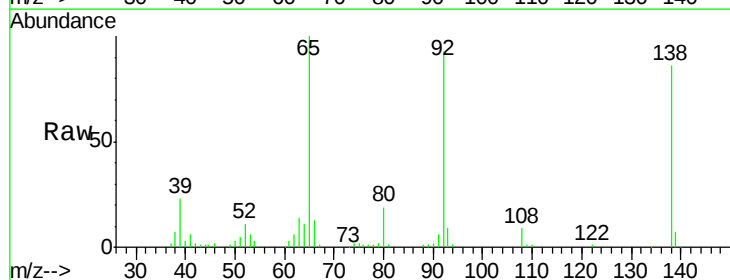
Instrument :
BNA_F
ClientSampleId :
PB108756BSD

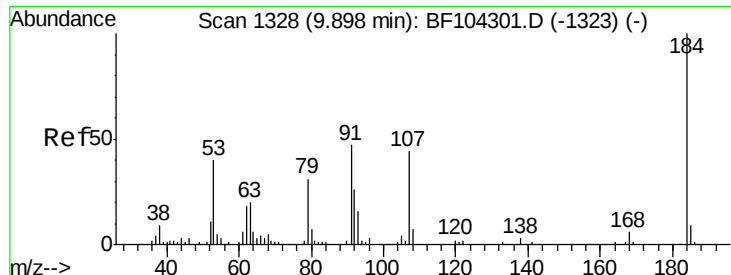
Tgt Ion:154 Resp: 398937
Ion Ratio Lower Upper
154 100
153 114.8 91.2 136.8
152 54.5 43.8 65.8



#52
3-Nitroaniline
Concen: 13.757 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion:138 Resp: 53466
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.0
92 108.1 89.4 134.2

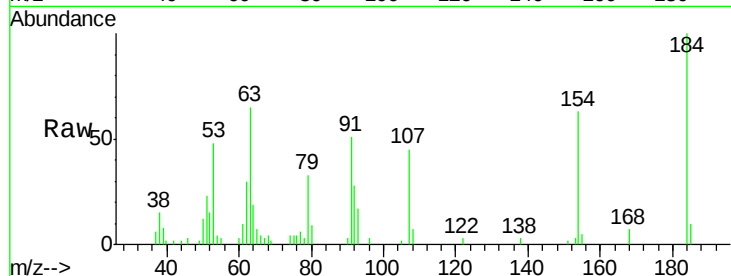




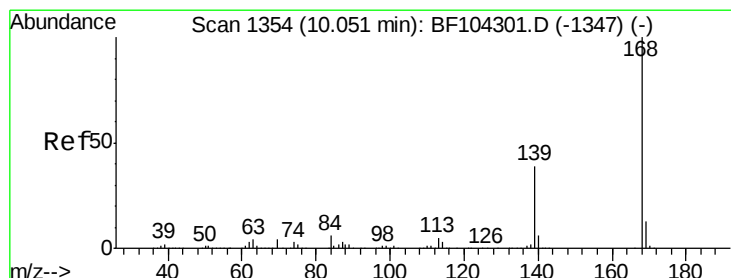
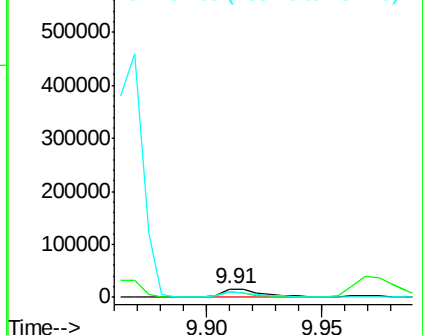
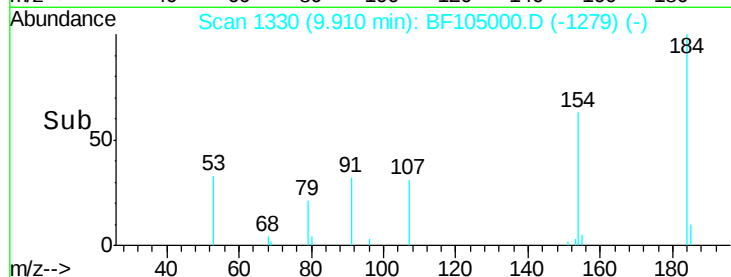
#53
 2,4-Dinitrophenol
 Concen: 24.703 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tgt Ion:184 Resp: 20501
 Ion Ratio Lower Upper
 184 100
 63 64.7 54.2 81.2
 154 62.6 184.0 276.0#

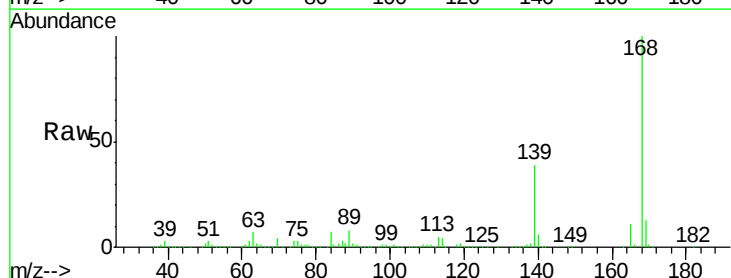


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

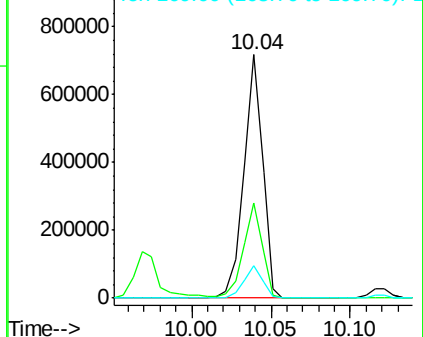
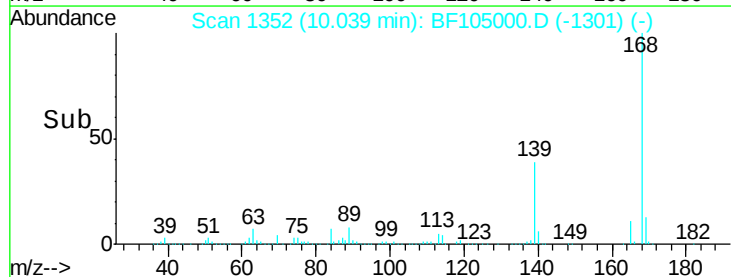


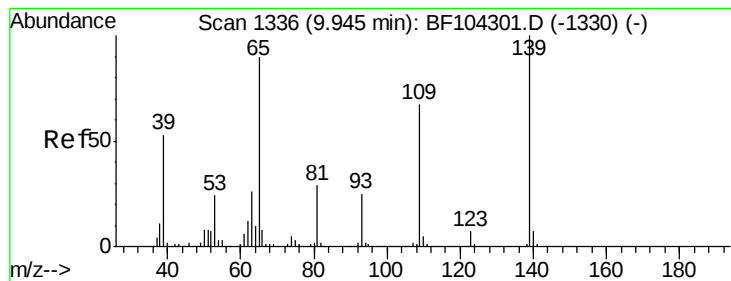
#54
 Dibenzofuran
 Concen: 29.167 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion:168 Resp: 587404
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.1 45.1
 169 13.4 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: 47.258 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

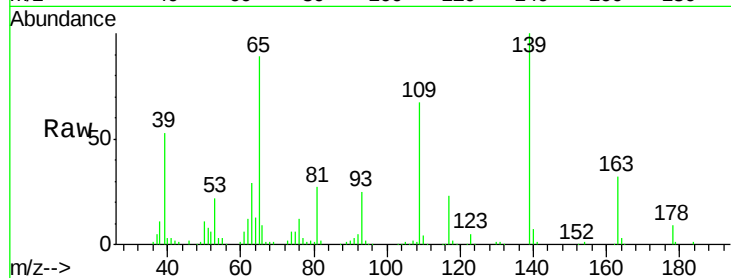
Tgt Ion:139 Resp: 144273

Ion Ratio Lower Upper

139 100

109 66.6 48.4 88.4

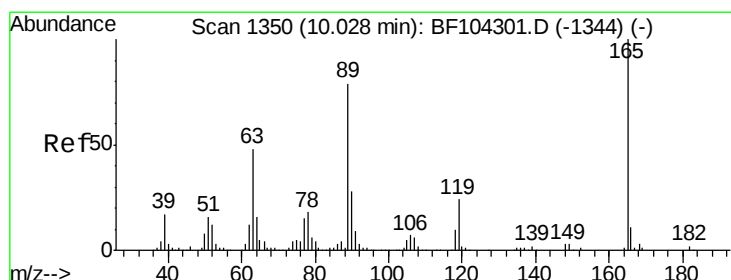
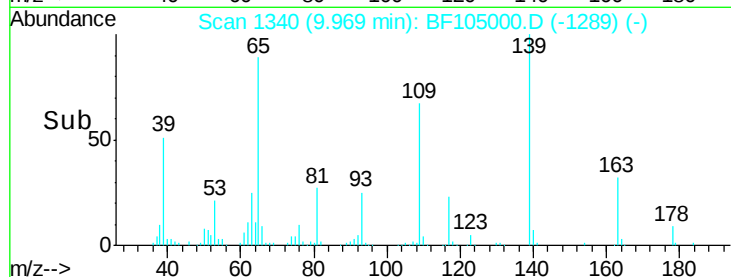
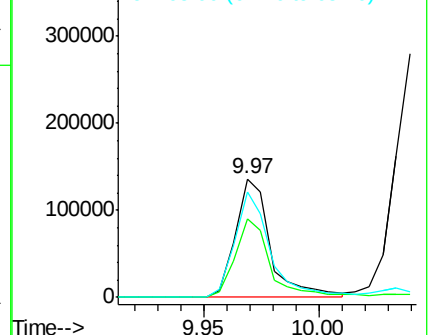
65 88.8 72.6 112.6



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: 33.032 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Tgt Ion:165 Resp: 143835

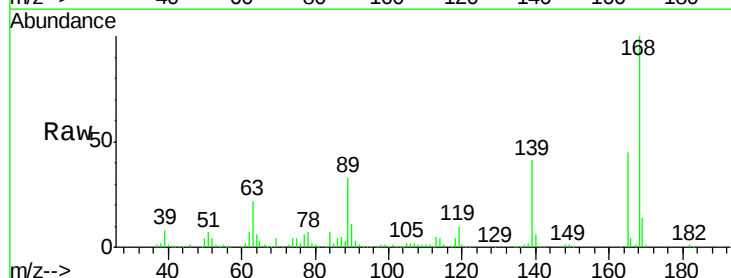
Ion Ratio Lower Upper

165 100

63 48.0 36.4 54.6

89 73.4 57.8 86.6

182 2.3 1.6 2.4

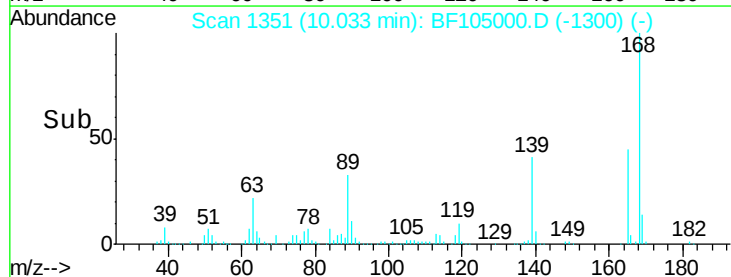
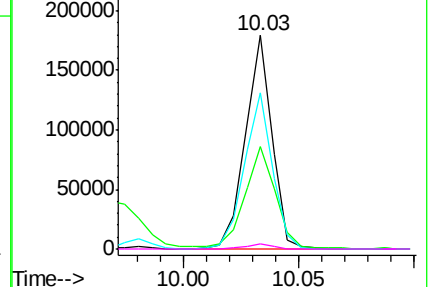


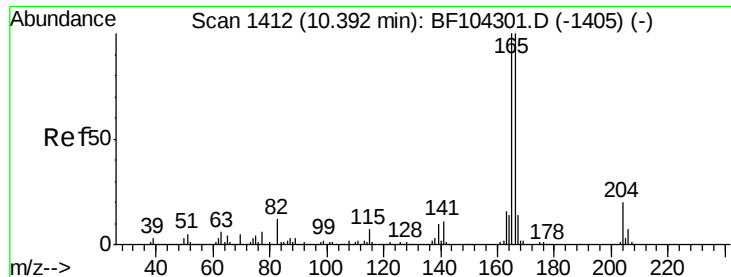
Abundance Ion 165.00 (164.70 to 165.70): E

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: 32.030 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

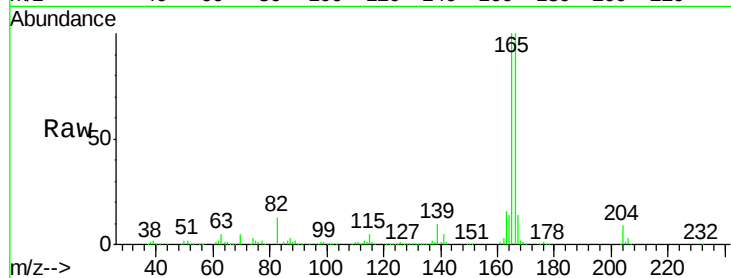
Tgt Ion:166 Resp: 469520

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

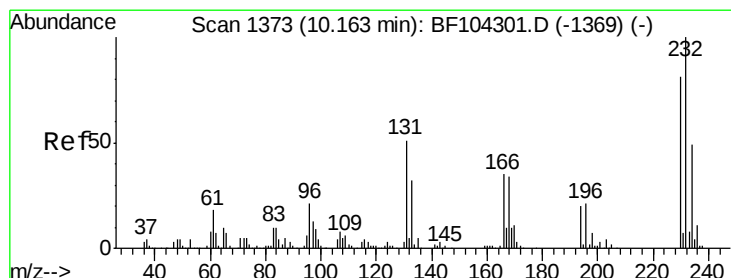
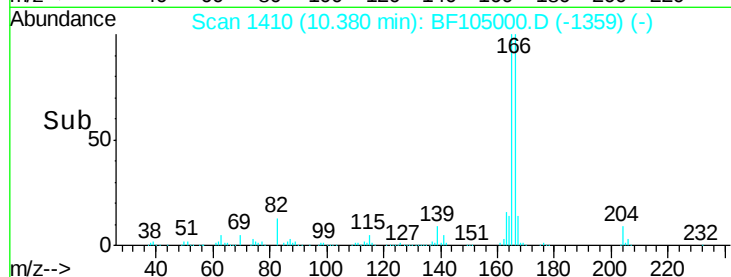
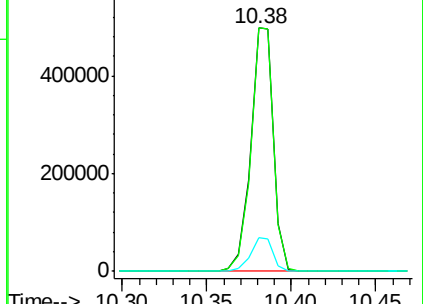
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.198 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Tgt Ion:232 Resp: 110200

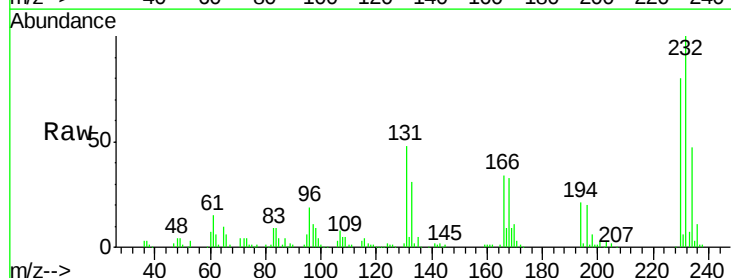
Ion Ratio Lower Upper

232 100

131 47.3 43.8 65.8

130 2.3 2.1 3.1

166 32.6 27.8 41.6

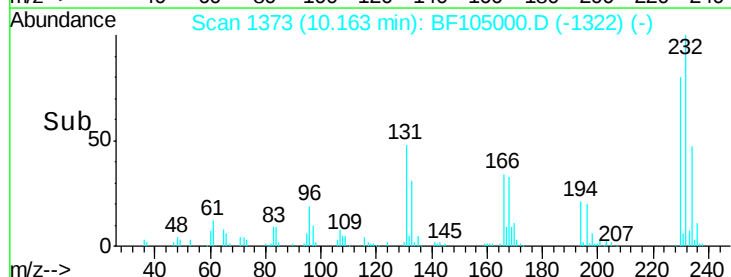
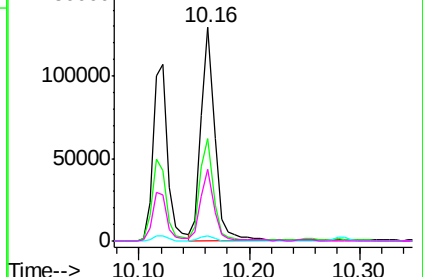


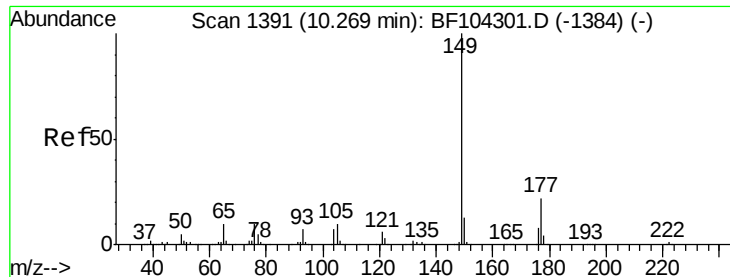
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 29.585 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

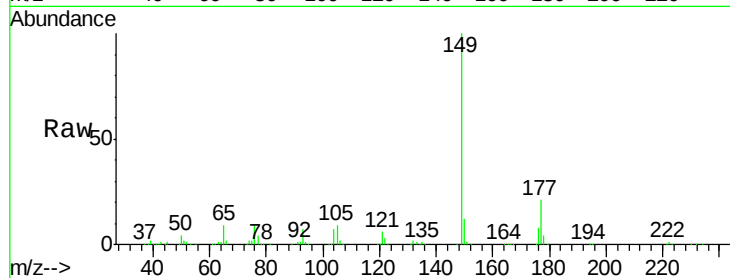
Tgt Ion:149 Resp: 528612

Ion Ratio Lower Upper

149 100

177 20.7 16.1 24.1

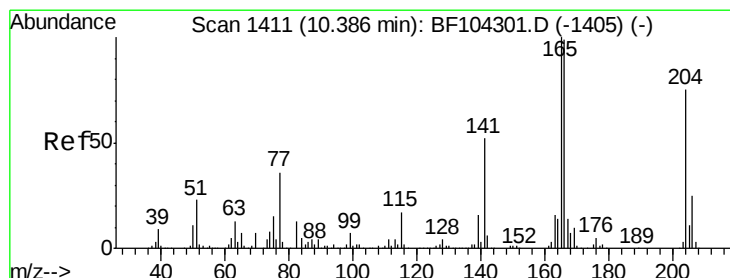
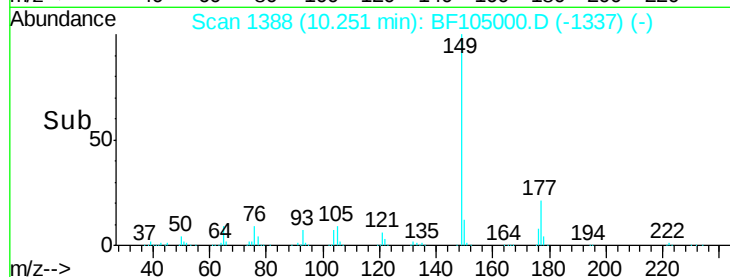
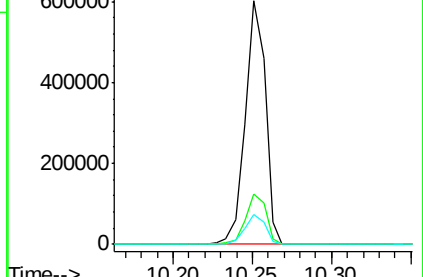
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.846 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

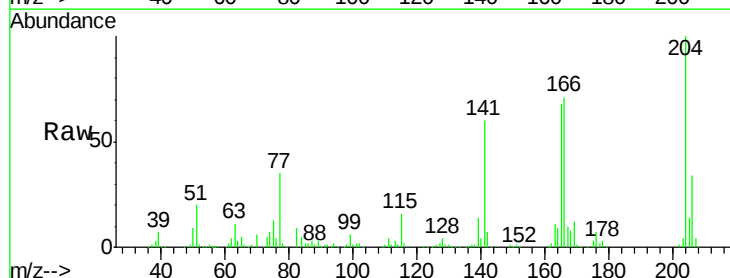
Tgt Ion:204 Resp: 220952

Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

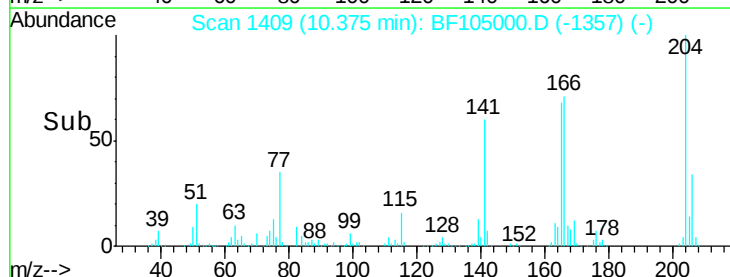
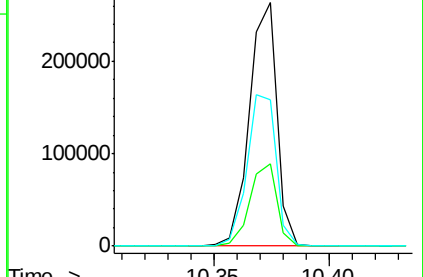
141 60.3 54.6 81.8

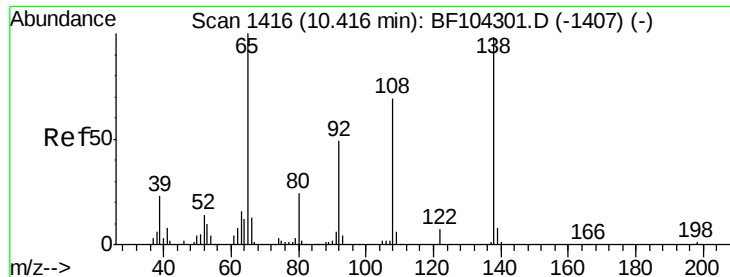


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

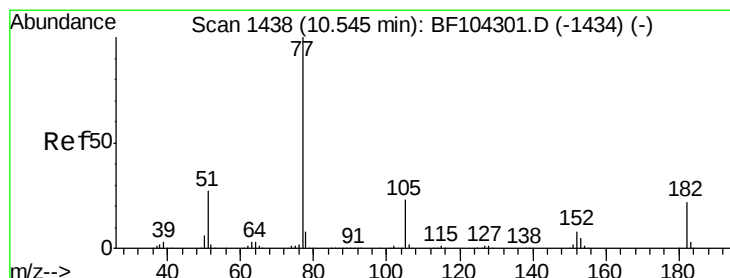
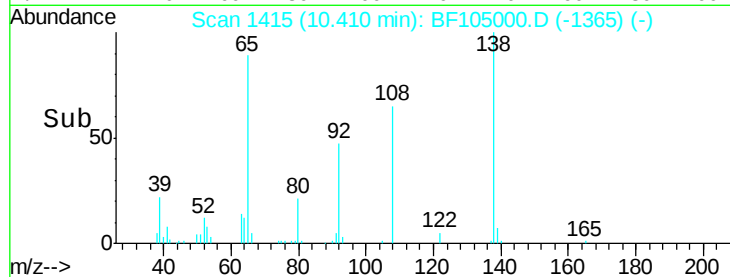
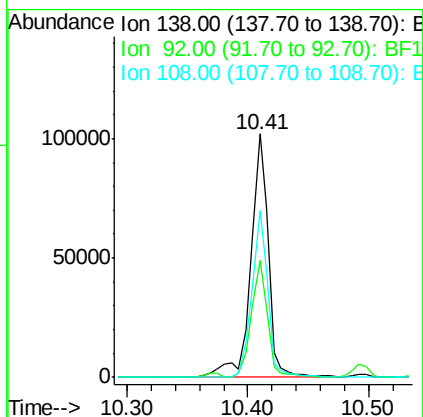
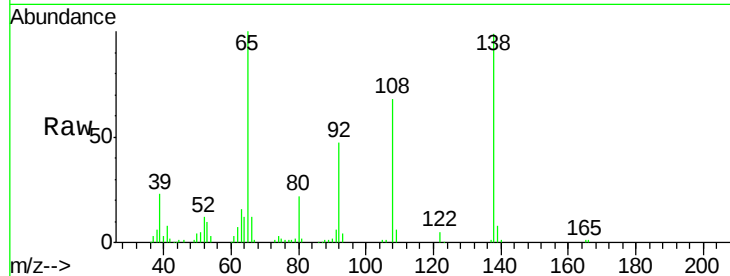




#61
4-Nitroaniline
Concen: 27.314 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

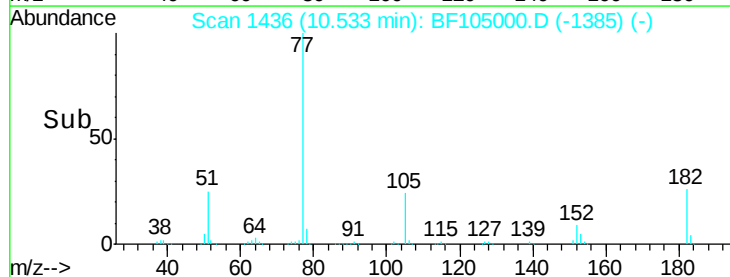
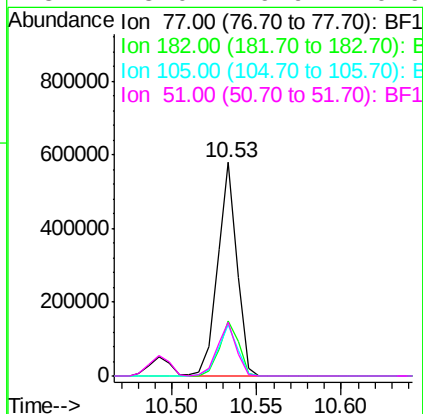
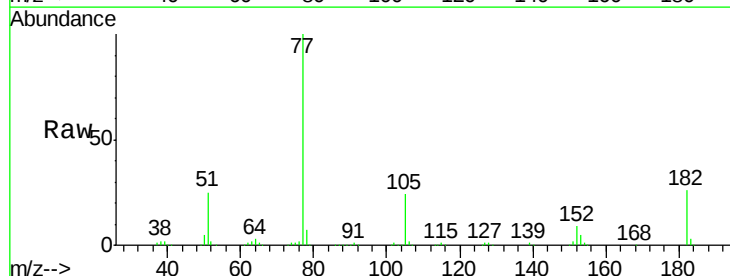
Instrument :
BNA_F
ClientSampleId :
PB108756BSD

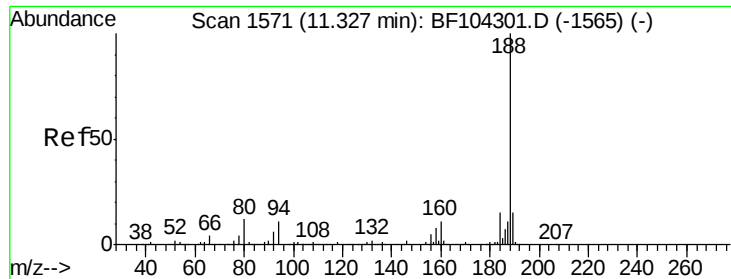
Tgt Ion:138 Resp: 103792
Ion Ratio Lower Upper
138 100
92 47.9 30.2 70.2
108 68.5 52.5 92.5



#62
Azobenzene
Concen: 27.040 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion: 77 Resp: 461590
Ion Ratio Lower Upper
77 100
182 25.6 1.7 41.7
105 23.8 3.0 43.0
51 25.0 9.9 49.9

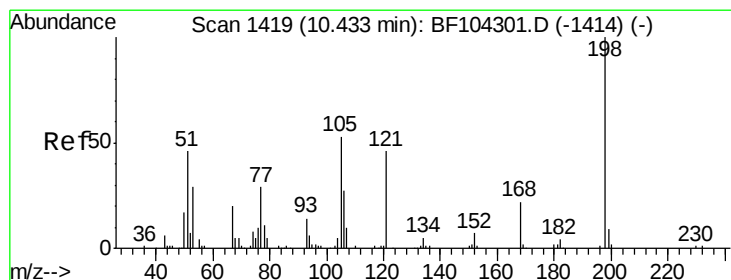
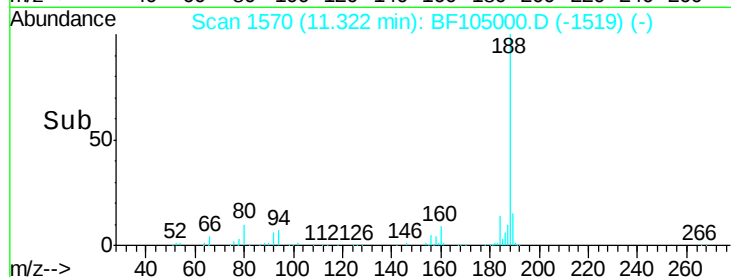
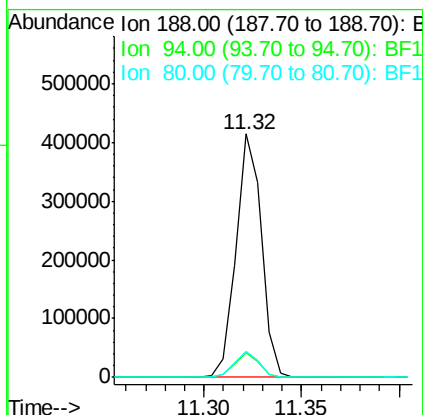
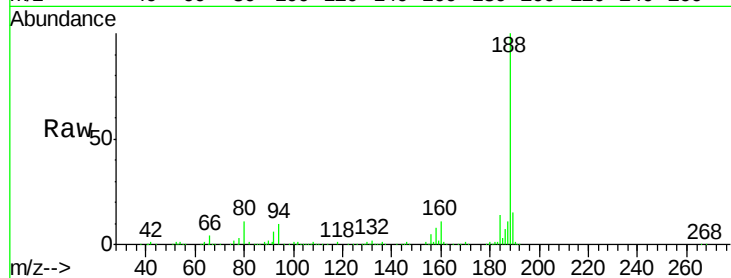




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

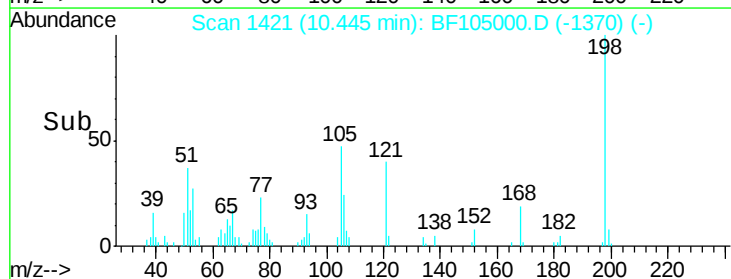
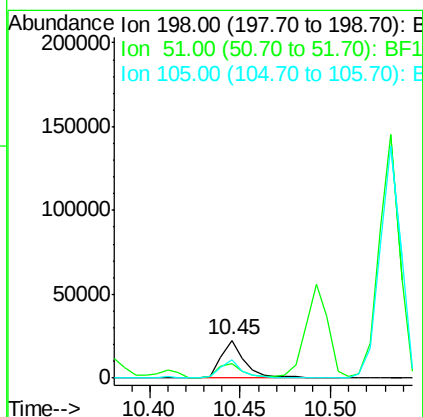
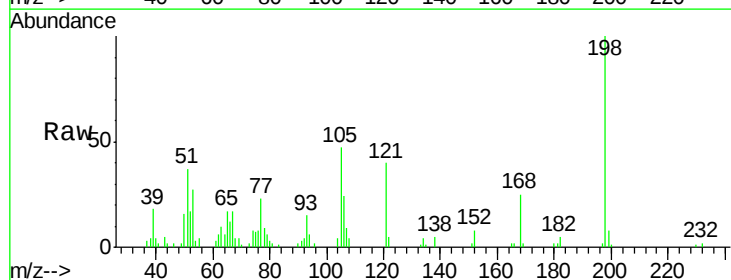
Instrument :
BNA_F
ClientSampleId :
PB108756BSD

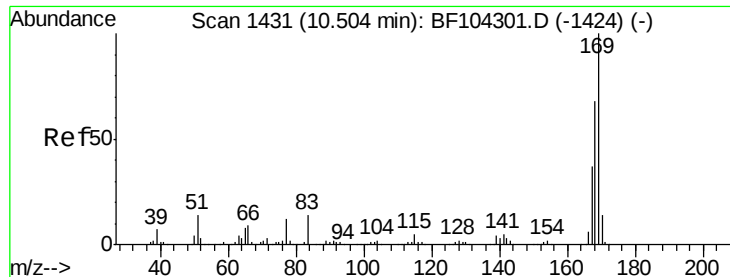
Tgt Ion:188 Resp: 373194
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 16.820 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion:198 Resp: 20329
Ion Ratio Lower Upper
198 100
51 37.1 37.7 77.7#
105 46.8 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 32.617 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

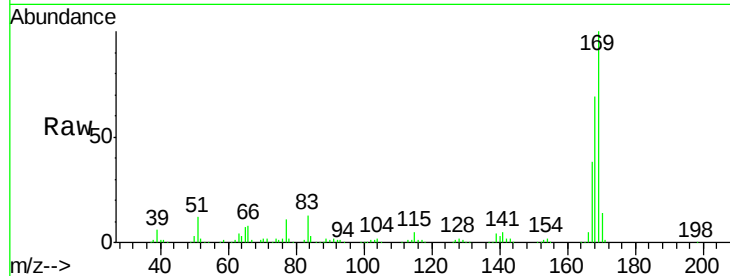
Tgt Ion:169 Resp: 422050

Ion Ratio Lower Upper

169 100

168 69.3 54.4 81.6

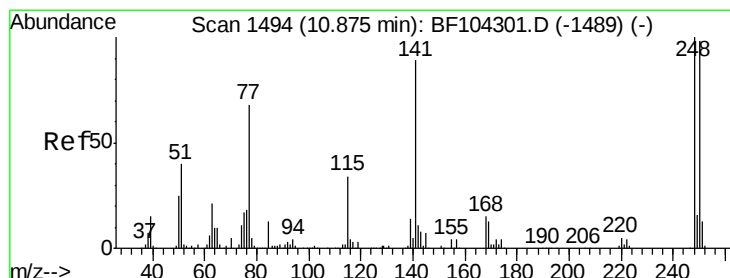
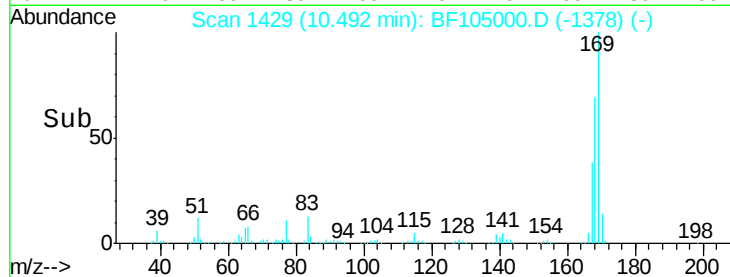
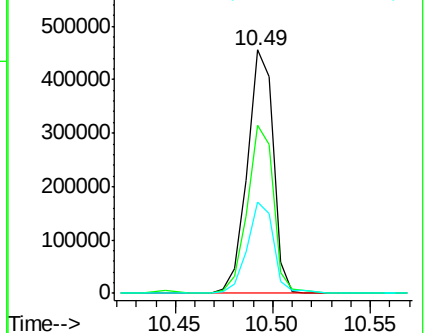
167 37.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.683 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

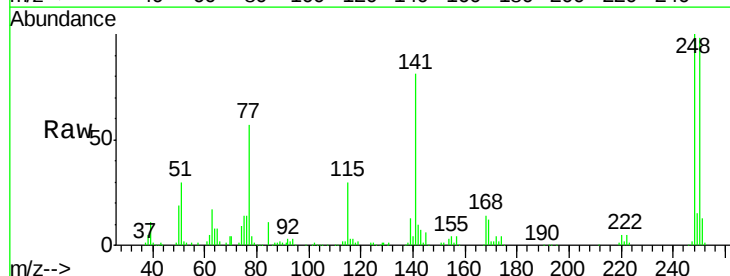
Tgt Ion:248 Resp: 133708

Ion Ratio Lower Upper

248 100

250 98.4 76.9 115.3

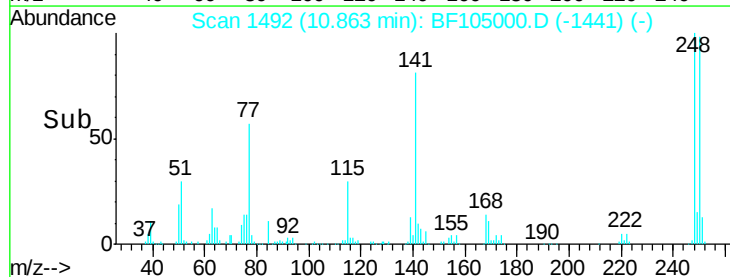
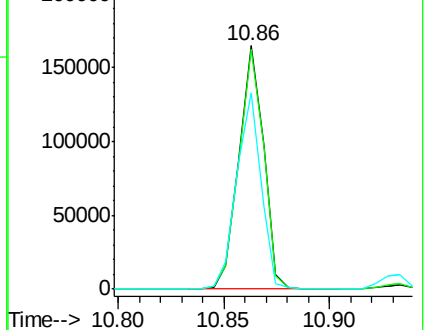
141 80.8 74.4 111.6

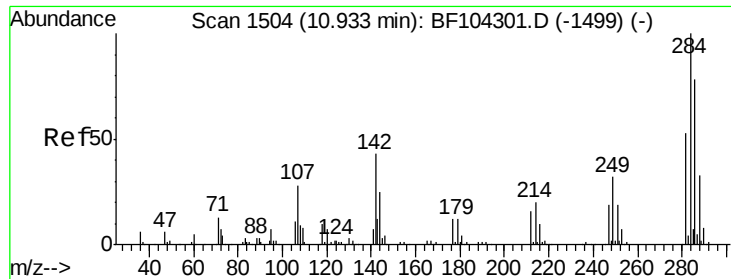


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

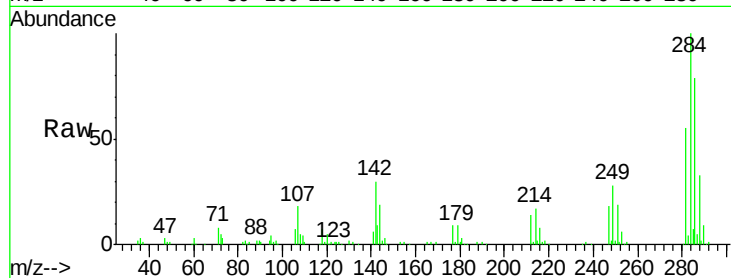




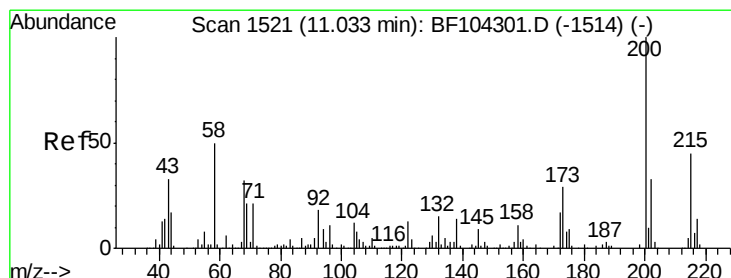
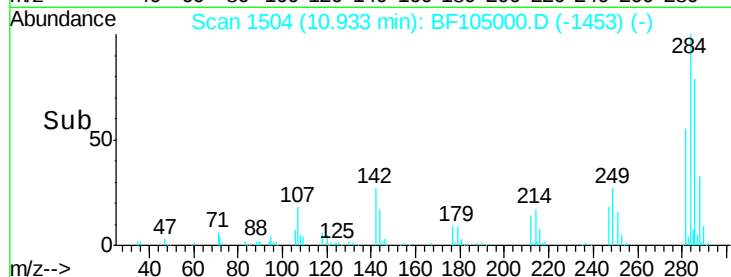
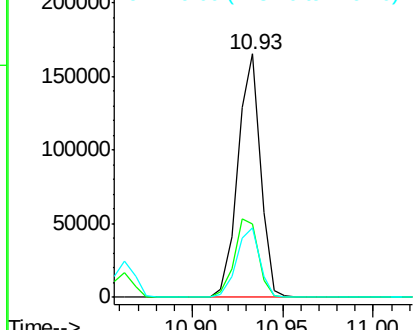
#67
Hexachlorobenzene
Concen: 32.024 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Instrument :
BNA_F
ClientSampleId :
PB108756BSD

Tgt Ion:284 Resp: 143041
Ion Ratio Lower Upper
284 100
142 30.3 34.6 52.0#
249 28.5 24.8 37.2

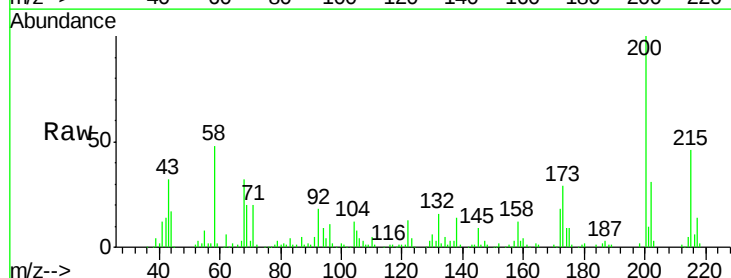


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

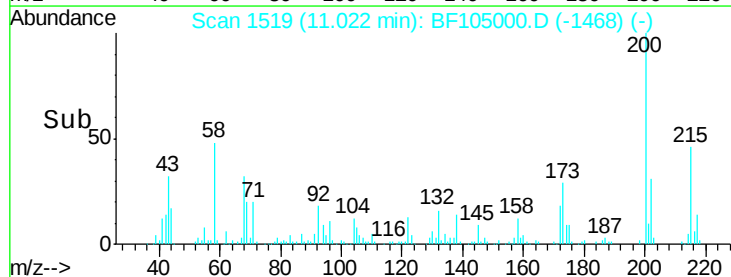
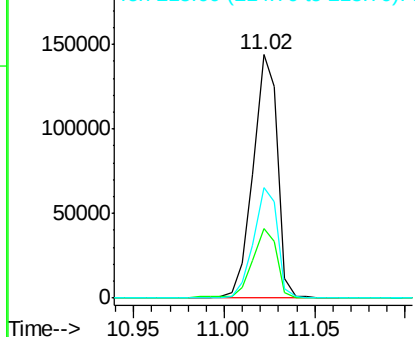


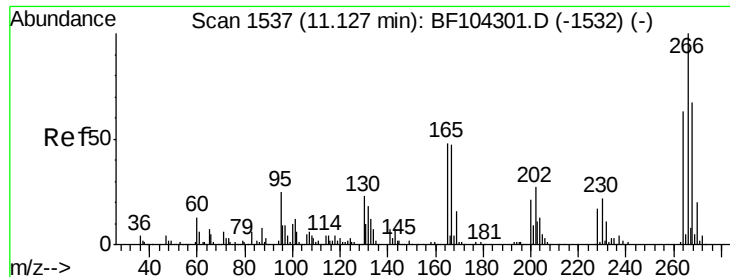
#68
Atrazine
Concen: 34.455 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion:200 Resp: 134574
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 45.5 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

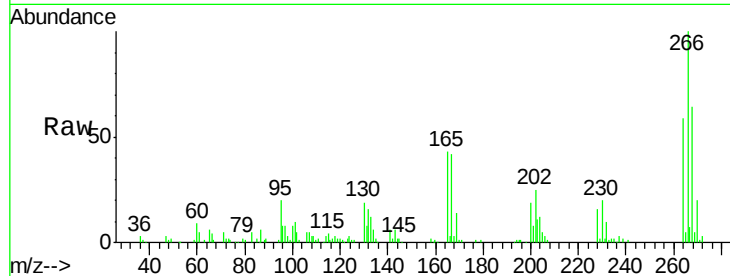




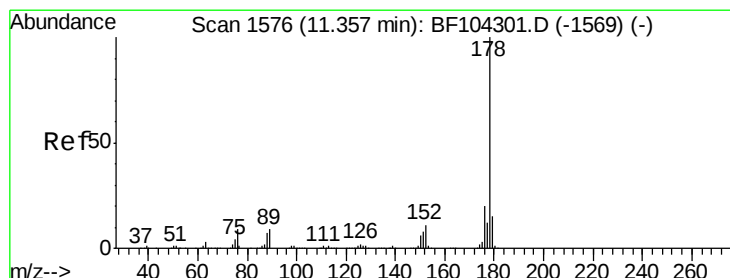
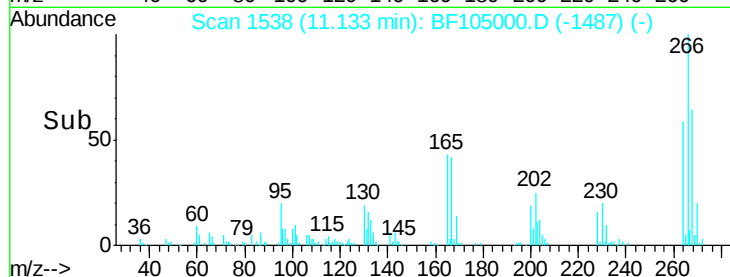
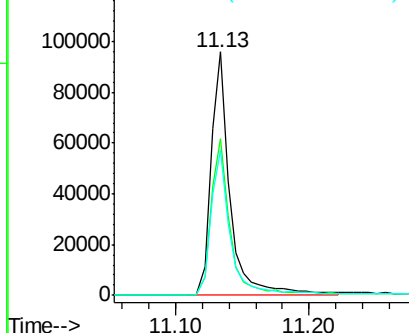
#69
 Pentachlorophenol
 Concen: 34.825 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tgt Ion: 266 Resp: 96230
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.1 76.7
 264 59.4 49.5 74.3

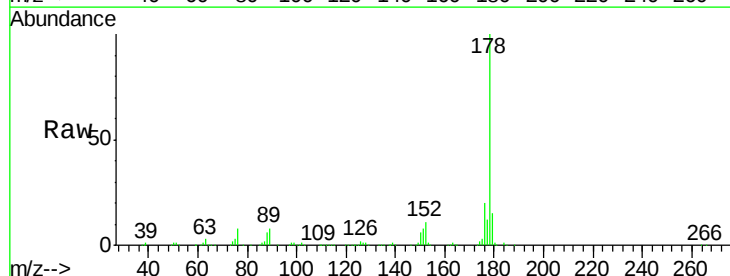


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

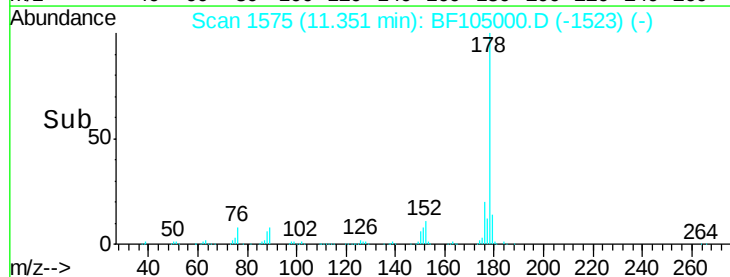
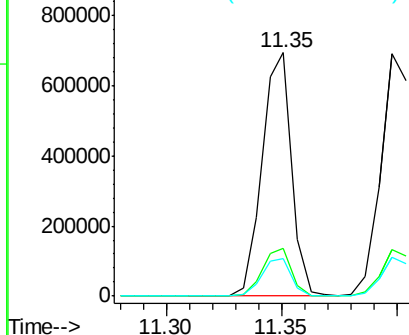


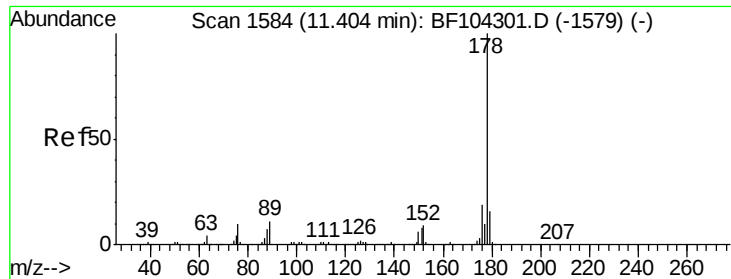
#70
 Phenanthrene
 Concen: 29.743 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion: 178 Resp: 618154
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.3 13.0 19.6



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

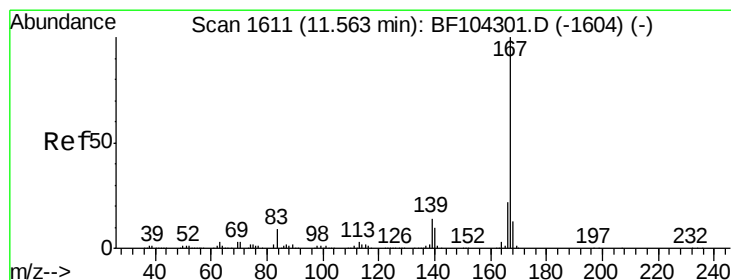
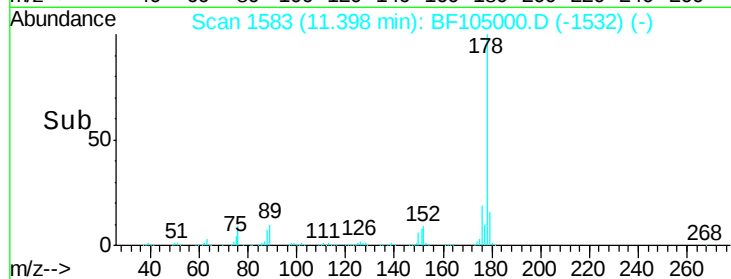
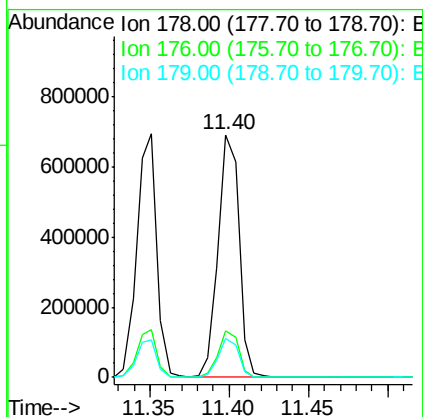
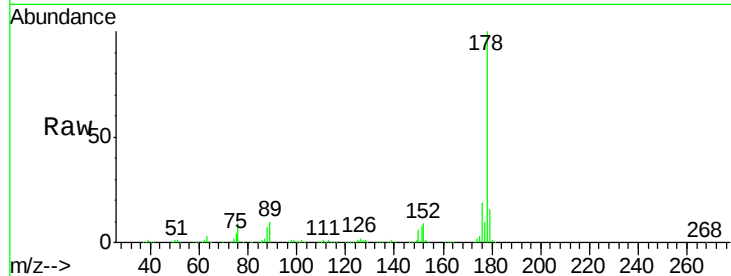




#71
 Anthracene
 Concen: 30.244 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

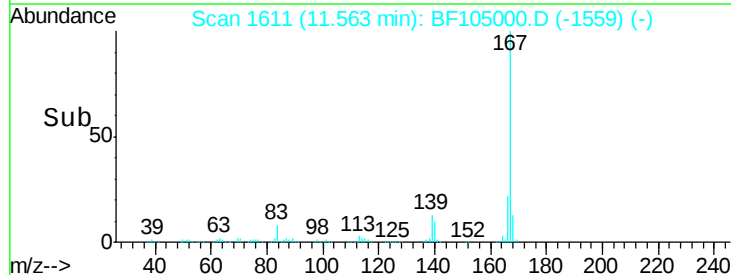
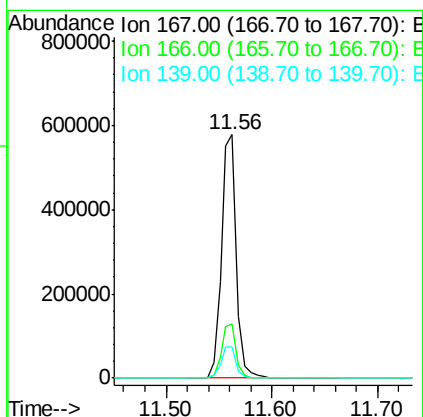
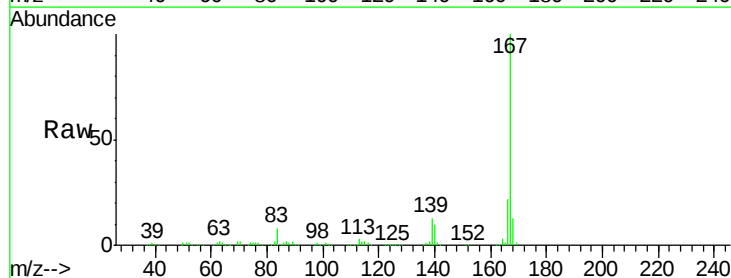
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

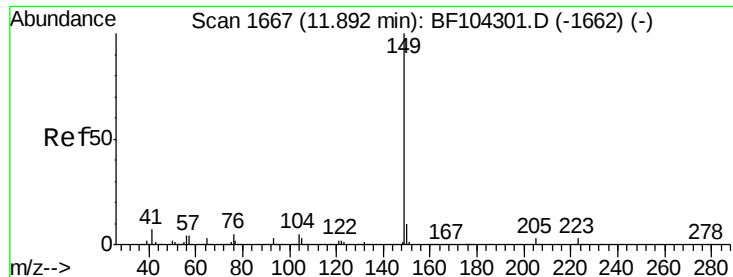
Tgt Ion:178 Resp: 638938
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 27.510 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion:167 Resp: 567907
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 30.776 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.01 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

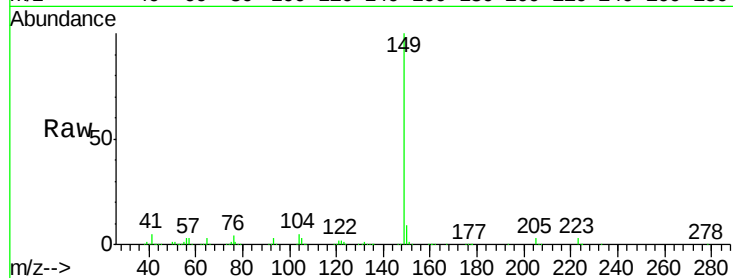
Tgt Ion:149 Resp: 776090

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

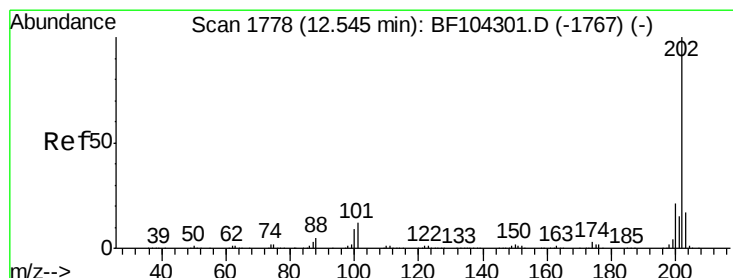
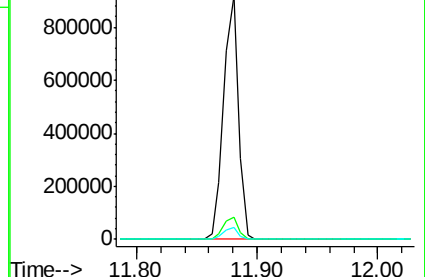
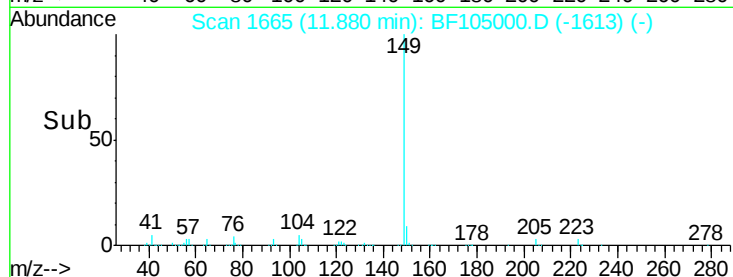
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 25.260 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

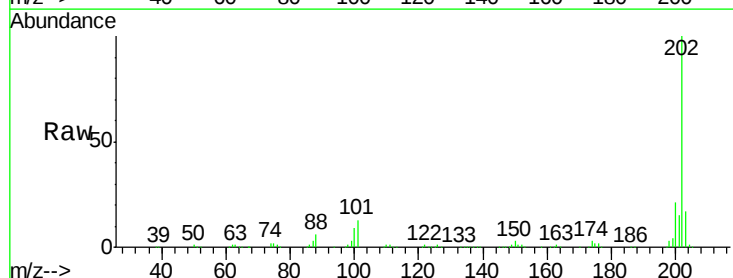
Tgt Ion:202 Resp: 548494

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

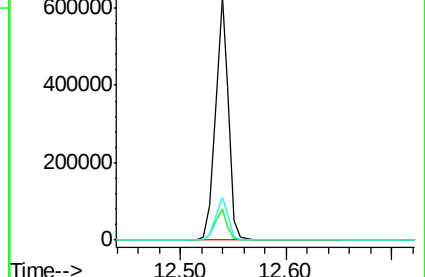
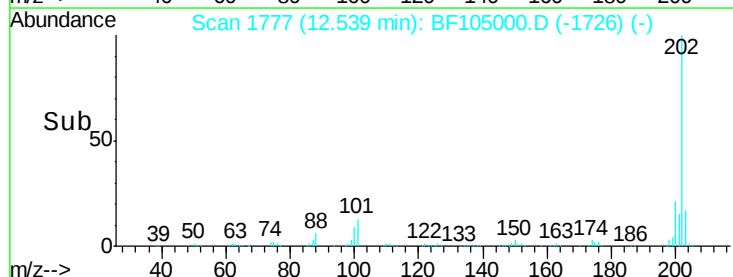
203 17.5 0.0 38.1

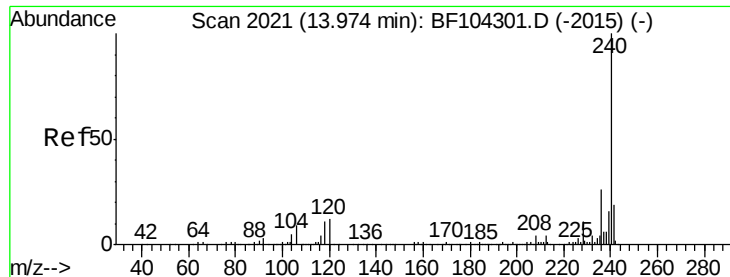


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 2027

Delta R.T. 0.04 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

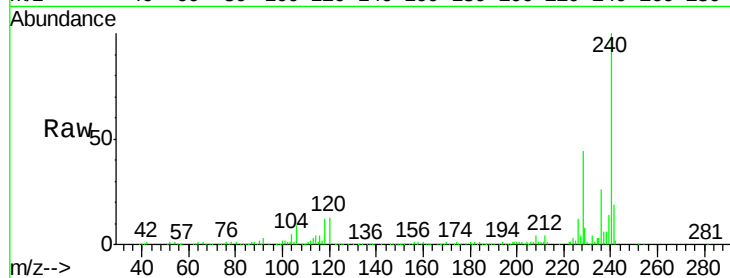
Tgt Ion:240 Resp: 225000

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

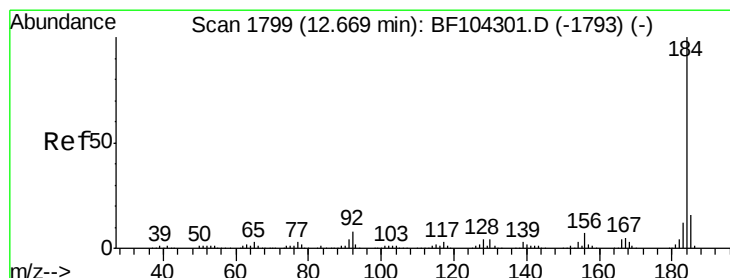
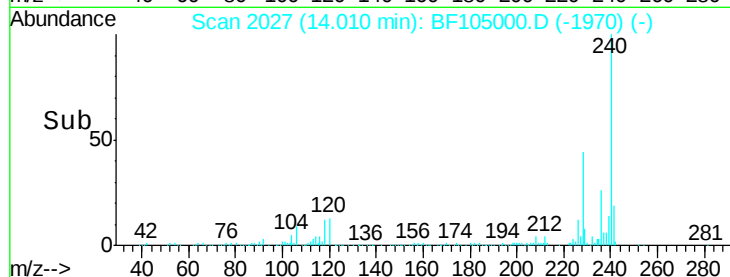
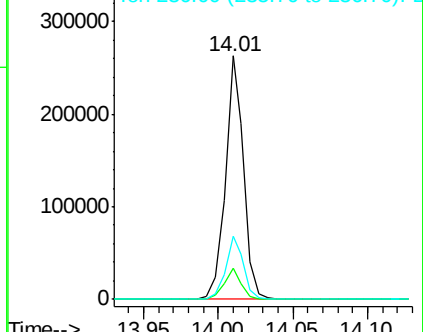
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.230 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

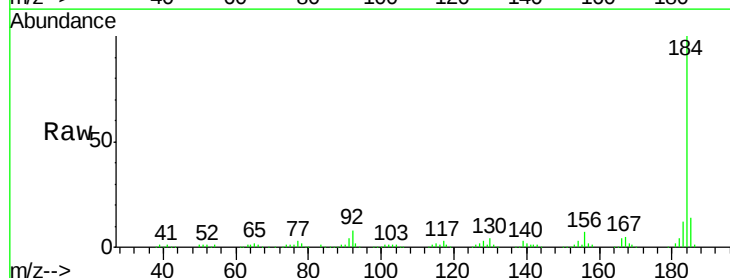
Tgt Ion:184 Resp: 254414

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

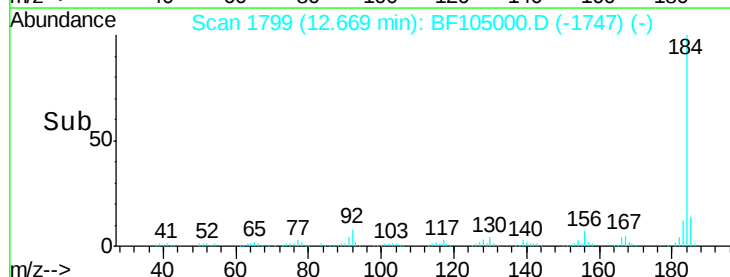
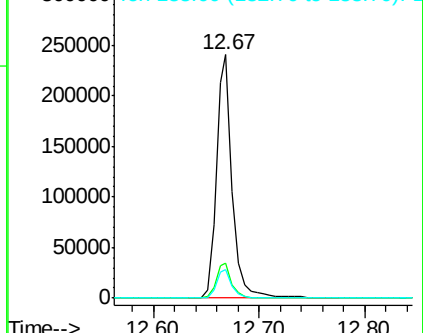
183 11.8 9.3 13.9

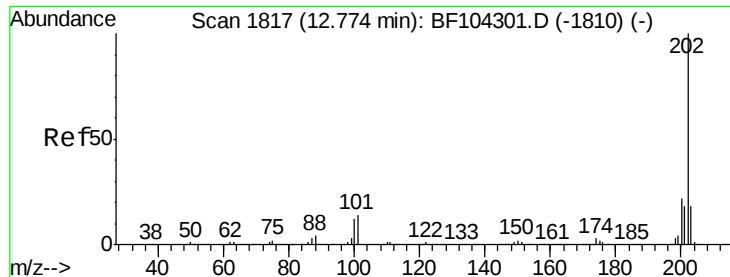


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

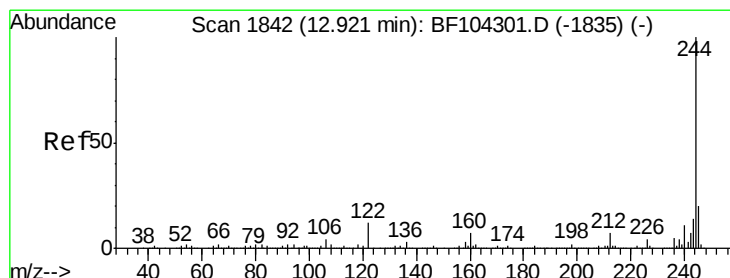
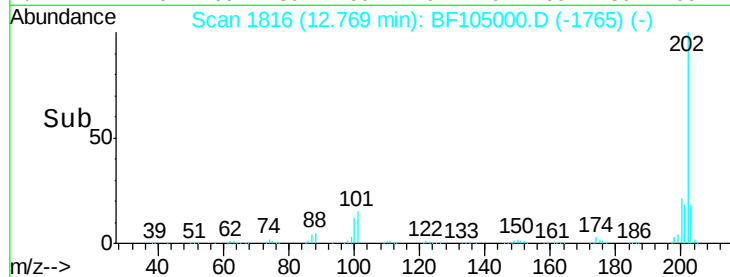
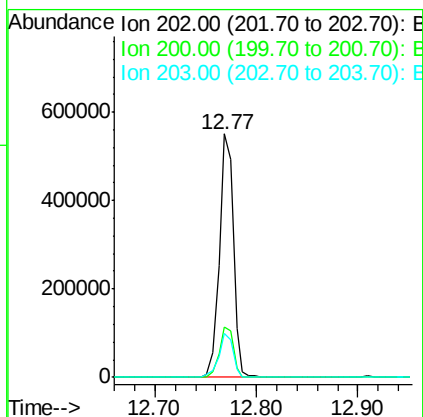
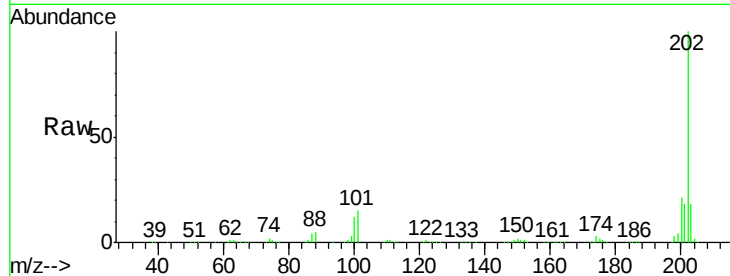




#77
 Pyrene
 Concen: 31.699 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

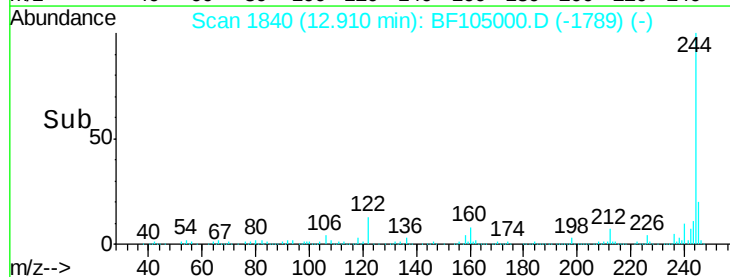
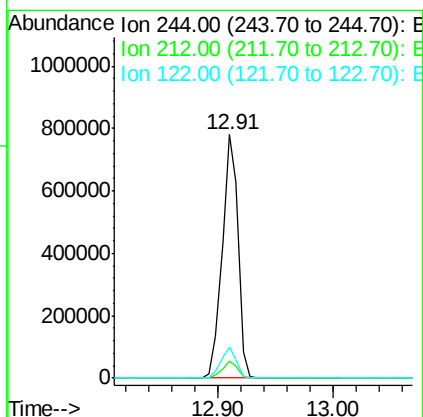
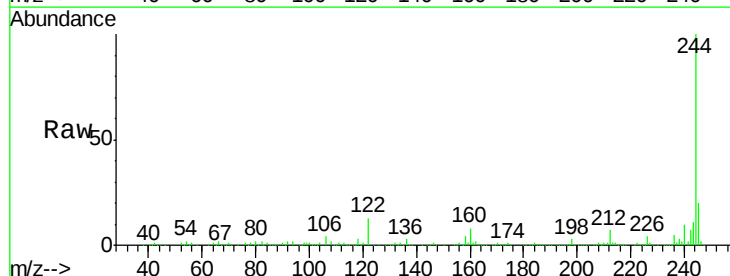
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

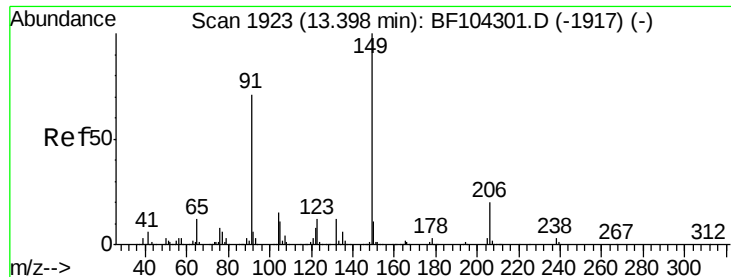
Tgt Ion: 202 Resp: 528667
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.4 26.2
 203 17.9 14.3 21.5



#78
 Terphenyl-d14
 Concen: 74.929 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion: 244 Resp: 739483
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.9 11.0 16.4

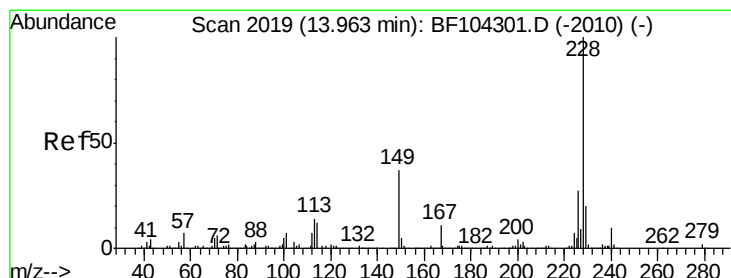
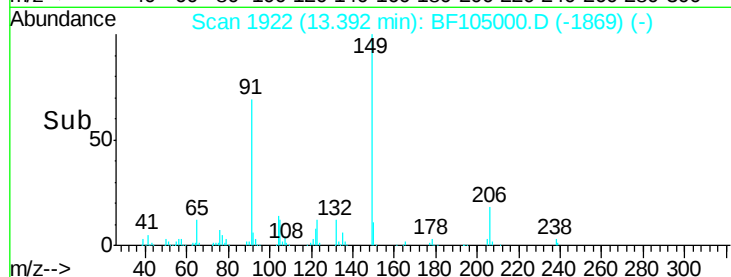
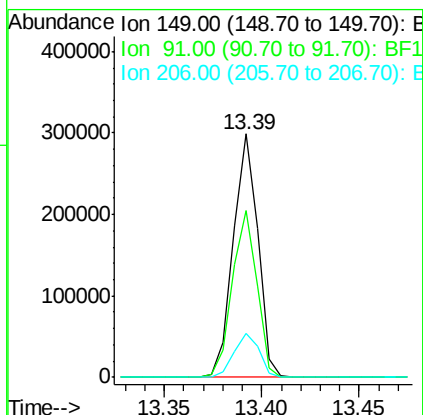
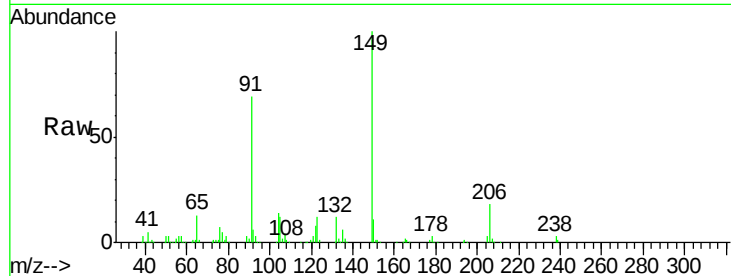




#79
Butylbenzylphthalate
Concen: 33.340 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

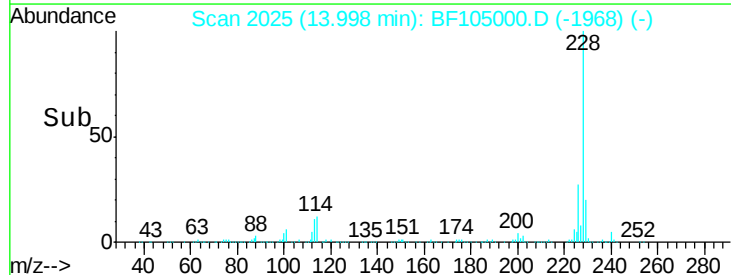
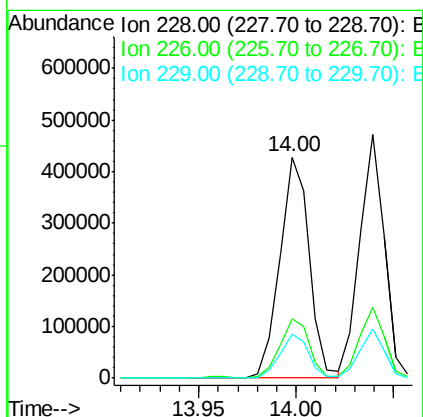
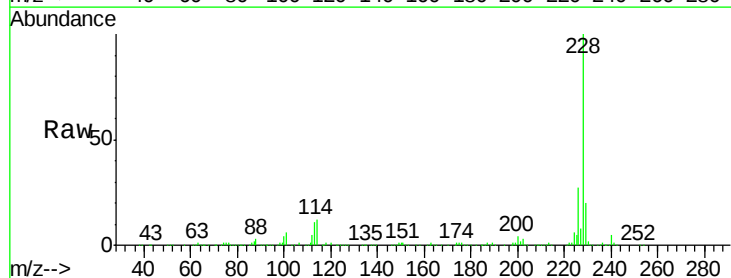
Instrument :
BNA_F
ClientSampleId :
PB108756BSD

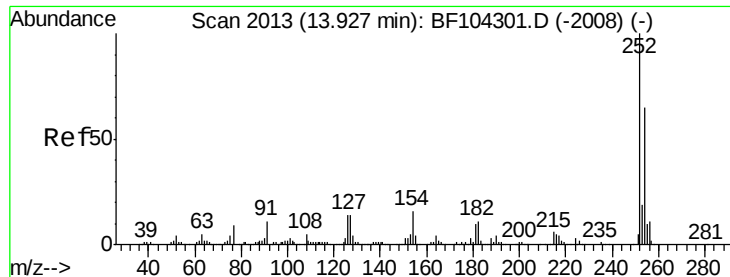
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.8	85.2
206	18.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 33.165 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.04 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	20.1	15.8	23.6

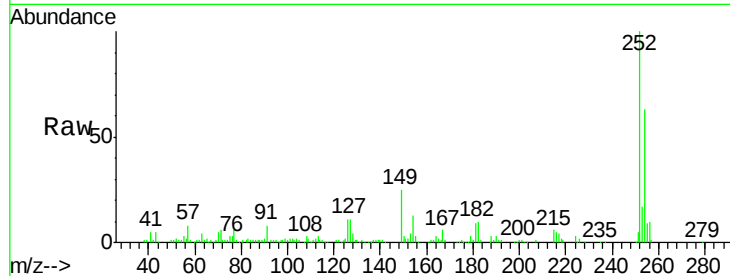




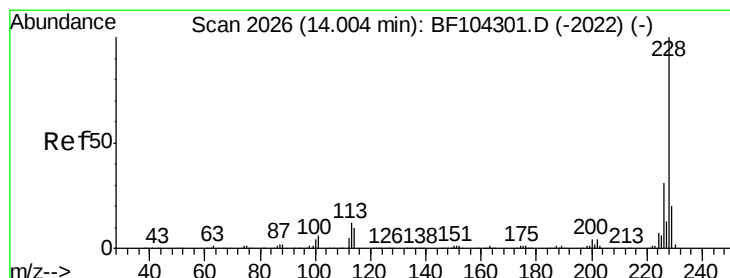
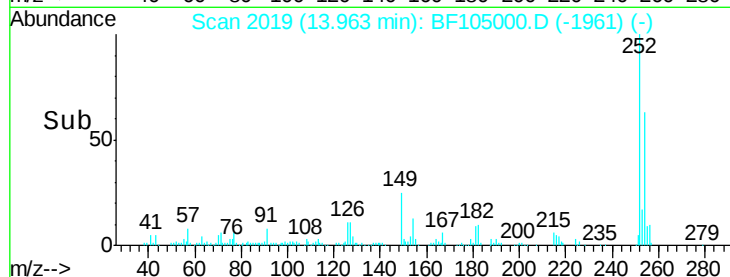
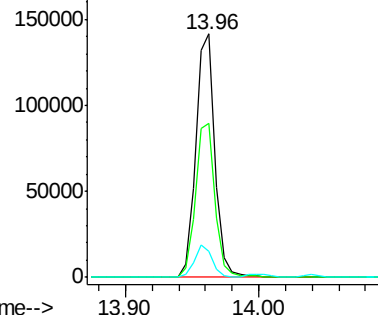
#81
 3,3'-Dichlorobenzidine
 Concen: 28.690 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.04 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

Tgt Ion:252 Resp: 143790
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.4 75.6
 126 10.9 11.3 16.9#

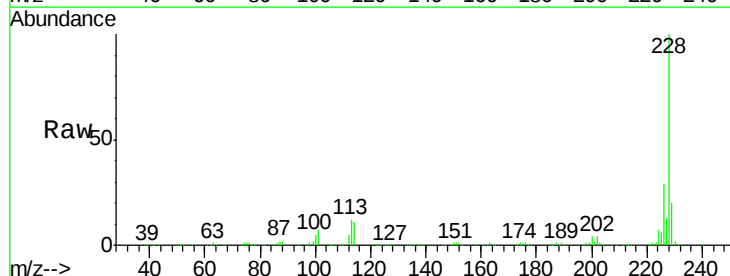


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

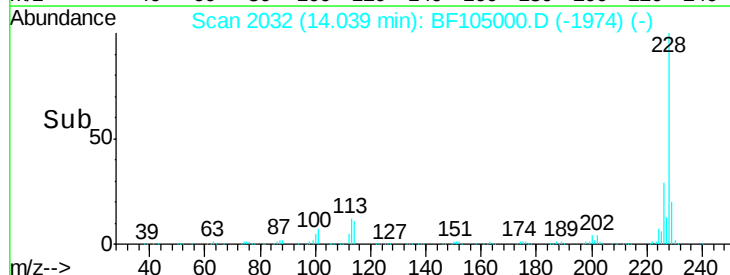
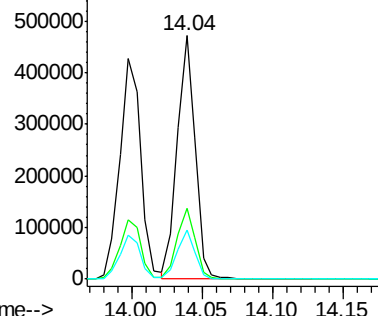


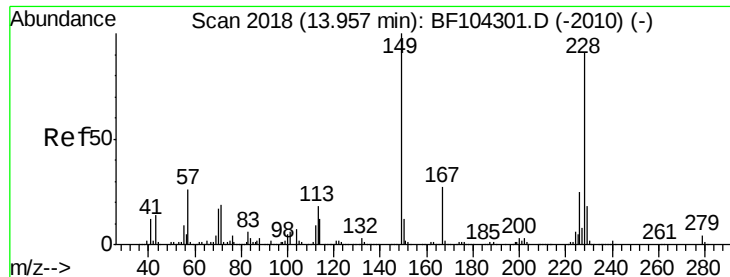
#82
 Chrysene
 Concen: 30.296 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.04 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion:228 Resp: 418292
 Ion Ratio Lower Upper
 228 100
 226 29.3 25.0 37.6
 229 20.0 16.2 24.4



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

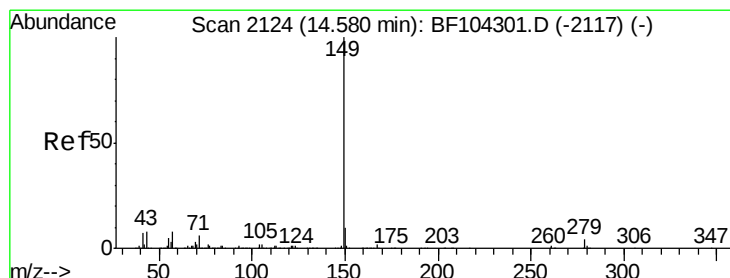
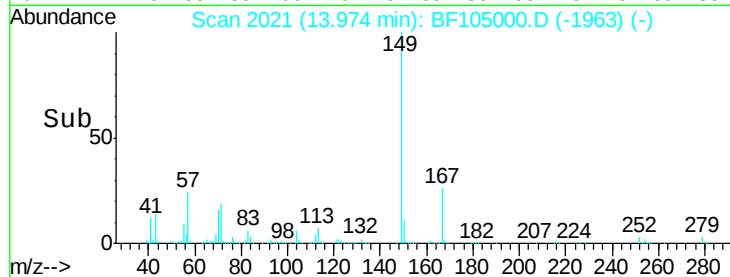
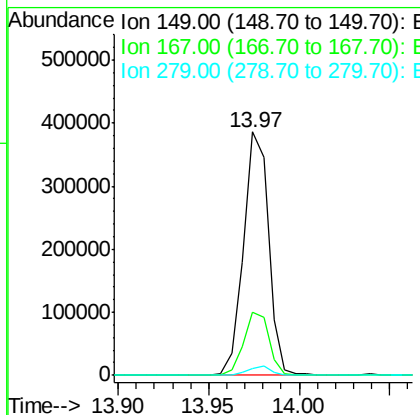
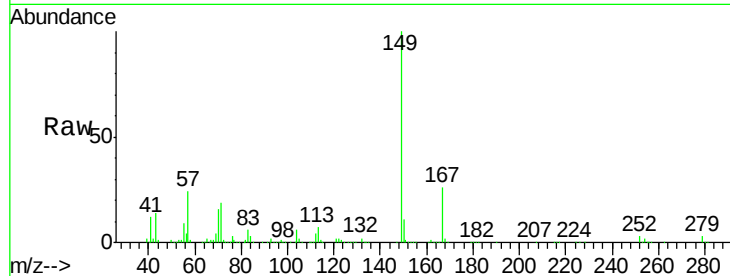




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.772 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.04 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

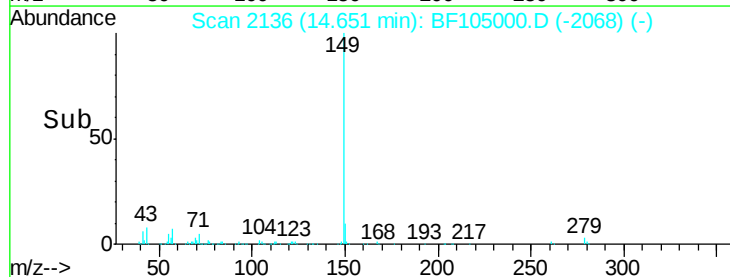
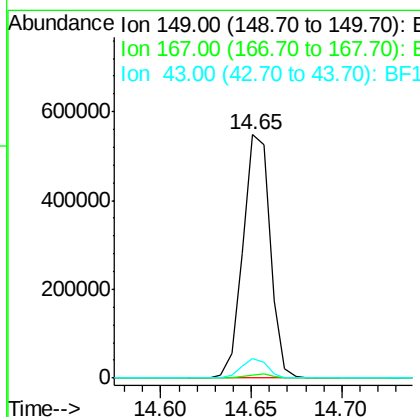
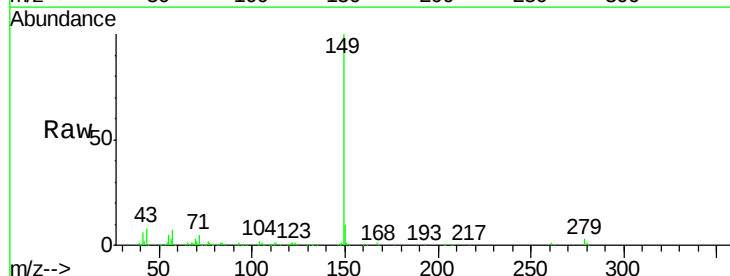
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

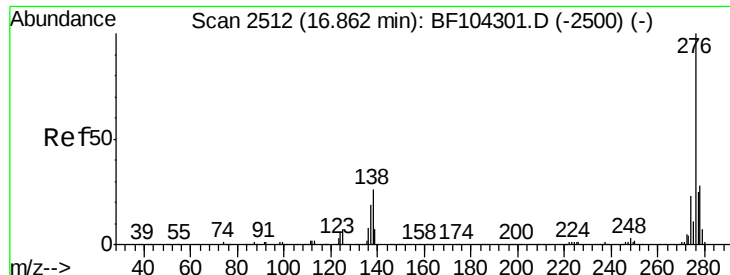
Tgt Ion:149 Resp: 371623
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.3 31.9
 279 3.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 33.830 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. 0.10 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion:149 Resp: 571275
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.6 8.4 12.6#

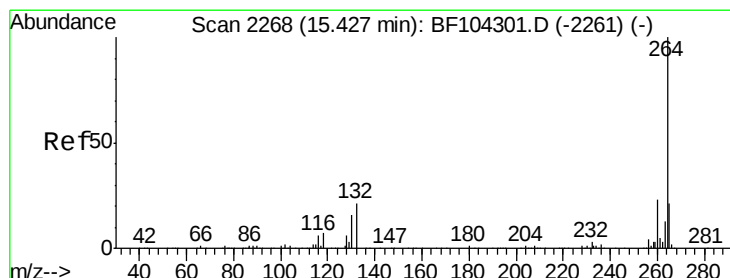
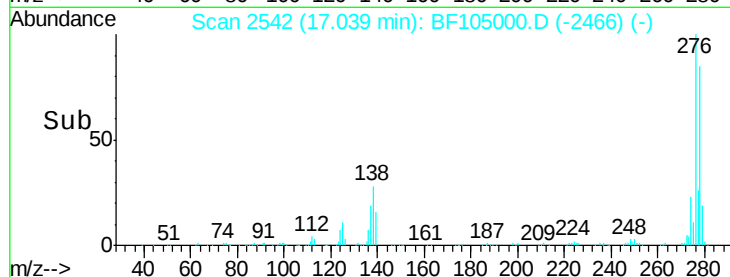
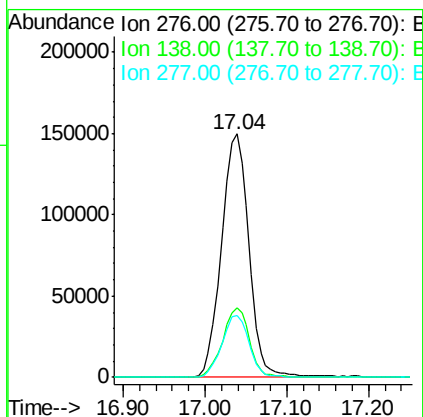
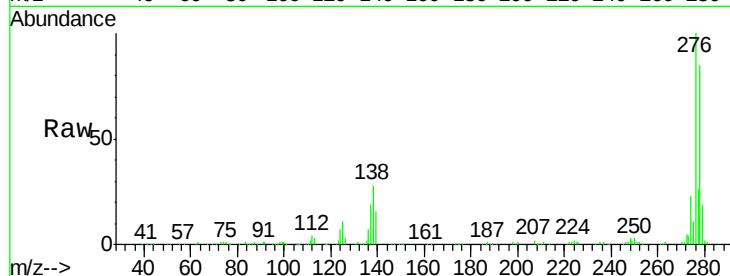




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.929 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. 0.15 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

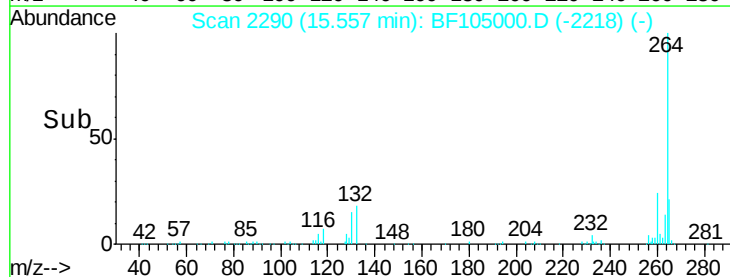
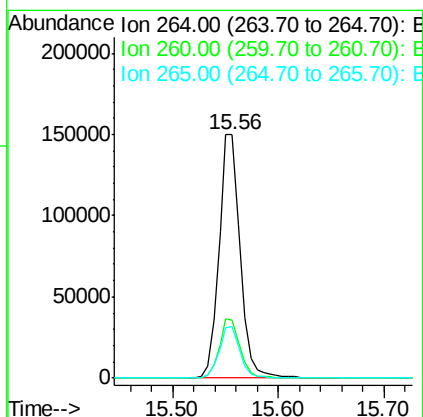
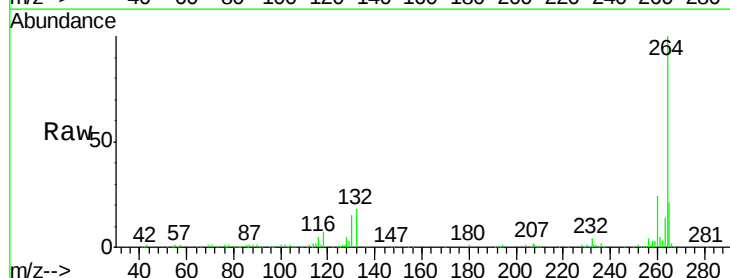
Instrument :
 BNA_F
 ClientSampleId :
 PB108756BSD

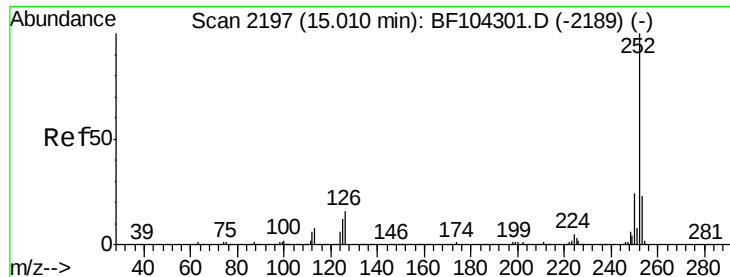
Tgt Ion: 276 Resp: 351022
 Ion Ratio Lower Upper
 276 100
 138 28.1 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.12 min
 Lab File: BF105000.D
 Acq: 1 May 2018 22:33

Tgt Ion: 264 Resp: 210181
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.3 17.5 26.3

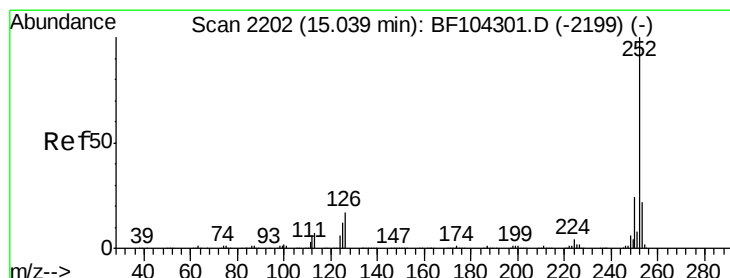
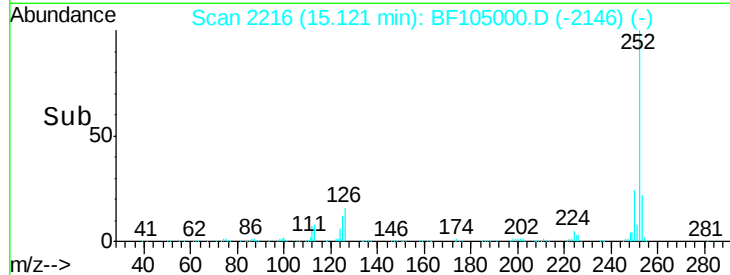
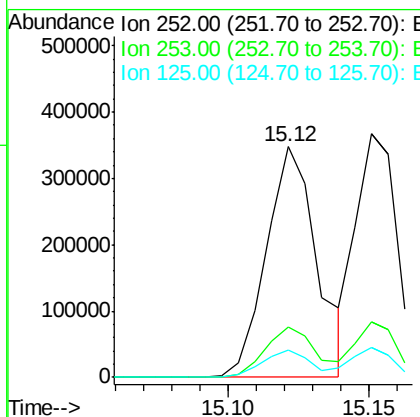
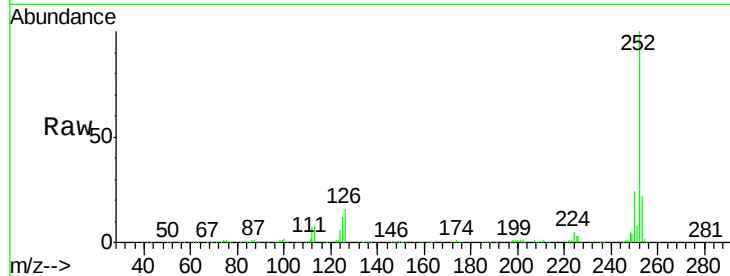




#87
Benzo(b)fluoranthene
Concen: 32.683 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.11 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

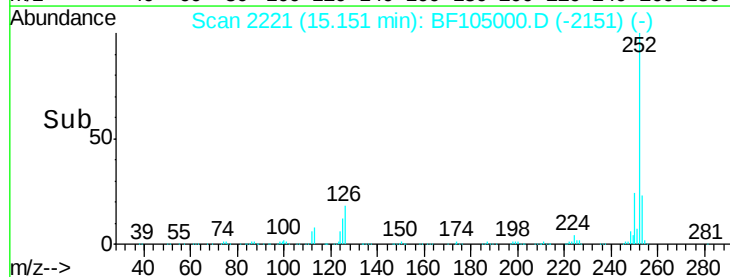
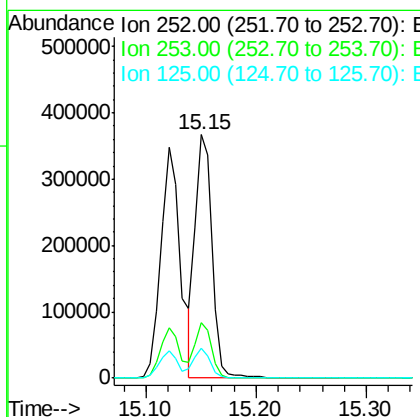
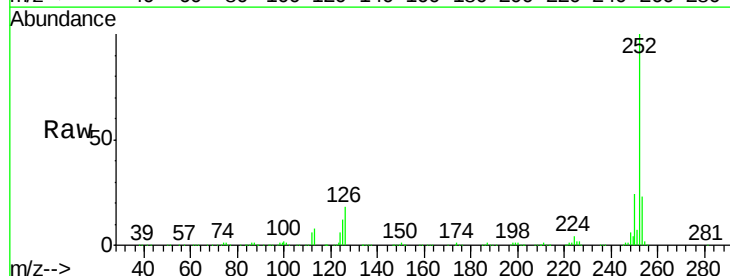
Instrument :
BNA_F
ClientSampleId :
PB108756BSD

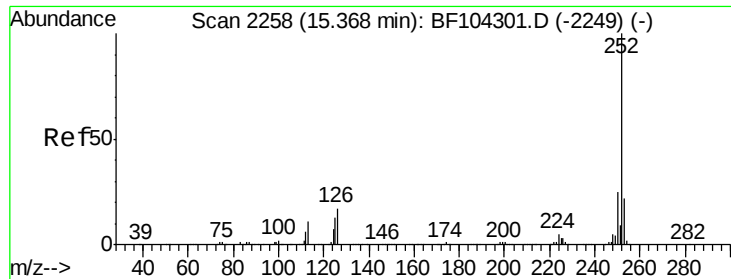
Tgt Ion:252 Resp: 433861
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 30.313 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.11 min
Lab File: BF105000.D
Acq: 1 May 2018 22:33

Tgt Ion:252 Resp: 379900
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 32.381 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.12 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD

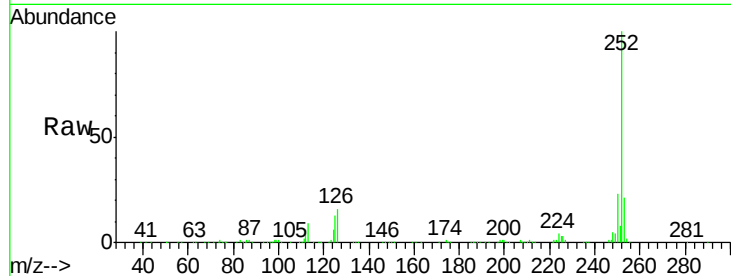
Tgt Ion:252 Resp: 384609

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

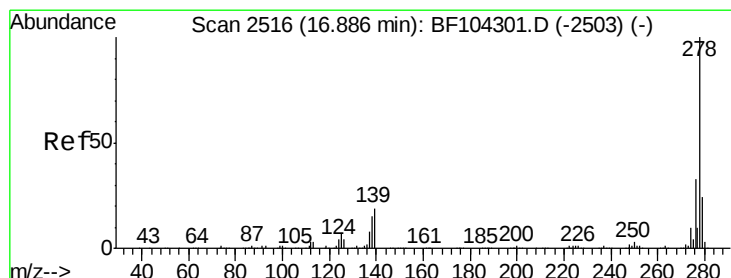
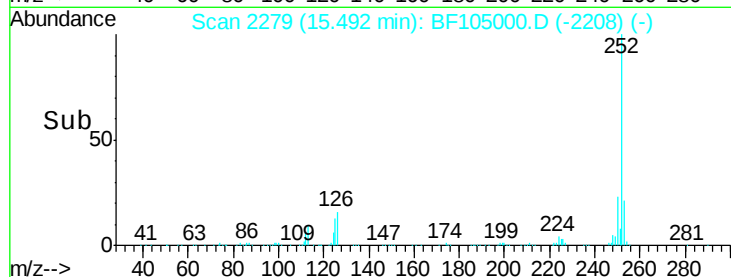
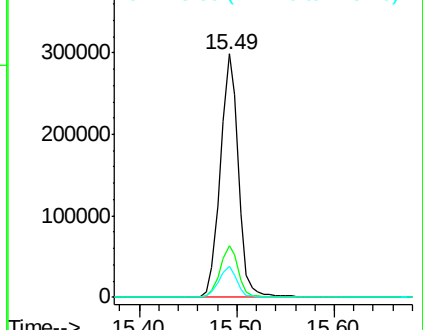
125 12.9 9.8 14.6



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: 31.108 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.14 min

Lab File: BF105000.D

Acq: 1 May 2018 22:33

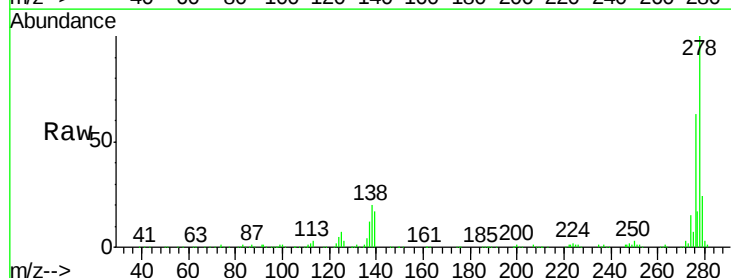
Tgt Ion:278 Resp: 303459

Ion Ratio Lower Upper

278 100

139 16.6 15.9 23.9

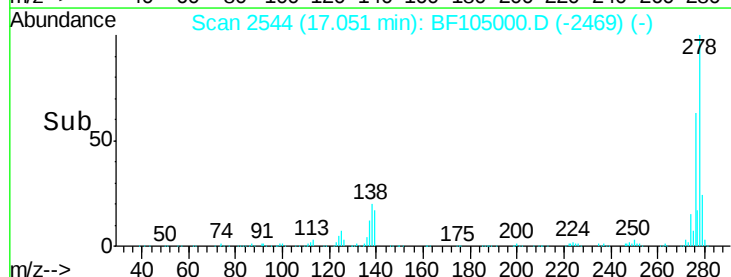
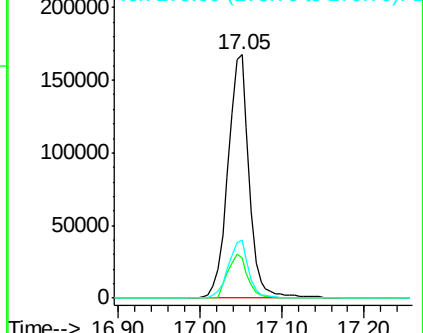
279 23.9 19.0 28.4

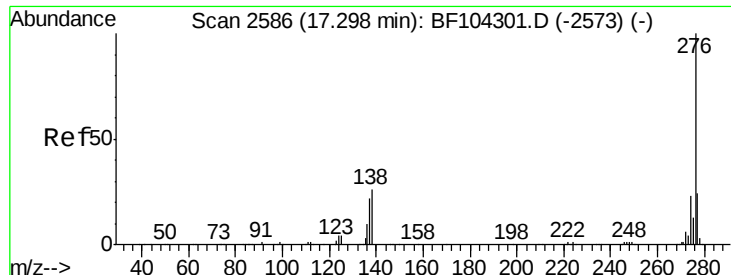


Abundance Ion 278.00 (277.70 to 278.70): E

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: 29.211 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.14 min

Lab File: BF105000.D

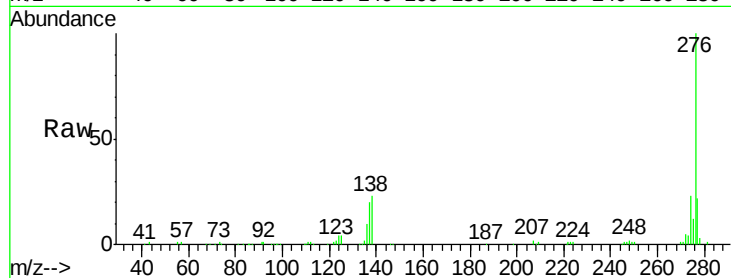
Acq: 1 May 2018 22:33

Instrument :

BNA_F

ClientSampleId :

PB108756BSD



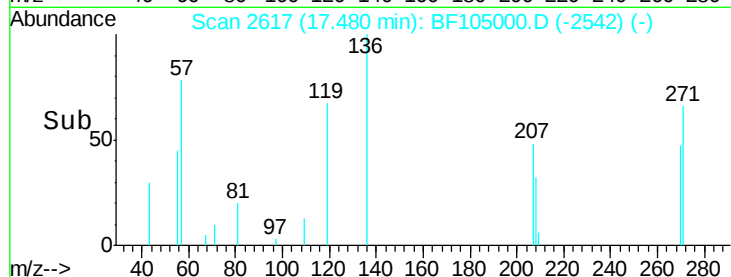
Tgt Ion: 276 Resp: 276075

Ion Ratio Lower Upper

276 100

277 22.3 17.9 26.9

138 23.5 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

