

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101198.D
 Acq On : 7 Dec 2017 12:01
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 07 16:32:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	56561	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	228559	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	113759	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	228596	20.00	ng	0.00
75) Chrysene-d12	14.03	240	184016	20.00	ng	0.00
86) Perylene-d12	15.50	264	161666	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	270688	79.08	ng	0.00
7) Phenol-d6	6.48	99	330958	79.64	ng	0.00
23) Nitrobenzene-d5	7.42	82	306122	79.90	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	107661	78.78	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	663258	79.77	ng	0.00
78) Terphenyl-d14	12.96	244	705814	83.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	52867	37.351	ng	98
3) Pyridine	3.36	79	137649	37.515	ng	91
4) n-Nitrosodimethylamine	3.33	42	75645	42.210	ng	# 85
6) Aniline	6.51	93	215632	39.902	ng	98
8) 2-Chlorophenol	6.63	128	151328	40.548	ng	96
9) Benzaldehyde	6.40	77	85573	33.644	ng	95
10) Phenol	6.49	94	182683	39.535	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	136645	39.424	ng	96
12) 1,3-Dichlorobenzene	6.78	146	174249	40.097	ng	98
13) 1,4-Dichlorobenzene	6.86	146	176475	39.224	ng	98
14) 1,2-Dichlorobenzene	7.02	146	166186	39.600	ng	96
15) Benzyl Alcohol	6.99	79	128520	40.042	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	187148	39.723	ng	92
17) 2-Methylphenol	7.10	107	119864	39.774	ng	96
18) Hexachloroethane	7.35	117	59036	40.842	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	111630	39.886	ng	96
20) 3+4-Methylphenols	7.26	107	155311	39.517	ng	# 63
22) Acetophenone	7.26	105	220591	39.949	ng	# 88
24) Nitrobenzene	7.43	77	149707	39.867	ng	98
25) Isophorone	7.67	82	263243	40.223	ng	99
26) 2-Nitrophenol	7.75	139	81241	39.411	ng	98
27) 2,4-Dimethylphenol	7.78	122	121810	40.849	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	179009	40.697	ng	98
29) 2,4-Dichlorophenol	7.99	162	133194	41.035	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	146295	40.989	ng	99
31) Naphthalene	8.15	128	448311	39.798	ng	100
32) Benzoic acid	7.93	122	96937	41.796	ng	94
33) 4-Chloroaniline	8.20	127	181959	40.202	ng	99
34) Hexachlorobutadiene	8.26	225	88971	40.643	ng	98
35) Caprolactam	8.59	113	39355	38.905	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	136602	40.628	ng	99
37) 2-Methylnaphthalene	8.84	142	303545	39.658	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	167163	40.450	ng	# 97
40) Hexachlorocyclopentadiene	8.99	237	54250	40.509	ng	95

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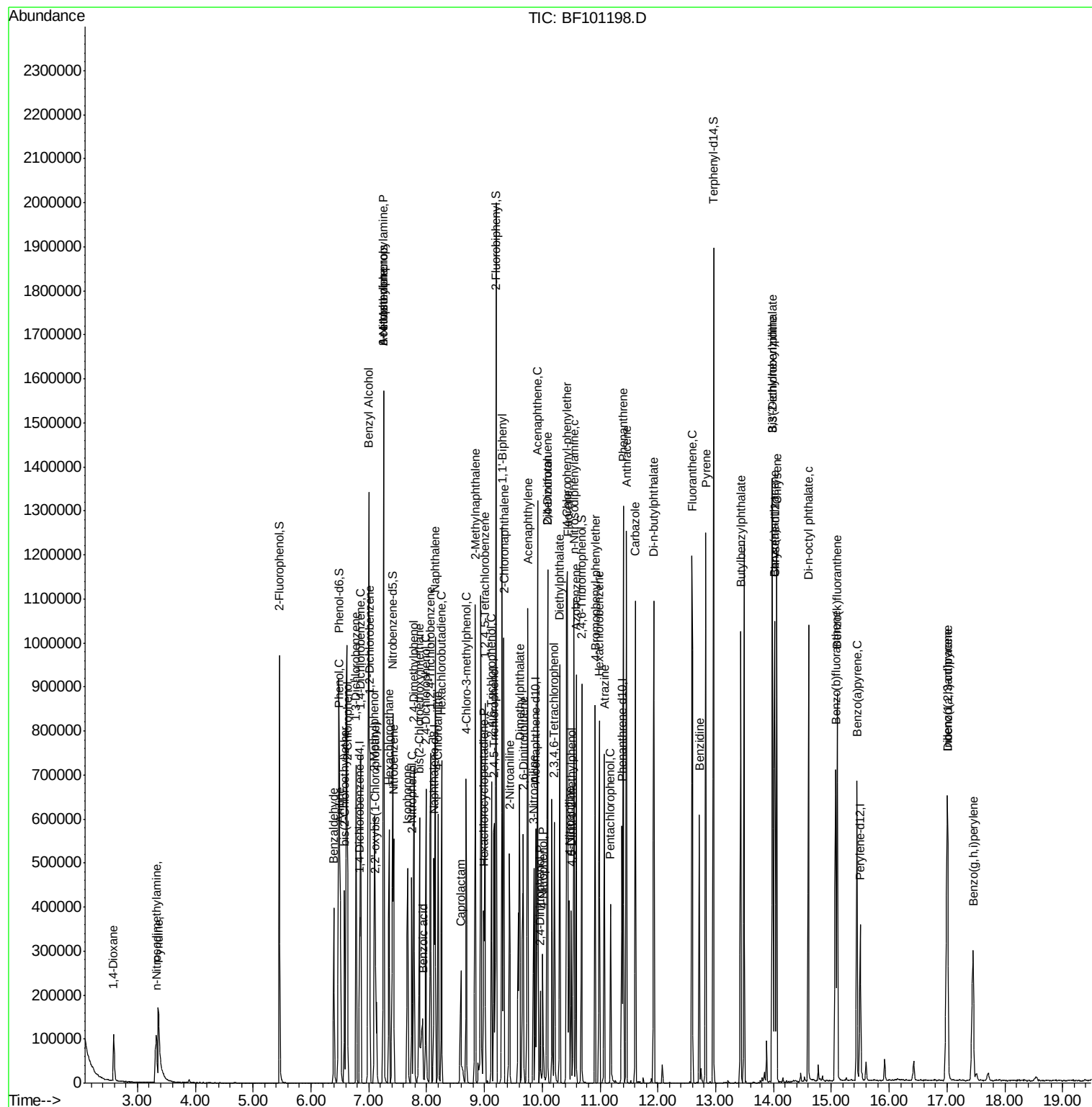
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	97749	40.349	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	107252	41.411	nq	# 90
45) 1,1'-Biphenyl	9.30	154	411645	39.495	nq	99
46) 2-Chloronaphthalene	9.33	162	295703	39.949	nq	96
47) 2-Nitroaniline	9.43	65	87279	39.854	nq	98
48) Acenaphthylene	9.75	152	474804	39.032	nq	99
49) Dimethylphthalate	9.61	163	365088	39.794	nq	99
50) 2,6-Dinitrotoluene	9.68	165	77065	39.882	nq	# 80
51) Acenaphthene	9.92	154	284606	39.073	nq	98
52) 3-Nitroaniline	9.85	138	84755	39.003	nq	90
53) 2,4-Dinitrophenol	9.96	184	33727	36.721	nq	# 15
54) Dibenzofuran	10.09	168	405918	38.671	nq	100
55) 4-Nitrophenol	10.02	139	52921	36.111	nq	91
56) 2,4-Dinitrotoluene	10.09	165	97148	37.514	nq	# 94
57) Fluorene	10.44	166	336008	39.378	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	81197	39.155	nq	88
59) Diethylphthalate	10.30	149	359014	39.674	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	168794	40.064	nq	95
61) 4-Nitroaniline	10.47	138	85485	37.897	nq	96
62) Azobenzene	10.59	77	303515	39.523	nq	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	59723	38.952	nq	# 70
65) n-Nitrosodiphenylamine	10.55	169	326704	40.511	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	102935	40.229	nq	# 88
67) Hexachlorobenzene	10.99	284	110271	40.211	nq	# 88
68) Atrazine	11.07	200	96872	39.159	nq	97
69) Pentachlorophenol	11.19	266	58471	38.778	nq	98
70) Phenanthrene	11.40	178	489820	38.910	nq	98
71) Anthracene	11.46	178	499508	39.205	nq	99
72) Carbazole	11.61	167	444950	38.223	nq	98
73) Di-n-butylphthalate	11.93	149	577798	39.600	nq	98
74) Fluoranthene	12.59	202	519666	37.240	nq	97
76) Benzidine	12.72	184	231231	38.642	nq	99
77) Pyrene	12.83	202	533041	41.979	nq	99
79) Butylbenzylphthalate	13.43	149	237426	42.411	nq	92
80) Benzo(a)anthracene	14.02	228	466530	40.154	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	159434	39.623	nq	99
82) Chrysene	14.06	228	435465	40.357	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	326587	40.914	nq	100
84) Di-n-octyl phthalate	14.60	149	536853	40.394	nq	98
85) Indeno(1,2,3-cd)pyrene	17.00	276	334076	34.825	nq	# 92
87) Benzo(b)fluoranthene	15.07	252	396695	40.967	nq	98
88) Benzo(k)fluoranthene	15.10	252	386111	40.472	nq	# 97
89) Benzo(a)pyrene	15.44	252	351673	39.947	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	283980	36.590	nq	# 95
91) Benzo(g,h,i)perylene	17.45	276	263017	35.960	nq	# 91

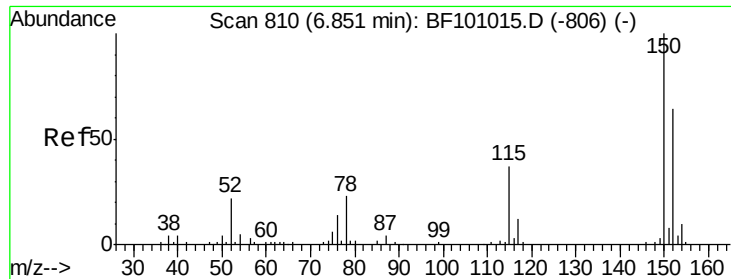
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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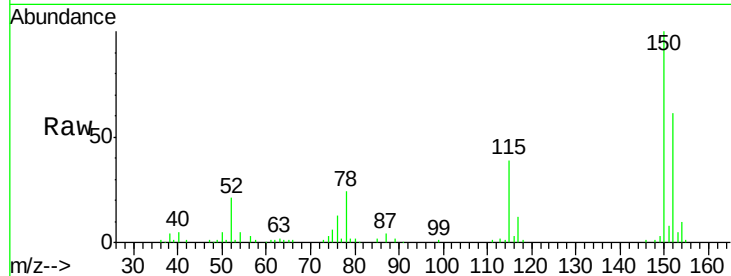


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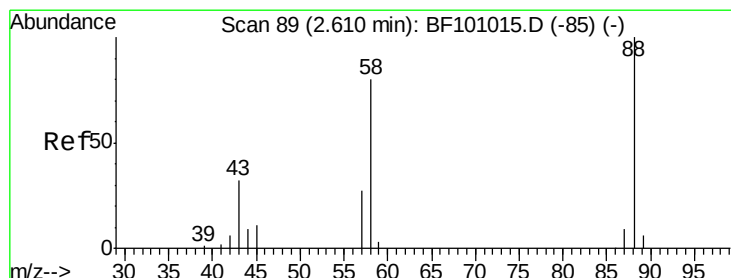
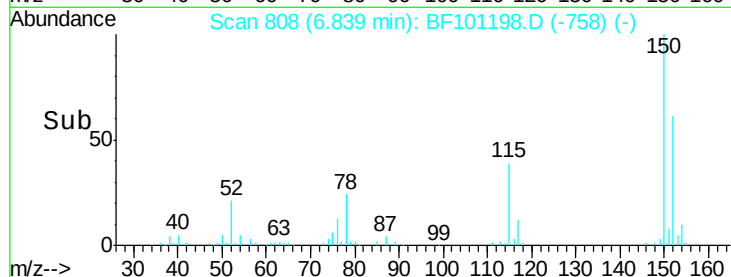
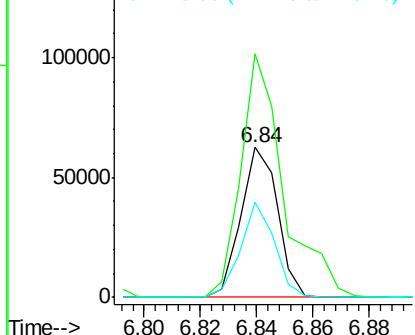
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 56561
Ion Ratio Lower Upper
152 100
150 162.7 124.6 186.8
115 63.5 50.1 75.1



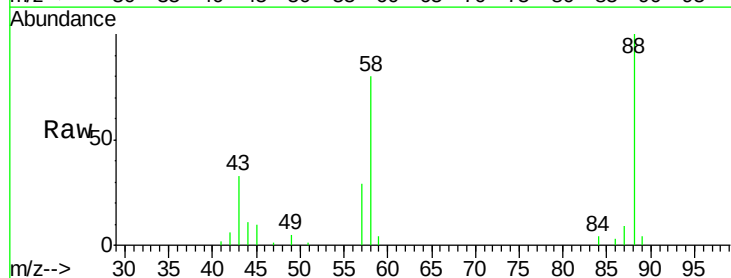
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



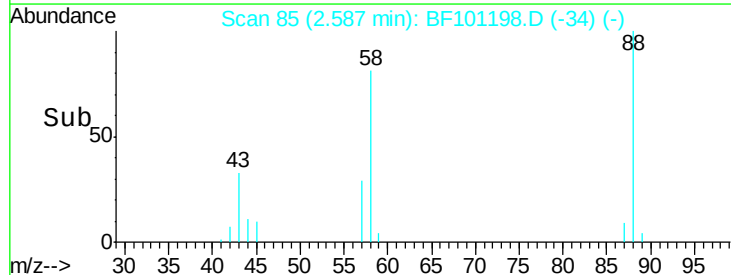
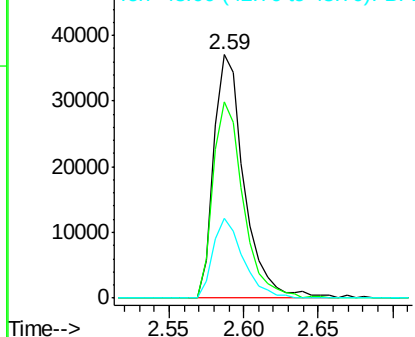
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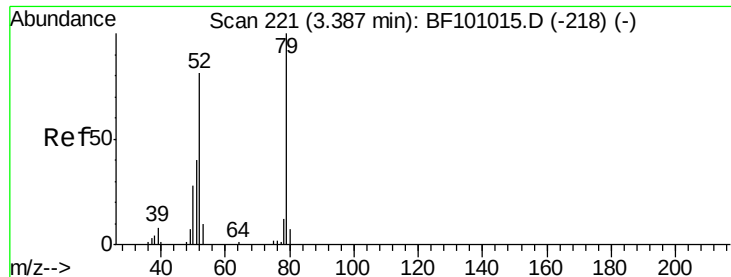
1,4-Dioxane
Concen: 37.351 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion: 88 Resp: 52867
Ion Ratio Lower Upper
88 100
58 80.1 62.6 93.8
43 32.3 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: 37.515 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

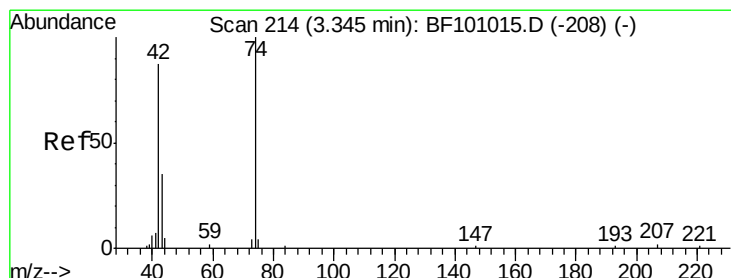
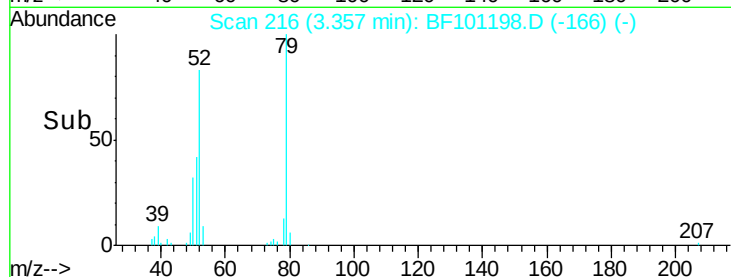
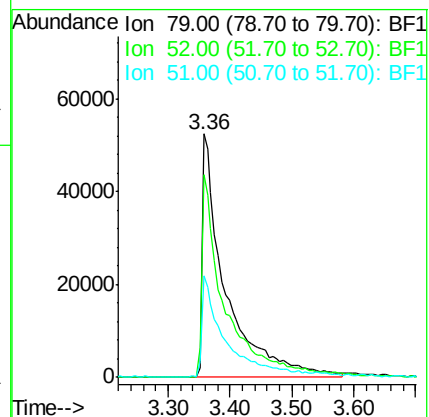
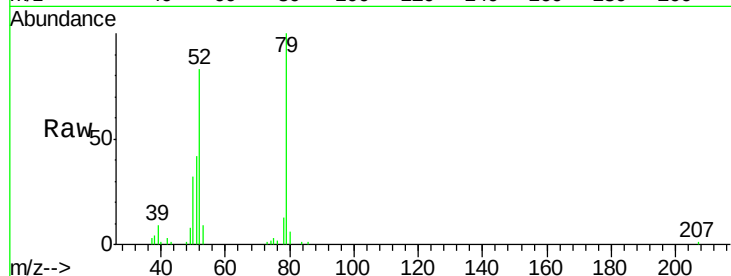
Tot Ion: 79 Resp: 137649

Ion Ratio Lower Upper

79 100

52 83.3 59.8 89.6

51 41.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 42.210 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

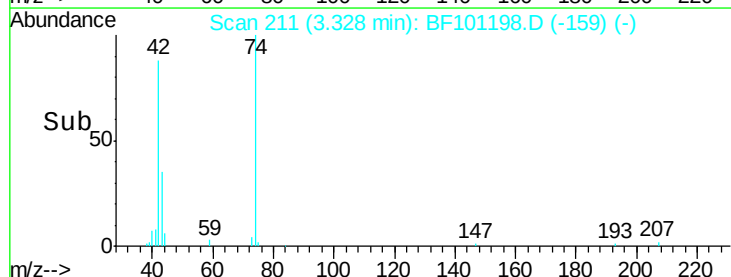
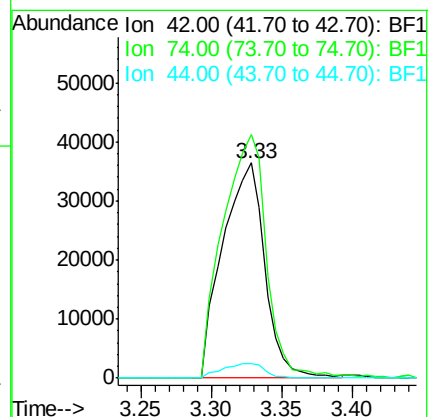
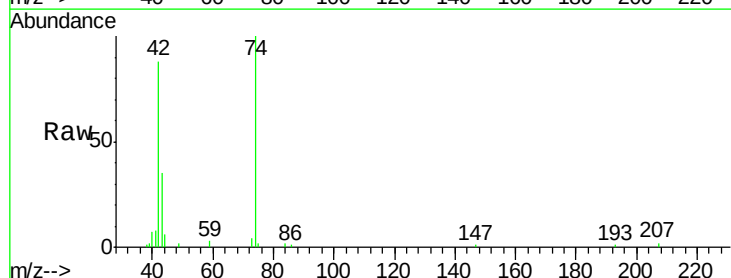
Tgt Ion: 42 Resp: 75645

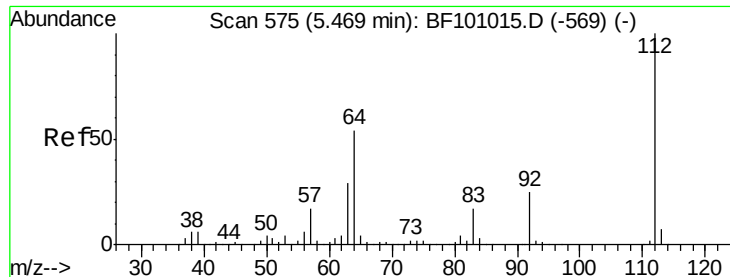
Ion Ratio Lower Upper

42 100

74 113.0 104.9 157.3

44 6.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 79.082 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

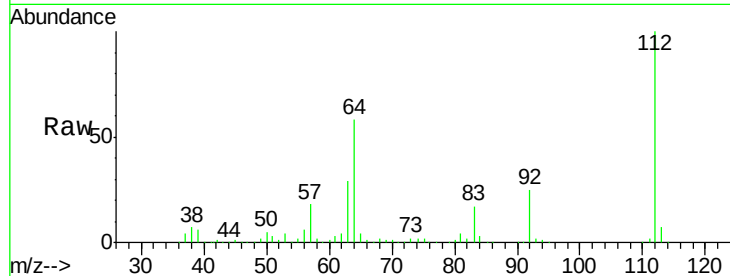
Tot Ion: 112 Resp: 270688

Ion Ratio Lower Upper

112 100

64 57.6 47.9 71.9

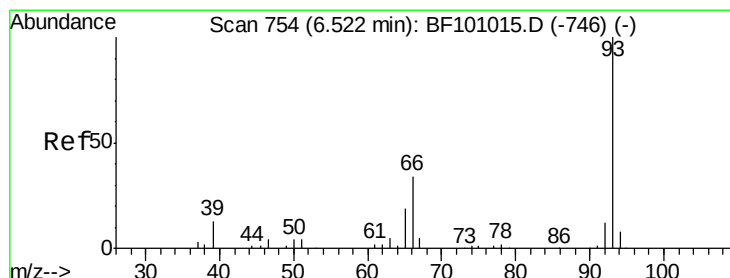
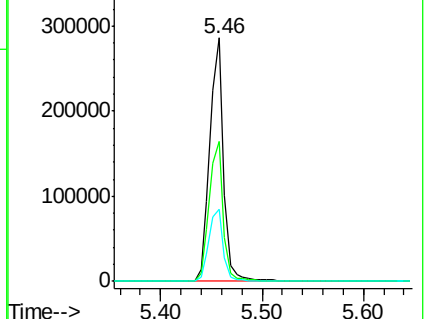
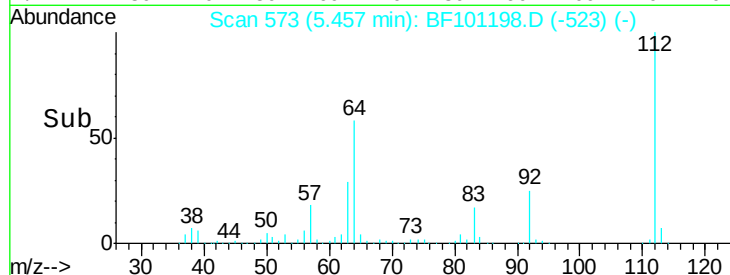
63 29.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.902 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

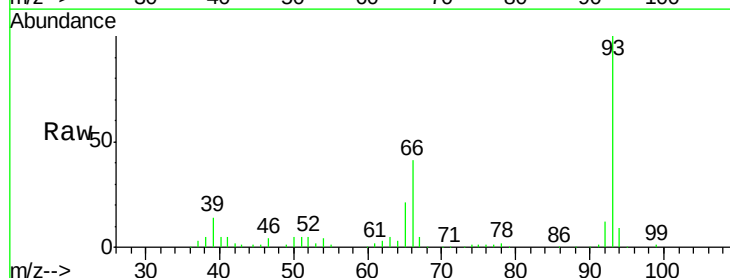
Tgt Ion: 93 Resp: 215632

Ion Ratio Lower Upper

93 100

66 41.4 32.2 48.2

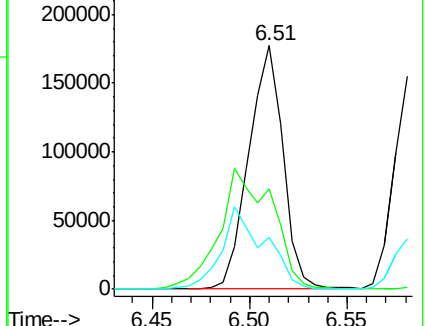
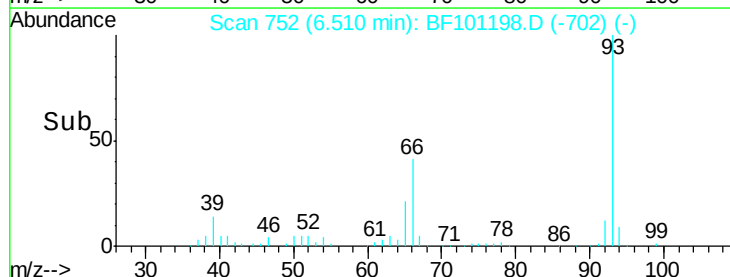
65 21.2 16.4 24.6

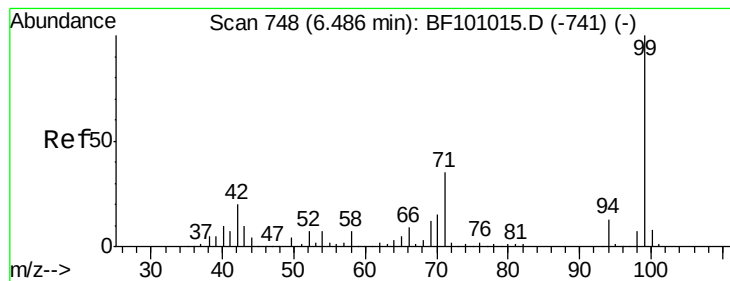


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.640 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

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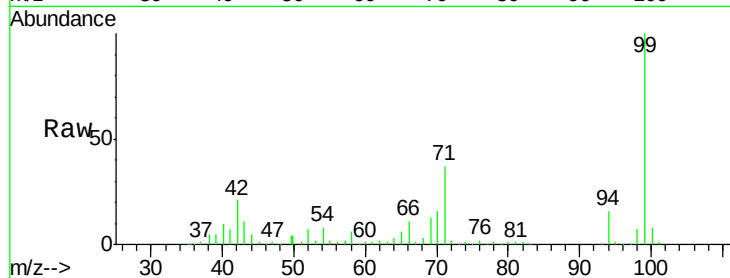
Tot Ion: 99 Resp: 330958

Ion Ratio Lower Upper

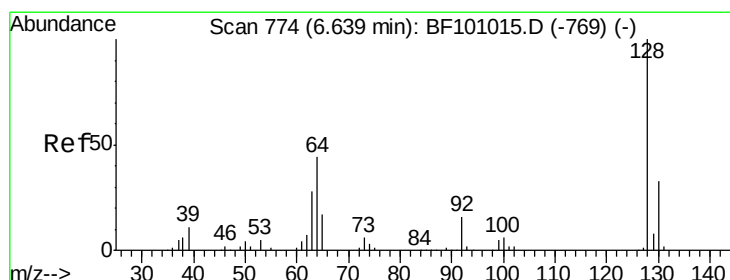
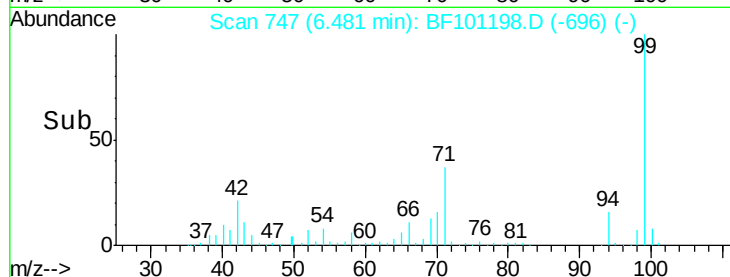
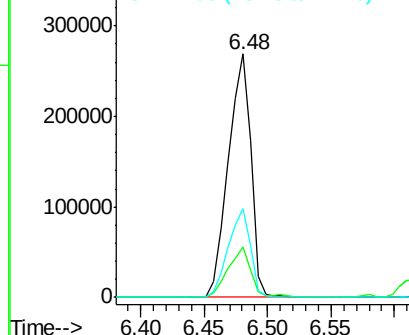
99 100

42 20.9 14.5 21.7

71 36.5 25.4 38.0



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



#8

2-Chlorophenol

Concen: 40.548 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

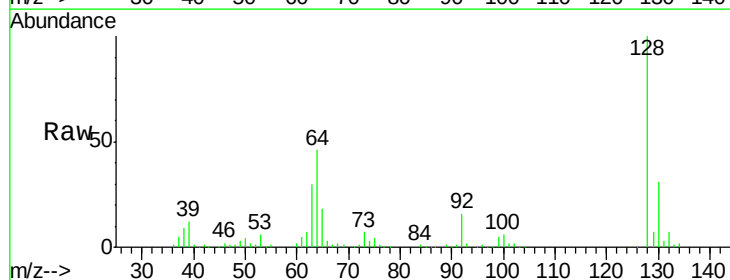
Tgt Ion: 128 Resp: 151328

Ion Ratio Lower Upper

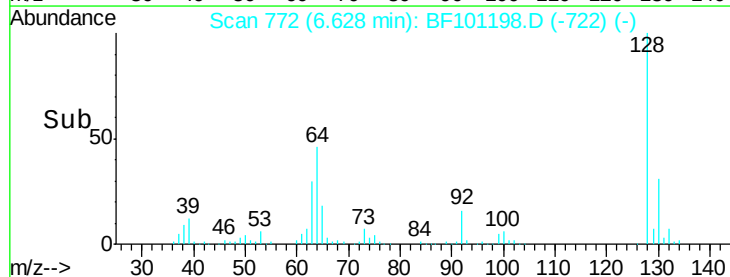
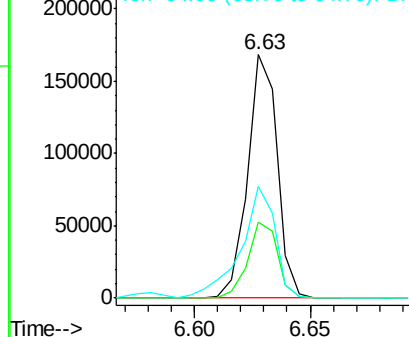
128 100

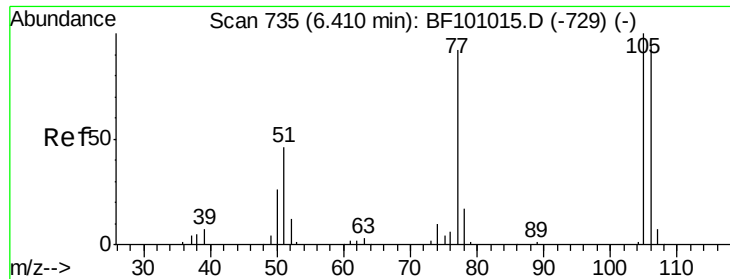
130 31.4 13.0 53.0

64 46.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF1

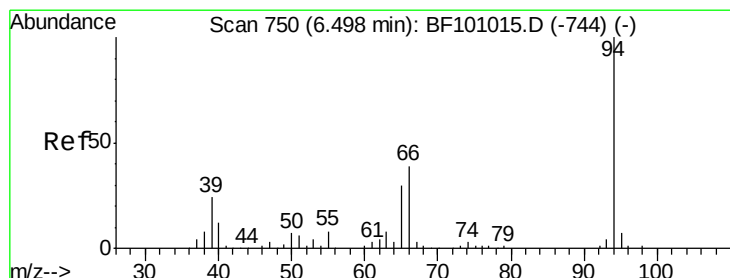
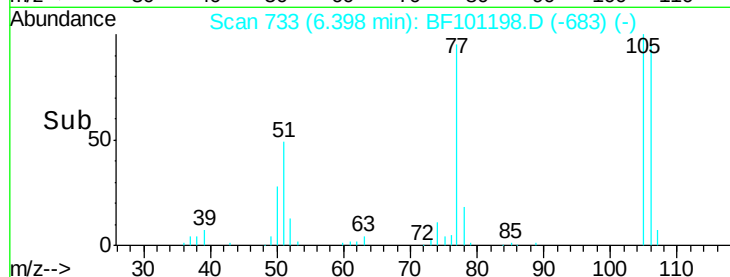
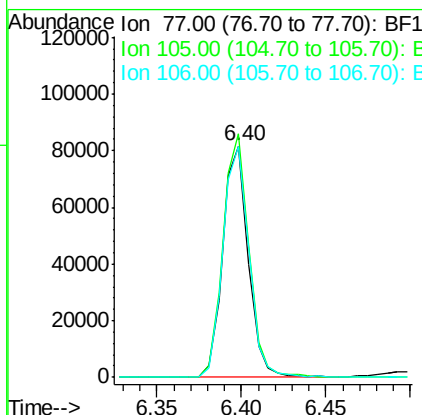
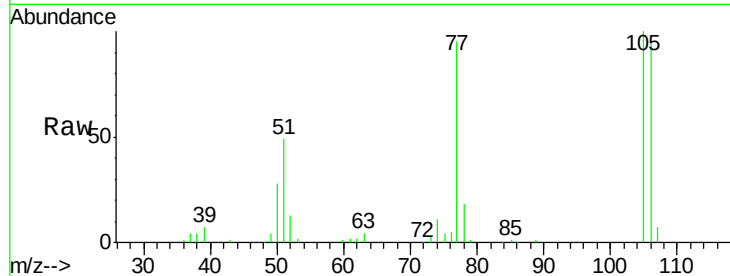




#9
Benzaldehyde
Concen: 33.644 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
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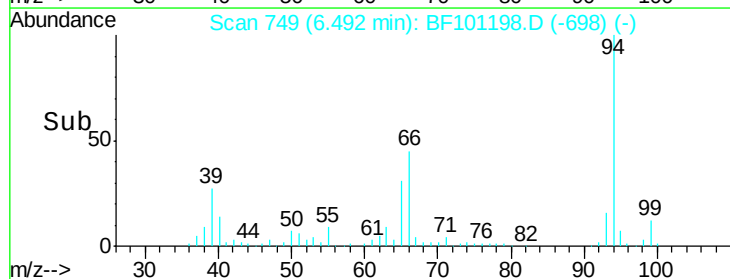
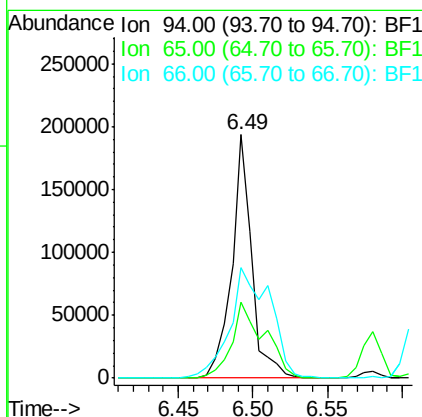
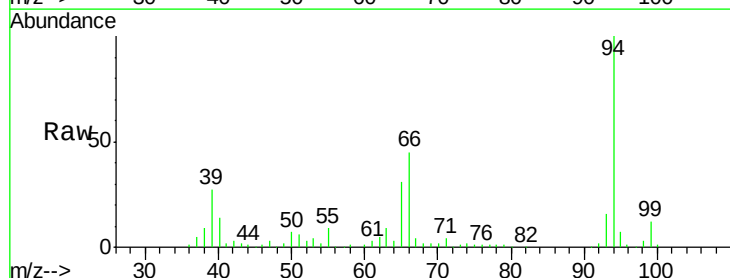
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ClientSampleId :
SSTDCCC040

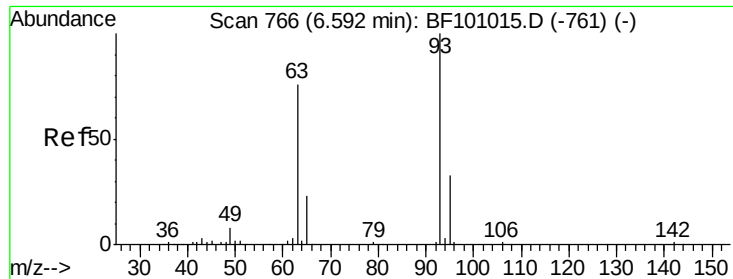
Tot Ion: 77 Resp: 85573
Ion Ratio Lower Upper
77 100
105 105.5 81.1 121.1
106 100.3 74.5 114.5



#10
Phenol
Concen: 39.535 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion: 94 Resp: 182683
Ion Ratio Lower Upper
94 100
65 31.0 7.9 47.9
66 45.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.424 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

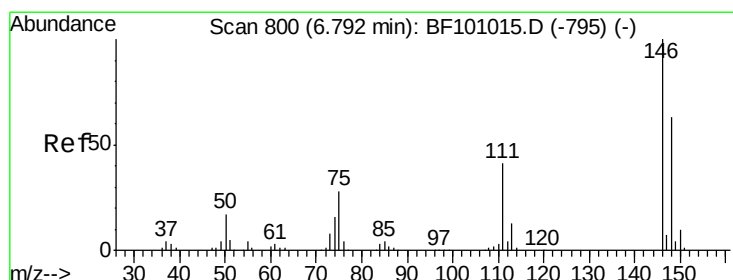
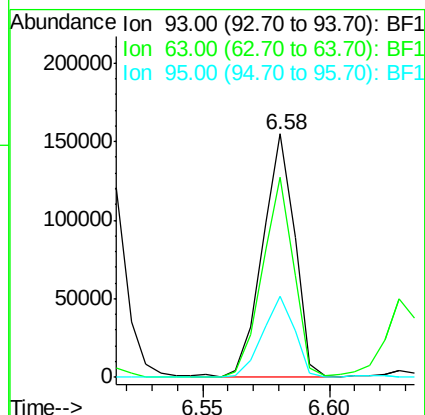
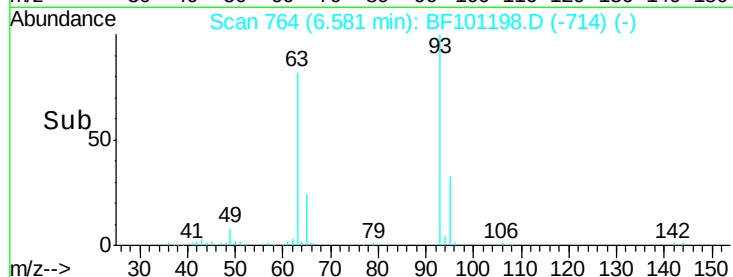
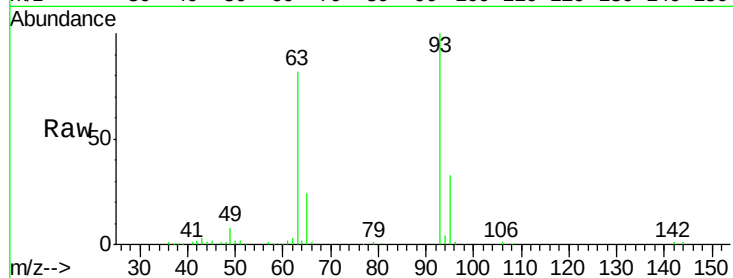
Tot Ion: 93 Resp: 136645

Ion Ratio Lower Upper

93 100

63 82.0 58.6 98.6

95 33.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.097 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

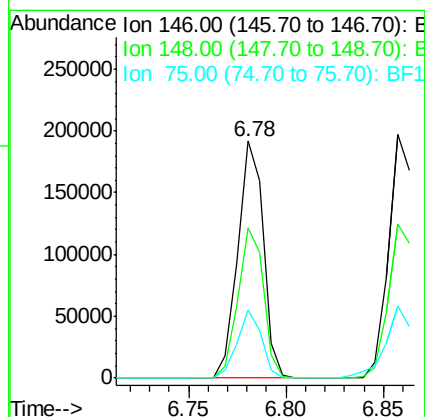
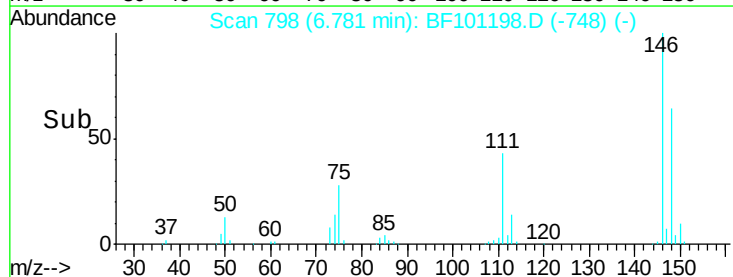
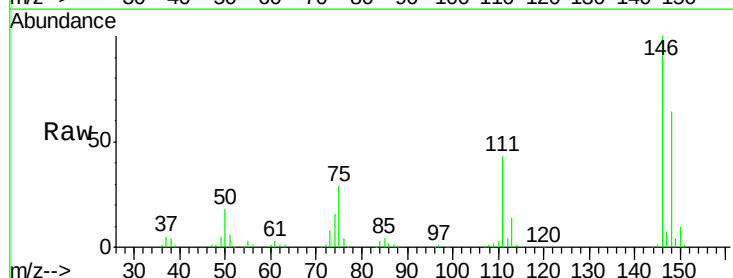
Tgt Ion: 146 Resp: 174249

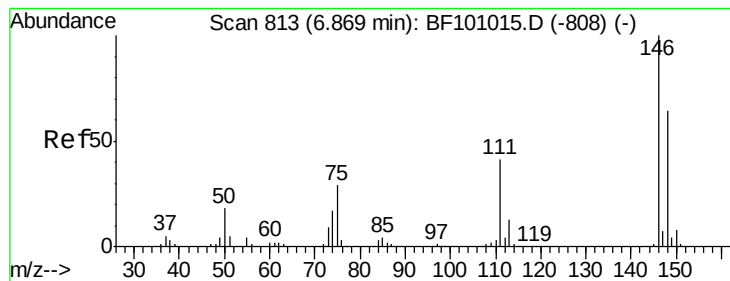
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

75 28.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.224 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

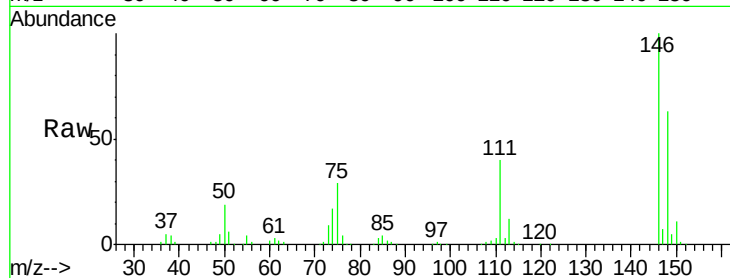
Tot Ion:146 Resp: 176475

Ion Ratio Lower Upper

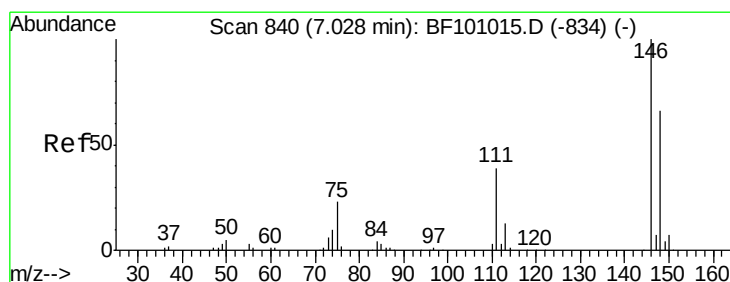
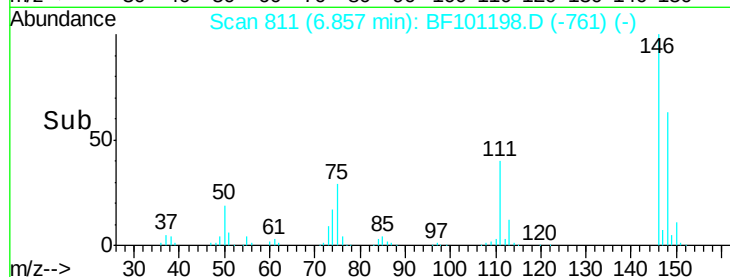
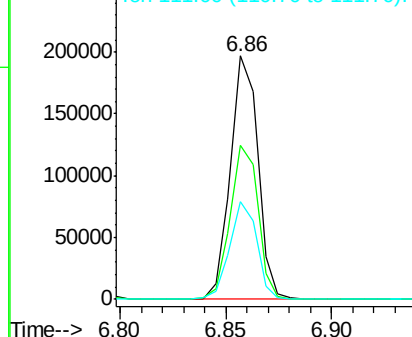
146 100

148 63.1 50.8 76.2

111 40.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.600 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

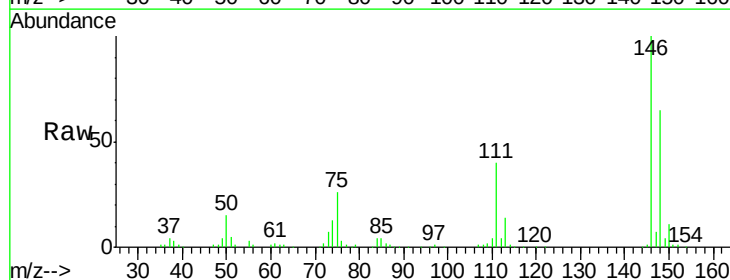
Tgt Ion:146 Resp: 166186

Ion Ratio Lower Upper

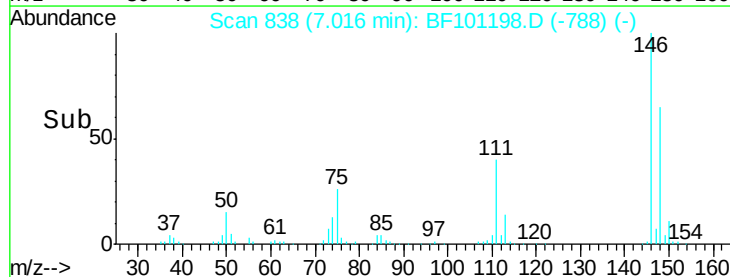
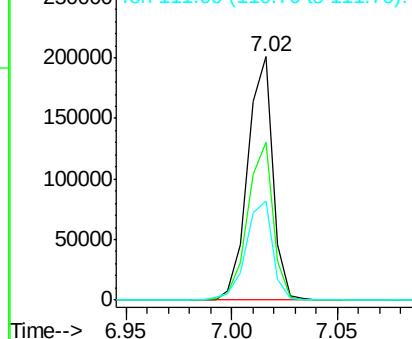
146 100

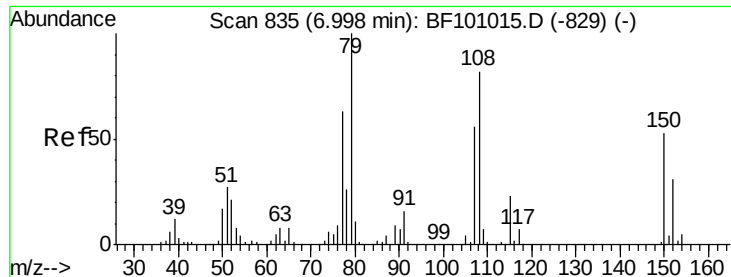
148 64.6 50.6 75.8

111 40.5 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

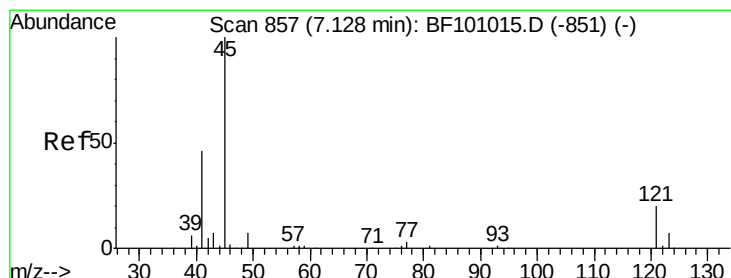
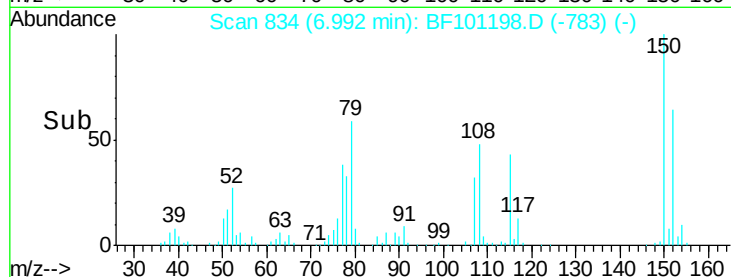
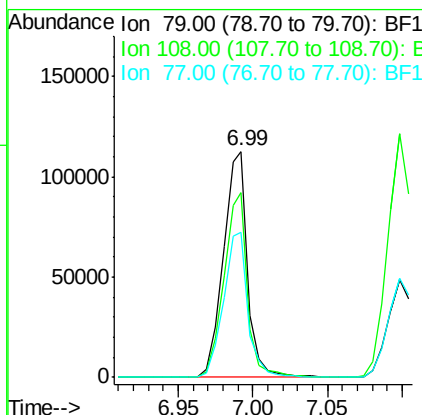
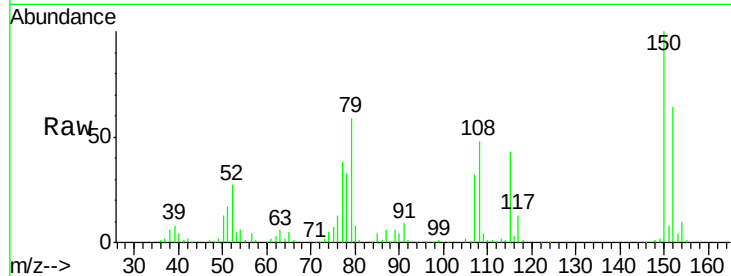




#15
Benzyl Alcohol
Concen: 40.042 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

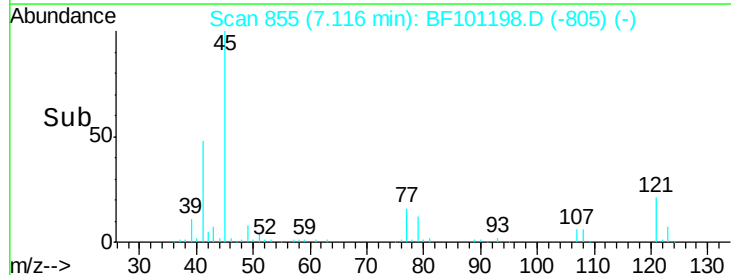
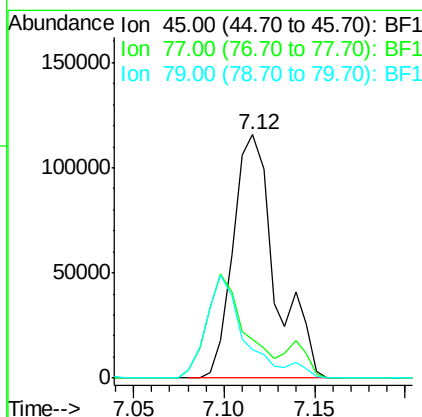
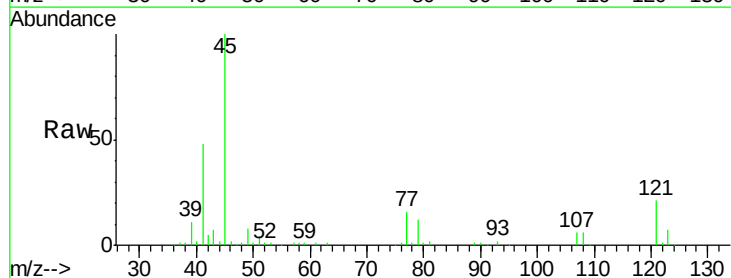
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

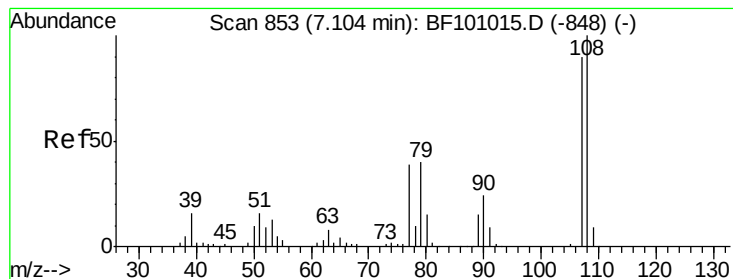
Tot Ion: 79 Resp: 128520
Ion Ratio Lower Upper
79 100
108 81.6 65.1 97.7
77 64.4 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.723 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion: 45 Resp: 187148
Ion Ratio Lower Upper
45 100
77 16.2 0.0 32.9
79 12.0 0.0 29.6

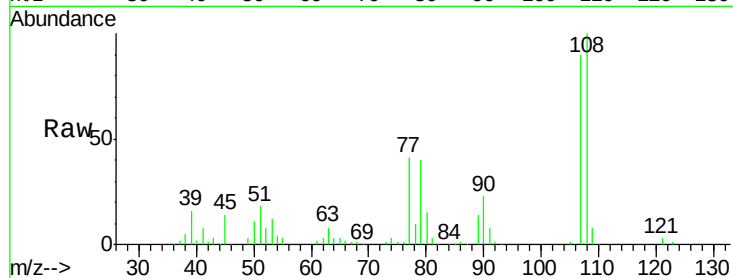




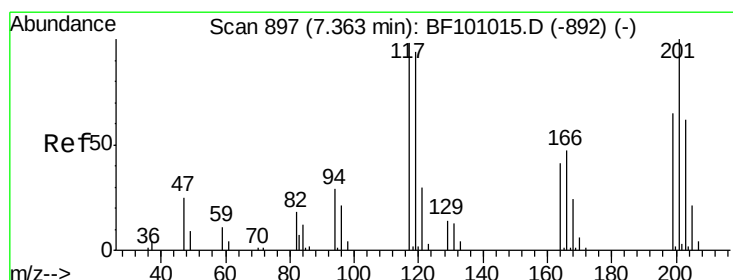
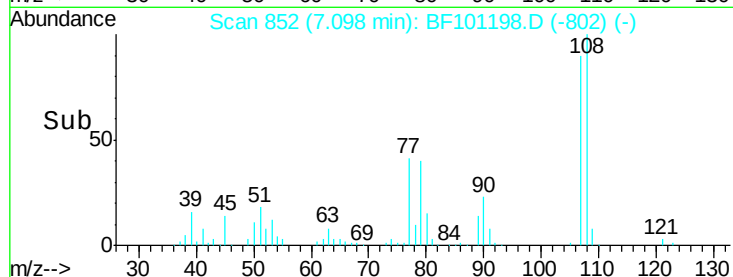
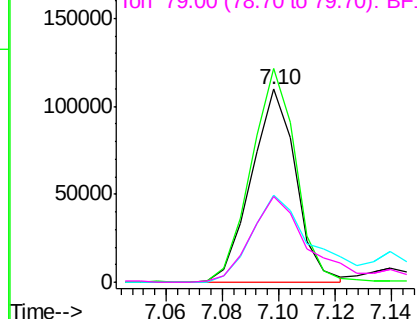
#17
2-Methylphenol
Concen: 39.774 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 119864
Ion Ratio Lower Upper
107 100
108 110.8 91.7 137.5
77 45.0 33.8 50.8
79 44.4 33.8 50.8

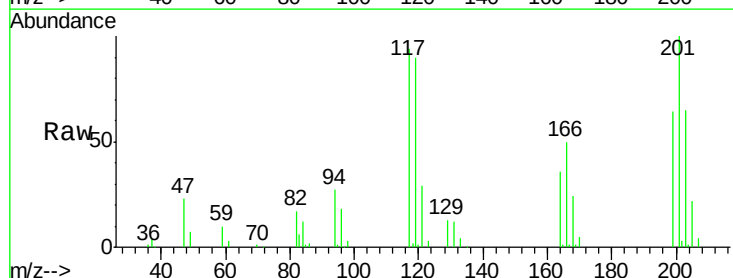


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

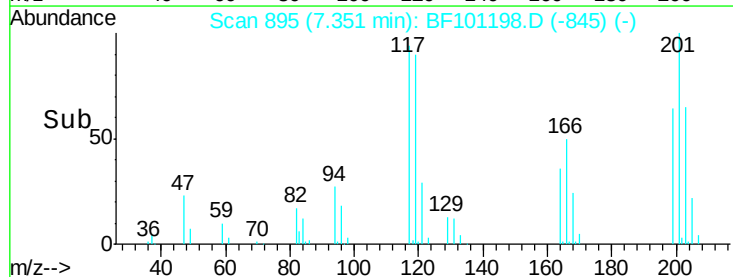
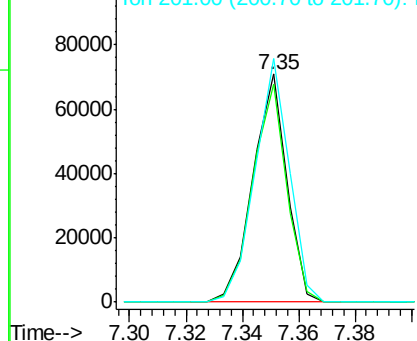


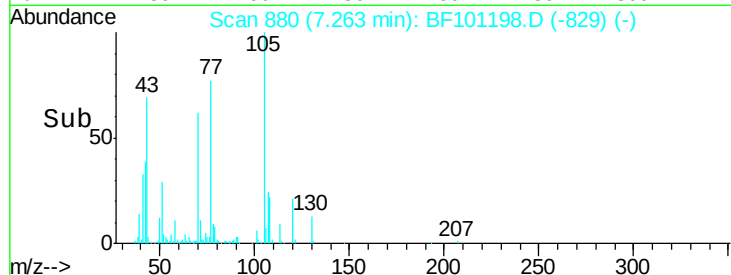
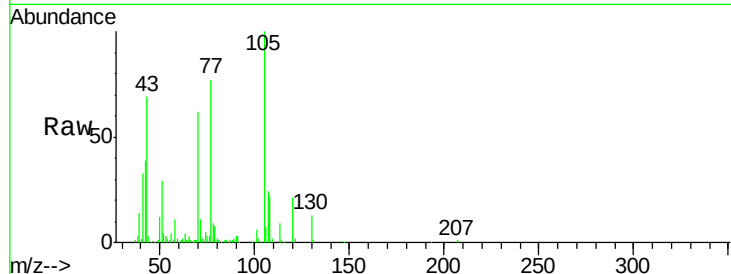
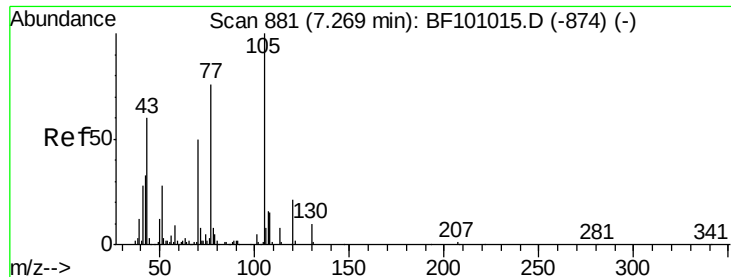
#18
Hexachloroethane
Concen: 40.842 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:117 Resp: 59036
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.8
201 106.8 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

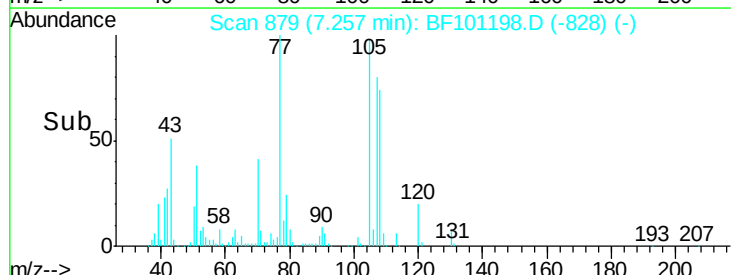
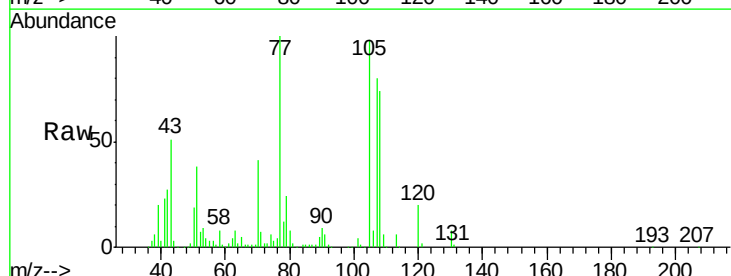
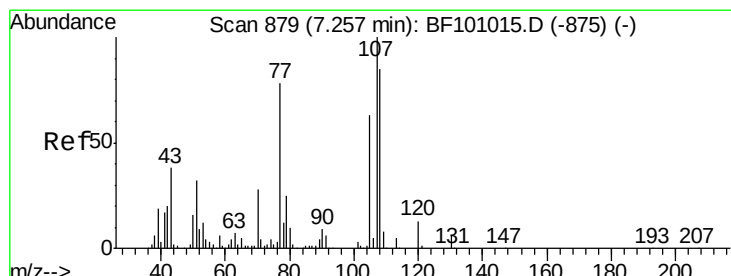
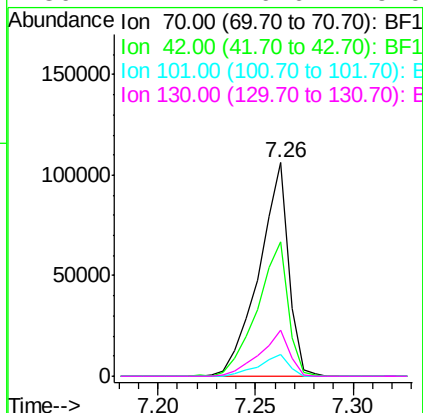




#19
n-Nitroso-di-n-propylamine
Concen: 39.886 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

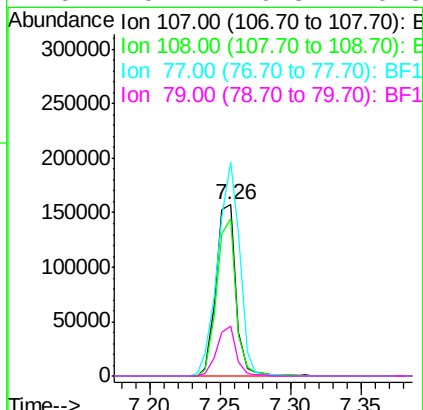
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

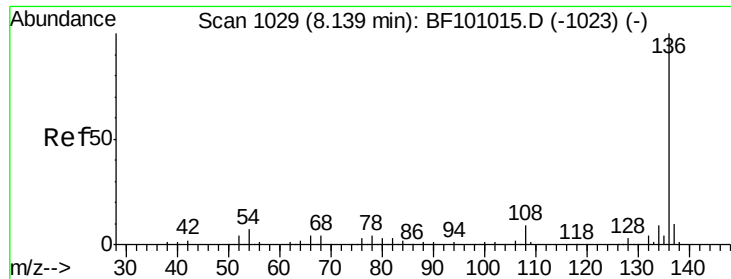
Tot Ion:	70	Resp:	111630
Ion	Ratio	Lower	Upper
70	100		
42	63.2	47.5	71.3
101	10.1	7.4	11.2
130	21.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.517 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:	107	Resp:	155311
Ion	Ratio	Lower	Upper
107	100		
108	92.0	68.2	108.2
77	124.7	26.7	66.7#
79	29.4	6.3	46.3

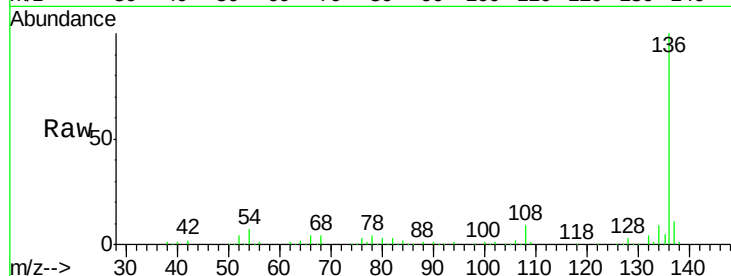




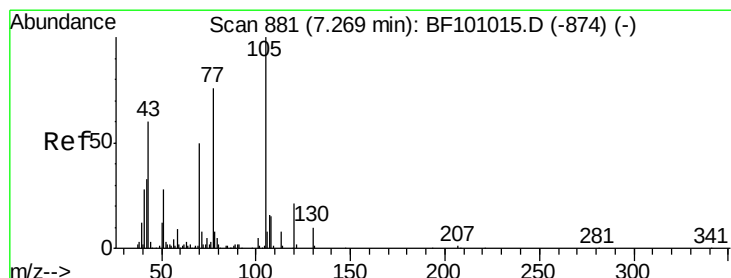
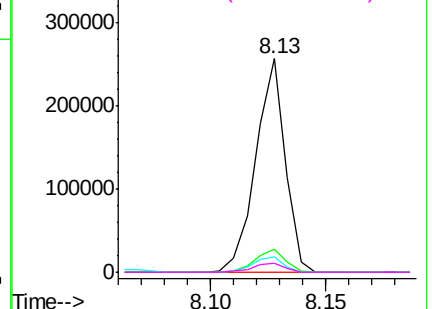
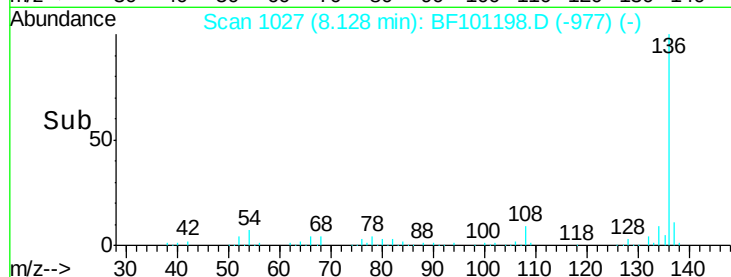
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	228559
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.4	6.6 9.8
68	4.5	5.0 7.4#

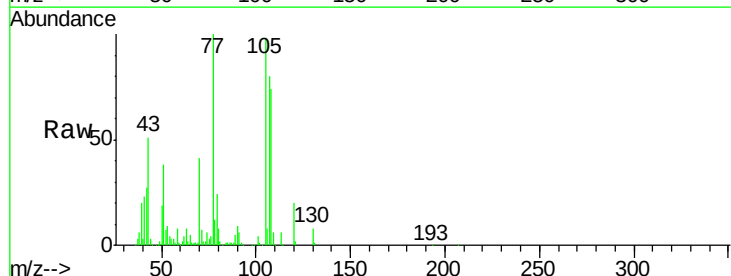


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

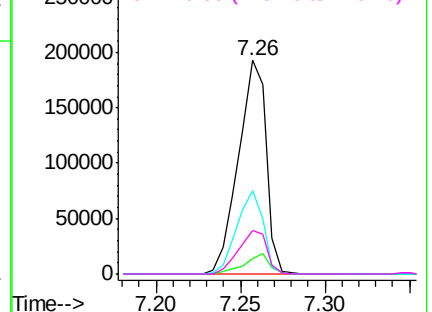
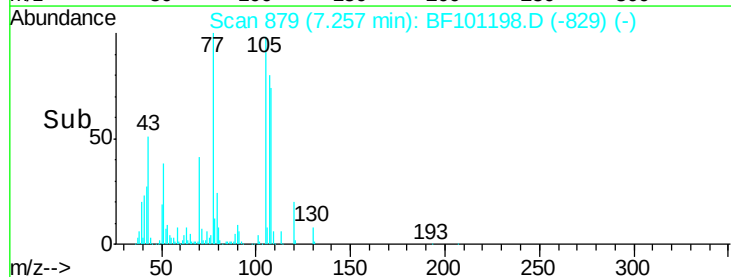


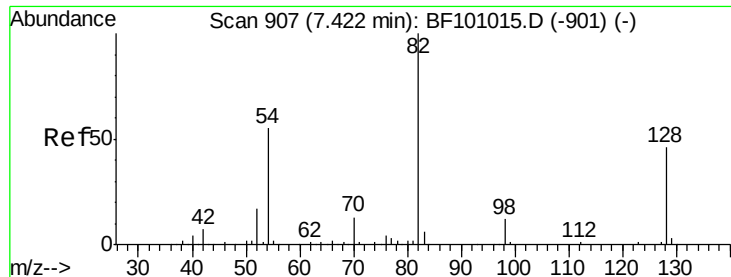
#22
Acetophenone
Concen: 39.949 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:105	Resp:	220591
Ion Ratio	Lower	Upper
105	100	
71	6.9	4.4 6.6#
51	39.1	22.3 33.5#
120	20.5	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

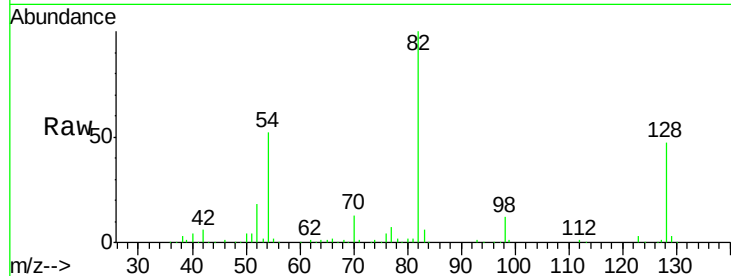




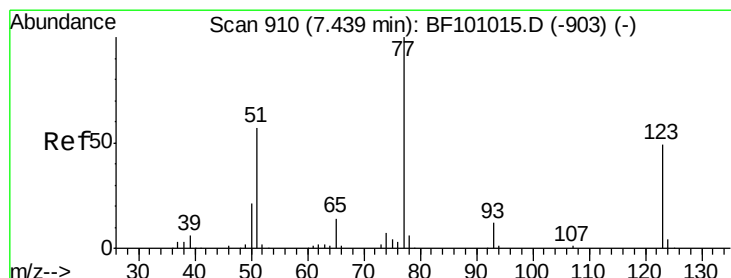
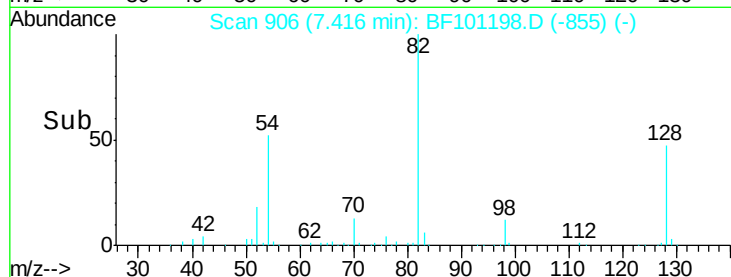
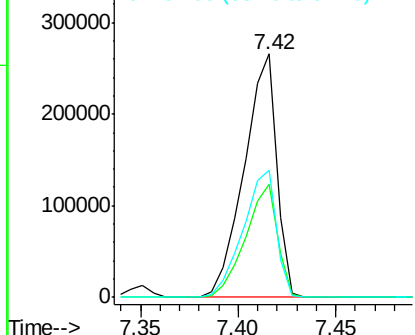
#23
 Nitrobenzene-d5
 Concen: 79.897 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 306122
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 52.2 41.4 62.2

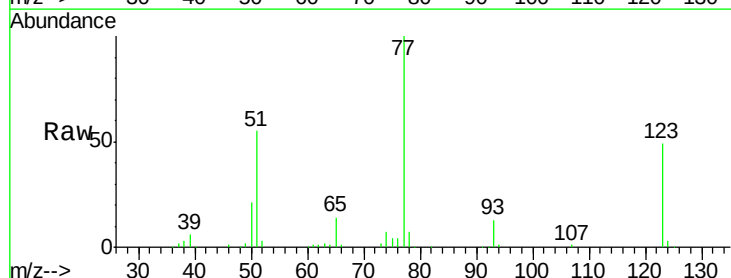


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

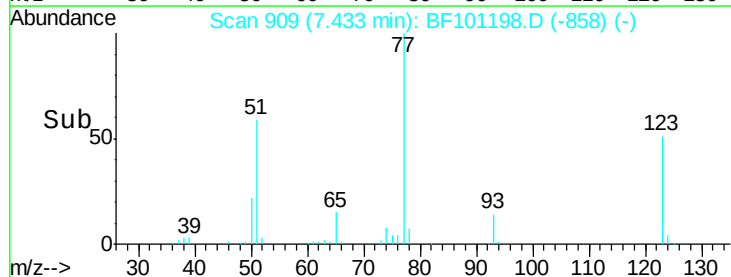
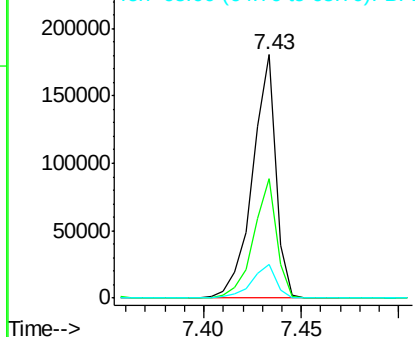


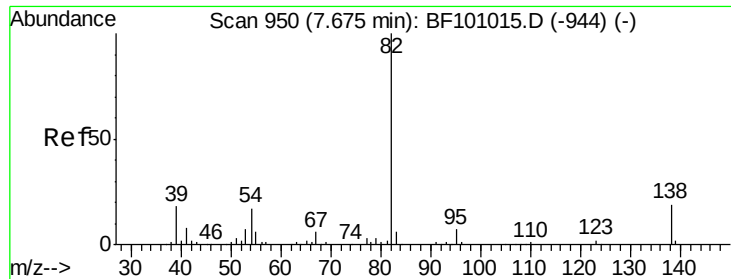
#24
 Nitrobenzene
 Concen: 39.867 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Tgt Ion: 77 Resp: 149707
 Ion Ratio Lower Upper
 77 100
 123 49.2 37.9 56.9
 65 13.7 11.0 16.4



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





#25

Isophorone

Concen: 40.223 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

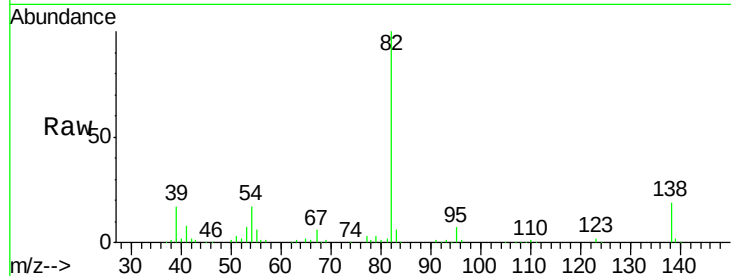
Tot Ion: 82 Resp: 263243

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

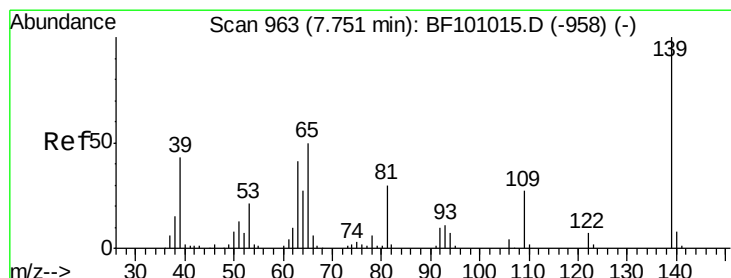
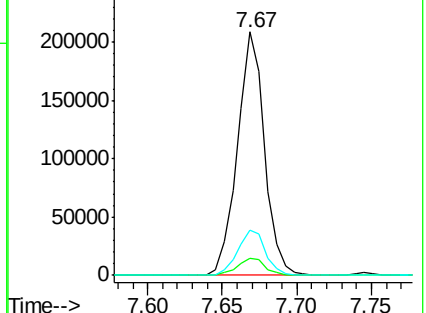
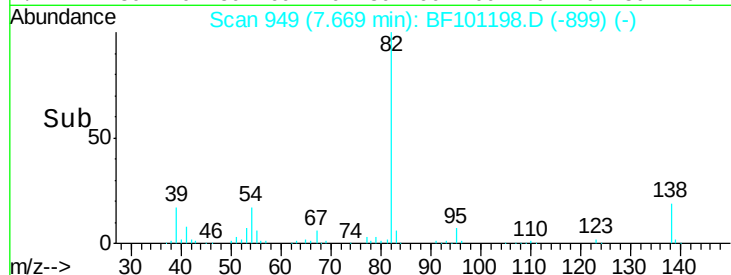
138 18.8 14.9 22.3



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: 39.411 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

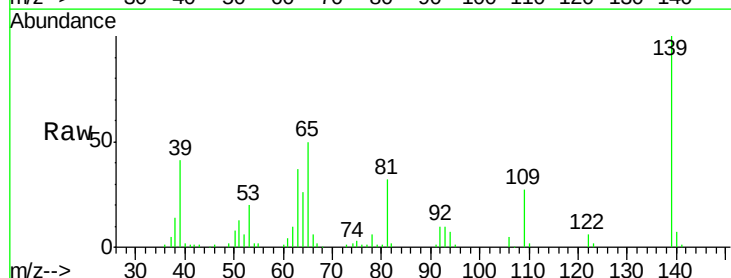
Tgt Ion: 139 Resp: 81241

Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

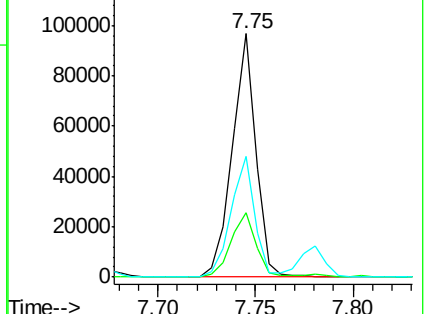
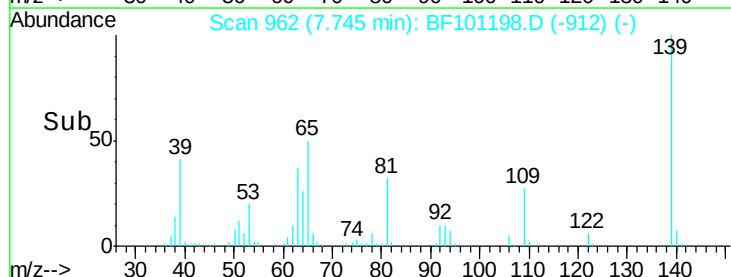
65 49.8 40.5 60.7

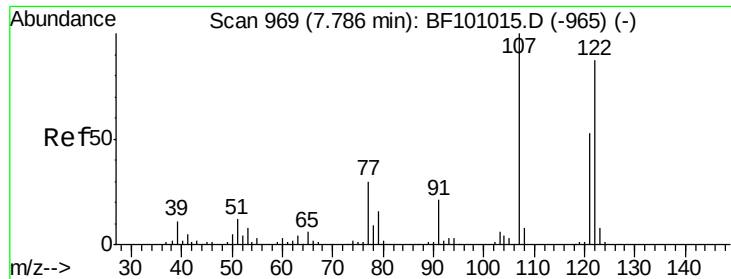


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.849 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

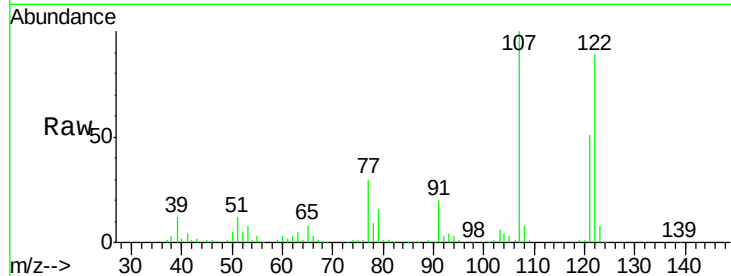
Tot Ion:122 Resp: 121810

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

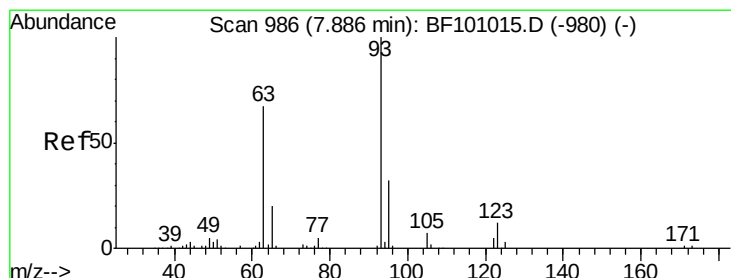
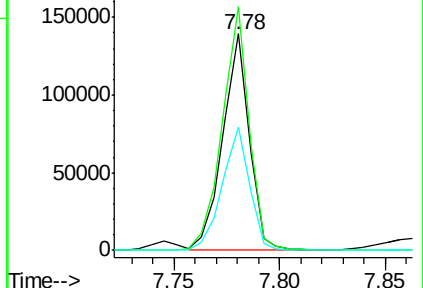
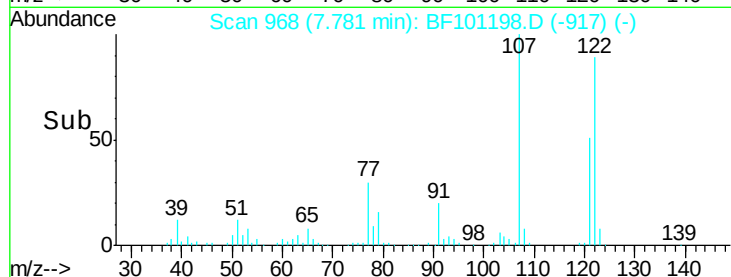
121 57.2 47.2 70.8



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: 40.697 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

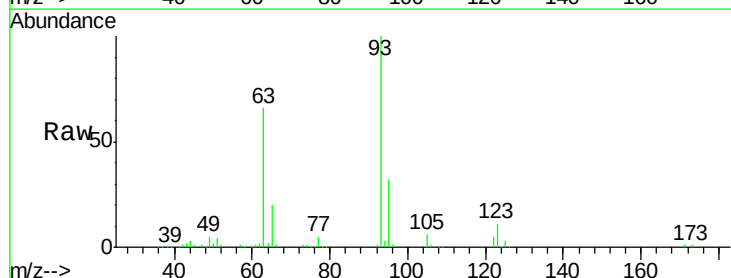
Tgt Ion: 93 Resp: 179009

Ion Ratio Lower Upper

93 100

95 31.6 26.3 39.5

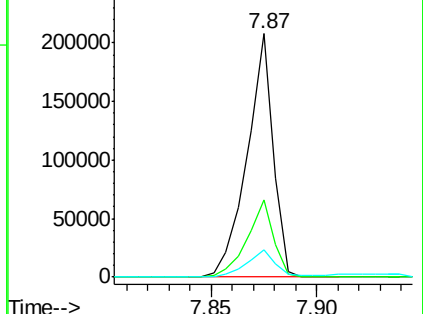
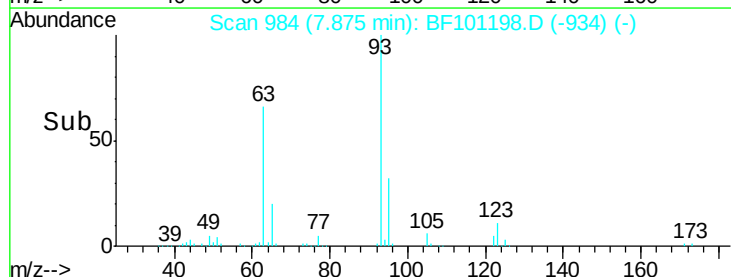
123 11.2 9.8 14.6

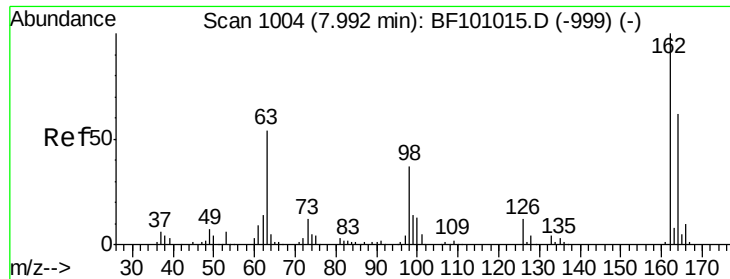


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

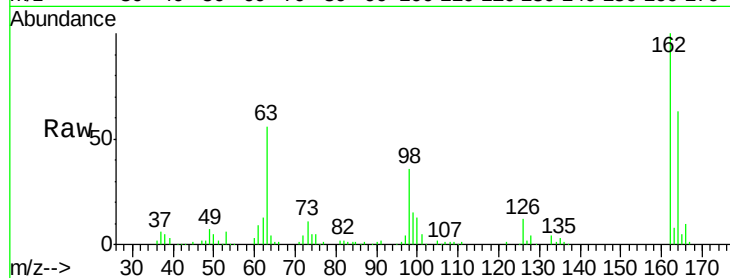




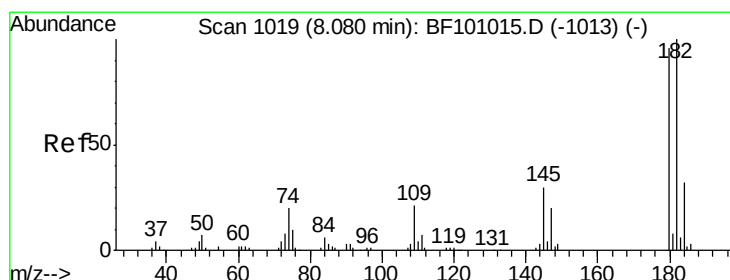
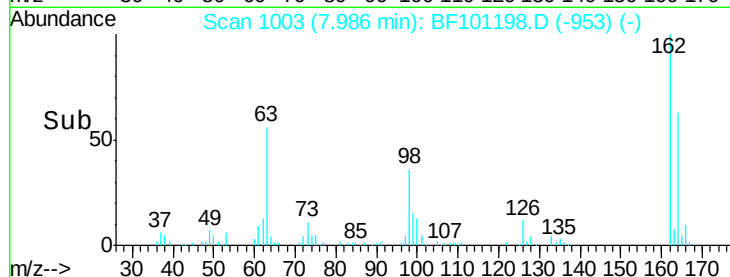
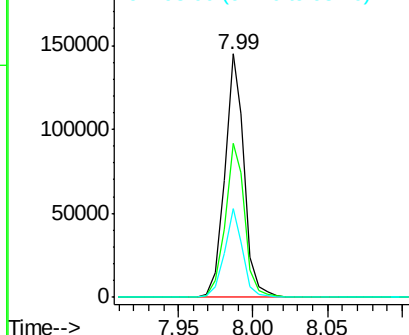
#29
 2,4-Dichlorophenol
 Concen: 41.035 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	36.4	18.1	58.1

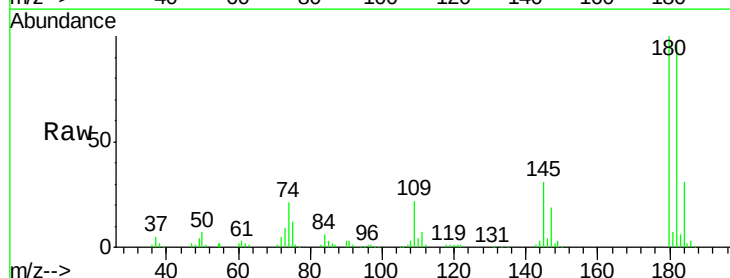


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

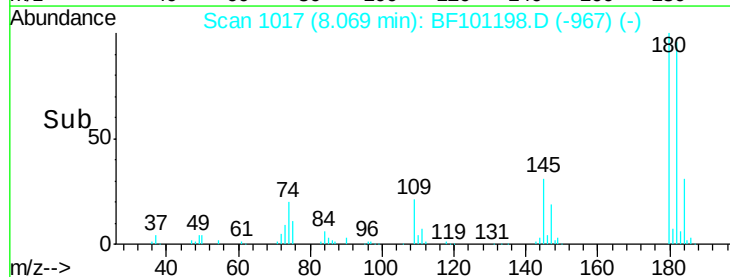
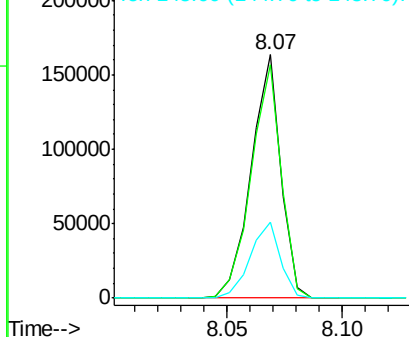


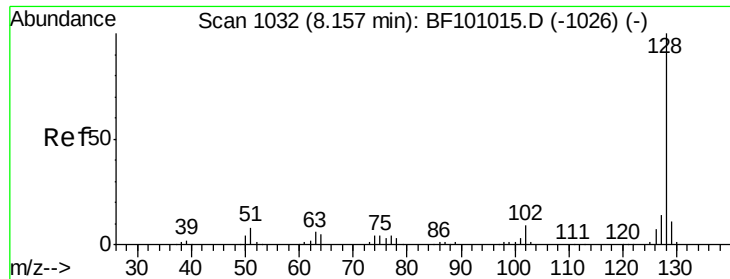
#30
 1,2,4-Trichlorobenzene
 Concen: 40.989 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	31.2	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

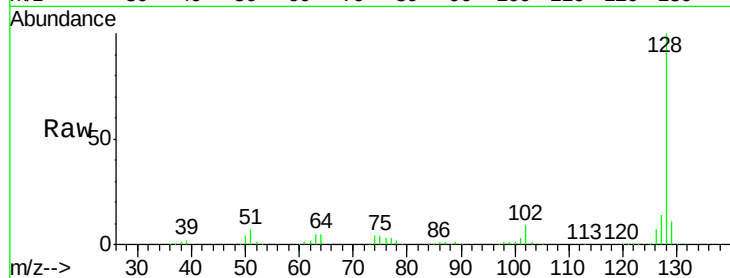




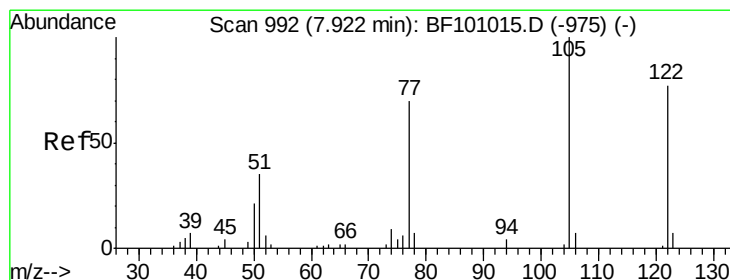
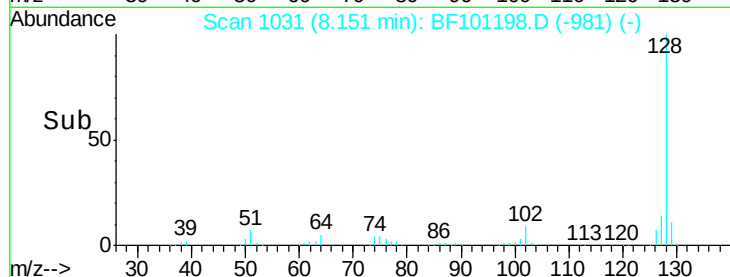
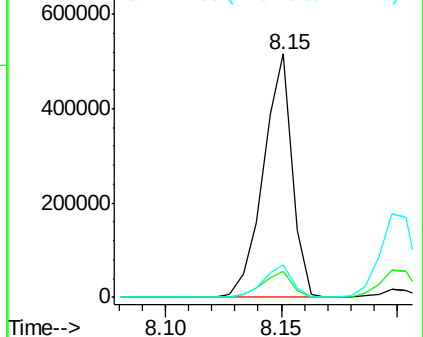
#31
Naphthalene
Concen: 39.798 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 448311
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 10.9 16.3

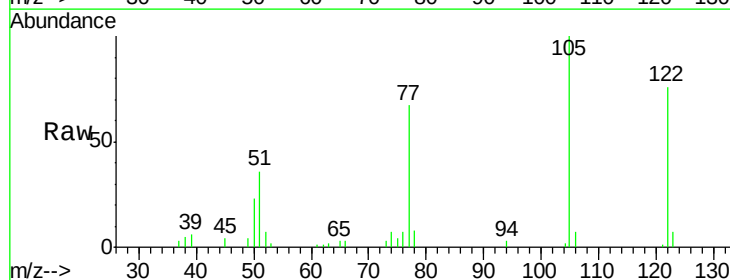


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

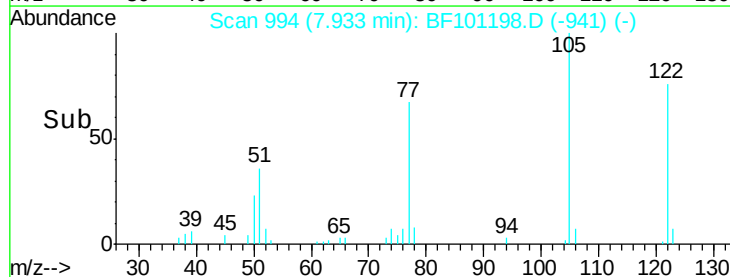
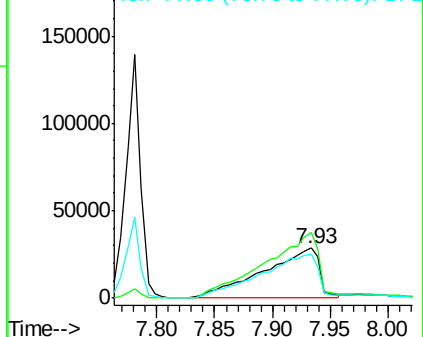


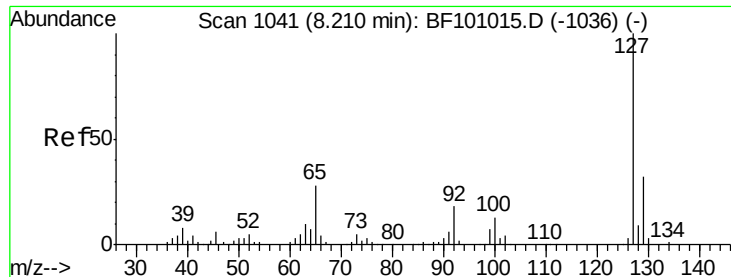
#32
Benzoic acid
Concen: 41.796 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:122 Resp: 96937
Ion Ratio Lower Upper
122 100
105 131.3 101.1 141.1
77 88.5 70.7 110.7



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

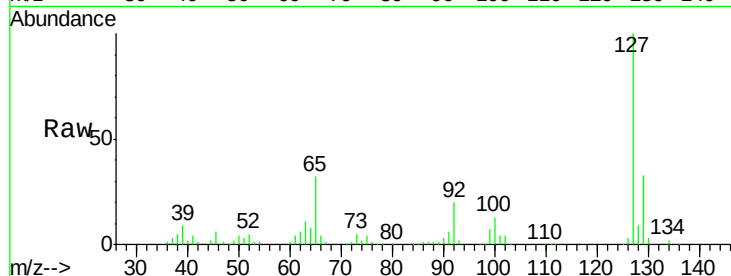




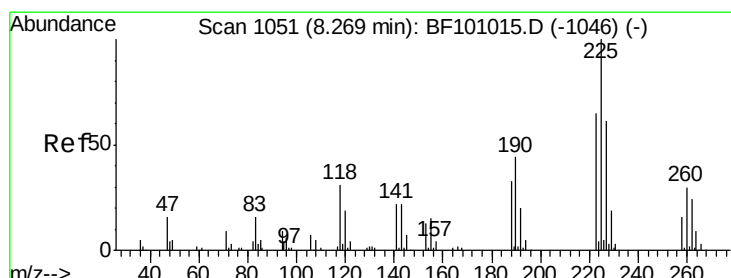
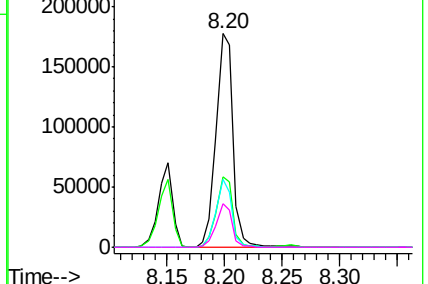
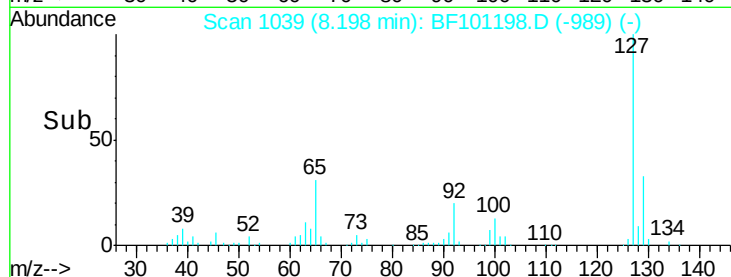
#33
4-Chloroaniline
Concen: 40.202 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	181959
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	31.8	25.0	37.4
92	20.3	15.2	22.8

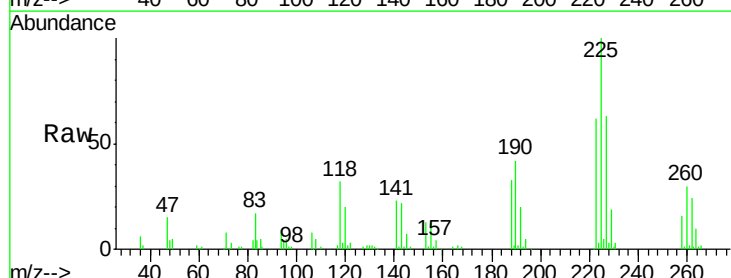


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

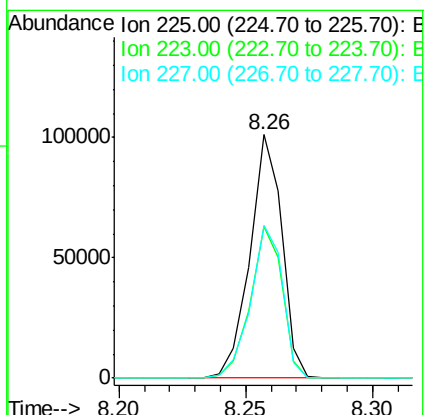
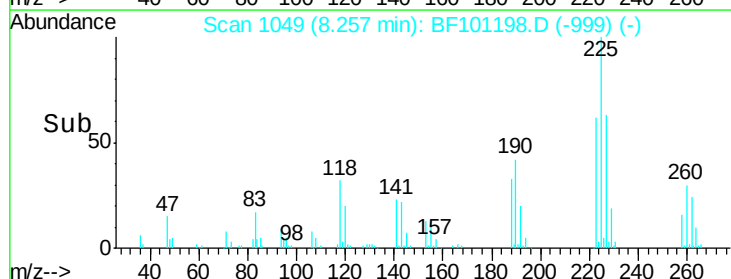


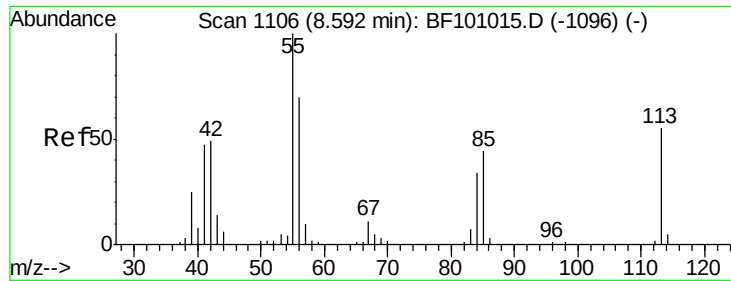
#34
Hexachlorobutadiene
Concen: 40.643 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:	225	Resp:	88971
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	62.6	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

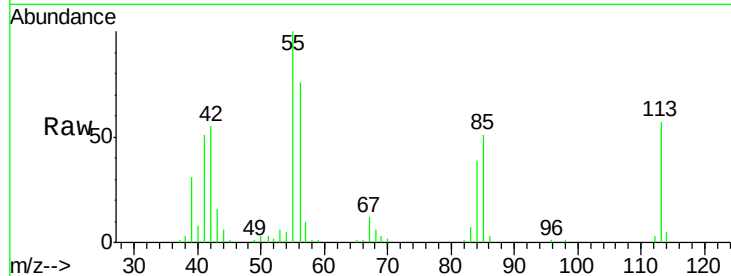




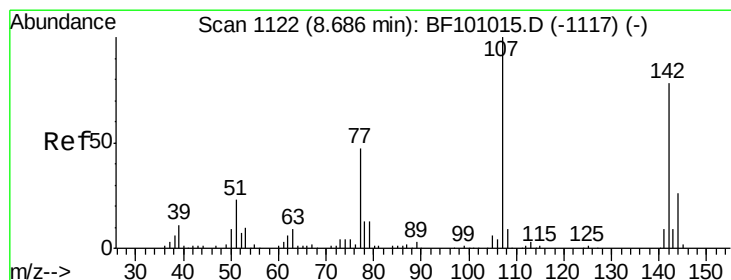
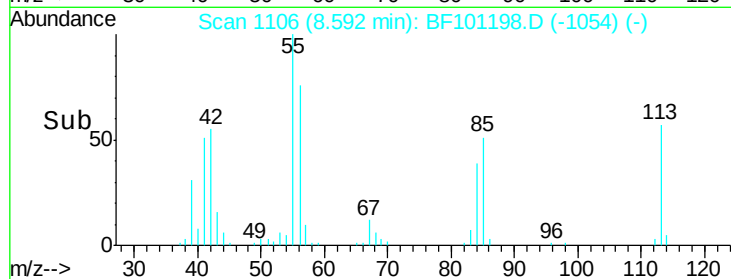
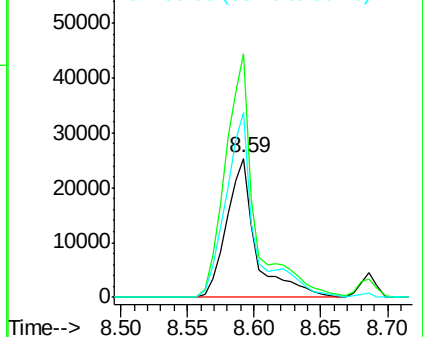
#35
 Caprolactam
 Concen: 38.905 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 39355
 Ion Ratio Lower Upper
 113 100
 55 175.1 163.3 203.3
 56 132.5 115.7 155.7

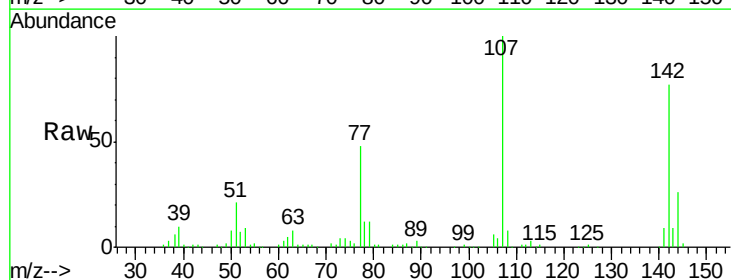


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

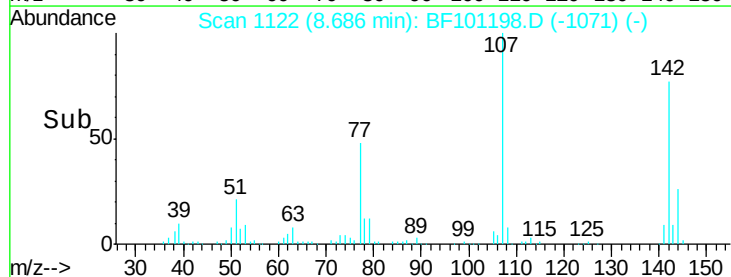
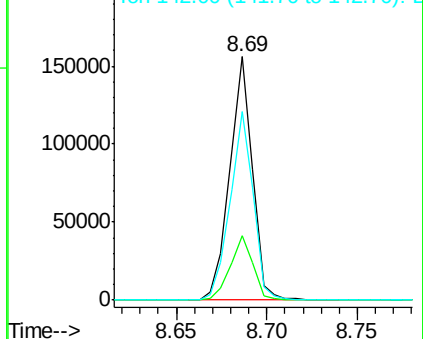


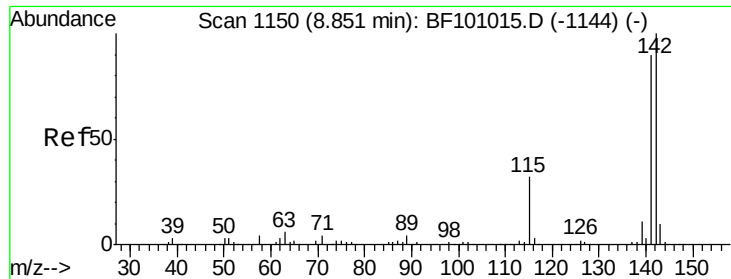
#36
 4-Chloro-3-methylphenol
 Concen: 40.628 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Tgt Ion:107 Resp: 136602
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 77.3 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

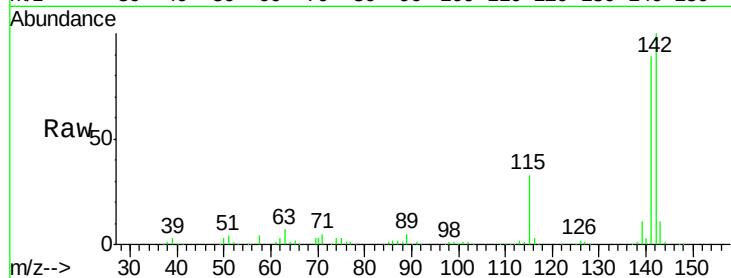




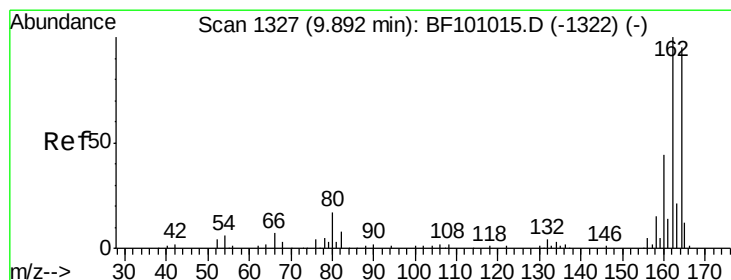
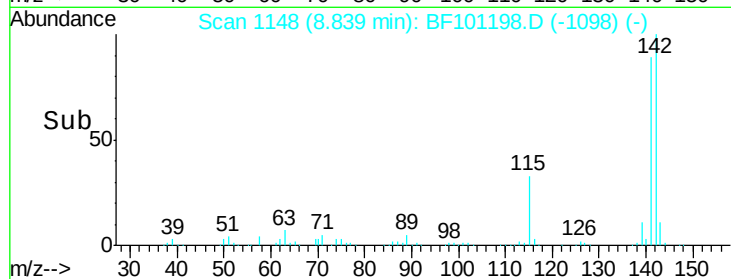
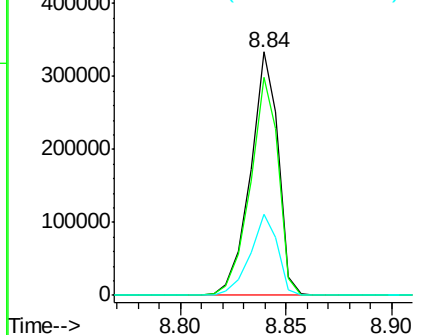
#37
2-Methylnaphthalene
Concen: 39.658 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 303545
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 33.2 26.1 39.1

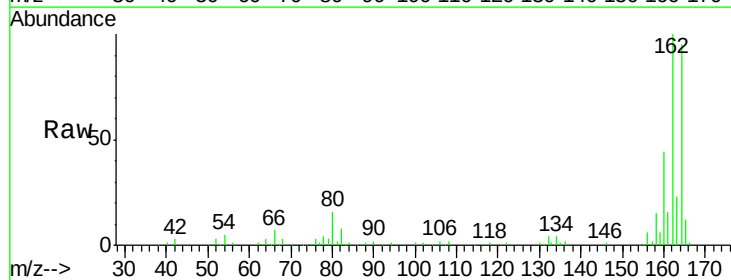


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

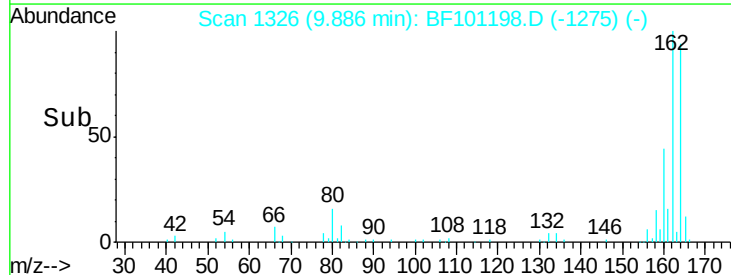
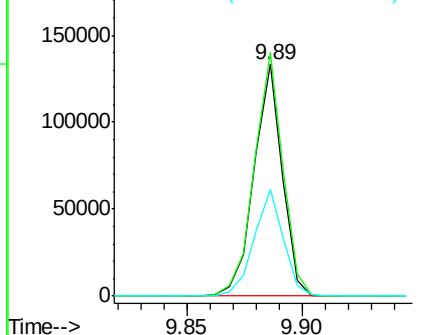


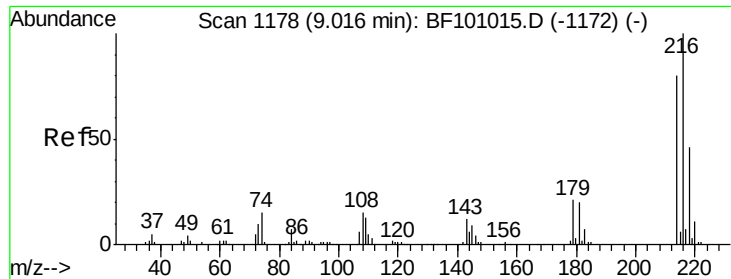
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:164 Resp: 113759
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 46.1 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

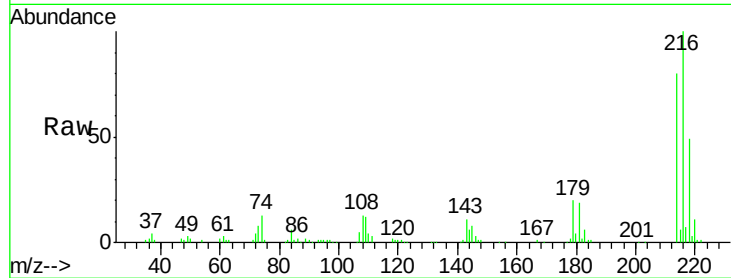




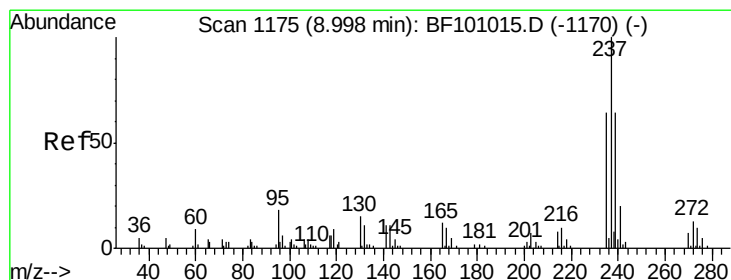
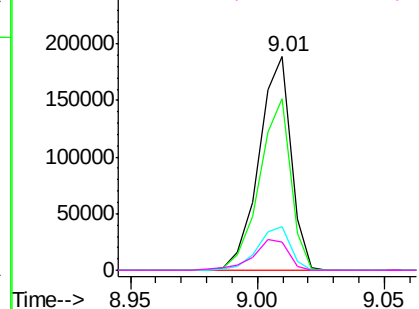
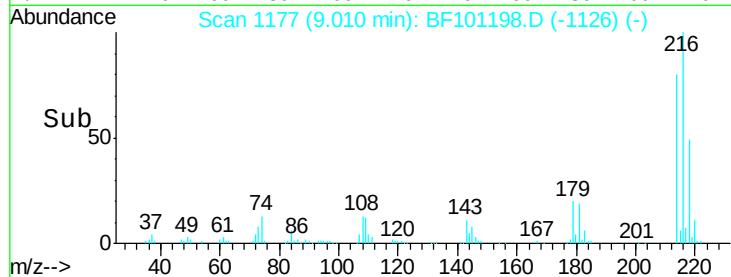
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.450 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	20.6	18.1	27.1
108	16.0	17.2	25.8

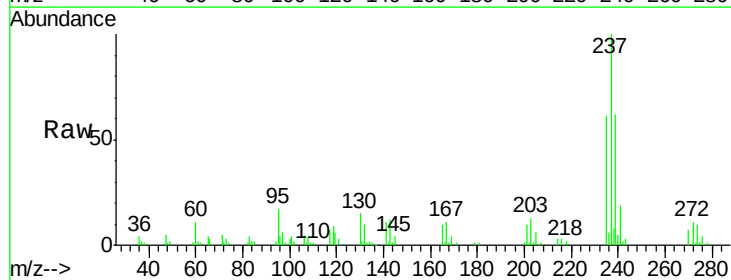


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

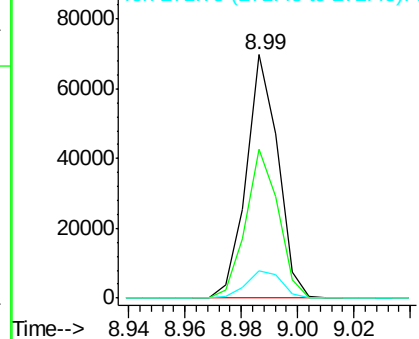
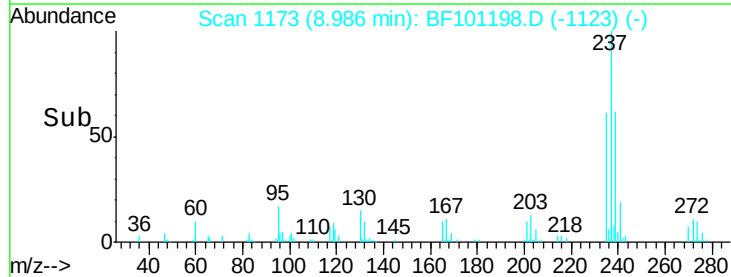


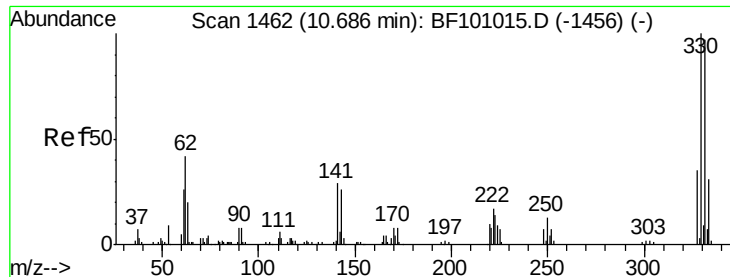
#40
 Hexachlorocyclopentadiene
 Concen: 40.509 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.2	44.8	84.8
272	11.2	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 78.782 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

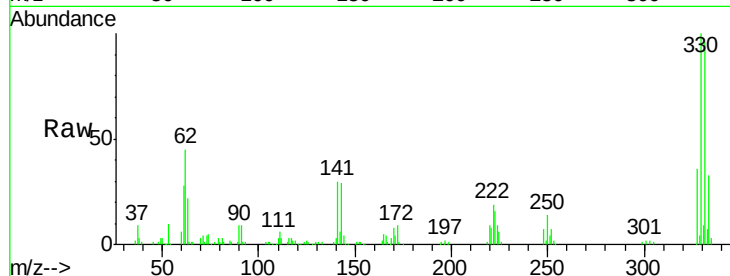
Tot Ion:330 Resp: 107661

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

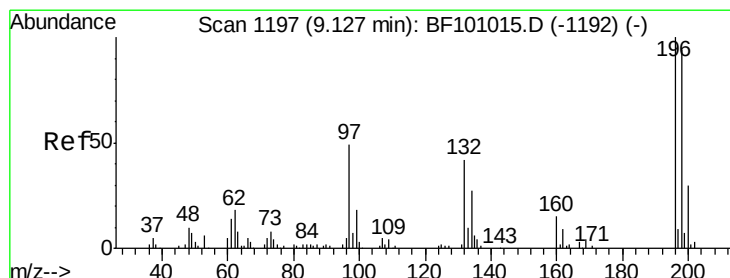
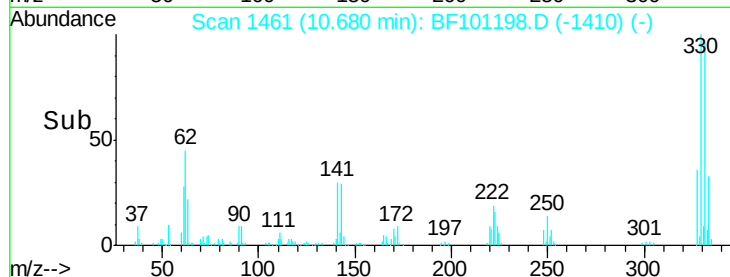
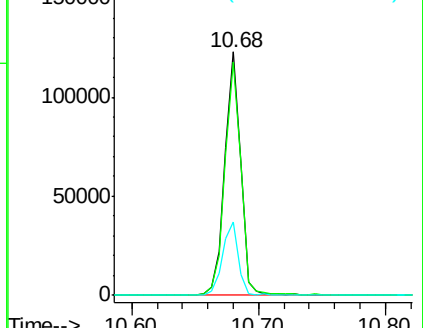
141 30.1 29.9 44.9



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: 40.349 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

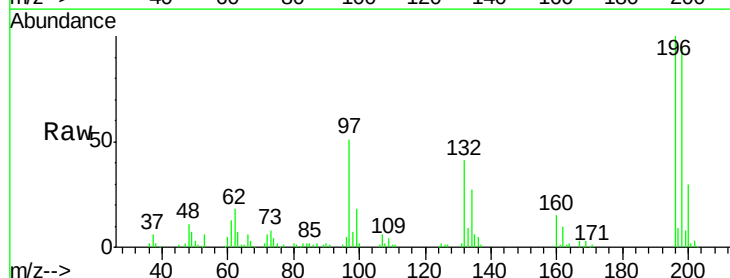
Tgt Ion:196 Resp: 97749

Ion Ratio Lower Upper

196 100

198 95.2 75.7 113.5

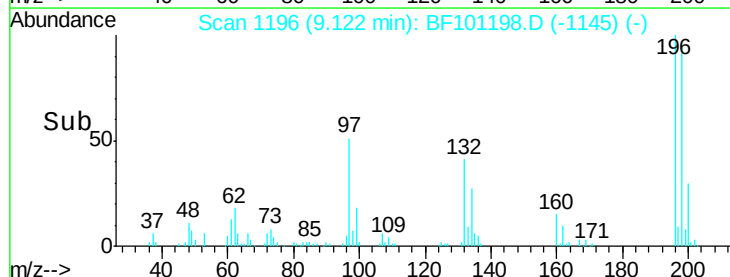
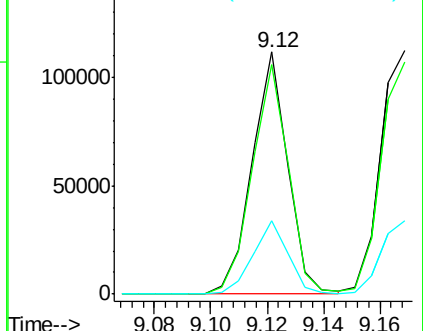
200 30.4 24.5 36.7

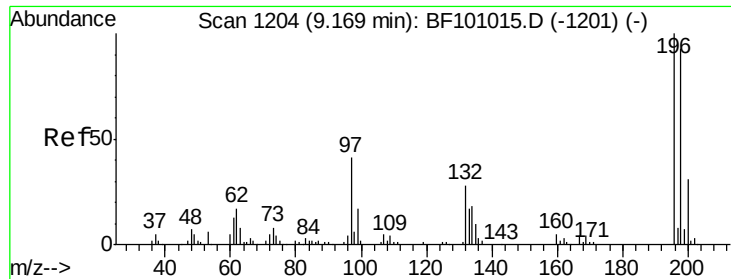


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

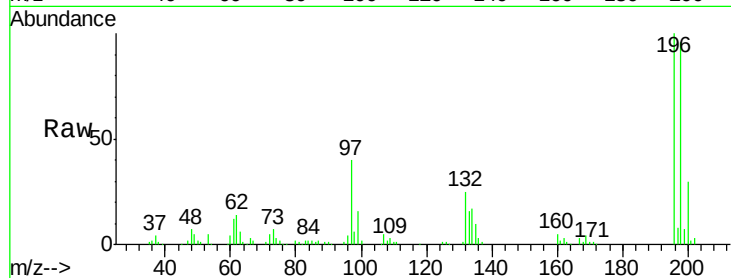




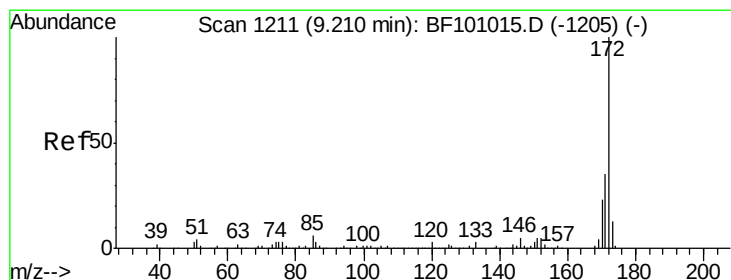
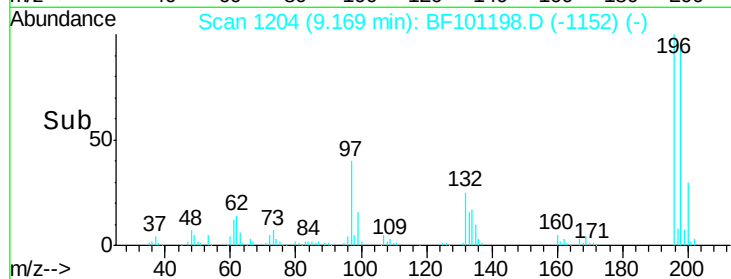
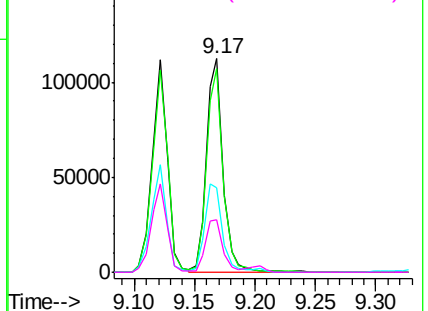
#43
 2,4,5-Trichlorophenol
 Concen: 41.411 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	39.7	42.9	64.3#
132	24.5	26.3	39.5#

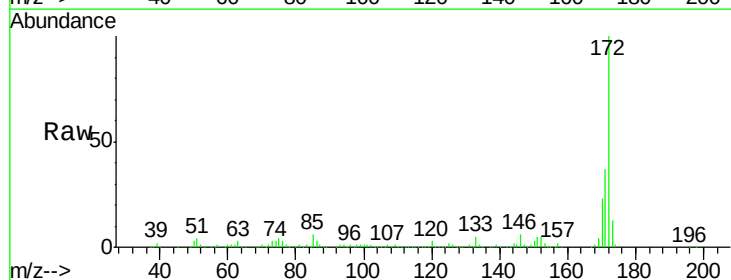


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

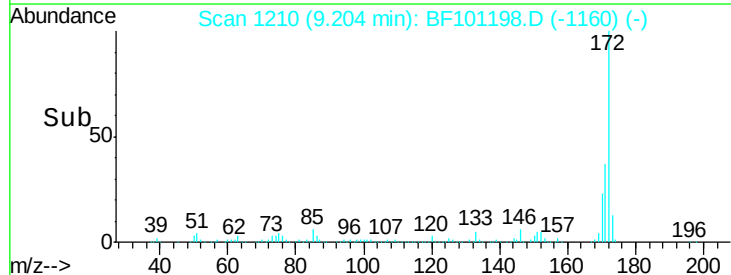
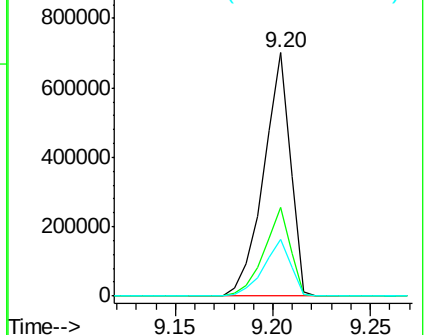


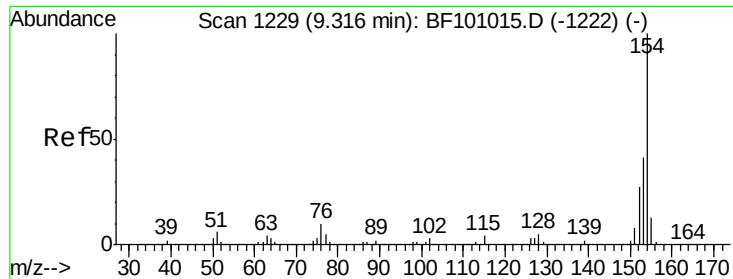
#44
 2-Fluorobiphenyl
 Concen: 79.771 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.4	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

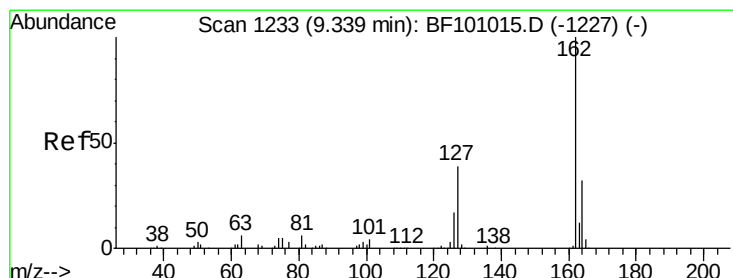
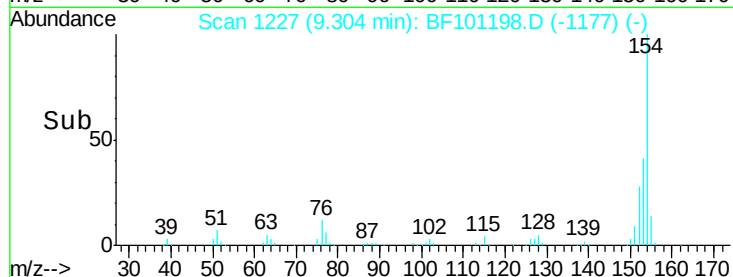
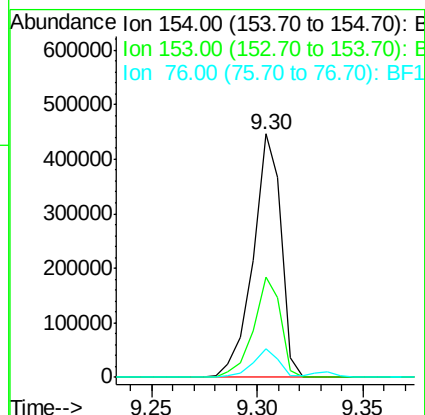
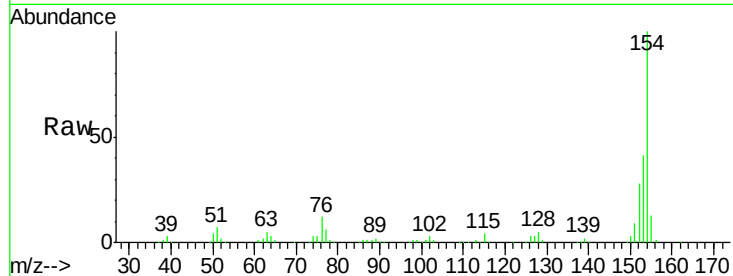




#45
 1,1'-Biphenyl
 Concen: 39.495 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

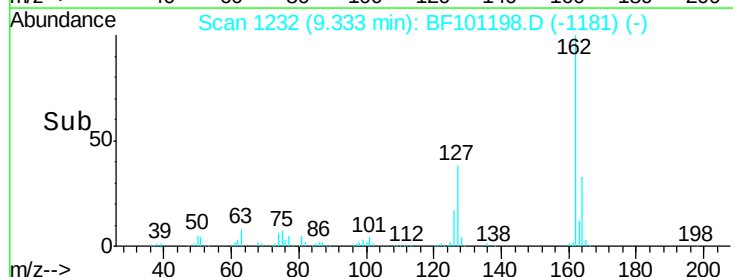
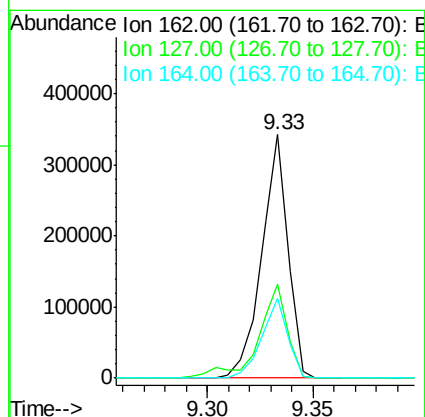
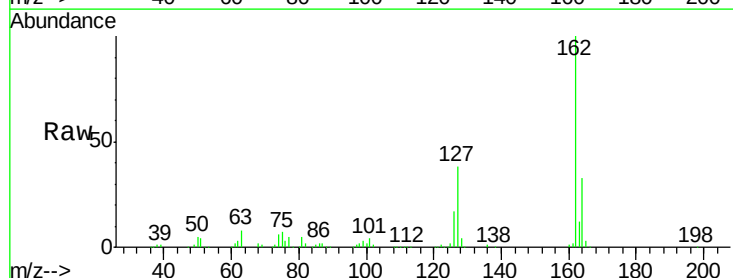
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

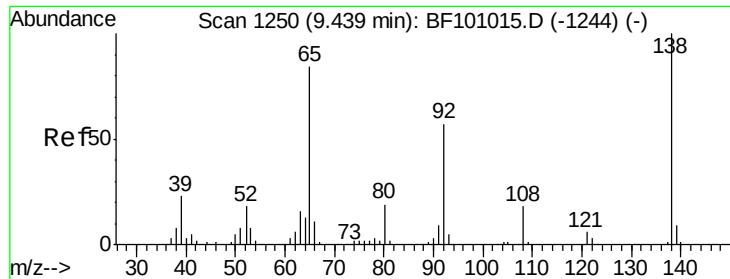
Tot Ion:154 Resp: 411645
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 11.8 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 39.949 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Tgt Ion:162 Resp: 295703
 Ion Ratio Lower Upper
 162 100
 127 38.4 33.9 50.9
 164 32.7 26.5 39.7

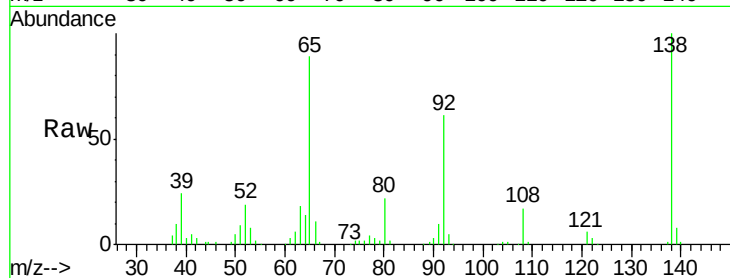




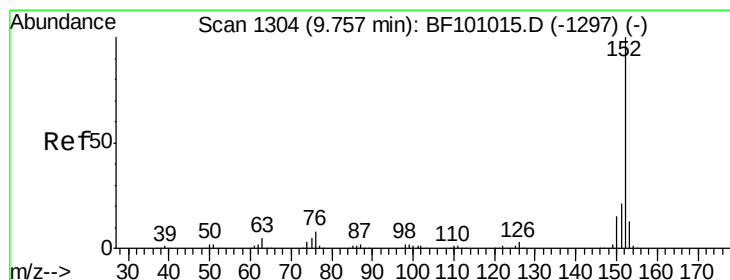
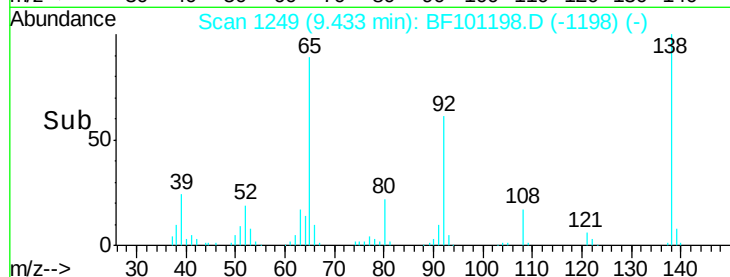
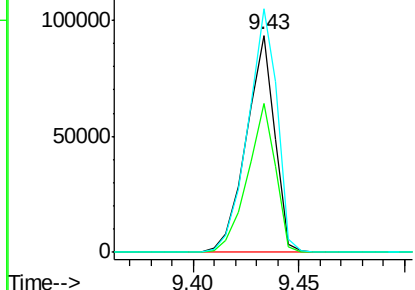
#47
2-Nitroaniline
Concen: 39.854 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 65 Resp: 87279
Ion Ratio Lower Upper
65 100
92 68.5 55.8 83.6
138 112.2 91.2 136.8

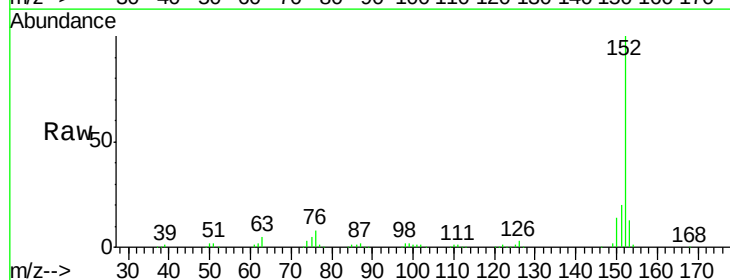


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

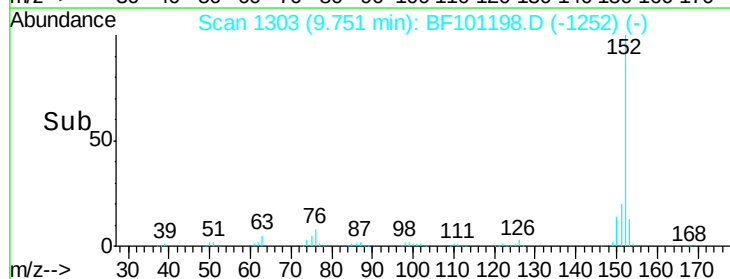
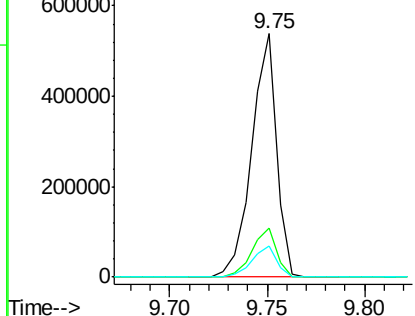


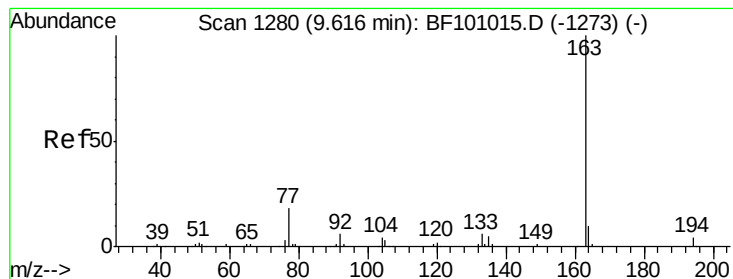
#48
Acenaphthylene
Concen: 39.032 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion: 152 Resp: 474804
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 12.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.794 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

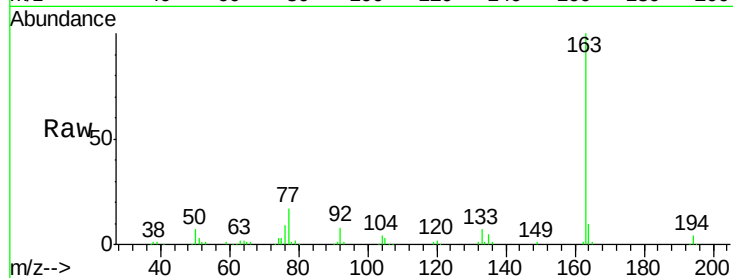
Tot Ion:163 Resp: 365088

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

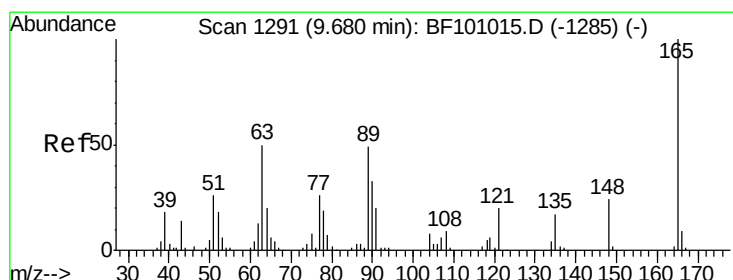
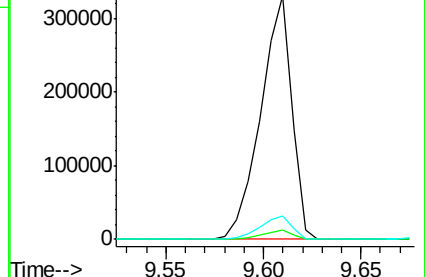
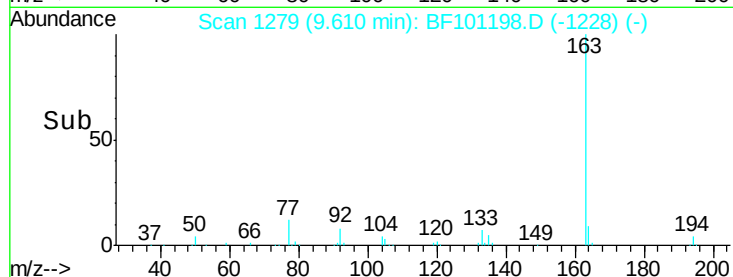
164 9.7 8.2 12.2



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: 39.882 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

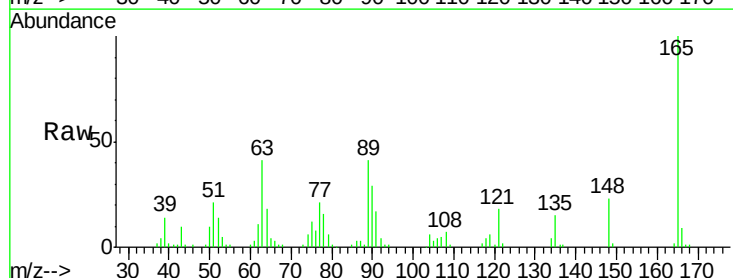
Tgt Ion:165 Resp: 77065

Ion Ratio Lower Upper

165 100

63 40.8 44.7 67.1#

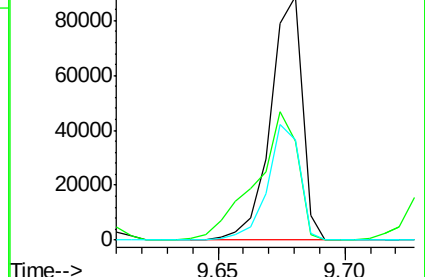
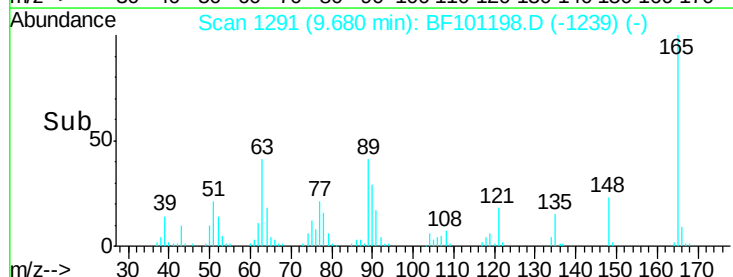
89 41.2 44.0 66.0#

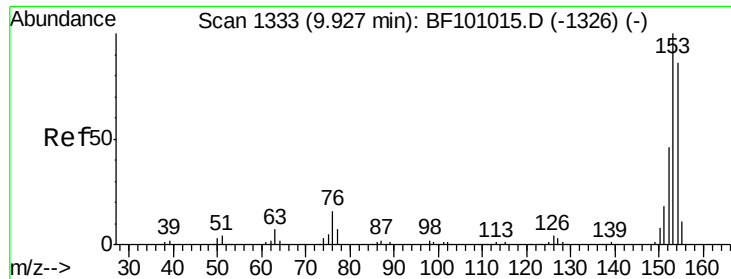


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.073 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

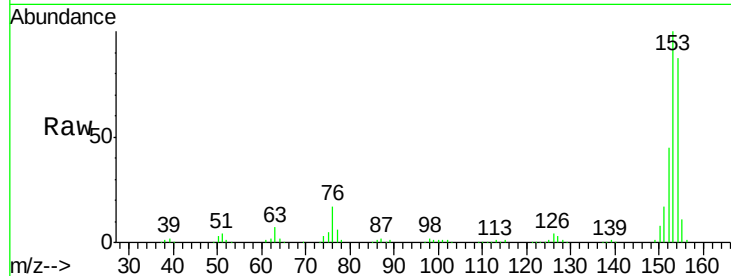
Tot Ion:154 Resp: 284606

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

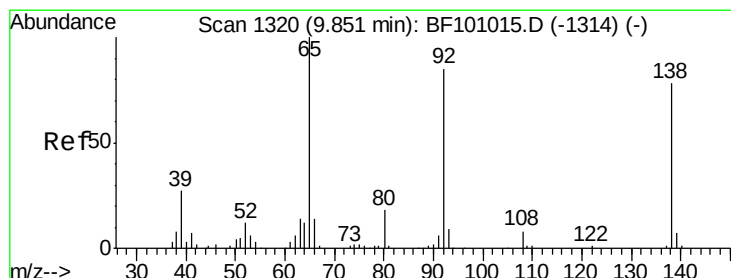
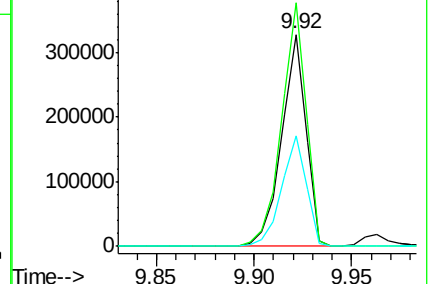
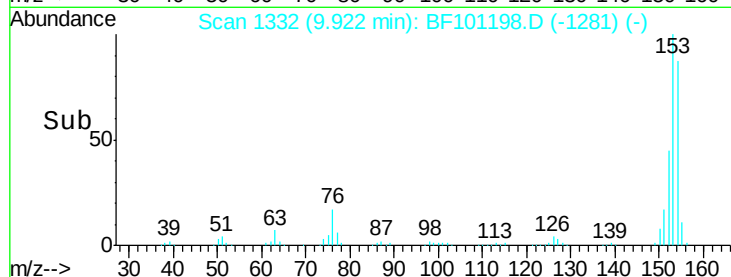
152 52.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.003 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

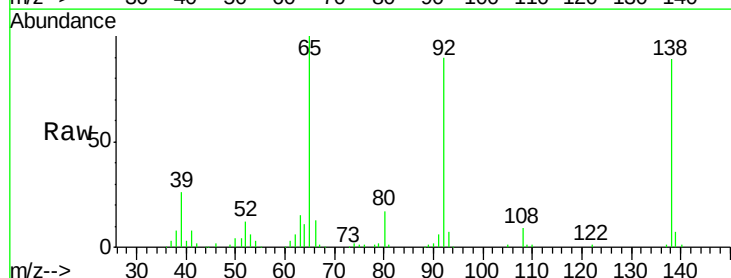
Tgt Ion:138 Resp: 84755

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

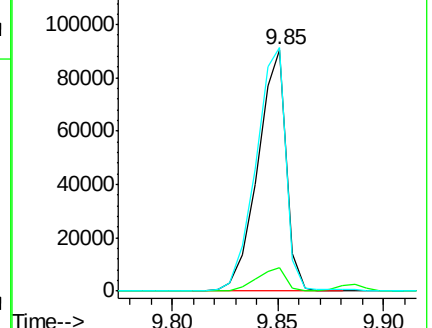
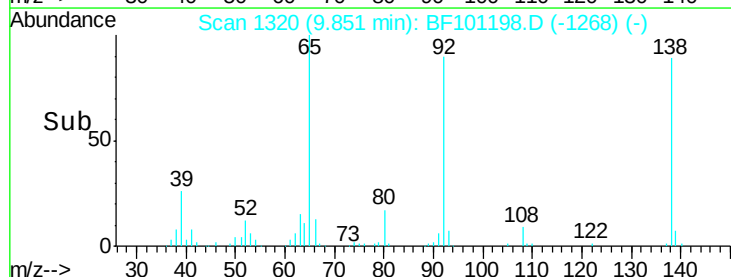
92 100.9 89.4 134.2

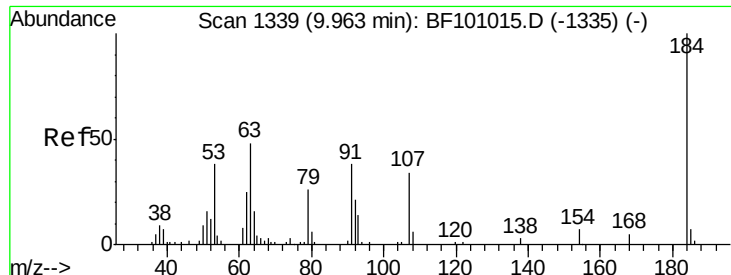


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

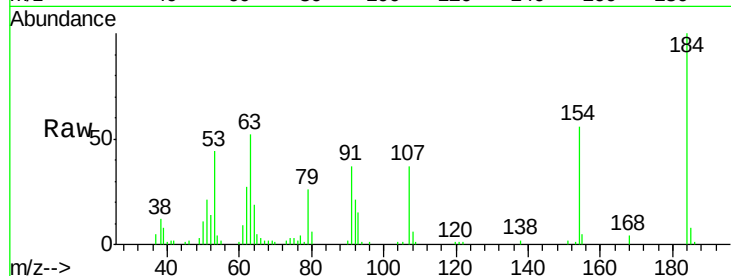




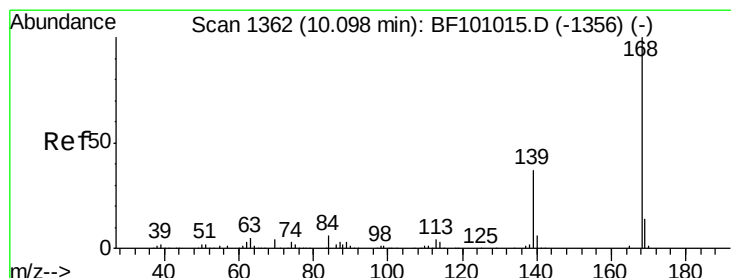
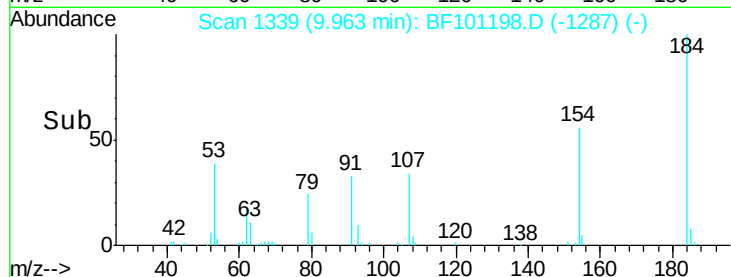
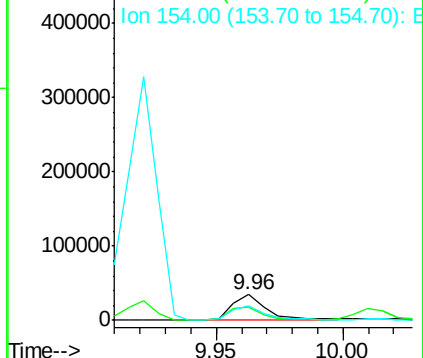
#53
 2,4-Dinitrophenol
 Concen: 36.721 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 33727
 Ion Ratio Lower Upper
 184 100
 63 52.3 54.2 81.2#
 154 56.3 184.0 276.0#

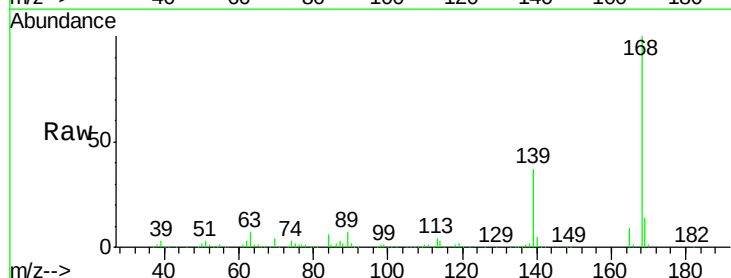


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

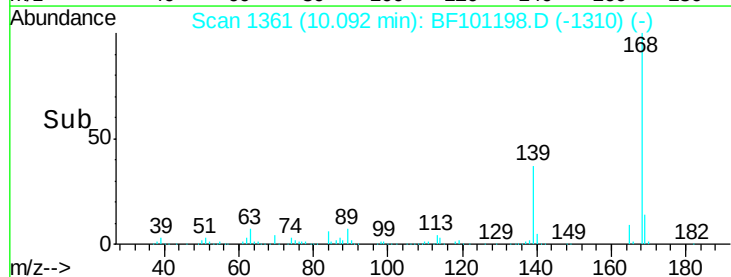
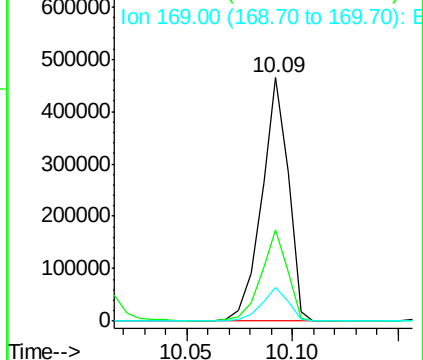


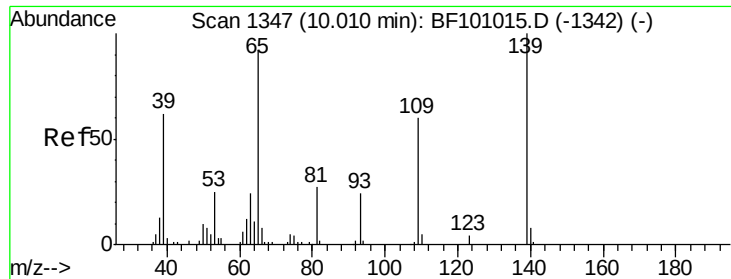
#54
 Dibenzofuran
 Concen: 38.671 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Tgt Ion:168 Resp: 405918
 Ion Ratio Lower Upper
 168 100
 139 37.4 30.1 45.1
 169 13.8 10.9 16.3



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

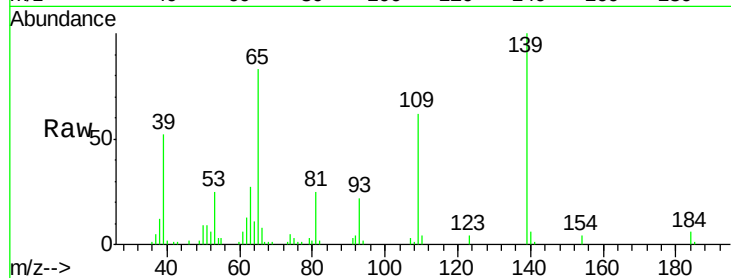




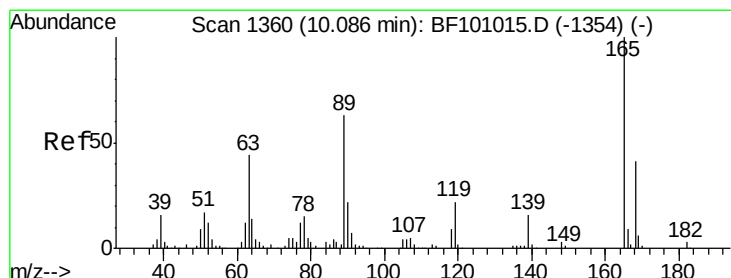
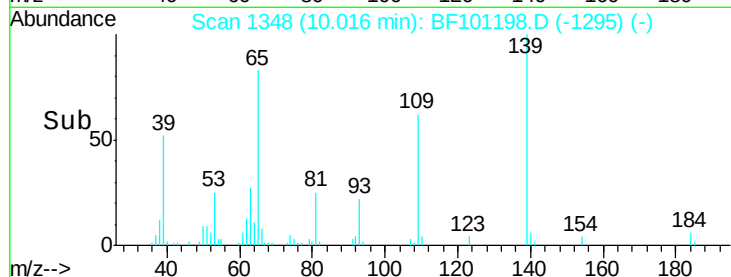
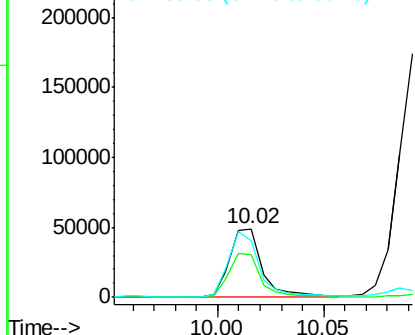
#55
4-Nitrophenol
Concen: 36.111 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 52921
Ion Ratio Lower Upper
139 100
109 62.1 48.4 88.4
65 82.7 72.6 112.6

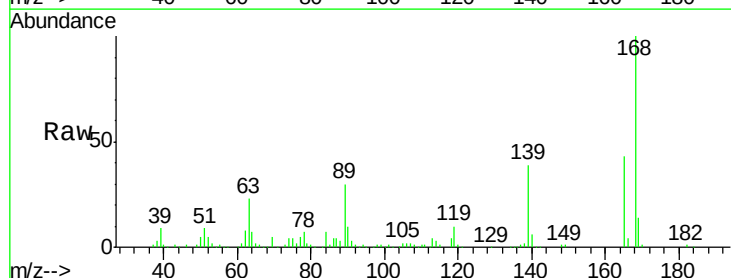


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

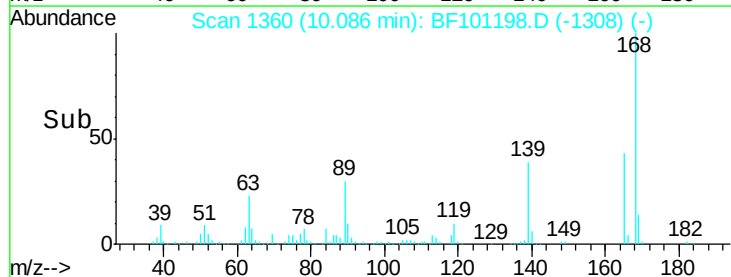
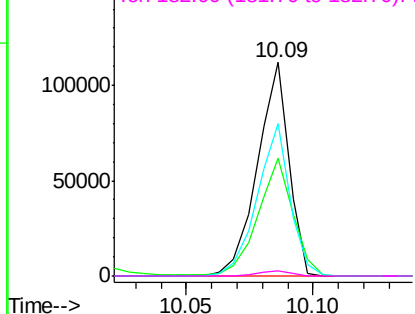


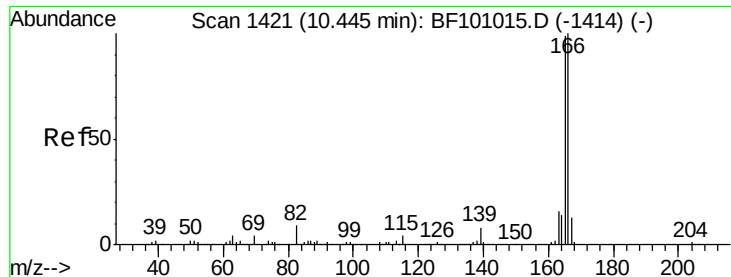
#56
2,4-Dinitrotoluene
Concen: 37.514 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:165 Resp: 97148
Ion Ratio Lower Upper
165 100
63 55.1 36.4 54.6#
89 71.0 57.8 86.6
182 2.6 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: 39.378 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

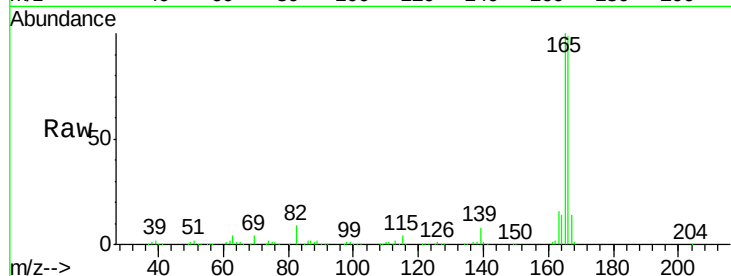
Tot Ion:166 Resp: 336008

Ion Ratio Lower Upper

166 100

165 100.6 79.8 119.8

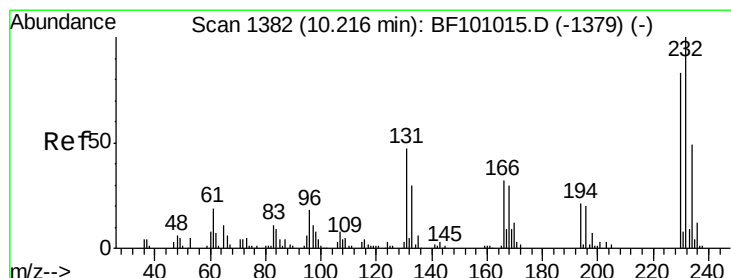
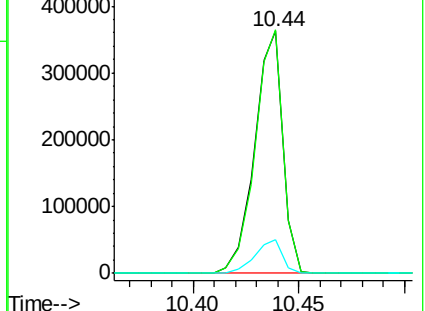
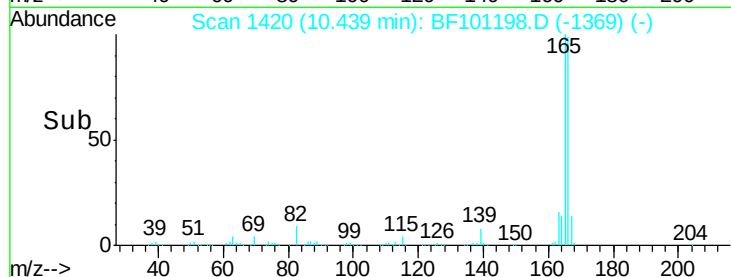
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.155 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Tgt Ion:232 Resp: 81197

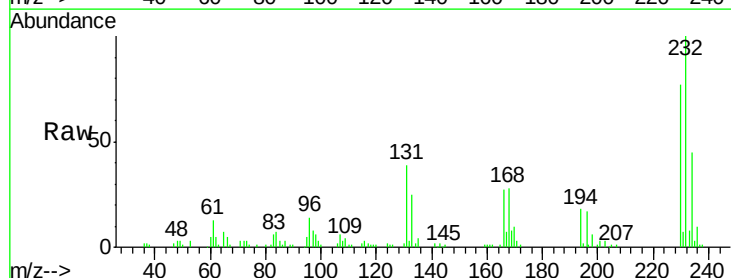
Ion Ratio Lower Upper

232 100

131 44.4 43.8 65.8

130 2.1 2.1 3.1

166 30.1 27.8 41.6

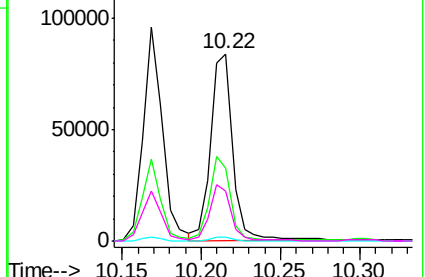
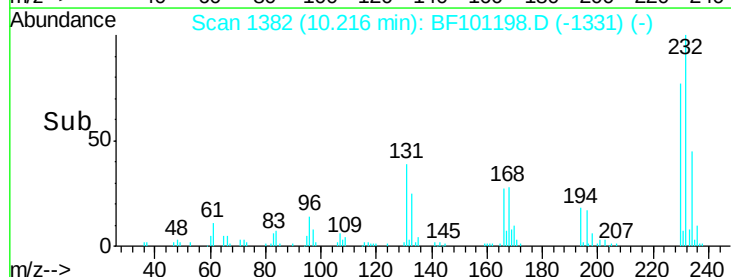


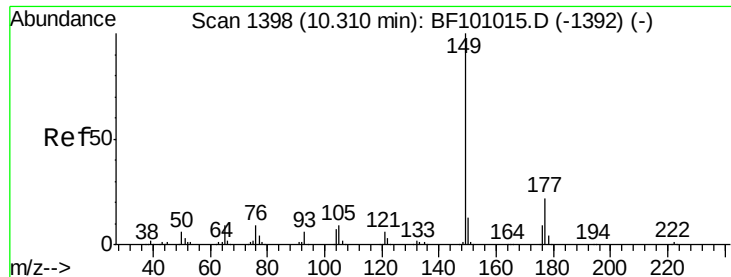
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

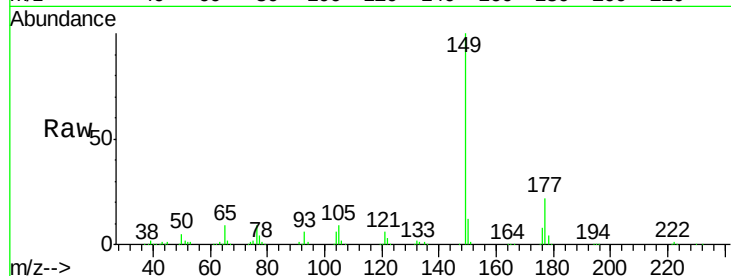




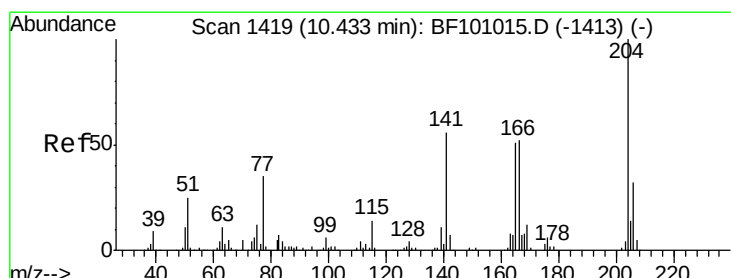
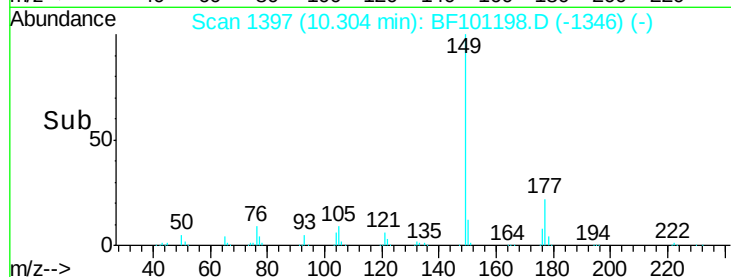
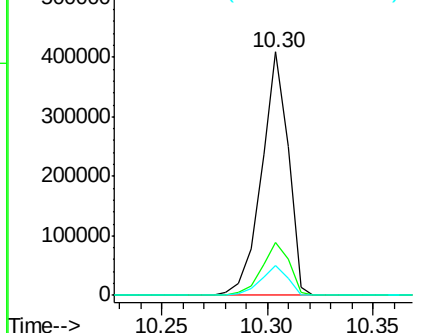
#59
Diethylphthalate
Concen: 39.674 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 359014
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.4 10.1 15.1

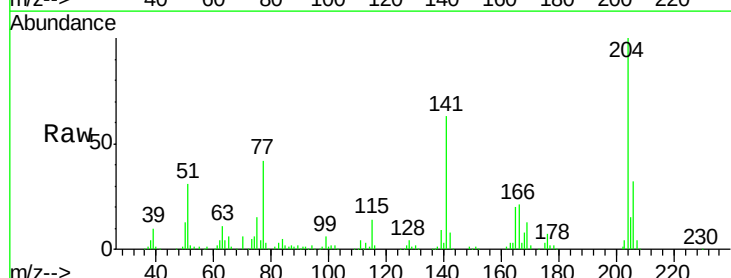


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

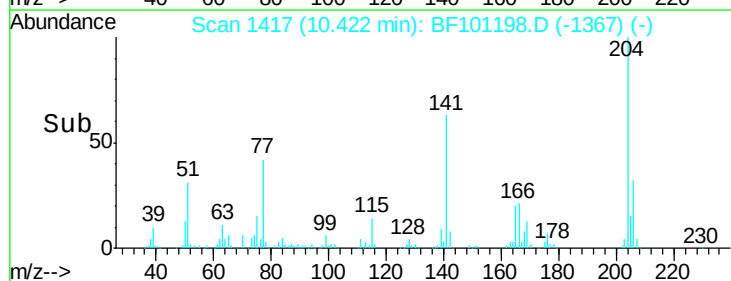
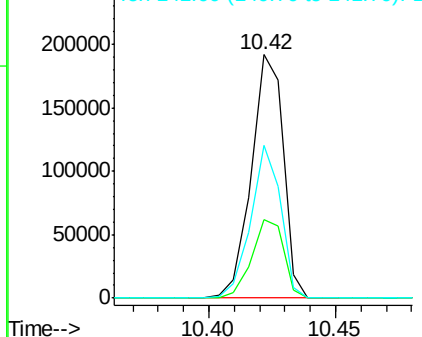


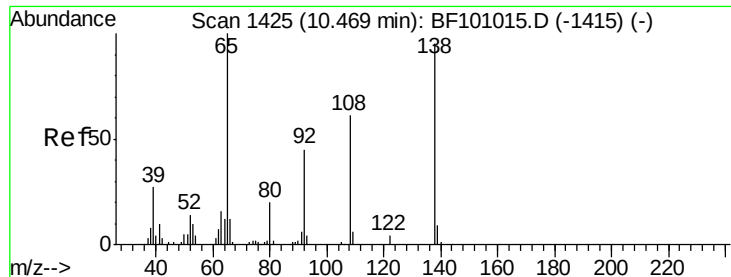
#60
4-Chlorophenyl-phenylether
Concen: 40.064 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:204 Resp: 168794
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 62.8 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

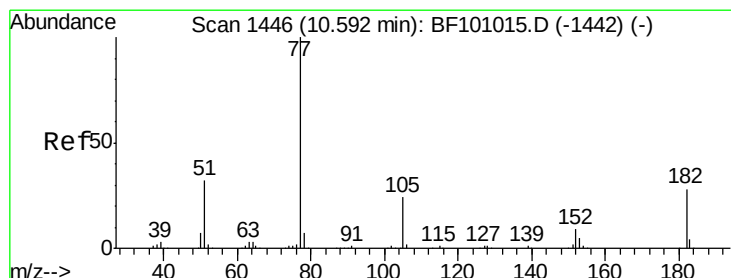
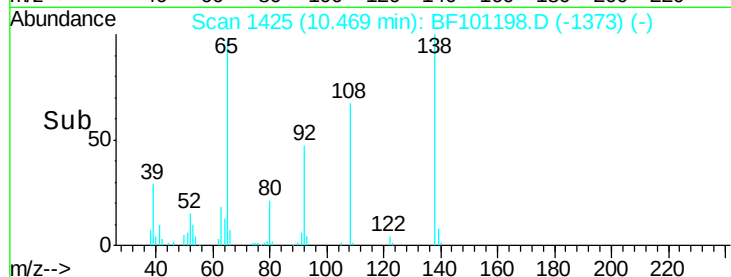
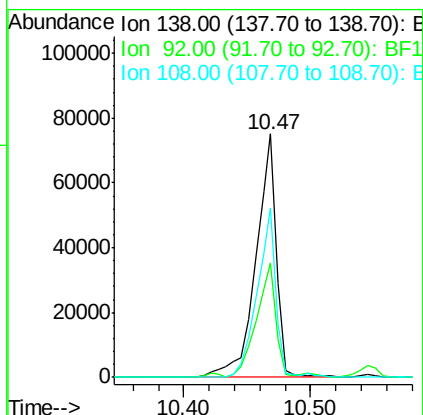
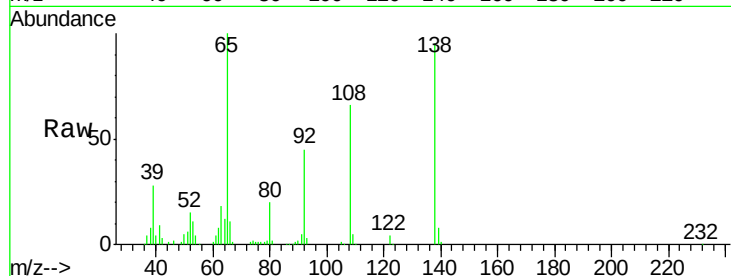




#61
4-Nitroaniline
Concen: 37.897 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

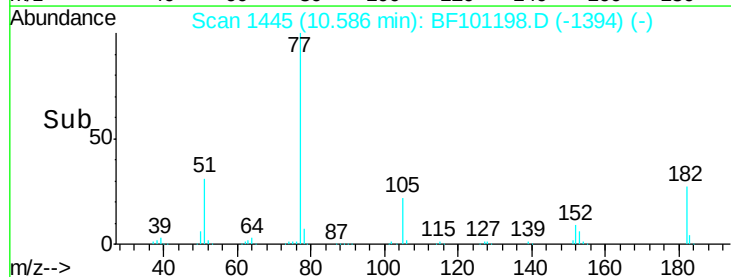
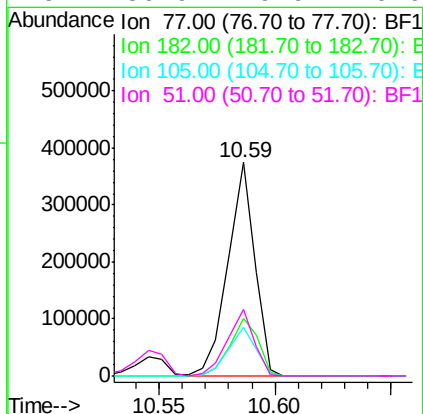
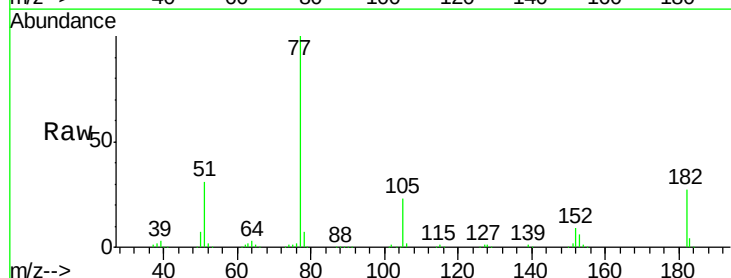
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

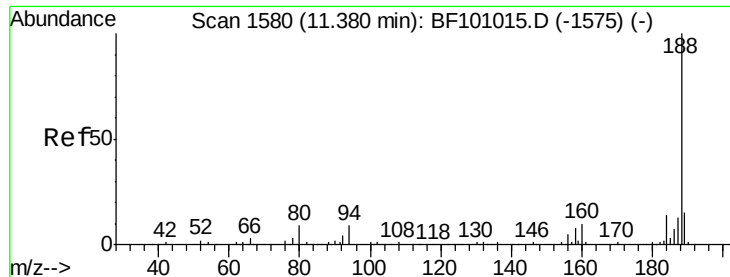
Tot Ion:138 Resp: 85485
Ion Ratio Lower Upper
138 100
92 47.2 30.2 70.2
108 69.6 52.5 92.5



#62
Azobenzene
Concen: 39.523 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion: 77 Resp: 303515
Ion Ratio Lower Upper
77 100
182 27.0 1.7 41.7
105 23.0 3.0 43.0
51 30.9 9.9 49.9

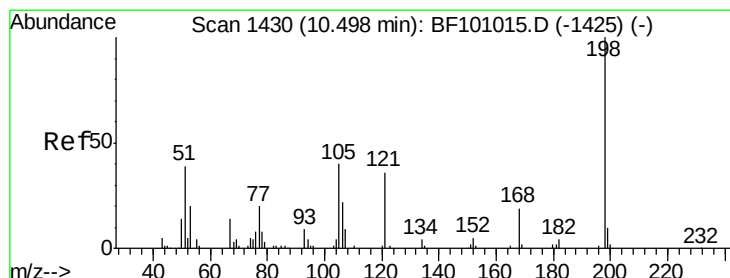
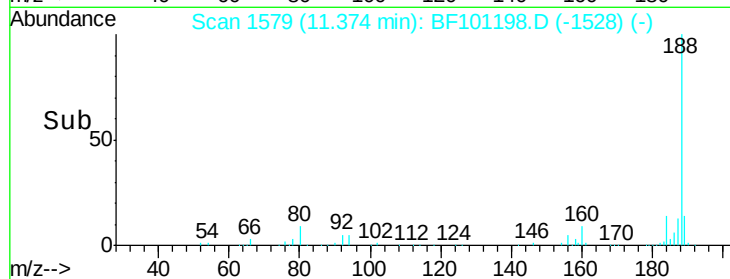
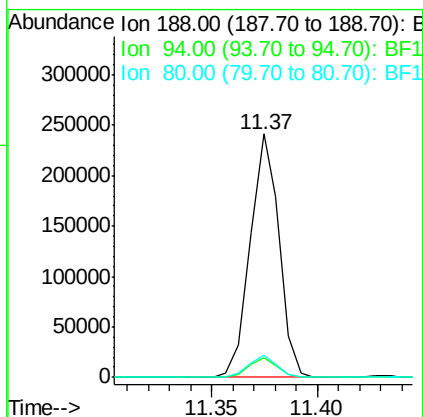
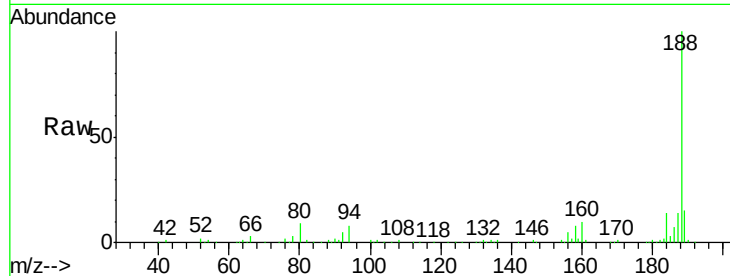




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

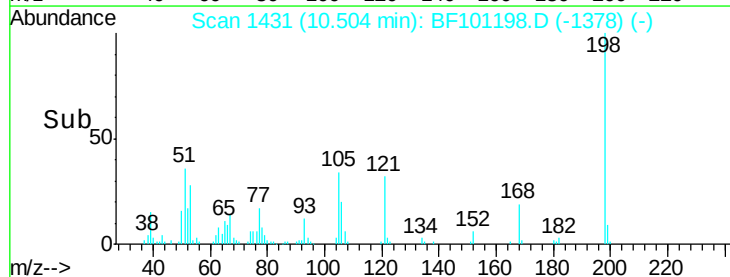
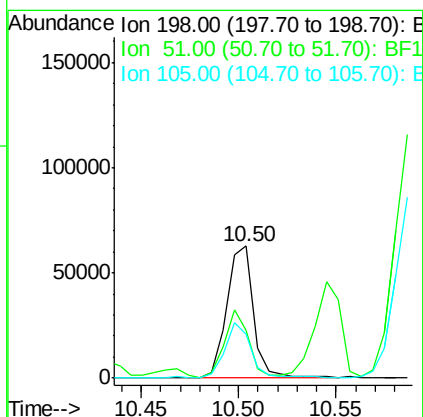
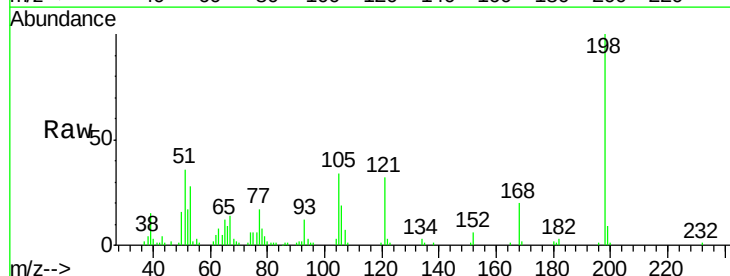
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

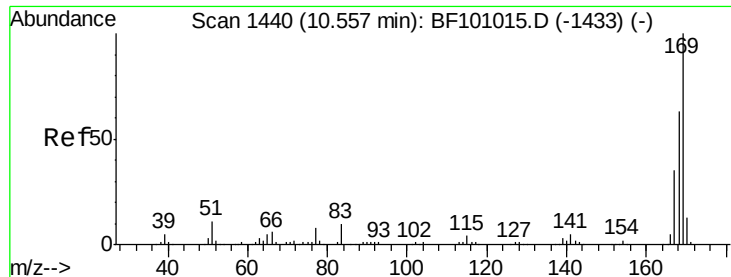
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.3	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.952 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.3	37.7	77.7#
105	33.5	36.3	76.3#

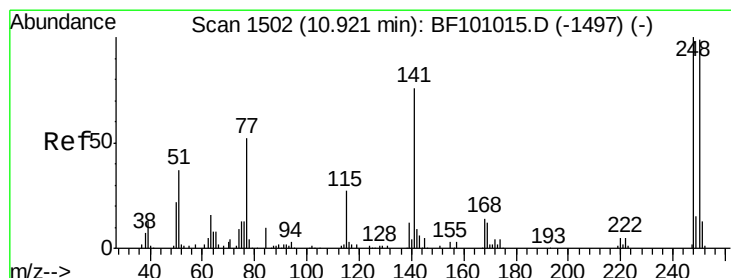
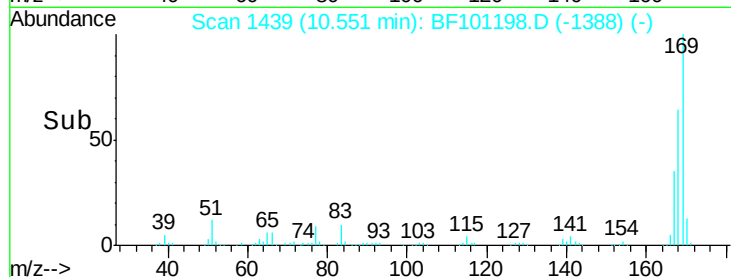
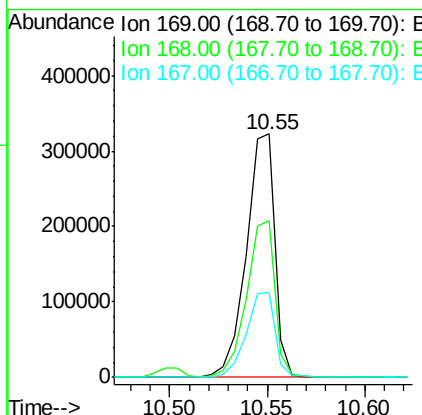
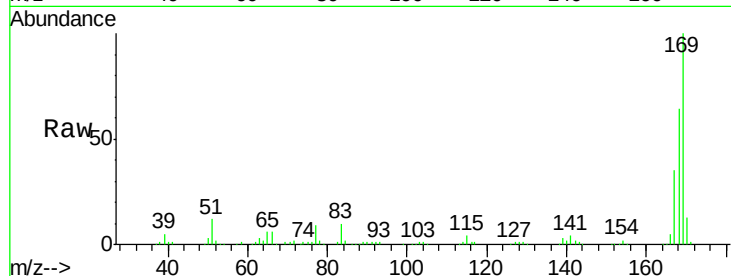




#65
 n-Nitrosodiphenylamine
 Concen: 40.511 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

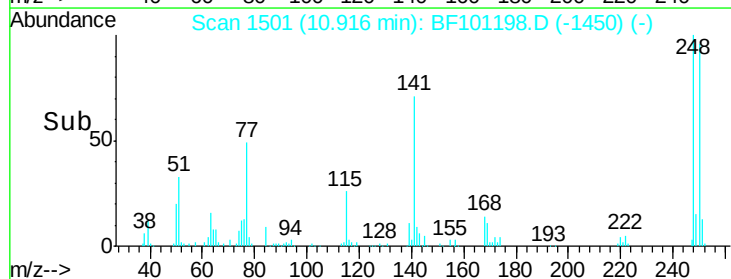
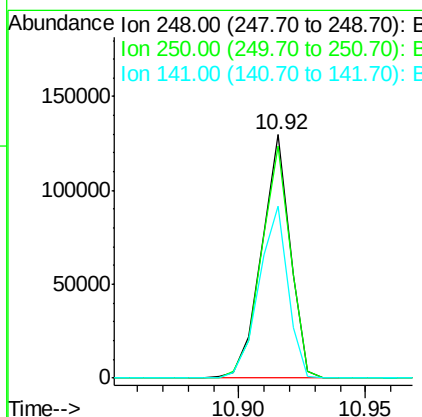
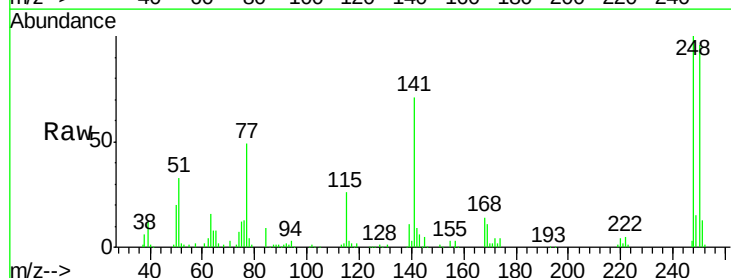
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

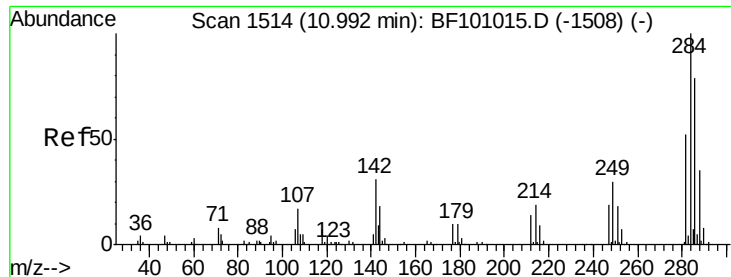
Tot Ion:169 Resp: 326704
 Ion Ratio Lower Upper
 169 100
 168 64.1 54.4 81.6
 167 34.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.229 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Tgt Ion:248 Resp: 102935
 Ion Ratio Lower Upper
 248 100
 250 95.5 76.9 115.3
 141 70.7 74.4 111.6#

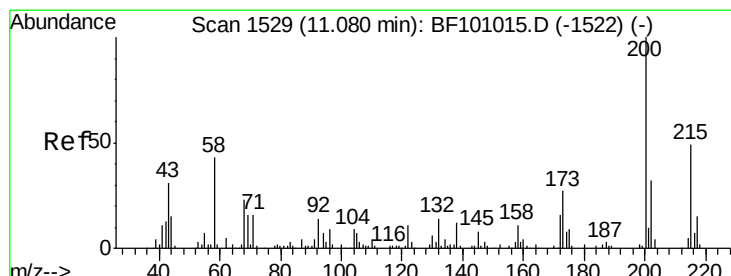
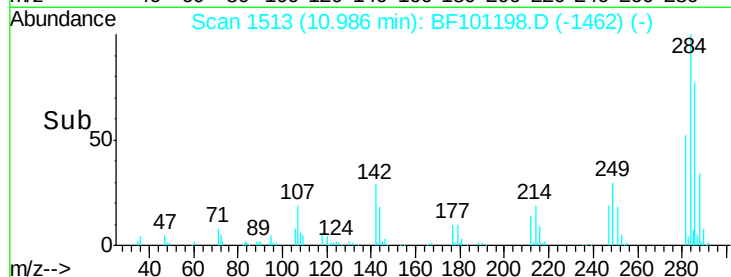
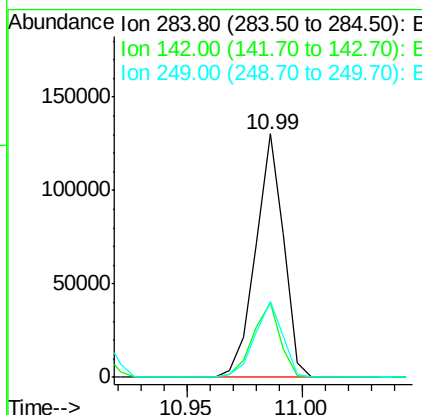
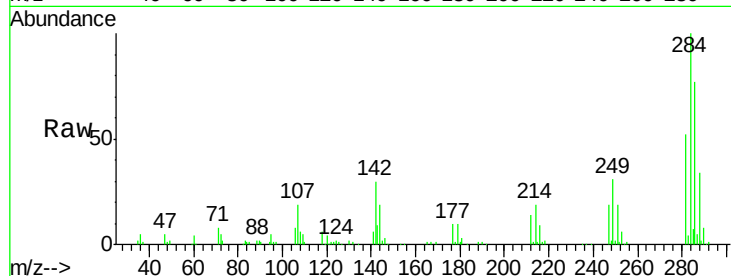




#67
Hexachlorobenzene
Concen: 40.211 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

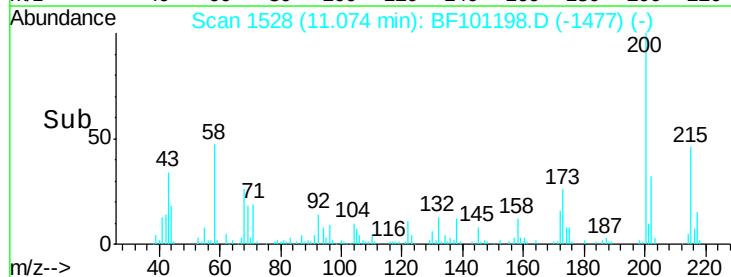
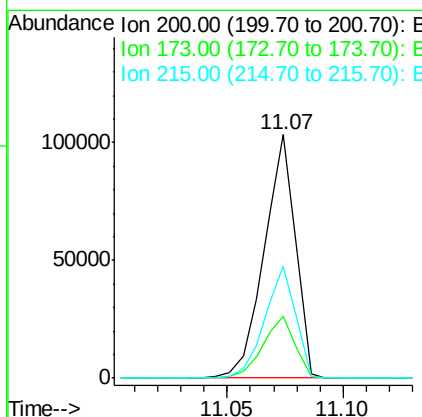
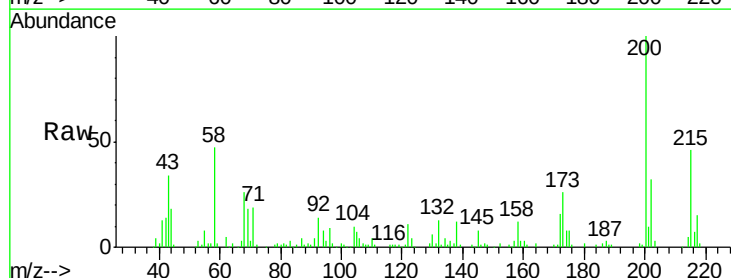
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

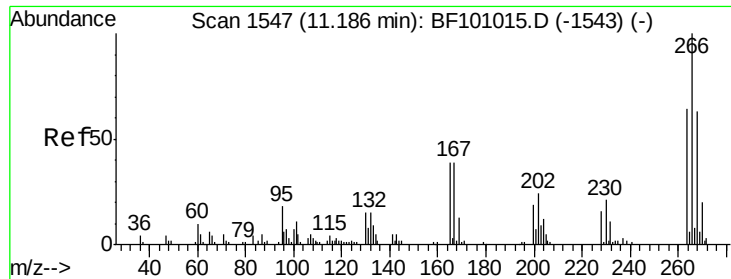
Tot Ion:284 Resp: 110271
Ion Ratio Lower Upper
284 100
142 30.4 34.6 52.0#
249 31.0 24.8 37.2



#68
Atrazine
Concen: 39.159 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:200 Resp: 96872
Ion Ratio Lower Upper
200 100
173 25.6 8.6 48.6
215 45.8 25.1 65.1

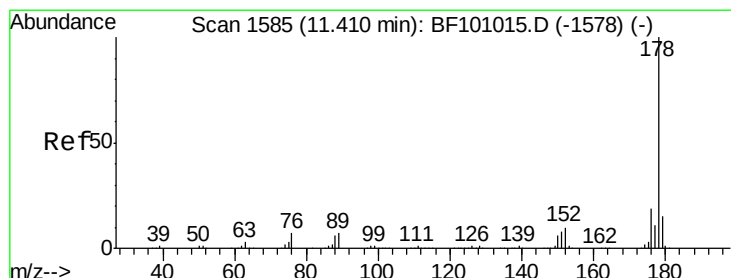
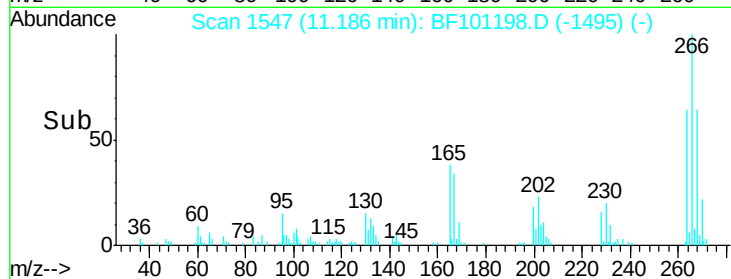
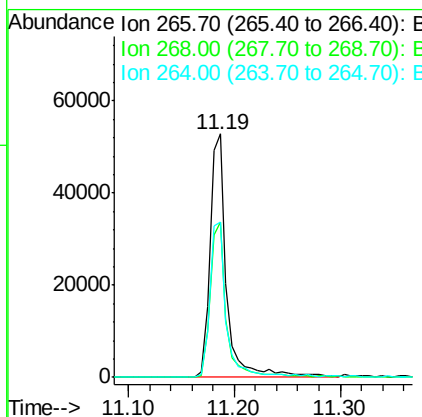
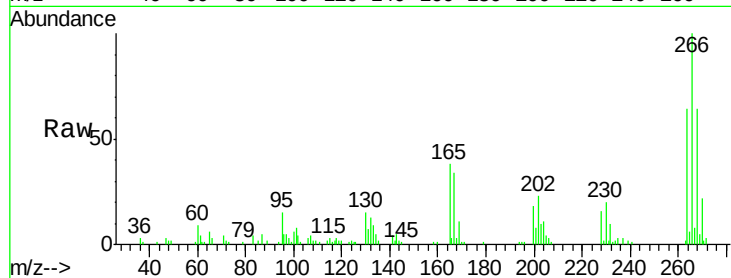




#69
 Pentachlorophenol
 Concen: 38.778 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

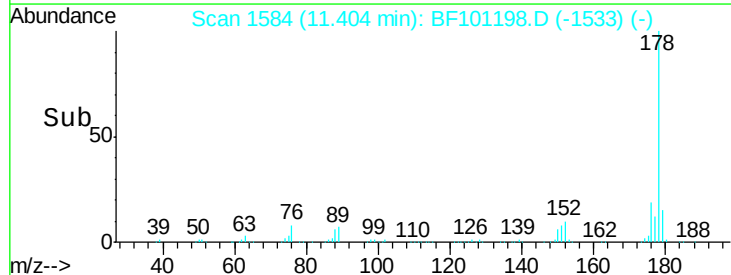
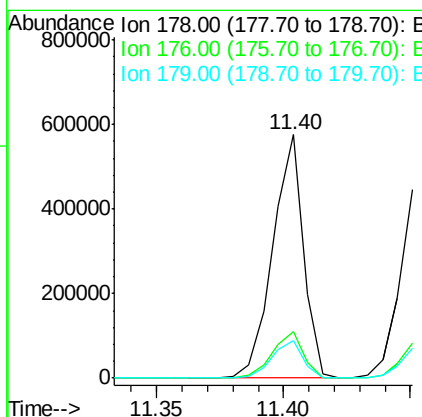
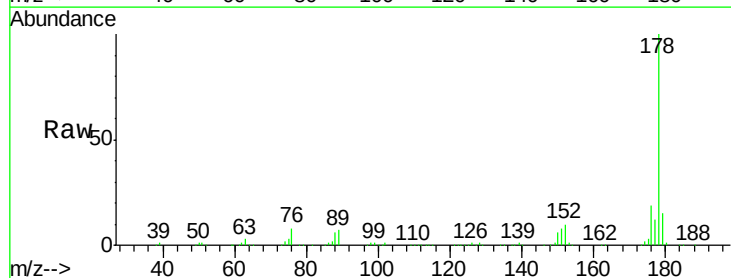
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

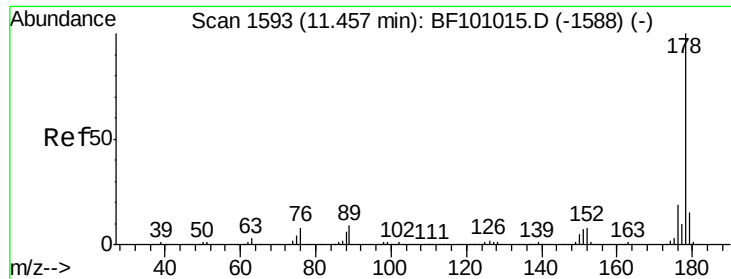
Tot Ion:266 Resp: 58471
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 64.0 49.5 74.3



#70
 Phenanthrene
 Concen: 38.910 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Tgt Ion:178 Resp: 489820
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.3 13.0 19.6

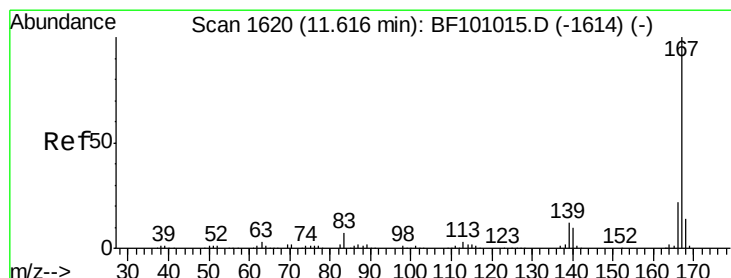
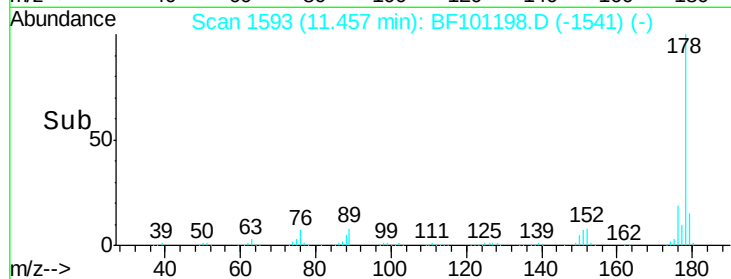
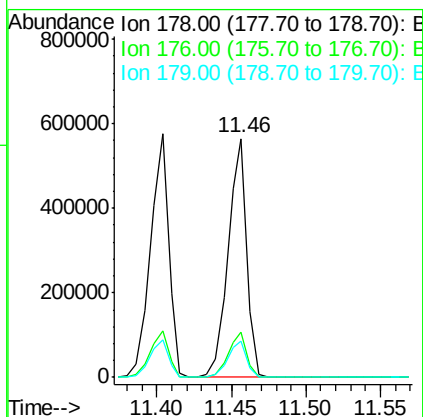
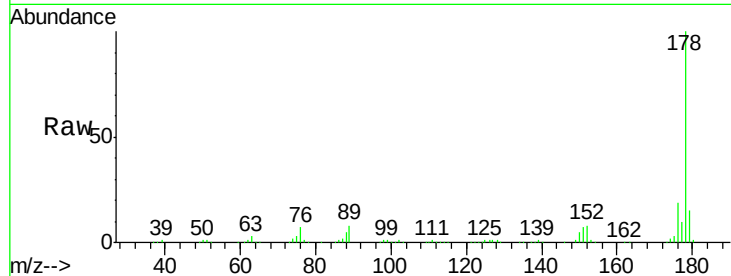




#71
 Anthracene
 Concen: 39.205 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

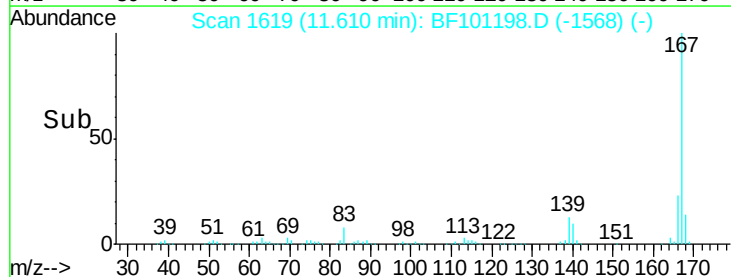
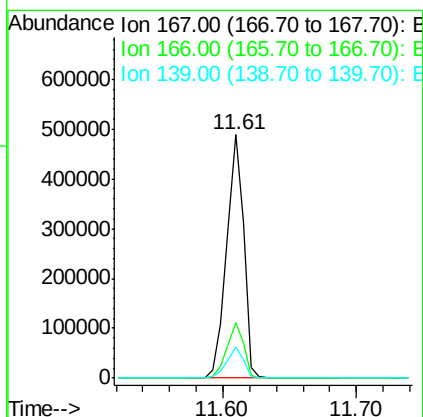
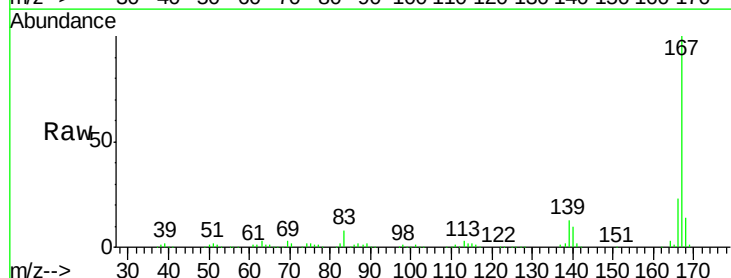
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

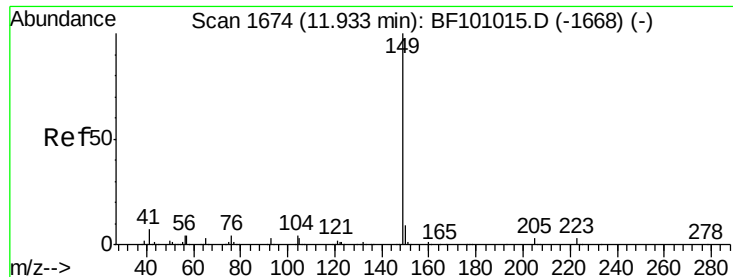
Tot Ion:178 Resp: 499508
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 38.223 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Tgt Ion:167 Resp: 444950
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.600 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

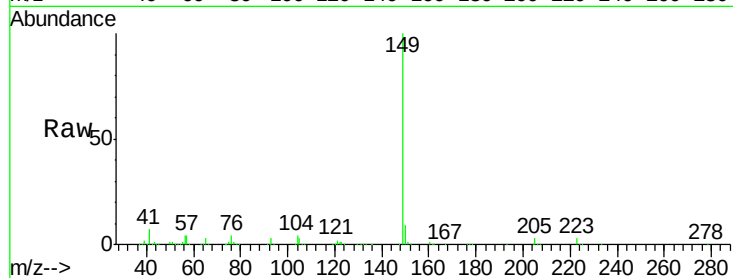
Tot Ion:149 Resp: 577798

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

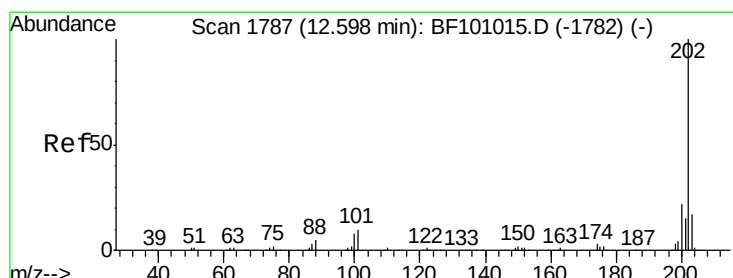
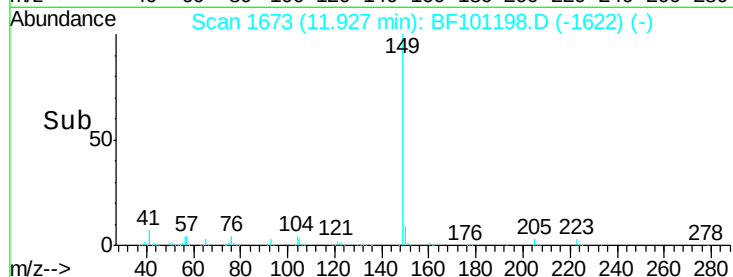
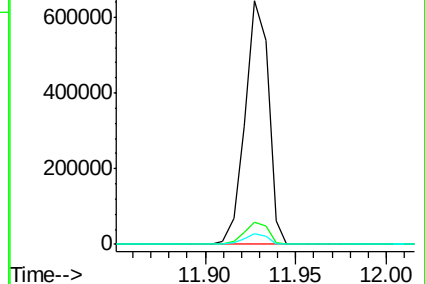
104 4.3 3.8 5.8



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: 37.240 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

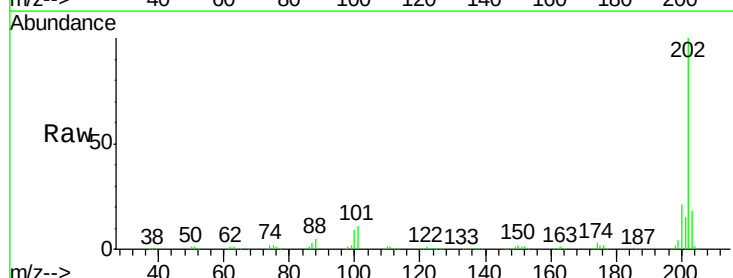
Tgt Ion:202 Resp: 519666

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

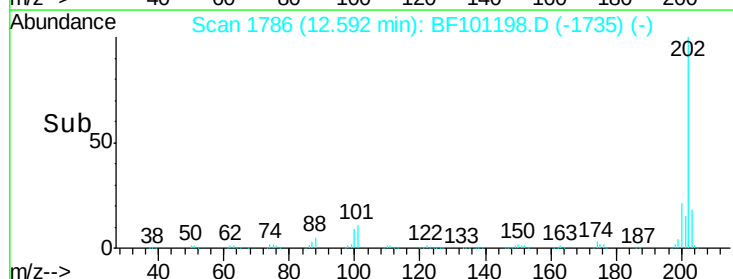
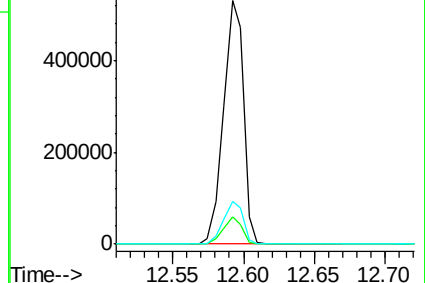
203 17.8 0.0 38.1

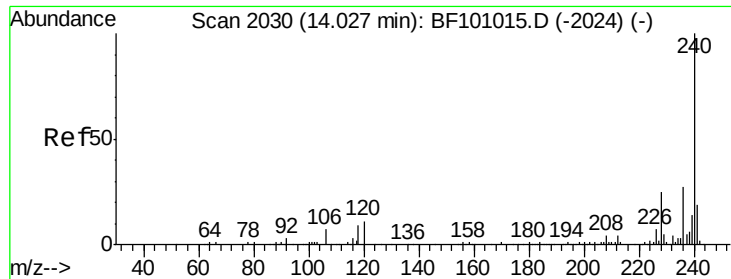


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

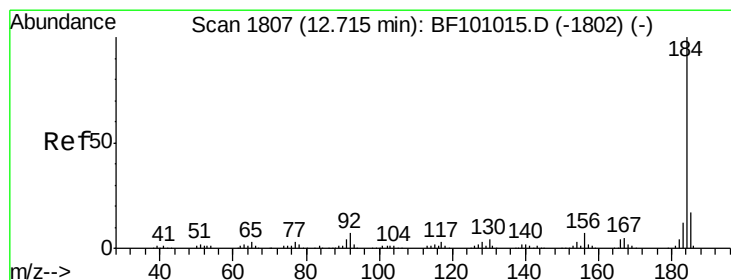
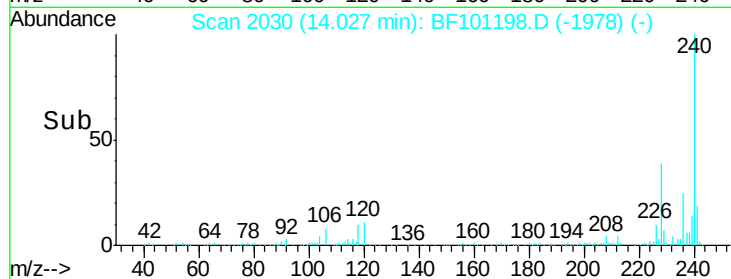
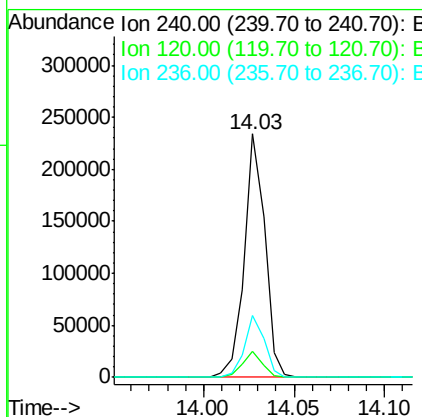
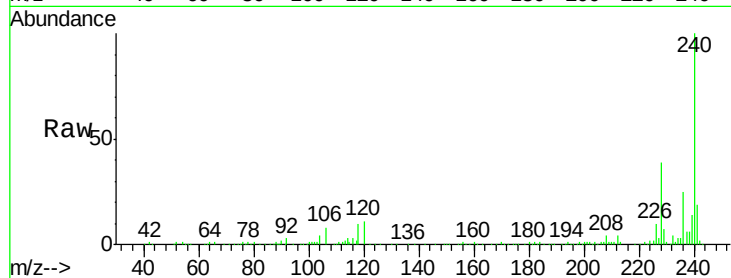




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

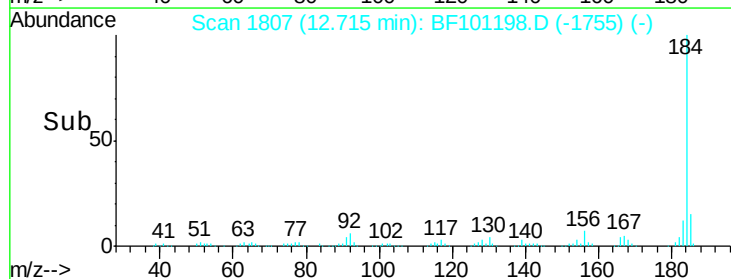
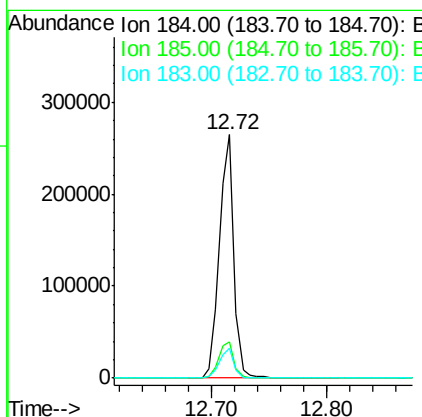
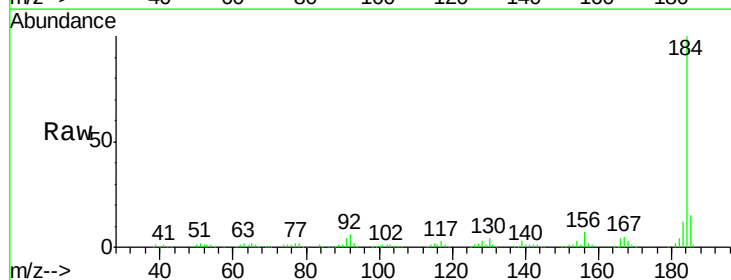
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

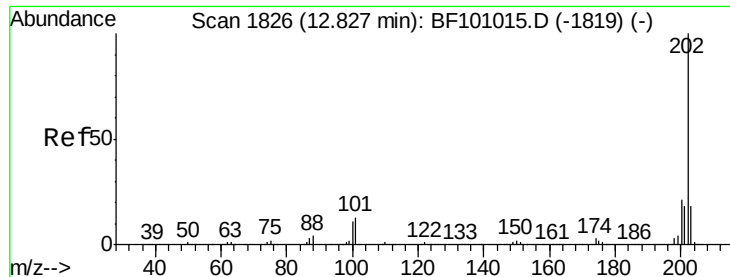
Tot Ion:240 Resp: 184016
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.4 20.7 31.1



#76
Benzidine
Concen: 38.642 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:184 Resp: 231231
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 12.1 9.3 13.9

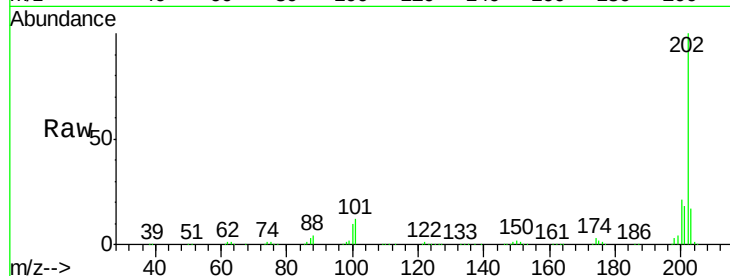




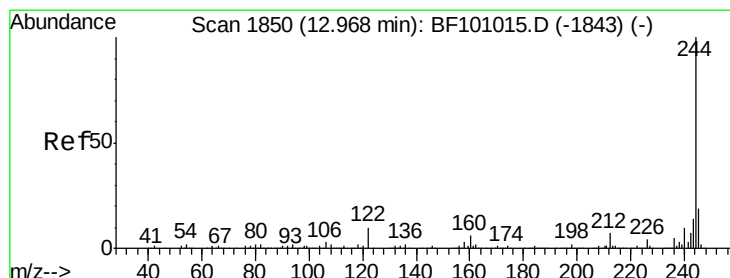
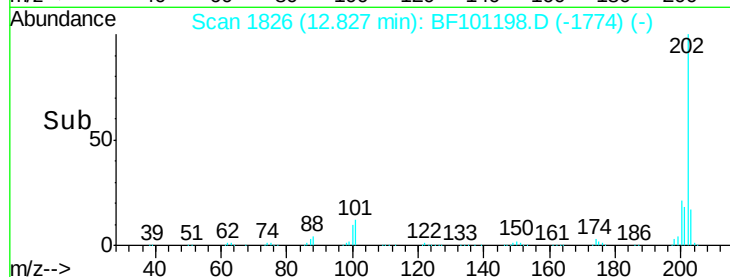
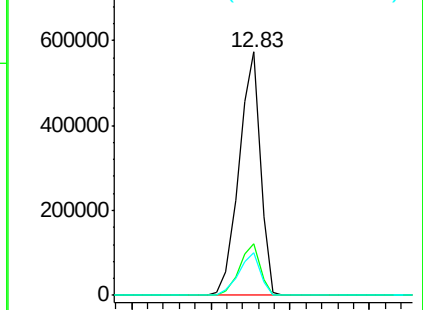
#77
Pvrene
Concen: 41.979 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.4	14.3	21.5

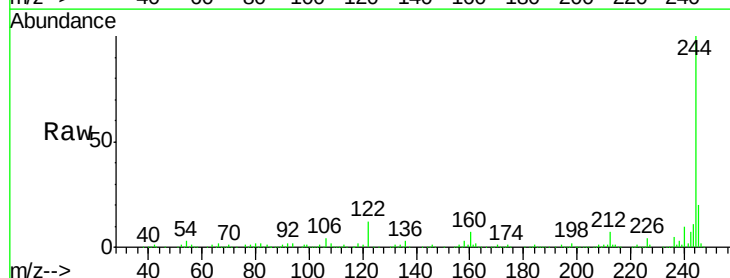


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

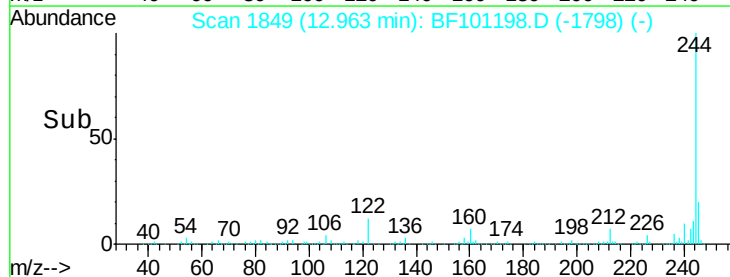
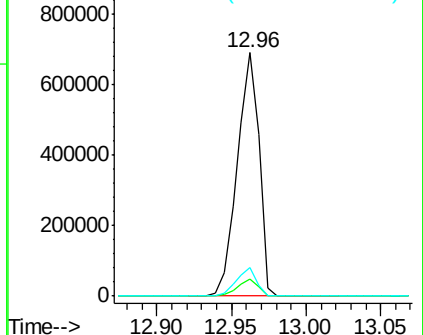


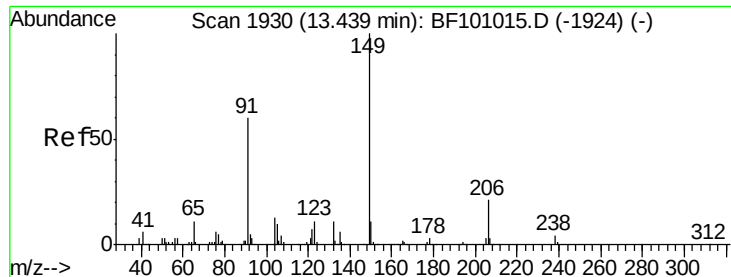
#78
Terphenyl-d14
Concen: 83.895 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.9	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

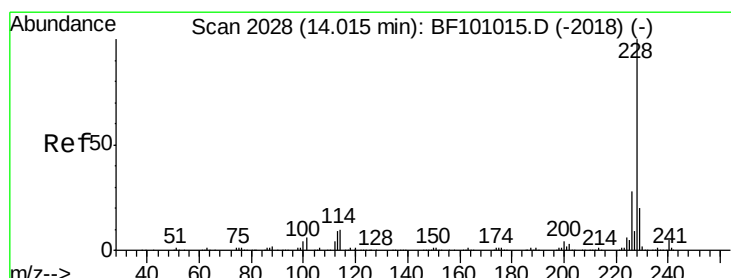
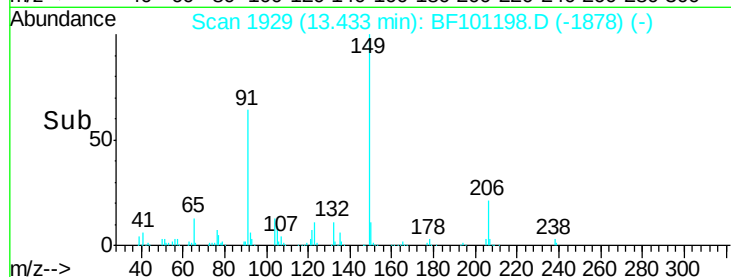
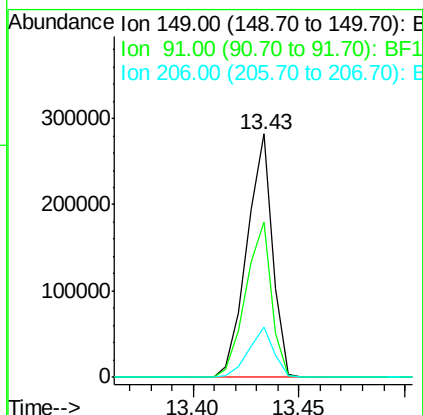
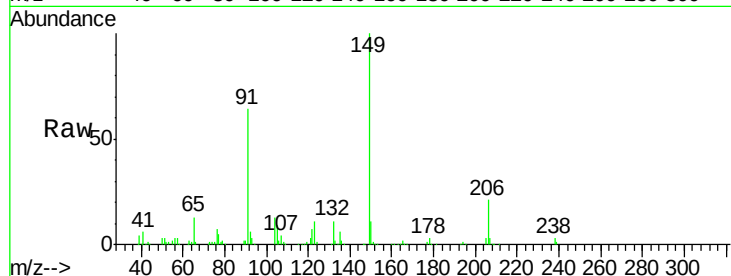




#79
Butylbenzylphthalate
Concen: 42.411 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

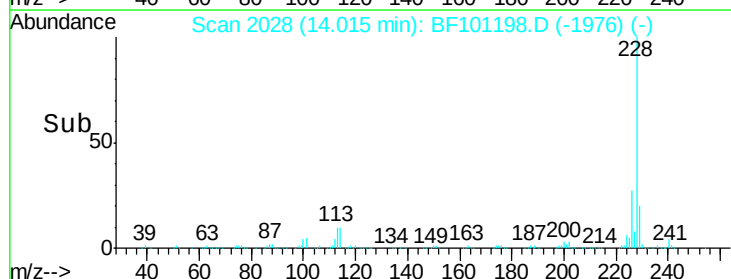
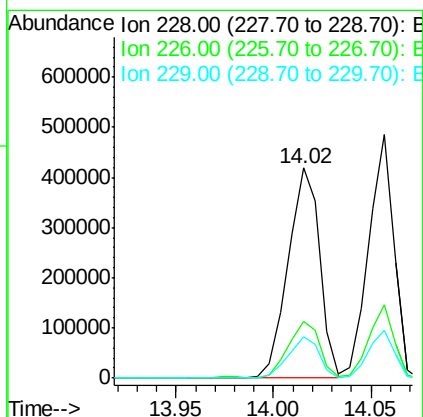
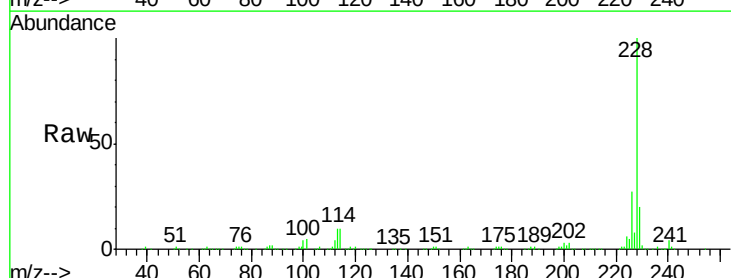
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

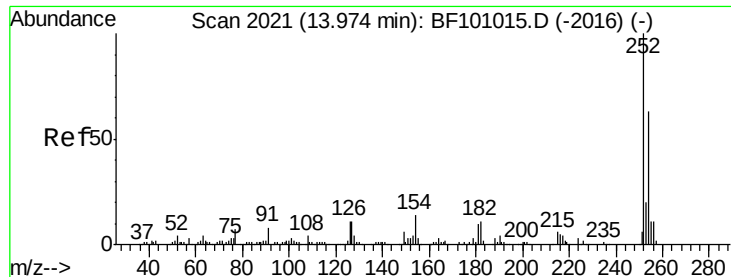
Tot Ion:149 Resp: 237426
Ion Ratio Lower Upper
149 100
91 63.8 56.8 85.2
206 20.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.154 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:228 Resp: 466530
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.6 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 39.623 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

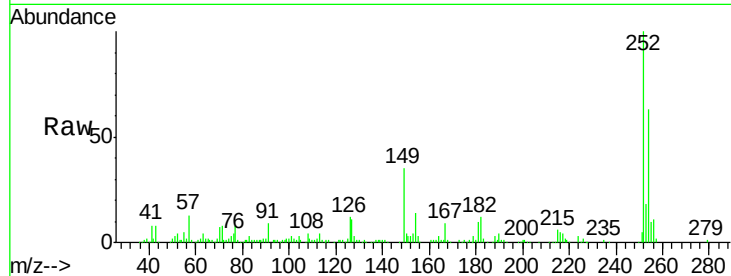
Tot Ion:252 Resp: 159434

Ion Ratio Lower Upper

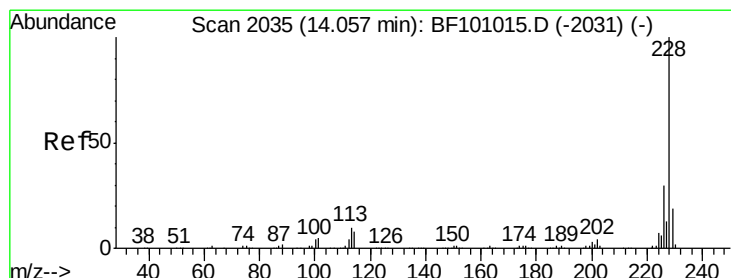
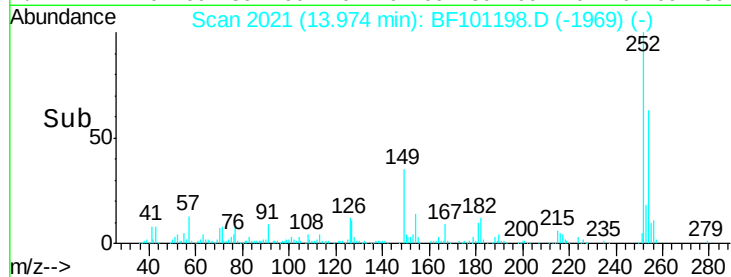
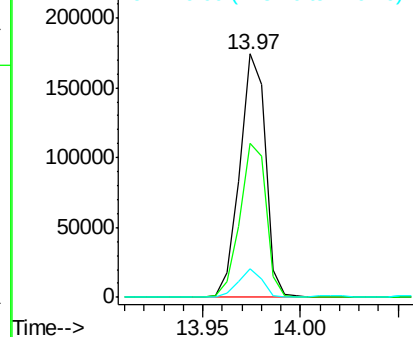
252 100

254 63.2 50.4 75.6

126 11.6 11.3 16.9



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



#82

Chrysene

Concen: 40.357 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

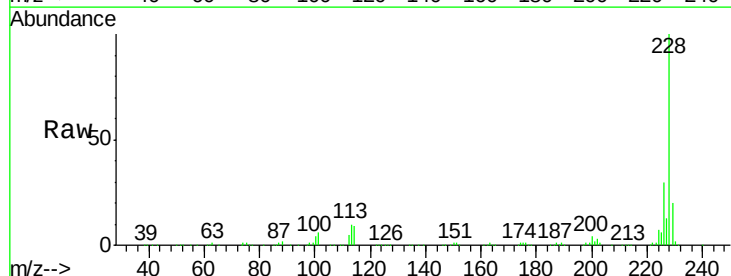
Tgt Ion:228 Resp: 435465

Ion Ratio Lower Upper

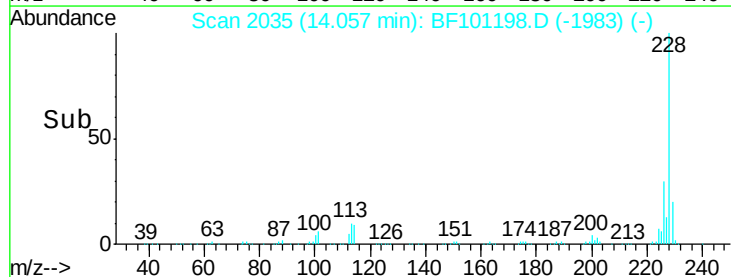
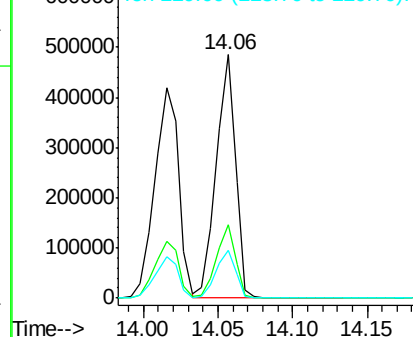
228 100

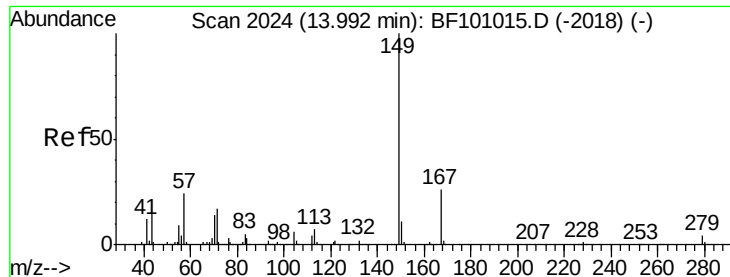
226 30.0 25.0 37.6

229 19.8 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.914 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

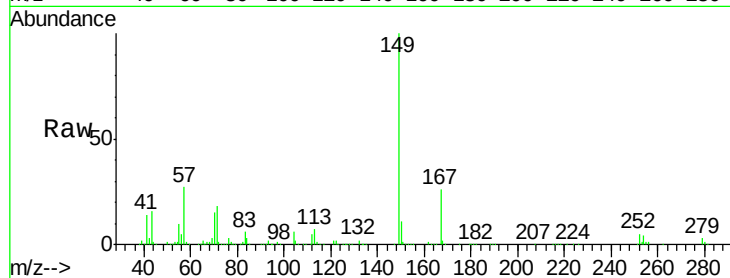
Tot Ion:149 Resp: 326587

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

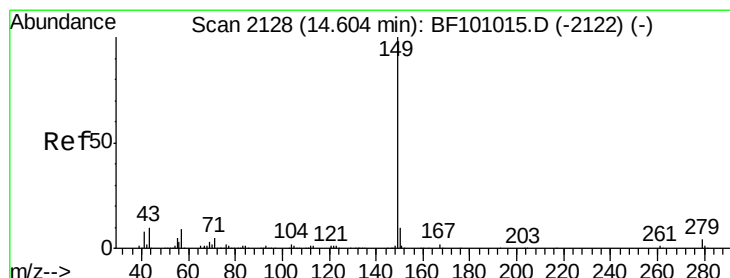
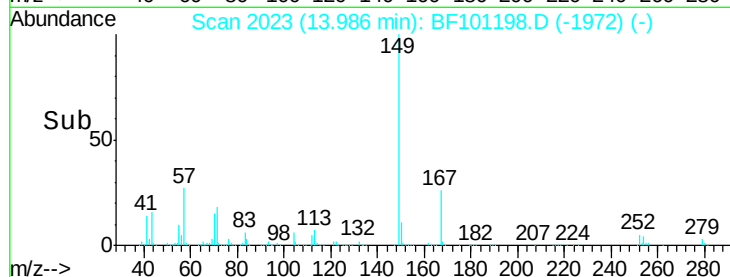
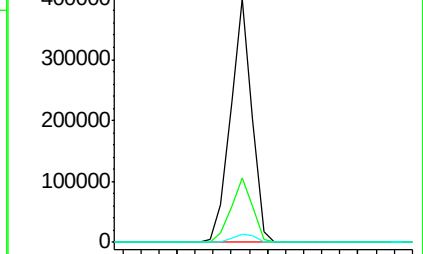
279 3.5 3.0 4.4



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: 40.394 ng

RT: 14.60 min Scan# 2128

Delta R.T. 0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

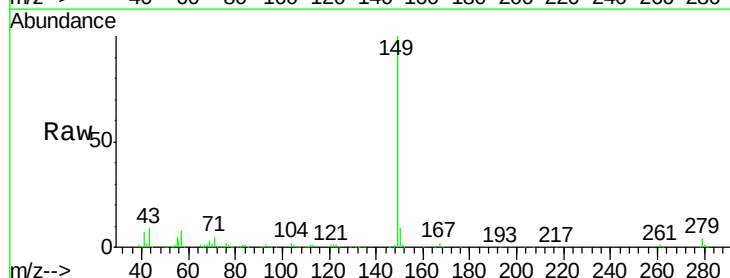
Tgt Ion:149 Resp: 536853

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

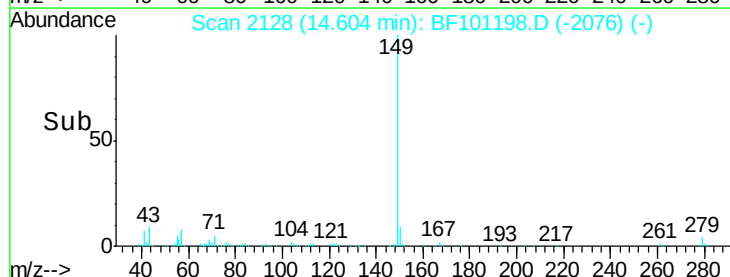
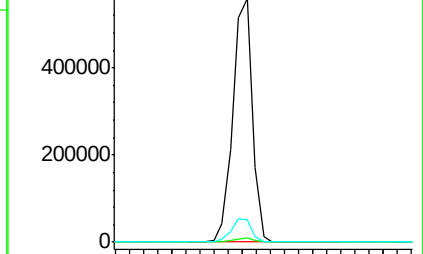
43 9.8 8.4 12.6

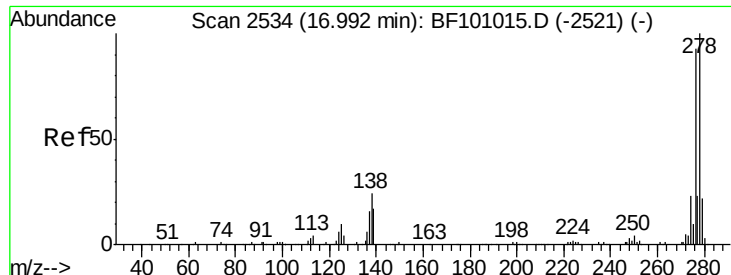


Abundance Ion 149.00 (148.70 to 149.70): E

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: 34.825 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.03 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

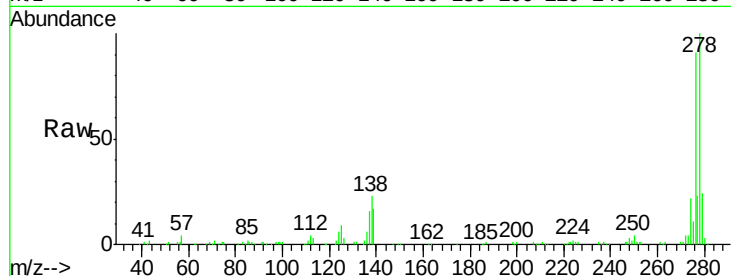
Tot Ion:276 Resp: 334076

Ion Ratio Lower Upper

276 100

138 22.9 25.0 37.6#

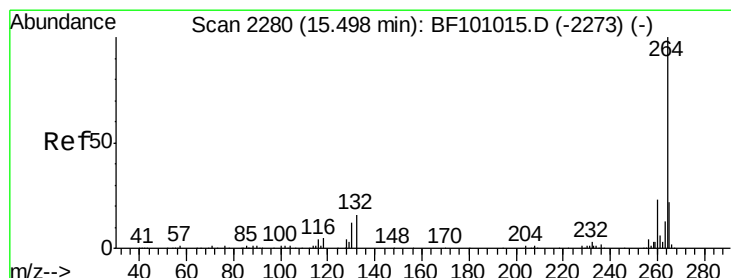
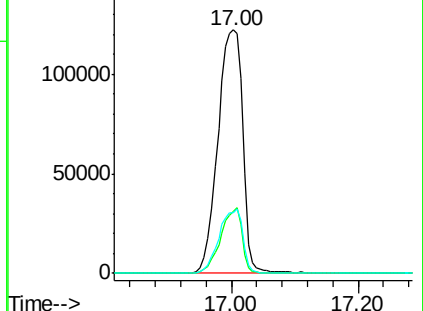
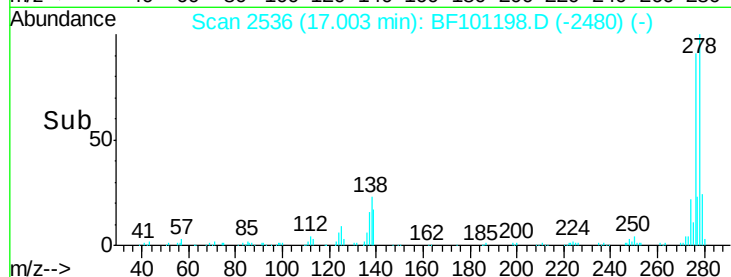
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF101198.D

Acq: 7 Dec 2017 12:01

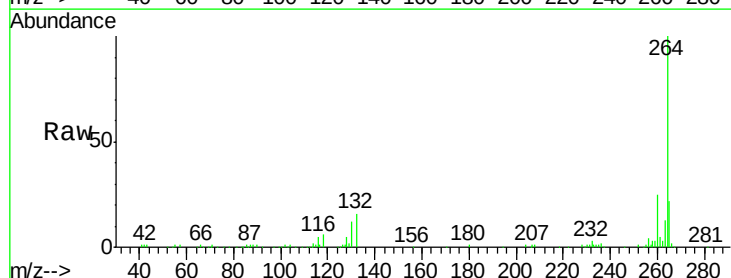
Tgt Ion:264 Resp: 161666

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

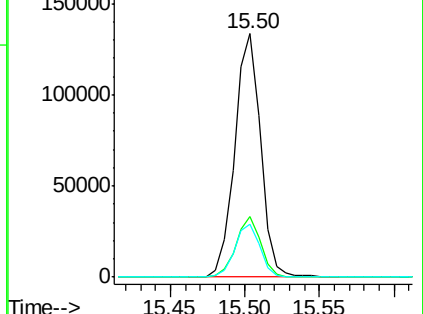
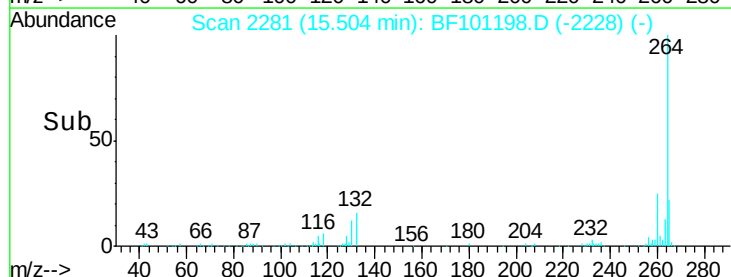
265 21.8 17.5 26.3

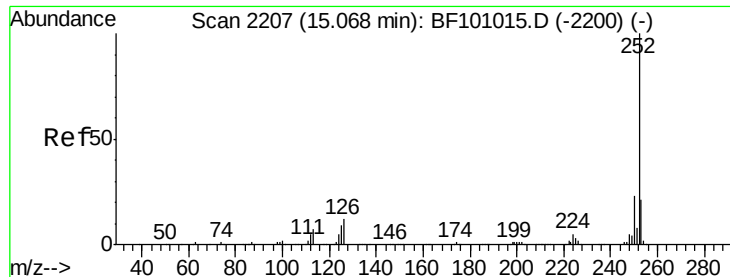


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

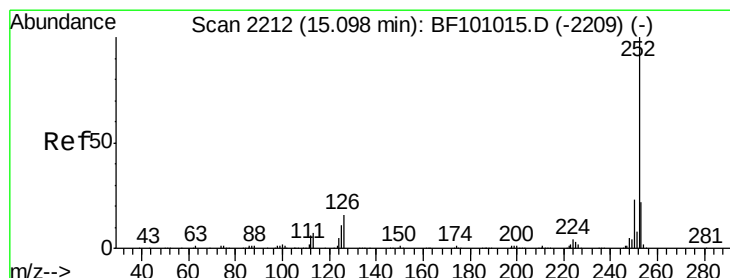
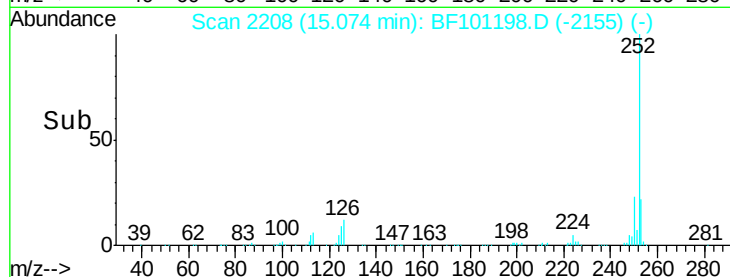
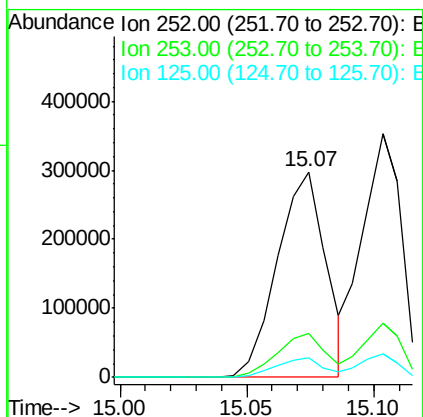
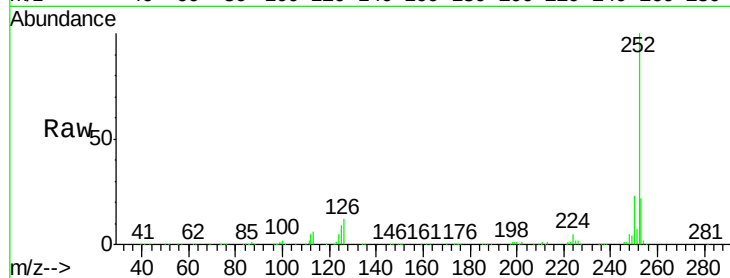




#87
Benzo(b)fluoranthene
Concen: 40.967 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

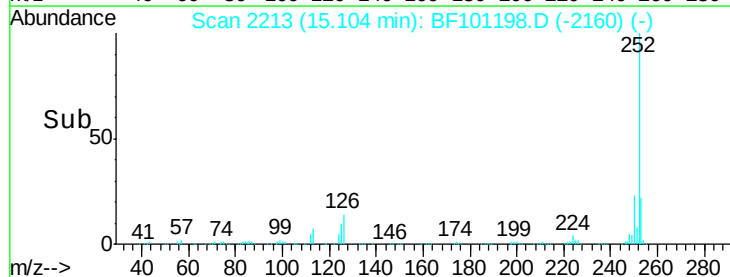
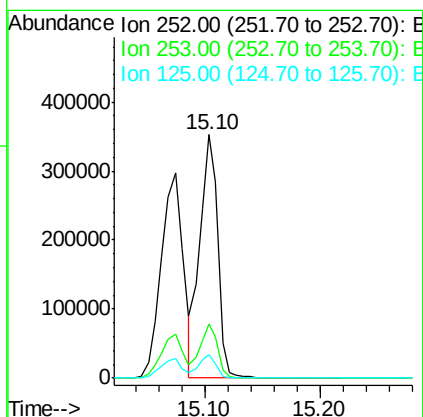
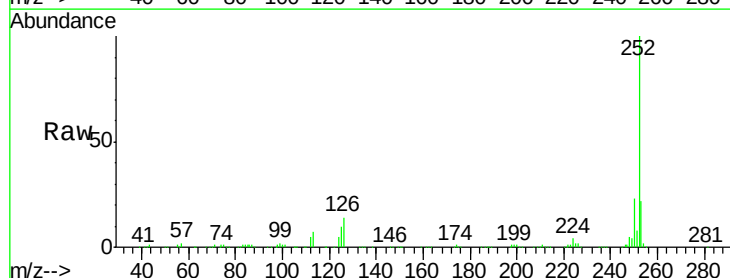
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

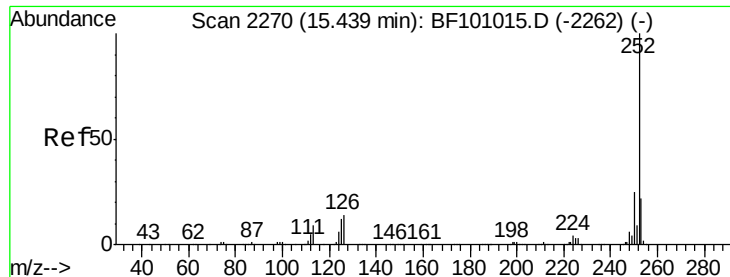
Tot Ion:252 Resp: 396695
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 9.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.472 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion:252 Resp: 386111
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.8 10.2 15.2#

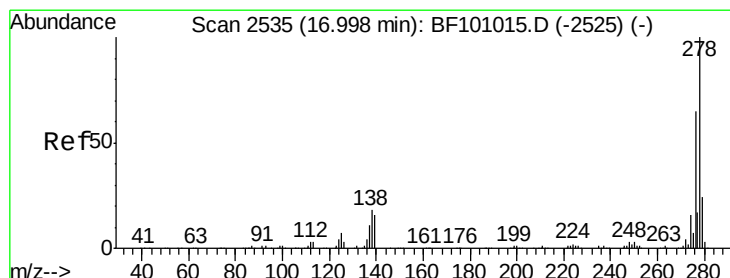
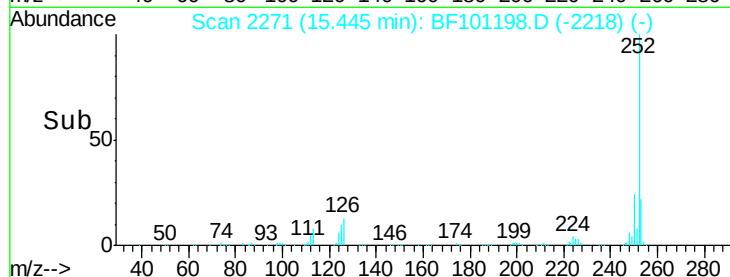
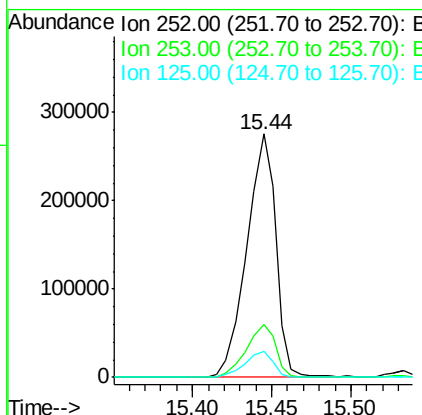
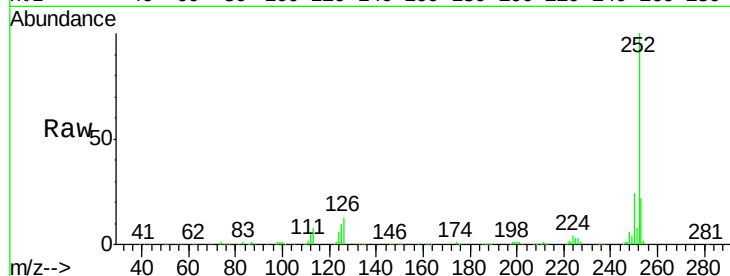




#89
Benzo(a)pyrene
Concen: 39.947 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

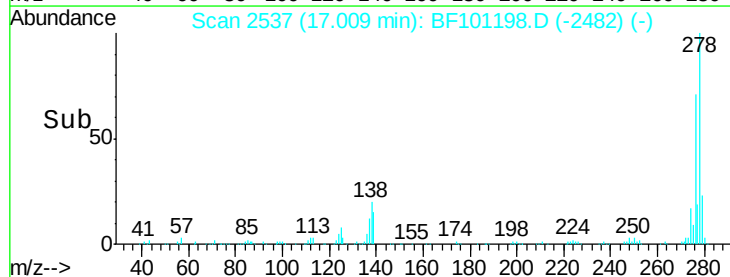
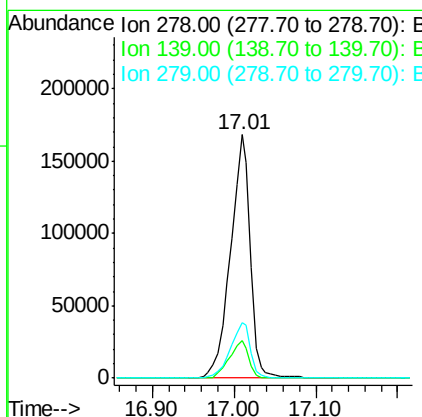
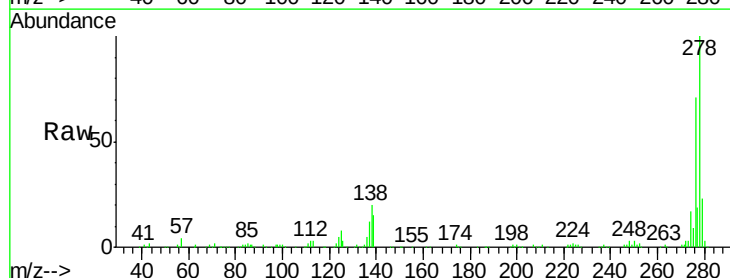
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

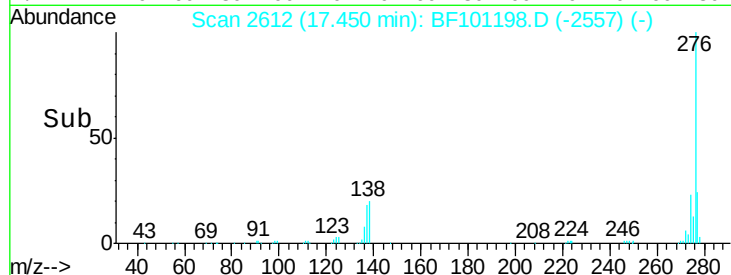
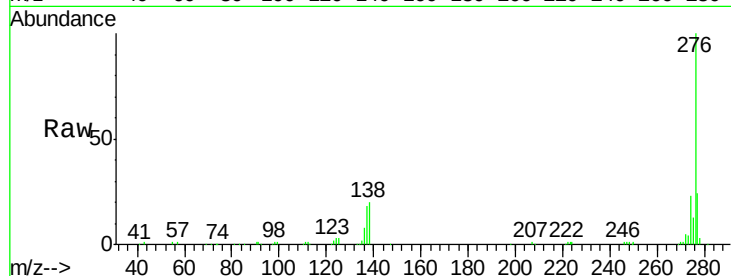
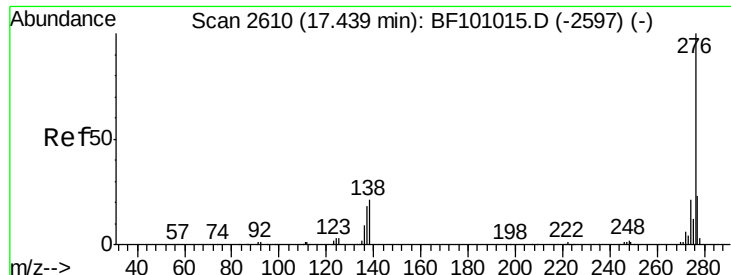
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.4	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 36.590 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.02 min
Lab File: BF101198.D
Acq: 7 Dec 2017 12:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.9	23.9#
279	22.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.960 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.02 min
 Lab File: BF101198.D
 Acq: 7 Dec 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	19.9	21.8	32.8

