

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104500.D
 Acq On : 14 Apr 2018 2:22
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 14 05:19:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129983	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	511386	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	215498	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	324145	20.00	ng	0.00
75) Chrysene-d12	13.99	240	240715	20.00	ng	0.00
86) Perylene-d12	15.46	264	196705	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	625153	73.54	ng	0.00
7) Phenol-d6	6.45	99	754470	72.23	ng	0.00
23) Nitrobenzene-d5	7.38	82	666952	85.16	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	148563	66.46	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1105316	81.03	ng	0.00
78) Terphenyl-d14	12.93	244	798466	75.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	145736	36.792	ng	88
3) Pyridine	3.25	79	407906	36.627	ng	87
4) n-Nitrosodimethylamine	3.21	42	135961	34.925	ng	84
6) Aniline	6.47	93	500728	34.506	ng	99
8) 2-Chlorophenol	6.60	128	338557	37.733	ng	95
9) Benzaldehyde	6.36	77	199569	36.781	ng	94
10) Phenol	6.46	94	412333	37.206	ng	82
11) bis(2-Chloroethyl)ether	6.55	93	323123	36.537	ng	93
12) 1,3-Dichlorobenzene	6.75	146	384931	37.869	ng	98
13) 1,4-Dichlorobenzene	6.83	146	384424	37.940	ng	99
14) 1,2-Dichlorobenzene	6.98	146	354773	37.783	ng	99
15) Benzyl Alcohol	6.96	79	279360	35.214	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	401171	33.778	ng	88
17) 2-Methylphenol	7.07	107	285787	36.643	ng	97
18) Hexachloroethane	7.32	117	119142	32.979	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	222872	32.654	ng	94
20) 3+4-Methylphenols	7.22	107	335926	34.728	ng	# 61
22) Acetophenone	7.22	105	459729	36.515	ng	95
24) Nitrobenzene	7.40	77	353475	40.880	ng	98
25) Isophorone	7.63	82	599444	36.196	ng	98
26) 2-Nitrophenol	7.71	139	164022	46.597	ng	96
27) 2,4-Dimethylphenol	7.75	122	256673	35.118	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	376655	37.199	ng	99
29) 2,4-Dichlorophenol	7.96	162	261793	37.540	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	301300	39.368	ng	99
31) Naphthalene	8.12	128	954275	37.475	ng	99
32) Benzoic acid	7.87	122	150203	25.756	ng	98
33) 4-Chloroaniline	8.17	127	400693	36.729	ng	98
34) Hexachlorobutadiene	8.23	225	167952	40.064	ng	100
35) Caprolactam	8.55	113	86029	35.362	ng	# 82
36) 4-Chloro-3-methylphenol	8.65	107	268948	35.967	ng	99
37) 2-Methylnaphthalene	8.81	142	599553	36.399	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	266697	43.233	ng	98
40) Hexachlorocyclopentadiene	8.96	237	20019	5.797	ng	96

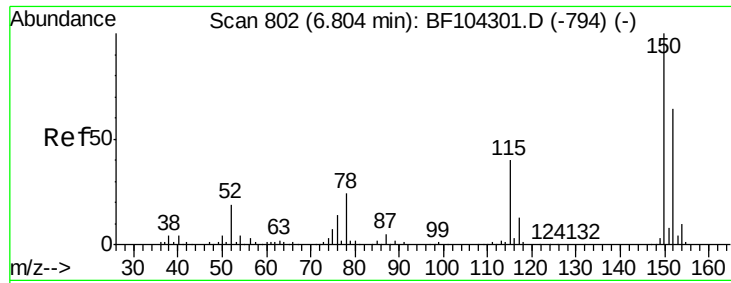
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104500.D
 Acq On : 14 Apr 2018 2:22
 Operator : JU/SJ
 Sample : SSTDCCC040
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	170120	39.726	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	185968	38.808	nq	95
45) 1,1'-Biphenyl	9.27	154	721375	39.848	nq	99
46) 2-Chloronaphthalene	9.30	162	569288	39.812	nq	99
47) 2-Nitroaniline	9.40	65	171841	48.595	nq	98
48) Acenaphthylene	9.72	152	844809	37.656	nq	100
49) Dimethylphthalate	9.57	163	688337	40.505	nq	99
50) 2,6-Dinitrotoluene	9.64	165	140739	44.757	nq	97
51) Acenaphthene	9.89	154	488705	35.702	nq	99
52) 3-Nitroaniline	9.81	138	163562	44.431	nq	98
53) 2,4-Dinitrophenol	9.91	184	3505	9.109	nq	# 22
54) Dibenzofuran	10.06	168	698253	36.603	nq	98
55) 4-Nitrophenol	9.97	139	91160	31.524	nq	90
56) 2,4-Dinitrotoluene	10.04	165	171384	41.551	nq	97
57) Fluorene	10.40	166	521991	37.593	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	118344	33.103	nq	94
59) Diethylphthalate	10.27	149	641580	37.908	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	247299	39.992	nq	99
61) 4-Nitroaniline	10.42	138	151898	42.200	nq	97
62) Azobenzene	10.55	77	551169	34.087	nq	97
64) 4,6-Dinitro-2-methylphenol	10.45	198	11924	13.744	nq	79
65) n-Nitrosodiphenylamine	10.52	169	488342	43.451	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	146484	42.485	nq	# 89
67) Hexachlorobenzene	10.95	284	159511	41.116	nq	# 87
68) Atrazine	11.04	200	136762	40.314	nq	98
69) Pentachlorophenol	11.15	266	71254	29.688	nq	99
70) Phenanthrene	11.37	178	676662	37.485	nq	98
71) Anthracene	11.42	178	687920	37.490	nq	99
72) Carbazole	11.57	167	634092	35.364	nq	99
73) Di-n-butylphthalate	11.90	149	868615	39.657	nq	99
74) Fluoranthene	12.56	202	633464	33.587	nq	97
76) Benzidine	12.68	184	283991	33.064	nq	99
77) Pyrene	12.79	202	647681	36.300	nq	99
79) Butylbenzylphthalate	13.40	149	317303	37.748	nq	99
80) Benzo(a)anthracene	13.98	228	574537	39.952	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	214517	40.008	nq	98
82) Chrysene	14.02	228	559176	37.856	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	442194	40.898	nq	100
84) Di-n-octyl phthalate	14.59	149	712124	39.418	nq	95
85) Indeno(1,2,3-cd)pyrene	16.92	276	411926	32.829	nq	96
87) Benzo(b)fluoranthene	15.03	252	487671	39.254	nq	99
88) Benzo(k)fluoranthene	15.06	252	488376	41.639	nq	98
89) Benzo(a)pyrene	15.40	252	423236	38.075	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	349514	38.284	nq	96
91) Benzo(g,h,i)perylene	17.36	276	329004	37.197	nq	96

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

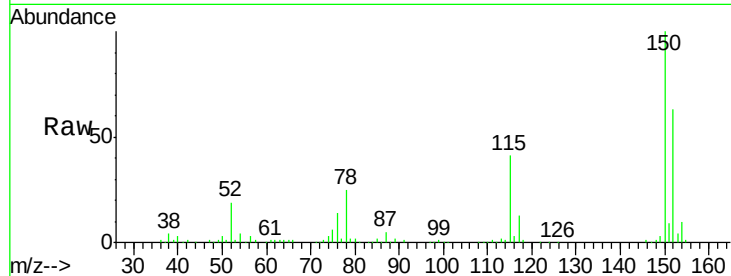


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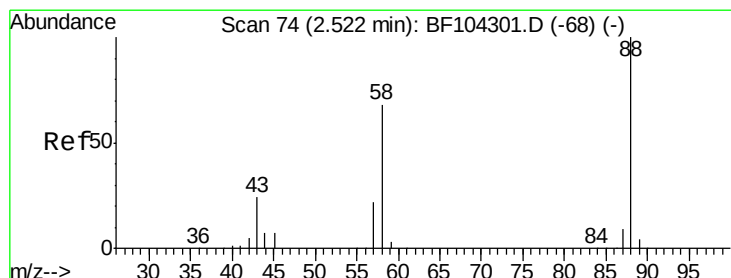
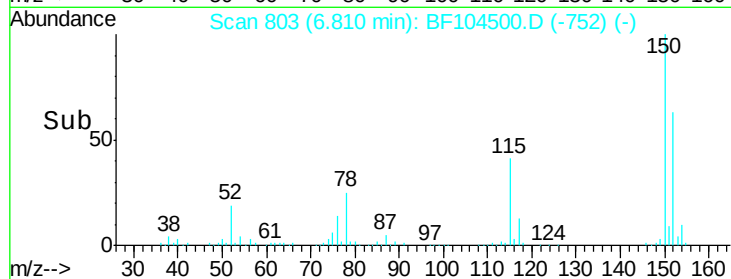
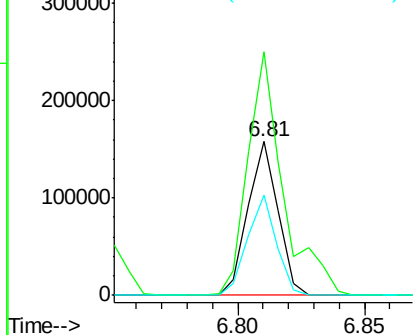
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 129983
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 65.3 50.1 75.1



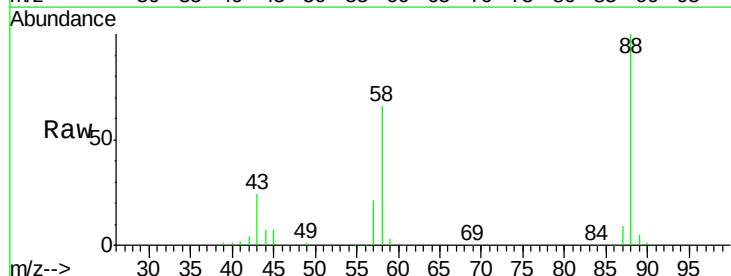
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



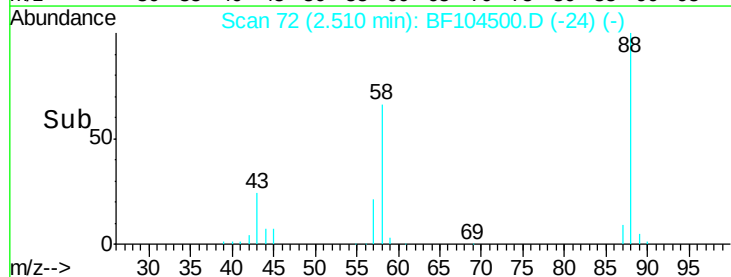
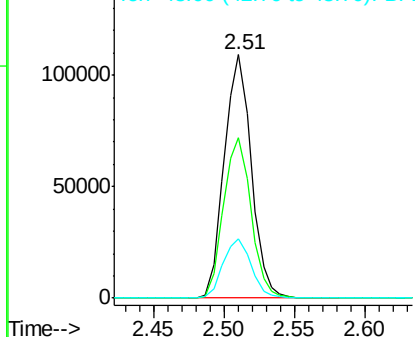
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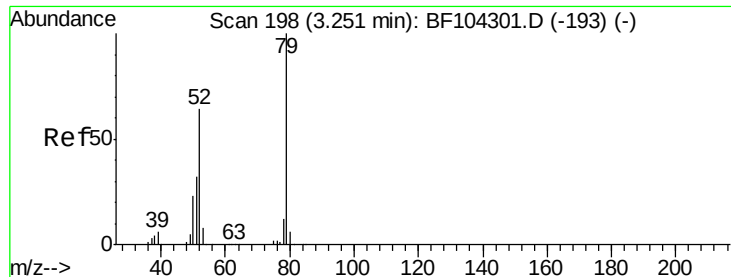
1,4-Dioxane
Concen: 36.792 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion: 88 Resp: 145736
Ion Ratio Lower Upper
88 100
58 67.1 62.6 93.8
43 25.2 24.6 37.0



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





#3

Pvridine

Concen: 36.627 ng

RT: 3.25 min Scan# 198

Delta R.T. -0.02 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

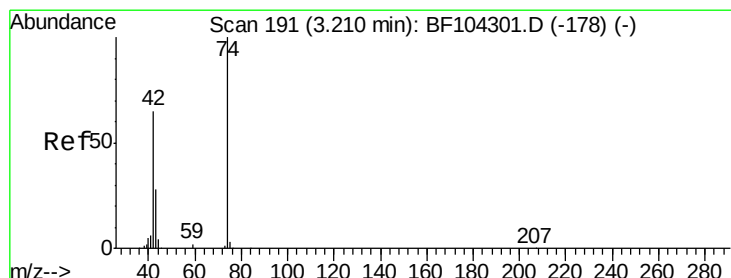
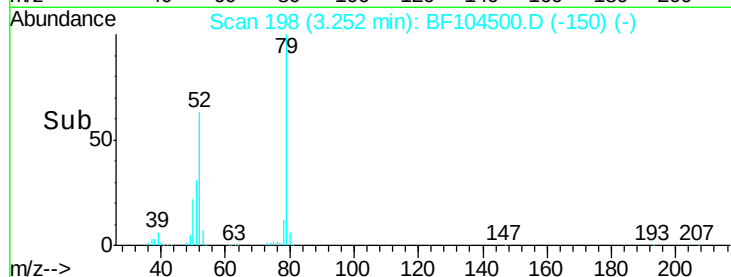
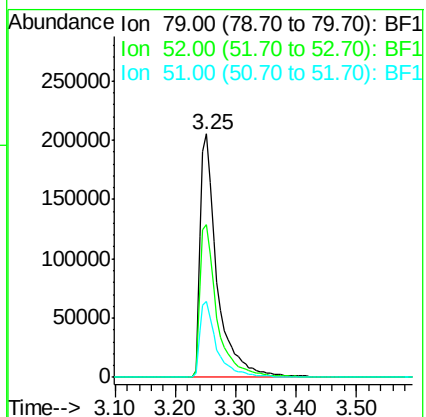
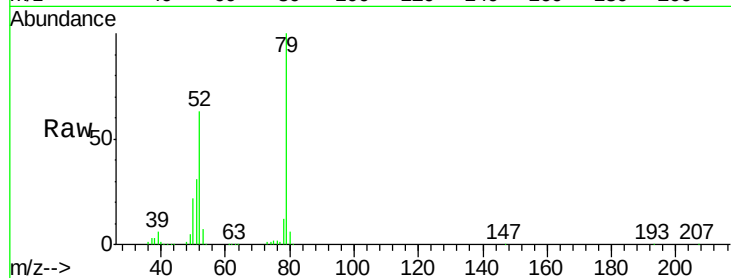
Tot Ion: 79 Resp: 407906

Ion Ratio Lower Upper

79 100

52 62.7 59.8 89.6

51 31.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.925 ng

RT: 3.21 min Scan# 191

Delta R.T. -0.02 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

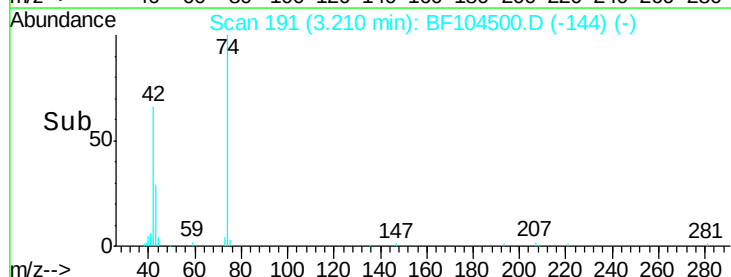
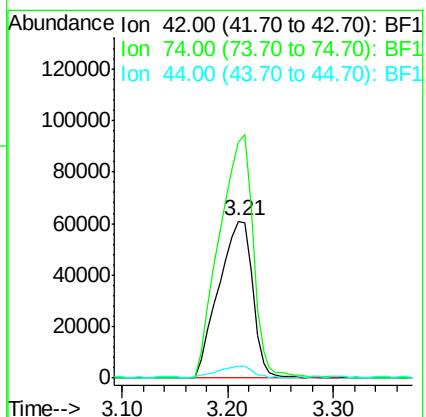
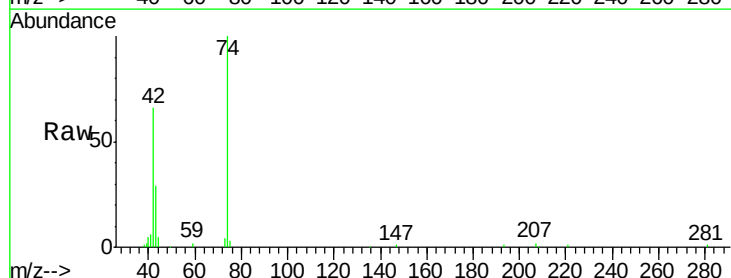
Tgt Ion: 42 Resp: 135961

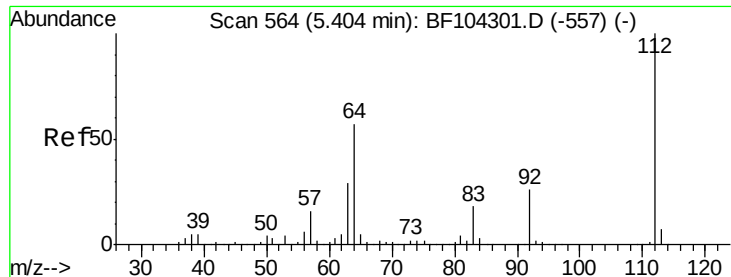
Ion Ratio Lower Upper

42 100

74 150.9 104.9 157.3

44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 73.540 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

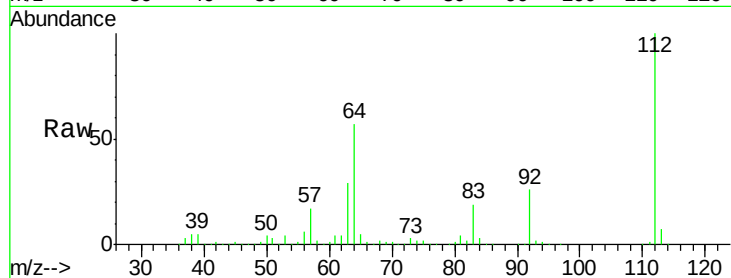
Tot Ion: 112 Resp: 625153

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

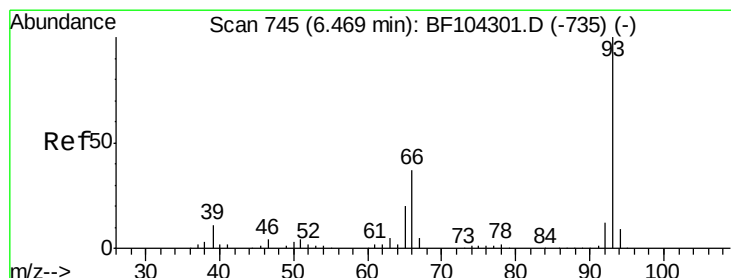
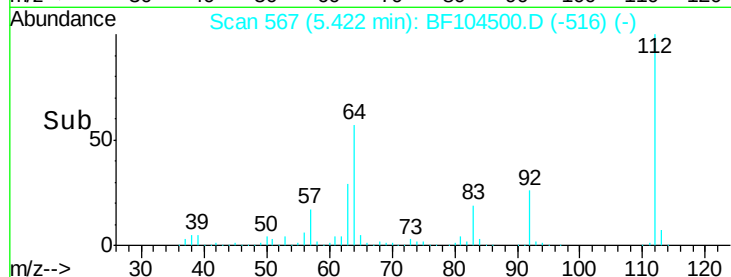
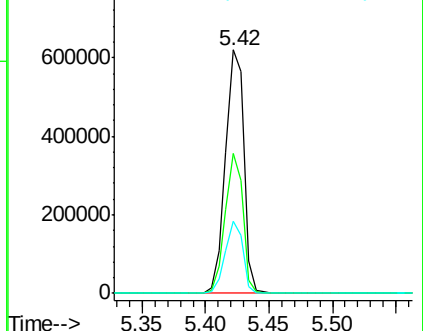
63 29.4 23.7 35.5



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: 34.506 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

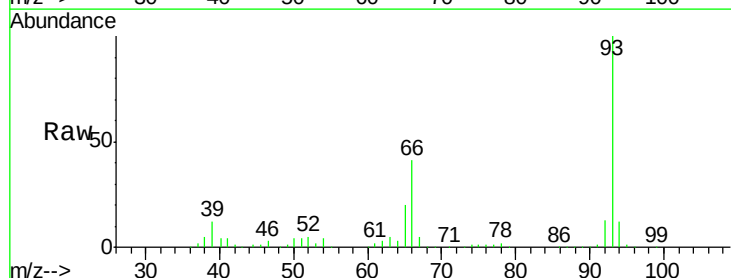
Tgt Ion: 93 Resp: 500728

Ion Ratio Lower Upper

93 100

66 40.6 32.2 48.2

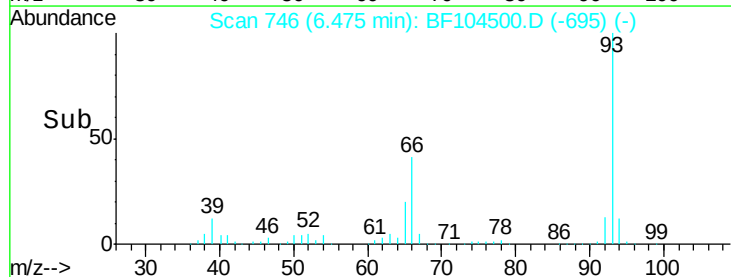
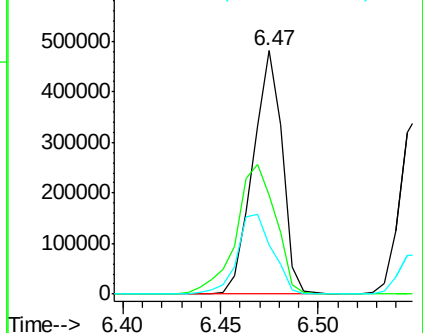
65 20.3 16.4 24.6

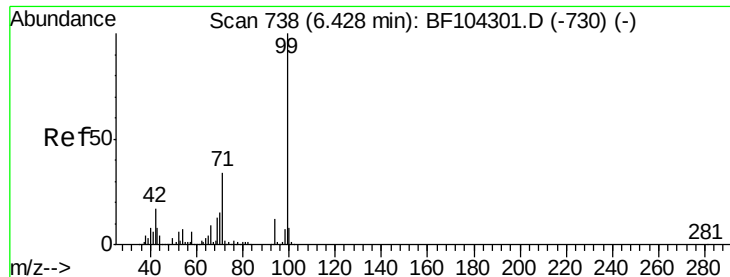


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.234 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

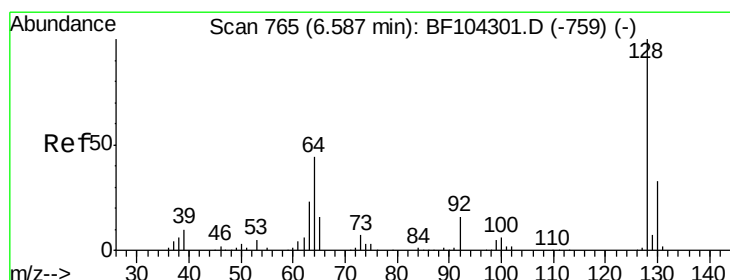
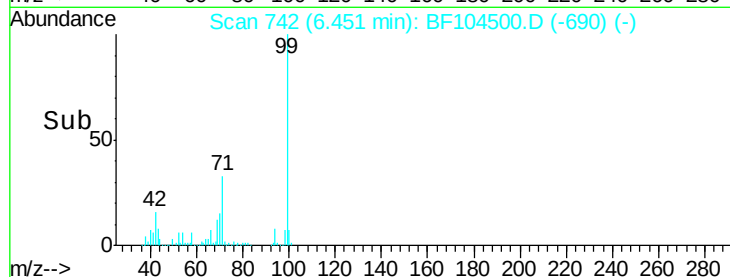
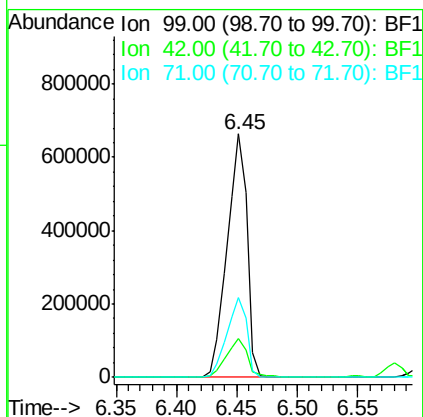
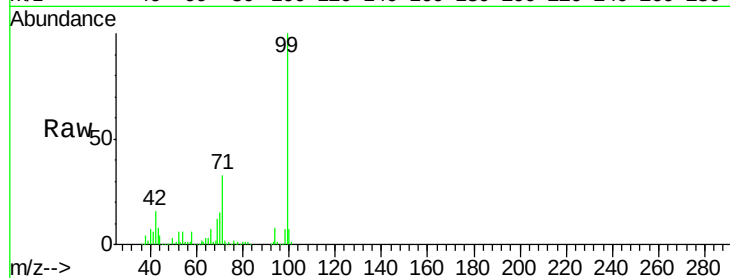
Tot Ion: 99 Resp: 754470

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 33.0 25.4 38.0



#8

2-Chlorophenol

Concen: 37.733 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

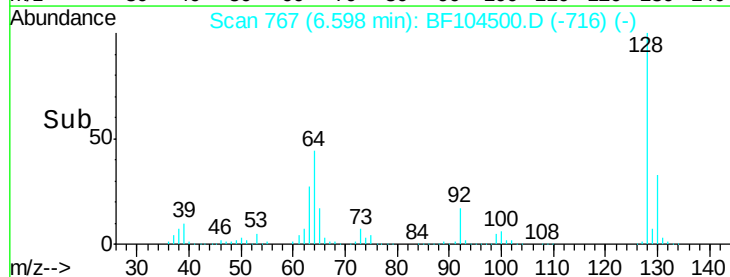
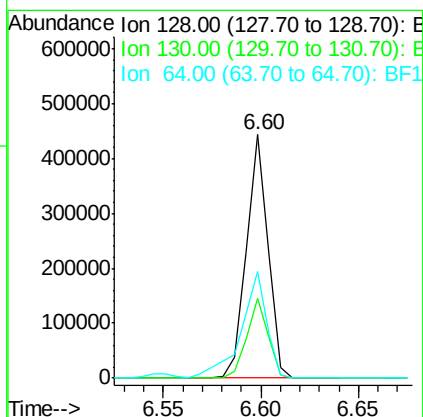
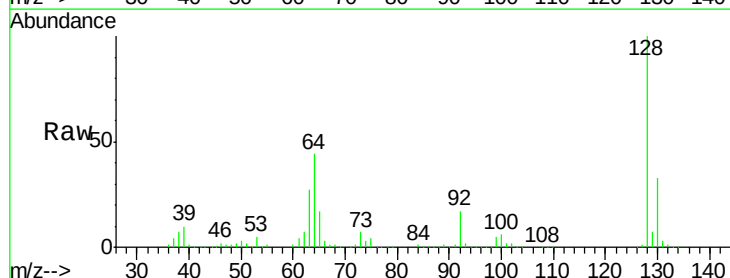
Tgt Ion: 128 Resp: 338557

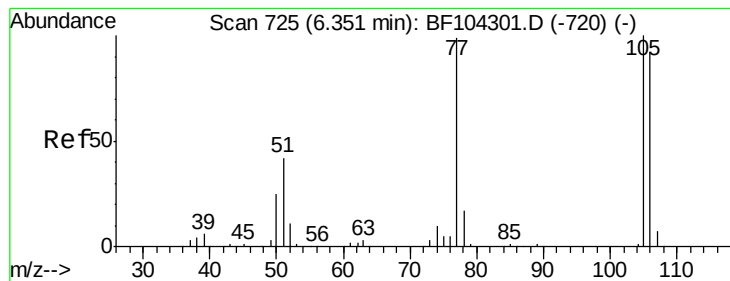
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 43.9 29.4 69.4





#9

Benzaldehyde

Concen: 36.781 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

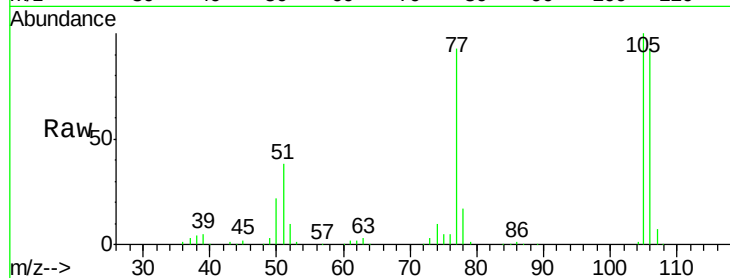
Tot Ion: 77 Resp: 199569

Ion Ratio Lower Upper

77 100

105 107.5 81.1 121.1

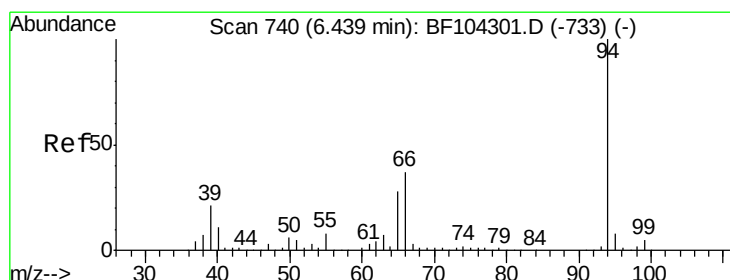
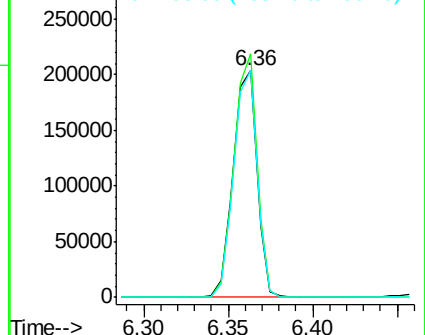
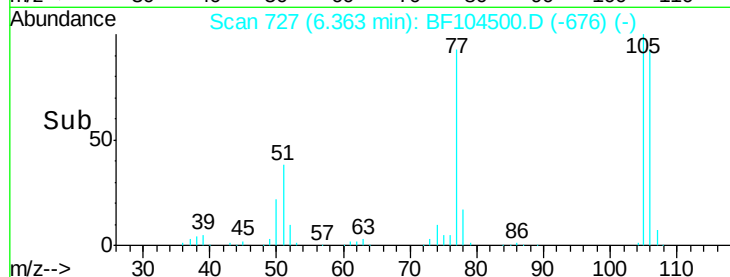
106 100.2 74.5 114.5



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: 37.206 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

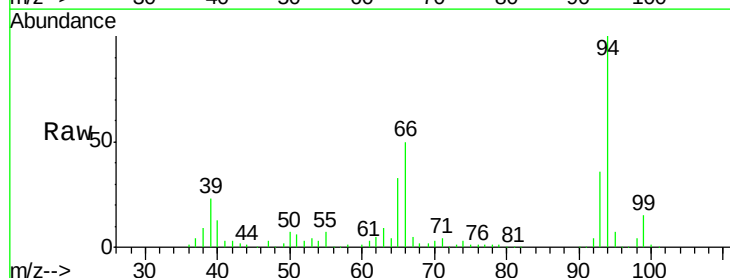
Tgt Ion: 94 Resp: 412333

Ion Ratio Lower Upper

94 100

65 33.4 7.9 47.9

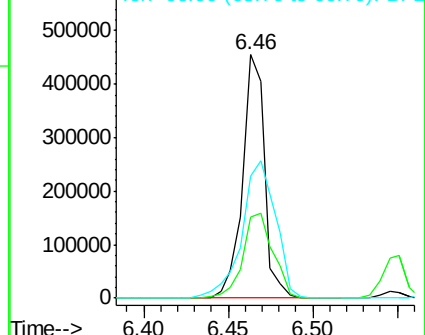
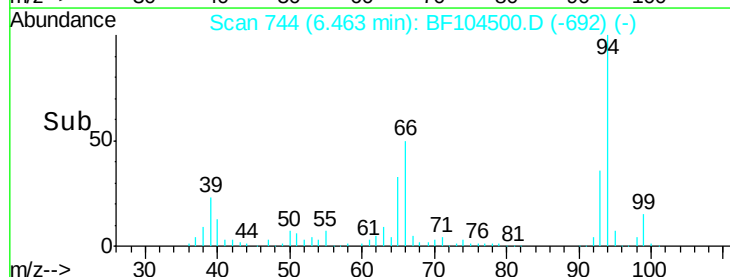
66 50.1 16.2 56.2

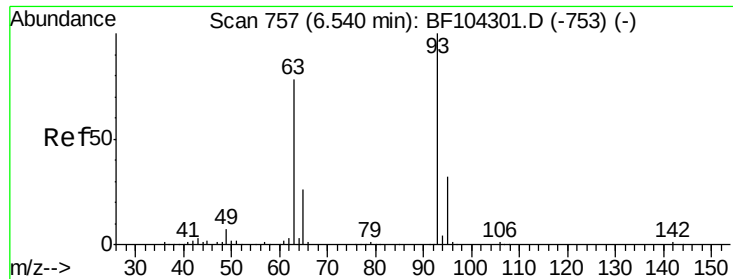


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

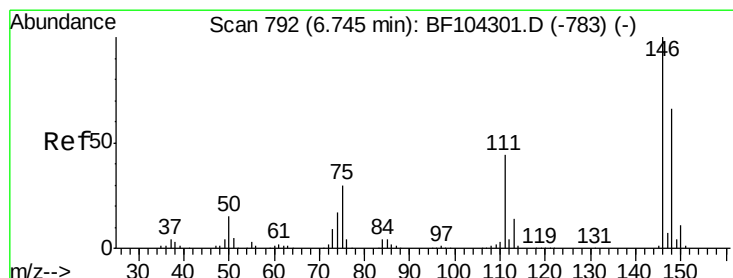
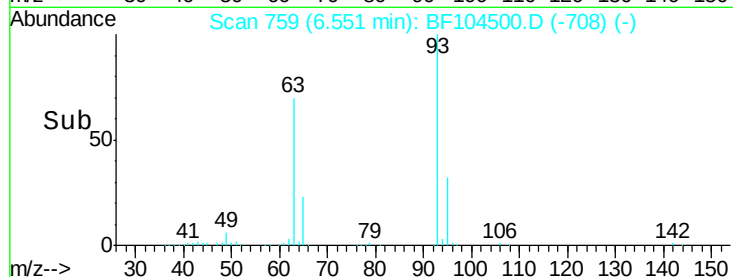
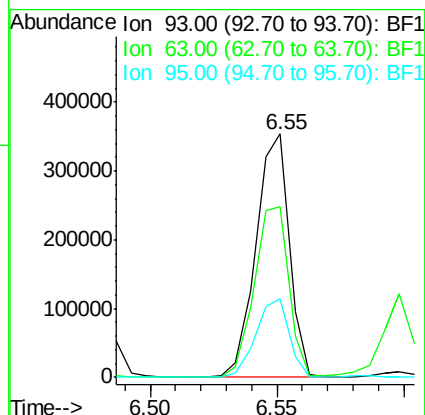
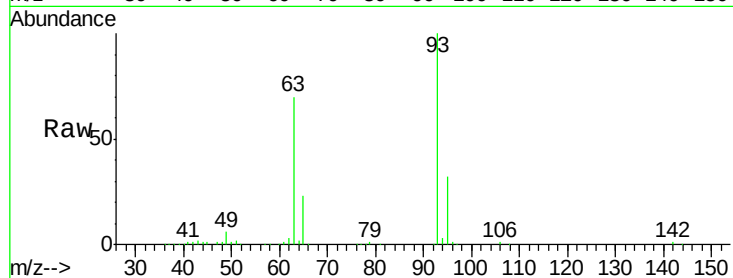




#11
bis(2-Chloroethyl)ether
Concen: 36.537 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

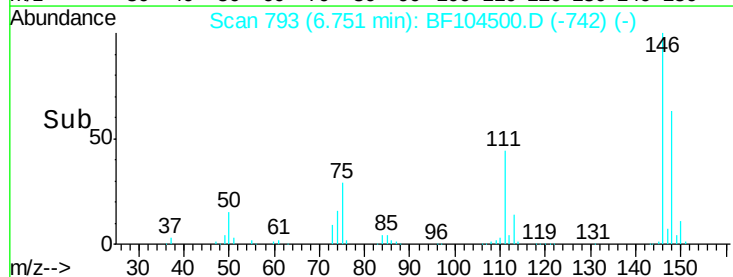
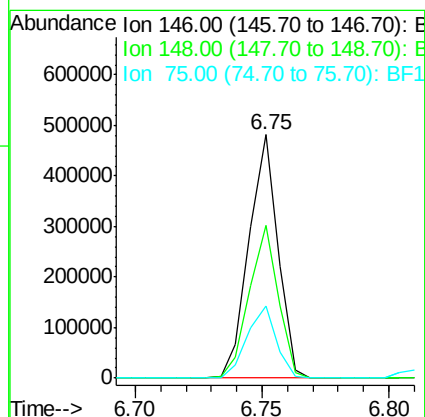
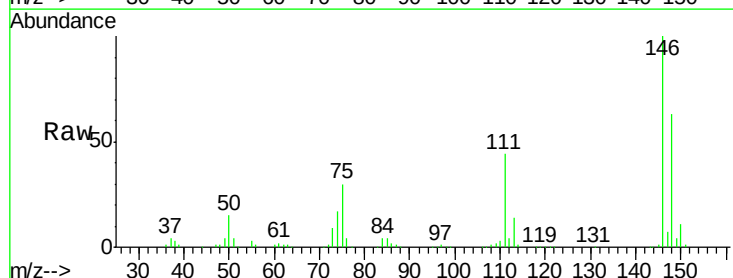
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

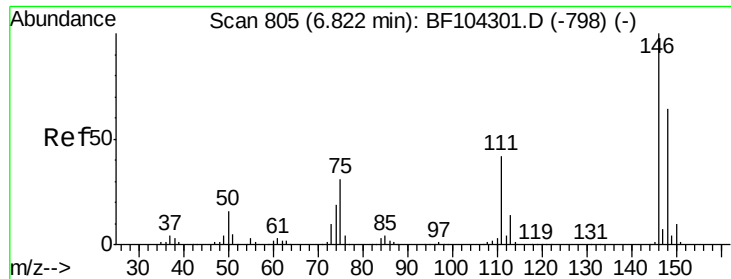
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.0	58.6	98.6
95	32.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 37.869 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.8
75	29.7	24.2	36.4

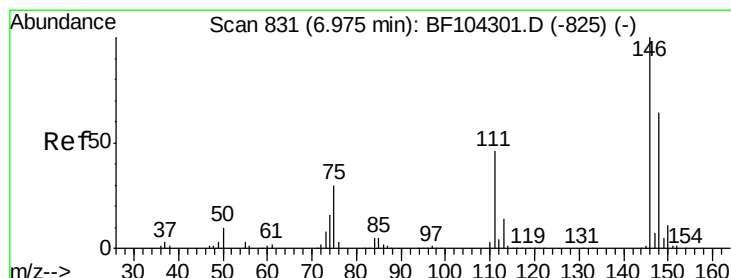
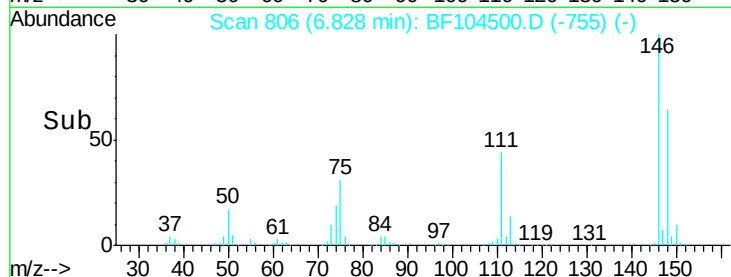
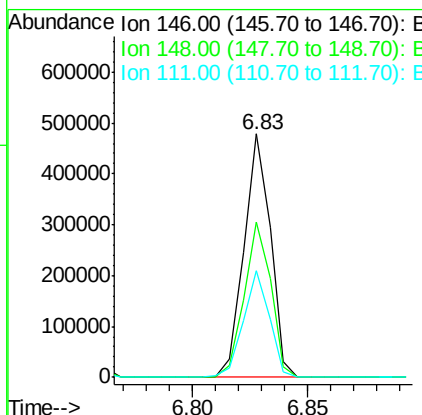
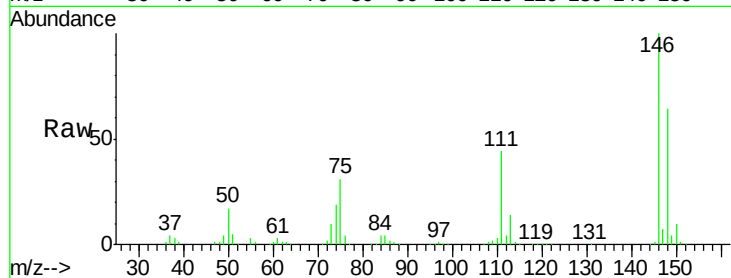




#13
 1,4-Dichlorobenzene
 Concen: 37.940 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

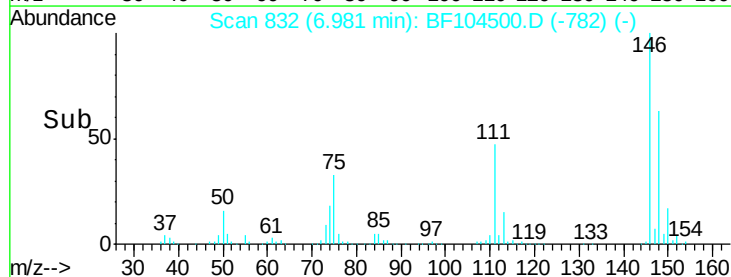
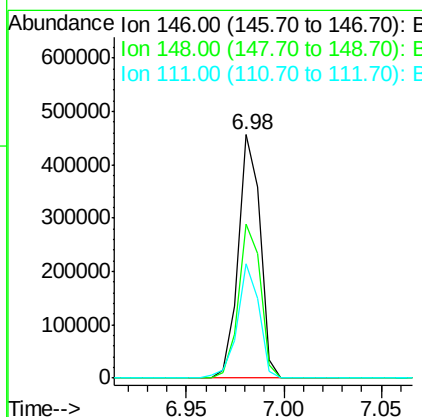
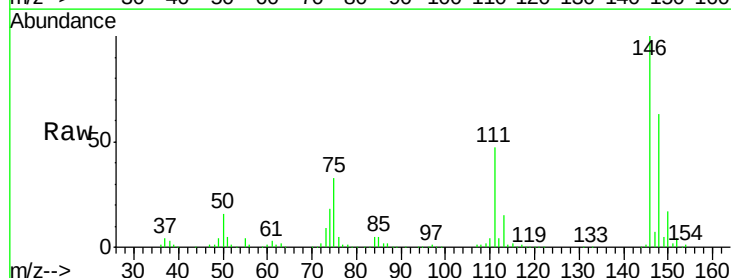
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

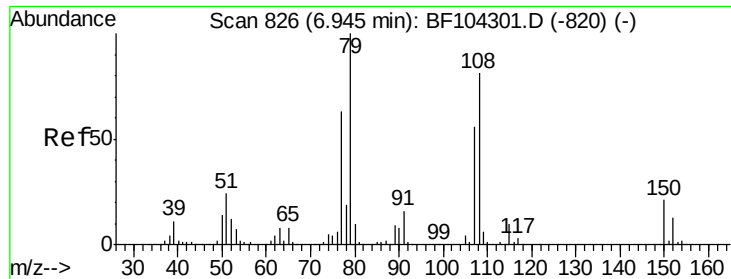
Tot Ion:146 Resp: 384424
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 43.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.783 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Tgt Ion:146 Resp: 354773
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 75.8
 111 47.2 36.0 54.0

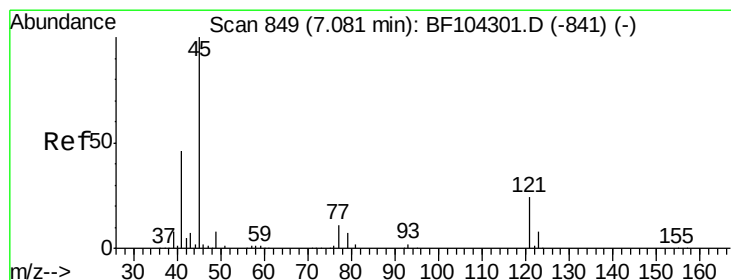
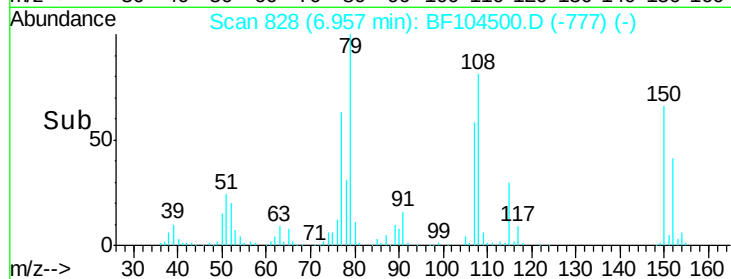
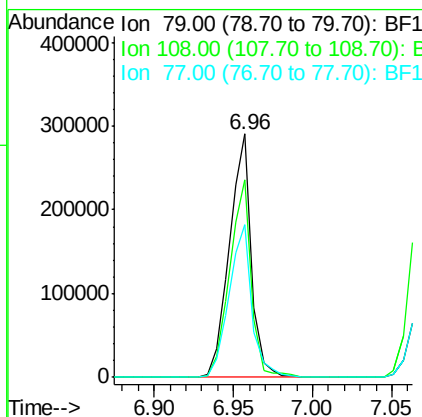
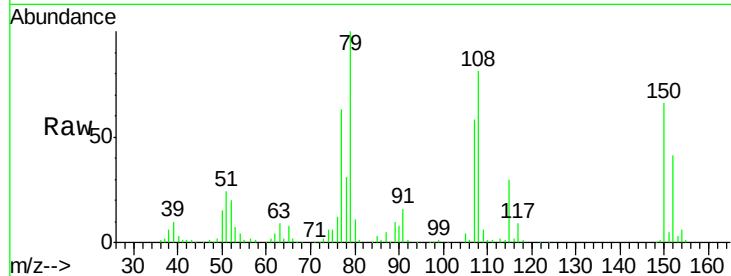




#15
Benzyl Alcohol
Concen: 35.214 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

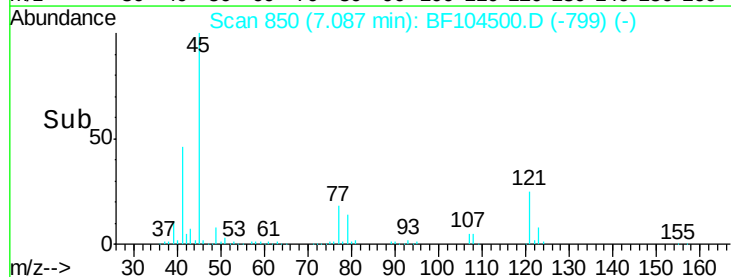
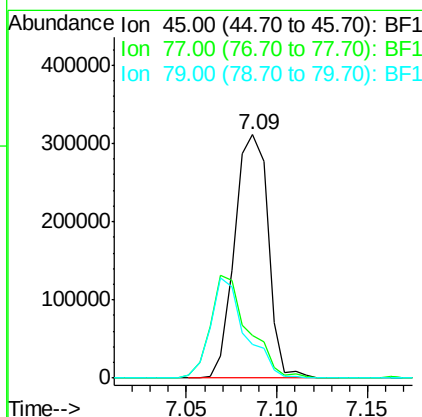
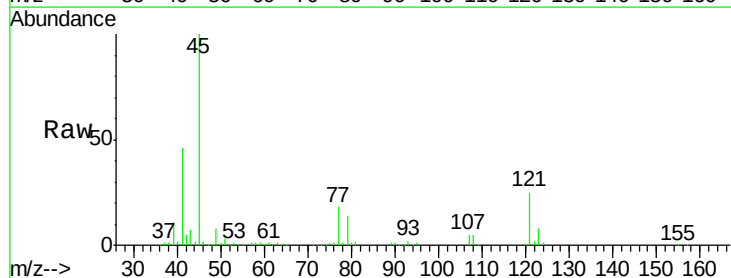
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

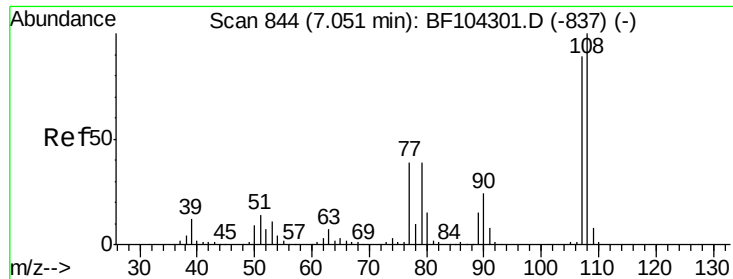
Tot Ion: 79 Resp: 279360
Ion Ratio Lower Upper
79 100
108 81.2 65.1 97.7
77 62.7 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.778 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion: 45 Resp: 401171
Ion Ratio Lower Upper
45 100
77 17.5 0.0 32.9
79 13.8 0.0 29.6

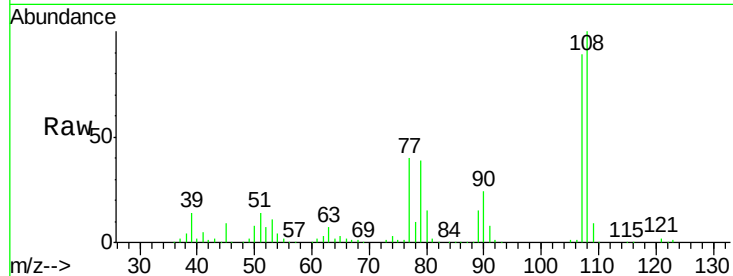




#17
2-Methylphenol
Concen: 36.643 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	45.2	33.8	50.8
79	44.1	33.8	50.8



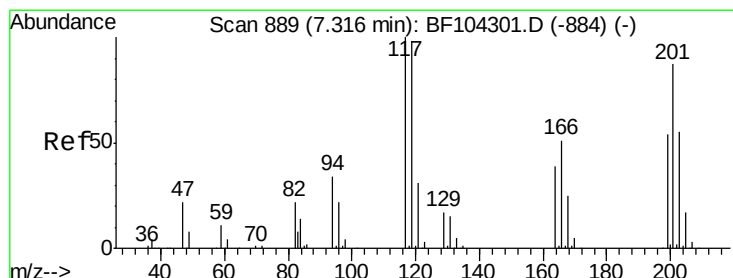
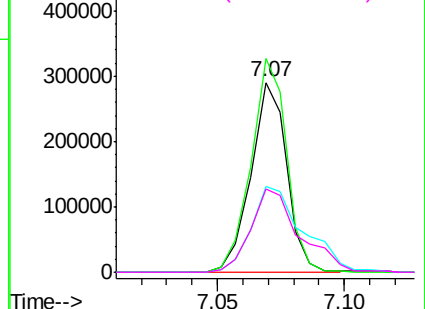
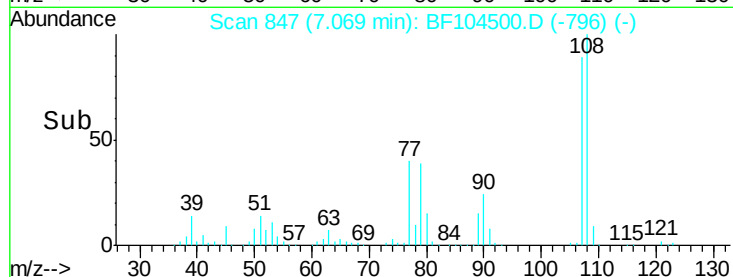
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

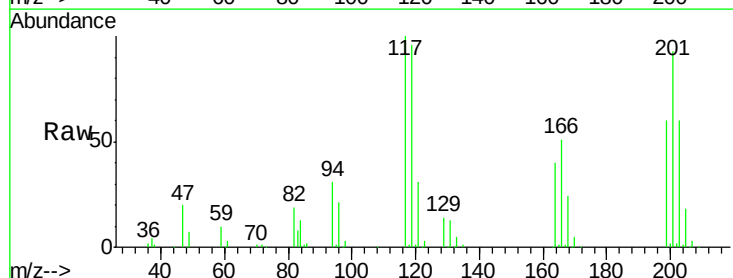
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 32.979 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	93.0	75.7	113.5

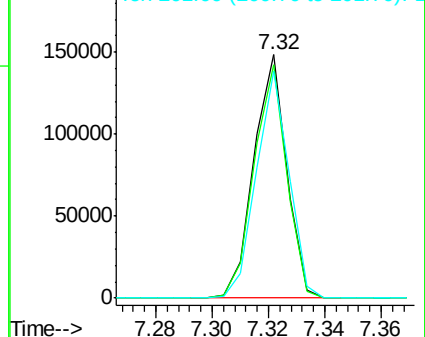
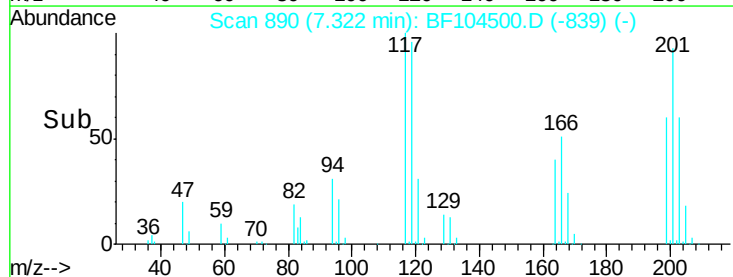


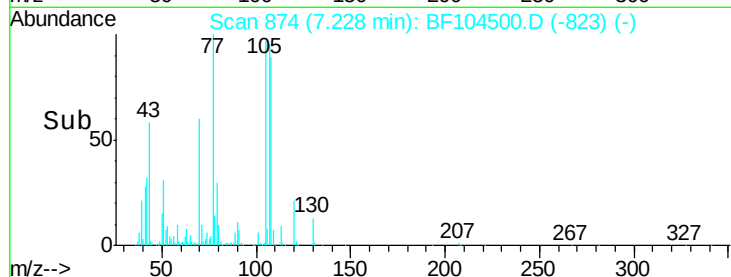
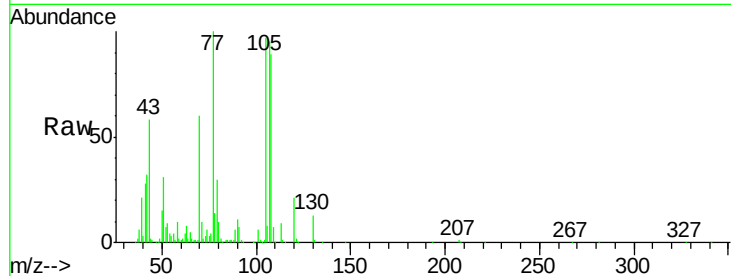
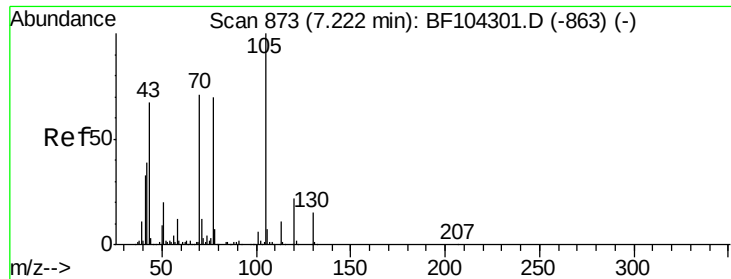
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

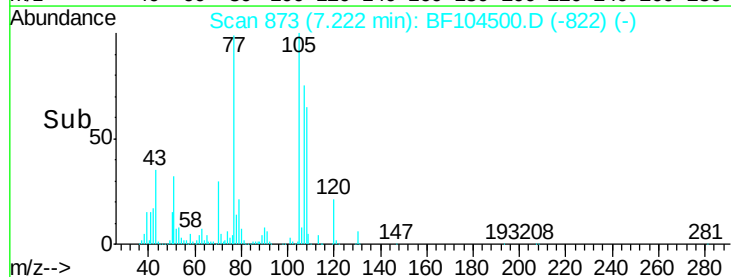
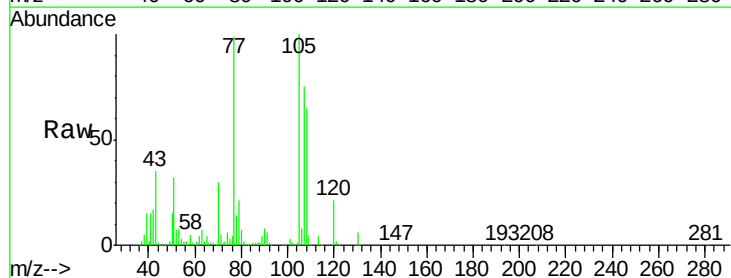
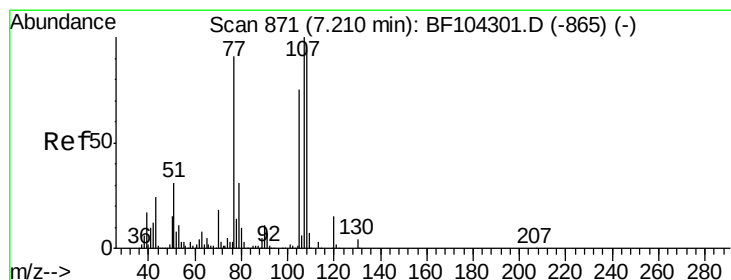
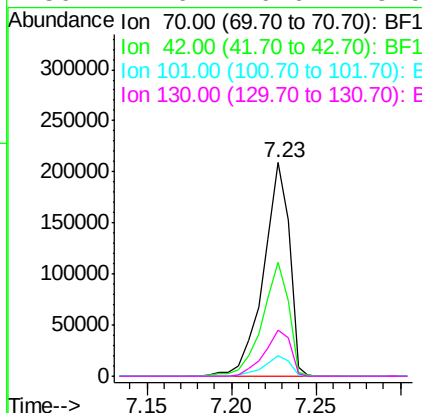




#19
n-Nitroso-di-n-propylamine
Concen: 32.654 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

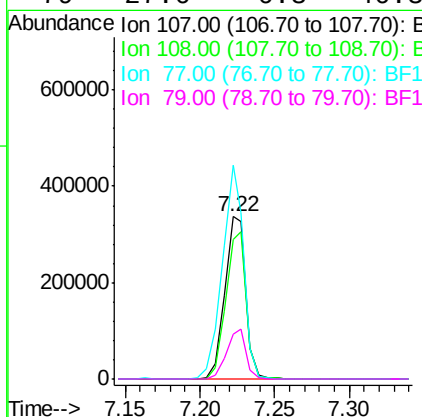
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

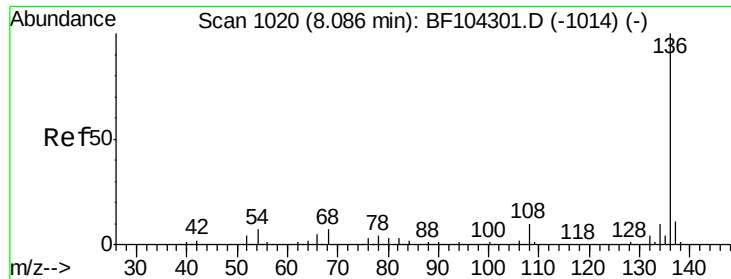
Tot Ion: 70 Resp: 222872
Ion Ratio Lower Upper
70 100
42 53.6 47.5 71.3
101 9.5 7.4 11.2
130 21.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 34.728 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion: 107 Resp: 335926
Ion Ratio Lower Upper
107 100
108 86.0 68.2 108.2
77 131.7 26.7 66.7#
79 27.6 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 511386

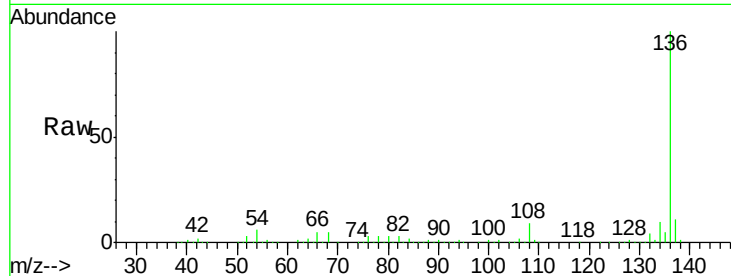
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.1 6.6 9.8#

68 5.4 5.0 7.4

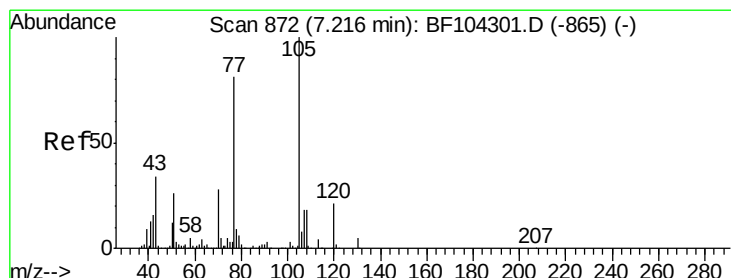
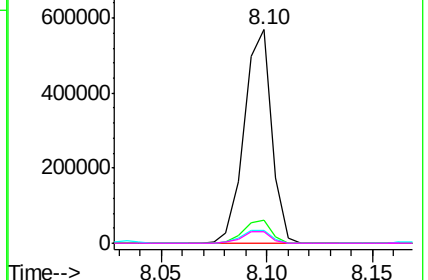
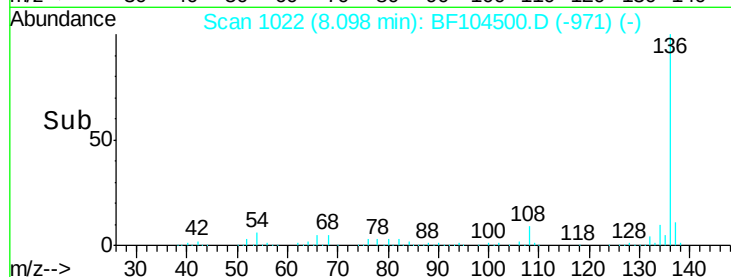


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.515 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Tgt Ion:105 Resp: 459729

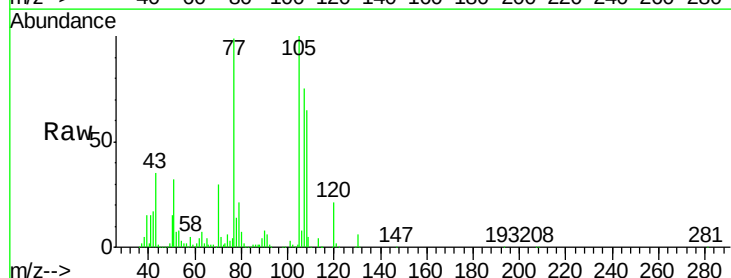
Ion Ratio Lower Upper

105 100

71 5.2 4.4 6.6

51 32.5 22.3 33.5

120 21.2 16.9 25.3

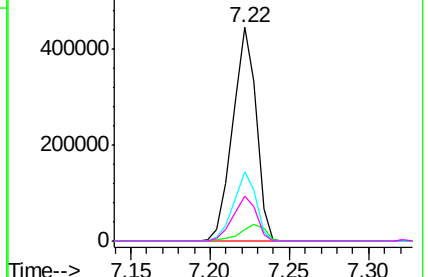
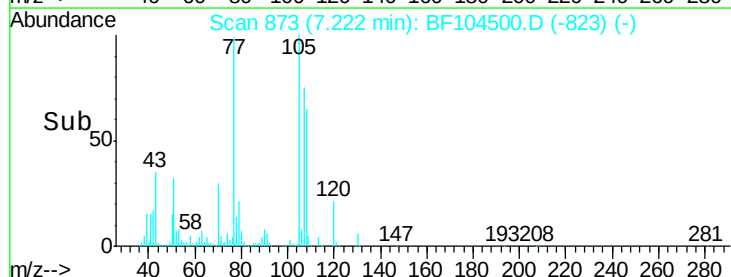


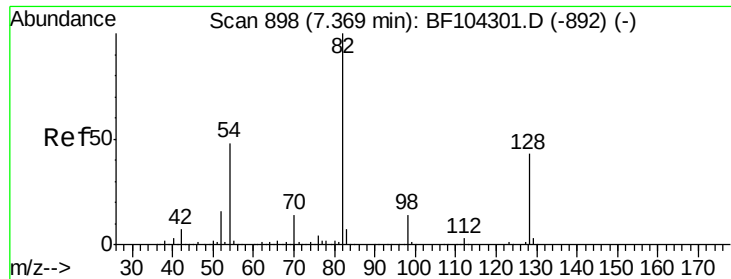
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.162 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

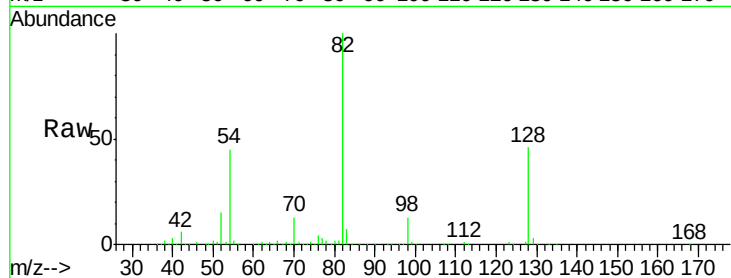
Tot Ion: 82 Resp: 666952

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

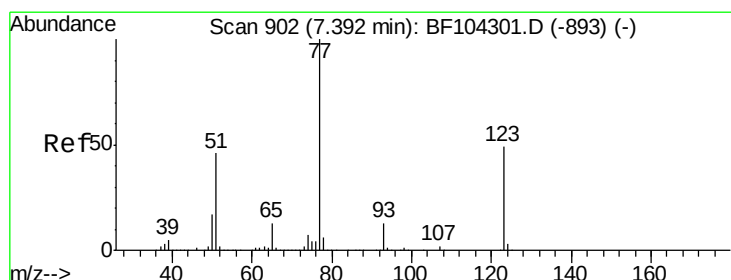
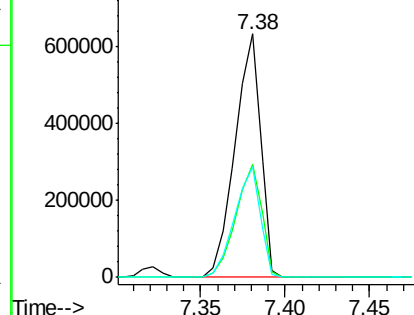
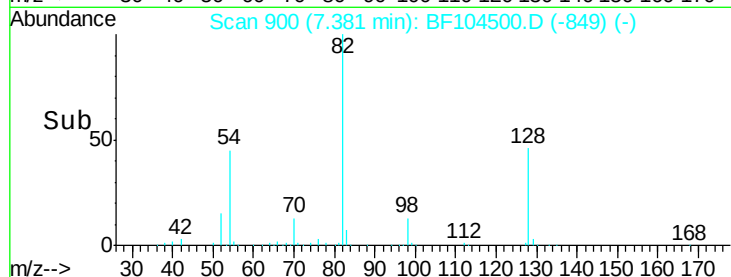
54 45.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.880 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

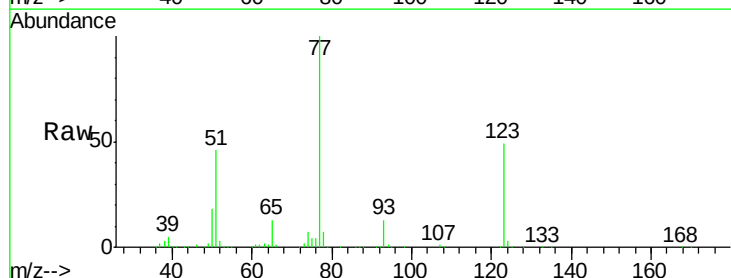
Tgt Ion: 77 Resp: 353475

Ion Ratio Lower Upper

77 100

123 49.2 37.9 56.9

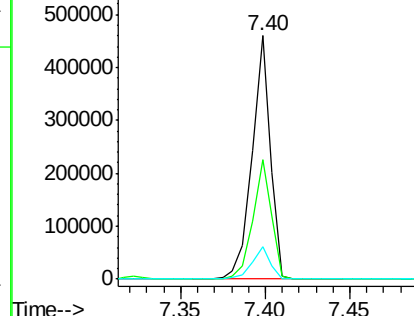
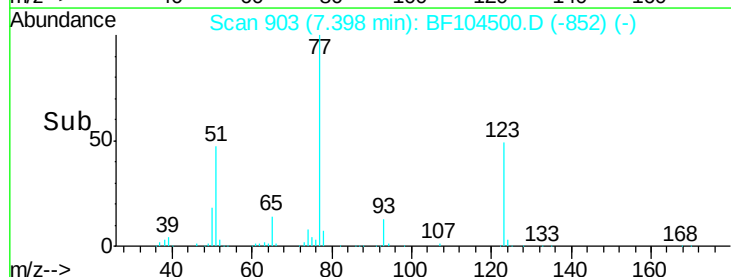
65 13.3 11.0 16.4

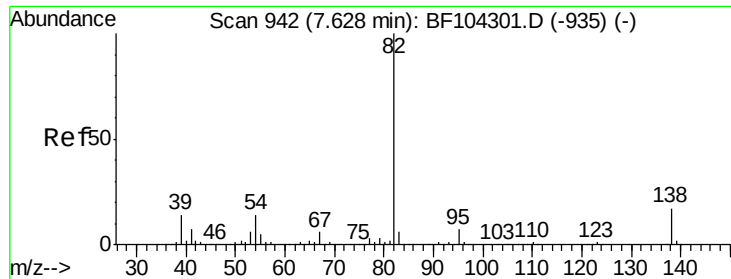


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.196 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

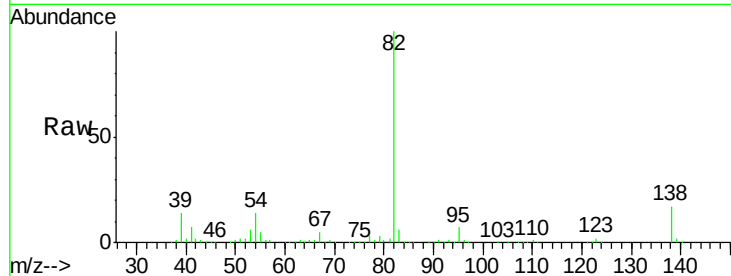
Tot Ion: 82 Resp: 599444

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

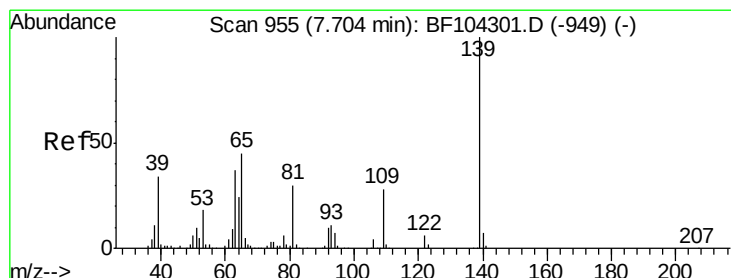
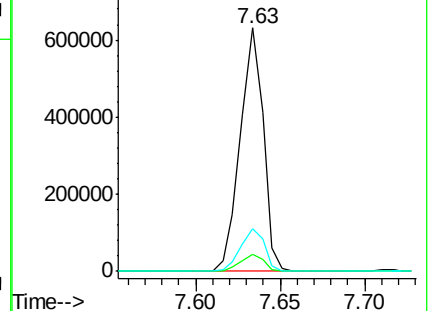
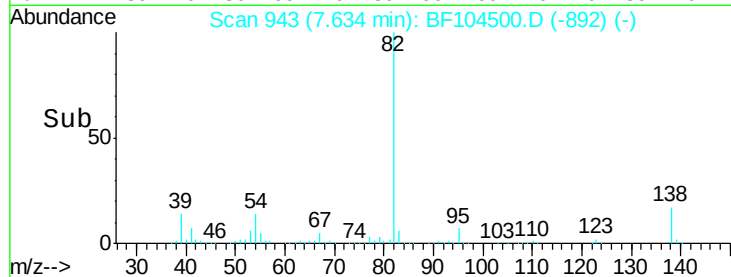
138 17.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.597 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

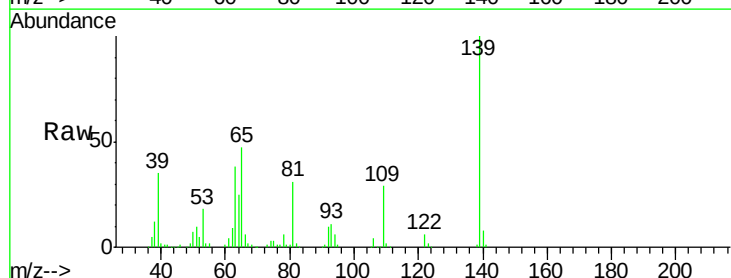
Tgt Ion: 139 Resp: 164022

Ion Ratio Lower Upper

139 100

109 29.4 22.7 34.1

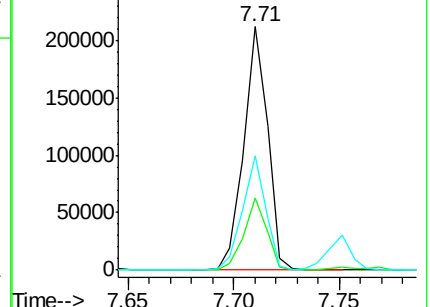
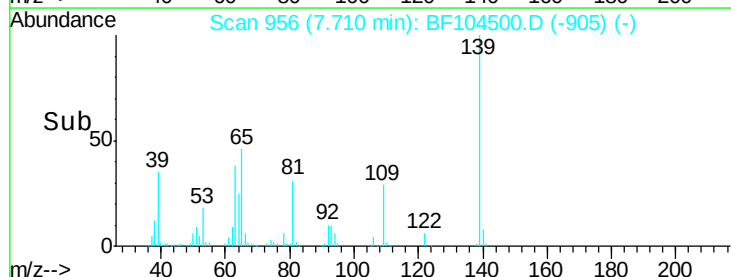
65 46.8 40.5 60.7

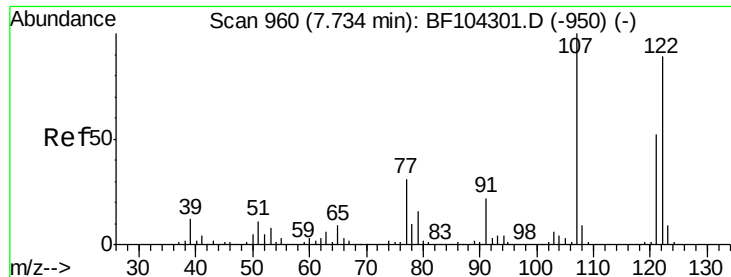


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

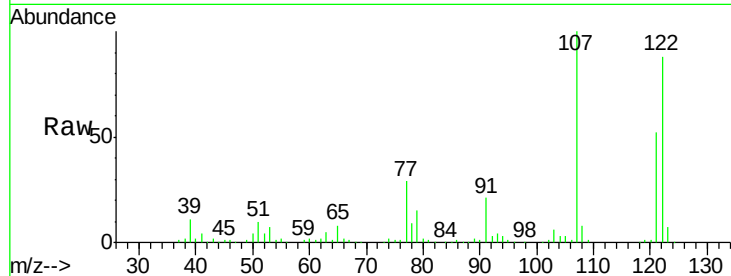




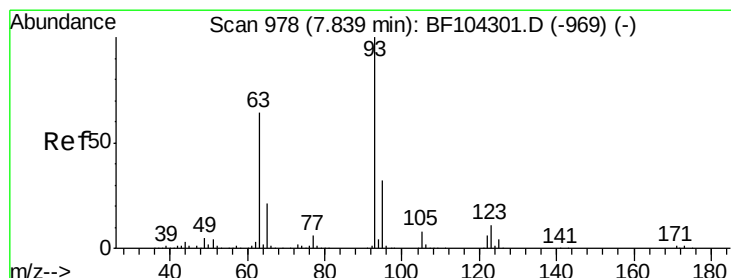
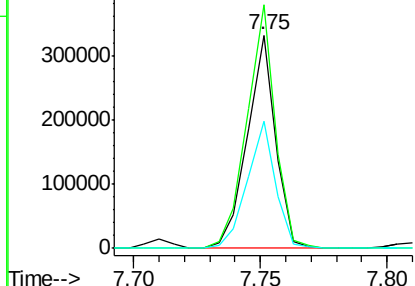
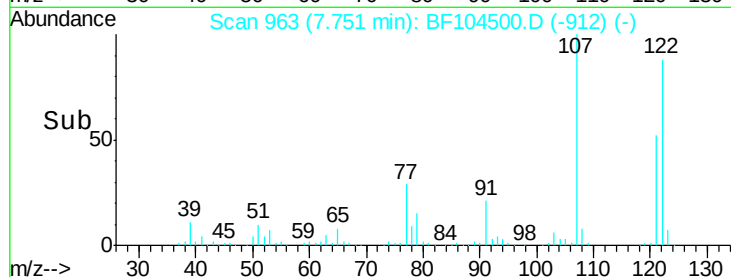
#27
 2,4-Dimethylphenol
 Concen: 35.118 ng
 RT: 7.75 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:122 Resp: 256673
 Ion Ratio Lower Upper
 122 100
 107 114.0 91.2 136.8
 121 59.8 47.2 70.8

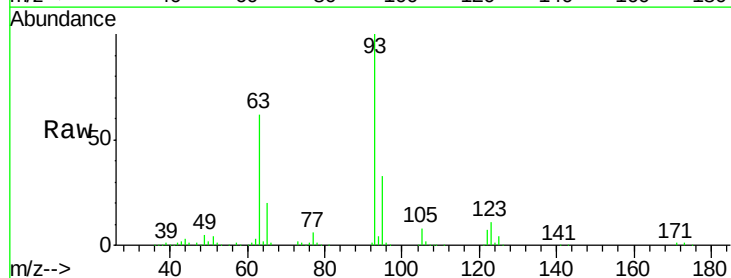


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

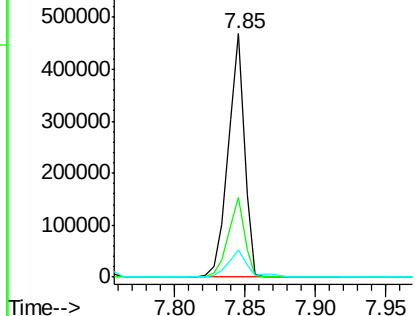
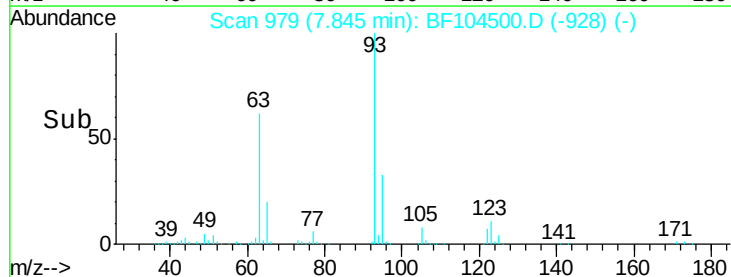


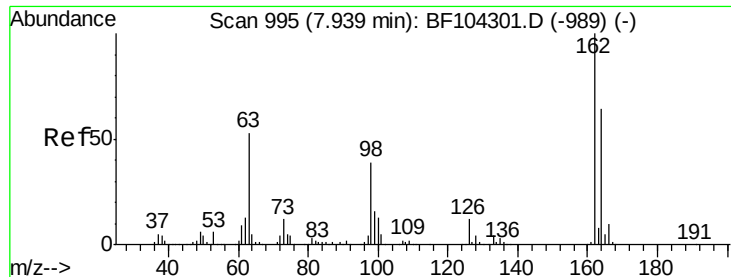
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.199 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Tgt Ion: 93 Resp: 376655
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 11.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

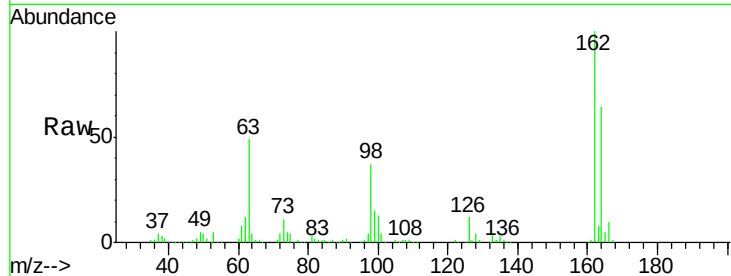




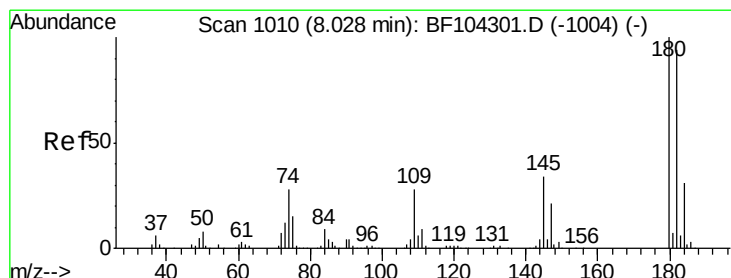
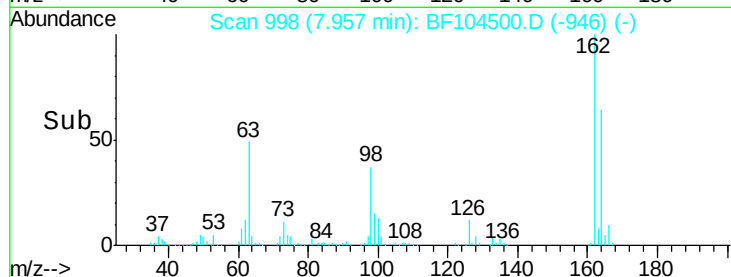
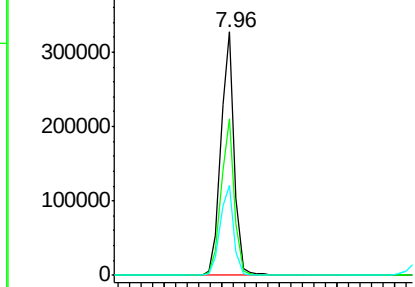
#29
2,4-Dichlorophenol
Concen: 37.540 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	42.7	82.7
98	37.1	18.1	58.1

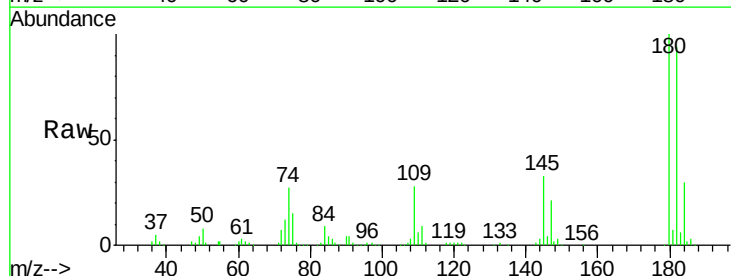


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

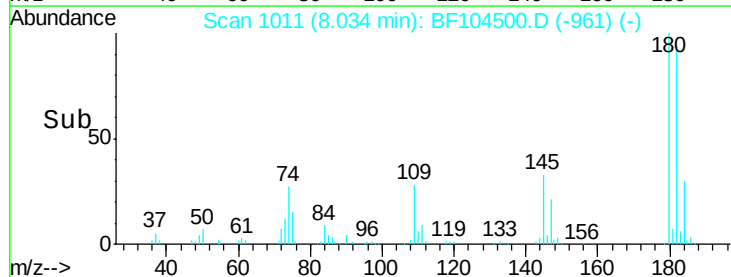
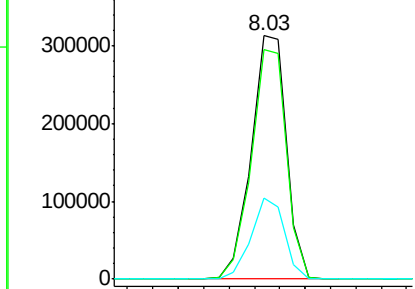


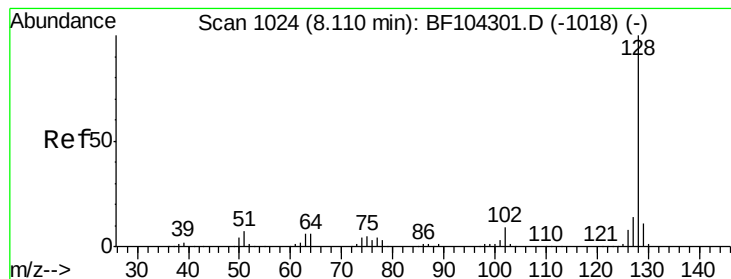
#30
1,2,4-Trichlorobenzene
Concen: 39.368 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	33.1	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: 37.475 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

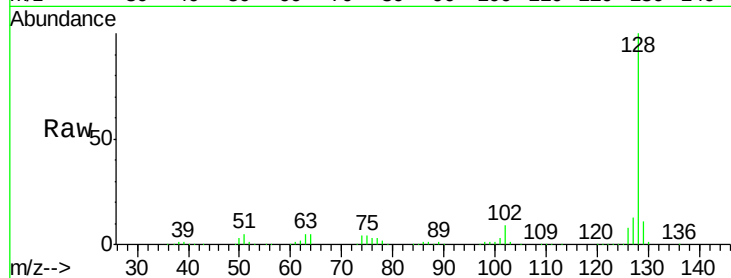
Tot Ion:128 Resp: 954275

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

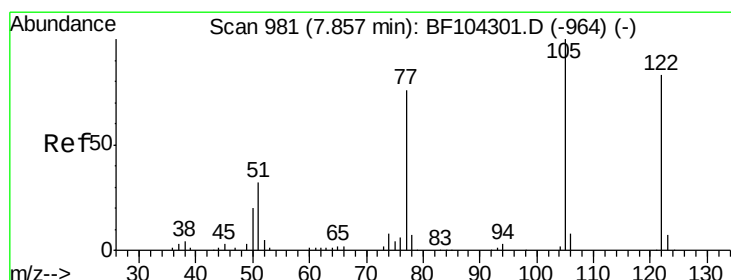
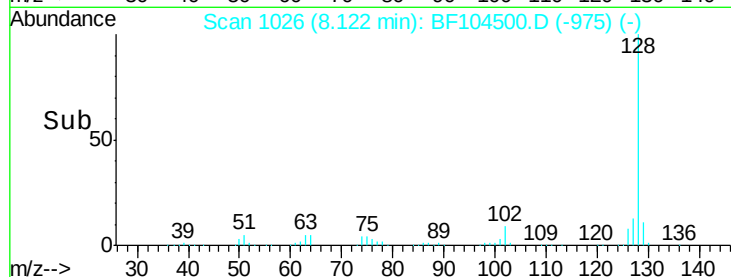
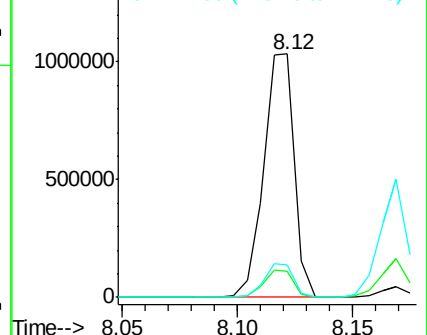
127 13.2 10.9 16.3



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: 25.756 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

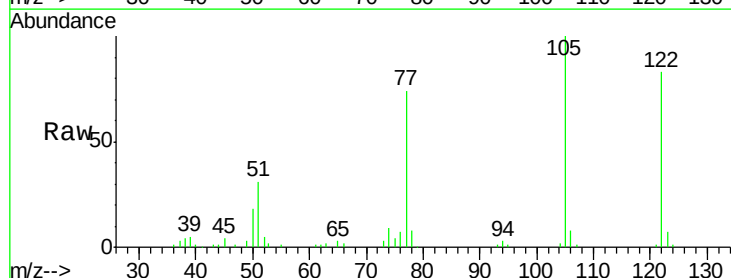
Tgt Ion:122 Resp: 150203

Ion Ratio Lower Upper

122 100

105 120.0 101.1 141.1

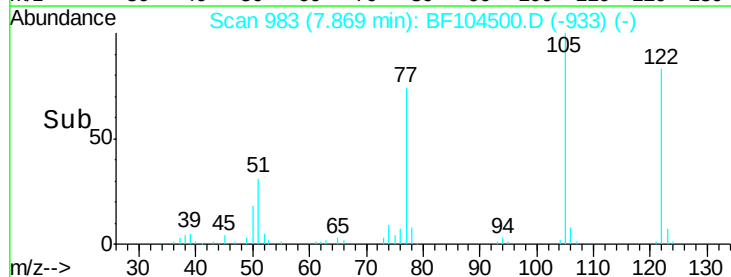
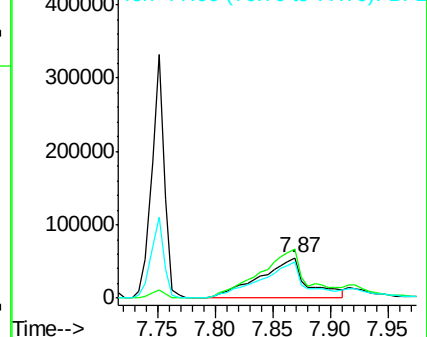
77 88.6 70.7 110.7

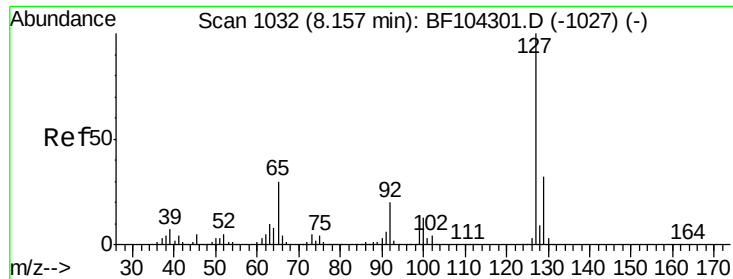


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

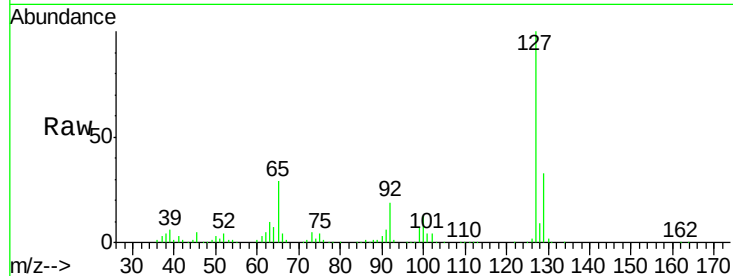




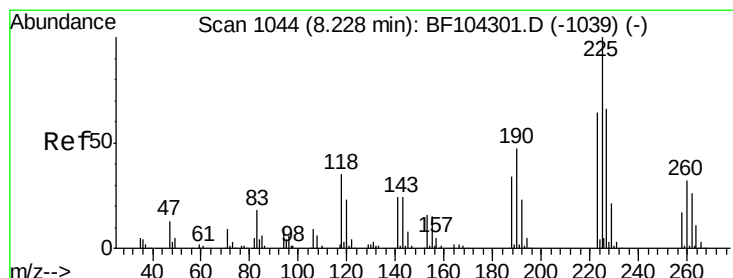
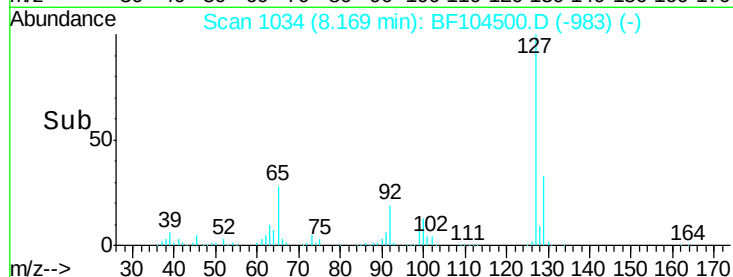
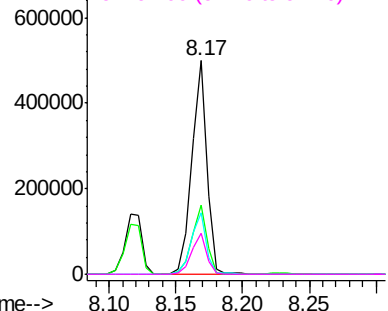
#33
4-Chloroaniline
Concen: 36.729 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	400693
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	28.6	25.0	37.4
92	19.2	15.2	22.8

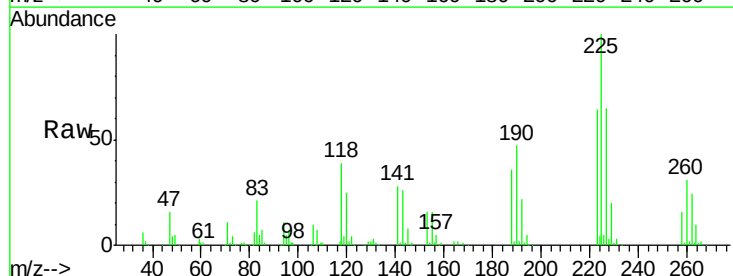


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

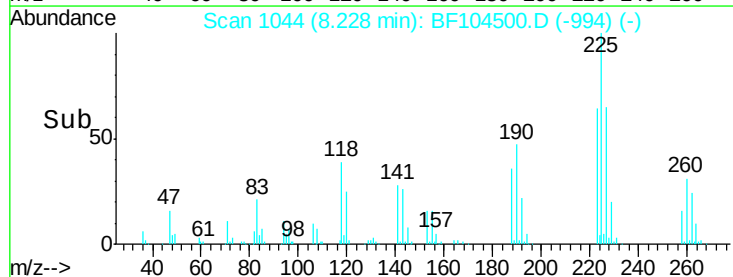
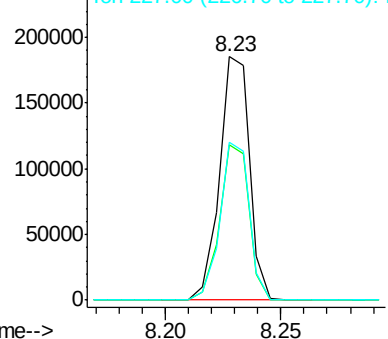


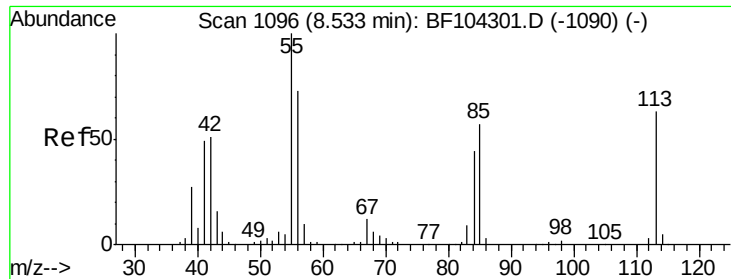
#34
Hexachlorobutadiene
Concen: 40.064 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion:	225	Resp:	167952
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.6	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

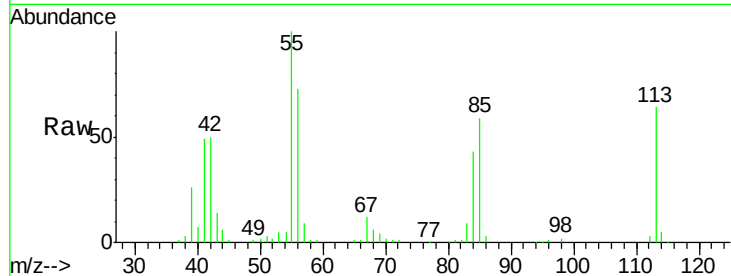




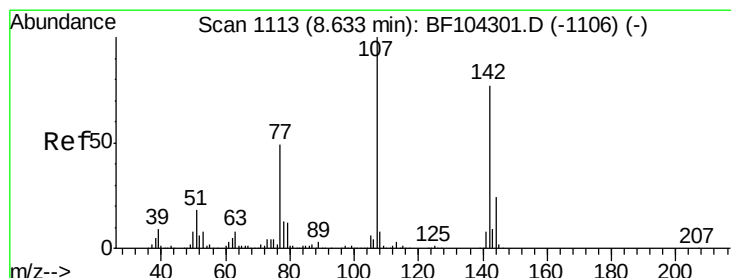
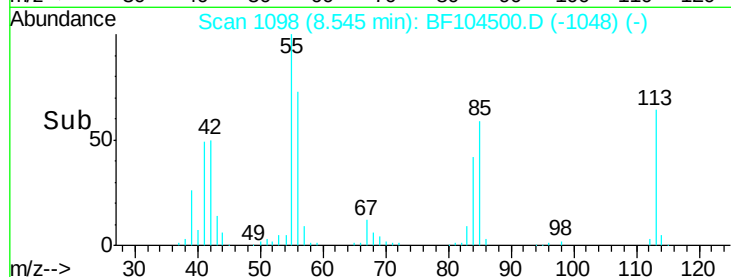
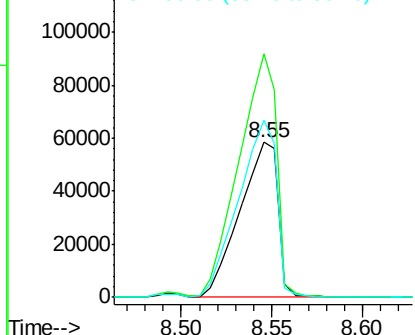
#35
 Caprolactam
 Concen: 35.362 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 86029
 Ion Ratio Lower Upper
 113 100
 55 157.0 163.3 203.3#
 56 113.9 115.7 155.7#

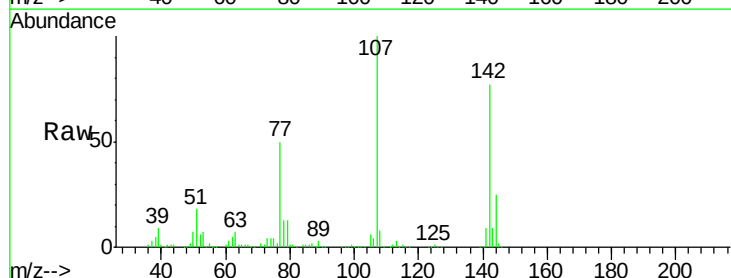


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

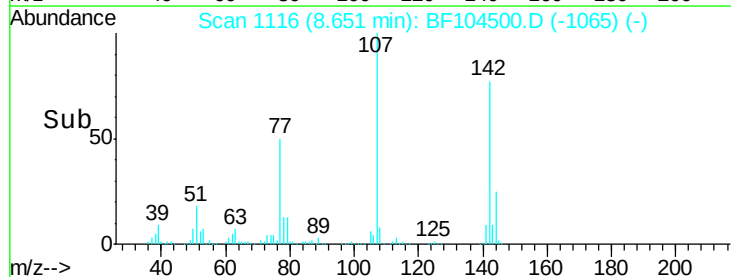
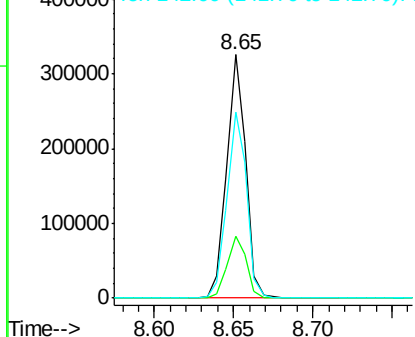


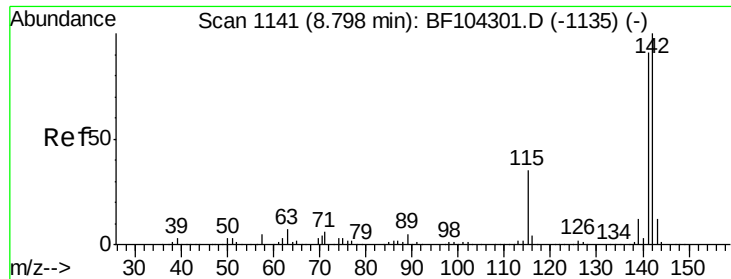
#36
 4-Chloro-3-methylphenol
 Concen: 35.967 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Tgt Ion:107 Resp: 268948
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 76.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

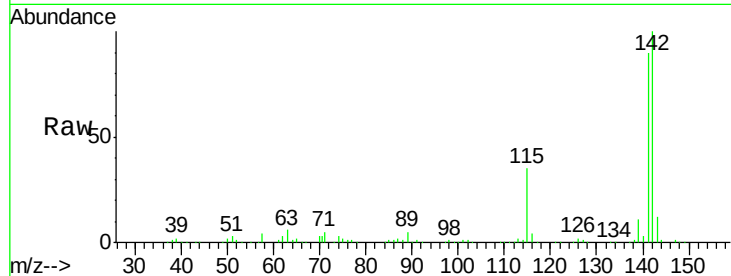




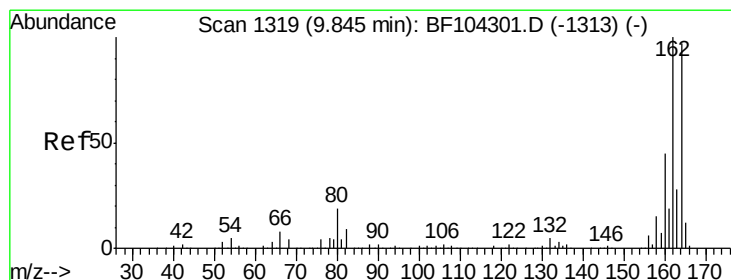
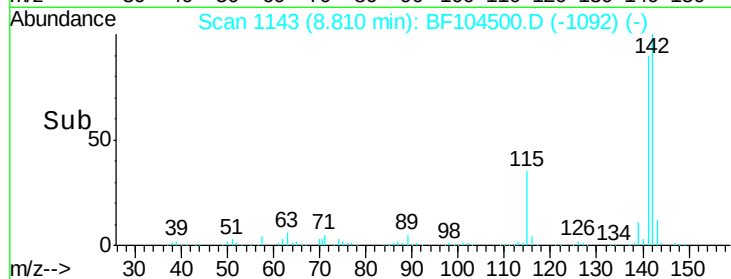
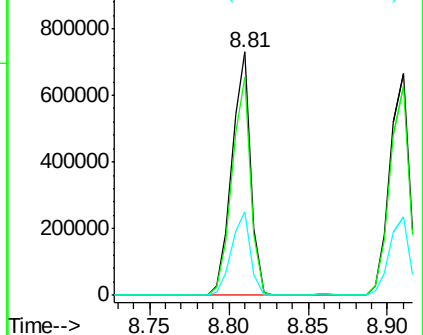
#37
2-Methylnaphthalene
Concen: 36.399 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	34.5	26.1	39.1

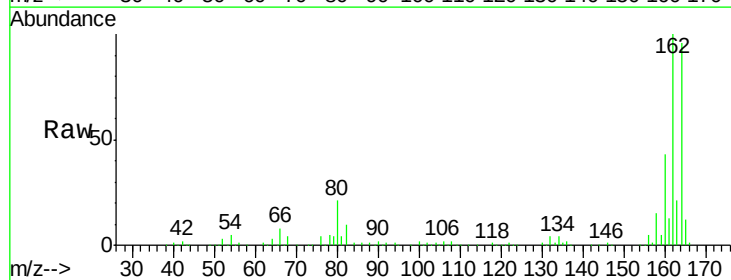


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

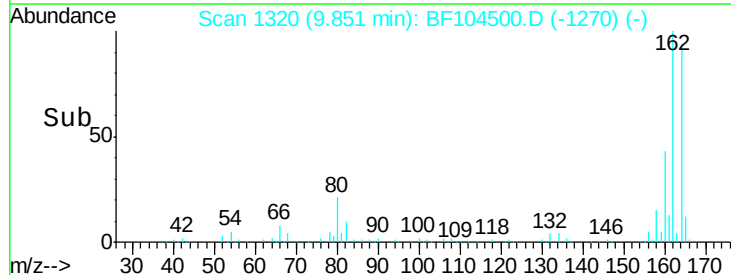
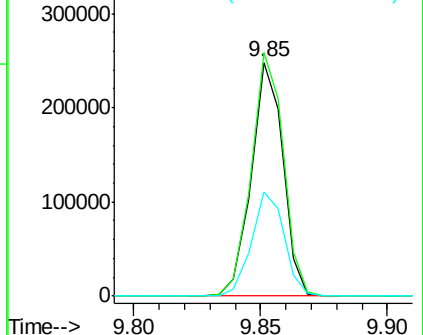


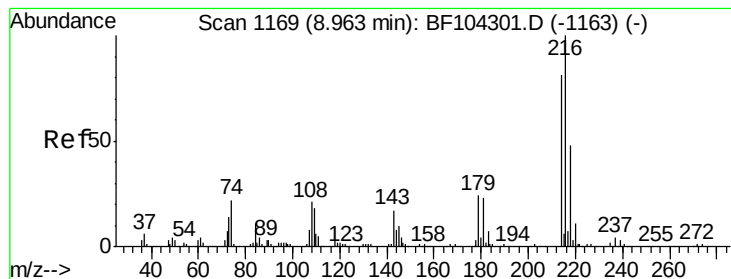
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	44.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.233 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

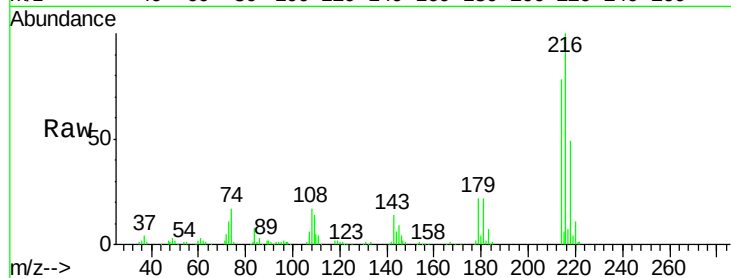
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	216	Resp:	266697
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.4
179	22.2	18.1	27.1
108	18.4	17.2	25.8

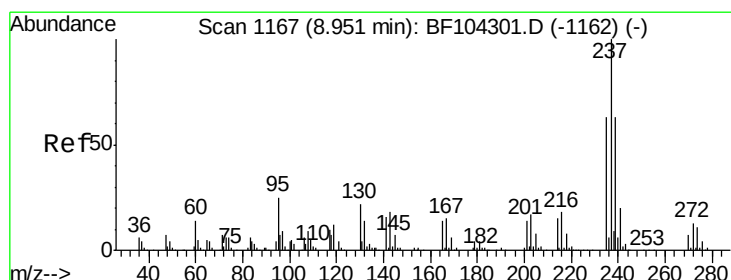
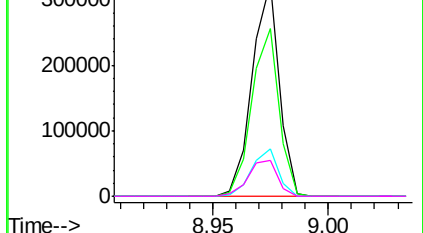
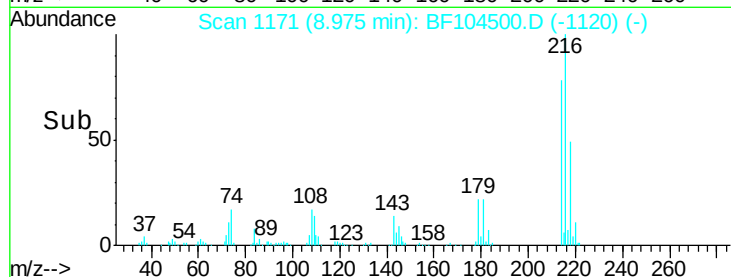


Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.797 ng

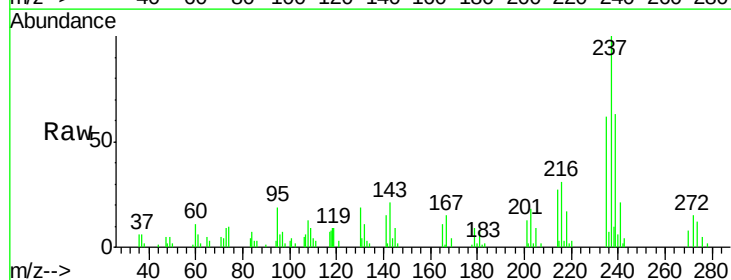
RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

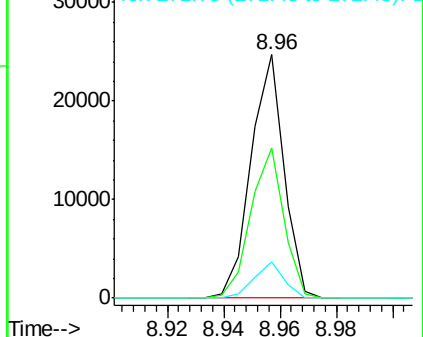
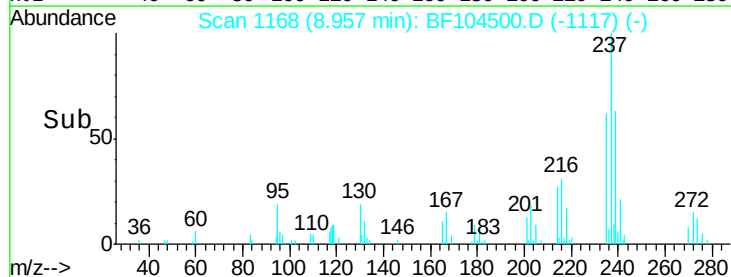
Tgt Ion:	237	Resp:	20019
Ion Ratio	Lower	Upper	
237	100		
235	61.6	44.8	84.8
272	14.9	0.0	33.3

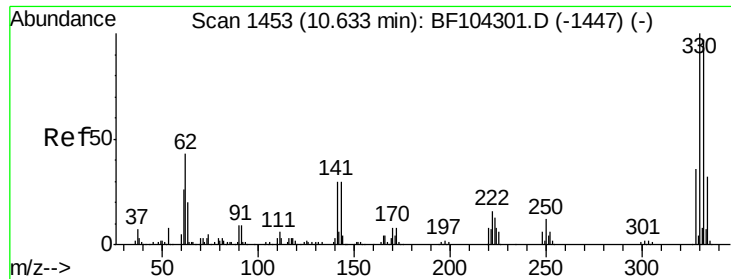


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 66.459 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

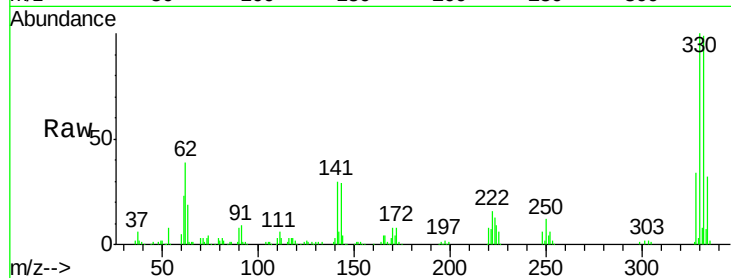
Tot Ion:330 Resp: 148563

Ion Ratio Lower Upper

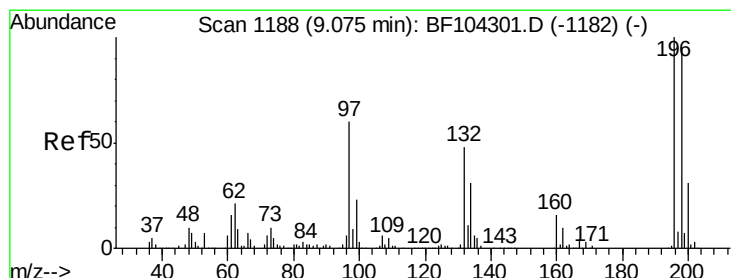
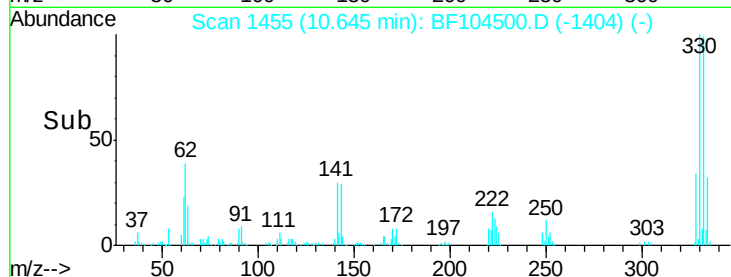
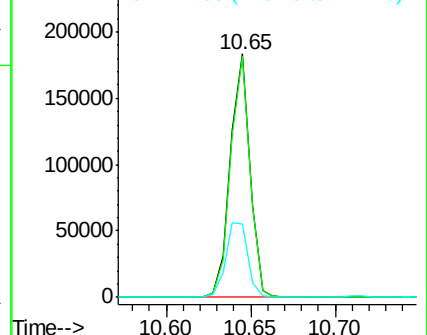
330 100

332 97.7 77.0 115.6

141 34.3 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: 39.726 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

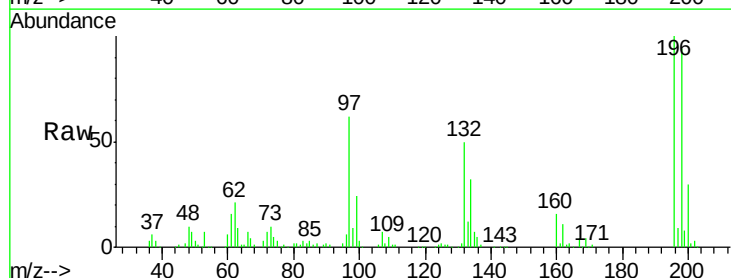
Tgt Ion:196 Resp: 170120

Ion Ratio Lower Upper

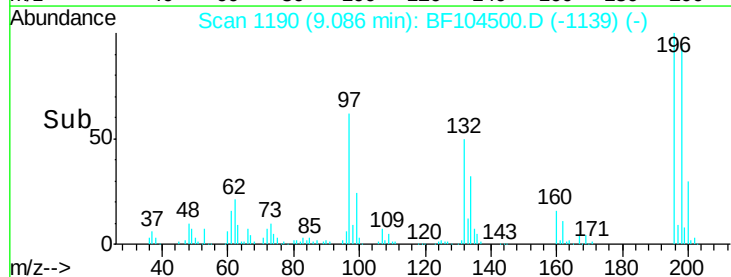
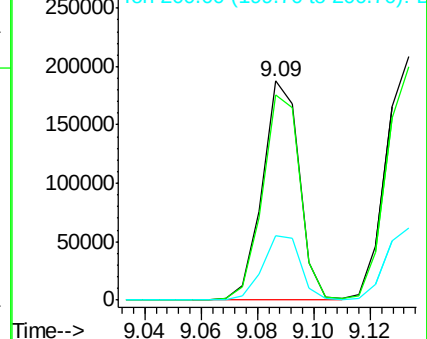
196 100

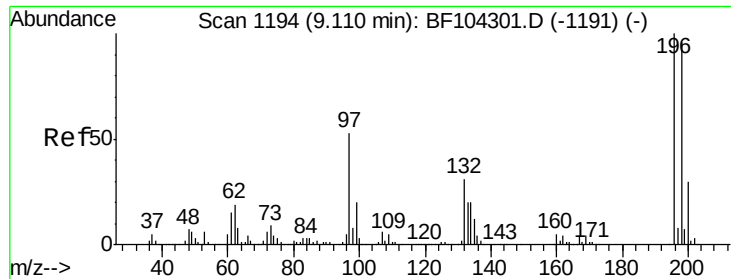
198 93.5 75.7 113.5

200 29.7 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

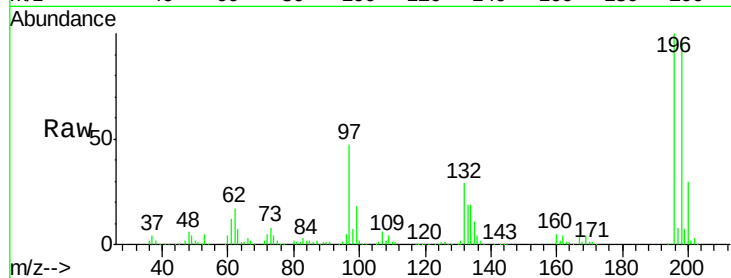




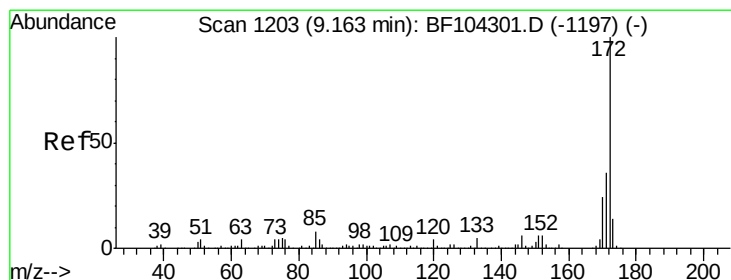
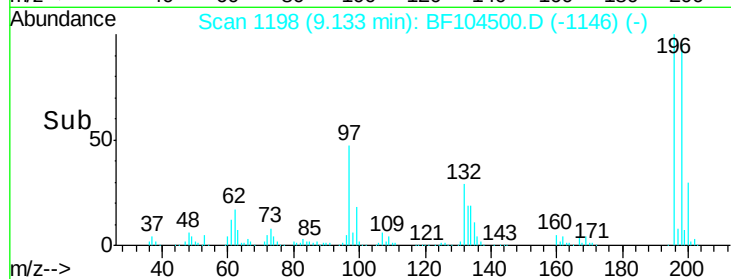
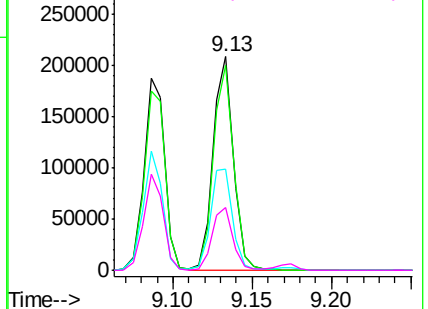
#43
 2,4,5-Trichlorophenol
 Concen: 38.808 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	185968
Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	47.2	42.9	64.3
132	29.1	26.3	39.5

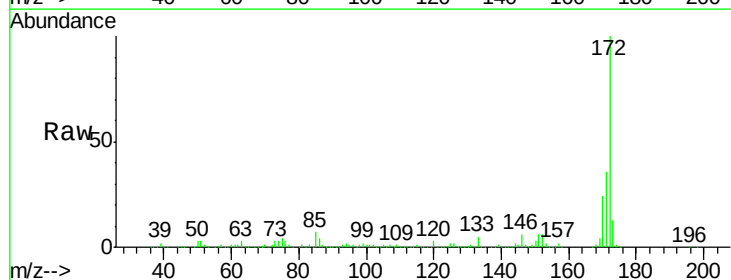


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

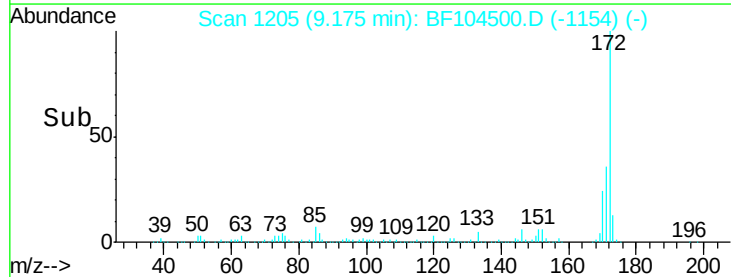
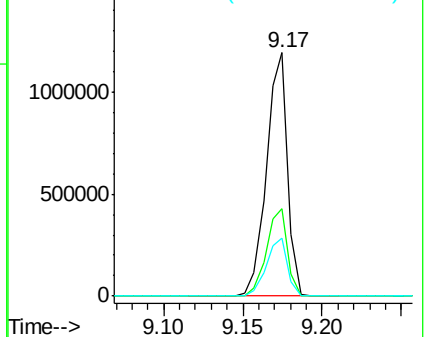


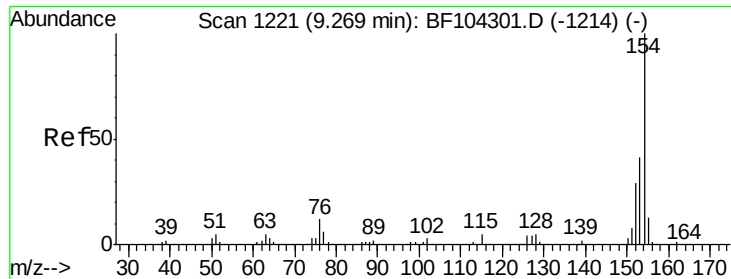
#44
 2-Fluorobiphenyl
 Concen: 81.027 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Tgt Ion:	172	Resp:	1105316
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.848 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

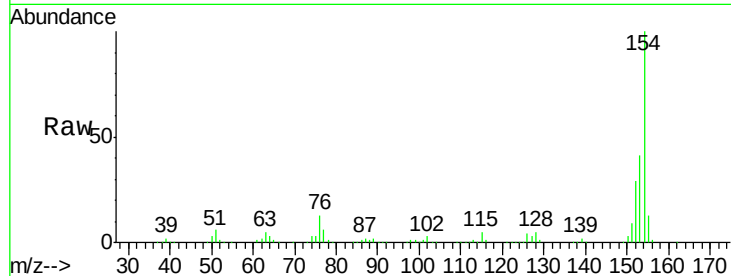
Tot Ion:154 Resp: 721375

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

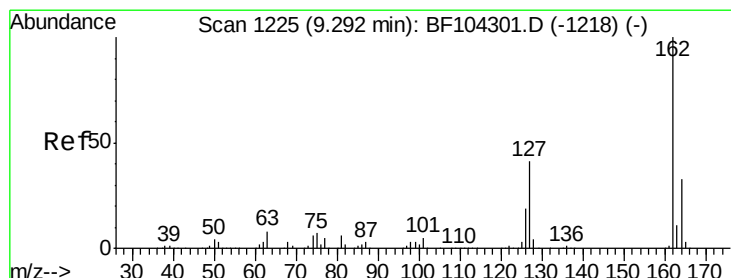
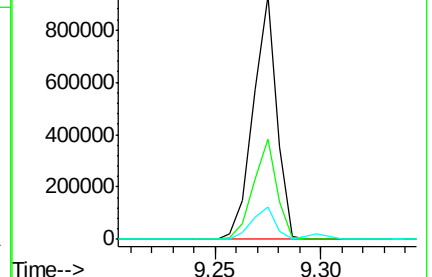
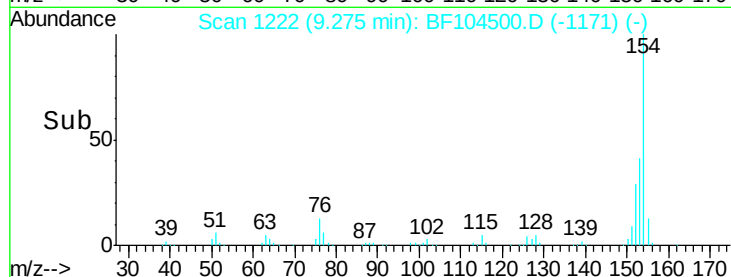
76 13.1 0.0 34.0



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: 39.812 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

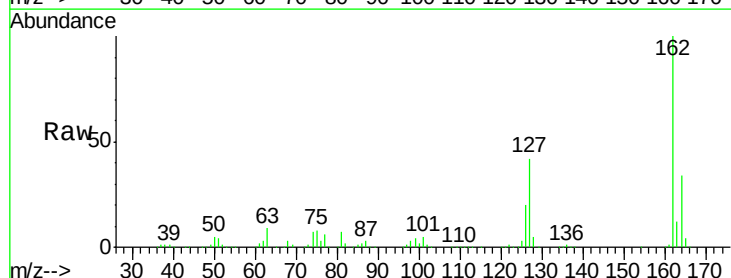
Tgt Ion:162 Resp: 569288

Ion Ratio Lower Upper

162 100

127 42.4 33.9 50.9

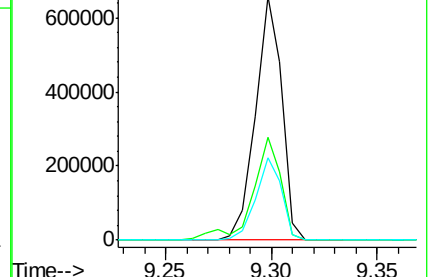
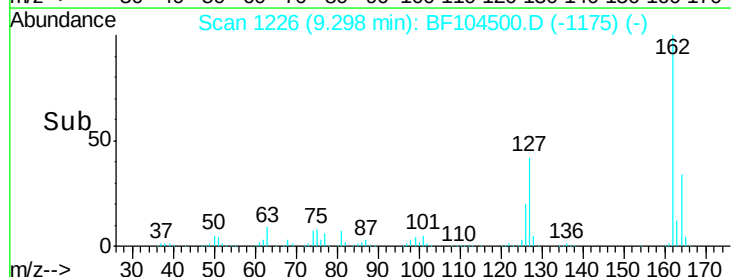
164 34.0 26.5 39.7

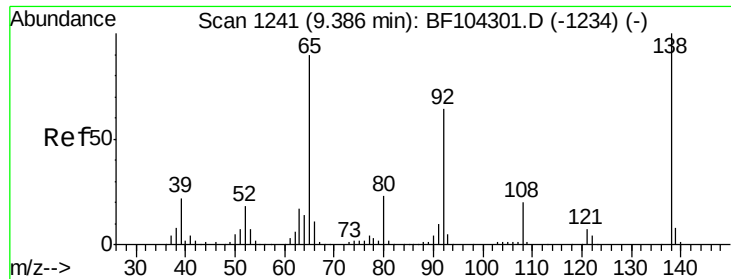


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

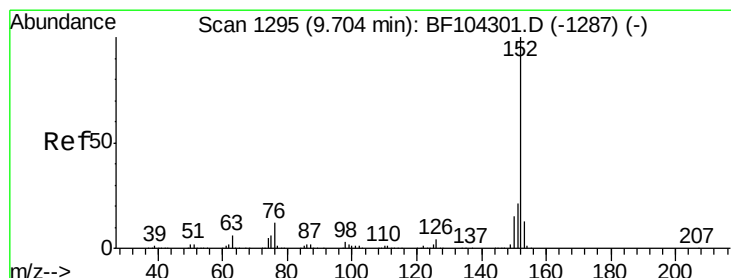
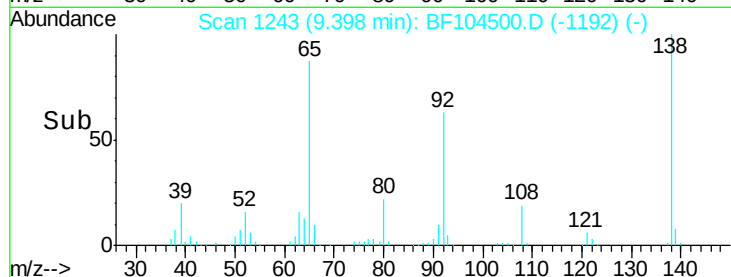
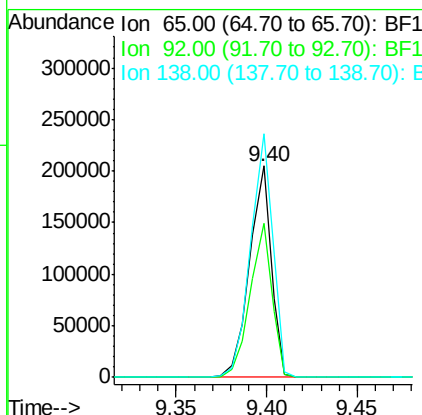
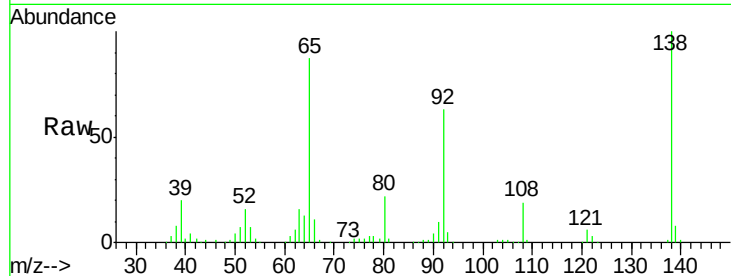




#47
2-Nitroaniline
Concen: 48.595 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

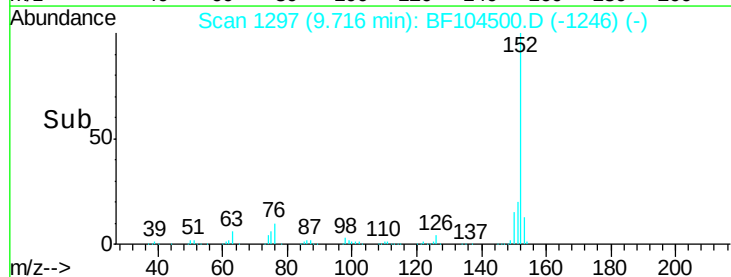
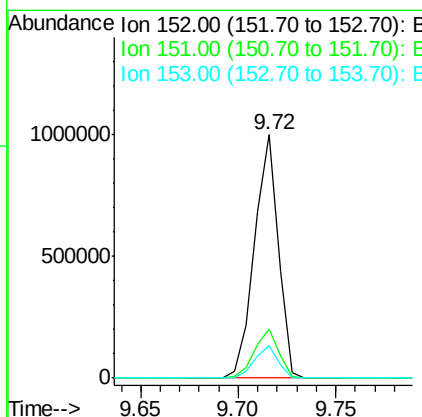
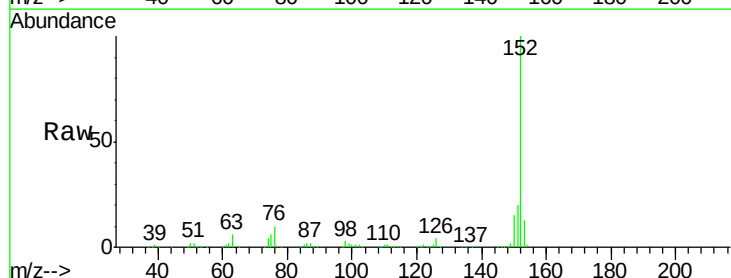
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

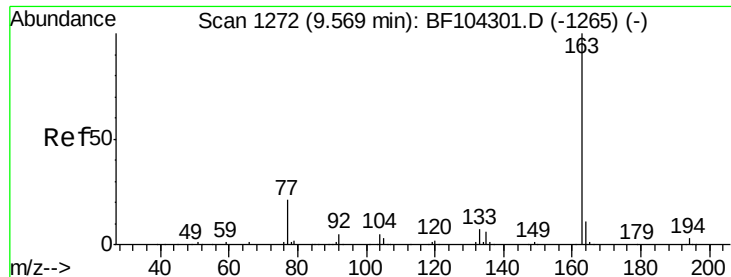
Tot Ion: 65 Resp: 171841
Ion Ratio Lower Upper
65 100
92 72.8 55.8 83.6
138 115.3 91.2 136.8



#48
Acenaphthylene
Concen: 37.656 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion: 152 Resp: 844809
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.2 10.7 16.1

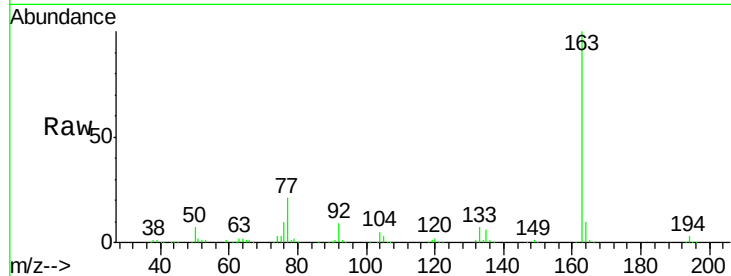




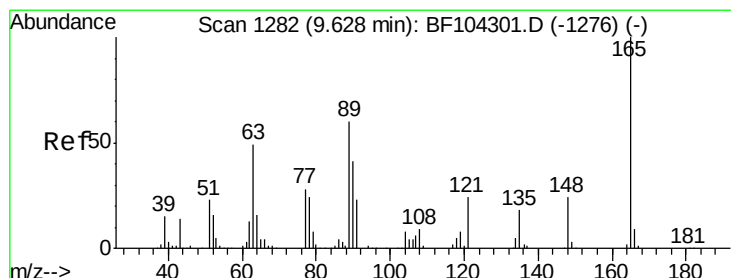
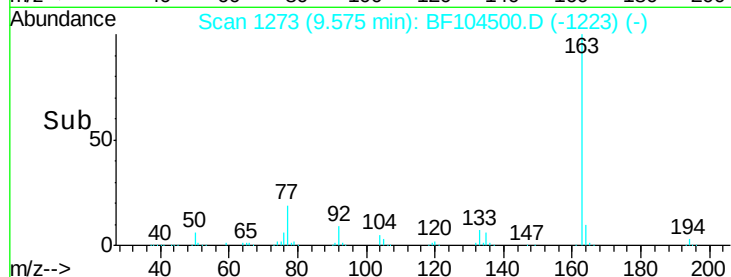
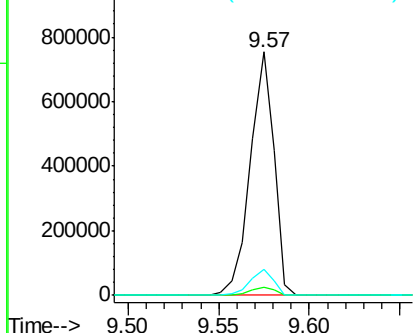
#49
Dimethylphthalate
Concen: 40.505 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 688337
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.4 8.2 12.2

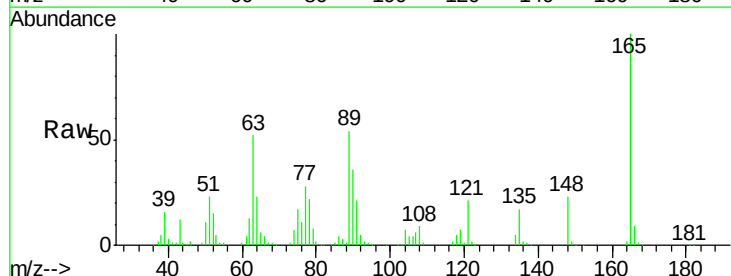


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

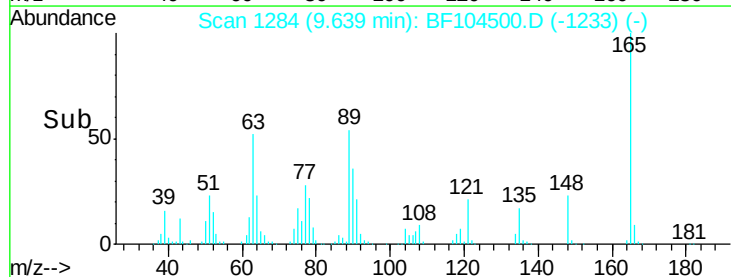
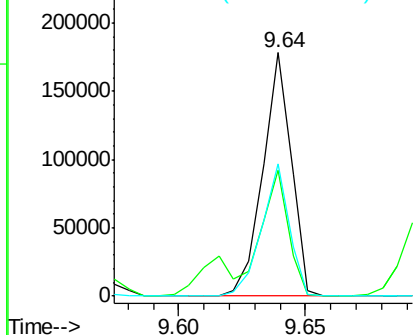


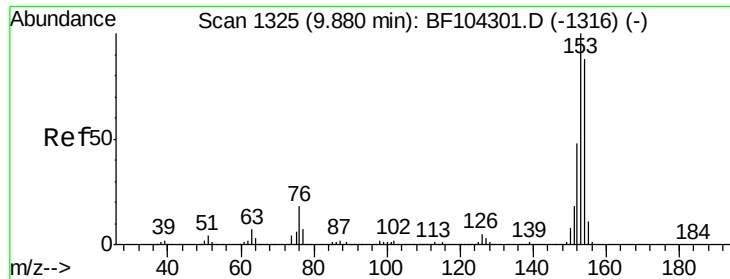
#50
2,6-Dinitrotoluene
Concen: 44.757 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion:165 Resp: 140739
Ion Ratio Lower Upper
165 100
63 51.9 44.7 67.1
89 54.3 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: 35.702 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

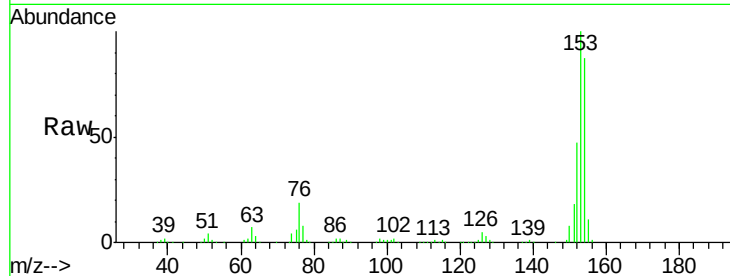
Tot Ion:154 Resp: 488705

Ion Ratio Lower Upper

154 100

153 114.9 91.2 136.8

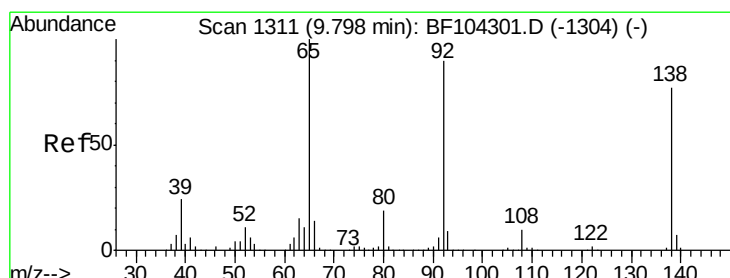
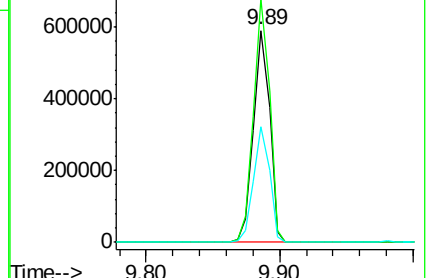
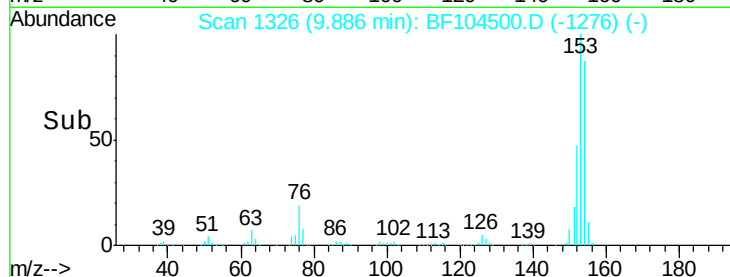
152 54.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.431 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

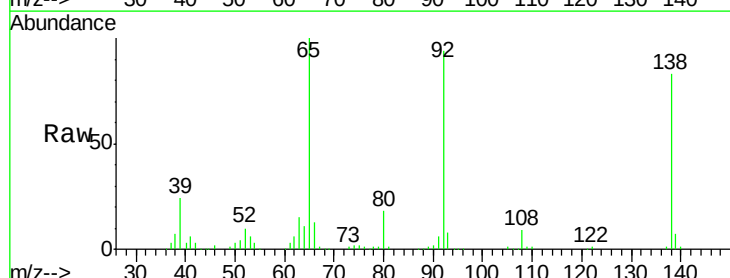
Tgt Ion:138 Resp: 163562

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

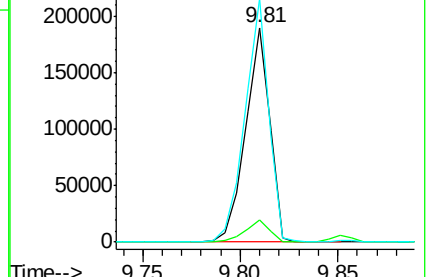
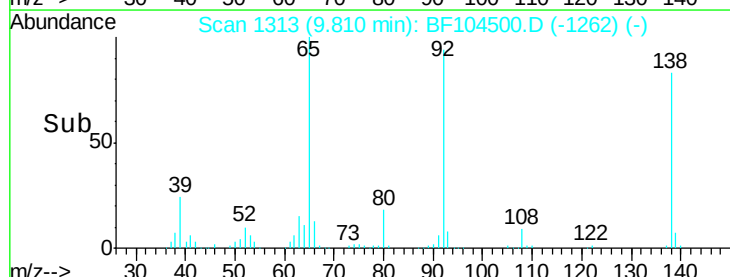
92 113.4 89.4 134.2

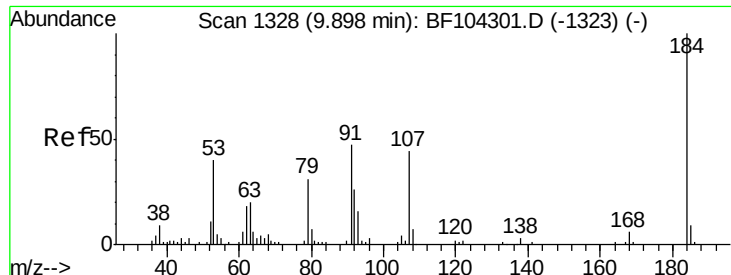


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

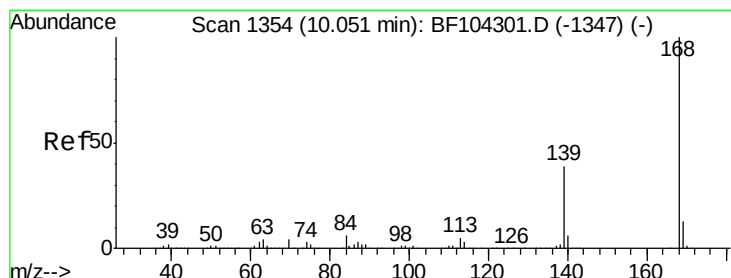
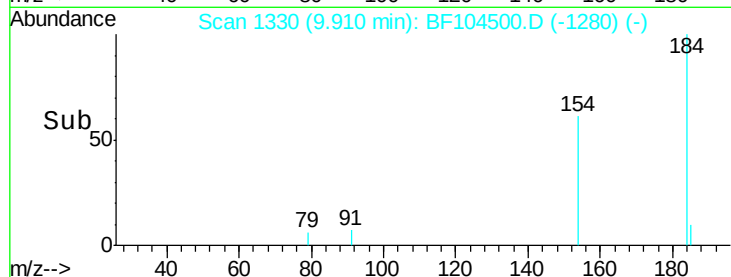
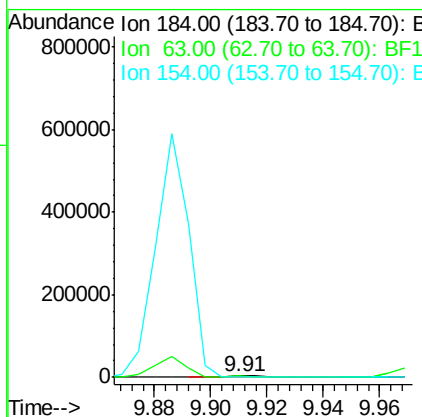
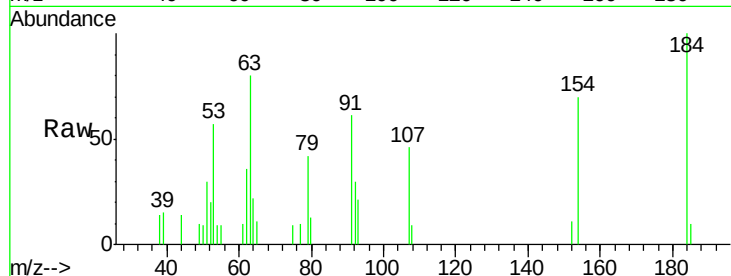




#53
 2,4-Dinitrophenol
 Concen: 9.109 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

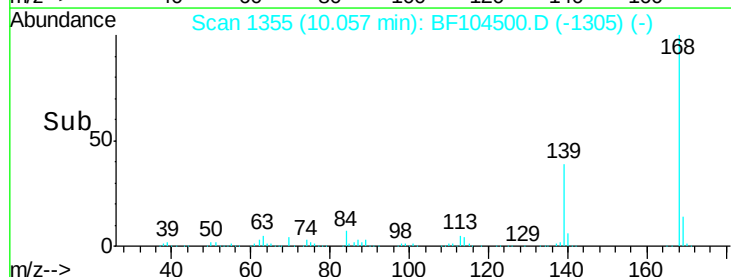
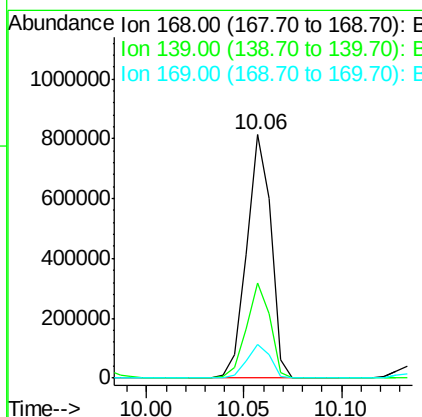
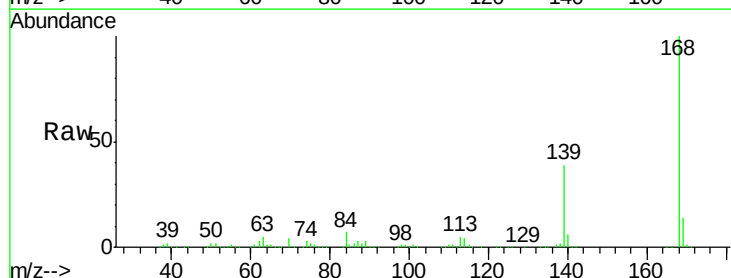
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

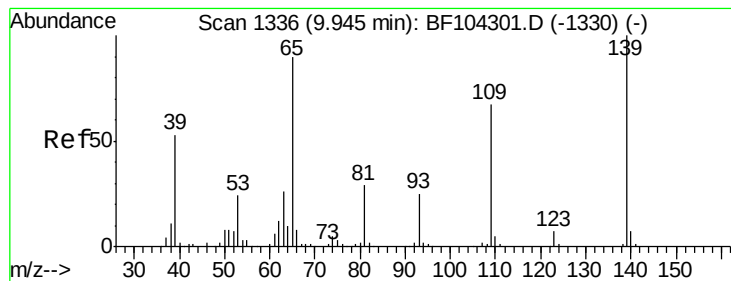
Tot Ion:184 Resp: 3505
 Ion Ratio Lower Upper
 184 100
 63 79.6 54.2 81.2
 154 70.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 36.603 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Tgt Ion:168 Resp: 698253
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.1 45.1
 169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 31.524 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

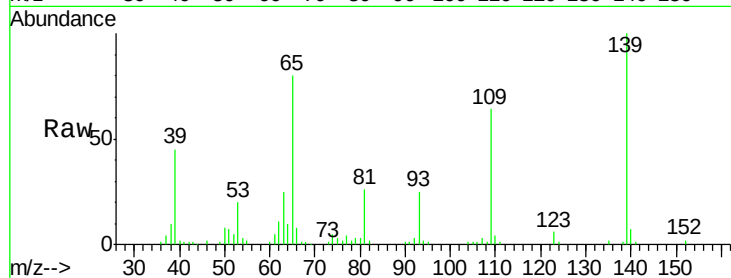
Tot Ion:139 Resp: 91160

Ion Ratio Lower Upper

139 100

109 63.9 48.4 88.4

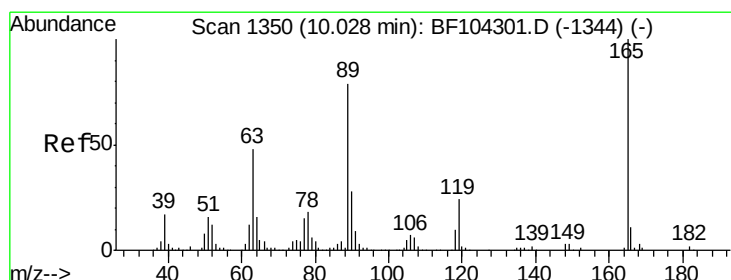
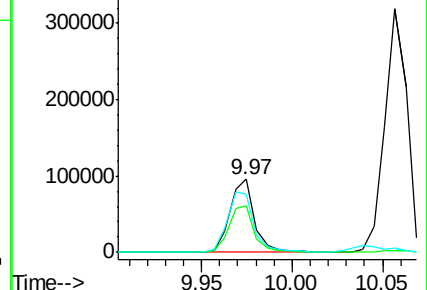
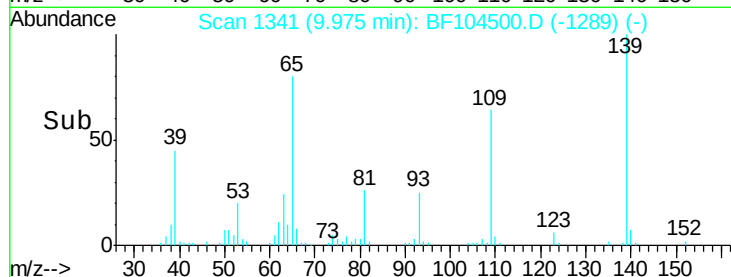
65 80.0 72.6 112.6



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: 41.551 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Tgt Ion:165 Resp: 171384

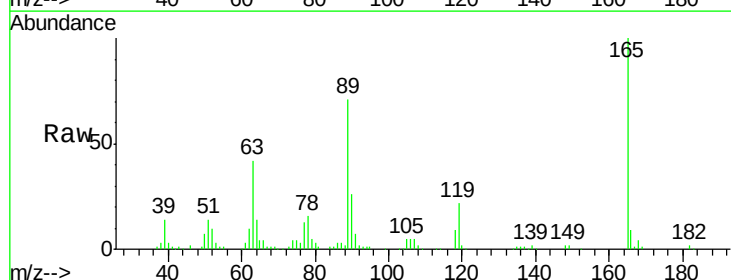
Ion Ratio Lower Upper

165 100

63 42.5 36.4 54.6

89 70.5 57.8 86.6

182 2.2 1.6 2.4

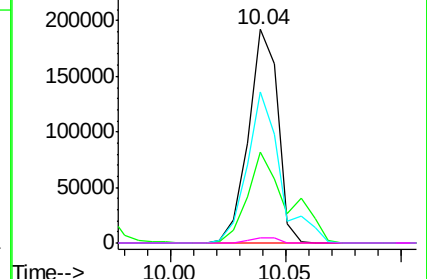
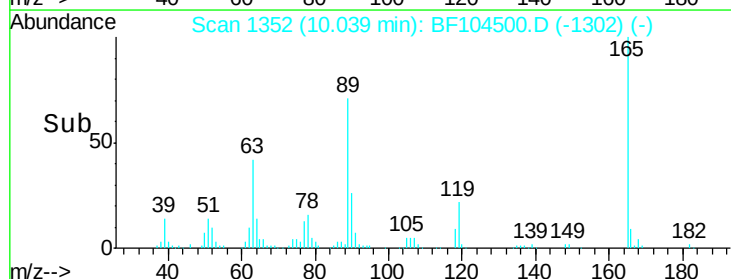


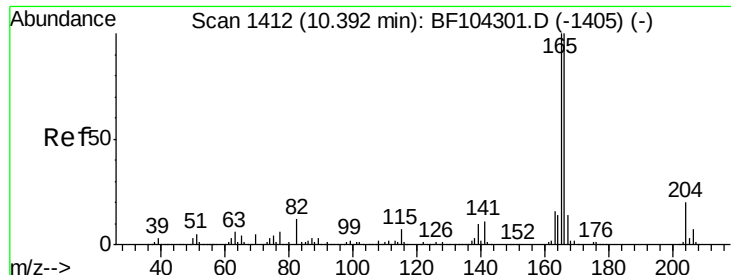
Abundance Ion 165.00 (164.70 to 165.70): E

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

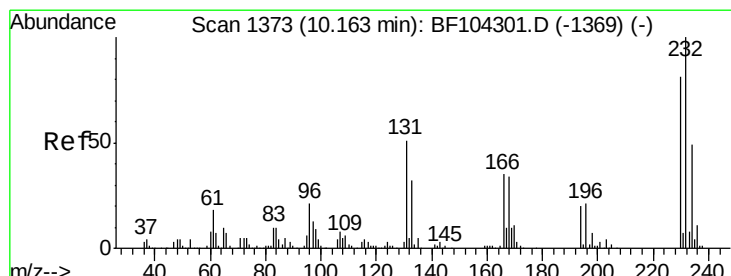
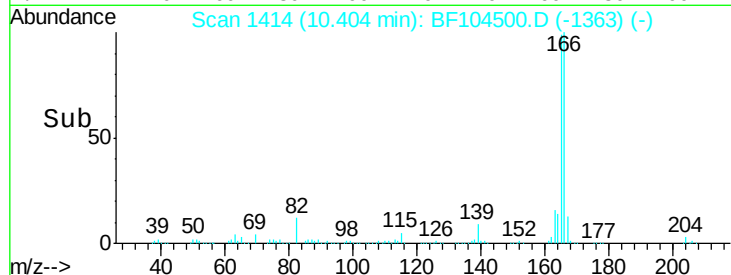
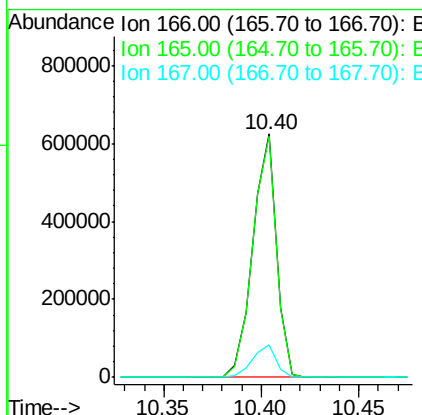
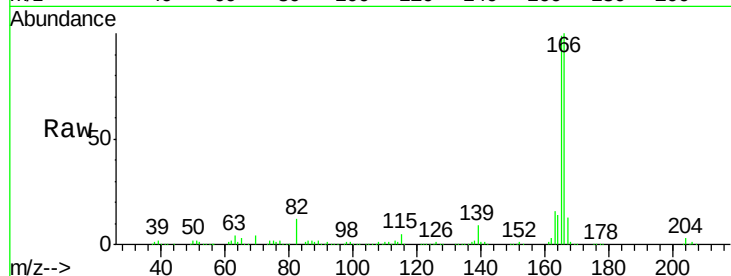




#57
 Fluorene
 Concen: 37.593 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

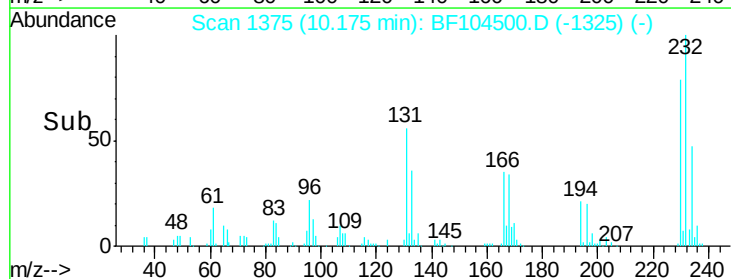
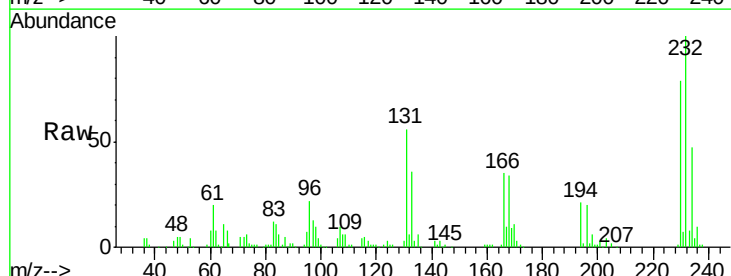
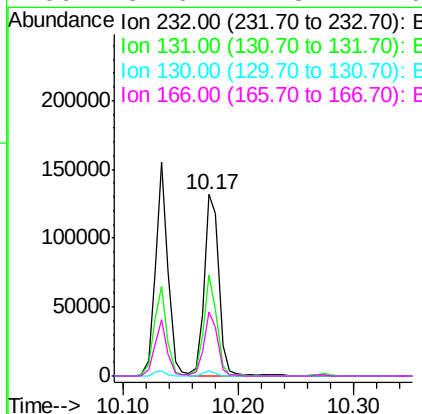
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

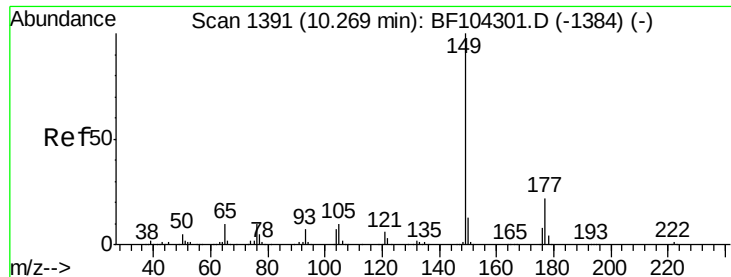
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.103 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.4	43.8	65.8
130	2.2	2.1	3.1
166	32.6	27.8	41.6

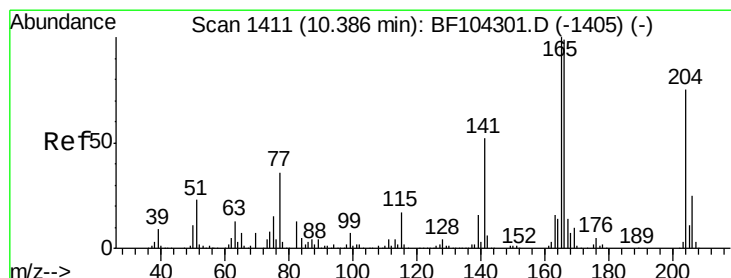
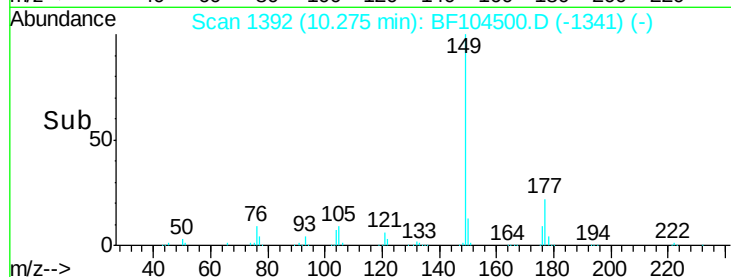
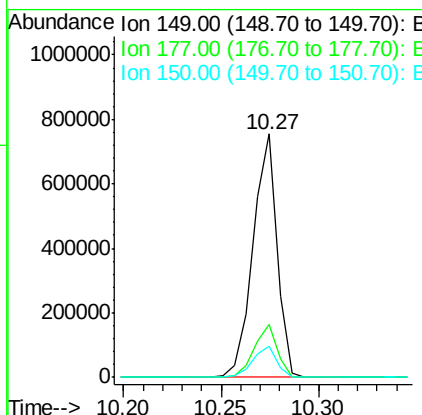
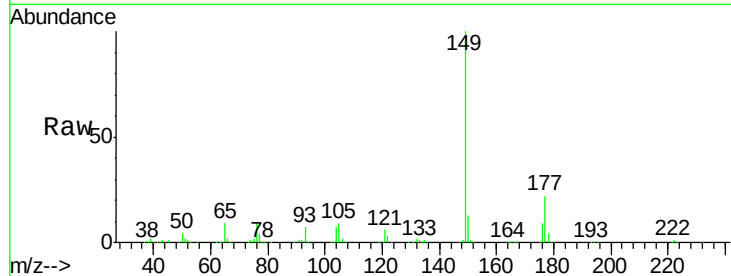




#59
Diethylphthalate
Concen: 37.908 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

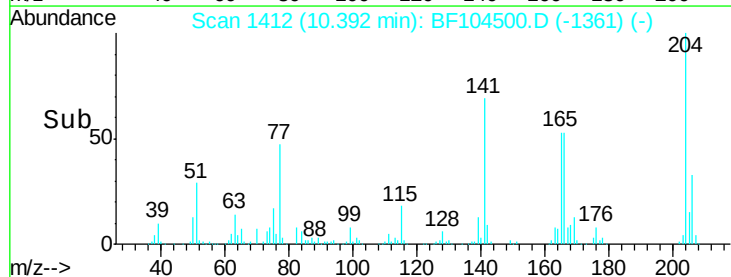
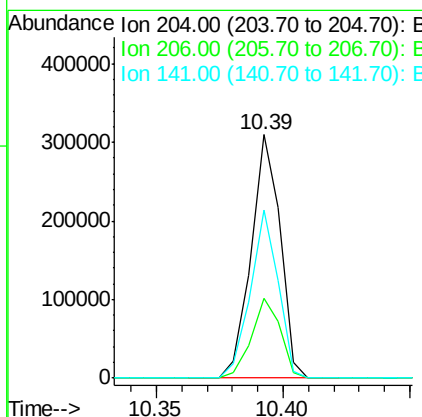
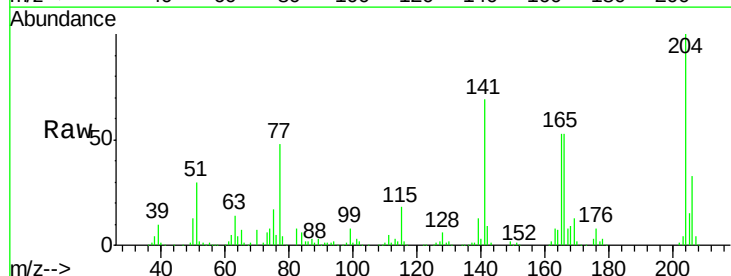
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

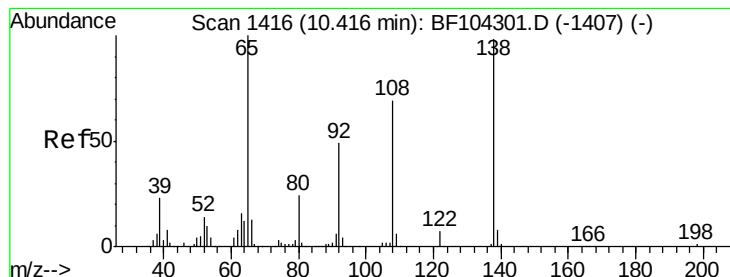
Tot Ion:149 Resp: 641580
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.992 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion:204 Resp: 247299
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 69.2 54.6 81.8





#61

4-Nitroaniline

Concen: 42.200 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

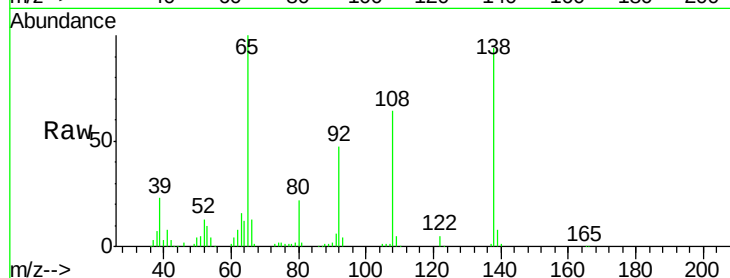
Tot Ion:138 Resp: 151898

Ion Ratio Lower Upper

138 100

92 49.7 30.2 70.2

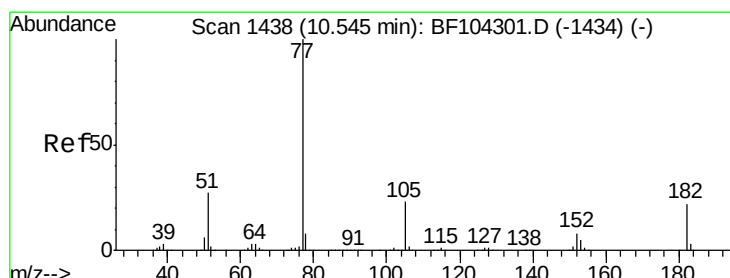
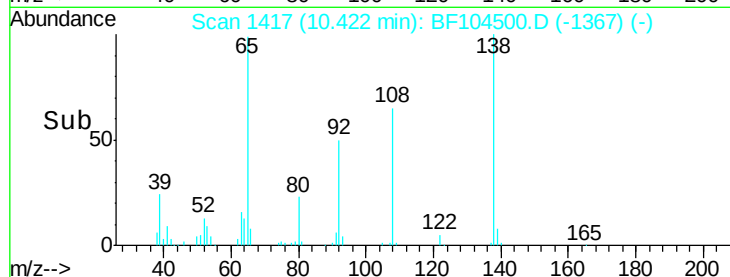
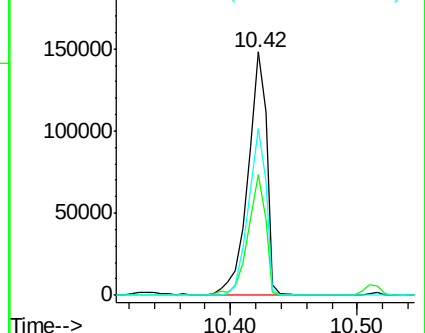
108 68.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.087 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Tgt Ion: 77 Resp: 551169

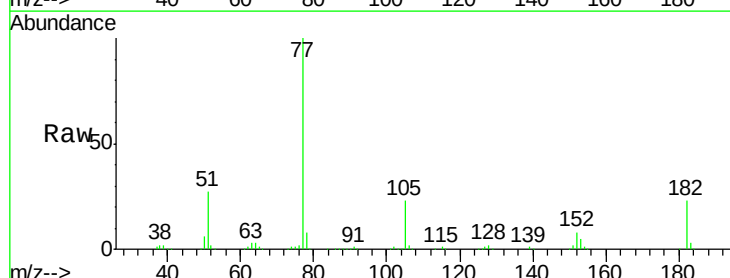
Ion Ratio Lower Upper

77 100

182 22.6 1.7 41.7

105 22.9 3.0 43.0

51 26.7 9.9 49.9

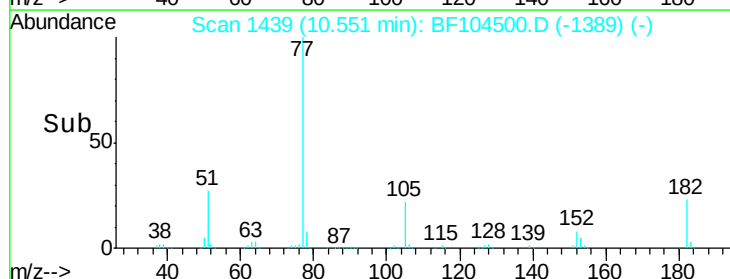
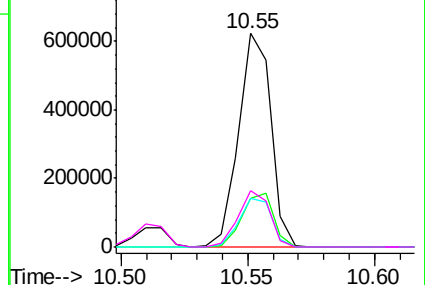


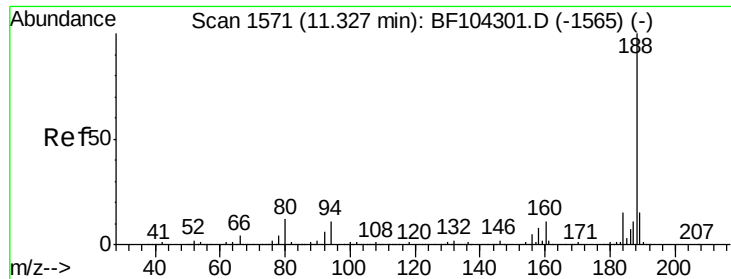
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

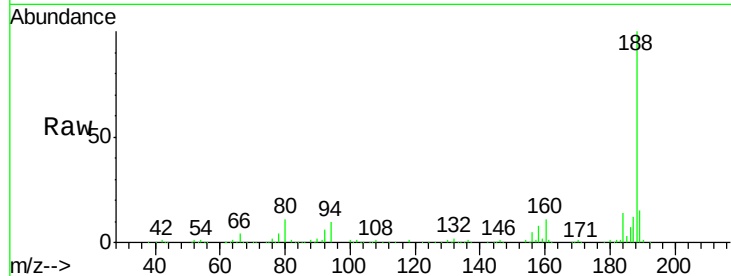
Tot Ion:188 Resp: 324145

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

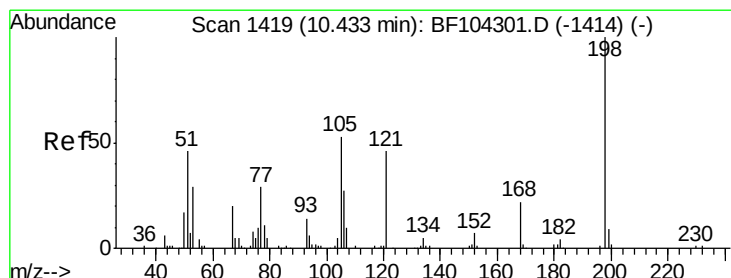
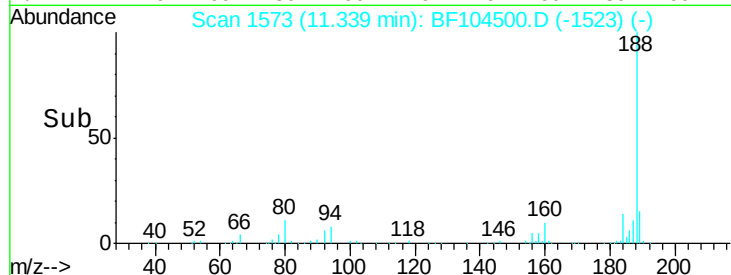
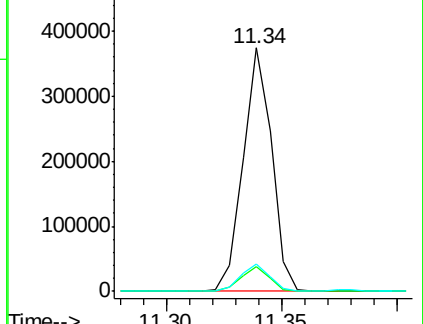
80 11.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 13.744 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

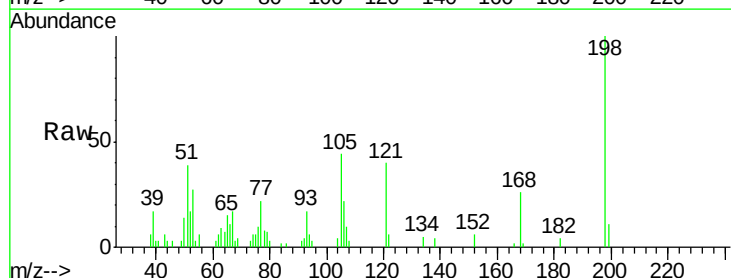
Tgt Ion:198 Resp: 11924

Ion Ratio Lower Upper

198 100

51 38.8 37.7 77.7

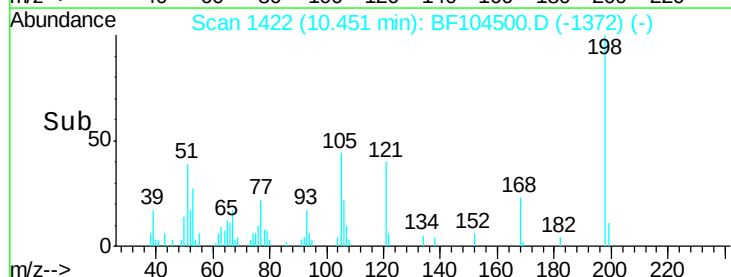
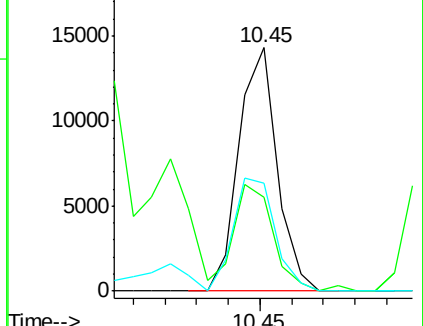
105 44.5 36.3 76.3

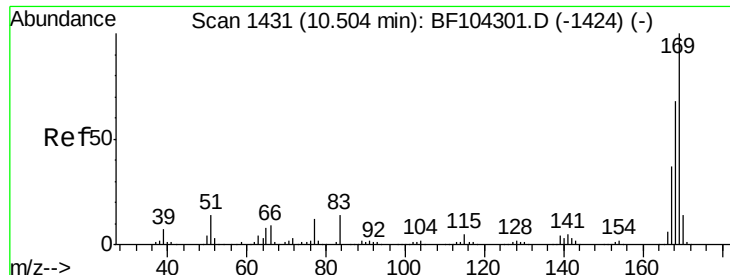


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

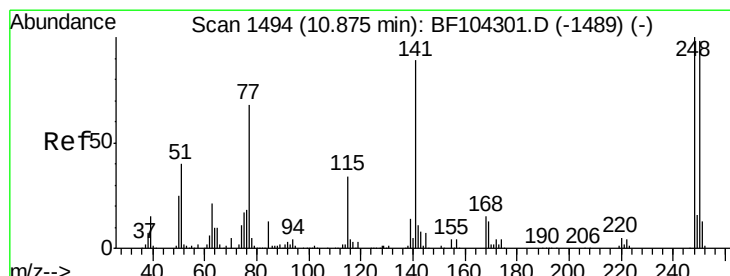
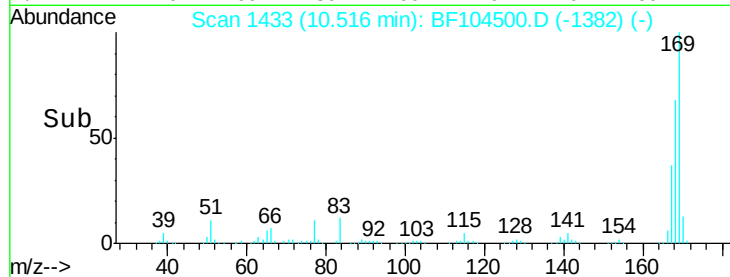
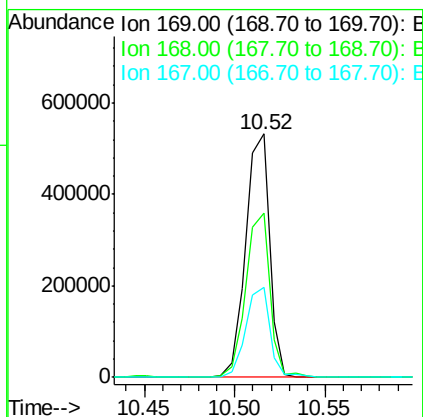
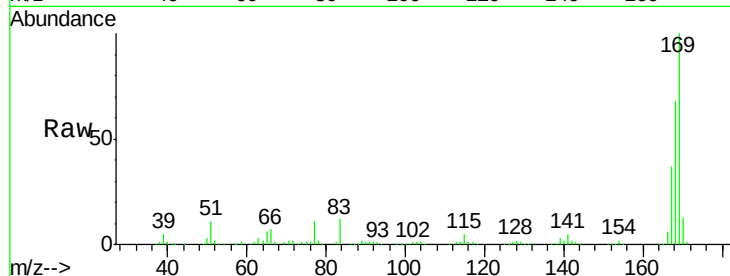




#65
 n-Nitrosodiphenylamine
 Concen: 43.451 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

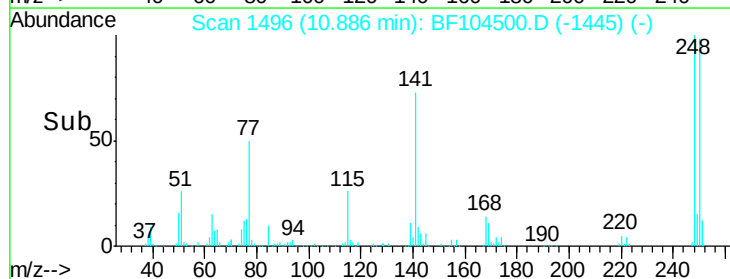
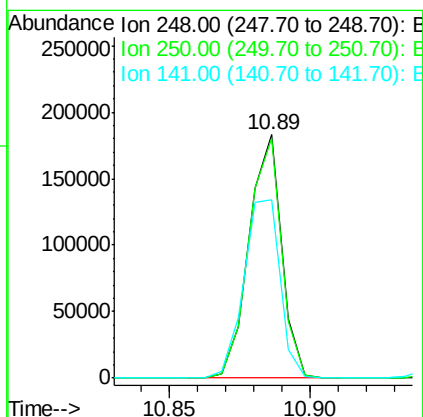
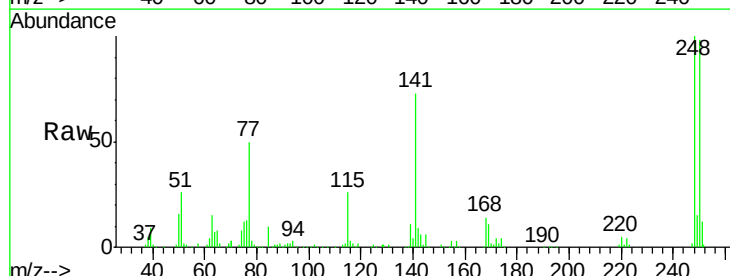
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

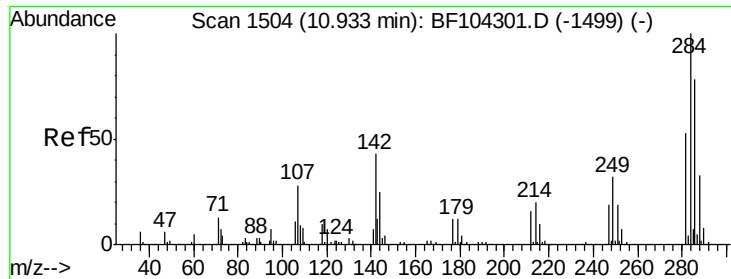
Tot Ion:169 Resp: 488342
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 37.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.485 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Tgt Ion:248 Resp: 146484
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.9 115.3
 141 73.0 74.4 111.6#

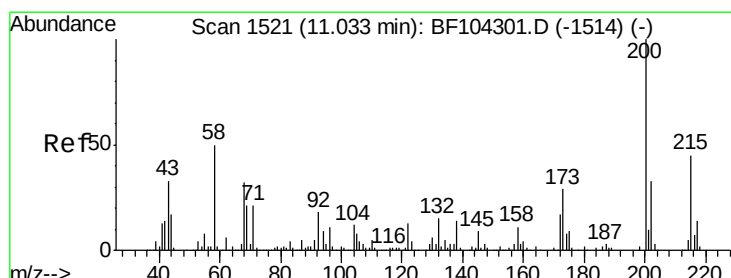
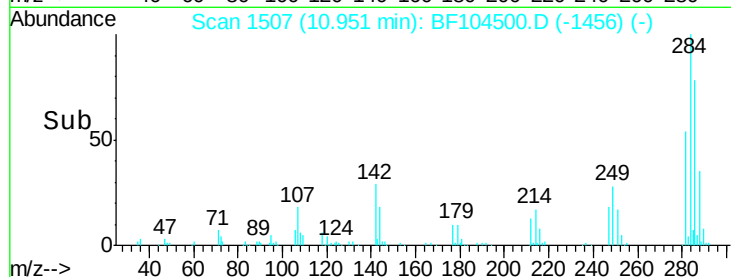
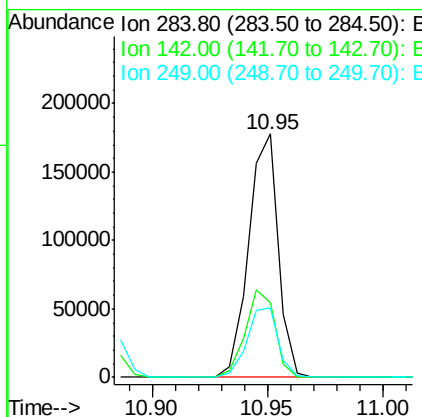
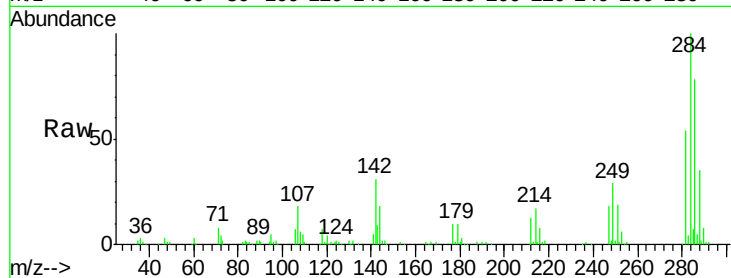




#67
Hexachlorobenzene
Concen: 41.116 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

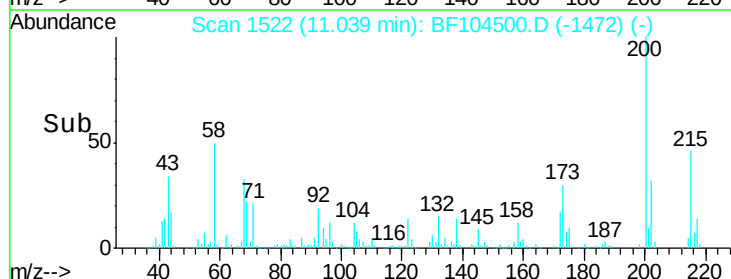
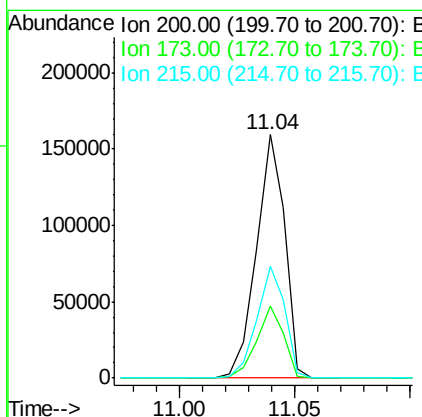
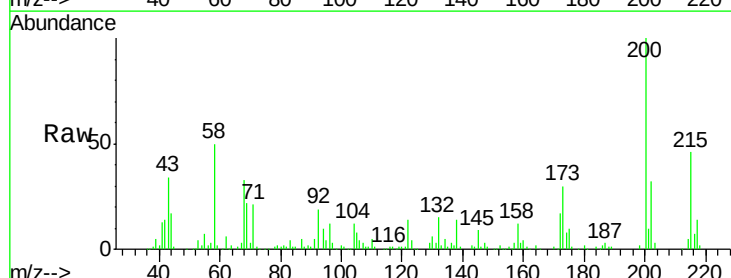
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

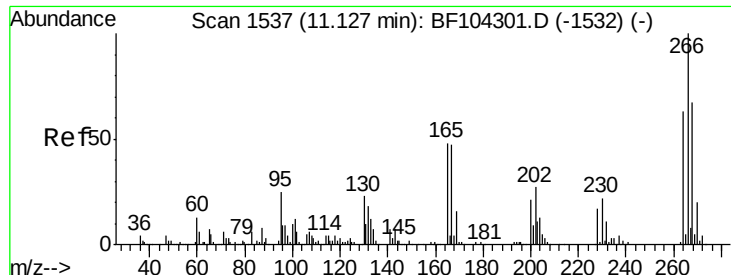
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.6	34.6	52.0#
249	28.7	24.8	37.2



#68
Atrazine
Concen: 40.314 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	8.6	48.6
215	45.9	25.1	65.1

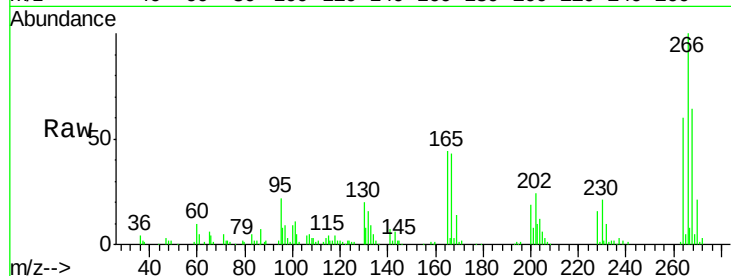




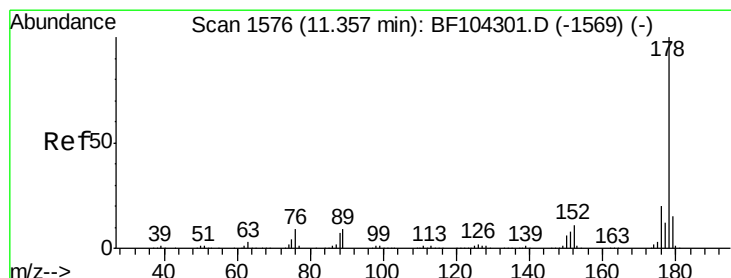
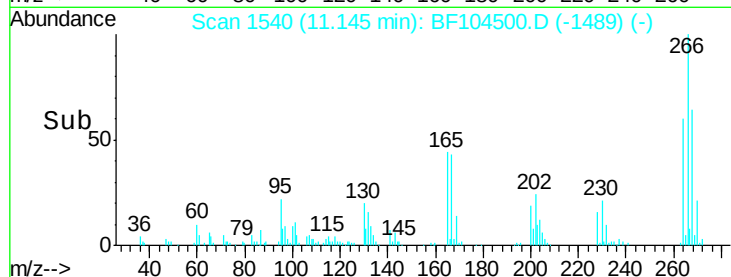
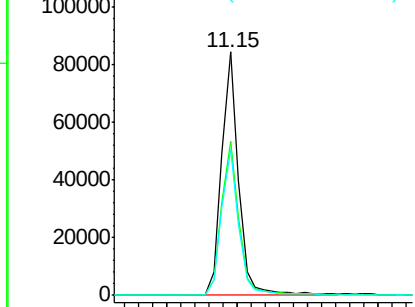
#69
 Pentachlorophenol
 Concen: 29.688 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 71254
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 60.0 49.5 74.3

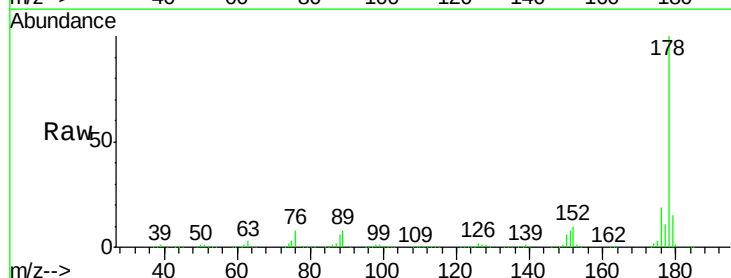


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

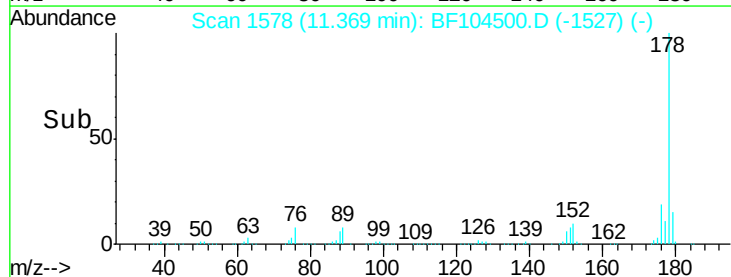
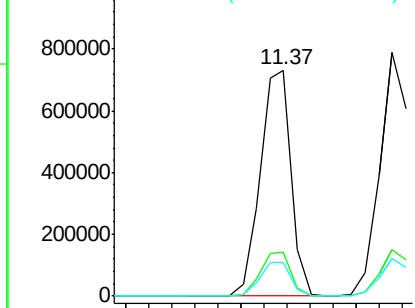


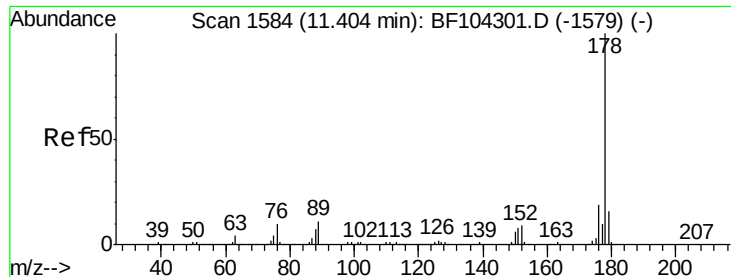
#70
 Phenanthrene
 Concen: 37.485 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Tgt Ion:178 Resp: 676662
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.2 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

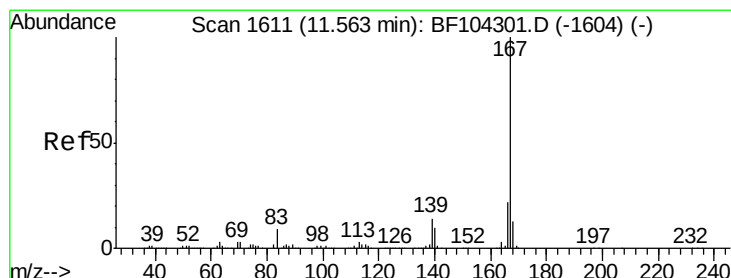
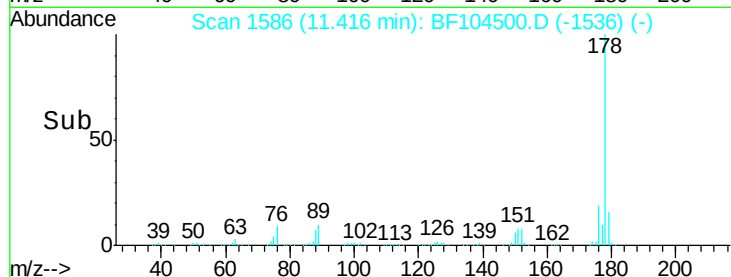
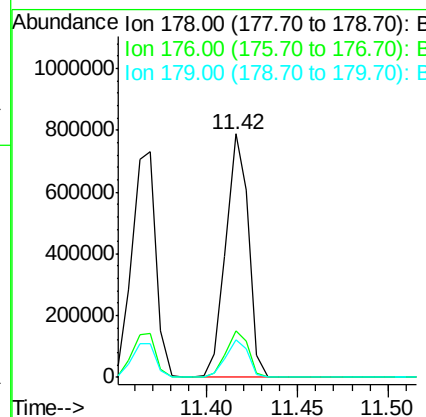
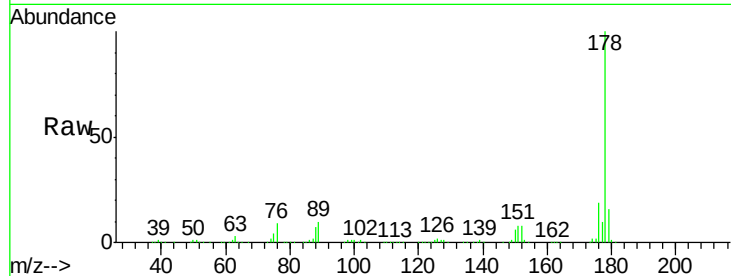




#71
 Anthracene
 Concen: 37.490 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

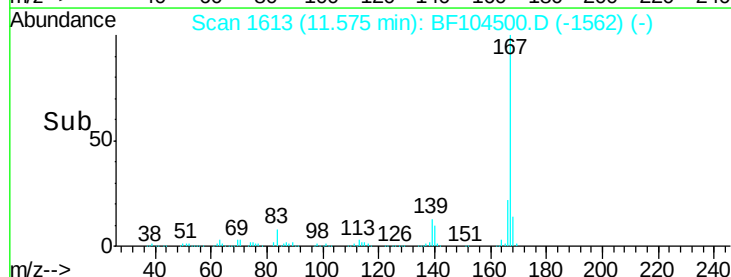
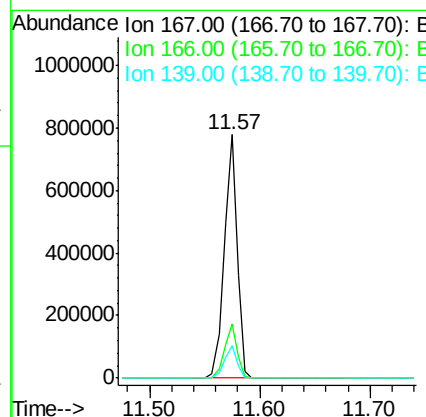
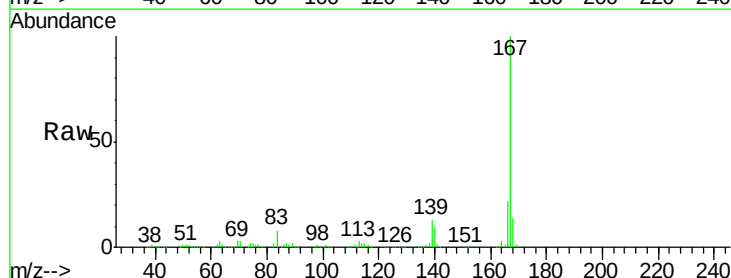
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

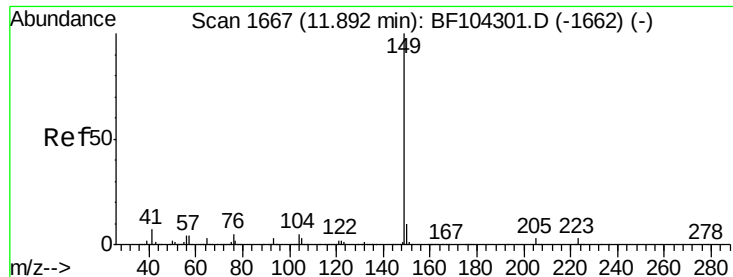
Tot Ion:178 Resp: 687920
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 35.364 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Tgt Ion:167 Resp: 634092
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.657 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

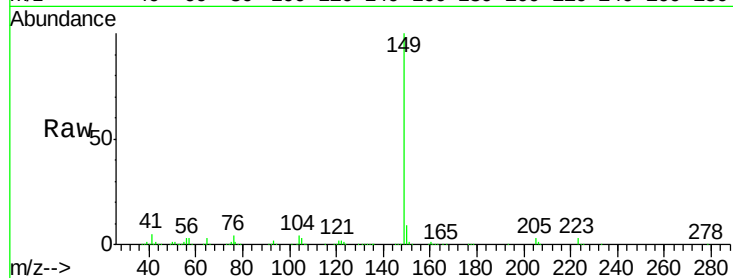
Tot Ion:149 Resp: 868615

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

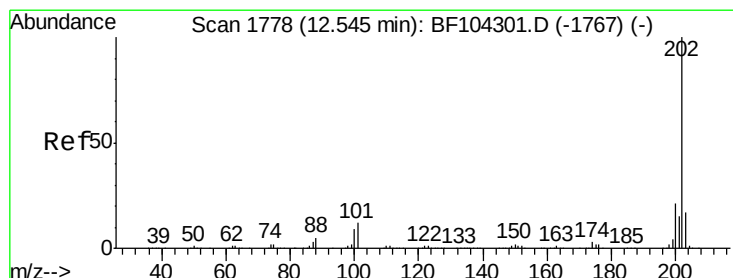
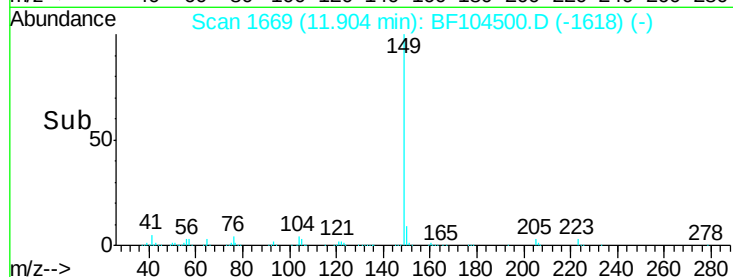
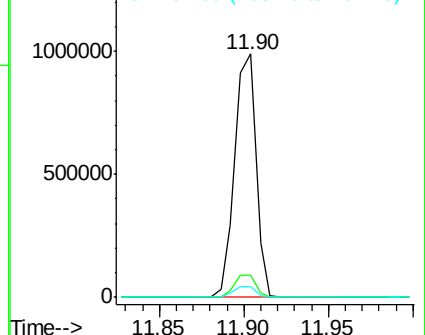
104 4.5 3.8 5.8



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: 33.587 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

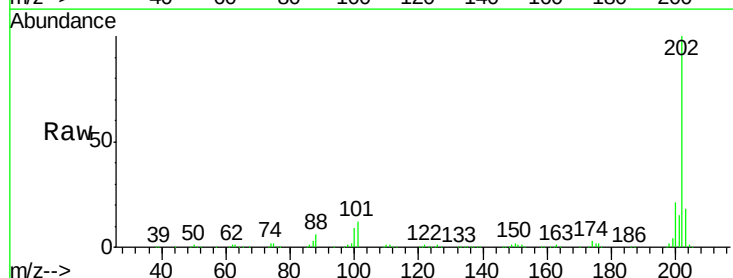
Tgt Ion:202 Resp: 633464

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

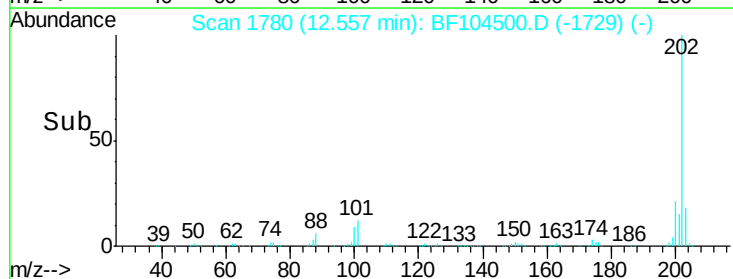
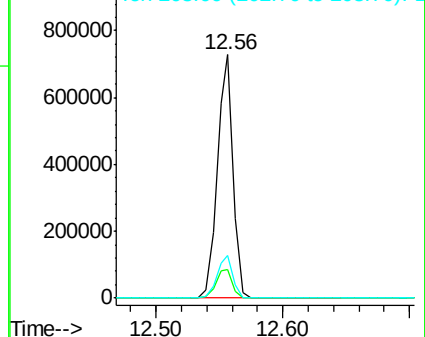
203 17.6 0.0 38.1

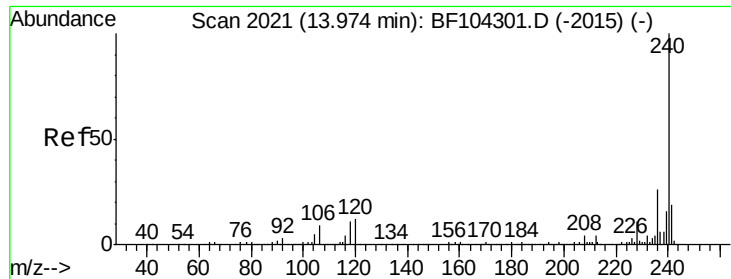


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

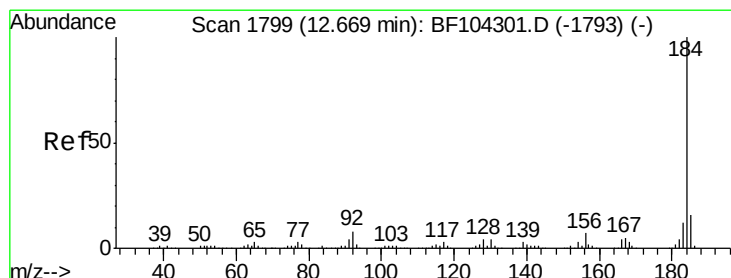
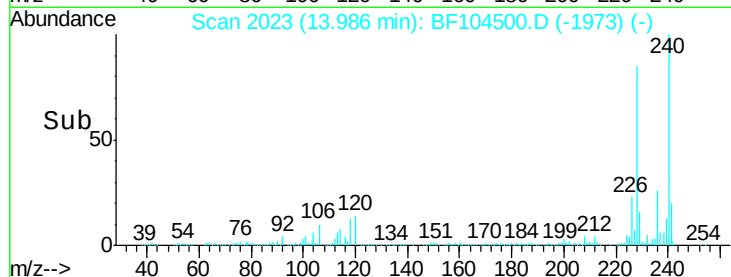
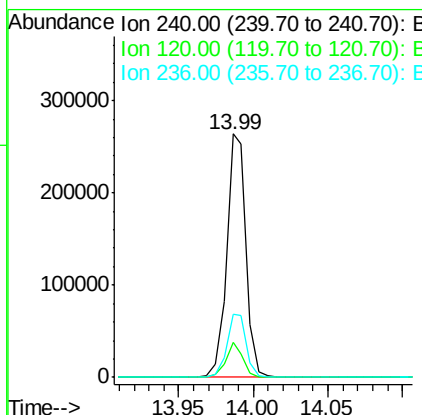
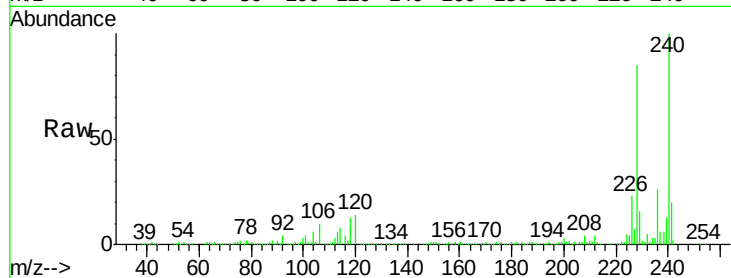




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

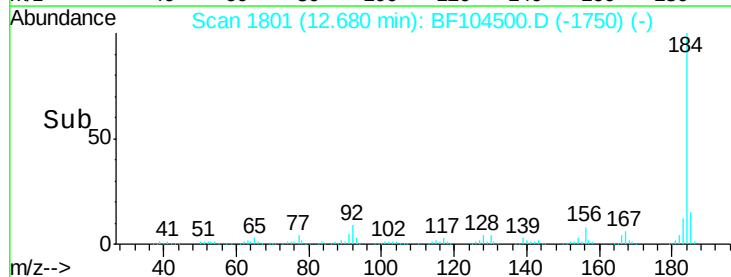
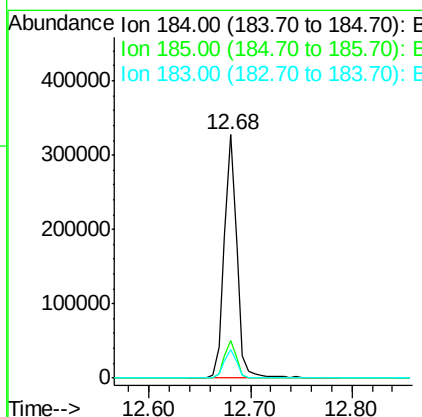
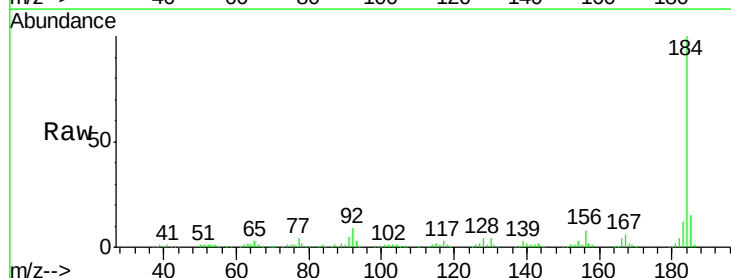
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

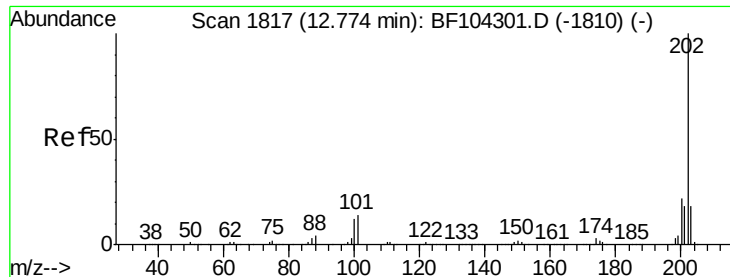
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.7	20.7	31.1



#76
Benzidine
Concen: 33.064 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	18.8
183	11.8	9.3	13.9

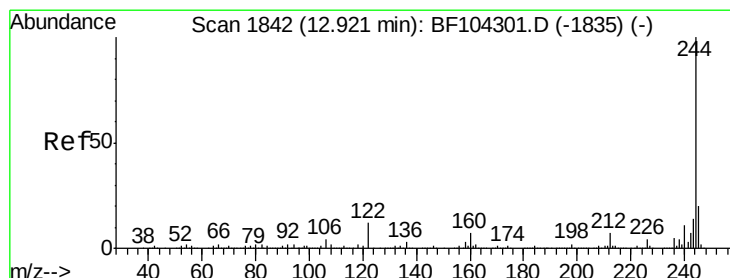
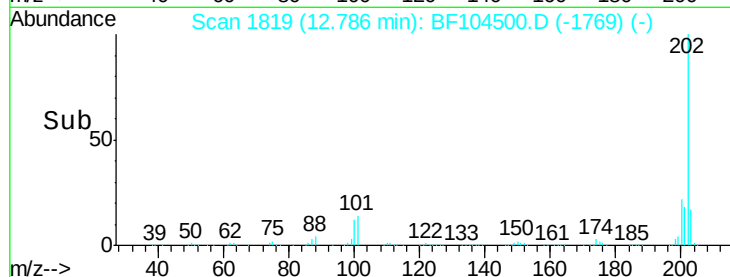
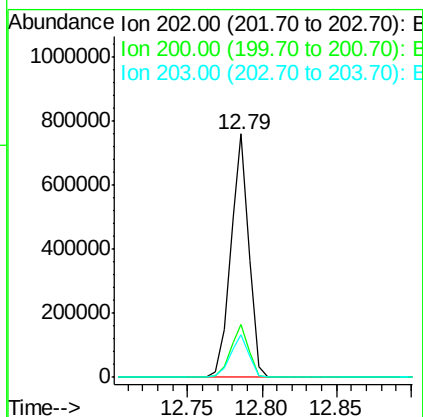
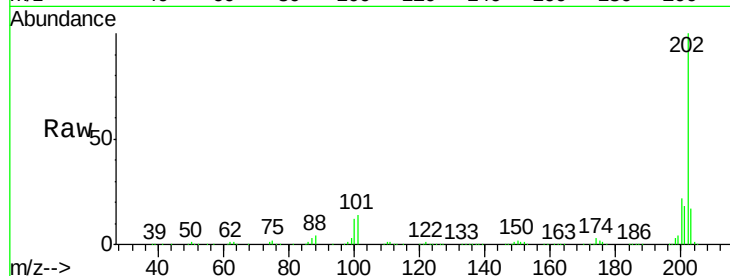




#77
Pvrene
Concen: 36.300 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

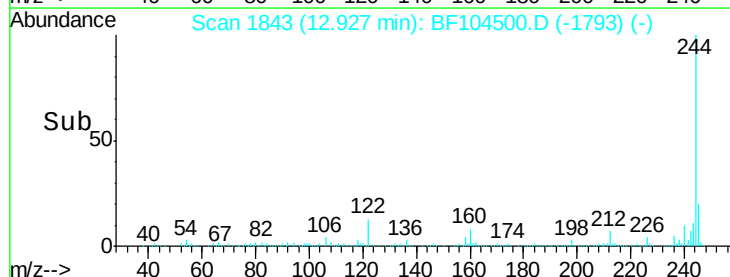
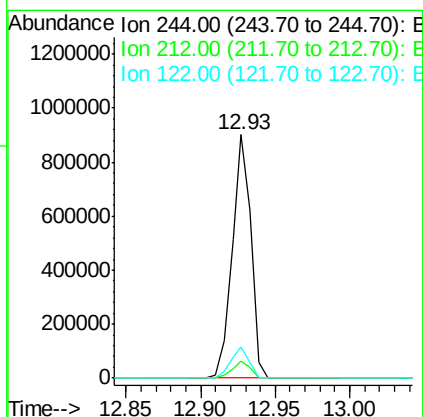
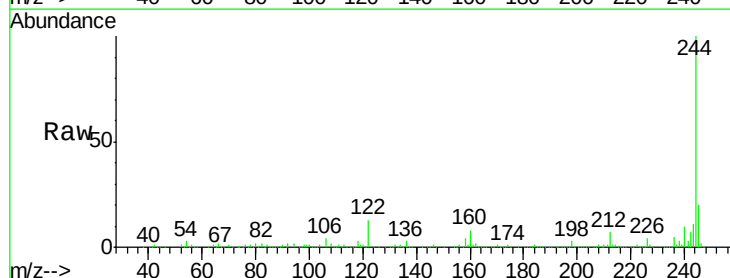
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

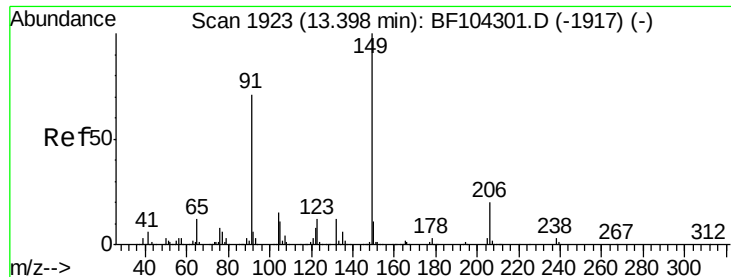
Tot Ion:202 Resp: 647681
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.4 14.3 21.5



#78
Terphenyl-d14
Concen: 75.623 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion:244 Resp: 798466
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.9 11.0 16.4

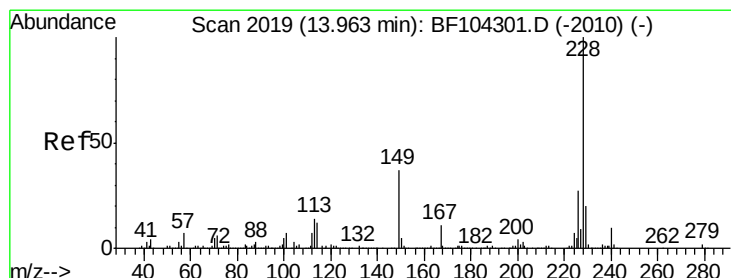
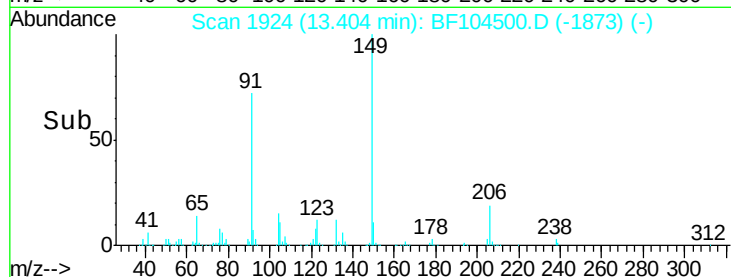
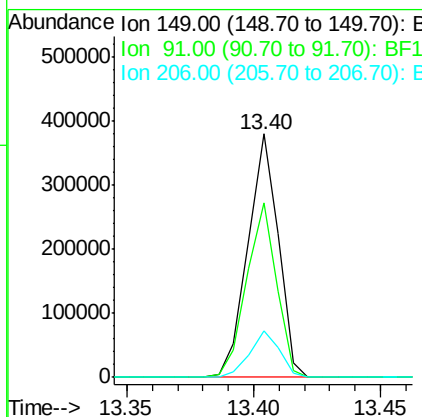
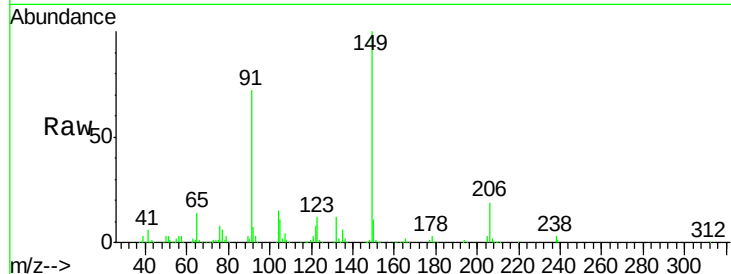




#79
Butylbenzylphthalate
Concen: 37.748 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

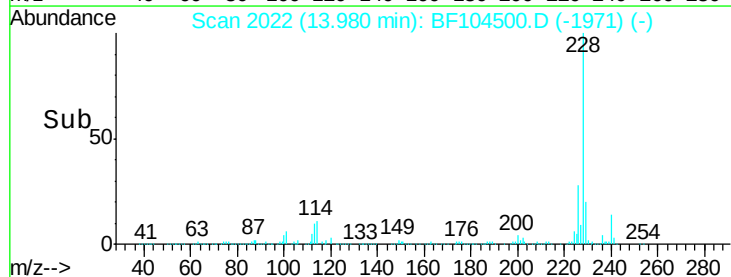
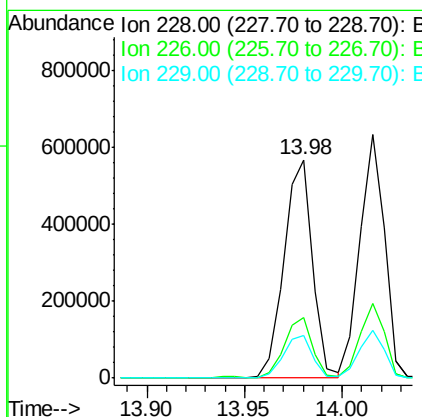
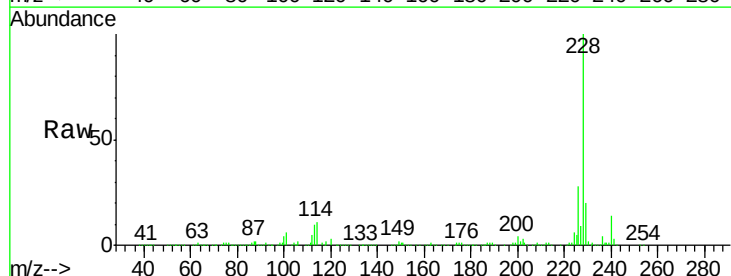
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

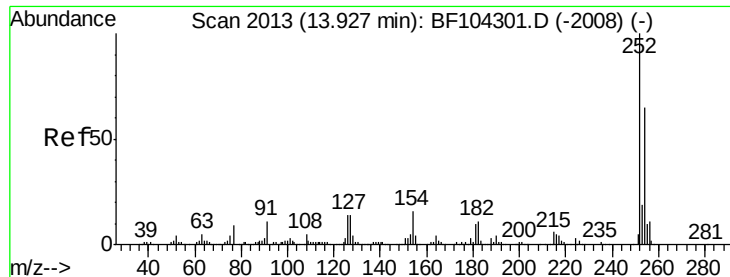
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	56.8	85.2
206	18.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 39.952 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.5	15.8	23.6

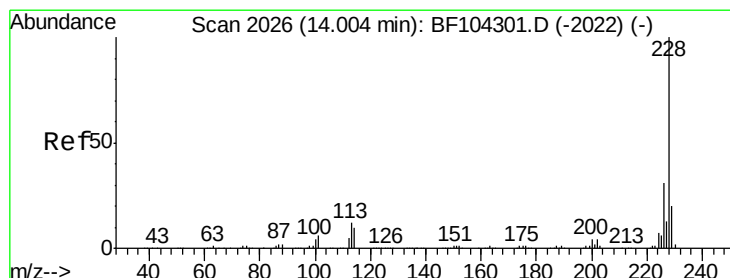
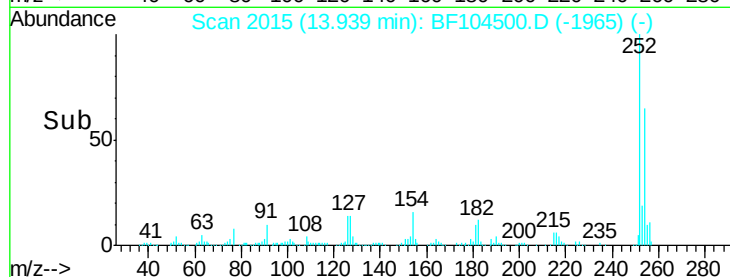
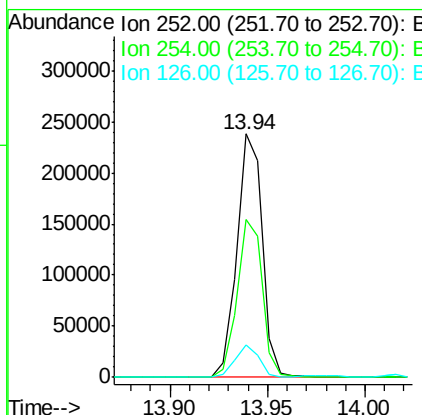
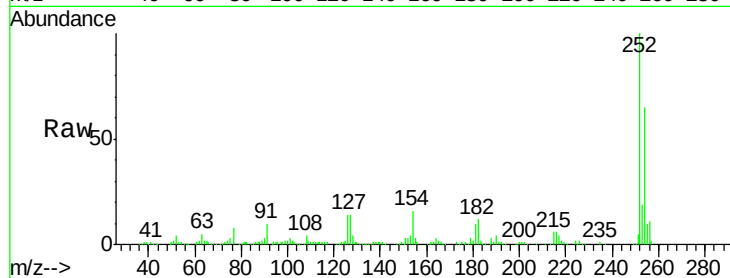




#81
 3,3'-Dichlorobenzidine
 Concen: 40.008 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

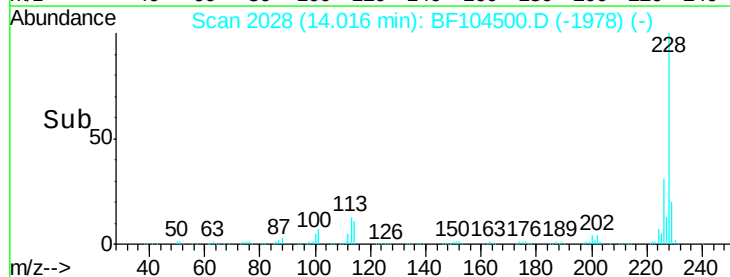
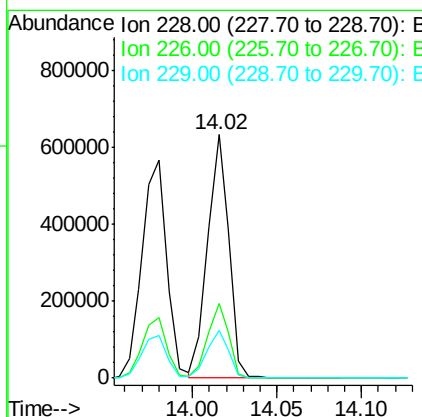
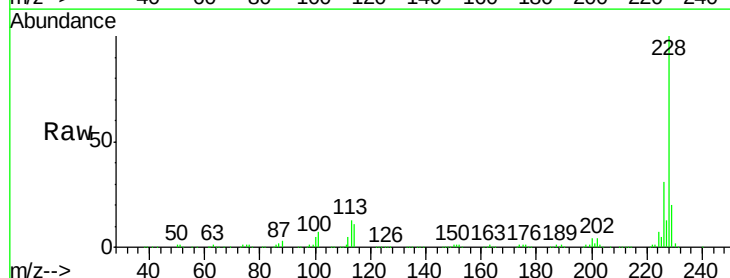
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

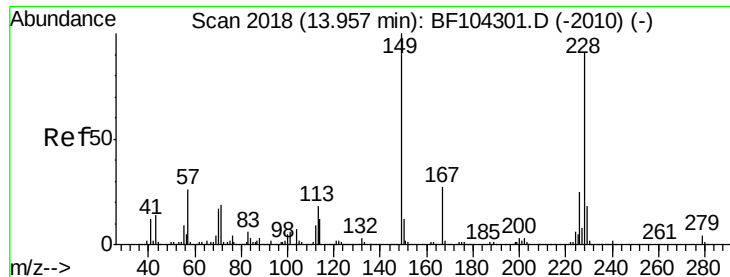
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	13.5	11.3	16.9



#82
 Chrysene
 Concen: 37.856 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF104500.D
 Acq: 14 Apr 2018 2:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.898 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

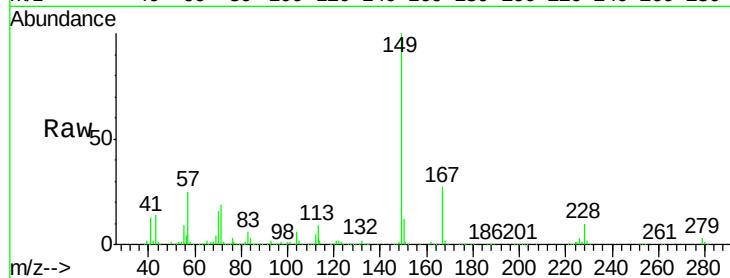
Tot Ion:149 Resp: 442194

Ion Ratio Lower Upper

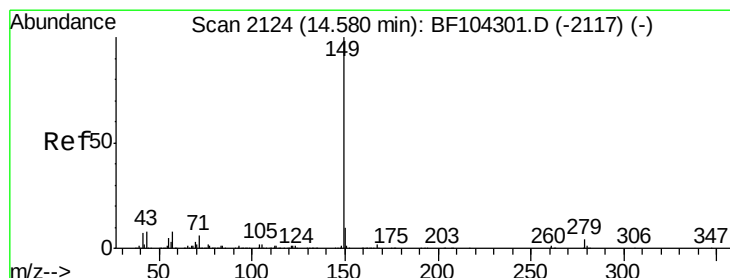
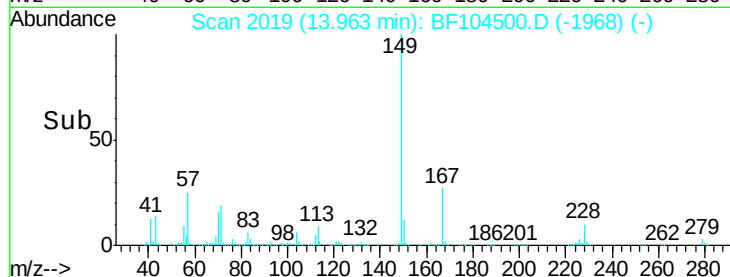
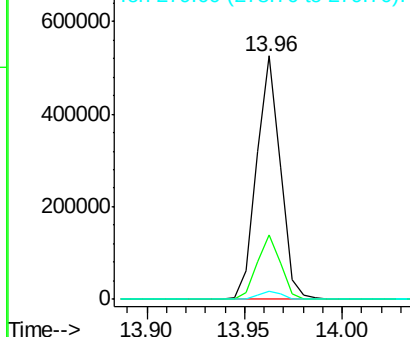
149 100

167 26.5 21.3 31.9

279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.418 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

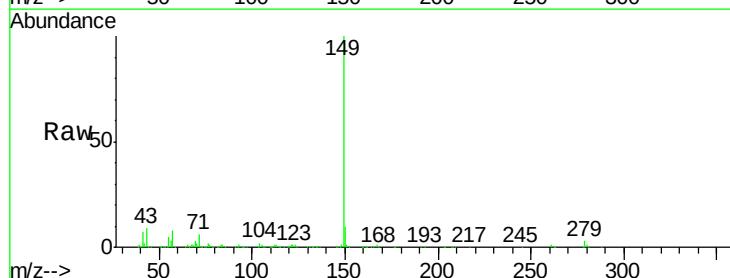
Tgt Ion:149 Resp: 712124

Ion Ratio Lower Upper

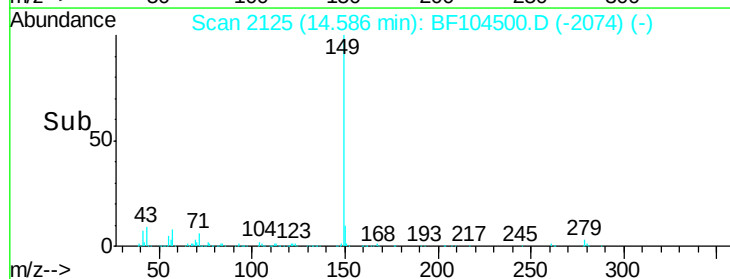
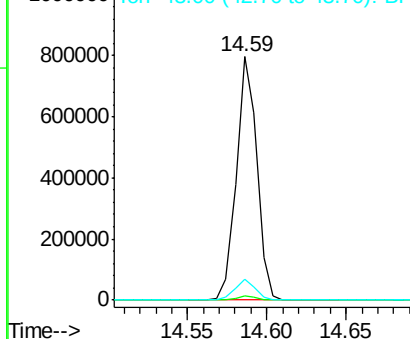
149 100

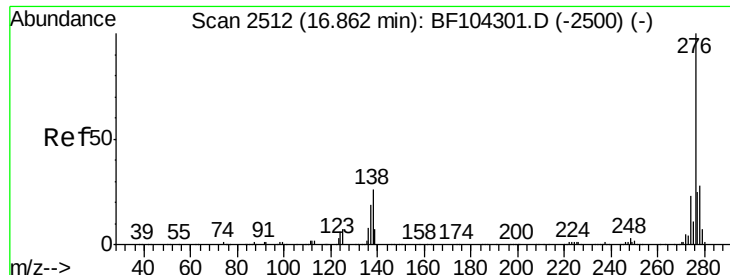
167 1.5 1.2 1.8

43 8.5 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

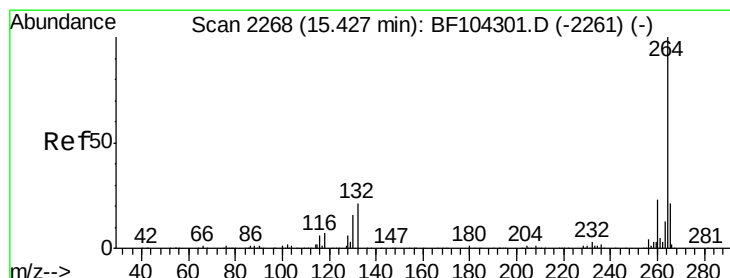
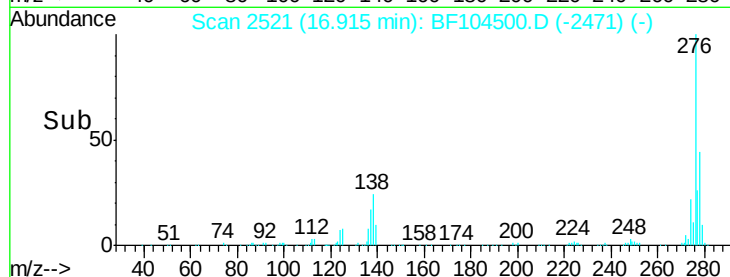
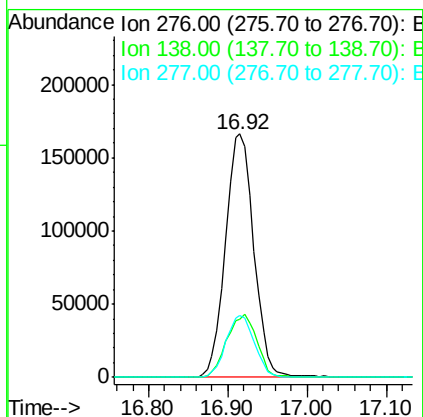
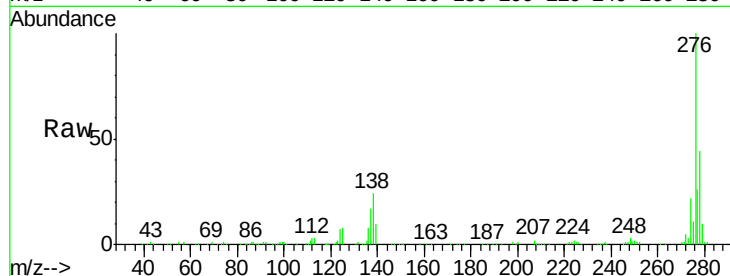




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.829 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

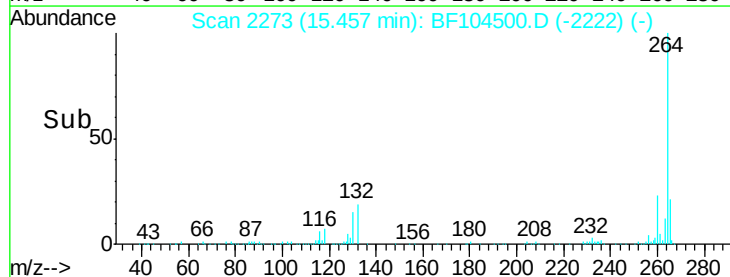
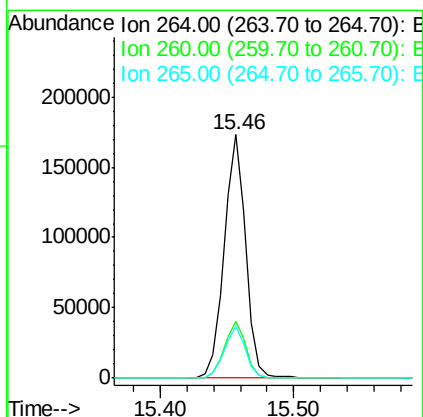
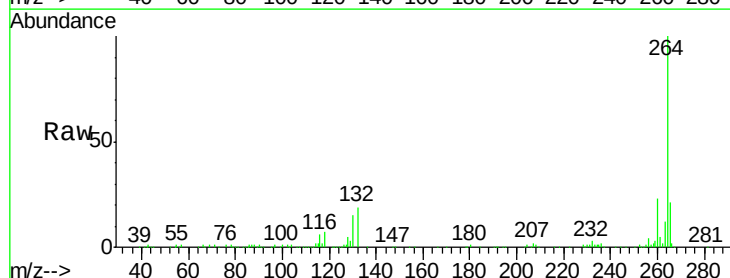
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

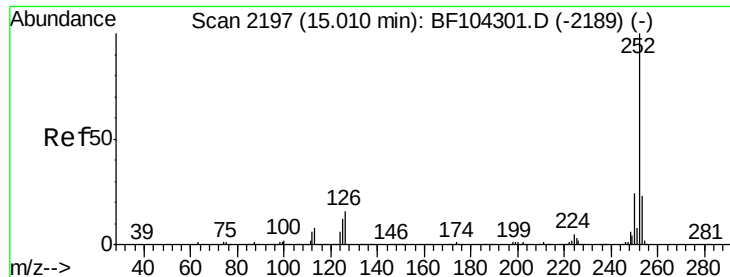
Tot Ion:276 Resp: 411926
Ion Ratio Lower Upper
276 100
138 27.7 25.0 37.6
277 25.7 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion:264 Resp: 196705
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.1 17.5 26.3

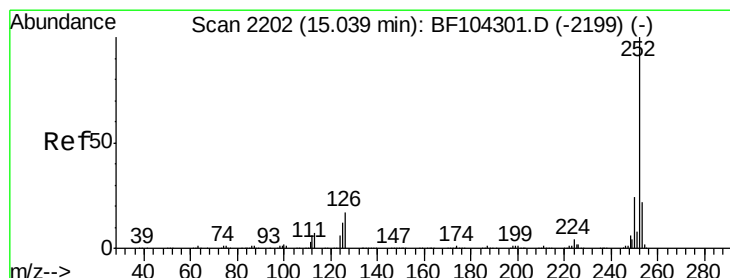
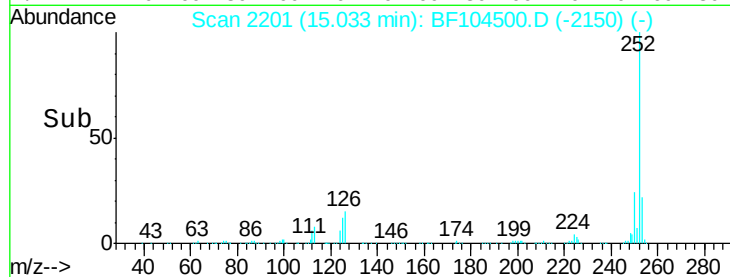
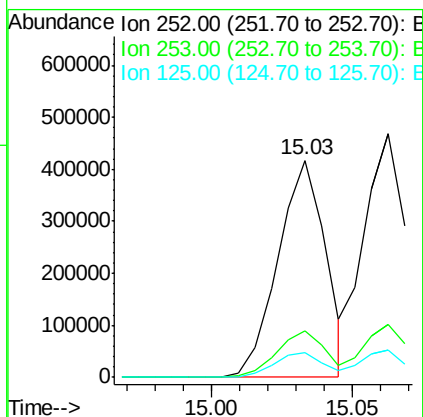
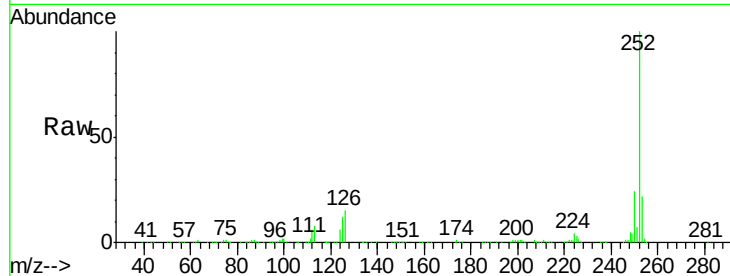




#87
Benzo(b)fluoranthene
Concen: 39.254 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

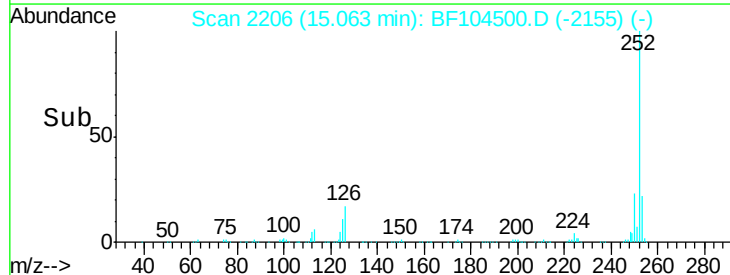
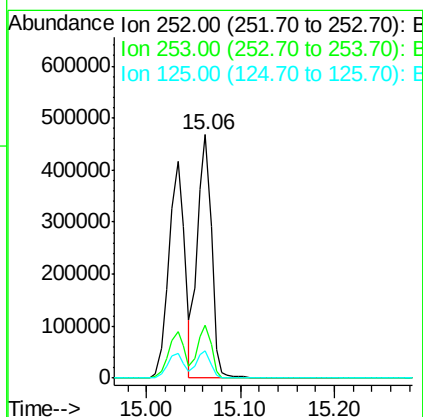
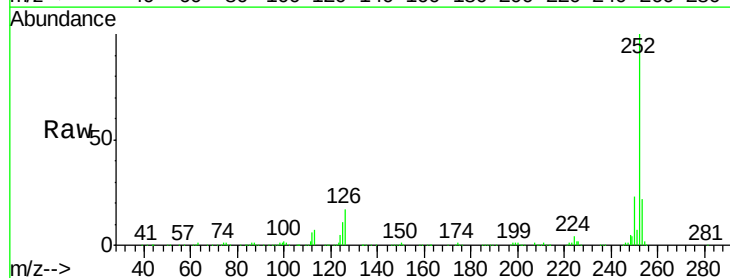
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

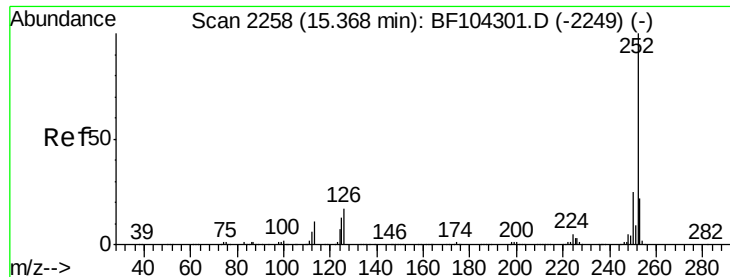
Tot Ion:252 Resp: 487671
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 41.639 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF104500.D
Acq: 14 Apr 2018 2:22

Tgt Ion:252 Resp: 488376
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.075 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

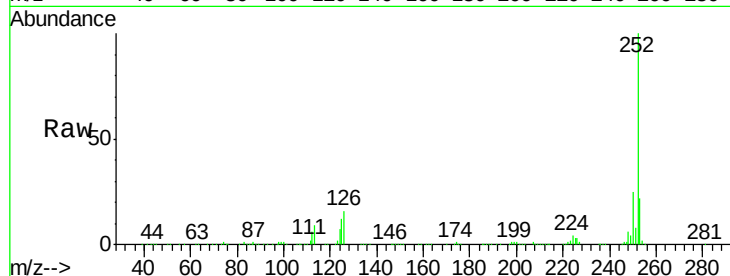
Tot Ion:252 Resp: 423236

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

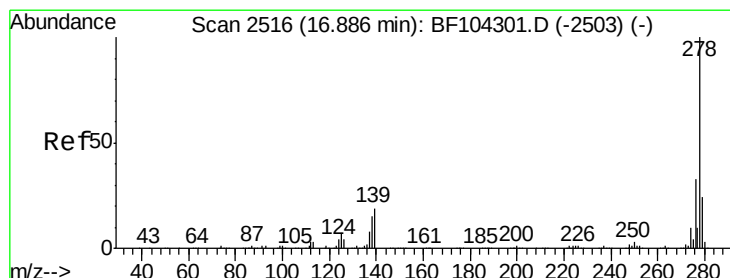
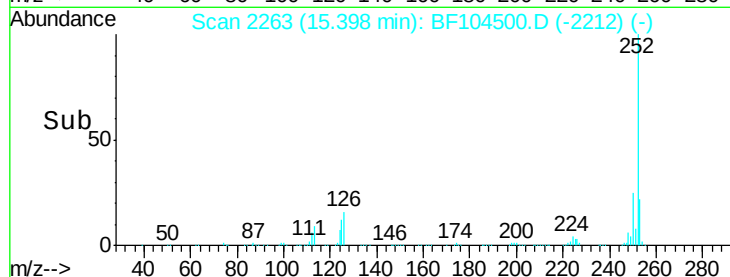
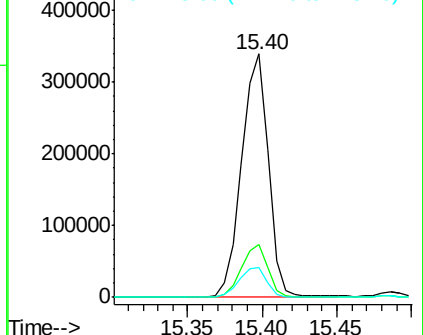
125 12.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.284 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

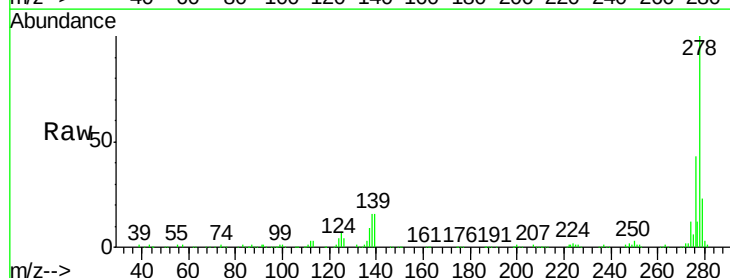
Tgt Ion:278 Resp: 349514

Ion Ratio Lower Upper

278 100

139 16.5 15.9 23.9

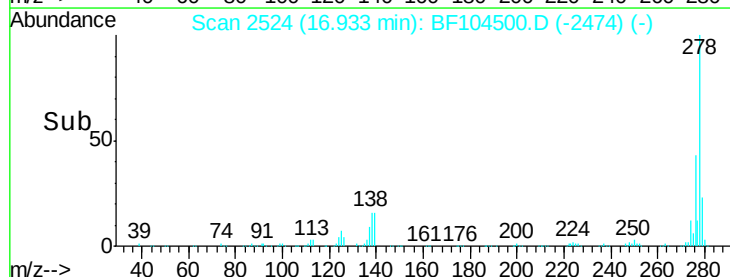
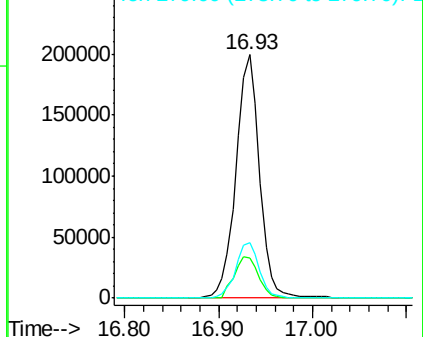
279 22.9 19.0 28.4

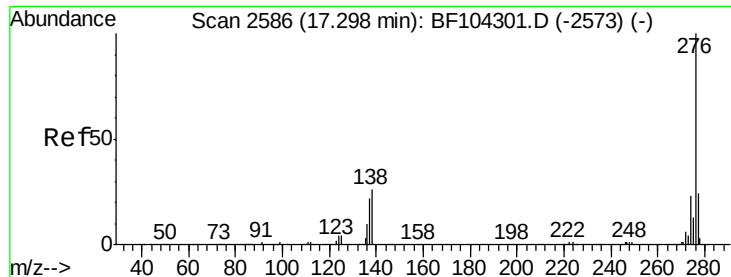


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.197 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BF104500.D

Acq: 14 Apr 2018 2:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

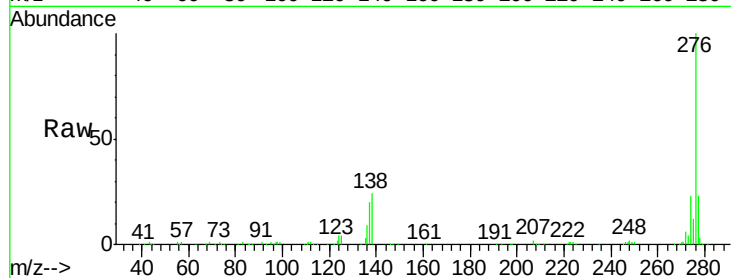
Tot Ion:276 Resp: 329004

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 24.1 21.8 32.8



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

