

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101078.D
 Acq On : 1 Dec 2017 21:58
 Operator : SJ/JU
 Sample : I6622-12MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

Quant Time: Dec 02 00:35:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	49944	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	191158	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	85737	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	138619	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106725	20.00	ng	0.00
86) Perylene-d12	15.49	264	98227	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	410744	135.90	ng	0.02
7) Phenol-d6	6.52	99	495268	134.97	ng	0.04
23) Nitrobenzene-d5	7.42	82	307690	96.02	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	117245	113.84	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	622891	99.40	ng	0.00
78) Terphenyl-d14	12.96	244	459264	94.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	45943	36.760	ng	# 95
3) Pyridine	3.47	79	129140	39.859	ng	94
4) n-Nitrosodimethylamine	3.40	42	77937	49.251	ng	# 76
6) Aniline	6.52	93	70721	14.821	ng	# 30
8) 2-Chlorophenol	6.65	128	146863	44.565	ng	98
9) Benzaldehyde	6.40	77	65678	29.243	ng	96
10) Phenol	6.53	94	185965	45.577	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	136484	44.595	ng	99
12) 1,3-Dichlorobenzene	6.79	146	167850	43.742	ng	99
13) 1,4-Dichlorobenzene	6.87	146	170495	42.915	ng	96
14) 1,2-Dichlorobenzene	7.02	146	155453	41.950	ng	97
15) Benzyl Alcohol	7.02	79	124173	43.813	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	213661	51.359	ng	# 18
17) 2-Methylphenol	7.12	107	120216	45.176	ng	# 90
18) Hexachloroethane	7.36	117	48145	37.720	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	105080	42.520	ng	95
20) 3+4-Methylphenols	7.28	107	161226	46.457	ng	92
22) Acetophenone	7.26	105	205119	44.415	ng	99
24) Nitrobenzene	7.44	77	148356	47.237	ng	95
25) Isophorone	7.68	82	272399	49.766	ng	98
26) 2-Nitrophenol	7.75	139	73851	42.835	ng	94
27) 2,4-Dimethylphenol	7.79	122	133344	53.466	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	174104	47.326	ng	97
29) 2,4-Dichlorophenol	8.00	162	131649	48.494	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	137283	45.989	ng	97
31) Naphthalene	8.16	128	424688	45.078	ng	99
32) Benzoic acid	7.87	122	9439	4.866	ng	96
33) 4-Chloroaniline	8.20	127	57942	15.306	ng	97
34) Hexachlorobutadiene	8.26	225	80008	43.700	ng	99
35) Caprolactam	8.58	113	33974	40.157	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	129465	46.039	ng	99
37) 2-Methylnaphthalene	8.85	142	292627	45.712	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	132914	42.674	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	20164	24.119	ng	99

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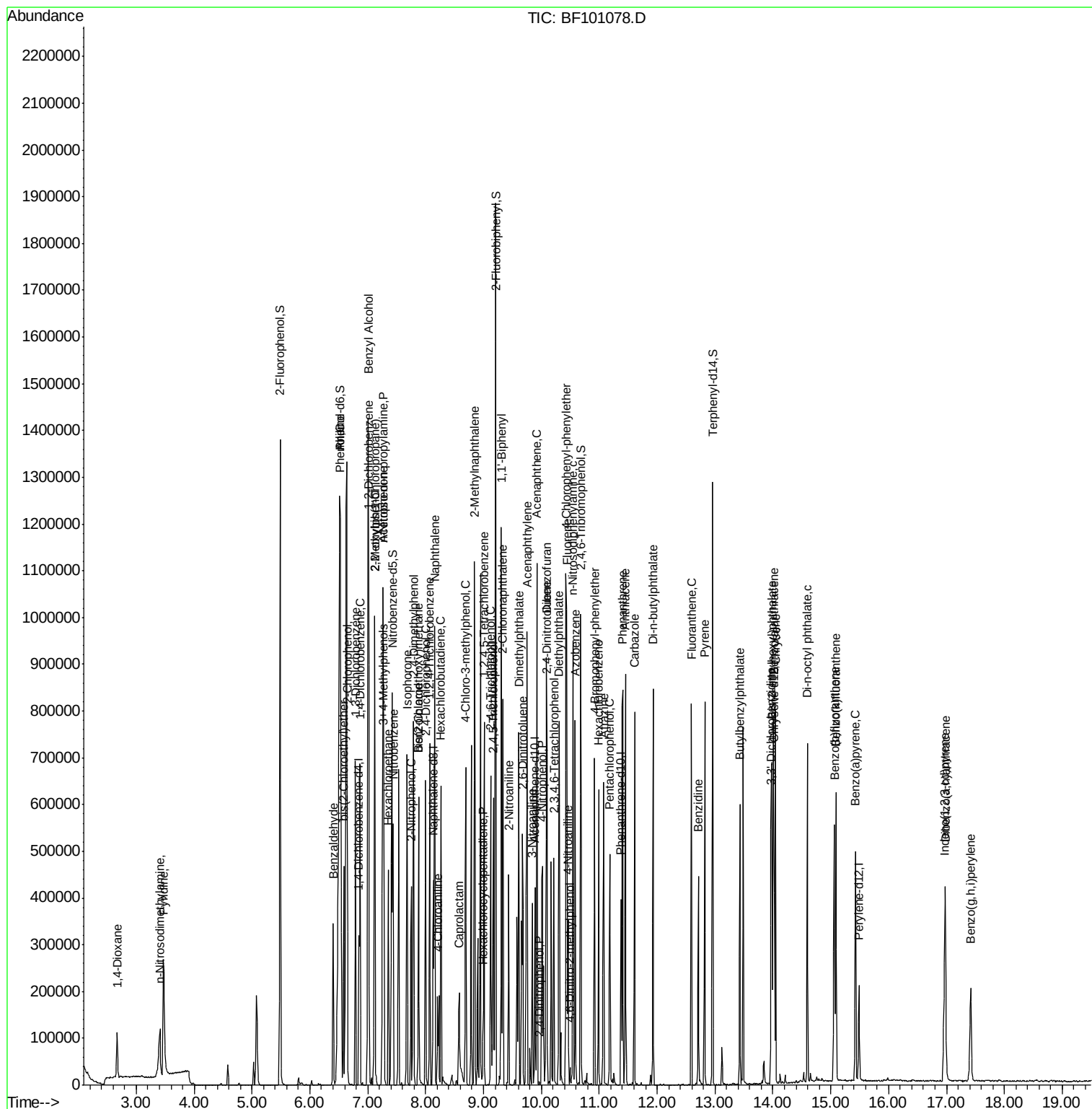
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	88817	48.645	nq	100
43) 2,4,5-Trichlorophenol	9.17	196	90845	46.540	nq	96
45) 1,1'-Biphenyl	9.31	154	335637	42.728	nq	97
46) 2-Chloronaphthalene	9.34	162	265699	47.628	nq	94
47) 2-Nitroaniline	9.43	65	78034	47.279	nq	99
48) Acenaphthylene	9.75	152	397245	43.330	nq	99
49) Dimethylphthalate	9.61	163	360775	52.177	nq	99
50) 2,6-Dinitrotoluene	9.67	165	68012	46.700	nq	97
51) Acenaphthene	9.92	154	231027	42.084	nq	98
52) 3-Nitroaniline	9.85	138	58087	35.467	nq	93
53) 2,4-Dinitrophenol	9.96	184	1723	6.989	nq	# 15
54) Dibenzofuran	10.09	168	346585	43.810	nq	100
55) 4-Nitrophenol	10.02	139	85660	77.555	nq	92
56) 2,4-Dinitrotoluene	10.08	165	84363	43.224	nq	95
57) Fluorene	10.44	166	267664	41.621	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	63961	40.925	nq	# 85
59) Diethylphthalate	10.31	149	306466	44.936	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	135131	42.557	nq	92
61) 4-Nitroaniline	10.46	138	61508	36.179	nq	90
62) Azobenzene	10.59	77	244942	42.320	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	4889	5.258	nq	93
65) n-Nitrosodiphenylamine	10.54	169	251511	51.430	nq	96
66) 4-Bromophenyl-phenylether	10.92	248	79287	51.100	nq	89
67) Hexachlorobenzene	10.99	284	79955	48.081	nq	# 89
68) Atrazine	11.07	200	77439	51.623	nq	97
69) Pentachlorophenol	11.18	266	58241	63.697	nq	96
70) Phenanthrene	11.40	178	349467	45.780	nq	97
71) Anthracene	11.45	178	352726	45.655	nq	99
72) Carbazole	11.61	167	303703	43.024	nq	98
73) Di-n-butylphthalate	11.93	149	422594	47.762	nq	99
74) Fluoranthene	12.59	202	322085	38.063	nq	94
76) Benzidine	12.71	184	188903	54.431	nq	97
77) Pyrene	12.82	202	324033	44.000	nq	98
79) Butylbenzylphthalate	13.43	149	138051	42.518	nq	94
80) Benzo(a)anthracene	14.01	228	302436	44.882	nq	97
81) 3,3'-Dichlorobenzidine	13.97	252	103585	44.387	nq	# 97
82) Chrysene	14.04	228	285375	45.601	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	195015	42.124	nq	100
84) Di-n-octyl phthalate	14.60	149	336902	43.707	nq	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	219462	39.445	nq	# 92
87) Benzo(b)fluoranthene	15.06	252	277106	47.099	nq	98
88) Benzo(k)fluoranthene	15.09	252	263072	45.384	nq	# 95
89) Benzo(a)pyrene	15.43	252	251708	47.058	nq	99
90) Dibenzo(a,h)anthracene	16.98	278	188955	40.071	nq	# 94
91) Benzo(g,h,i)perylene	17.42	276	172045	38.714	nq	# 93

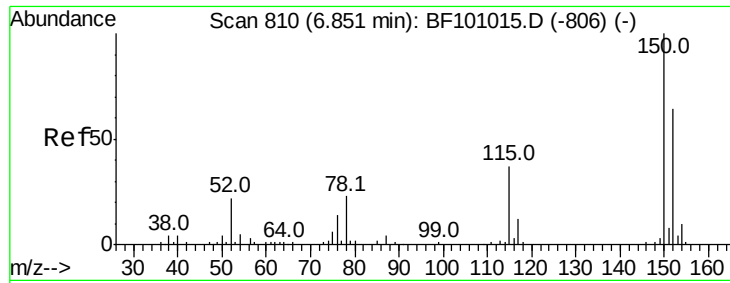
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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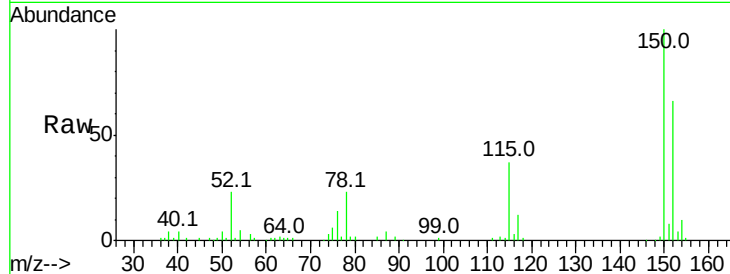


#1

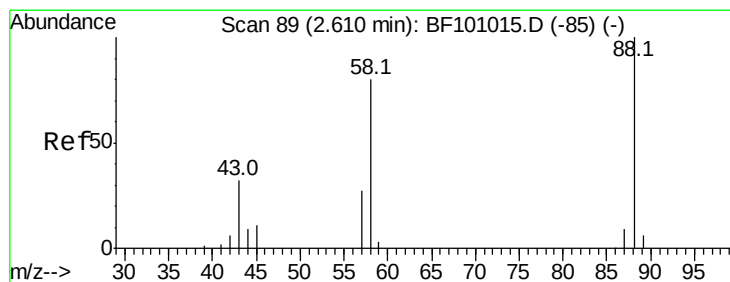
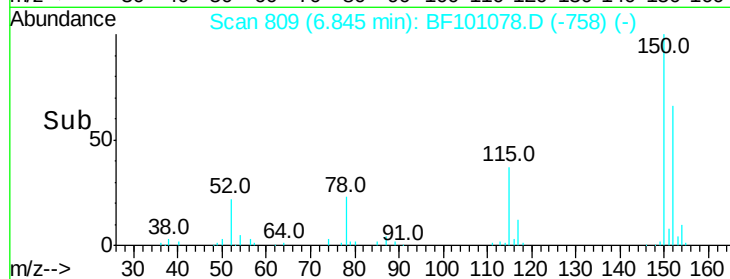
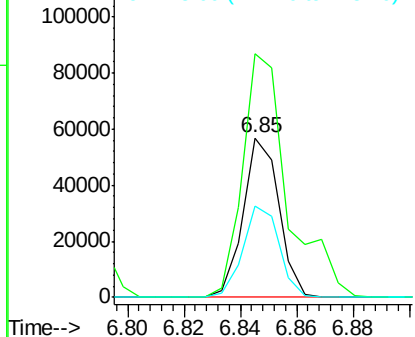
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

Tot Ion:152 Resp: 49944
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 56.9 50.1 75.1



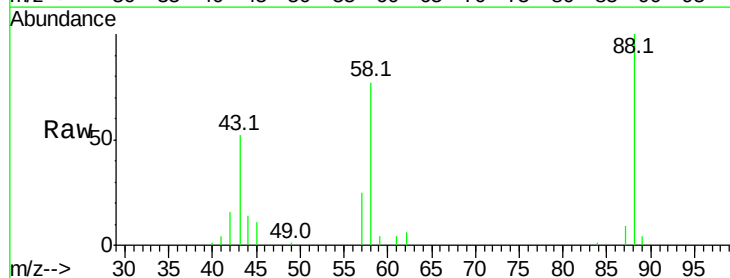
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



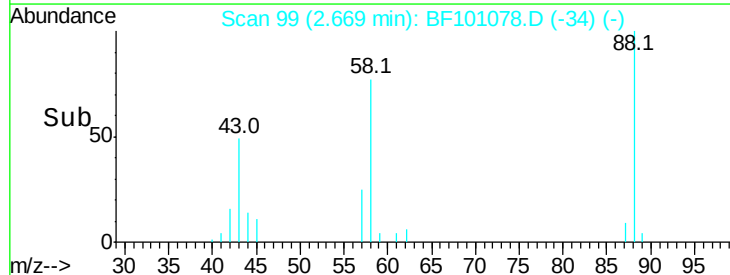
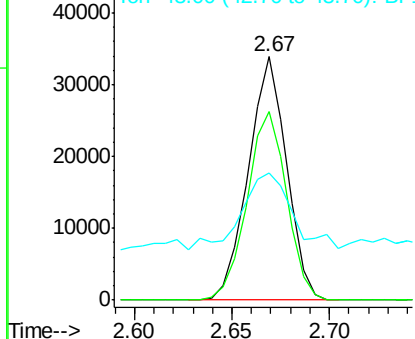
#2

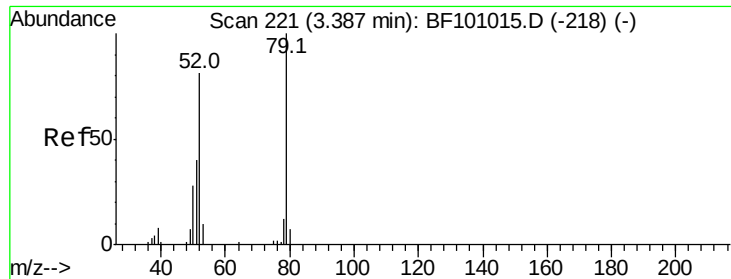
1,4-Dioxane
Concen: 36.760 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.08 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion: 88 Resp: 45943
Ion Ratio Lower Upper
88 100
58 79.9 62.6 93.8
43 38.3 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

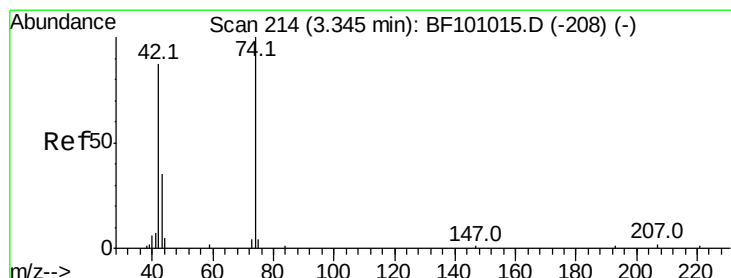
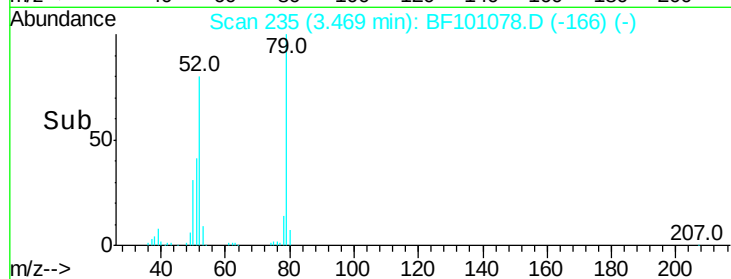
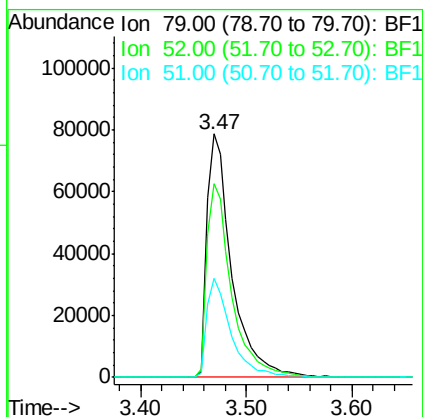
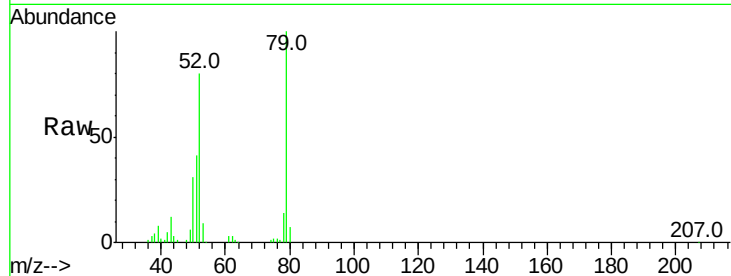




#3
 Pvridine
 Concen: 39.859 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.11 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

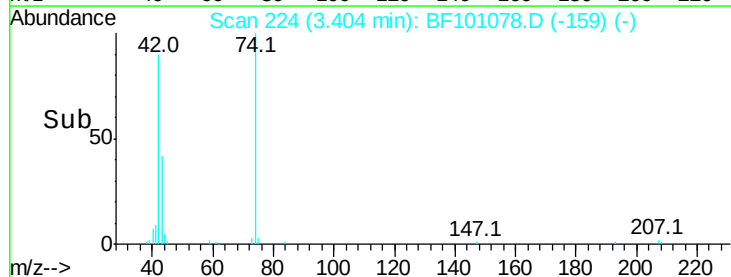
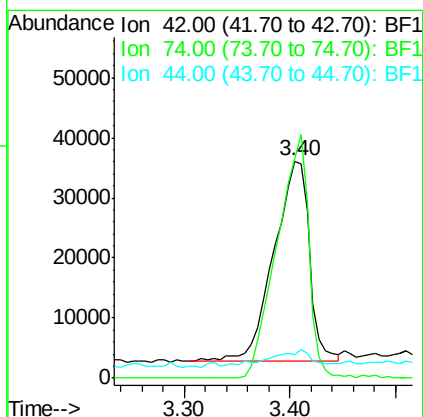
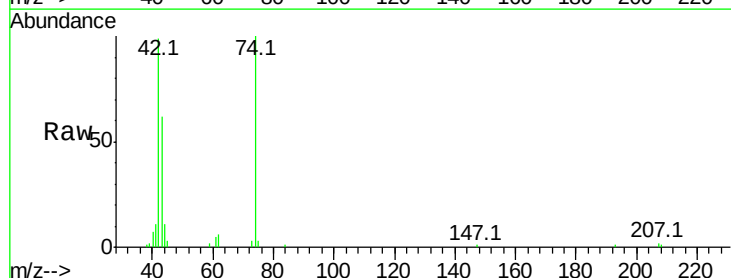
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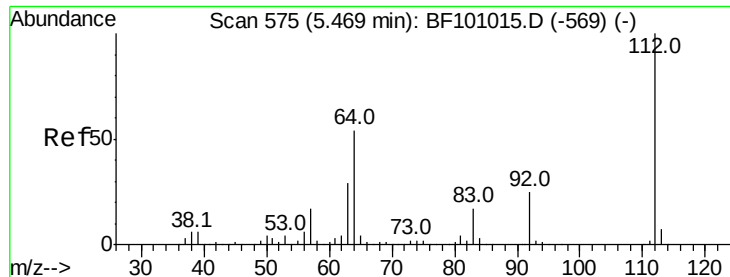
Tot Ion: 79 Resp: 129140
 Ion Ratio Lower Upper
 79 100
 52 79.7 59.8 89.6
 51 40.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 49.251 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.08 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion: 42 Resp: 77937
 Ion Ratio Lower Upper
 42 100
 74 101.3 104.9 157.3#
 44 10.9 6.9 10.3#

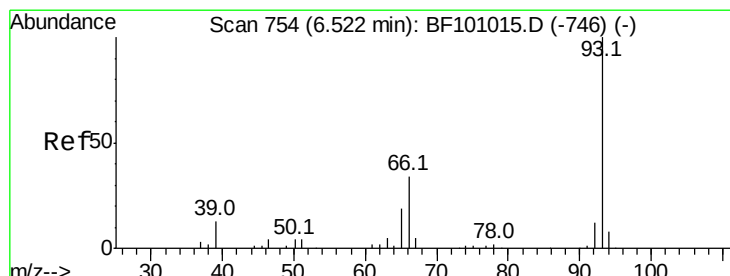
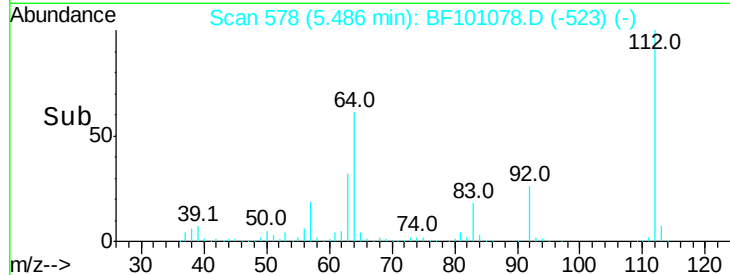
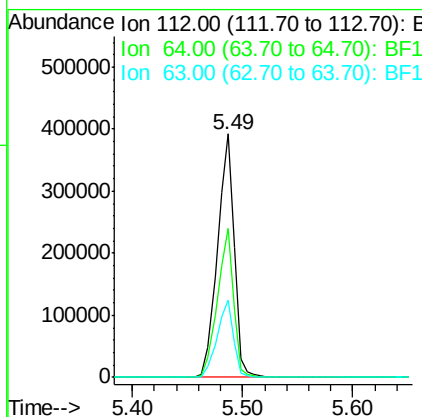
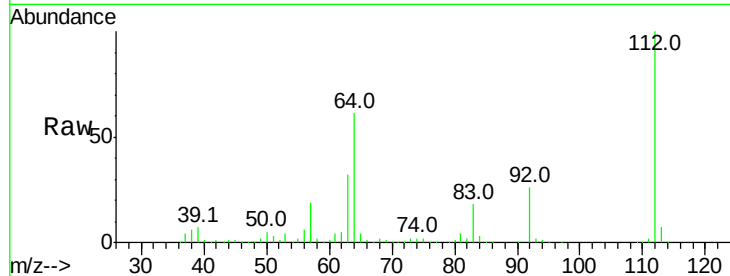




#5
 2-Fluorophenol
 Concen: 135.899 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.02 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

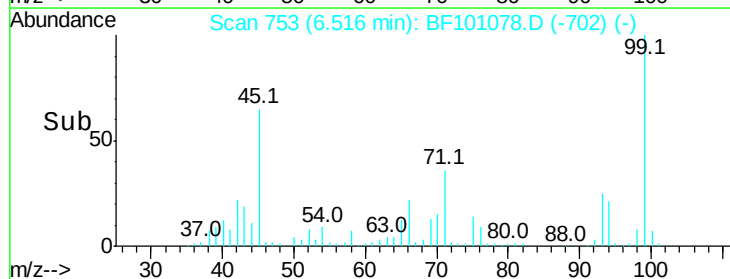
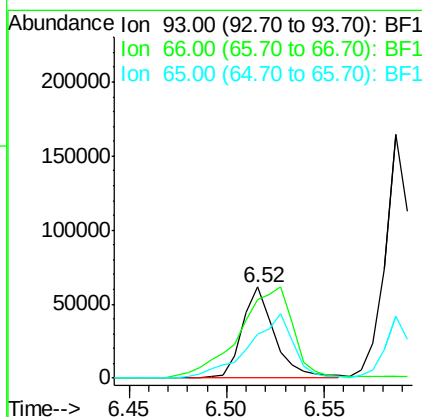
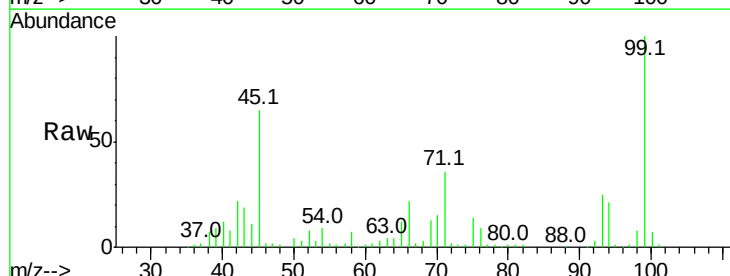
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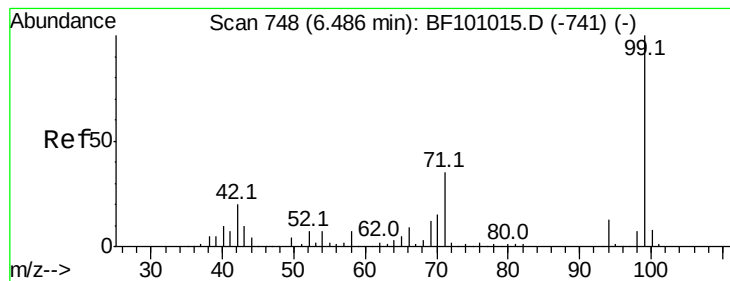
Tot Ion:	112	Resp:	410744
Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	31.5	23.7	35.5



#6
 Aniline
 Concen: 14.821 ng
 RT: 6.52 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion:	93	Resp:	70721
Ion	Ratio	Lower	Upper
93	100		
66	86.9	32.2	48.2#
65	48.2	16.4	24.6#





#7

Phenol-d6

Concen: 134.968 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.04 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

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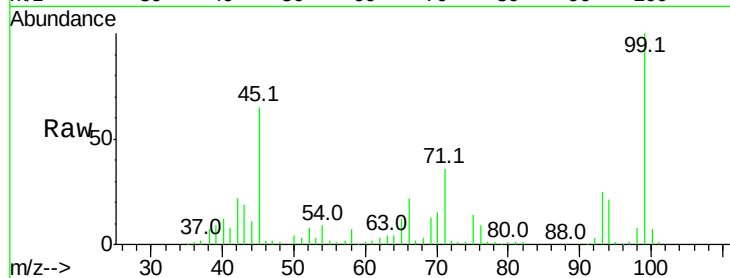
Tot Ion: 99 Resp: 495268

Ion Ratio Lower Upper

99 100

42 22.5 14.5 21.7#

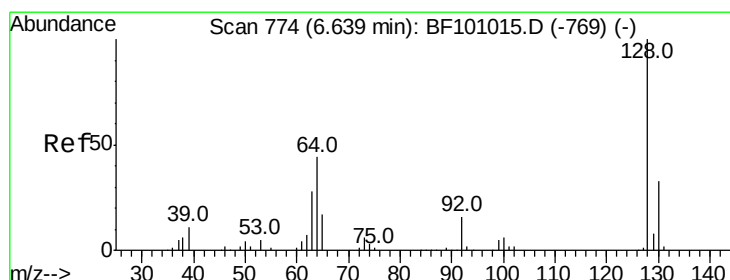
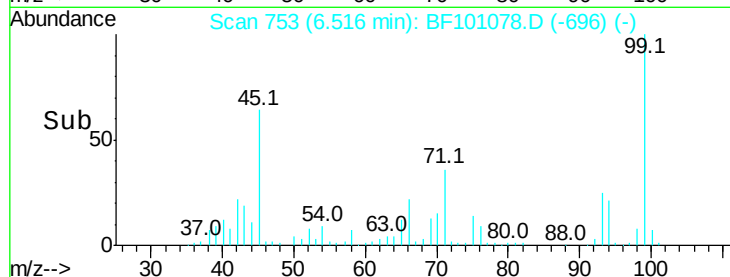
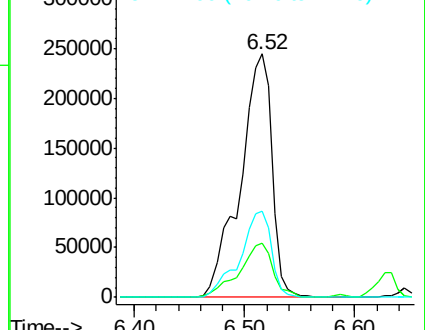
71 35.5 25.4 38.0



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: 44.565 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF101078.D

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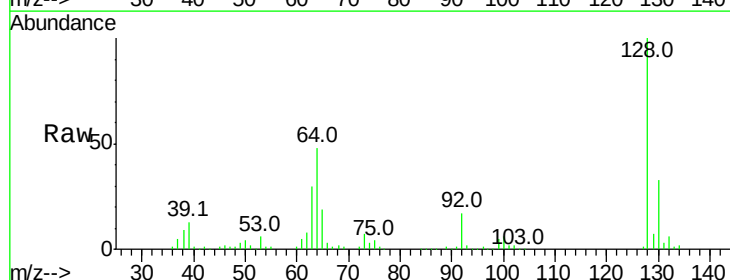
Tgt Ion:128 Resp: 146863

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

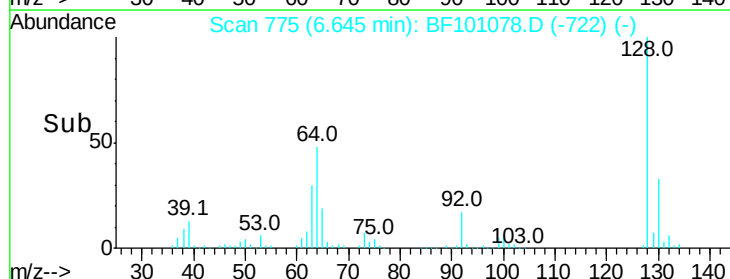
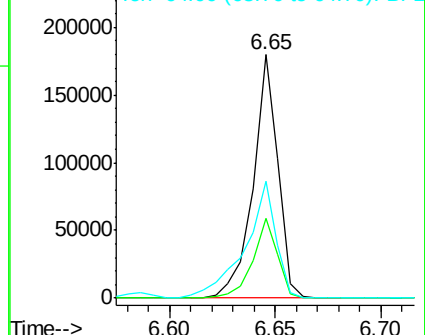
64 47.9 29.4 69.4

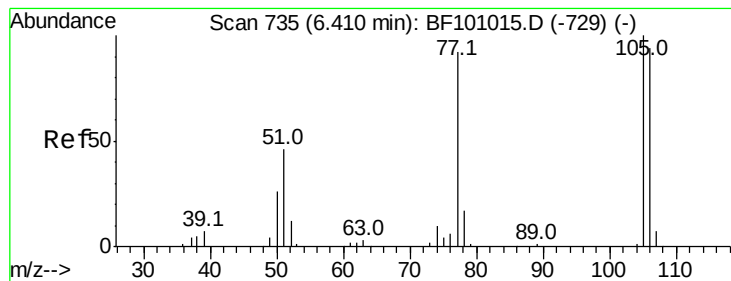


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.243 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

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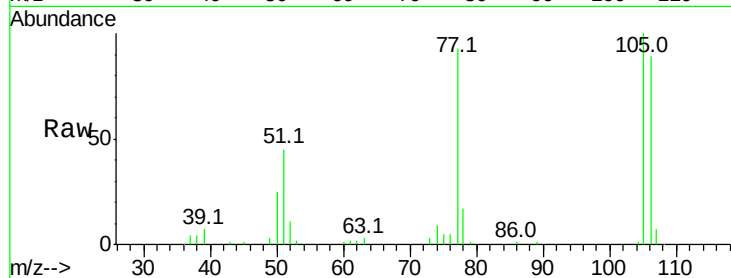
Tot Ion: 77 Resp: 65678

Ion Ratio Lower Upper

77 100

105 107.4 81.1 121.1

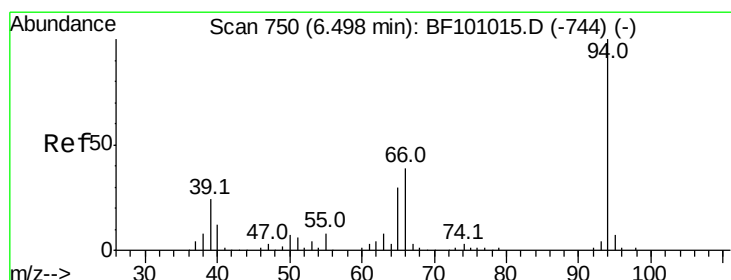
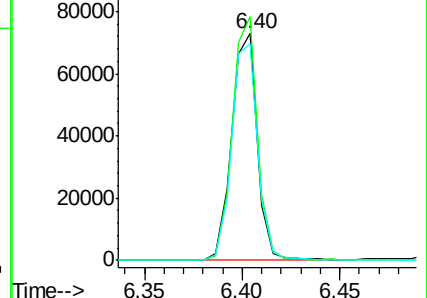
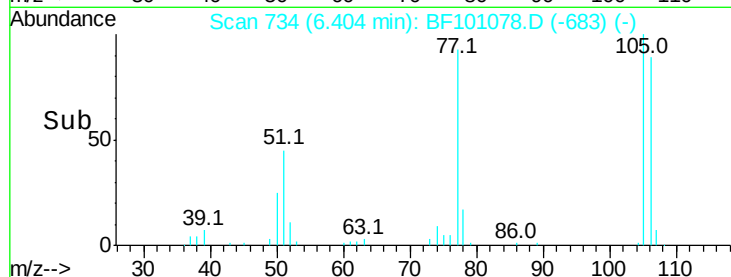
106 95.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 45.577 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.04 min

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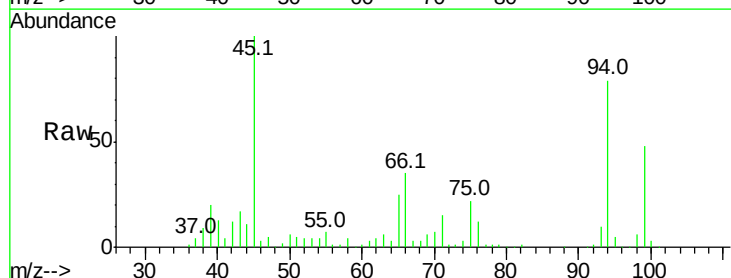
Tgt Ion: 94 Resp: 185965

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

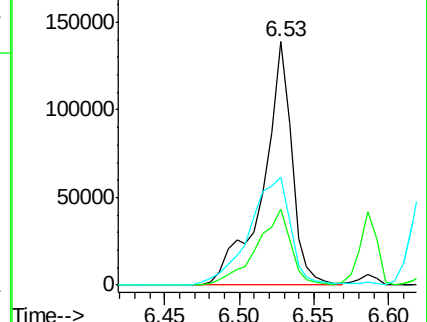
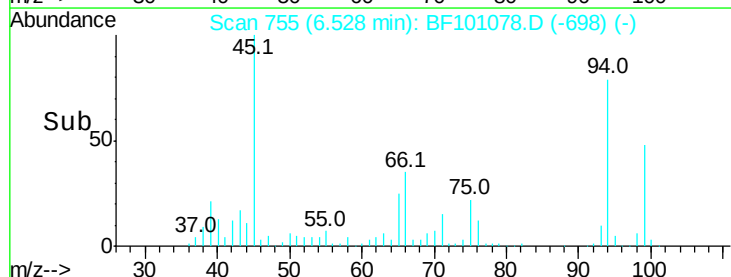
66 44.2 16.2 56.2

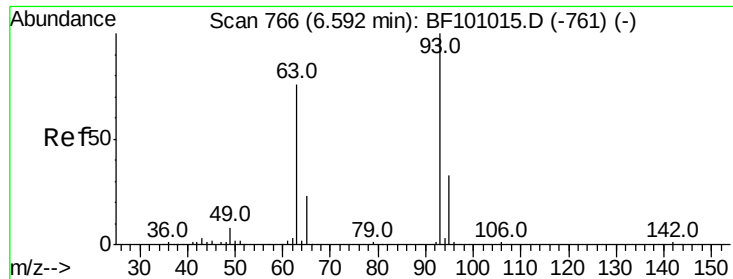


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.595 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

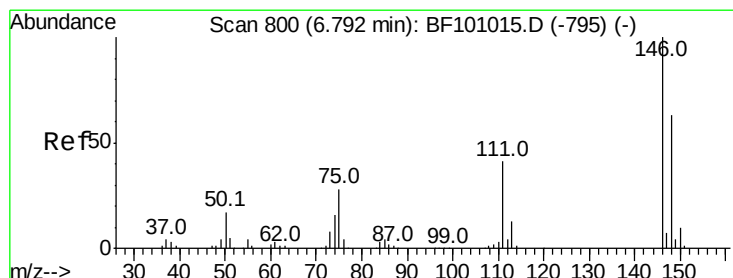
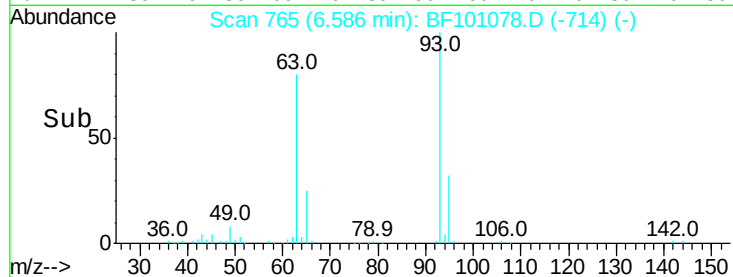
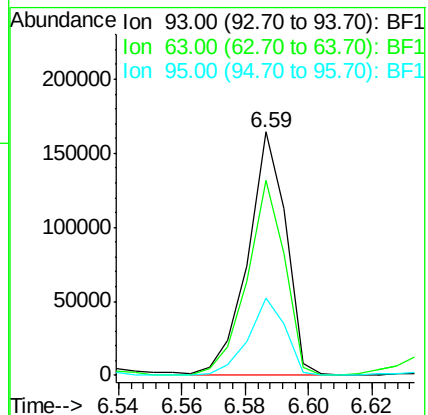
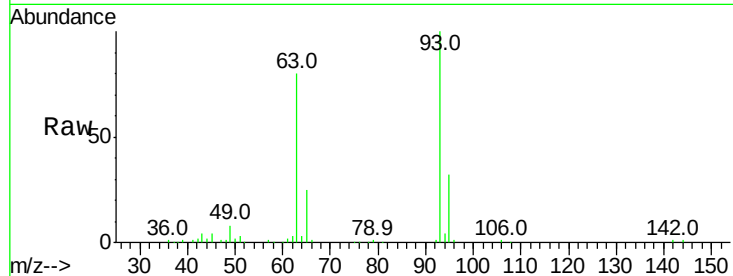
Tot Ion: 93 Resp: 136484

Ion Ratio Lower Upper

93 100

63 80.3 58.6 98.6

95 31.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 43.742 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

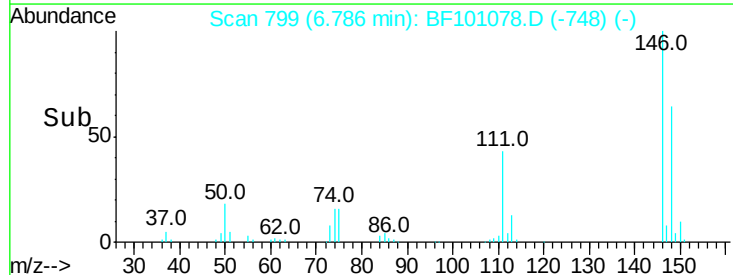
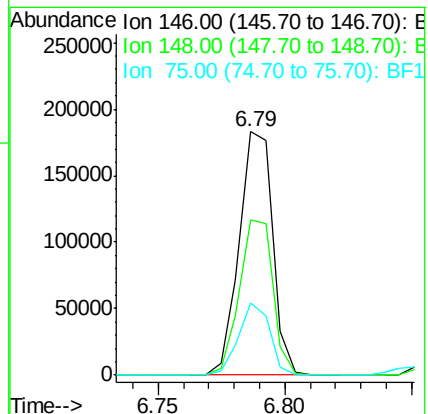
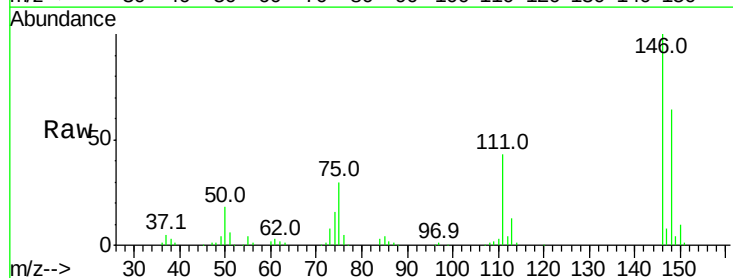
Tgt Ion: 146 Resp: 167850

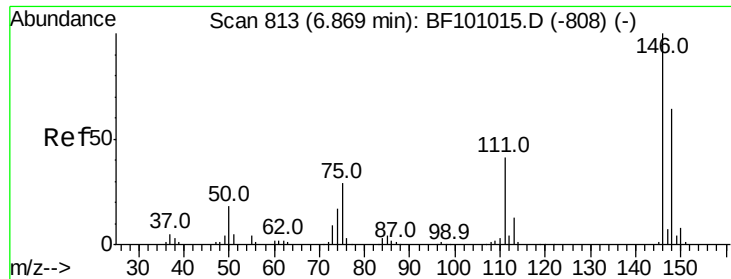
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.8

75 29.8 24.2 36.4

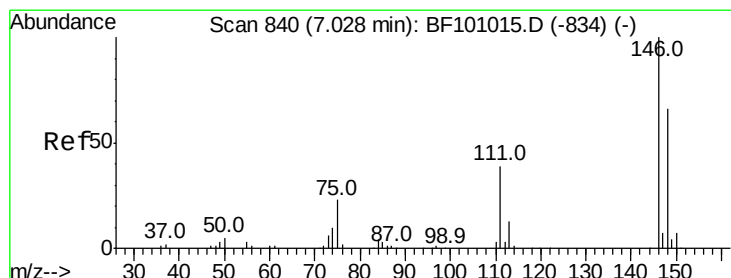
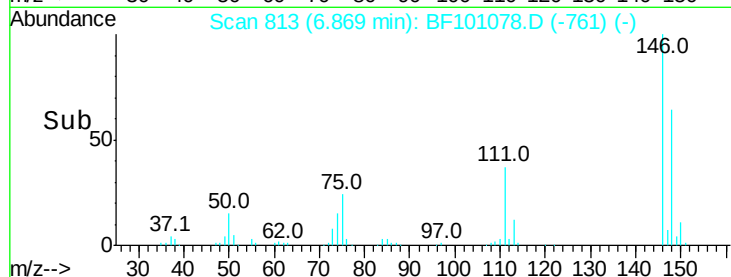
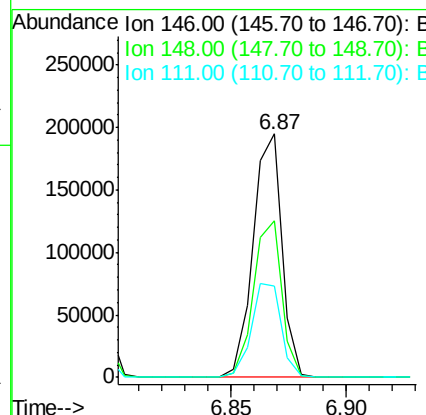
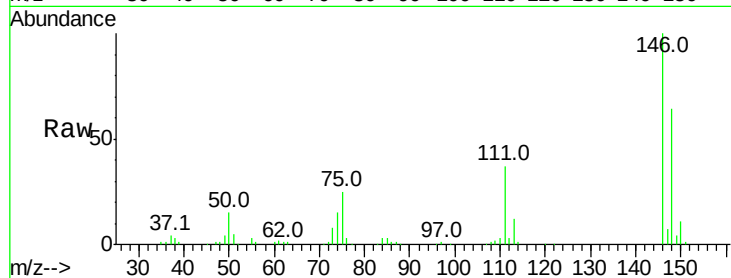




#13
 1,4-Dichlorobenzene
 Concen: 42.915 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

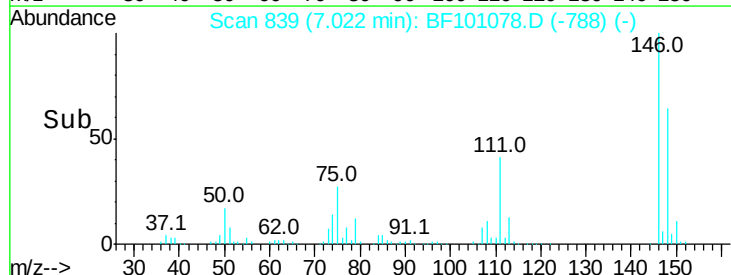
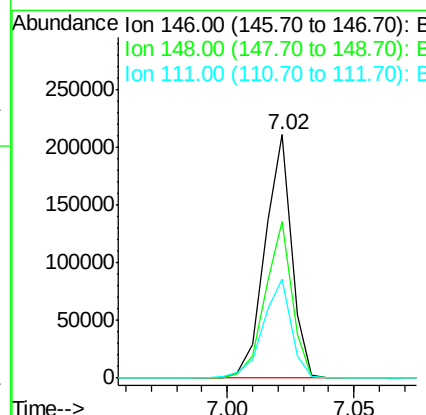
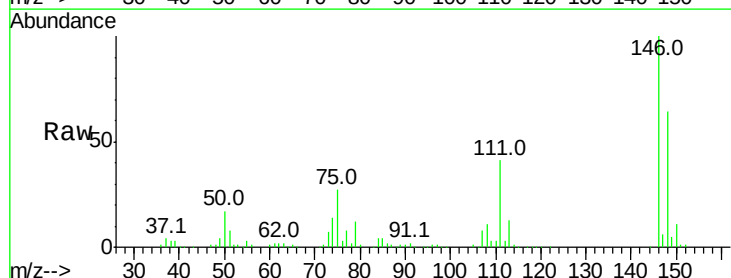
Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

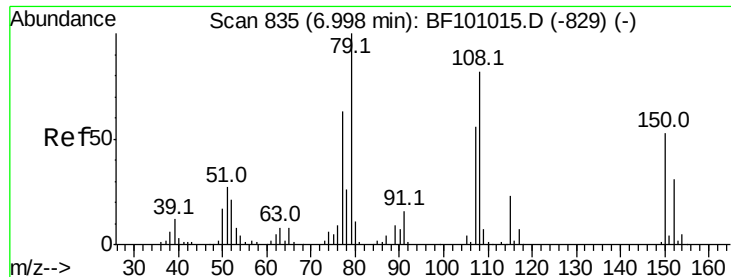
Tot Ion:146 Resp: 170495
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 37.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.950 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion:146 Resp: 155453
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 40.7 36.0 54.0

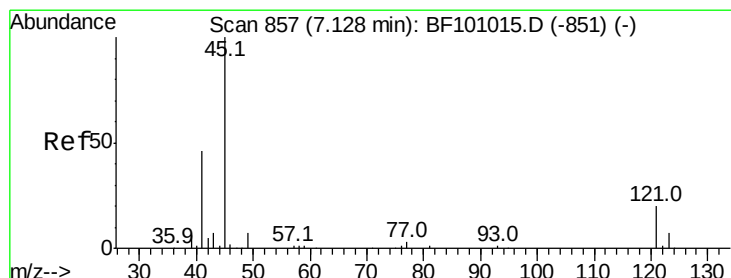
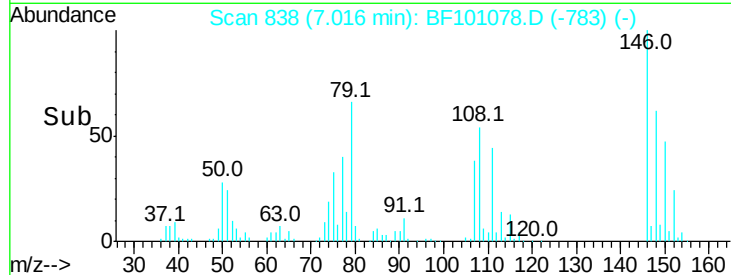
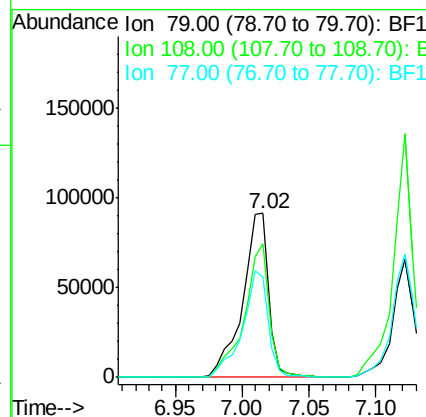
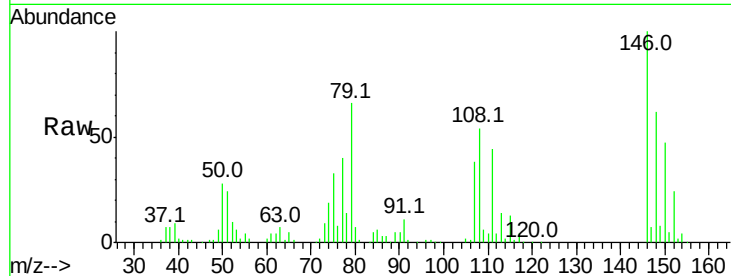




#15
Benzyl Alcohol
Concen: 43.813 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.02 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

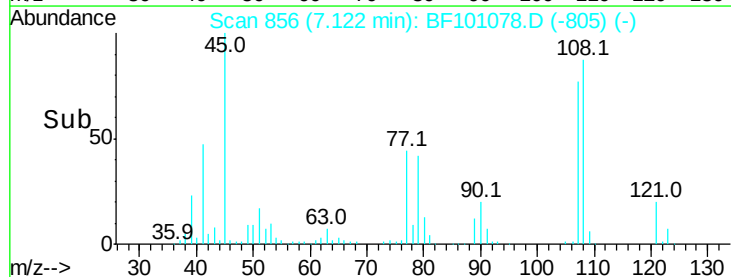
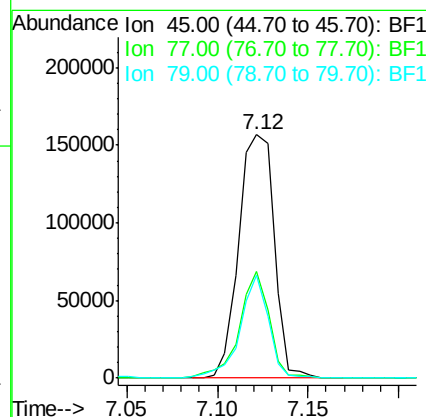
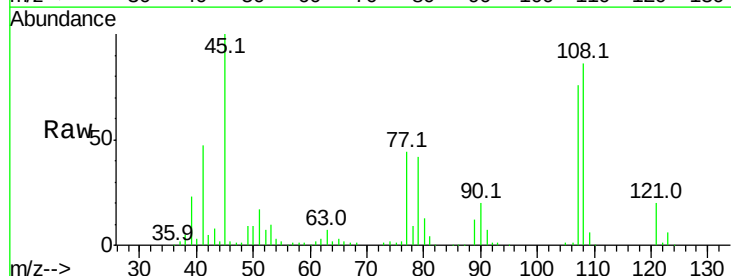
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

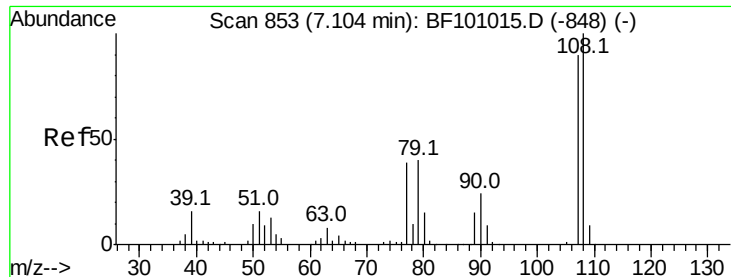
Tot Ion: 79 Resp: 124173
Ion Ratio Lower Upper
79 100
108 81.6 65.1 97.7
77 60.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 51.359 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion: 45 Resp: 213661
Ion Ratio Lower Upper
45 100
77 43.8 0.0 32.9#
79 42.1 0.0 29.6#

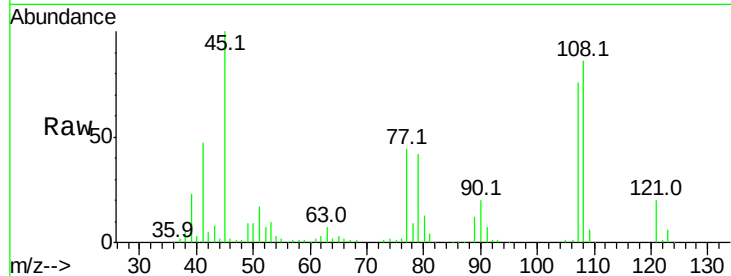




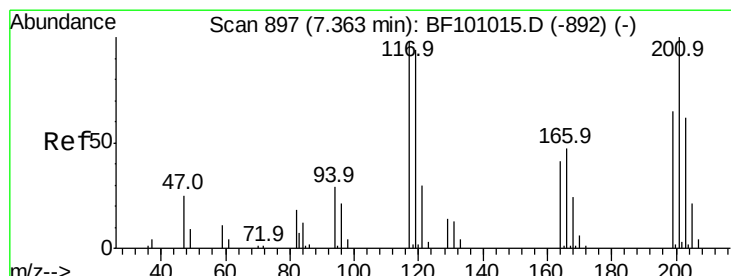
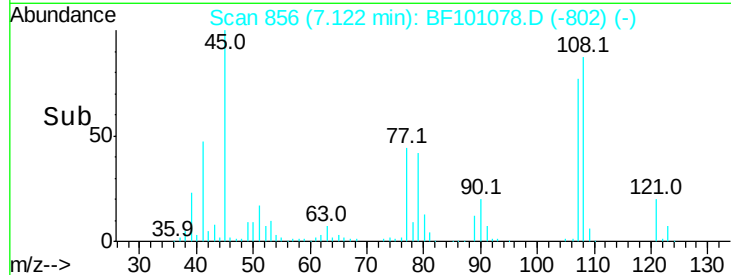
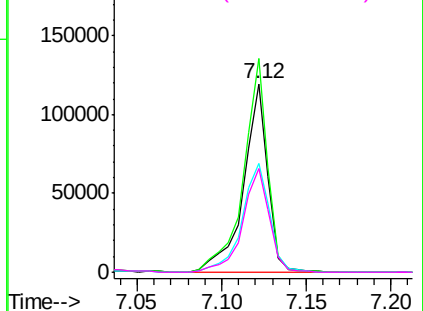
#17
2-Methylphenol
Concen: 45.176 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.02 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

Tot Ion:107 Resp: 120216
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 57.4 33.8 50.8#
79 55.2 33.8 50.8#

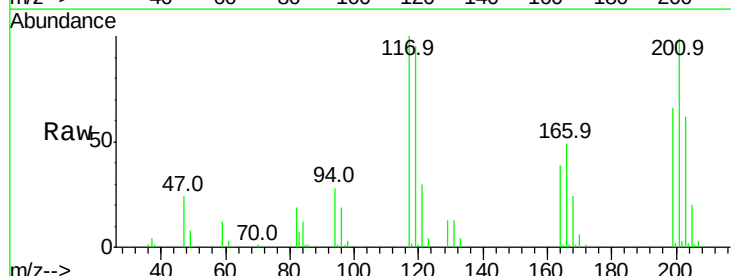


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

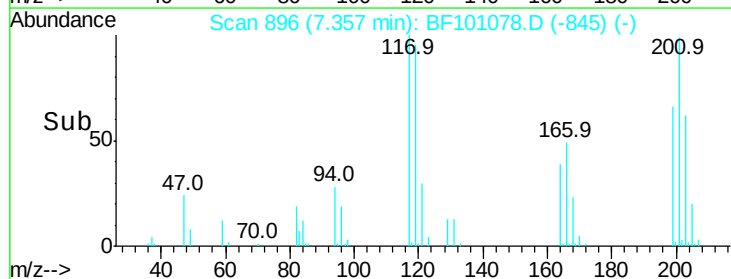
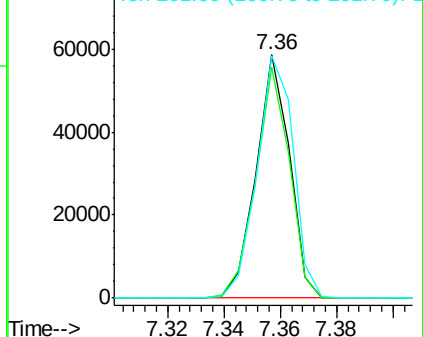


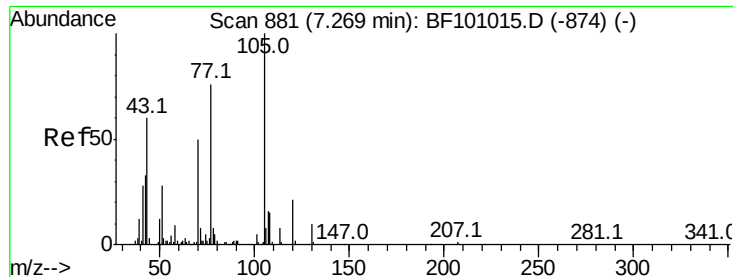
#18
Hexachloroethane
Concen: 37.720 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:117 Resp: 48145
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
201 99.3 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

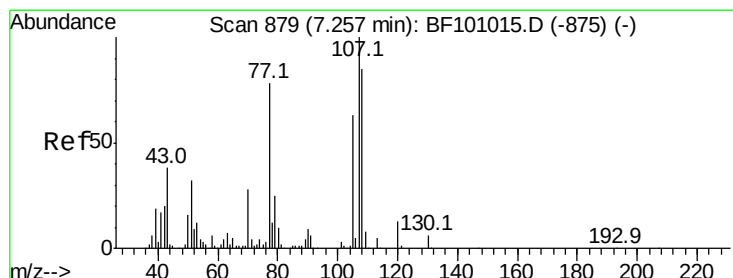
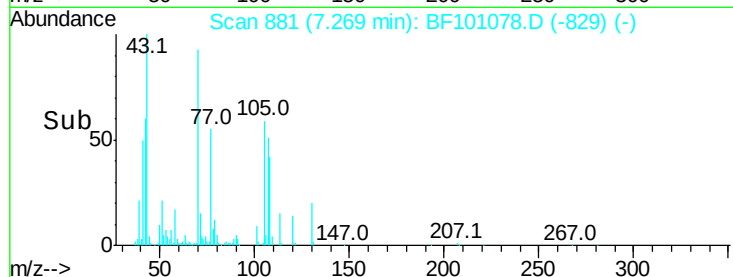
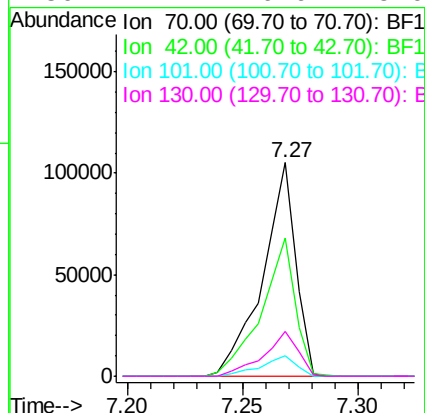
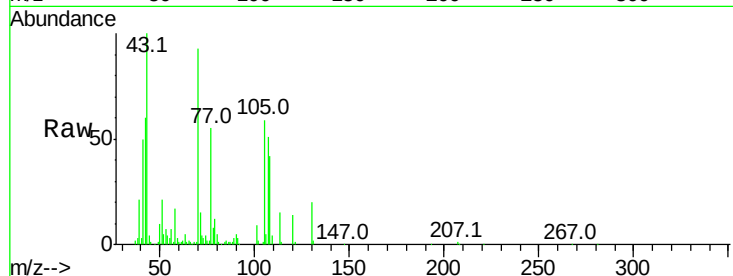




#19
n-Nitroso-di-n-propylamine
Concen: 42.520 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

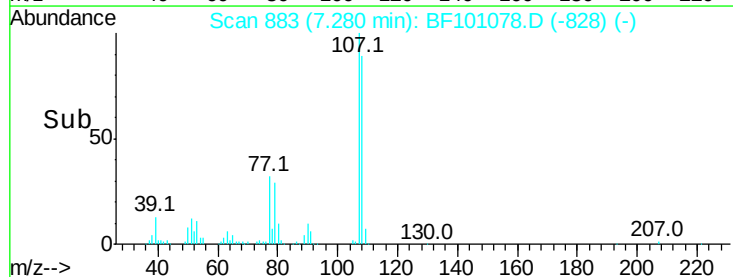
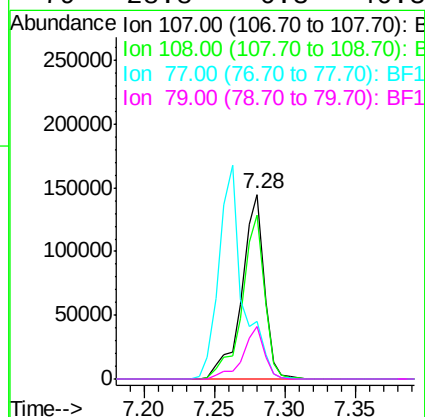
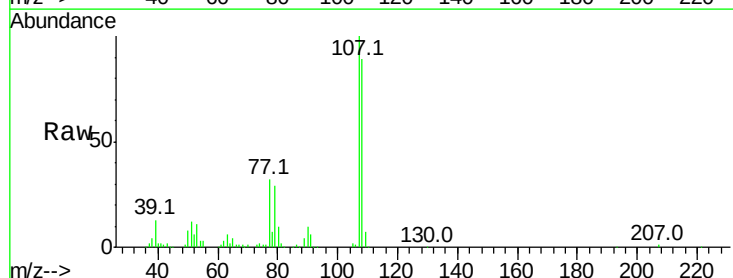
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

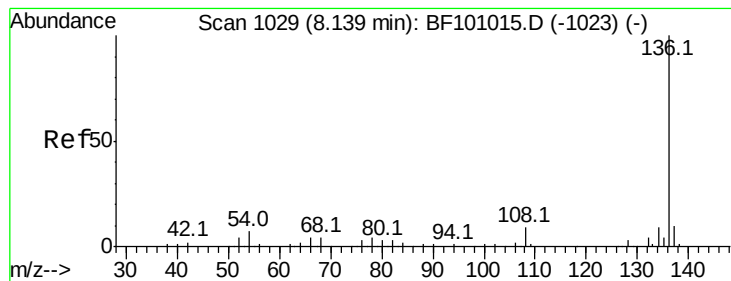
Tot Ion: 70 Resp: 105080
Ion Ratio Lower Upper
70 100
42 64.7 47.5 71.3
101 9.4 7.4 11.2
130 21.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 46.457 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion: 107 Resp: 161226
Ion Ratio Lower Upper
107 100
108 89.0 68.2 108.2
77 31.6 26.7 66.7
79 28.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

Tot Ion:136 Resp: 191158

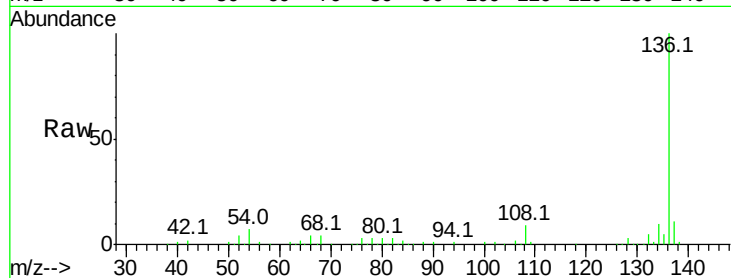
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.2 6.6 9.8

68 4.2 5.0 7.4#

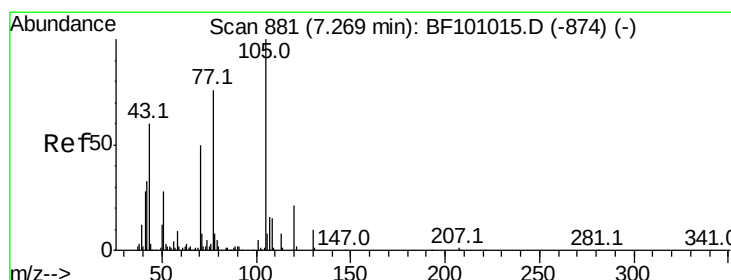
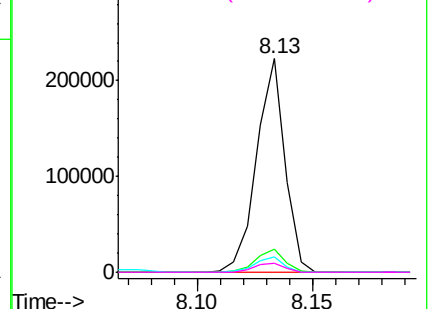
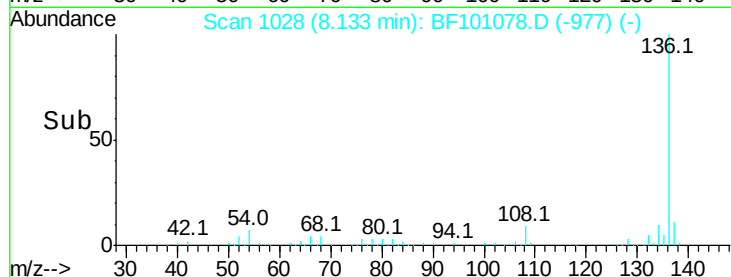


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.415 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Tgt Ion:105 Resp: 205119

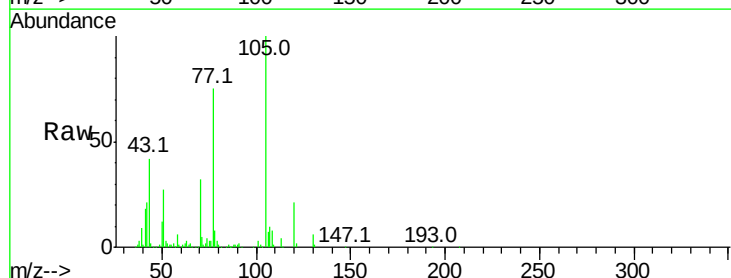
Ion Ratio Lower Upper

105 100

71 5.2 4.4 6.6

51 27.3 22.3 33.5

120 21.4 16.9 25.3

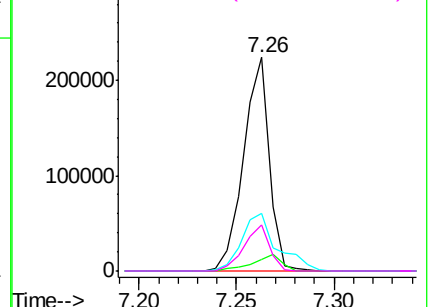
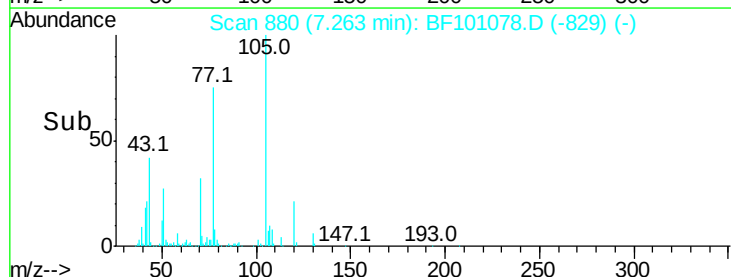


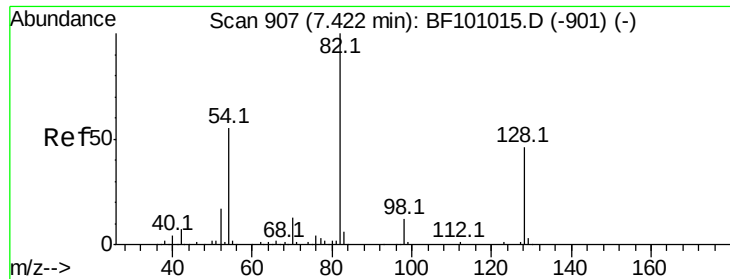
Abundance Ion 105.00 (104.70 to 105.70): E

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

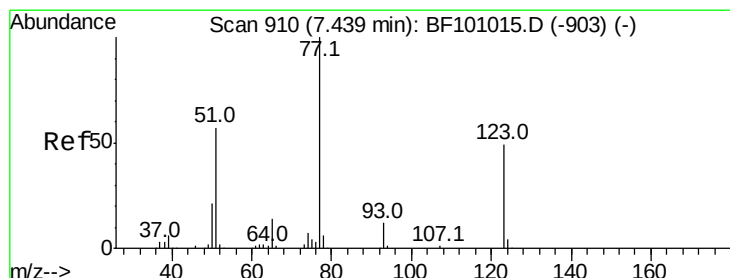
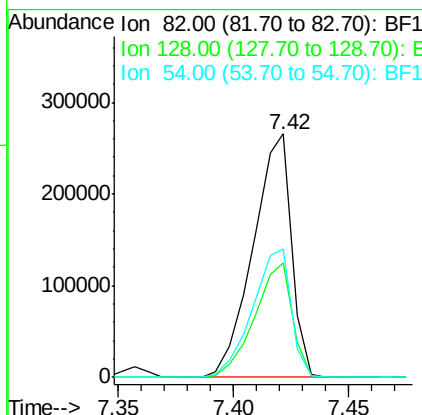
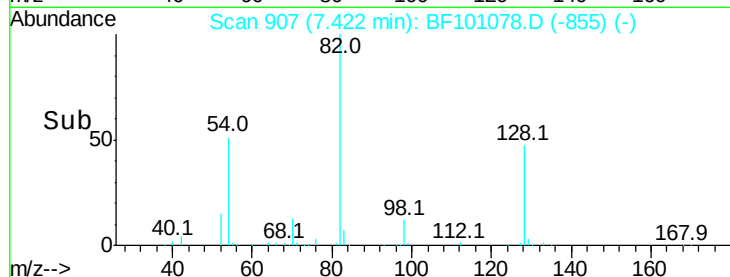
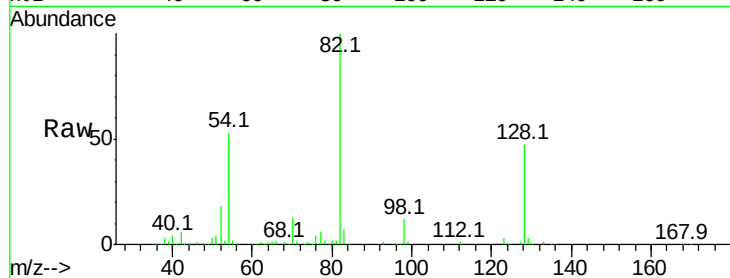




#23
 Nitrobenzene-d5
 Concen: 96.018 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

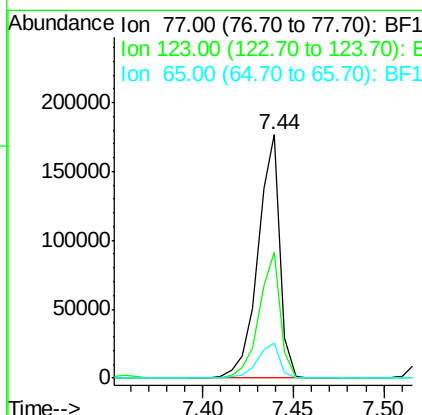
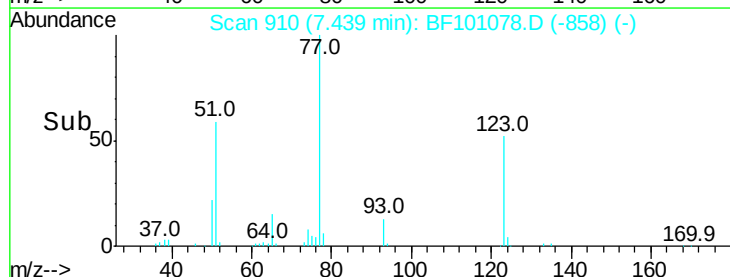
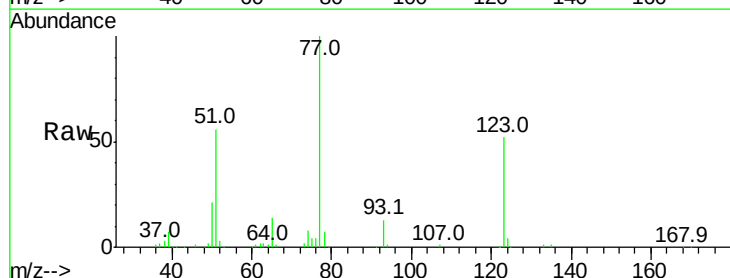
Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

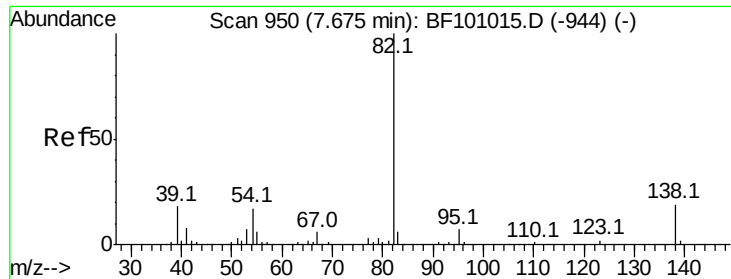
Tot Ion	82	Resp	307690
Ion Ratio	100	Lower	Upper
128	47.2	36.1	54.1
54	52.5	41.4	62.2



#24
 Nitrobenzene
 Concen: 47.237 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion	77	Resp	148356
Ion Ratio	100	Lower	Upper
123	51.6	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 49.766 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

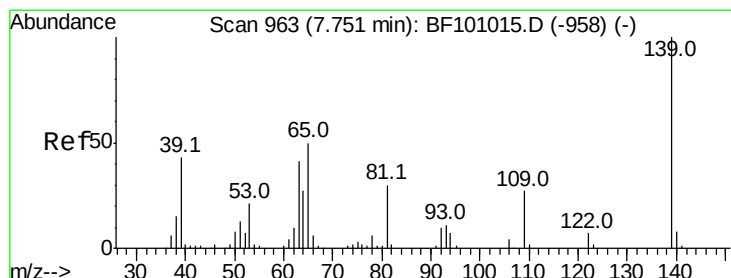
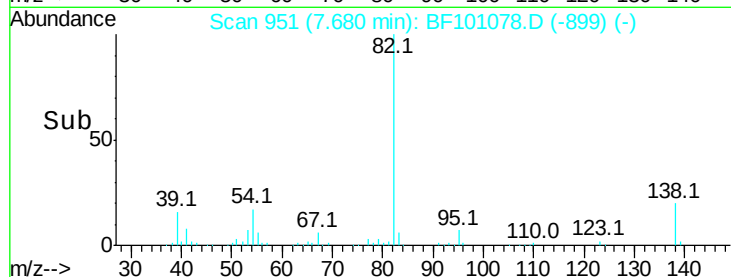
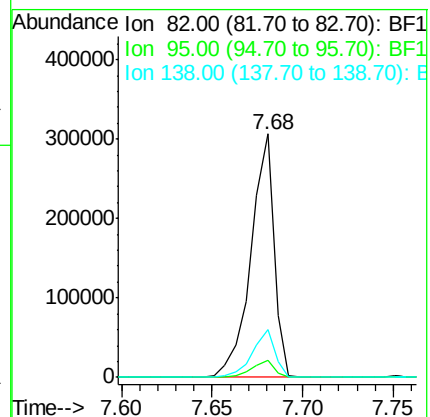
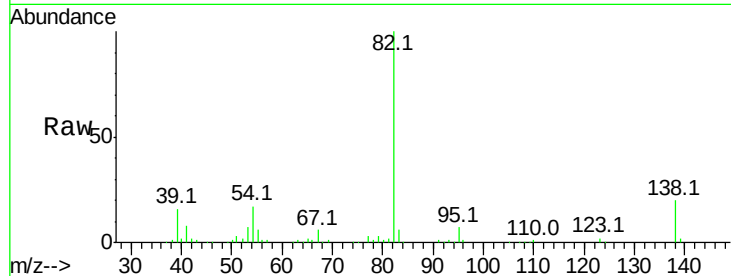
Tot Ion: 82 Resp: 272399

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 42.835 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

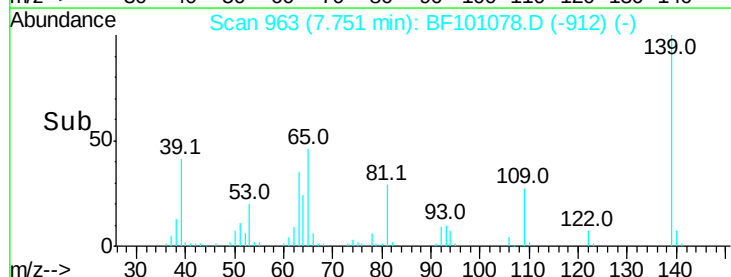
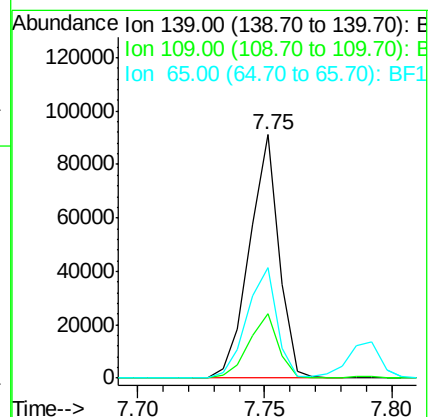
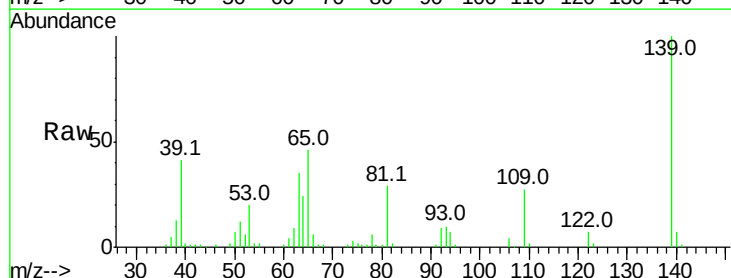
Tgt Ion: 139 Resp: 73851

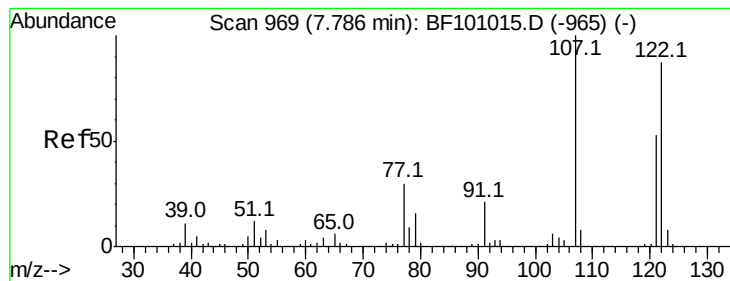
Ion Ratio Lower Upper

139 100

109 26.6 22.7 34.1

65 45.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 53.466 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

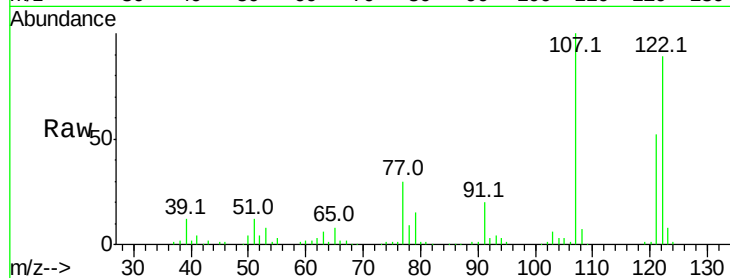
Tot Ion:122 Resp: 133344

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

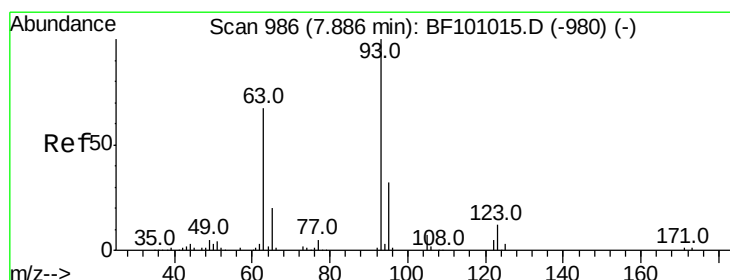
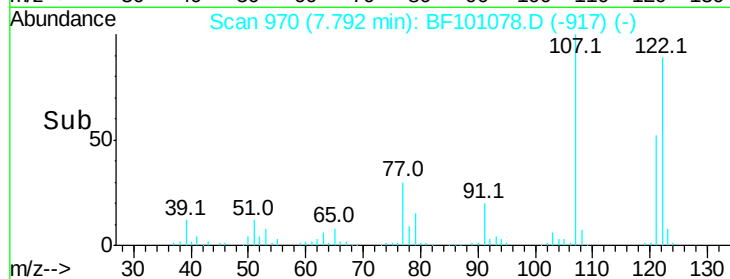
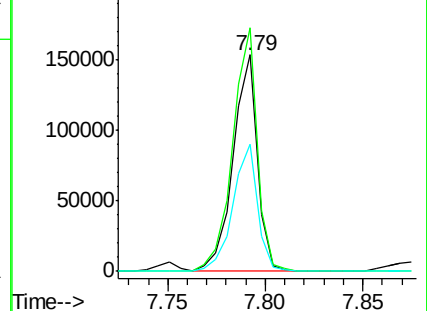
121 58.9 47.2 70.8



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: 47.326 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

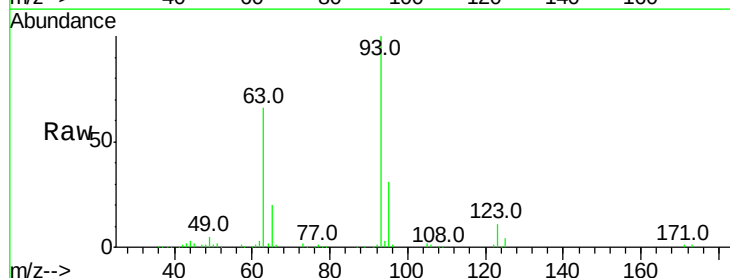
Tgt Ion: 93 Resp: 174104

Ion Ratio Lower Upper

93 100

95 31.2 26.3 39.5

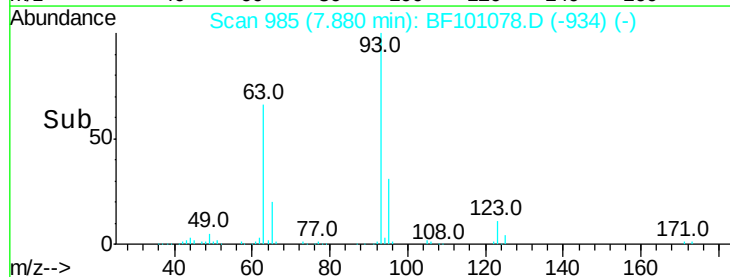
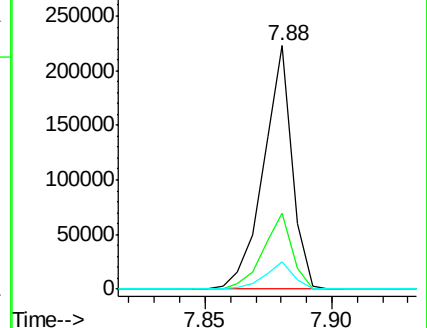
123 11.2 9.8 14.6

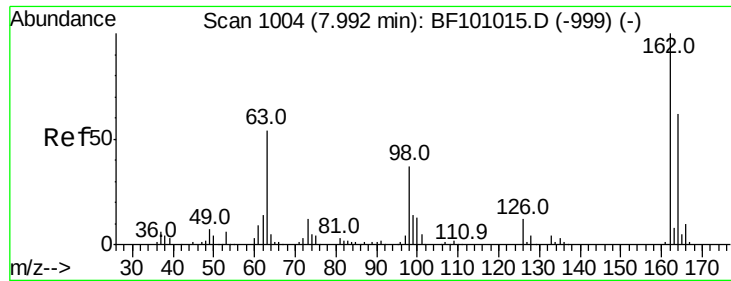


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

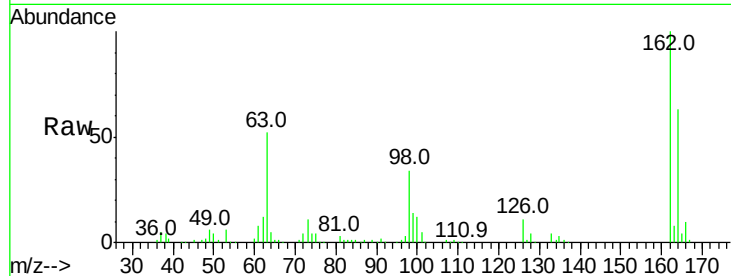




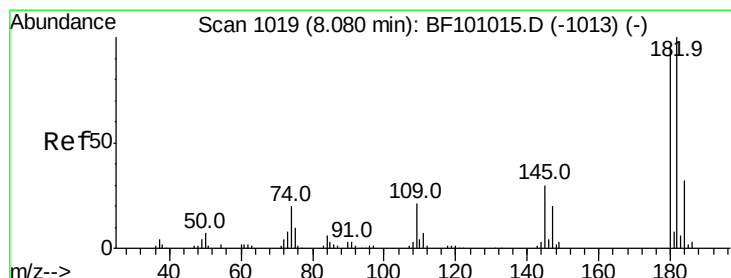
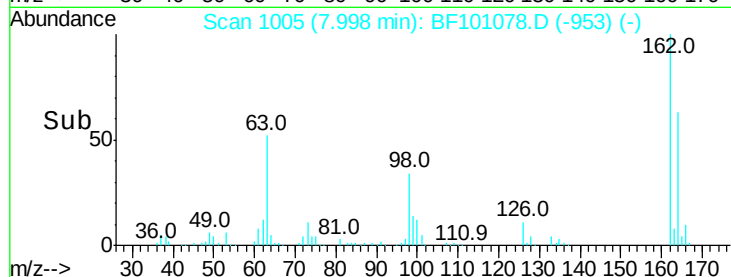
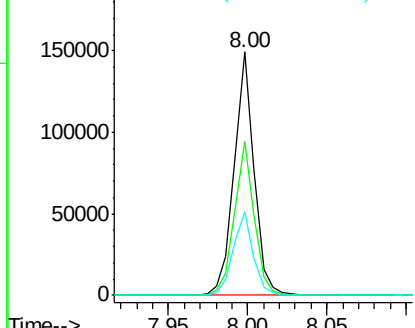
#29
 2,4-Dichlorophenol
 Concen: 48.494 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.7	82.7
98	34.1	18.1	58.1

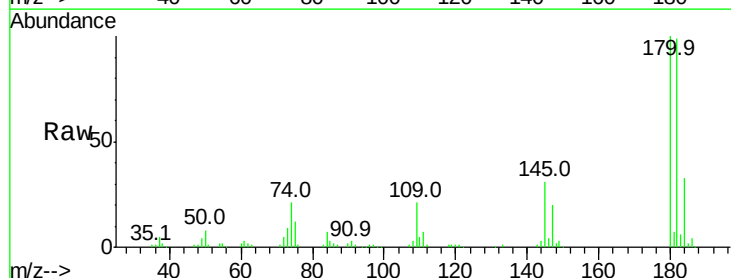


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

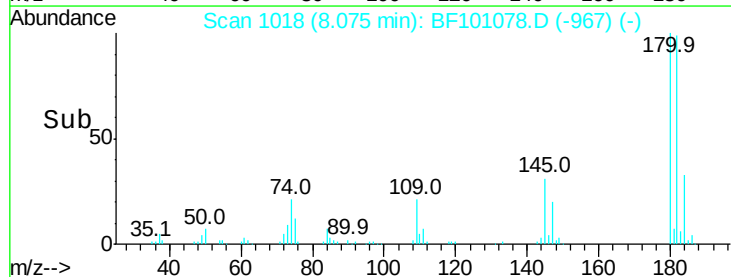
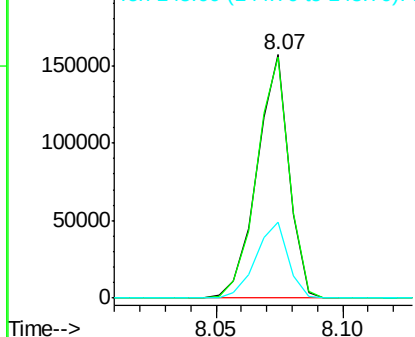


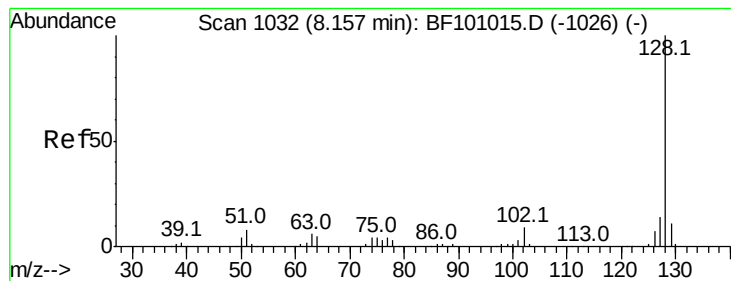
#30
 1,2,4-Trichlorobenzene
 Concen: 45.989 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.8	115.2
145	31.1	26.5	39.7



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





#31

Naphthalene

Concen: 45.078 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

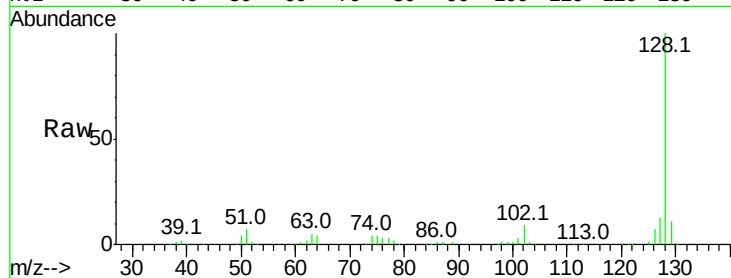
Tot Ion:128 Resp: 424688

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

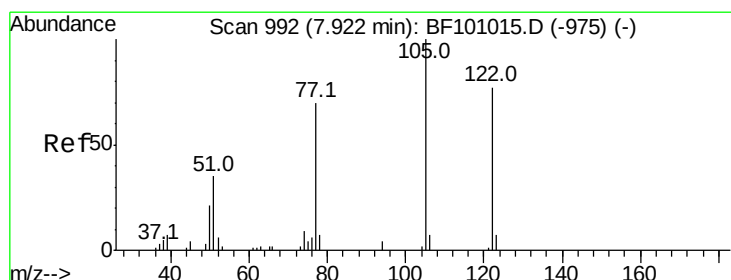
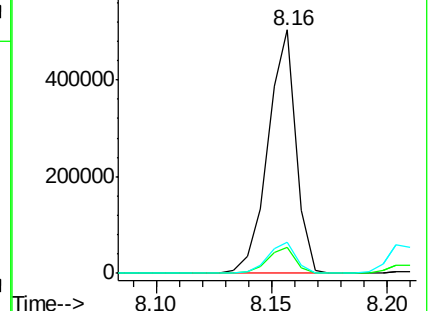
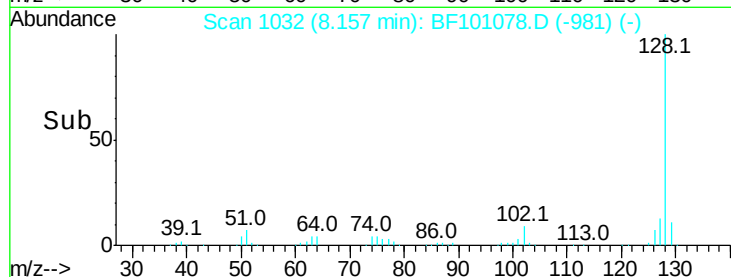
127 13.0 10.9 16.3



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: 4.866 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.05 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

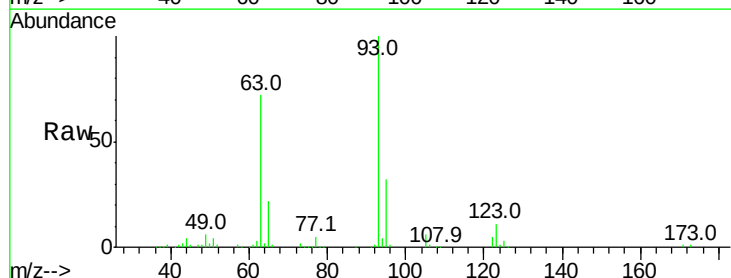
Tgt Ion:122 Resp: 9439

Ion Ratio Lower Upper

122 100

105 116.5 101.1 141.1

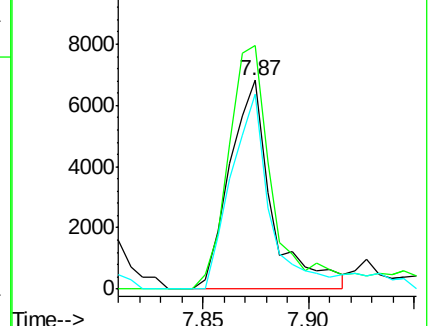
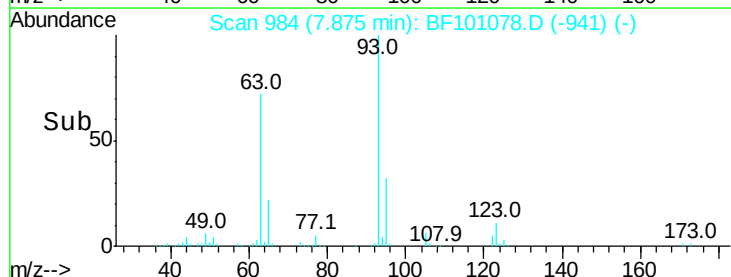
77 93.4 70.7 110.7

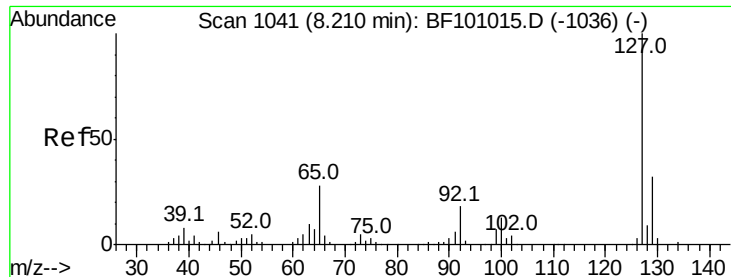


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

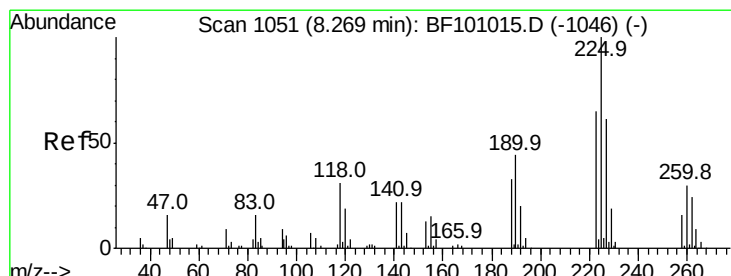
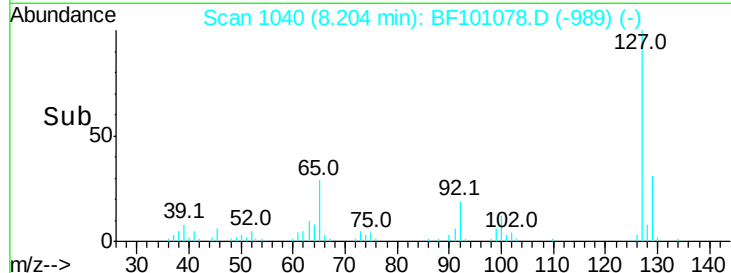
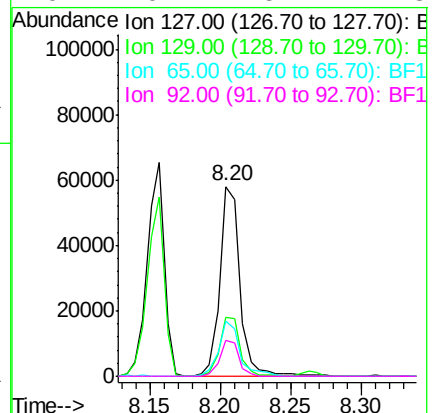
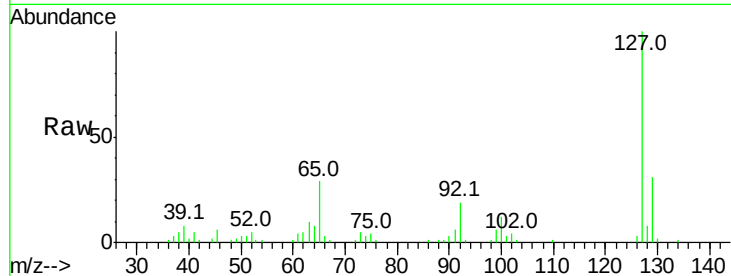




#33
4-Chloroaniline
Concen: 15.306 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

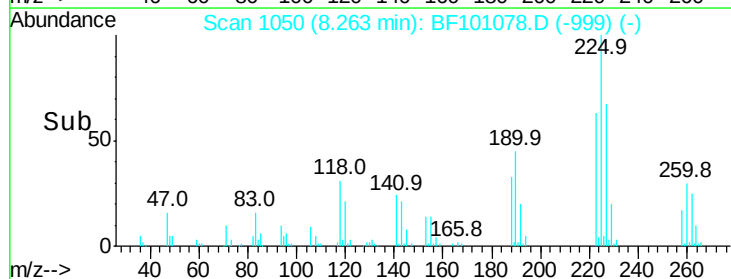
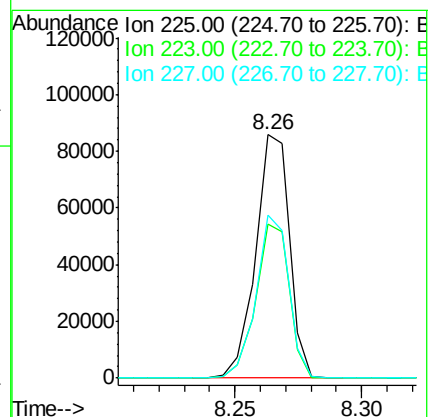
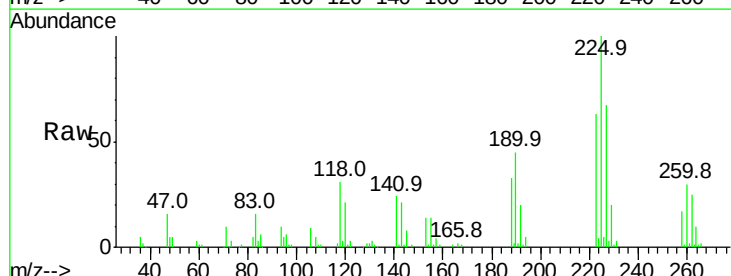
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

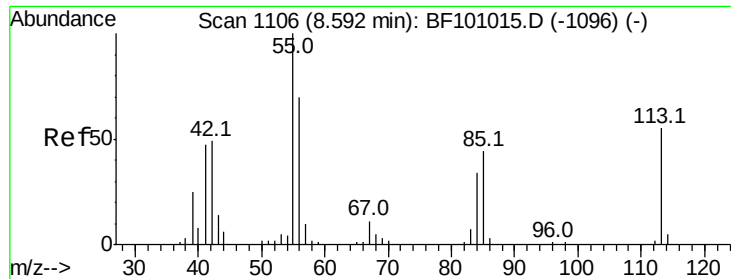
Tot Ion:	127	Resp:	57942
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	29.0	25.0	37.4
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.700 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:	225	Resp:	80008
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	66.7	51.9	77.9





#35

Caprolactam

Concen: 40.157 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

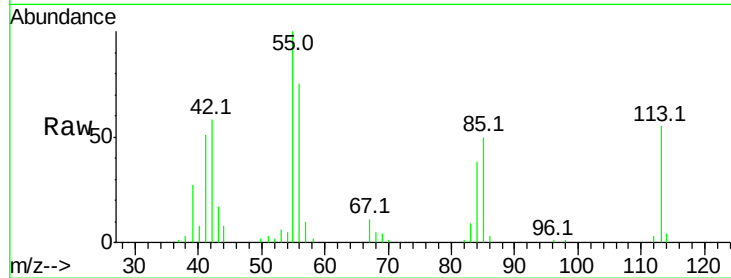
Tot Ion:113 Resp: 33974

Ion Ratio Lower Upper

113 100

55 182.2 163.3 203.3

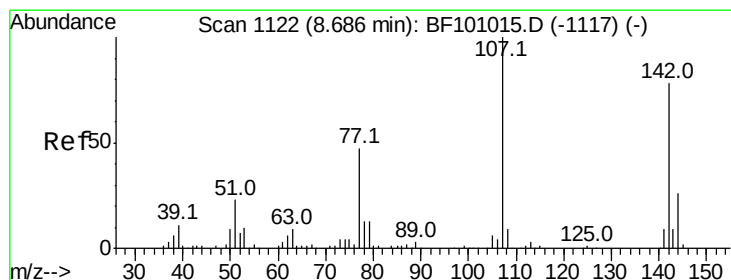
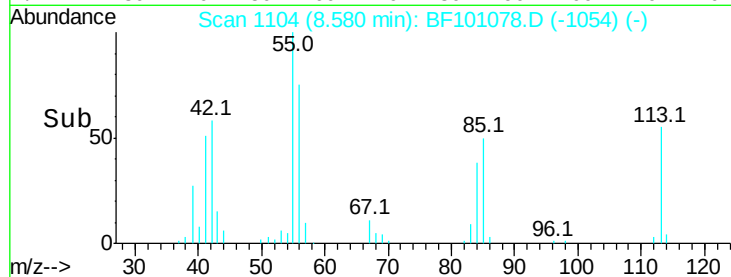
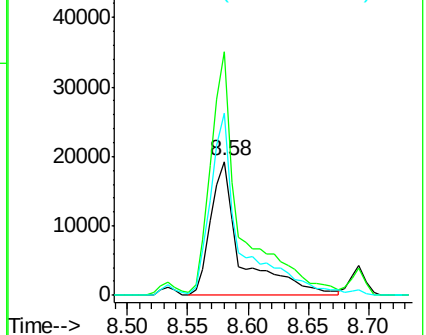
56 136.3 115.7 155.7



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: 46.039 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

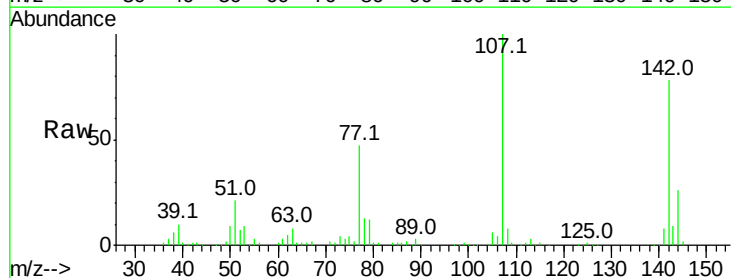
Tgt Ion:107 Resp: 129465

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

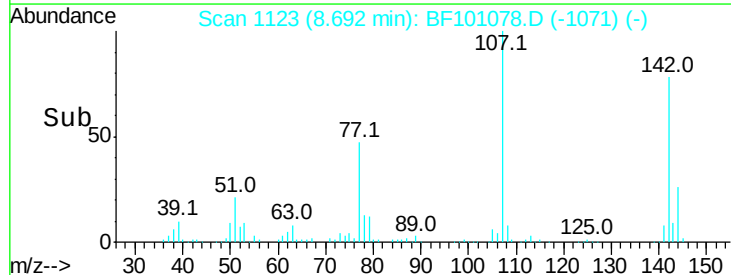
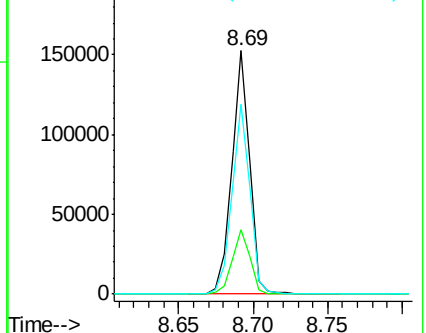
142 78.1 62.0 93.0

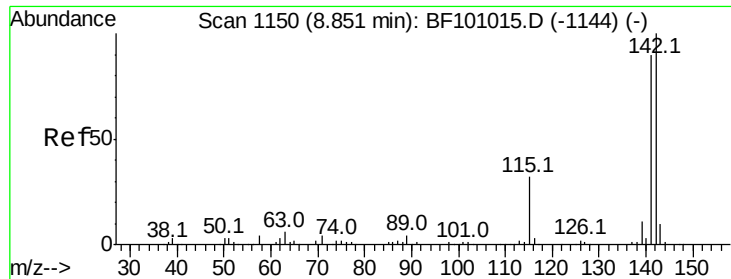


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

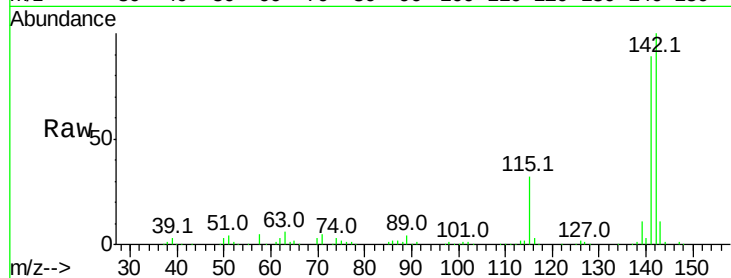




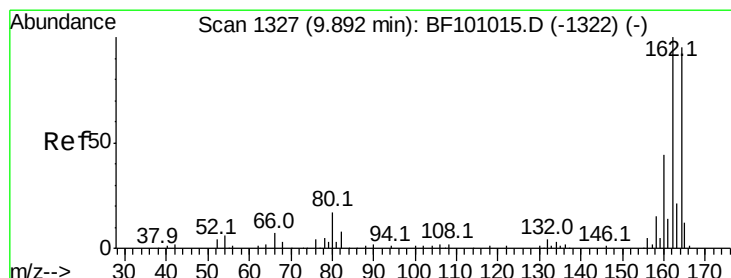
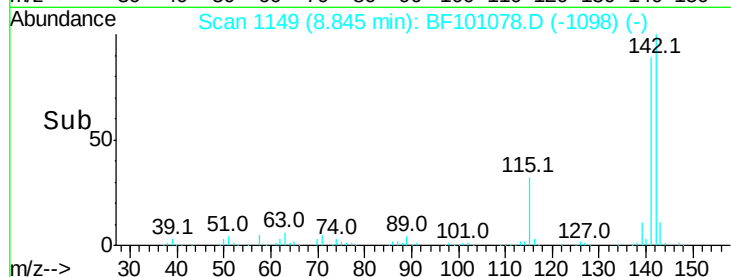
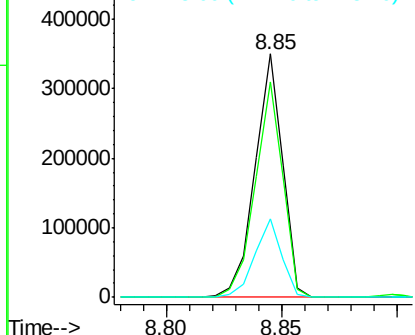
#37
 2-Methylnaphthalene
 Concen: 45.712 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	32.4	26.1	39.1

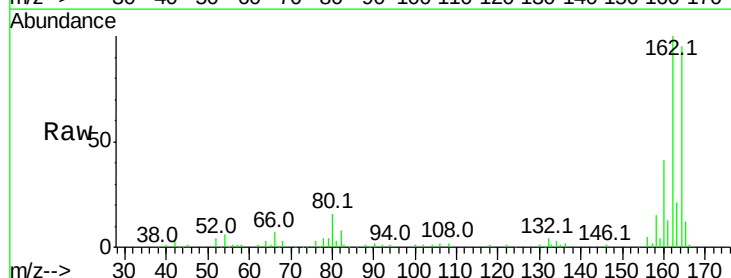


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

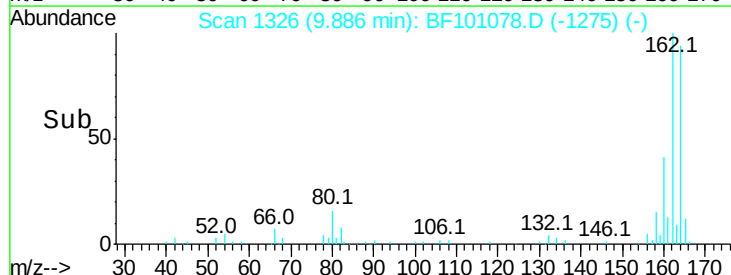
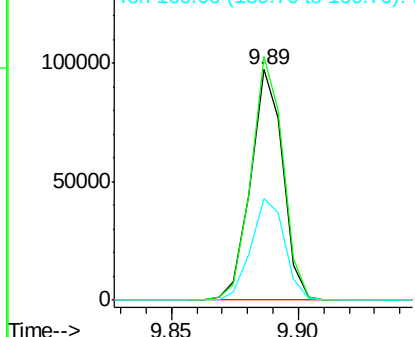


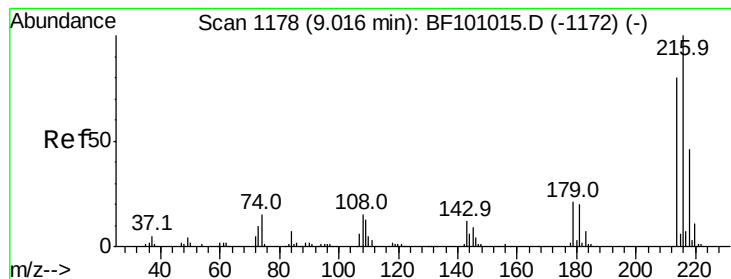
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	43.7	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

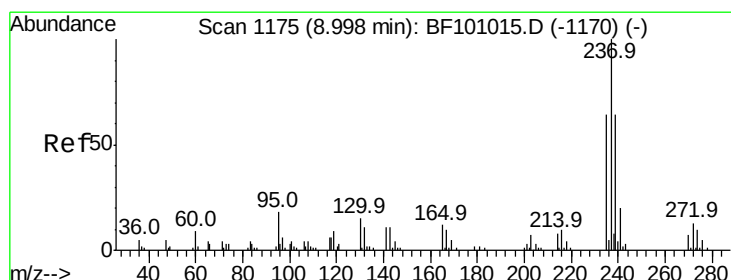
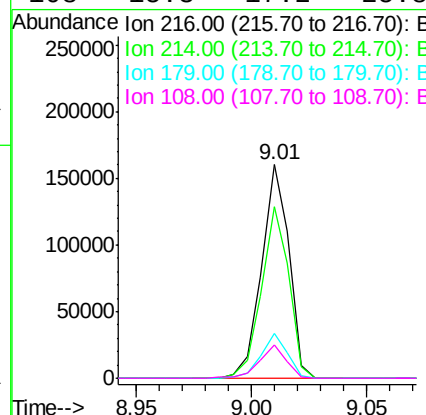
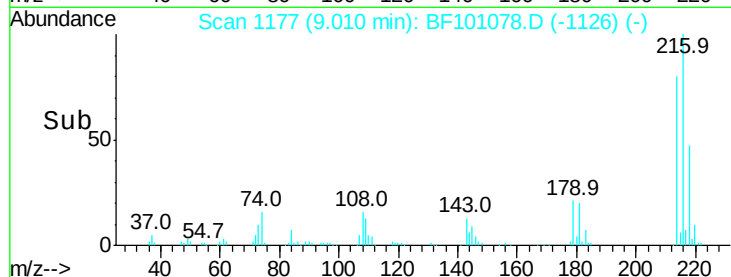
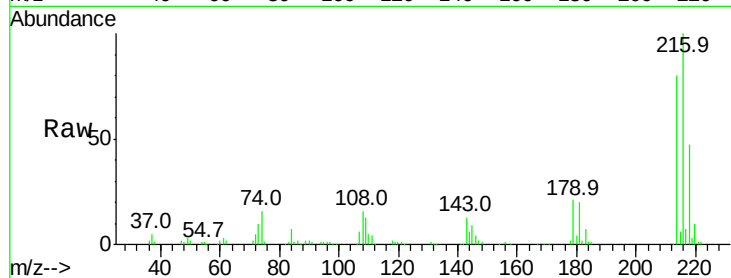




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.674 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

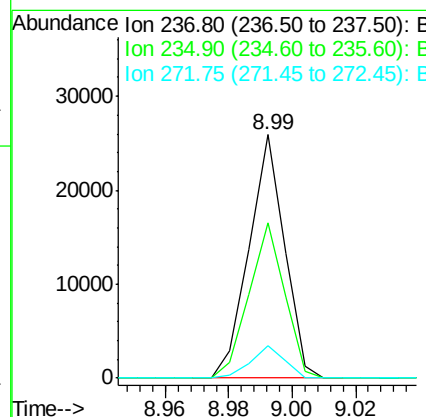
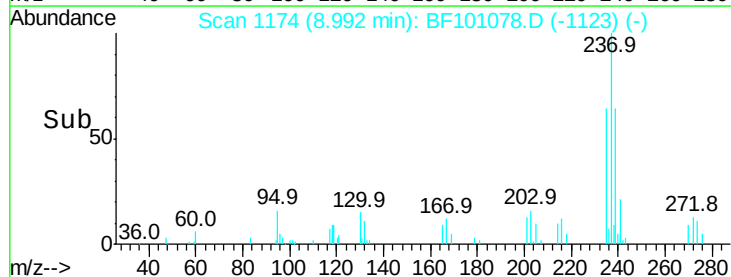
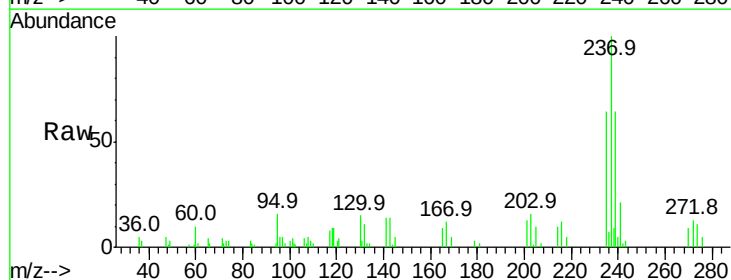
Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

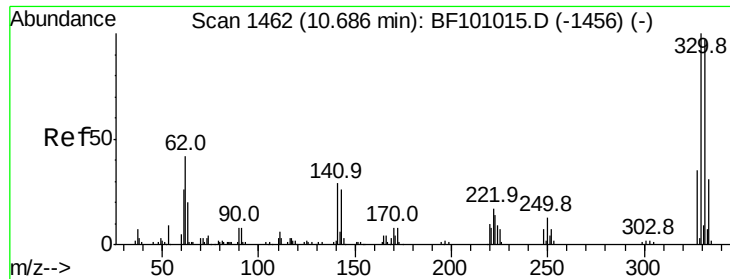
Tot Ion:	216	Resp:	132914
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.0	94.4
179	19.9	18.1	27.1
108	15.3	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 24.119 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion:	237	Resp:	20164
Ion Ratio	Lower	Upper	
237	100		
235	63.8	44.8	84.8
272	13.3	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 113.836 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

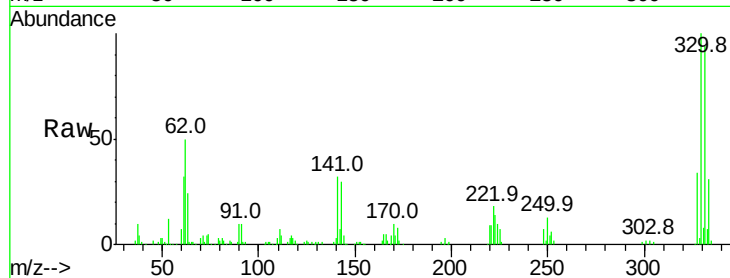
Tot Ion:330 Resp: 117245

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

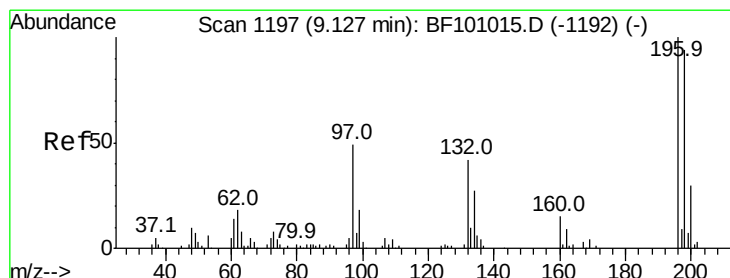
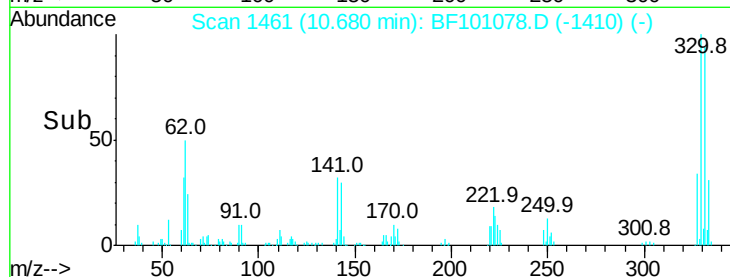
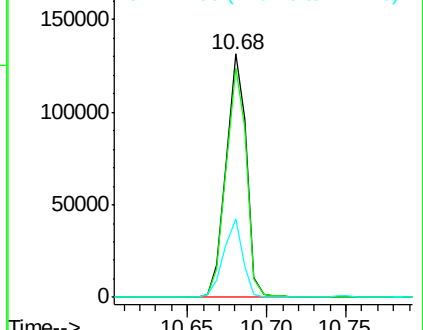
141 30.2 29.9 44.9



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: 48.645 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

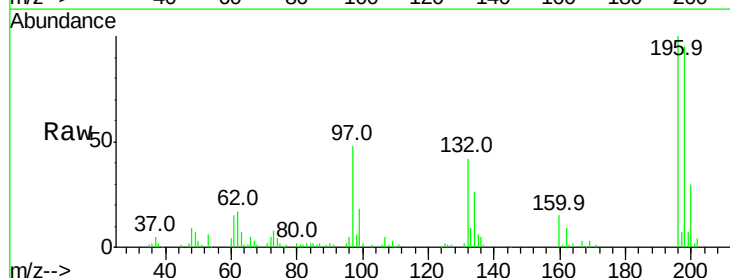
Tgt Ion:196 Resp: 88817

Ion Ratio Lower Upper

196 100

198 94.6 75.7 113.5

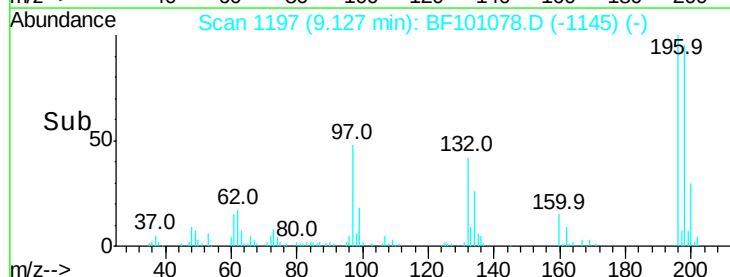
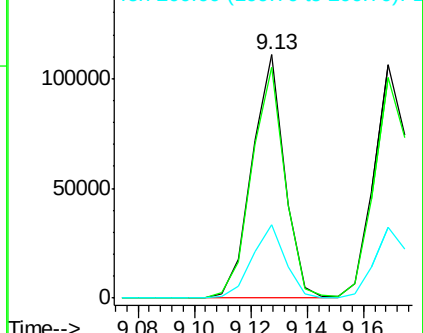
200 30.3 24.5 36.7

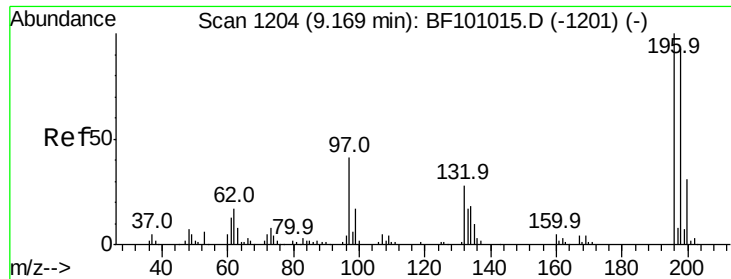


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

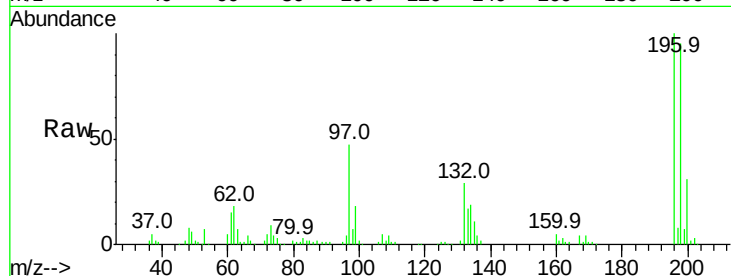




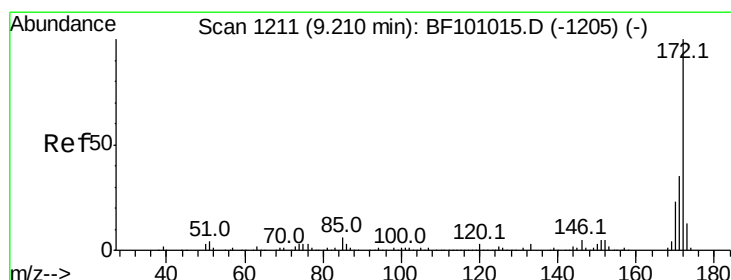
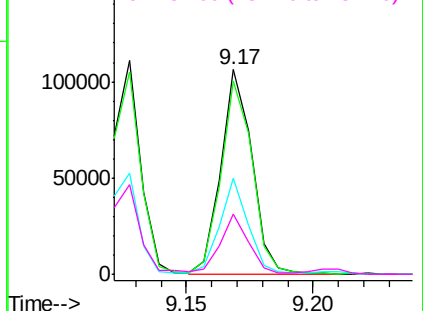
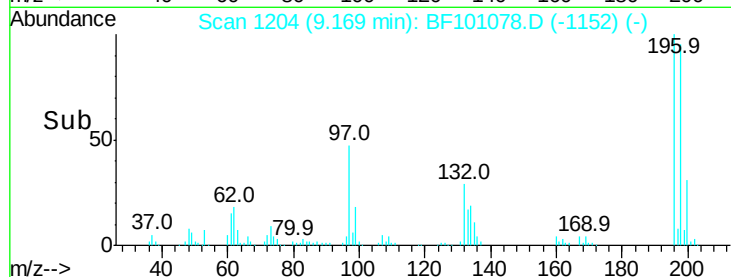
#43
 2,4,5-Trichlorophenol
 Concen: 46.540 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

Tot Ion:	196	Resp:	90845
Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	47.3	42.9	64.3
132	29.3	26.3	39.5

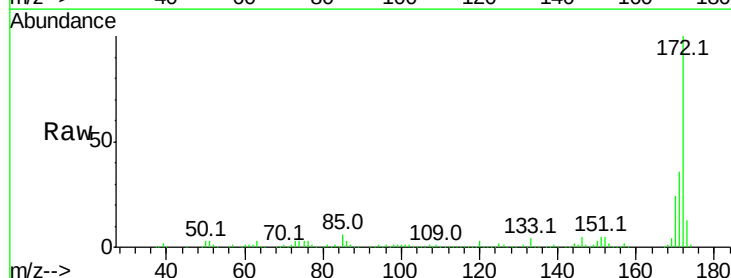


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

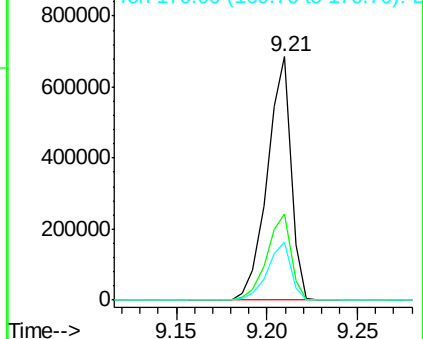
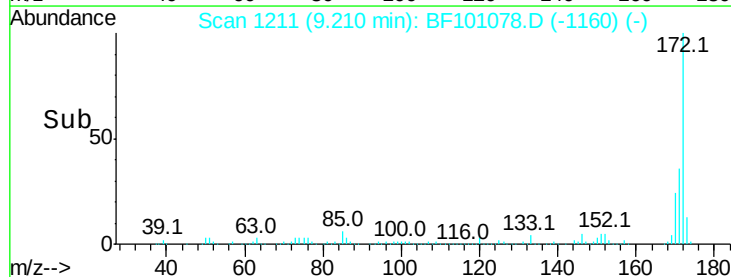


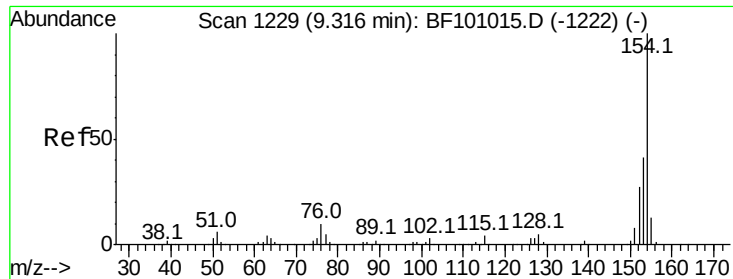
#44
 2-Fluorobiphenyl
 Concen: 99.402 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion:	172	Resp:	622891
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	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: 42.728 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

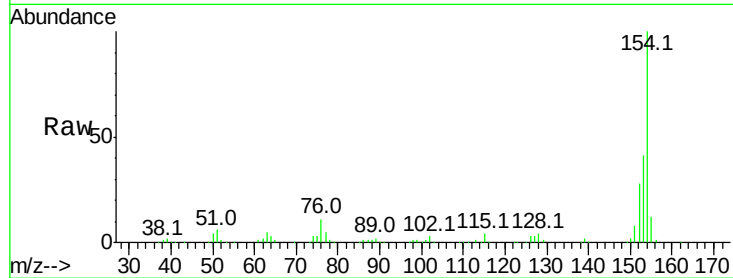
Tot Ion:154 Resp: 335637

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

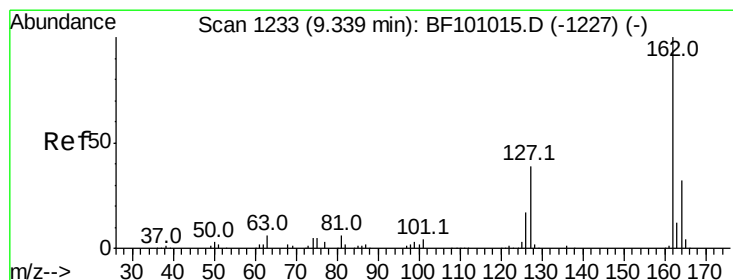
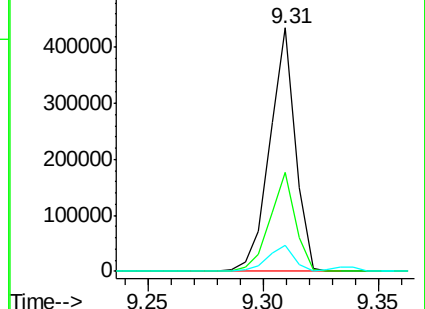
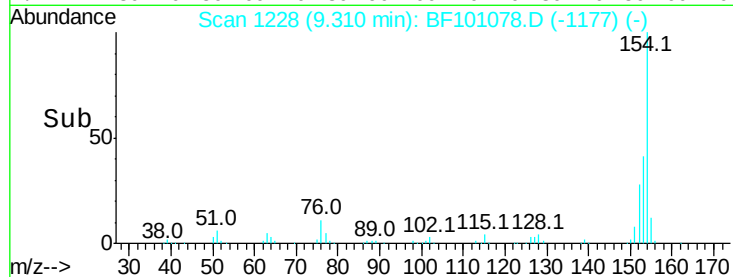
76 10.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 47.628 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

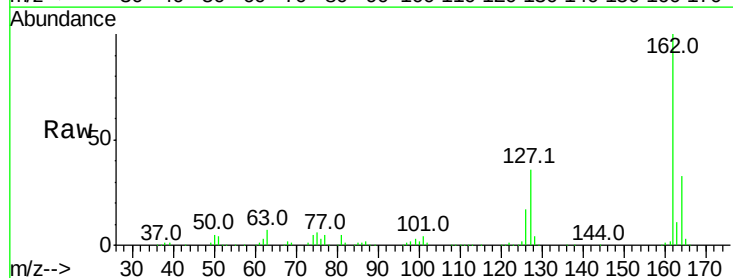
Tgt Ion:162 Resp: 265699

Ion Ratio Lower Upper

162 100

127 36.5 33.9 50.9

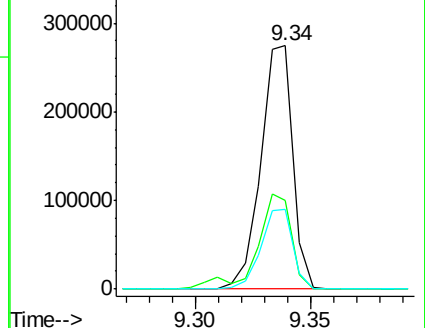
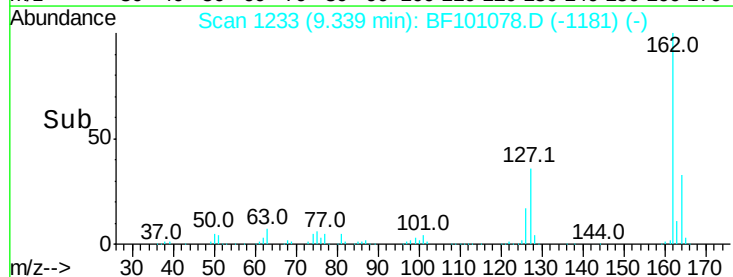
164 32.7 26.5 39.7

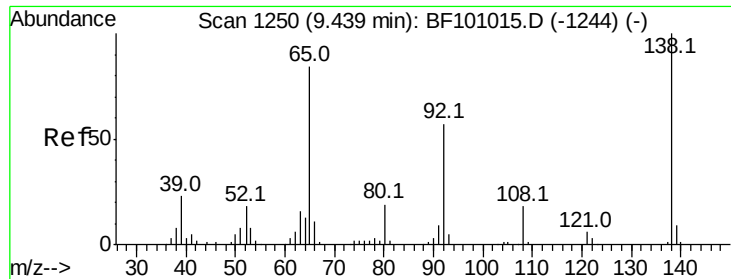


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

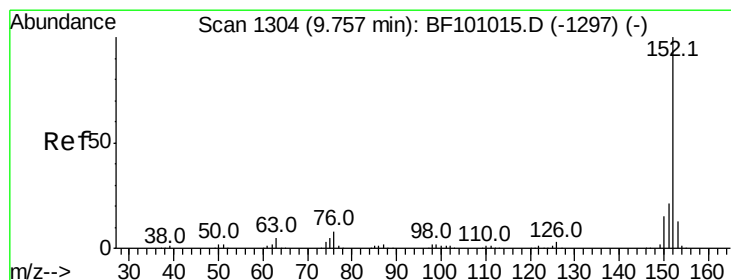
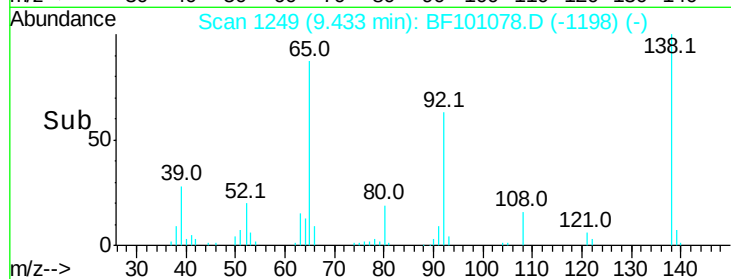
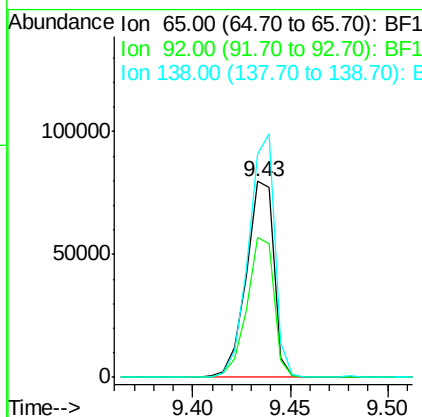
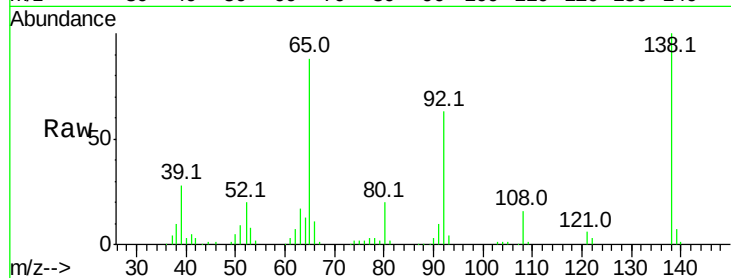




#47
2-Nitroaniline
Concen: 47.279 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

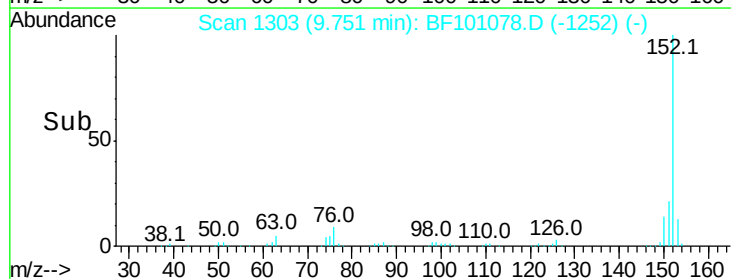
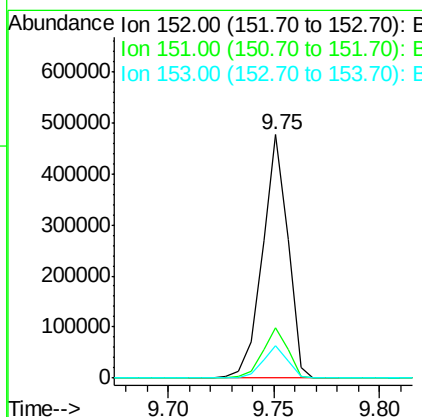
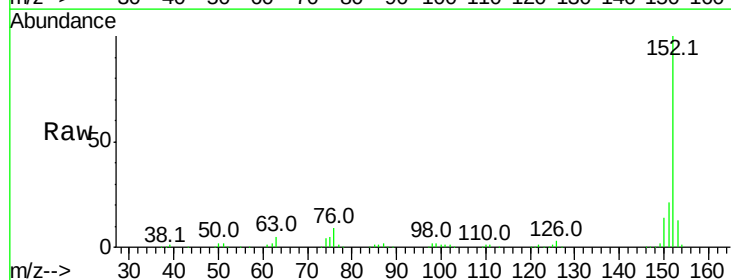
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

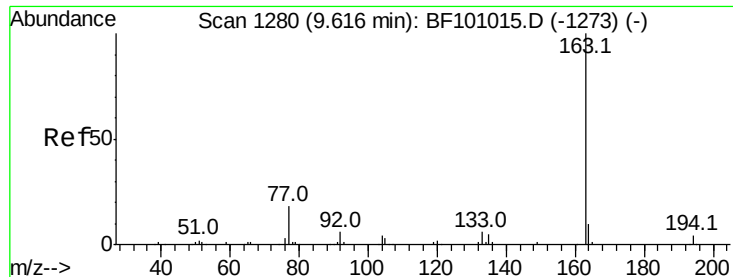
Tot Ion: 65 Resp: 78034
Ion Ratio Lower Upper
65 100
92 71.4 55.8 83.6
138 113.8 91.2 136.8



#48
Acenaphthylene
Concen: 43.330 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion: 152 Resp: 397245
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.1 10.7 16.1

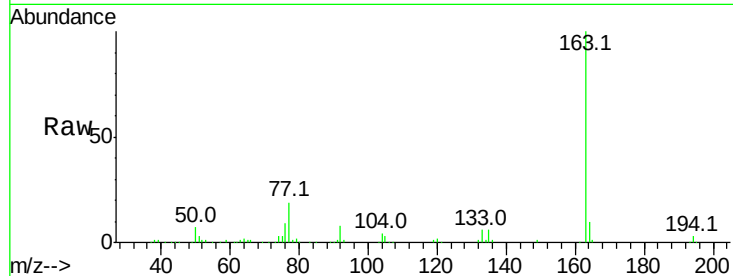




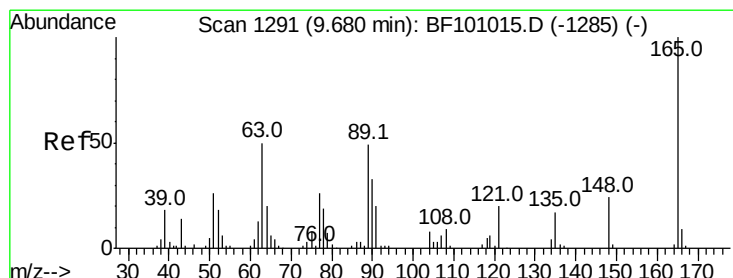
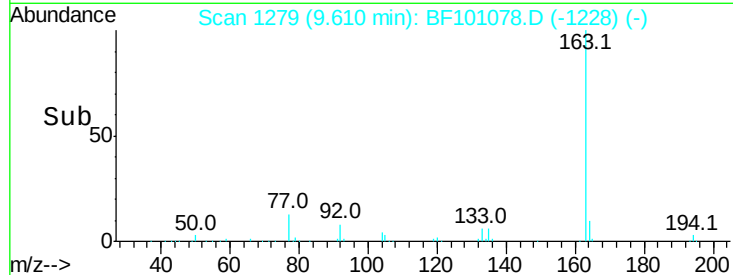
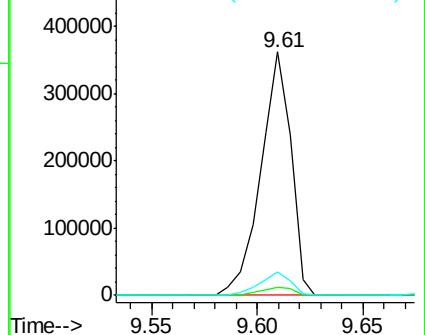
#49
Dimethylphthalate
Concen: 52.177 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

Tot Ion:163 Resp: 360775
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.8 8.2 12.2

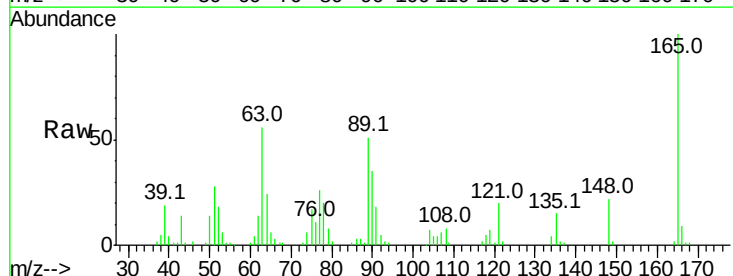


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

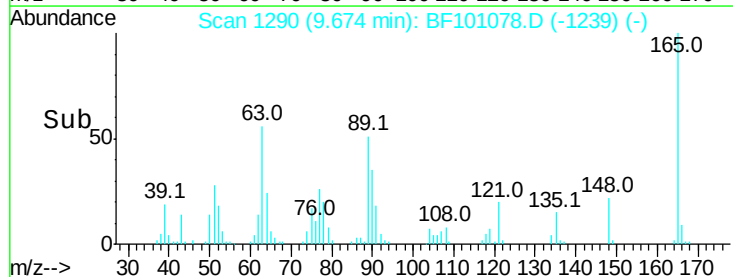
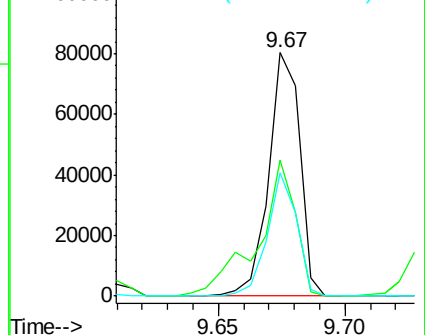


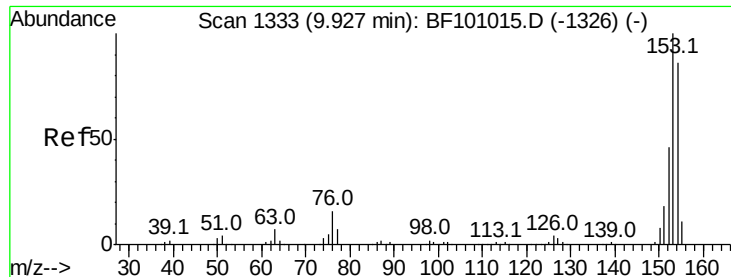
#50
2,6-Dinitrotoluene
Concen: 46.700 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:165 Resp: 68012
Ion Ratio Lower Upper
165 100
63 56.0 44.7 67.1
89 50.8 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: 42.084 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

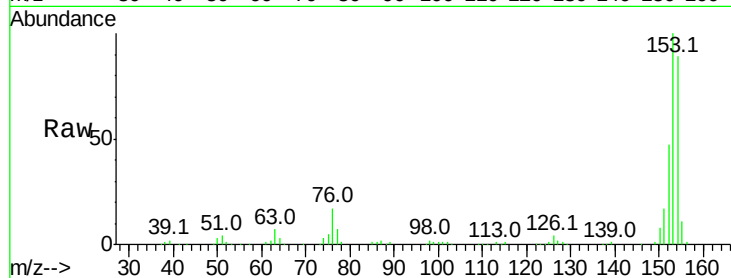
Tot Ion:154 Resp: 231027

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

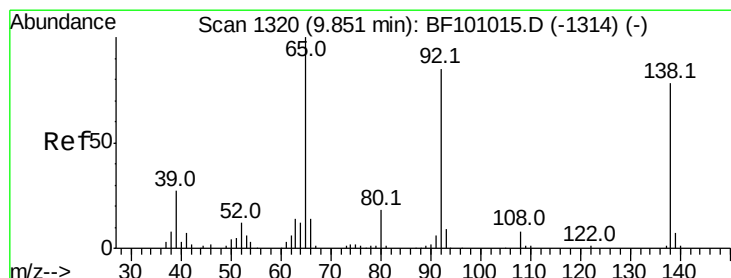
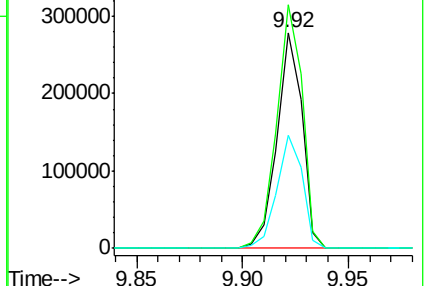
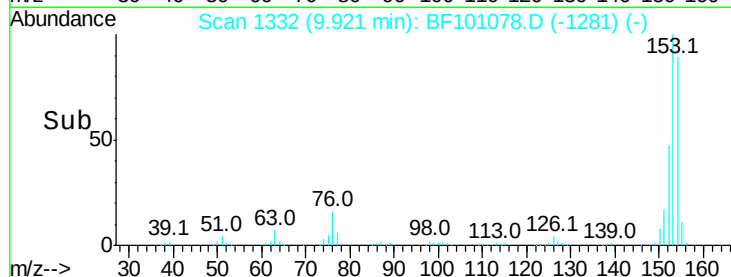
152 52.6 43.8 65.8



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: 35.467 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

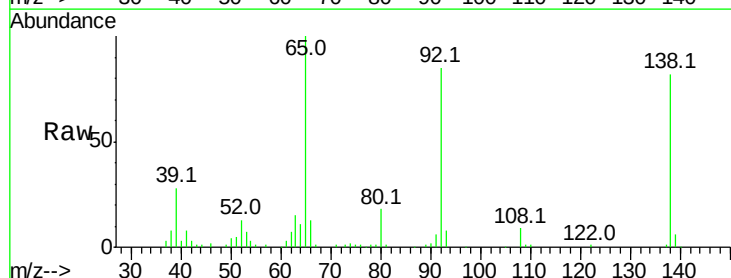
Tgt Ion:138 Resp: 58087

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

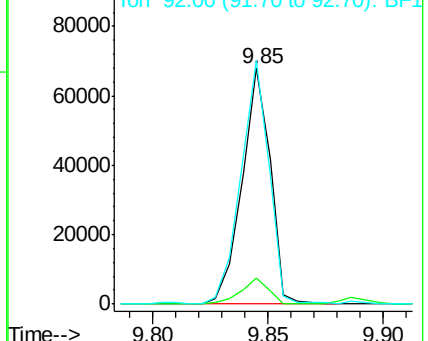
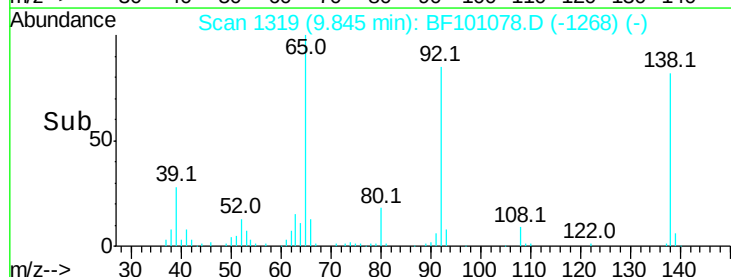
92 103.3 89.4 134.2

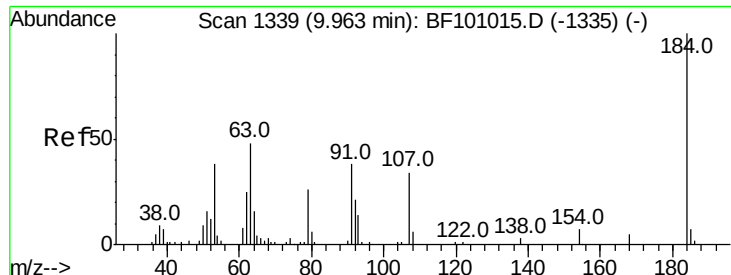


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

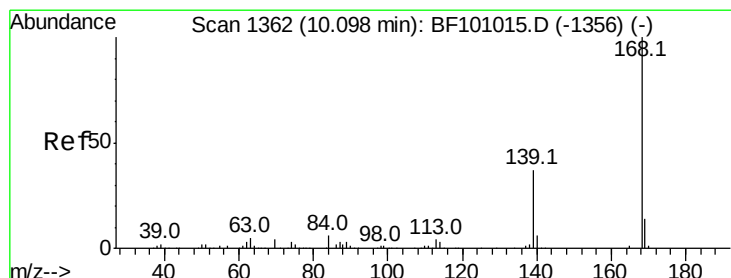
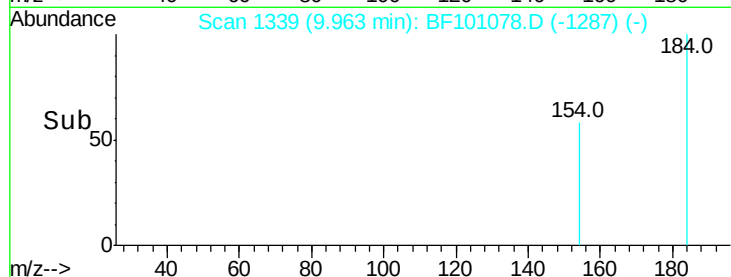
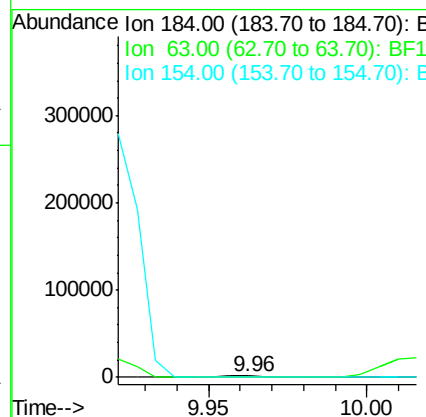
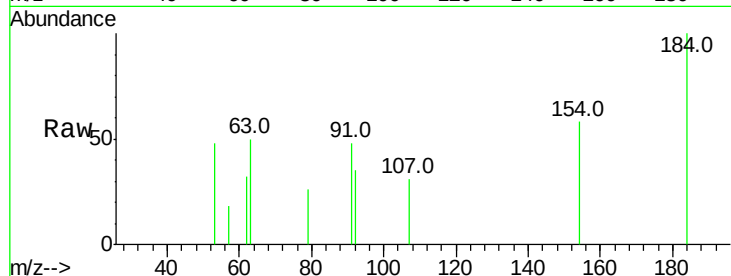




#53
 2,4-Dinitrophenol
 Concen: 6.989 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

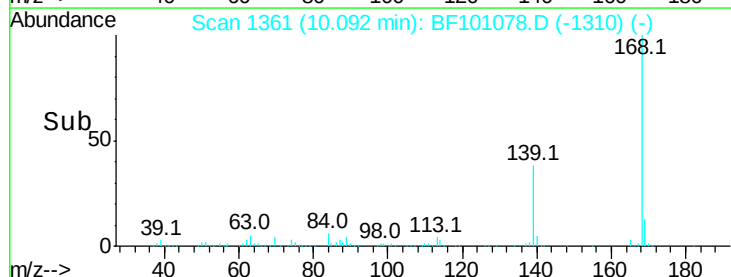
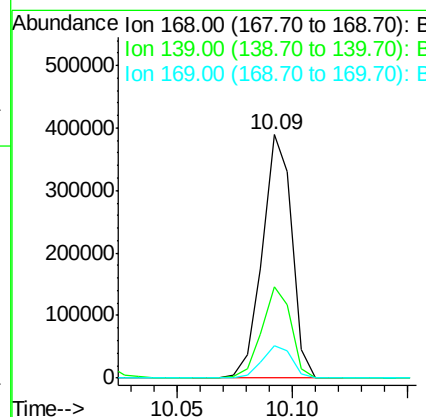
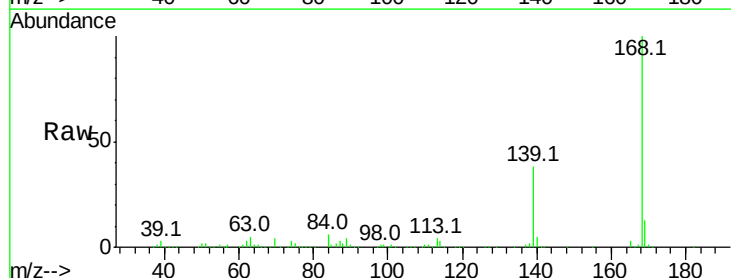
Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

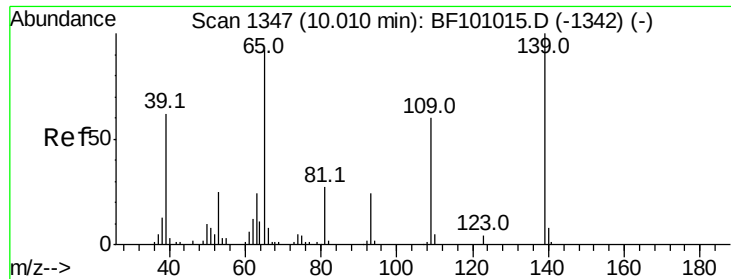
Tot Ion:184 Resp: 1723
 Ion Ratio Lower Upper
 184 100
 63 50.5 54.2 81.2#
 154 58.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.810 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion:168 Resp: 346585
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.1 45.1
 169 13.5 10.9 16.3

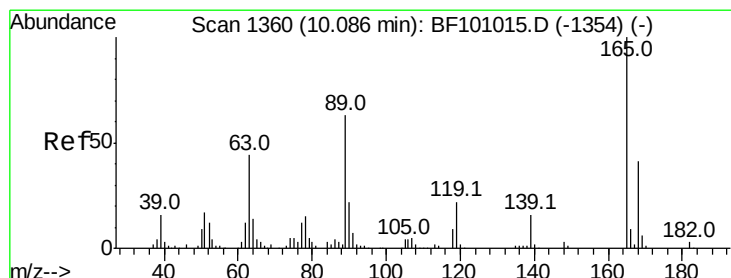
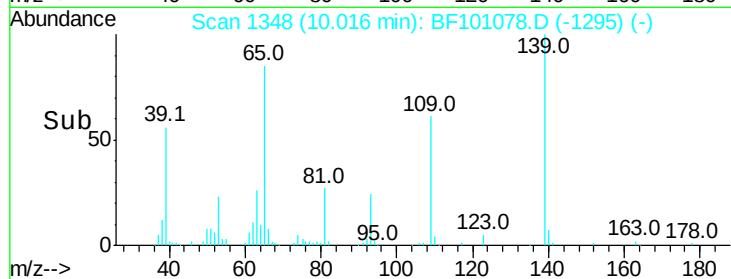
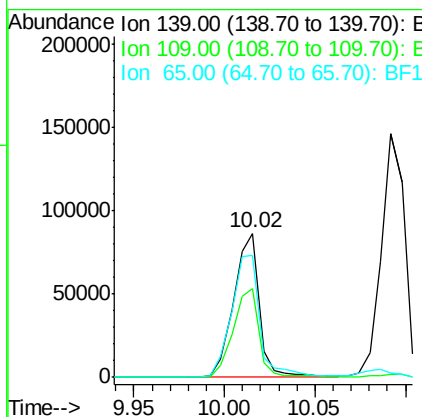
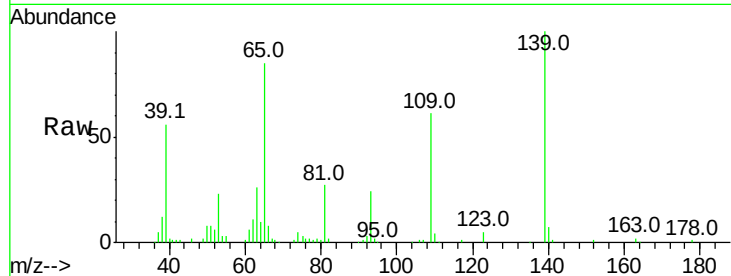




#55
4-Nitrophenol
Concen: 77.555 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

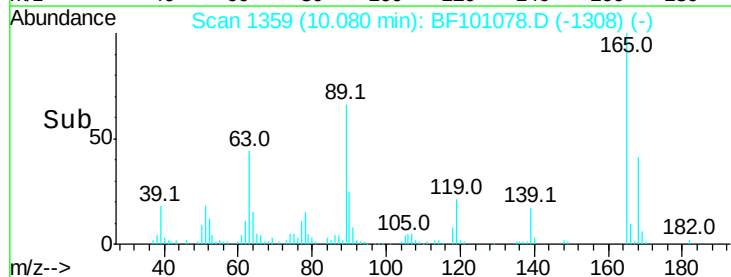
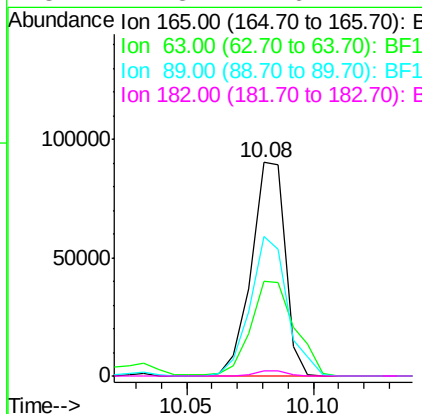
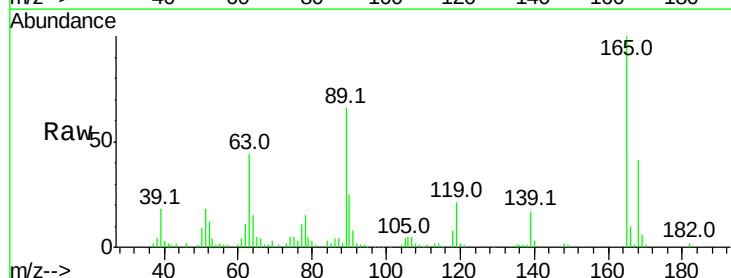
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

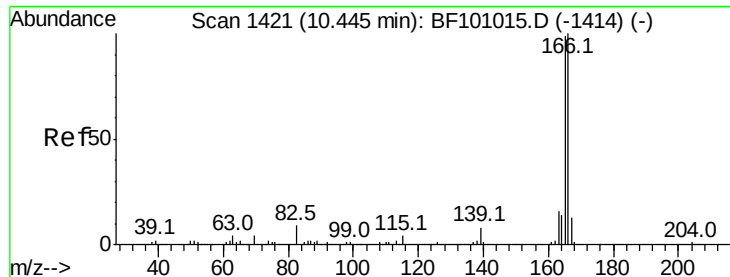
Tot Ion:139 Resp: 85660
Ion Ratio Lower Upper
139 100
109 61.4 48.4 88.4
65 84.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.224 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:165 Resp: 84363
Ion Ratio Lower Upper
165 100
63 44.4 36.4 54.6
89 65.6 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 41.621 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

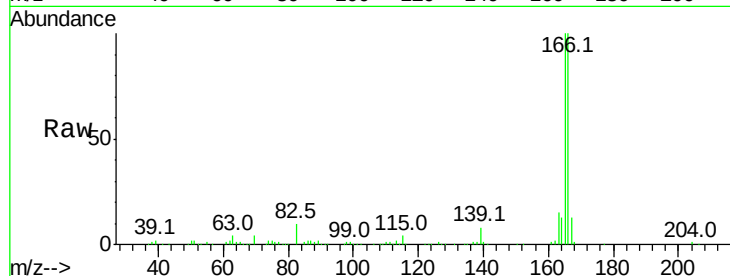
Tot Ion:166 Resp: 267664

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

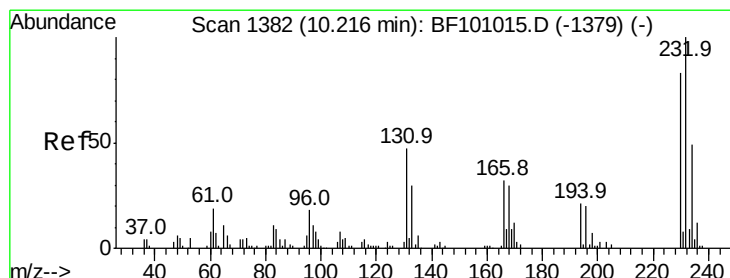
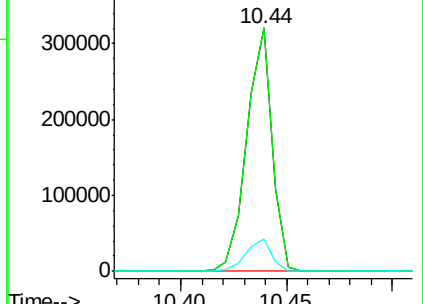
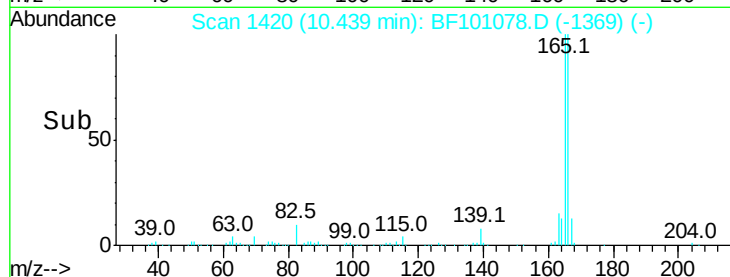
167 13.1 10.6 16.0



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: 40.925 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Tgt Ion:232 Resp: 63961

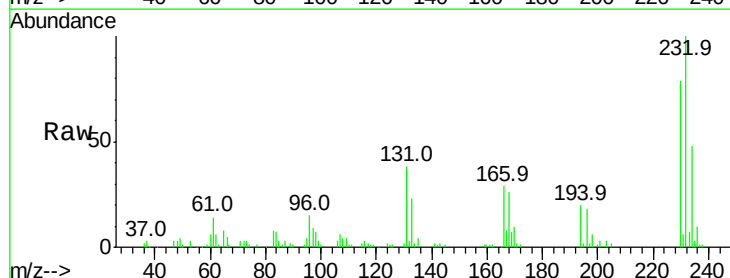
Ion Ratio Lower Upper

232 100

131 41.2 43.8 65.8#

130 2.1 2.1 3.1

166 29.7 27.8 41.6

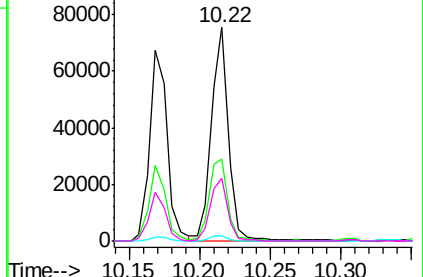
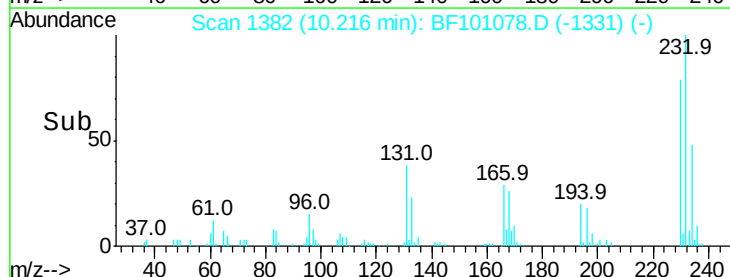


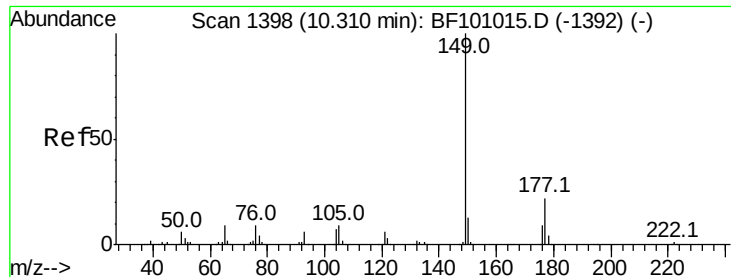
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

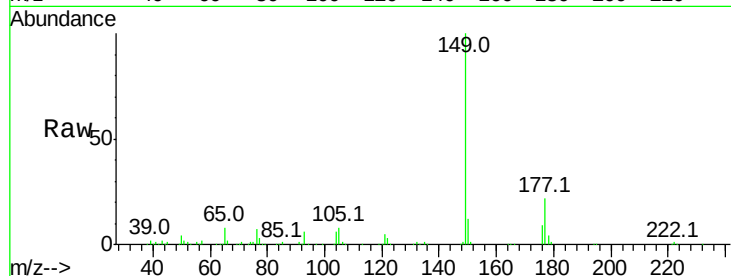




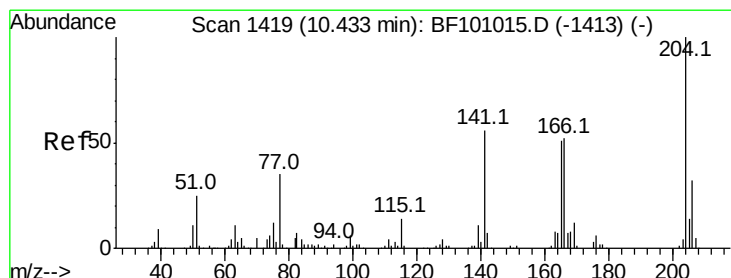
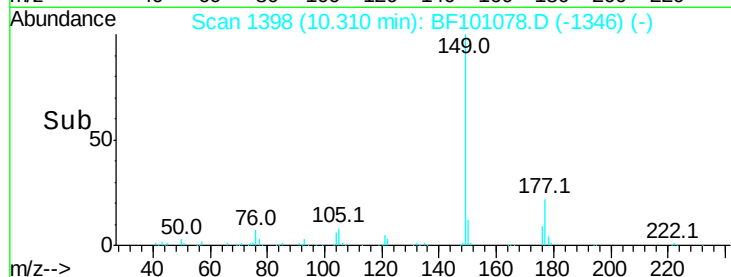
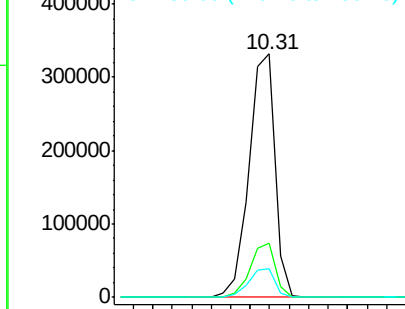
#59
Diethylphthalate
Concen: 44.936 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

Tot Ion:149 Resp: 306466
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 11.7 10.1 15.1

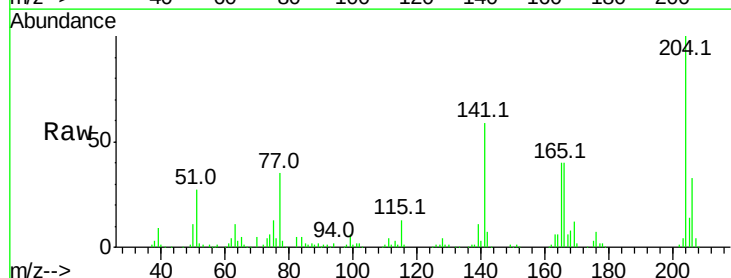


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

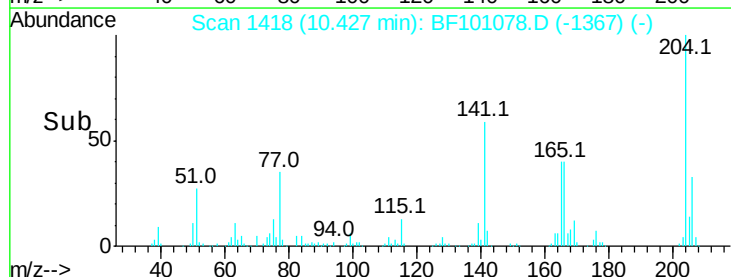
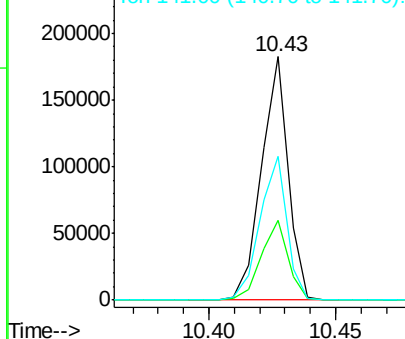


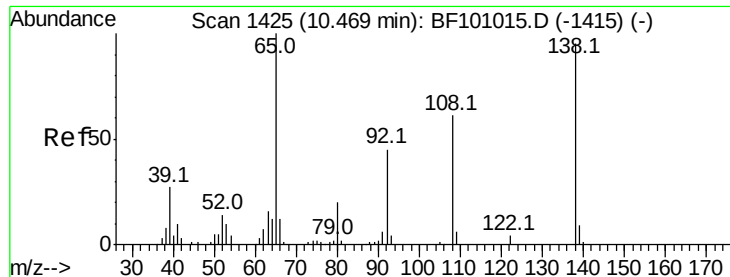
#60
4-Chlorophenyl-phenylether
Concen: 42.557 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:204 Resp: 135131
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 59.2 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: 36.179 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

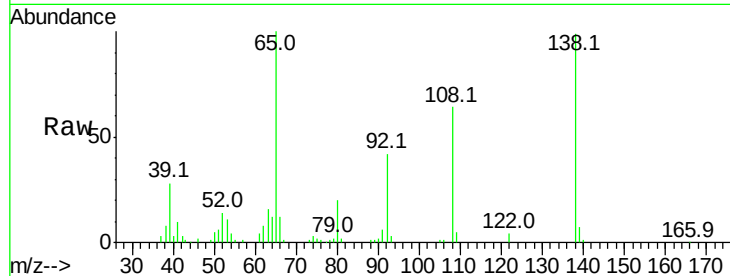
Tot Ion:138 Resp: 61508

Ion Ratio Lower Upper

138 100

92 42.6 30.2 70.2

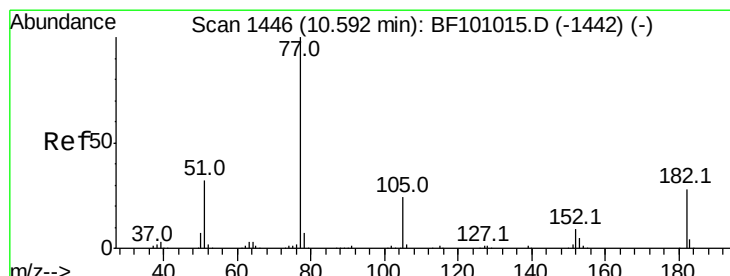
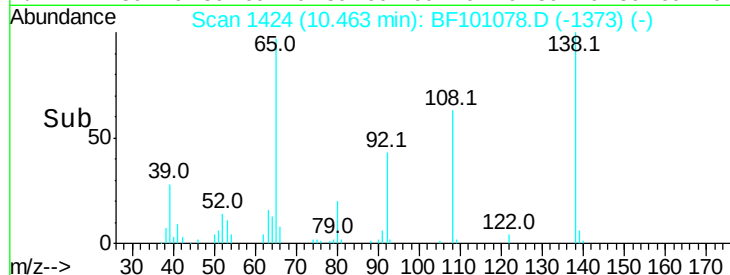
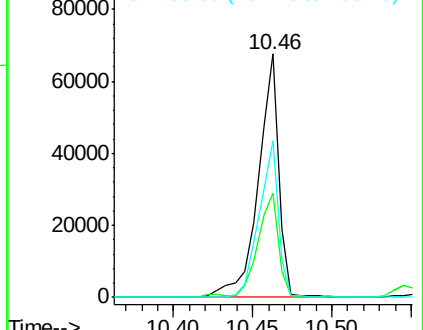
108 64.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.320 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Tgt Ion: 77 Resp: 244942

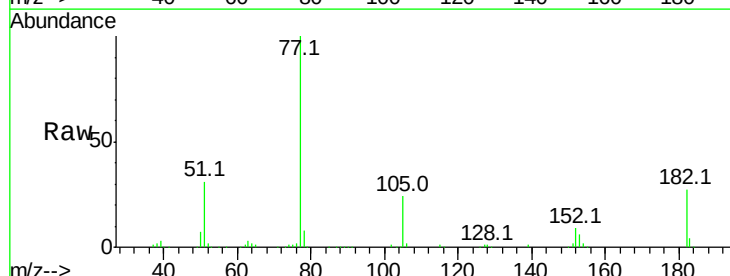
Ion Ratio Lower Upper

77 100

182 27.1 1.7 41.7

105 24.4 3.0 43.0

51 31.3 9.9 49.9

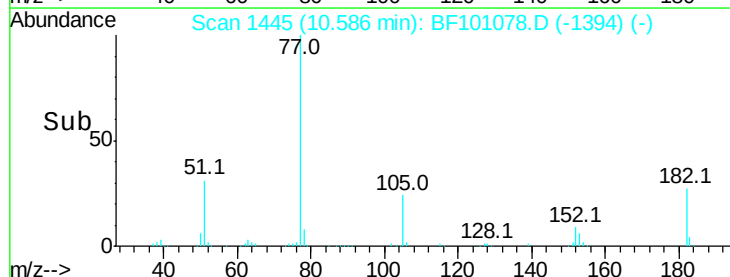
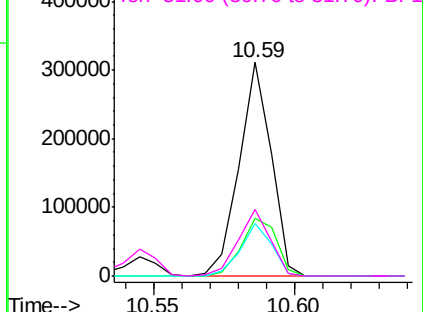


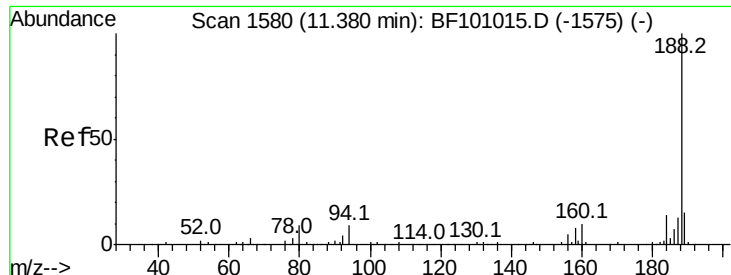
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

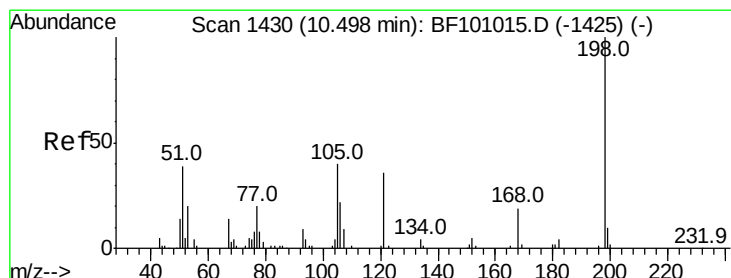
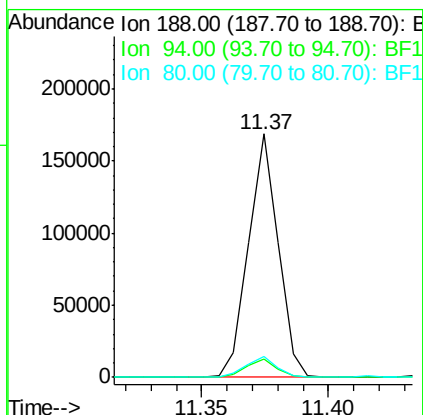
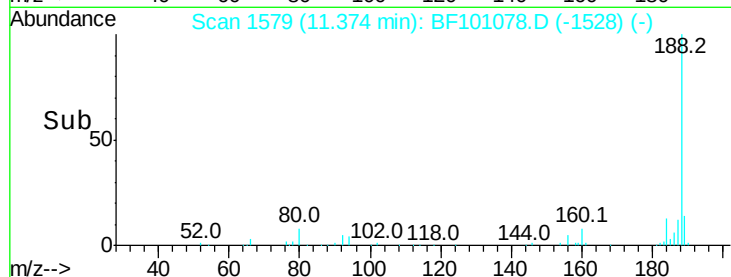
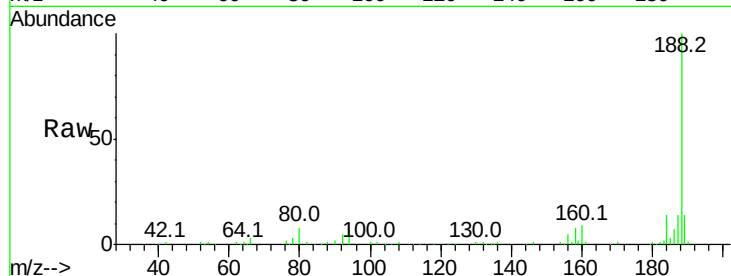




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

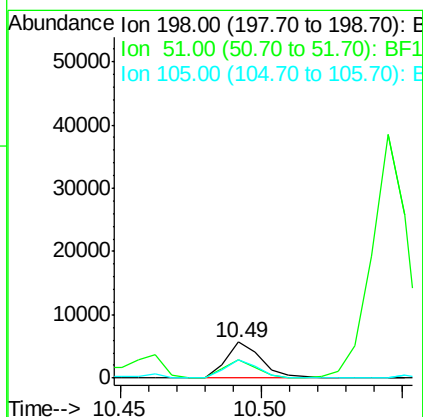
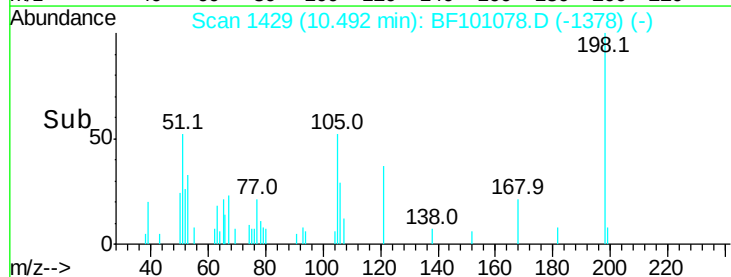
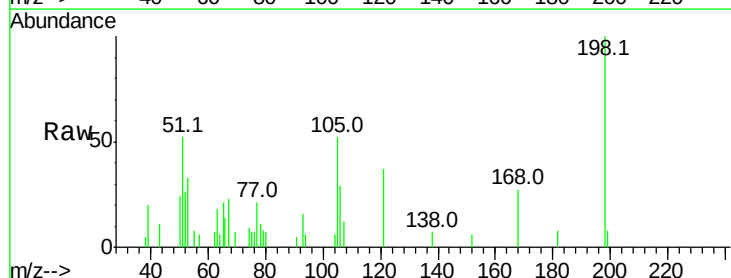
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

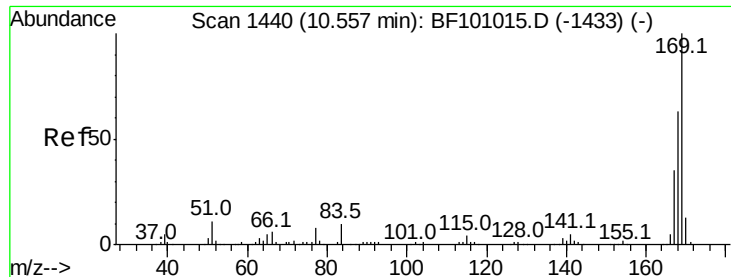
Tot Ion:188 Resp: 138619
Ion Ratio Lower Upper
188 100
94 7.6 8.5 12.7#
80 8.4 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.258 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:198 Resp: 4889
Ion Ratio Lower Upper
198 100
51 51.9 37.7 77.7
105 51.9 36.3 76.3

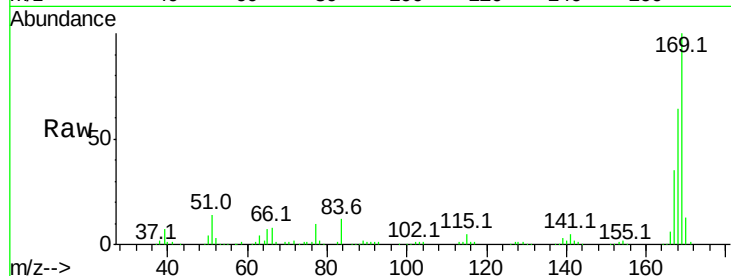




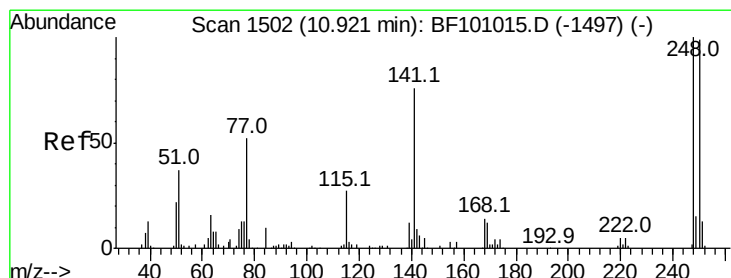
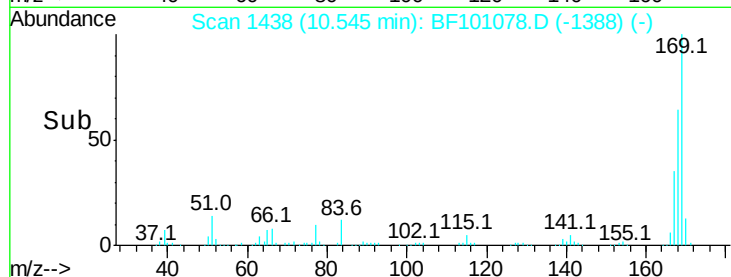
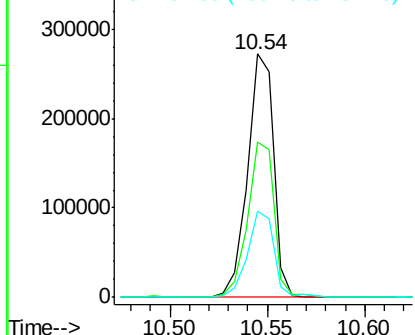
#65
 n-Nitrosodiphenylamine
 Concen: 51.430 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

Tot Ion:169 Resp: 251511
 Ion Ratio Lower Upper
 169 100
 168 63.9 54.4 81.6
 167 35.2 29.8 44.6

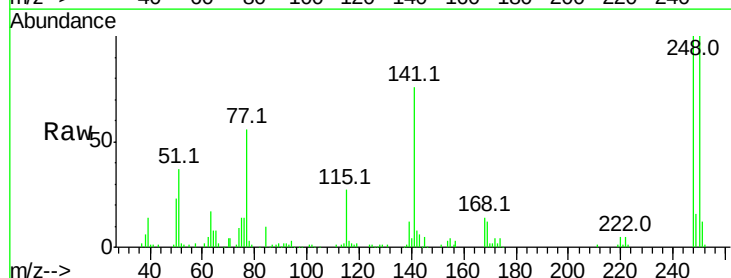


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

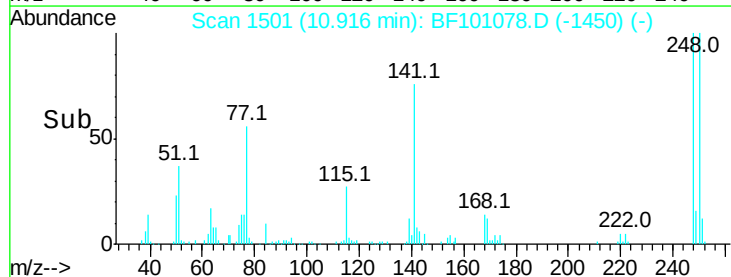
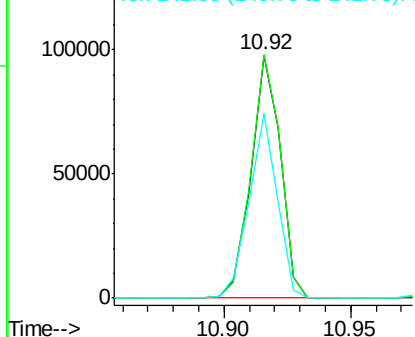


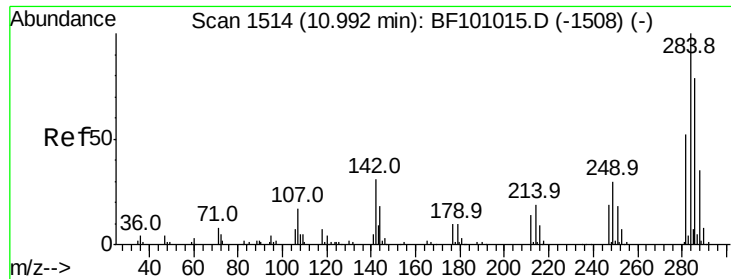
#66
 4-Bromophenyl-phenylether
 Concen: 51.100 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion:248 Resp: 79287
 Ion Ratio Lower Upper
 248 100
 250 100.4 76.9 115.3
 141 76.0 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

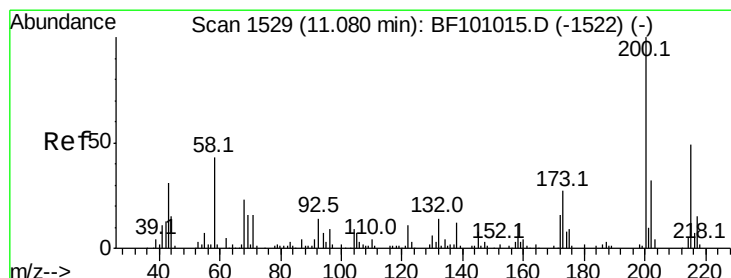
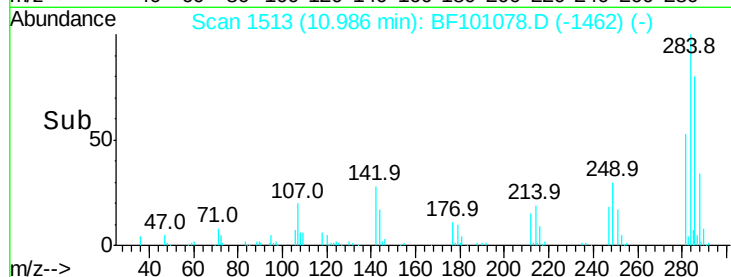
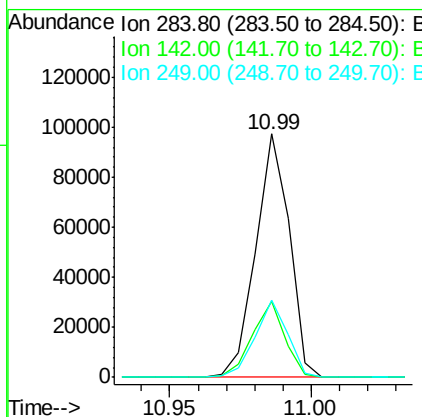
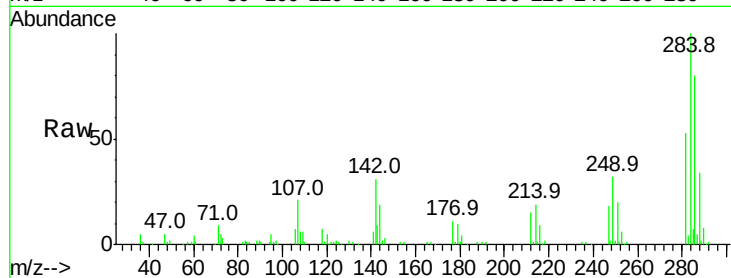




#67
Hexachlorobenzene
Concen: 48.081 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

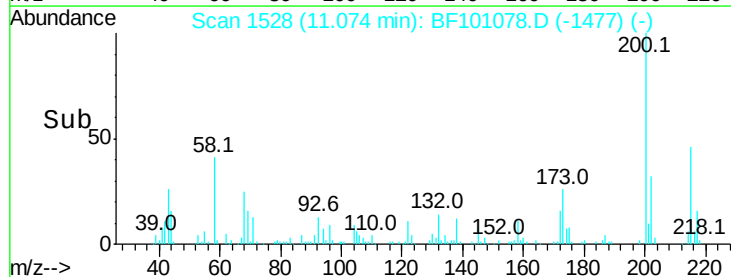
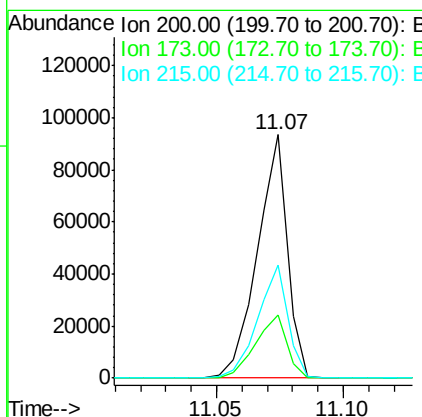
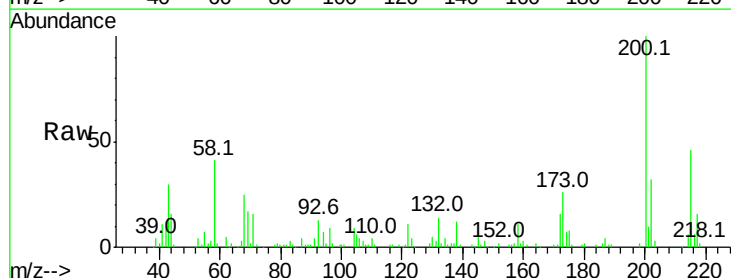
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

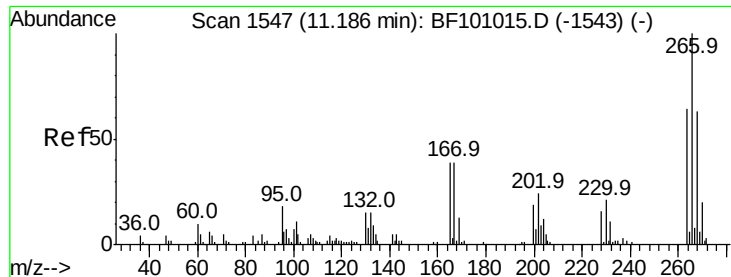
Tot Ion:284 Resp: 79955
Ion Ratio Lower Upper
284 100
142 31.3 34.6 52.0#
249 31.6 24.8 37.2



#68
Atrazine
Concen: 51.623 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:200 Resp: 77439
Ion Ratio Lower Upper
200 100
173 25.8 8.6 48.6
215 46.4 25.1 65.1

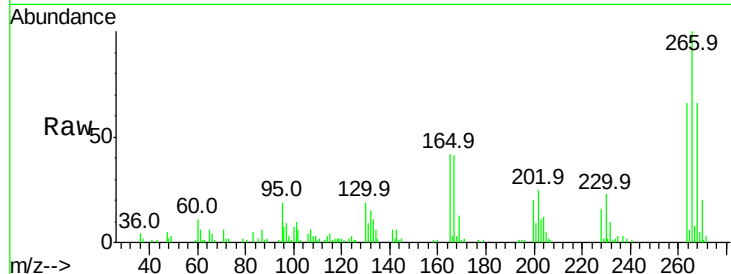




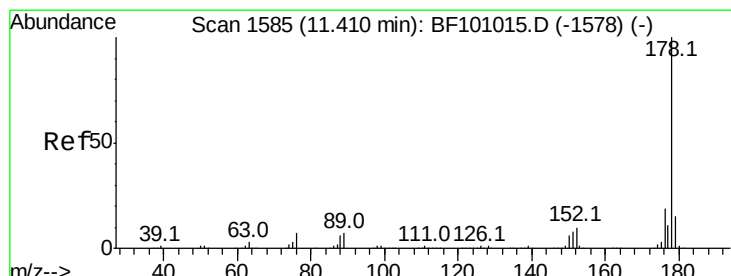
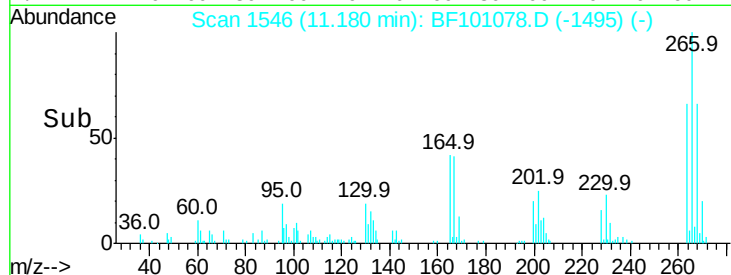
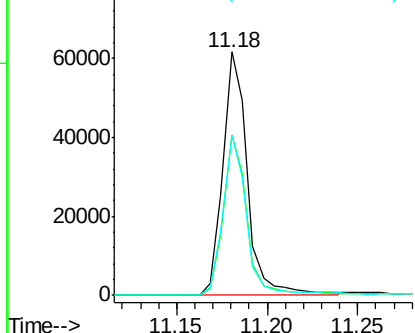
#69
 Pentachlorophenol
 Concen: 63.697 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

Tot Ion:266 Resp: 58241
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.1 76.7
 264 66.1 49.5 74.3

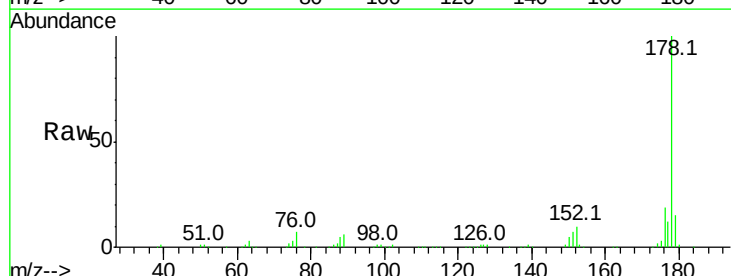


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

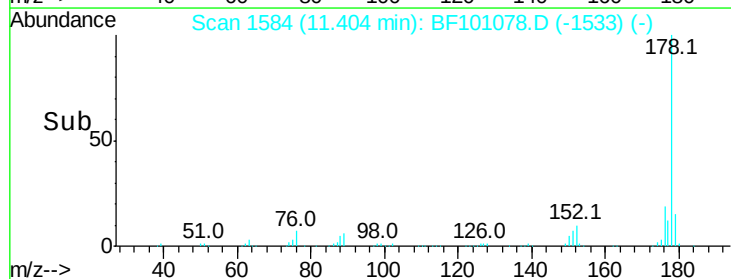
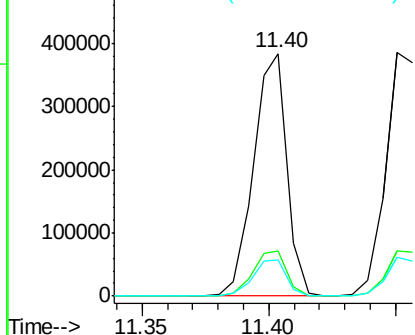


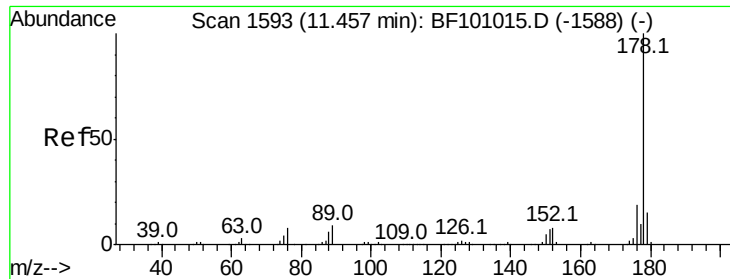
#70
 Phenanthrene
 Concen: 45.780 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion:178 Resp: 349467
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.1 13.0 19.6



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

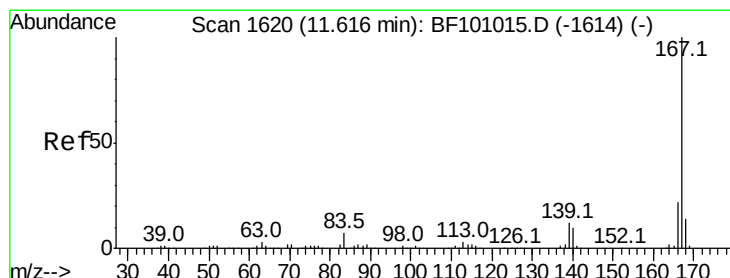
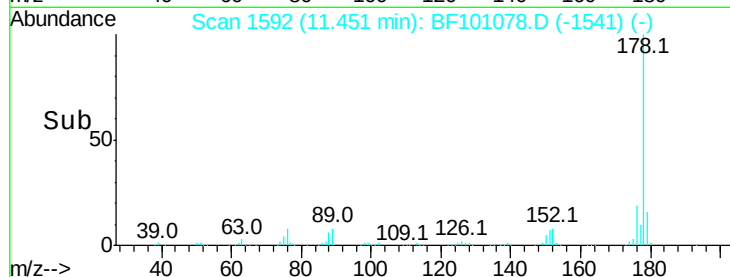
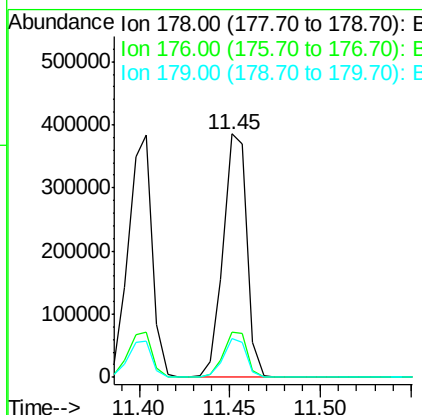
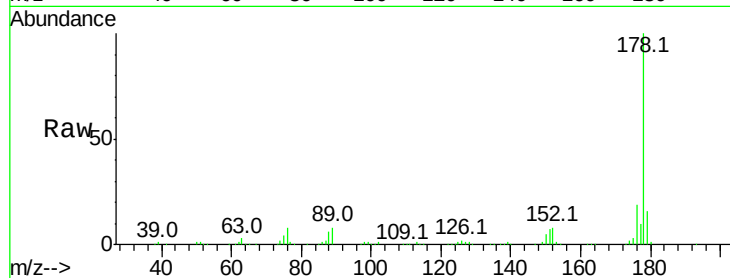




#71
 Anthracene
 Concen: 45.655 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

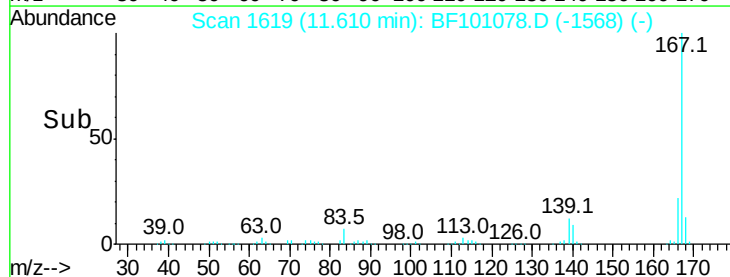
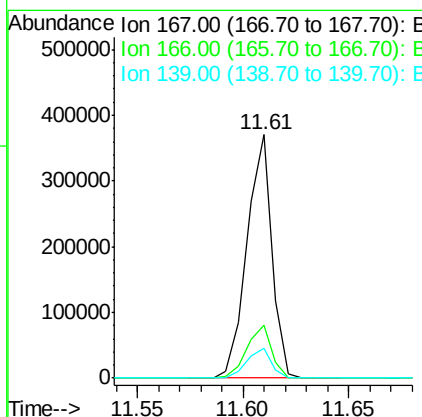
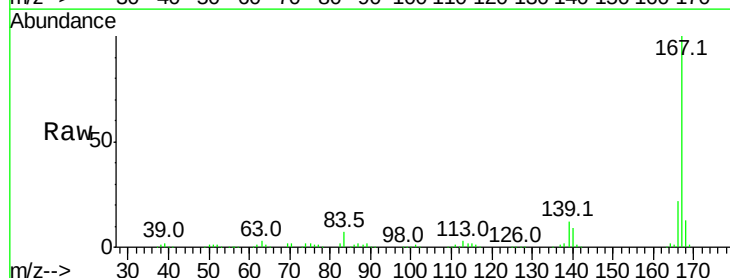
Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

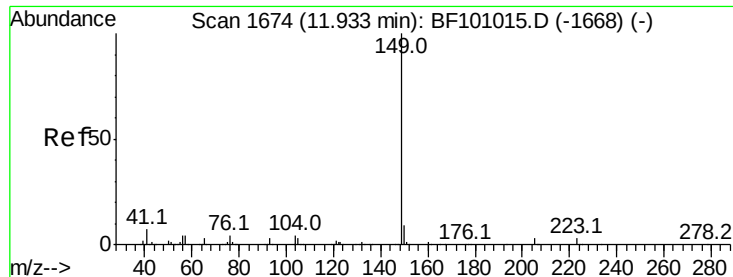
Tot Ion:178 Resp: 352726
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 43.024 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion:167 Resp: 303703
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.762 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

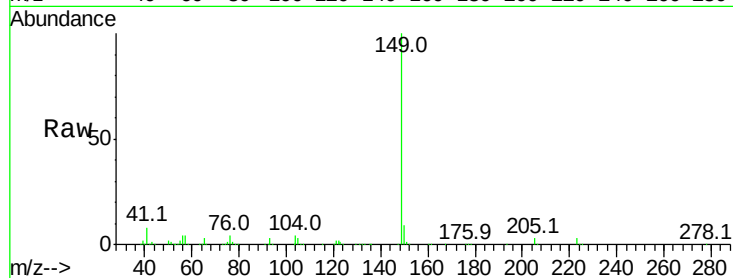
Tot Ion:149 Resp: 422594

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

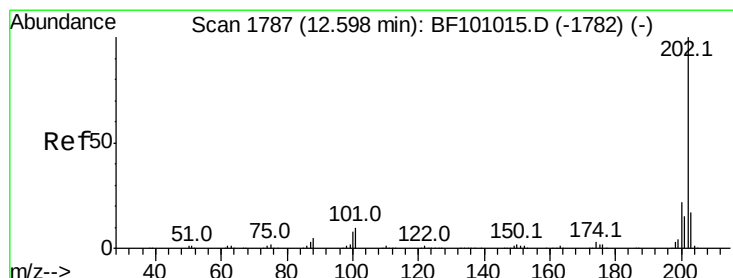
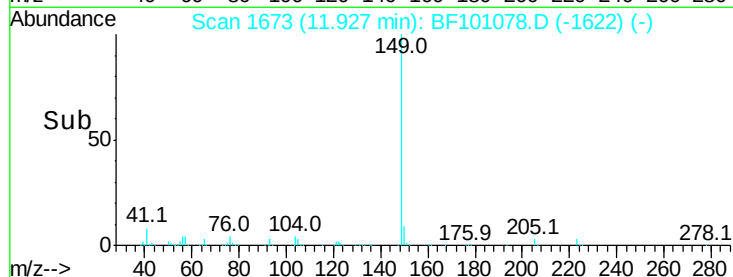
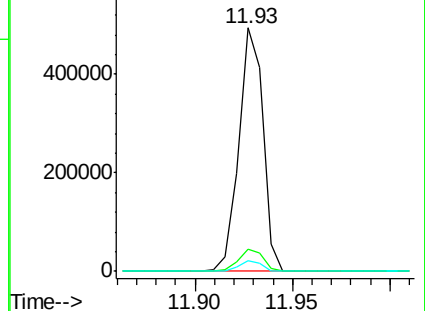
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.063 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

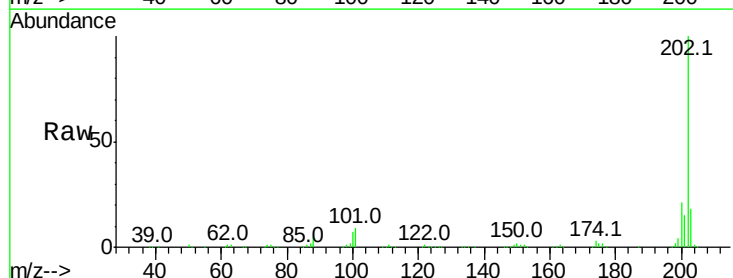
Tgt Ion:202 Resp: 322085

Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.1

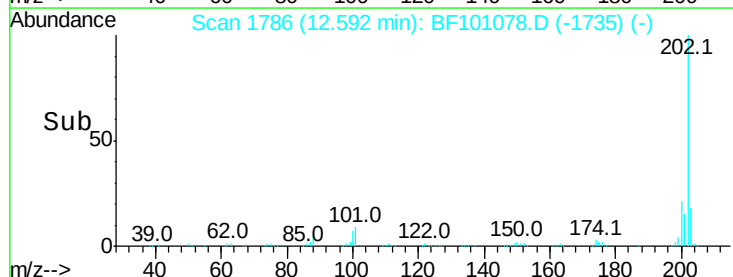
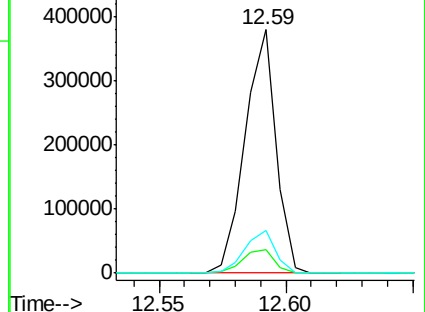
203 17.5 0.0 38.1

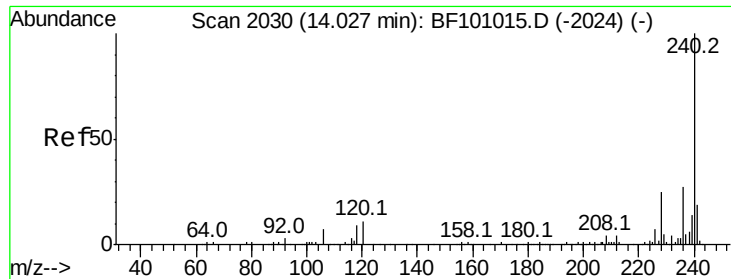


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

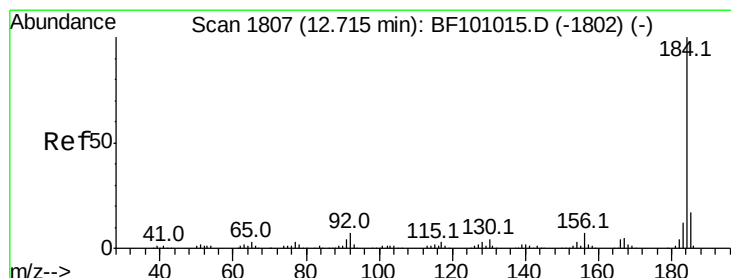
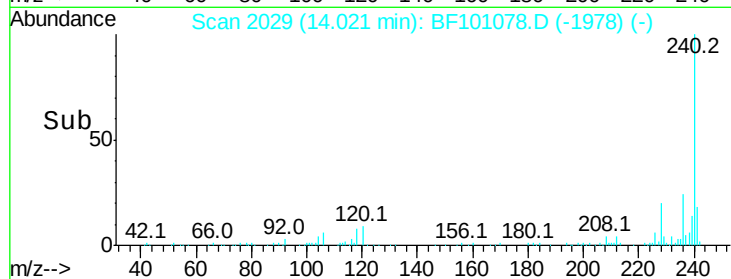
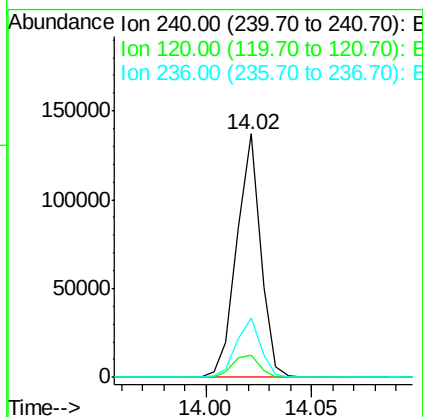
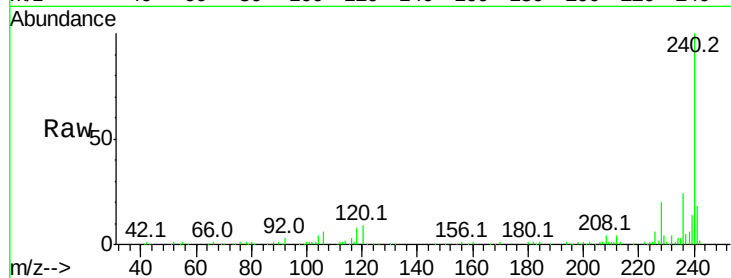




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

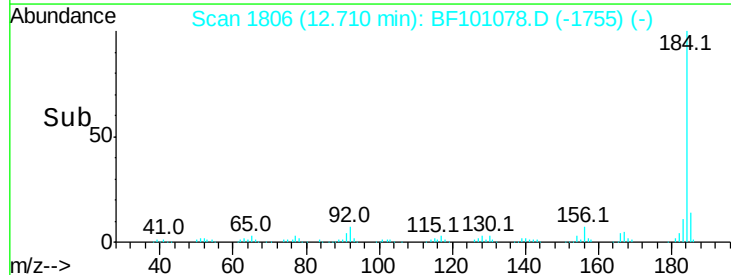
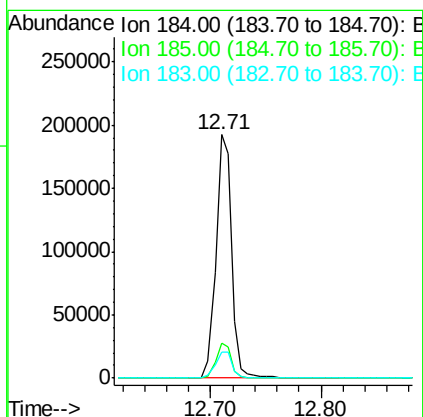
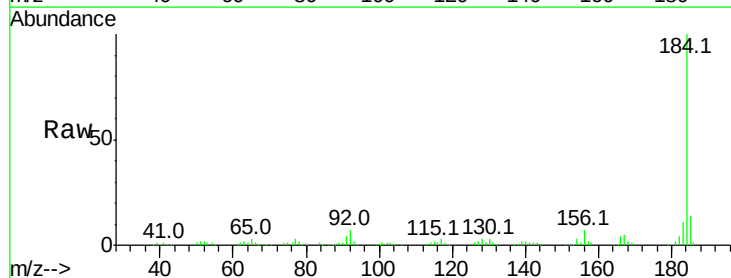
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

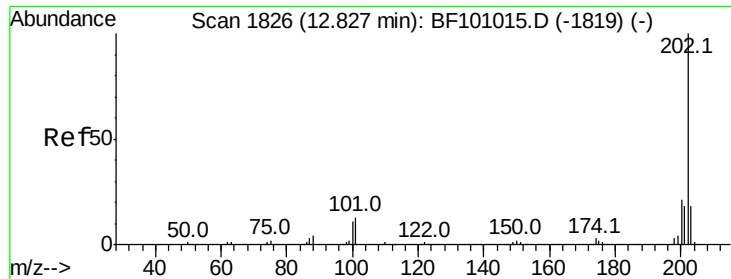
Tot Ion:240 Resp: 106725
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 24.4 20.7 31.1



#76
Benzidine
Concen: 54.431 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:184 Resp: 188903
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 10.6 9.3 13.9

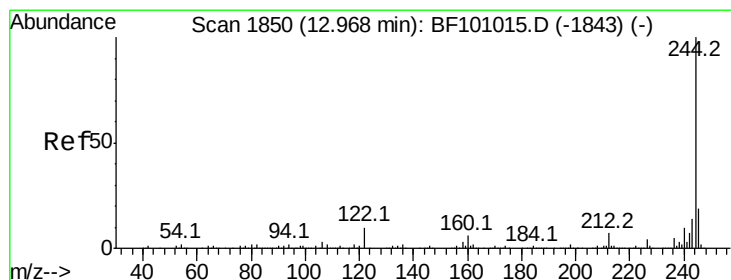
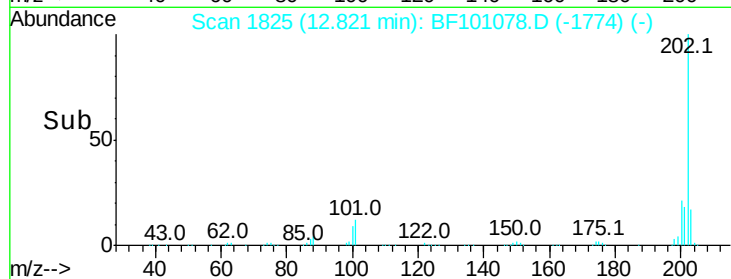
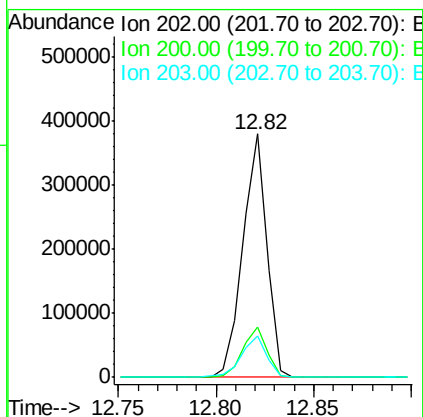
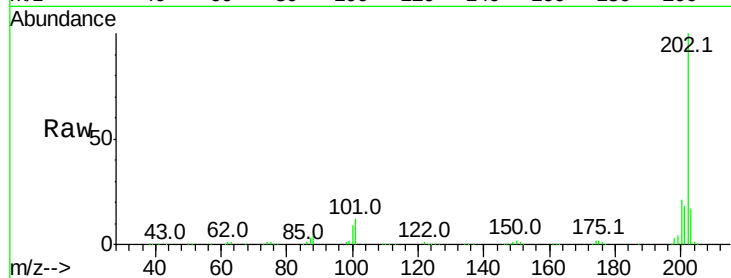




#77
Pvrene
Concen: 44.000 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

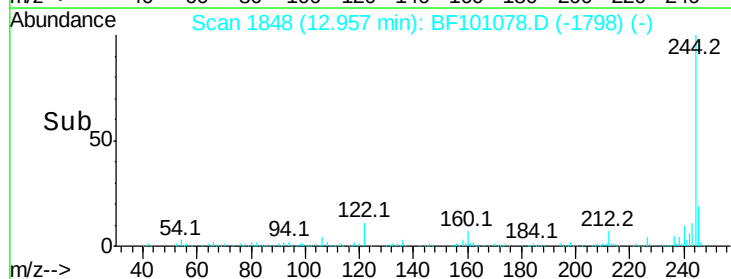
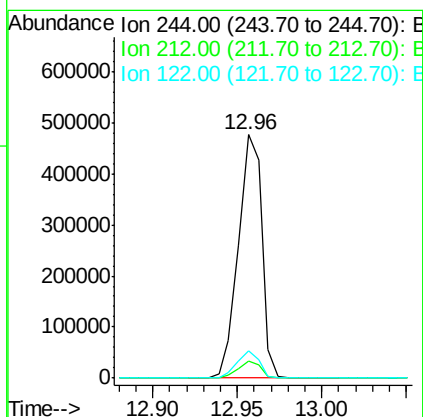
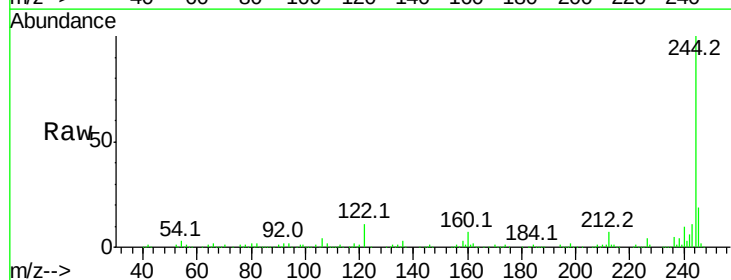
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

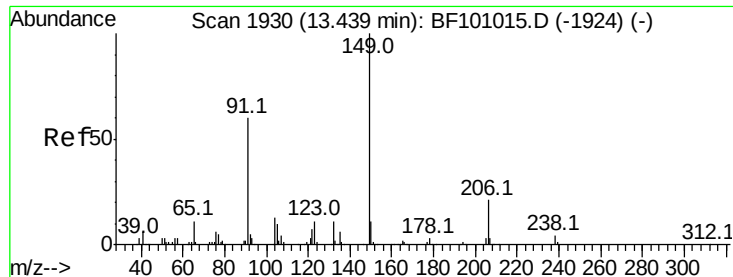
Tot Ion:202 Resp: 324033
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.0 14.3 21.5



#78
Terphenyl-d14
Concen: 94.123 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:244 Resp: 459264
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.1 11.0 16.4

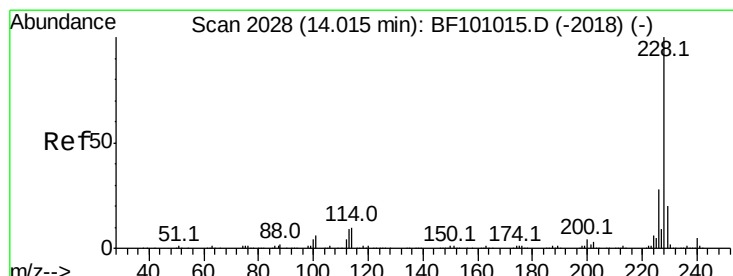
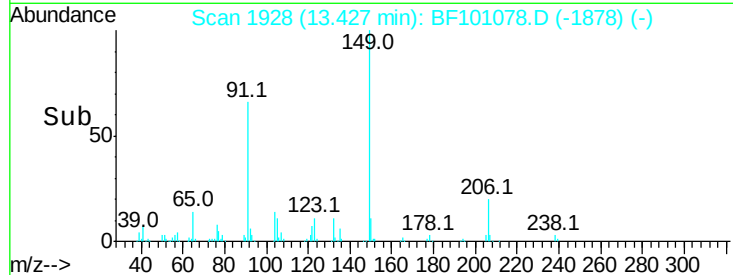
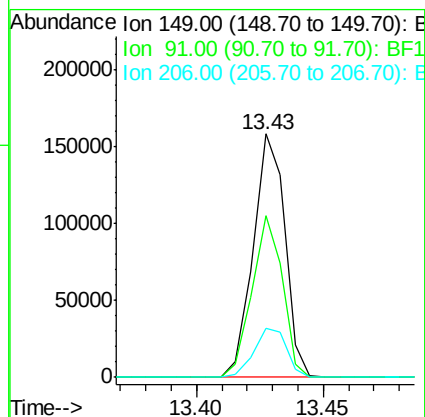
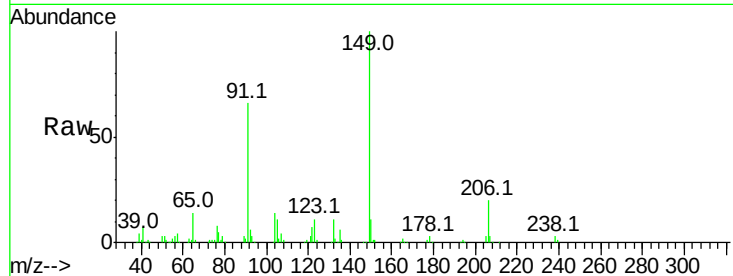




#79
Butylbenzylphthalate
Concen: 42.518 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

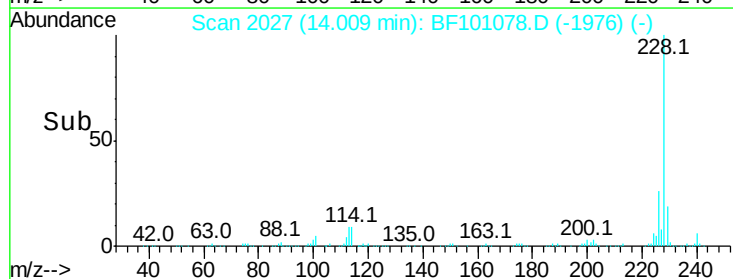
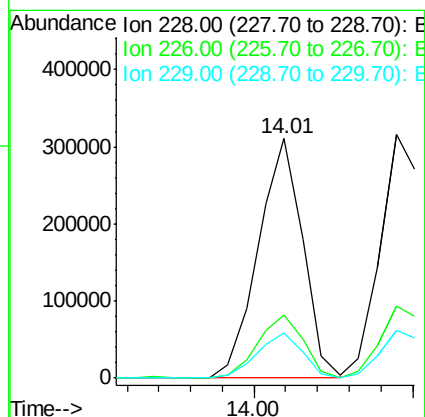
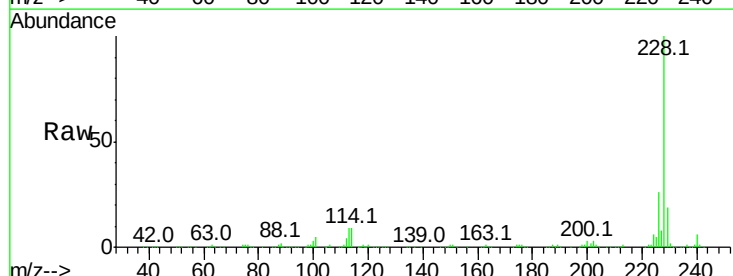
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

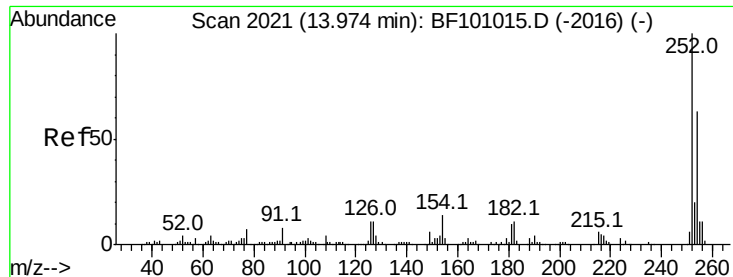
Tot Ion:149 Resp: 138051
Ion Ratio Lower Upper
149 100
91 66.2 56.8 85.2
206 20.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.882 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:228 Resp: 302436
Ion Ratio Lower Upper
228 100
226 26.3 22.6 33.8
229 18.9 15.8 23.6

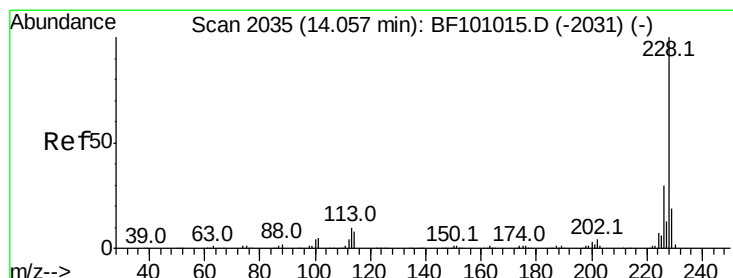
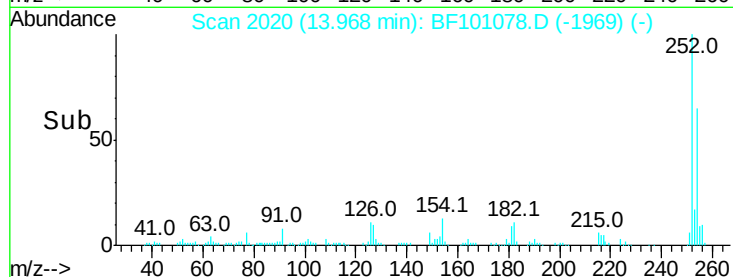
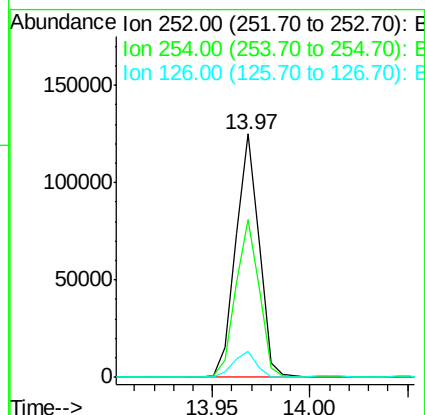
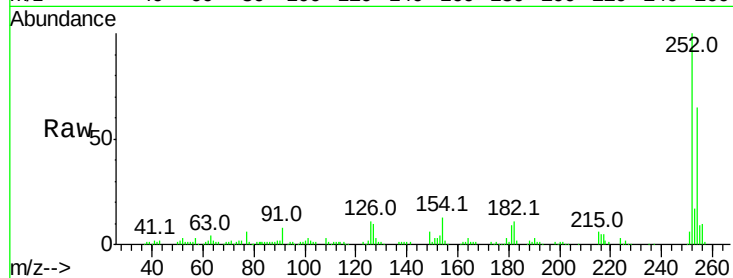




#81
 3,3'-Dichlorobenzidine
 Concen: 44.387 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

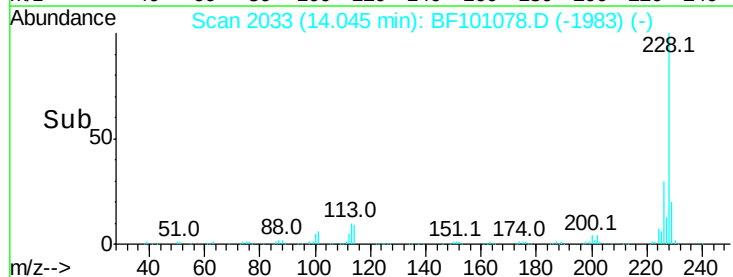
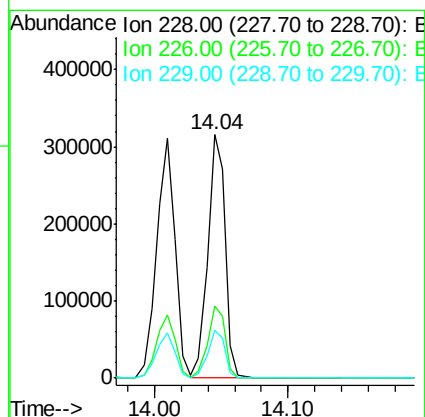
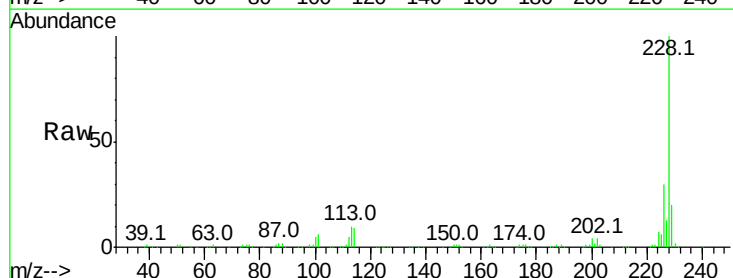
Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

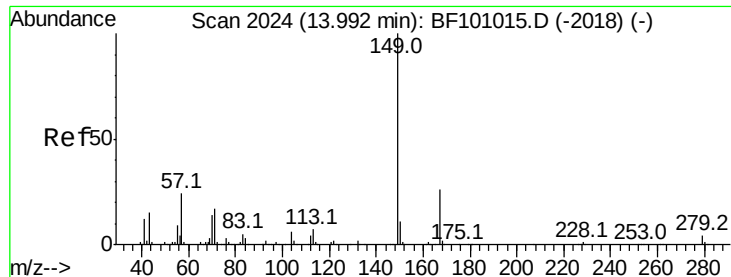
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	10.6	11.3	16.9#



#82
 Chrysene
 Concen: 45.601 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.124 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

Instrument :

BNA_F

ClientSampleId :

DBWW1B-4-9MSD

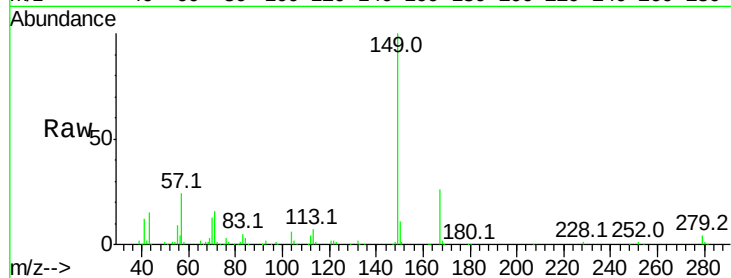
Tot Ion:149 Resp: 195015

Ion Ratio Lower Upper

149 100

167 26.4 21.3 31.9

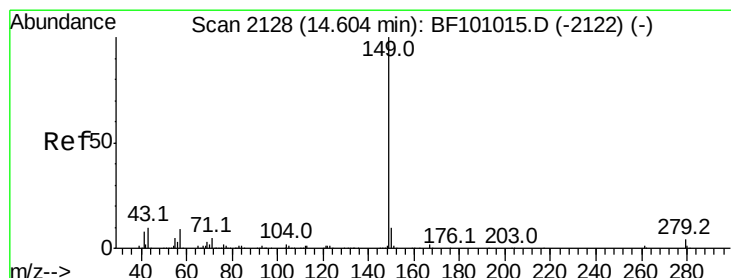
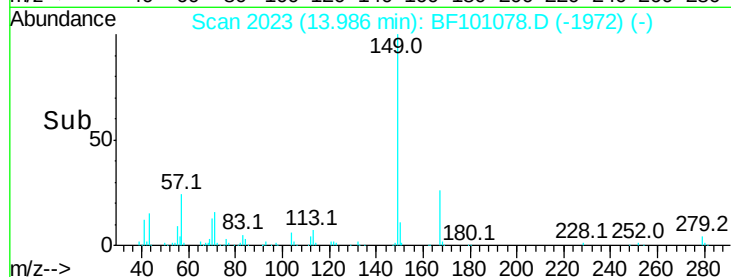
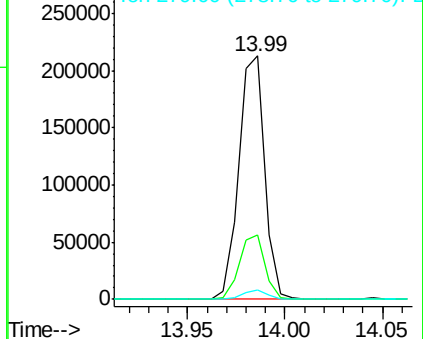
279 4.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.707 ng

RT: 14.60 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BF101078.D

Acq: 1 Dec 2017 21:58

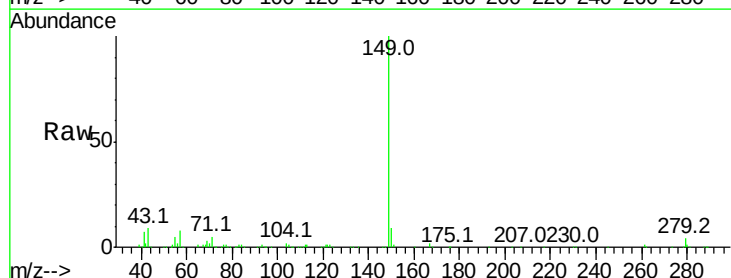
Tgt Ion:149 Resp: 336902

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

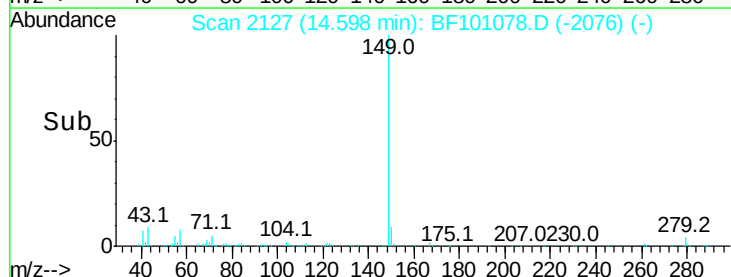
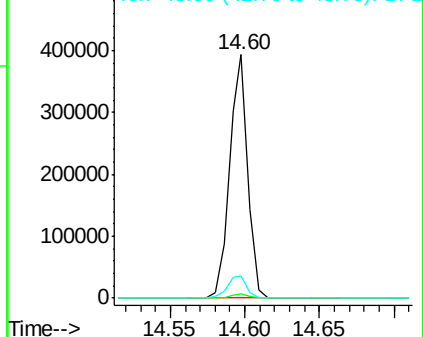
43 9.7 8.4 12.6

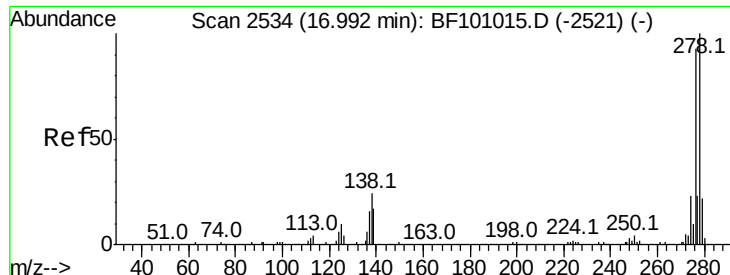


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

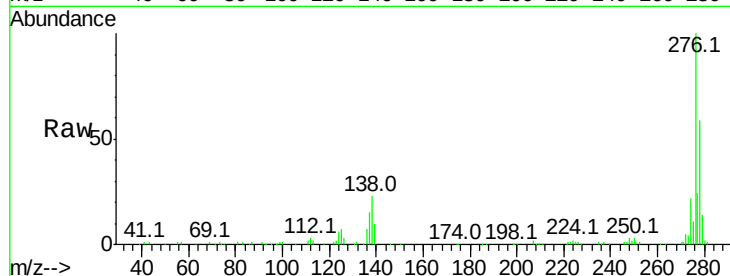




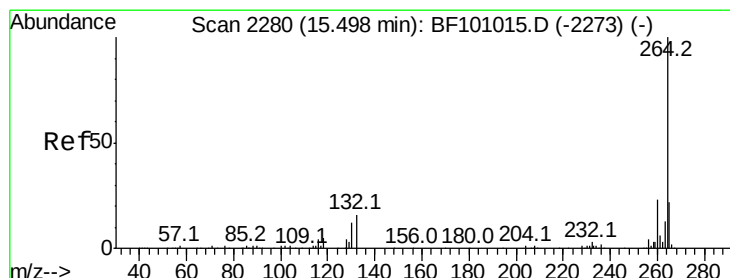
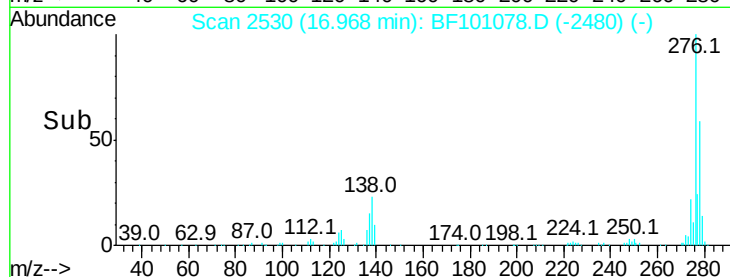
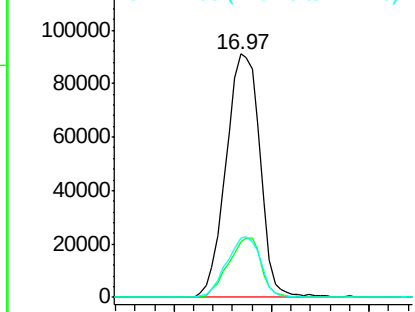
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.445 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	25.0	37.6#
277	25.1	20.1	30.1

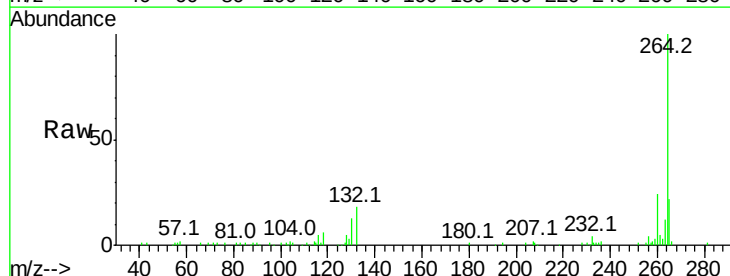


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

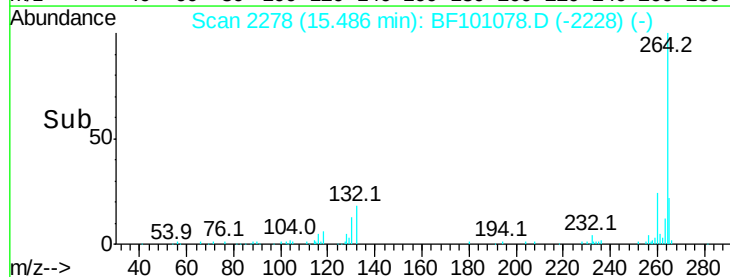
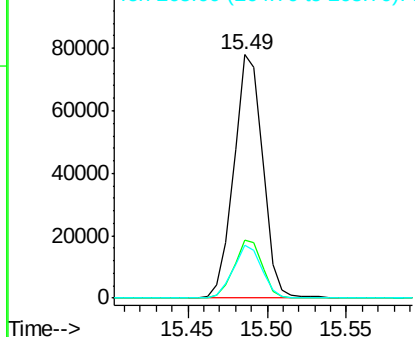


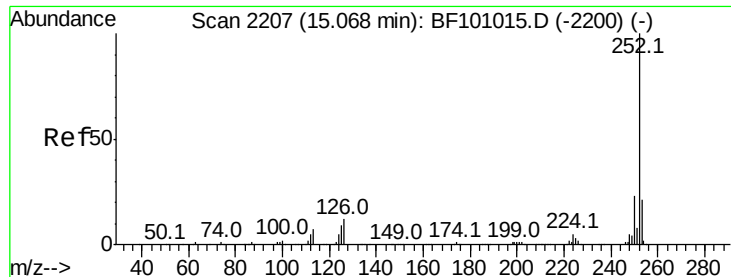
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	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

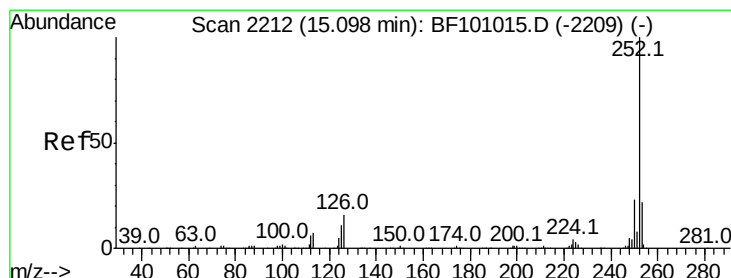
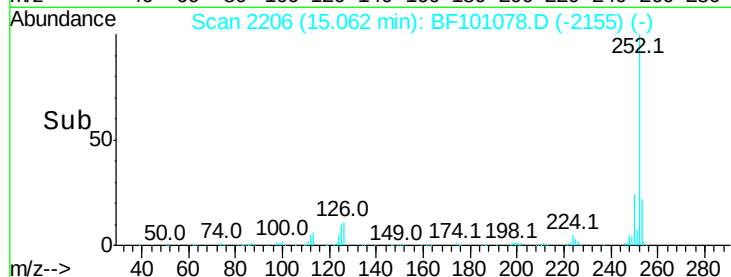
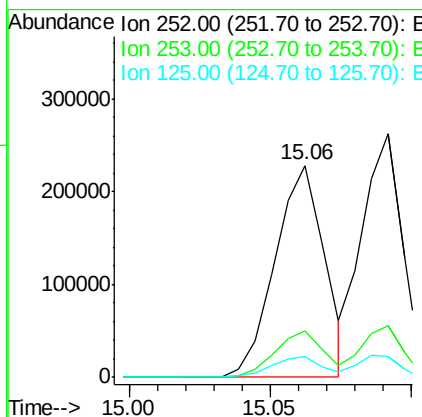
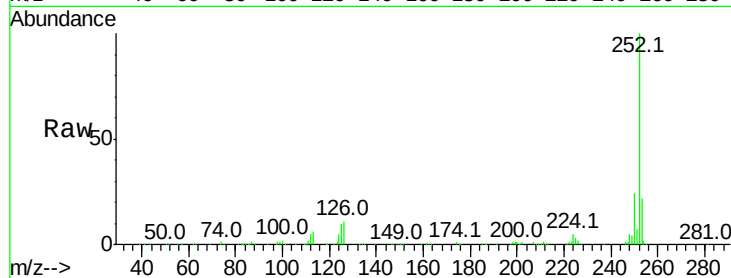




#87
Benzo(b)fluoranthene
Concen: 47.099 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

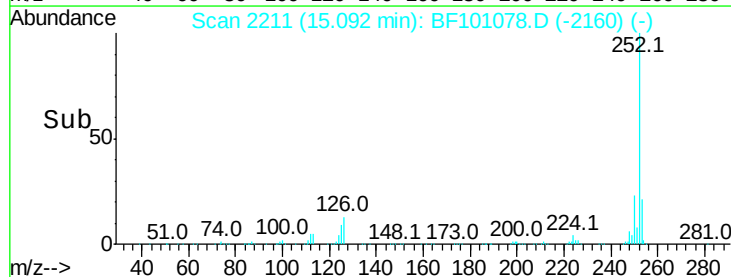
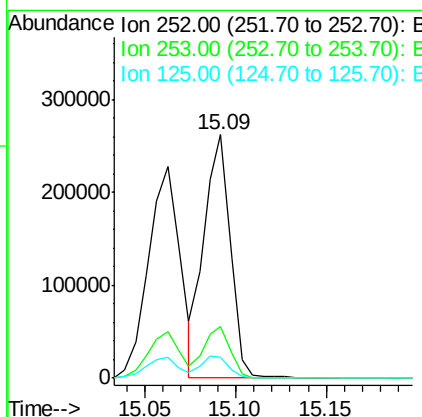
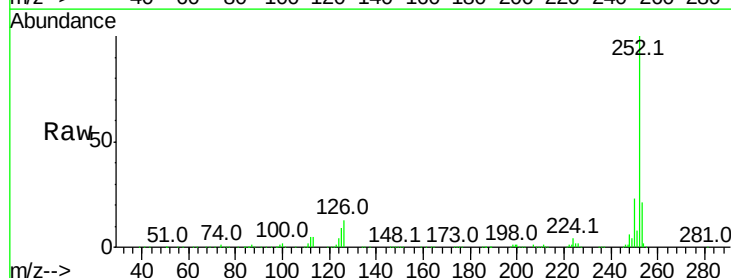
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

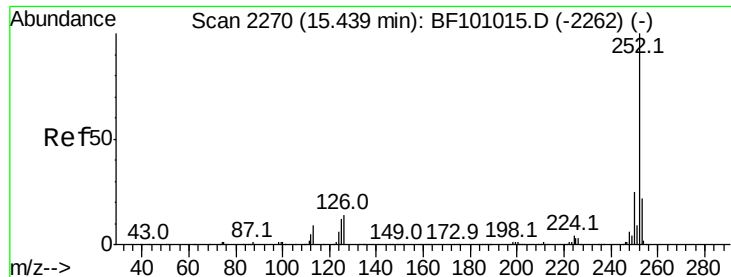
Tot Ion:252 Resp: 277106
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 9.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.384 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:252 Resp: 263072
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 8.7 10.2 15.2#

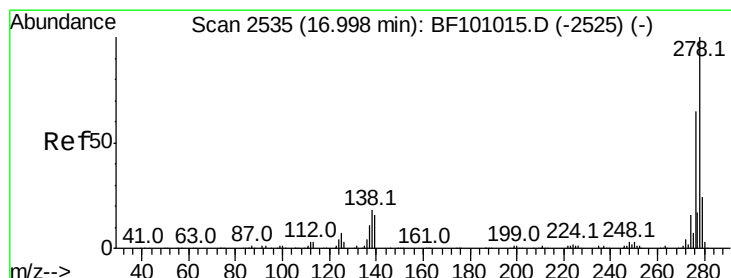
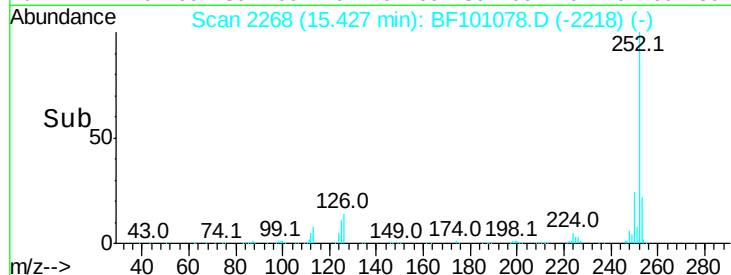
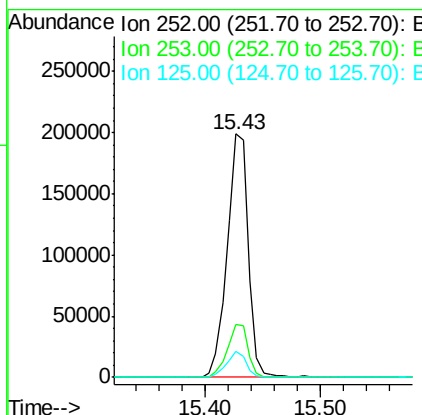
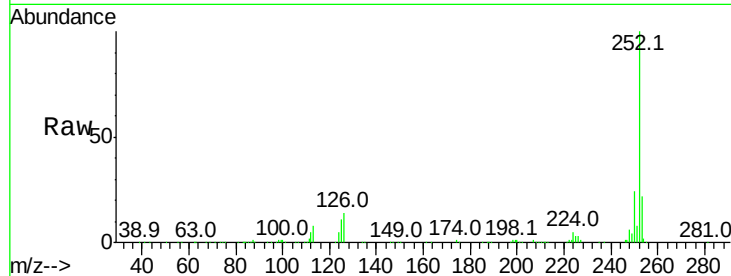




#89
Benzo(a)pyrene
Concen: 47.058 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

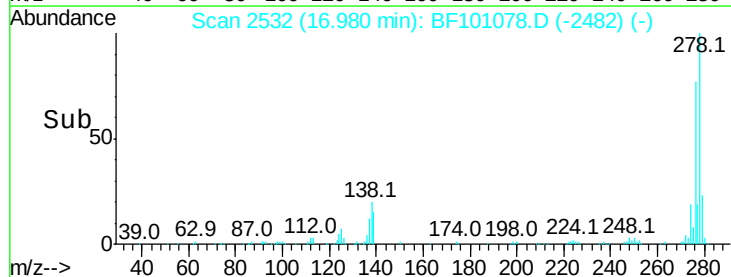
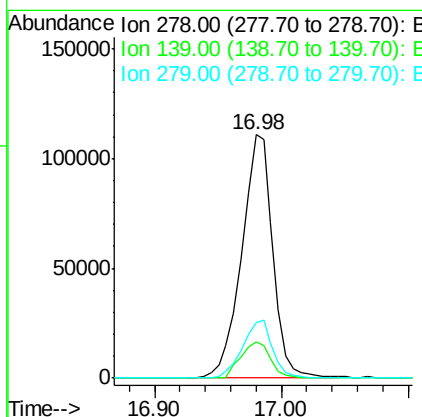
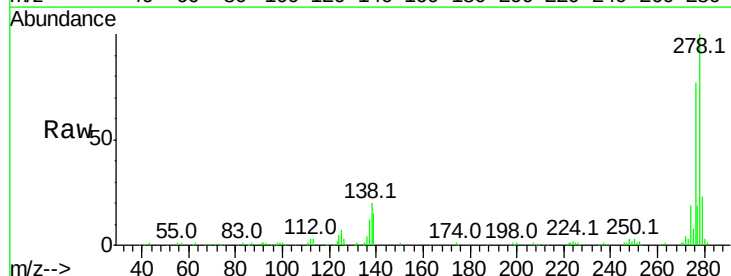
Instrument :
BNA_F
ClientSampleId :
DBWW1B-4-9MSD

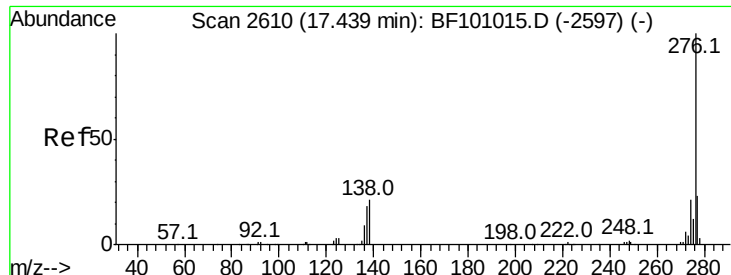
Tot Ion:252 Resp: 251708
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 40.071 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF101078.D
Acq: 1 Dec 2017 21:58

Tgt Ion:278 Resp: 188955
Ion Ratio Lower Upper
278 100
139 14.7 15.9 23.9#
279 22.6 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.714 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BF101078.D
 Acq: 1 Dec 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :
 DBWW1B-4-9MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	21.6	21.8	32.8

