

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102793.D
 Acq On : 6 Feb 2018 19:23
 Operator : SJ/JU
 Sample : J1455-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMS

Quant Time: Feb 07 00:19:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	186350	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	755908	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	302338	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	415177	20.00	ng	0.00
75) Chrysene-d12	14.05	240	316902	20.00	ng	0.00
86) Perylene-d12	15.53	264	304994	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	730767	59.55	ng	0.00
7) Phenol-d6	6.50	99	537117	36.35	ng	0.00
23) Nitrobenzene-d5	7.45	82	1139076	104.53	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	288826	118.69	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1777108	97.53	ng	0.00
78) Terphenyl-d14	12.99	244	1137698	85.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	97795	16.136	ng	# 84
3) Pyridine	3.49	79	196554	11.738	ng	88
4) n-Nitrosodimethylamine	3.42	42	130552	18.222	ng	96
6) Aniline	6.55	93	273525	12.536	ng	98
8) 2-Chlorophenol	6.67	128	486804	38.535	ng	96
9) Benzaldehyde	6.43	77	212117	19.332	ng	94
10) Phenol	6.52	94	216743	13.689	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	583363	44.276	ng	90
12) 1,3-Dichlorobenzene	6.82	146	592778	40.521	ng	98
13) 1,4-Dichlorobenzene	6.90	146	592454	40.656	ng	98
14) 1,2-Dichlorobenzene	7.06	146	549549	40.488	ng	99
15) Benzyl Alcohol	7.02	79	319066	28.089	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1084896	43.346	ng	97
17) 2-Methylphenol	7.13	107	341604	29.316	ng	98
18) Hexachloroethane	7.40	117	198494	39.722	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	415584	42.662	ng	95
20) 3+4-Methylphenols	7.29	107	349348	24.311	ng	# 51
22) Acetophenone	7.29	105	803966	43.463	ng	96
24) Nitrobenzene	7.47	77	623399	48.642	ng	97
25) Isophorone	7.70	82	1167214	46.519	ng	99
26) 2-Nitrophenol	7.78	139	262561	49.525	ng	96
27) 2,4-Dimethylphenol	7.82	122	478305	45.121	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	738360	49.675	ng	99
29) 2,4-Dichlorophenol	8.02	162	437215	45.370	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	459844	42.181	ng	99
31) Naphthalene	8.19	128	1589024	43.026	ng	100
32) Benzoic acid	7.89	122	70664	17.340	ng	98
33) 4-Chloroaniline	8.23	127	227009	14.268	ng	99
34) Hexachlorobutadiene	8.30	225	226779	40.596	ng	99
35) Caprolactam	8.60	113	20723	6.192	ng	# 72
36) 4-Chloro-3-methylphenol	8.71	107	428704	39.594	ng	97
37) 2-Methylnaphthalene	8.88	142	1043901	43.172	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	405134	49.214	ng	99
40) Hexachlorocyclopentadiene	9.03	237	145624	37.212	ng	97

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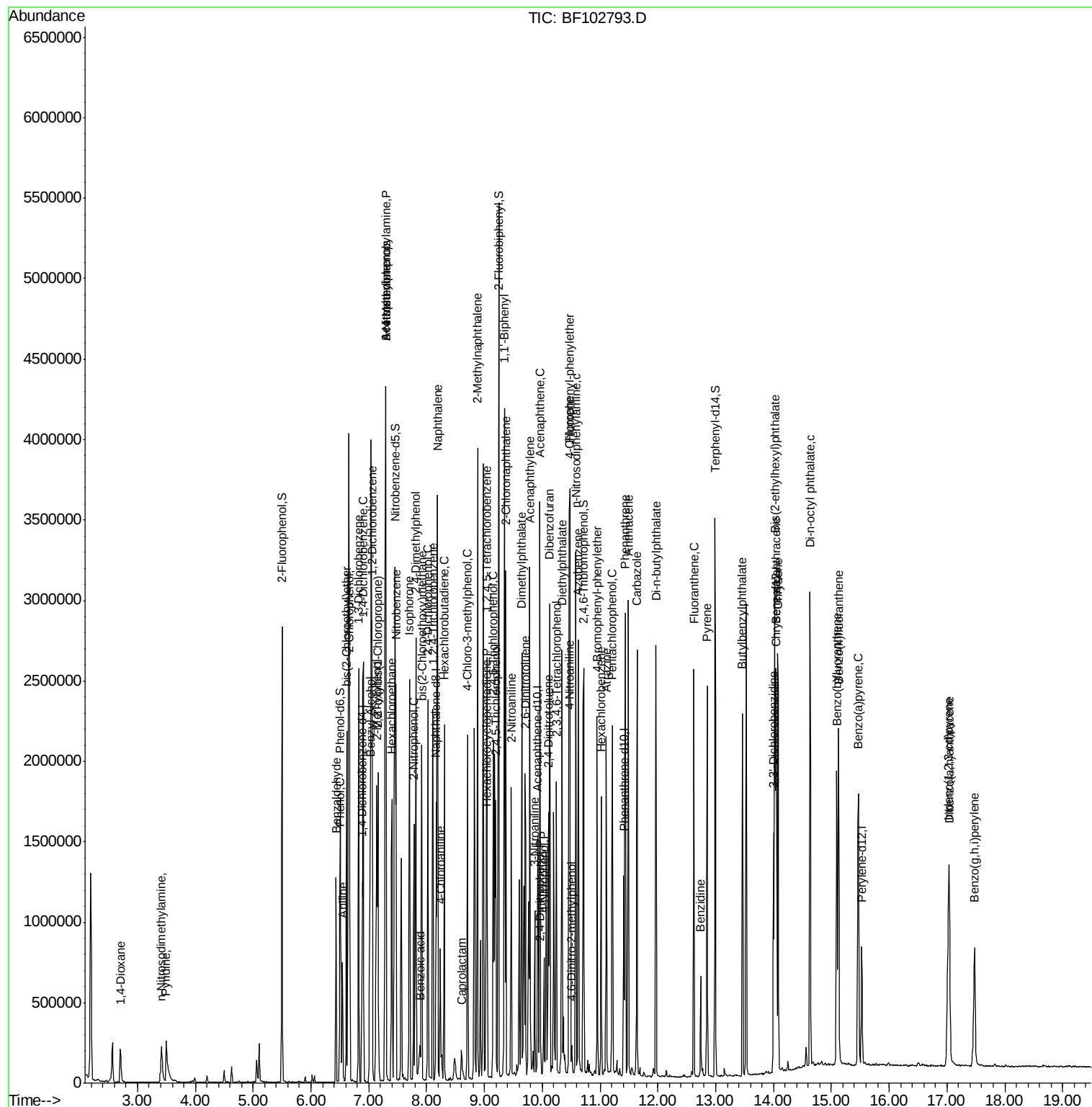
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	281078	51.983	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	280952	46.101	nq	97
45) 1,1'-Biphenyl	9.35	154	1199726	47.113	nq	100
46) 2-Chloronaphthalene	9.37	162	936874	46.732	nq	100
47) 2-Nitroaniline	9.46	65	335442	53.773	nq	88
48) Acenaphthylene	9.79	152	1380652	44.340	nq	100
49) Dimethylphthalate	9.65	163	1131545	48.000	nq	99
50) 2,6-Dinitrotoluene	9.70	165	236958	52.834	nq	94
51) Acenaphthene	9.96	154	809182	43.455	nq	100
52) 3-Nitroaniline	9.87	138	151407	27.436	nq	96
53) 2,4-Dinitrophenol	9.97	184	16629	24.900	nq #	24
54) Dibenzofuran	10.13	168	1201891	45.799	nq	97
55) 4-Nitrophenol	10.03	139	115416	28.194	nq	94
56) 2,4-Dinitrotoluene	10.11	165	282981	47.107	nq	94
57) Fluorene	10.47	166	847485	44.386	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	191030	45.226	nq #	98
59) Diethylphthalate	10.34	149	1063317	45.681	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	396795	46.978	nq	99
61) 4-Nitroaniline	10.49	138	220439	41.966	nq	93
62) Azobenzene	10.62	77	976010	41.972	nq	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	17154	17.722	nq	92
65) n-Nitrosodiphenylamine	10.58	169	798158	54.502	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	240461	54.752	nq	96
67) Hexachlorobenzene	11.02	284	238771	49.282	nq #	90
68) Atrazine	11.11	200	212765	49.248	nq	99
69) Pentachlorophenol	11.21	266	223728	78.664	nq	98
70) Phenanthrene	11.43	178	1068950	46.230	nq	99
71) Anthracene	11.49	178	1096212	46.612	nq	99
72) Carbazole	11.64	167	1008880	43.788	nq	100
73) Di-n-butylphthalate	11.97	149	1366005	48.807	nq	99
74) Fluoranthene	12.62	202	999492	42.963	nq	98
76) Benzidine	12.74	184	240778	16.531	nq	99
77) Pyrene	12.86	202	1020240	41.056	nq	99
79) Butylbenzylphthalate	13.46	149	531239	44.763	nq	98
80) Benzo(a)anthracene	14.04	228	950093	47.671	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	306261	41.445	nq	100
82) Chrysene	14.07	228	915054	45.546	nq	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	739908	48.605	nq	98
84) Di-n-octyl phthalate	14.63	149	1367067	59.808	nq	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	789575	47.386	nq	99
87) Benzo(b)fluoranthene	15.10	252	986176	49.873	nq	99
88) Benzo(k)fluoranthene	15.13	252	899521	47.609	nq	99
89) Benzo(a)pyrene	15.47	252	873850	49.096	nq	98
90) Dibenzo(a,h)anthracene	17.04	278	669793	46.363	nq	100
91) Benzo(g,h,i)perylene	17.48	276	639026	45.191	nq	98

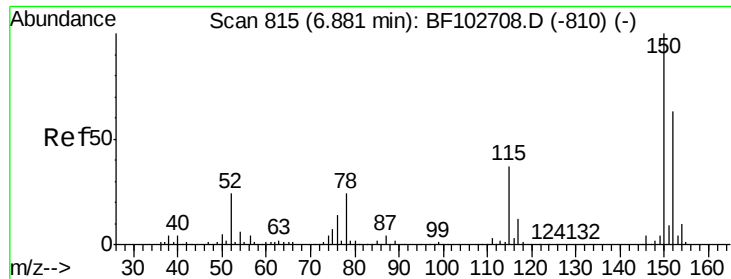
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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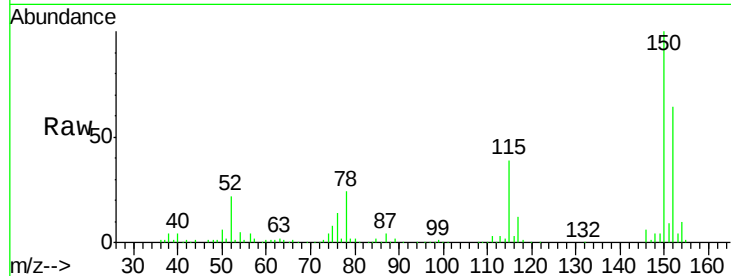


#1

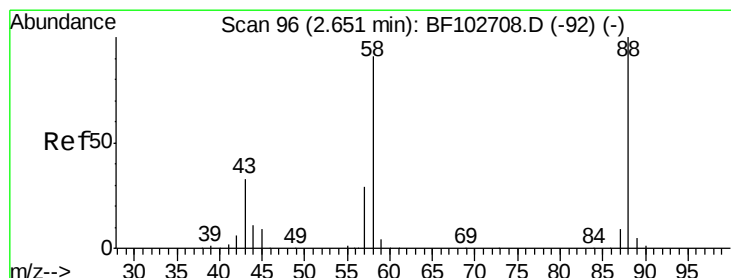
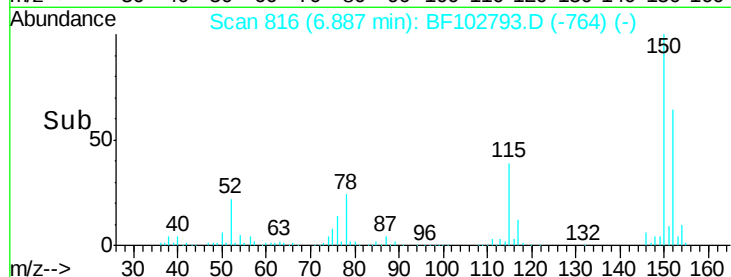
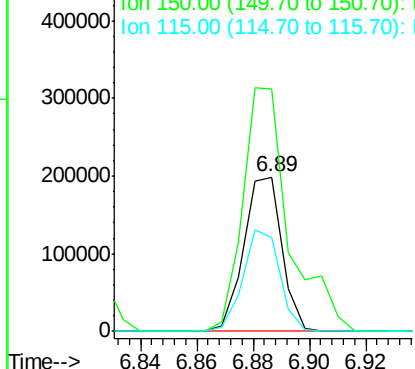
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

Tot Ion:152 Resp: 186350
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 60.9 50.1 75.1



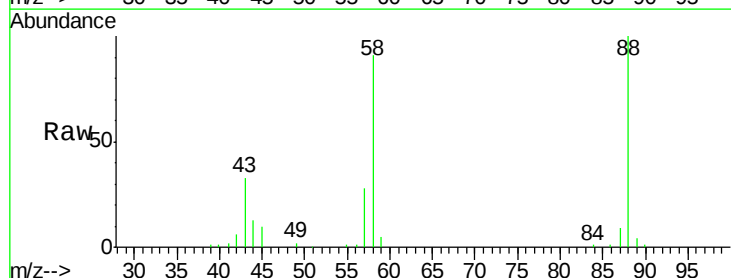
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



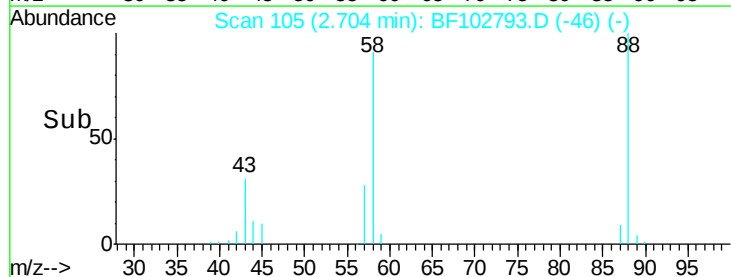
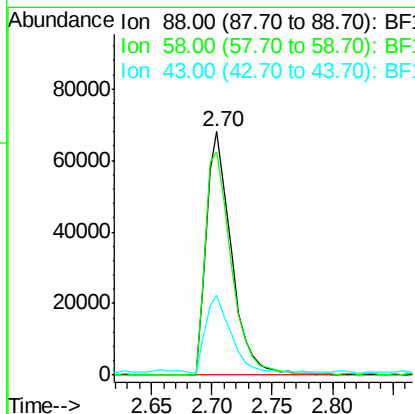
#2

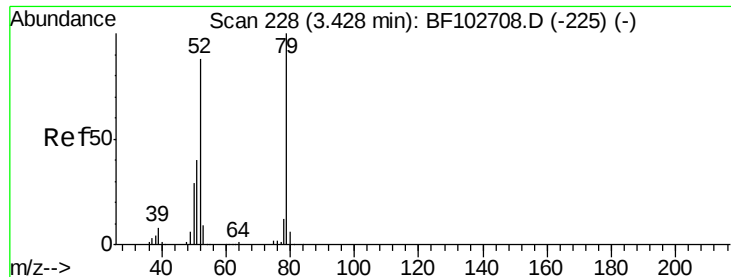
1,4-Dioxane
Concen: 16.136 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion: 88 Resp: 97795
Ion Ratio Lower Upper
88 100
58 96.3 62.6 93.8#
43 32.2 24.6 37.0



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





#3

Pvridine

Concen: 11.738 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

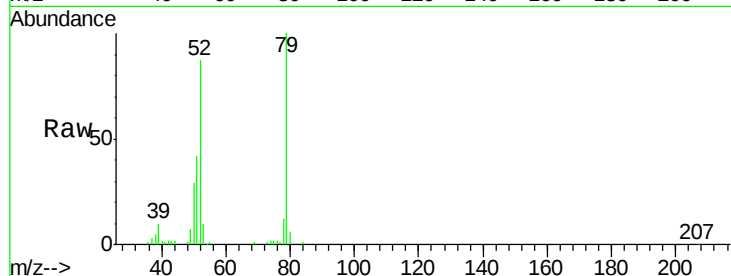
Tot Ion: 79 Resp: 196554

Ion Ratio Lower Upper

79 100

52 87.0 59.8 89.6

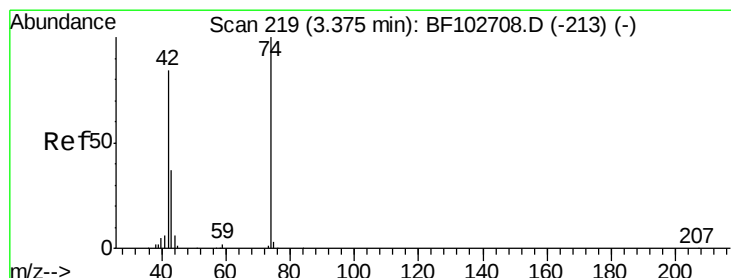
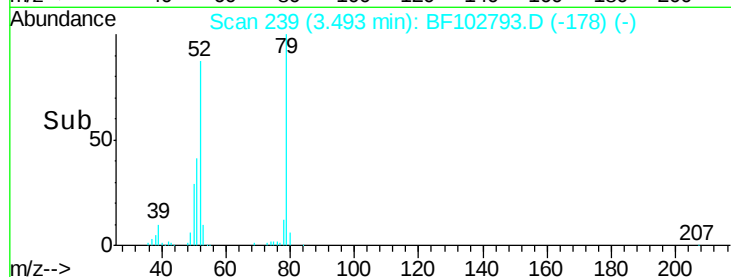
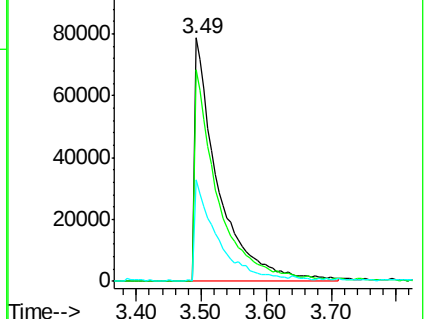
51 41.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 18.222 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.03 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

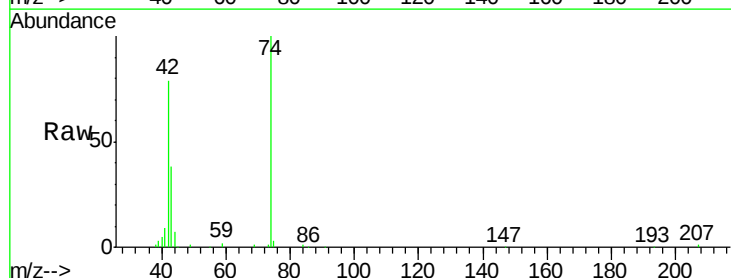
Tgt Ion: 42 Resp: 130552

Ion Ratio Lower Upper

42 100

74 126.4 104.9 157.3

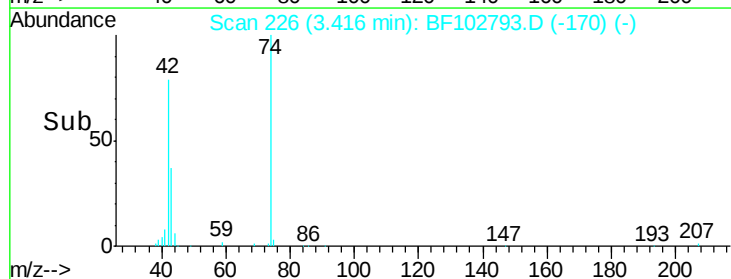
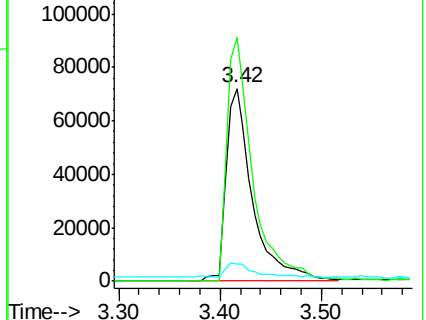
44 9.1 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 59.554 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

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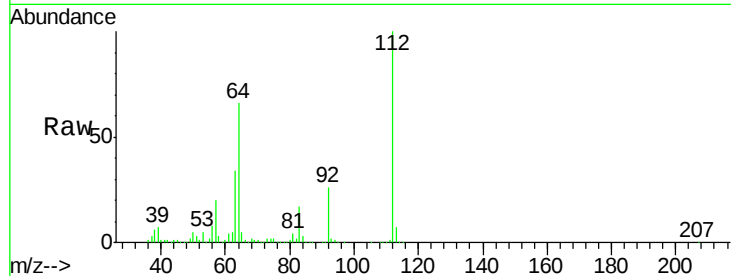
Tot Ion:112 Resp: 730767

Ion Ratio Lower Upper

112 100

64 66.3 47.9 71.9

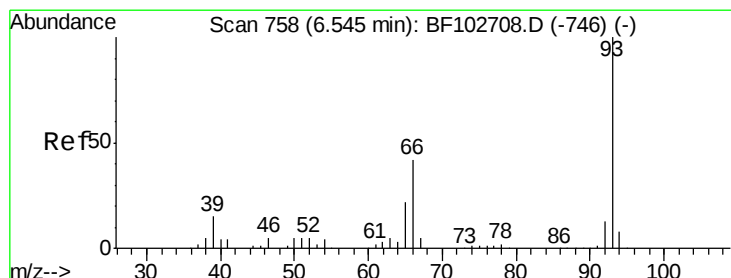
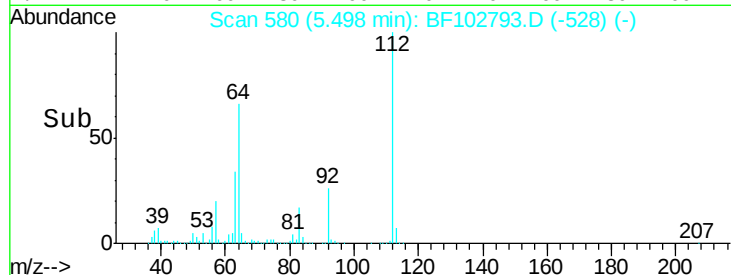
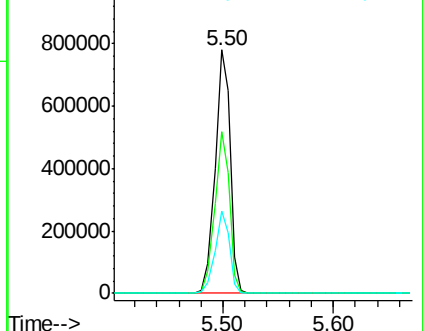
63 33.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.536 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

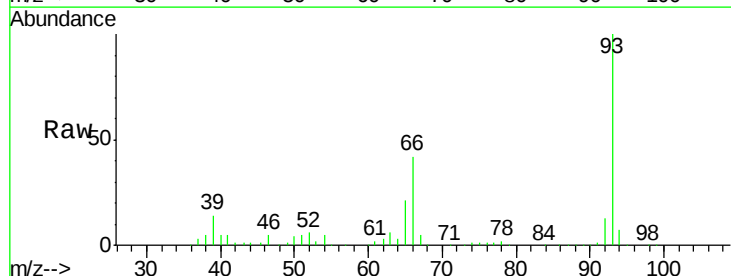
Tgt Ion: 93 Resp: 273525

Ion Ratio Lower Upper

93 100

66 41.8 32.2 48.2

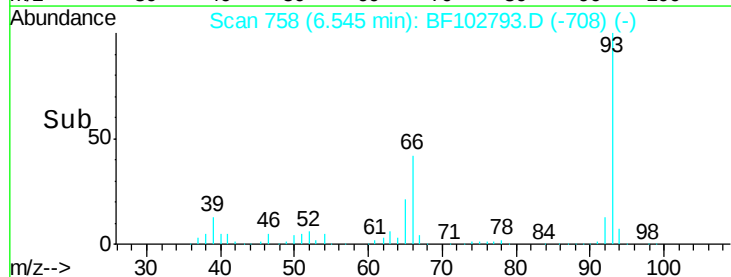
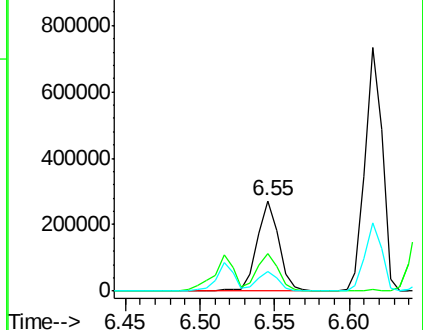
65 21.0 16.4 24.6

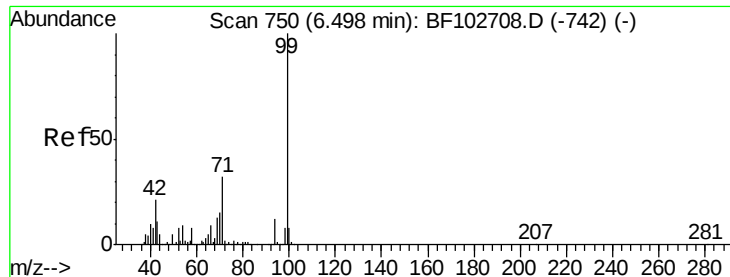


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 36.354 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

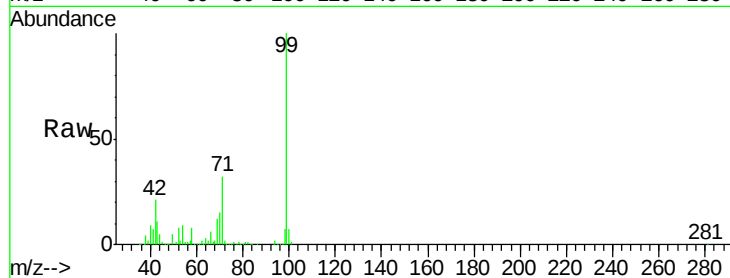
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 537117

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	32.0	25.4	38.0

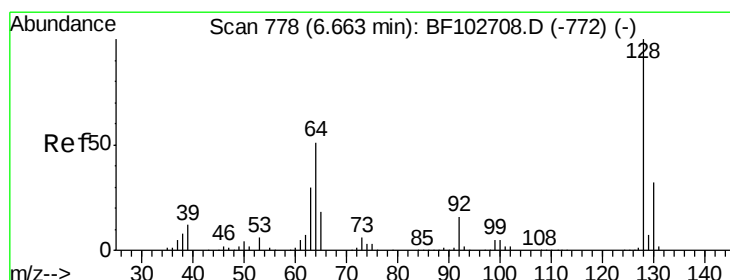
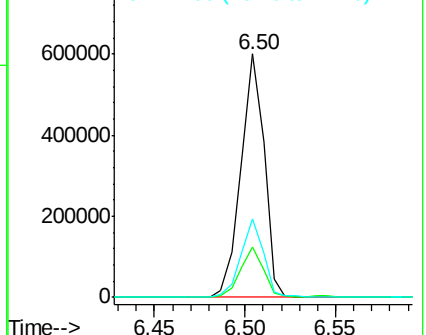
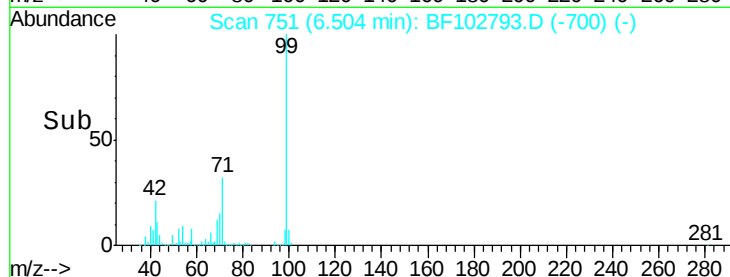


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.535 ng

RT: 6.67 min Scan# 779

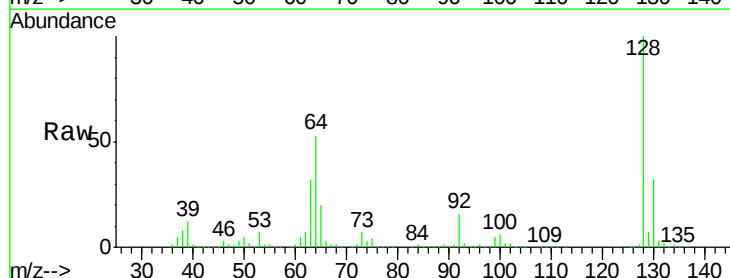
Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Tgt Ion: 128 Resp: 486804

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	53.4	29.4	69.4

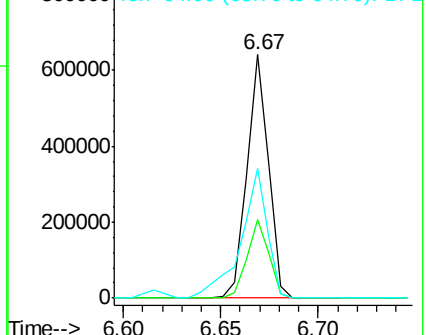
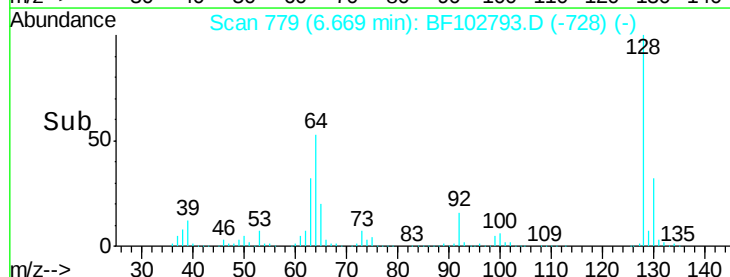


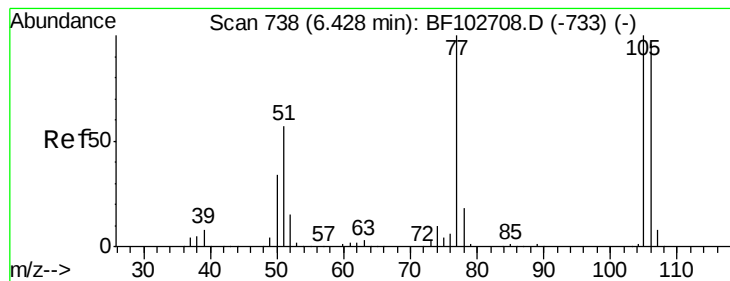
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.332 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

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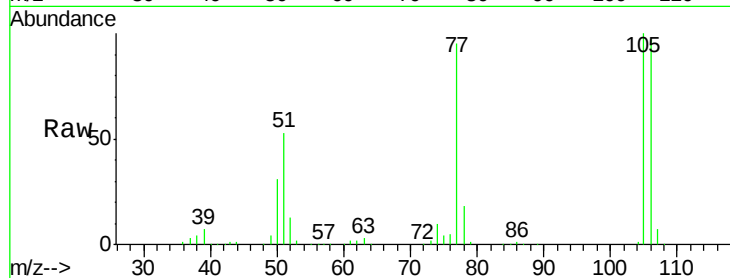
Tot Ion: 77 Resp: 212117

Ion Ratio Lower Upper

77 100

105 105.1 81.1 121.1

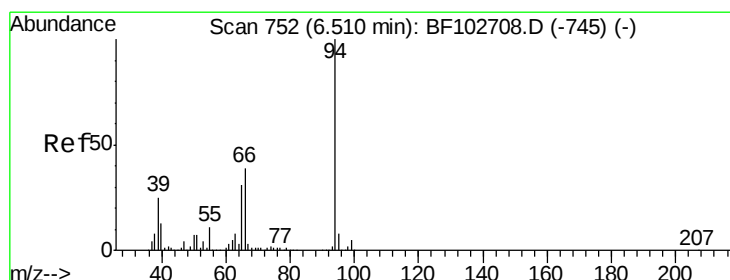
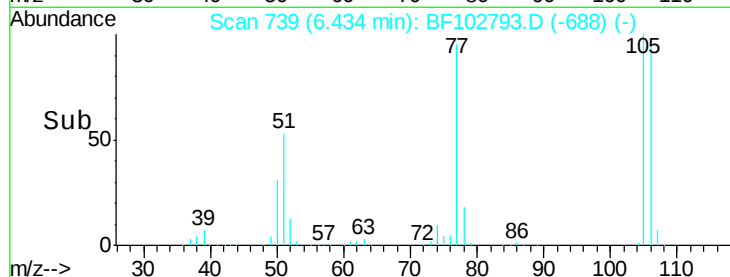
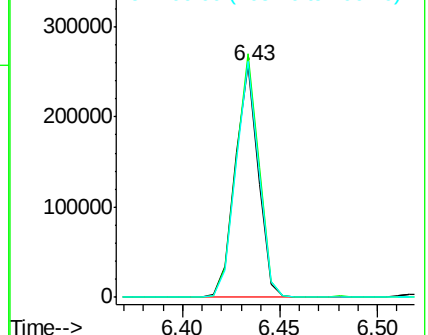
106 101.9 74.5 114.5



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: 13.689 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

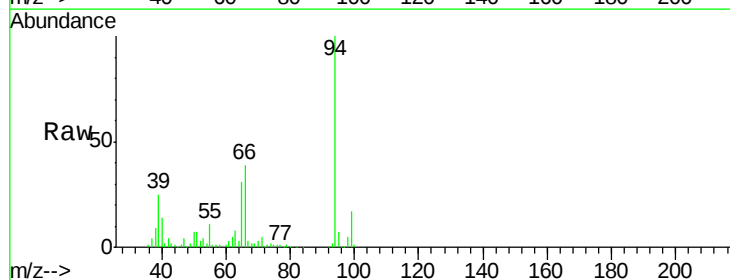
Tgt Ion: 94 Resp: 216743

Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

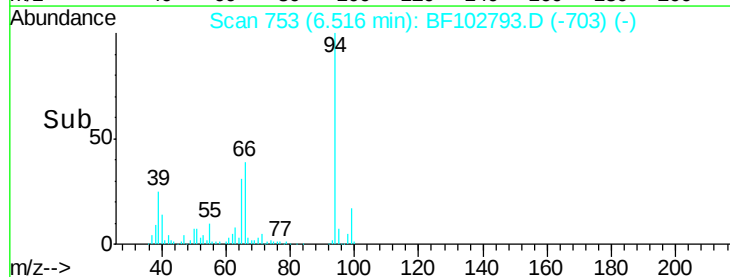
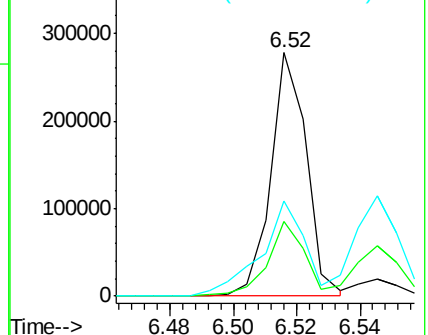
66 39.2 16.2 56.2

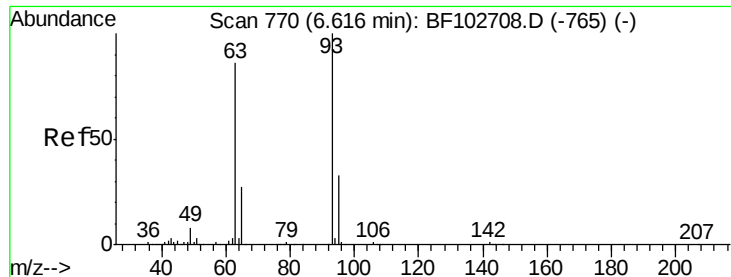


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 44.276 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

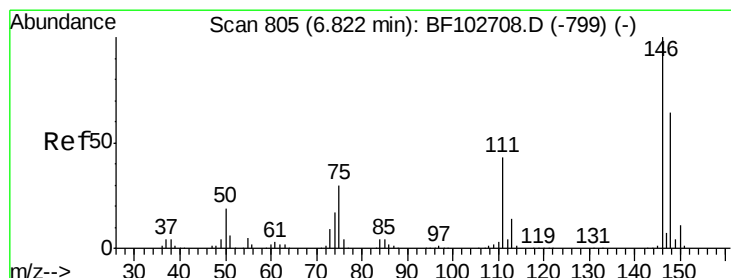
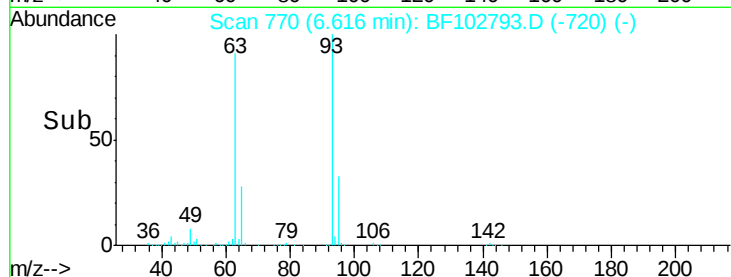
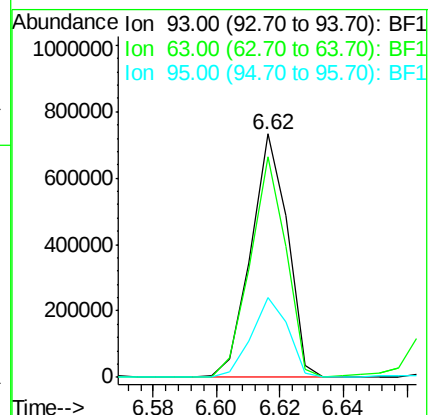
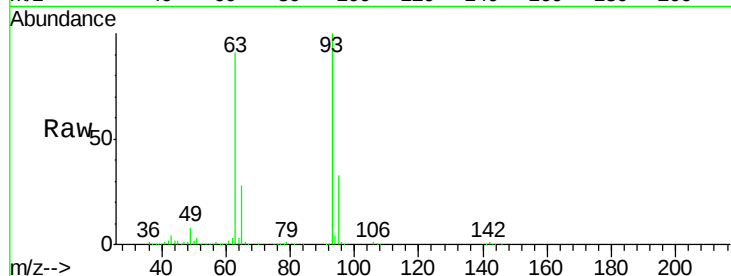
Tot Ion: 93 Resp: 583363

Ion Ratio Lower Upper

93 100

63 90.6 58.6 98.6

95 33.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.521 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

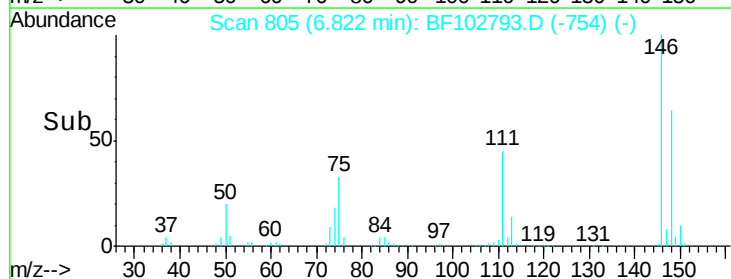
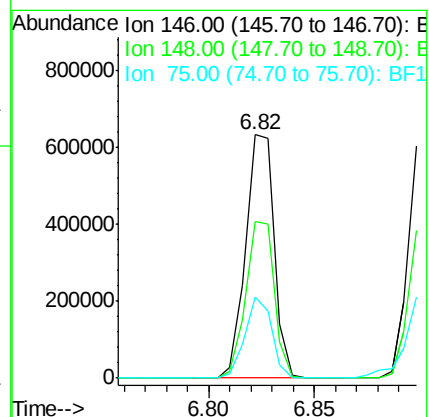
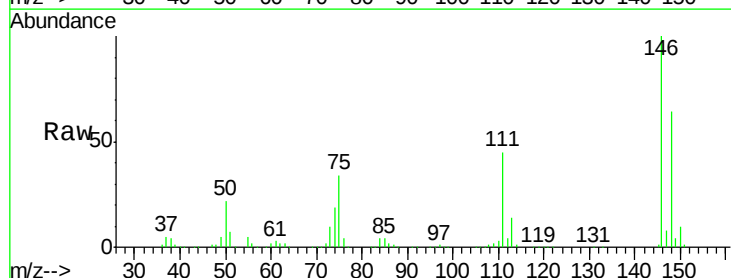
Tgt Ion: 146 Resp: 592778

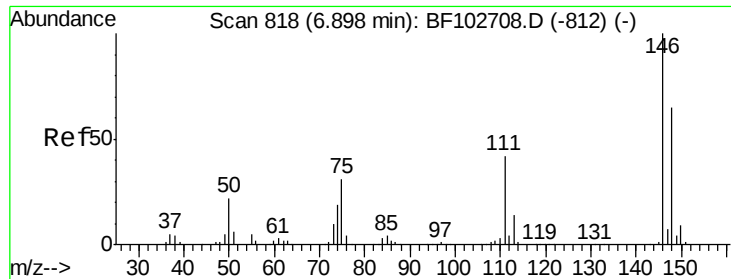
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 33.5 24.2 36.4

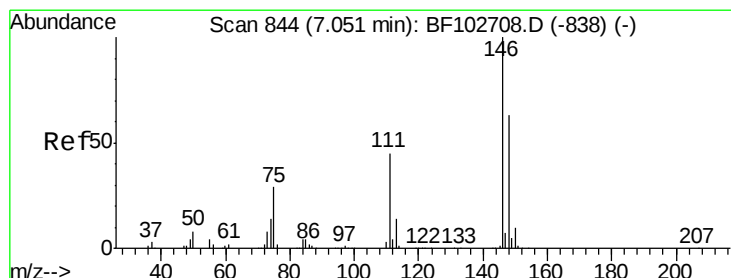
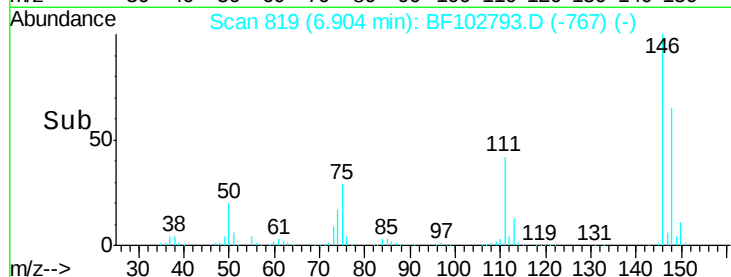
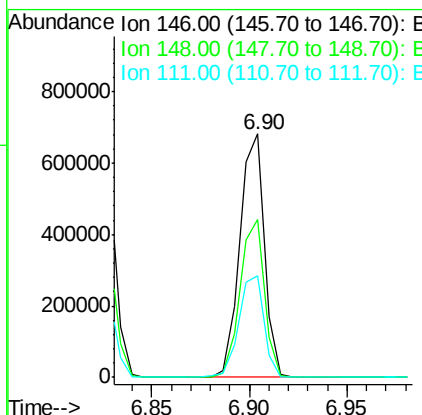
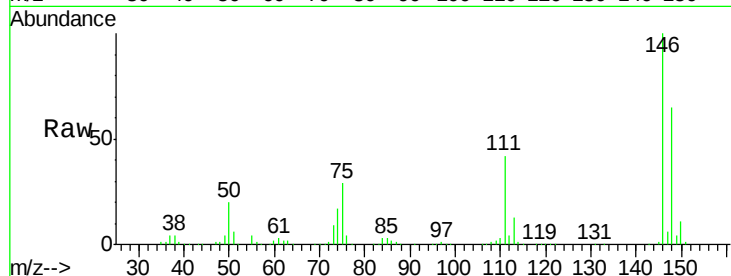




#13
 1,4-Dichlorobenzene
 Concen: 40.656 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

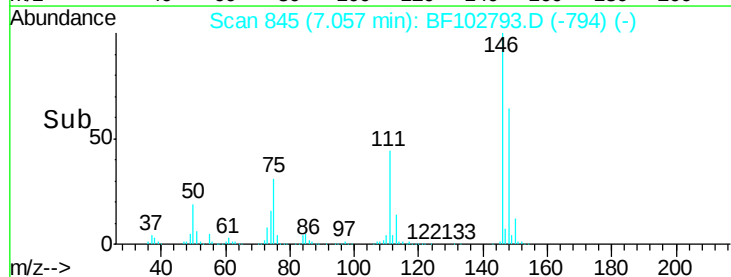
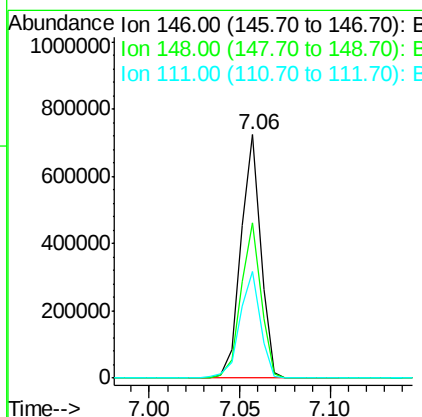
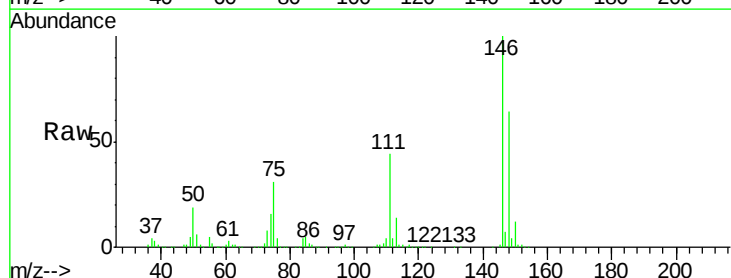
Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMS

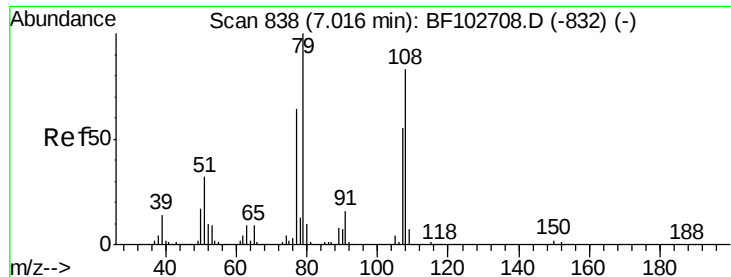
Tot Ion:146 Resp: 592454
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.8 76.2
 111 41.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.488 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Tgt Ion:146 Resp: 549549
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 43.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 28.089 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

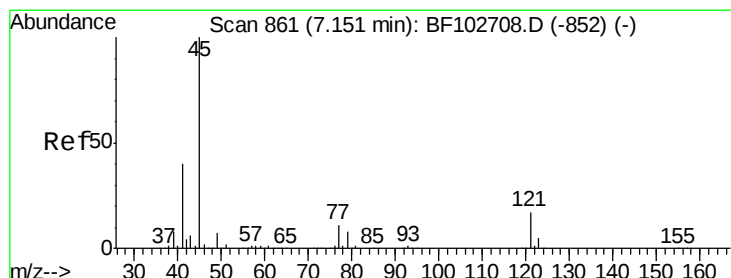
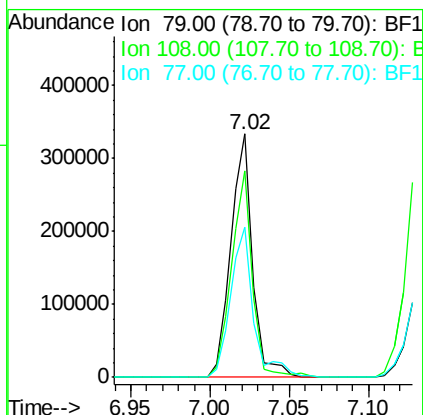
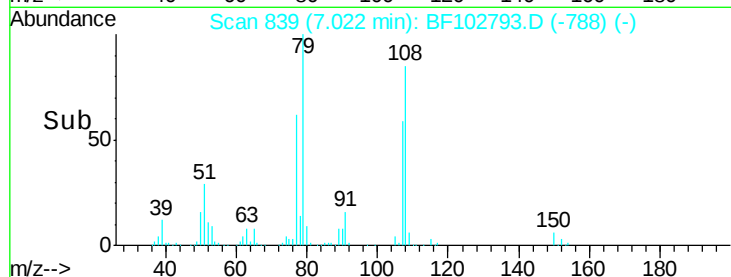
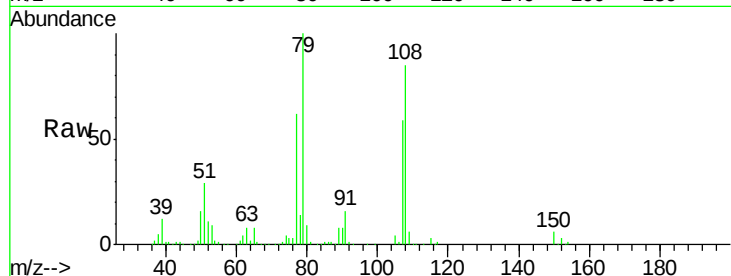
Tot Ion: 79 Resp: 319066

Ion Ratio Lower Upper

79 100

108 85.0 65.1 97.7

77 61.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.346 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

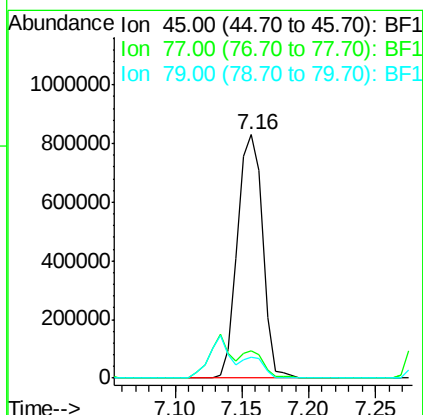
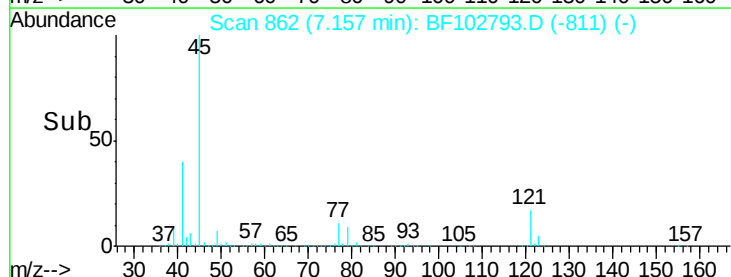
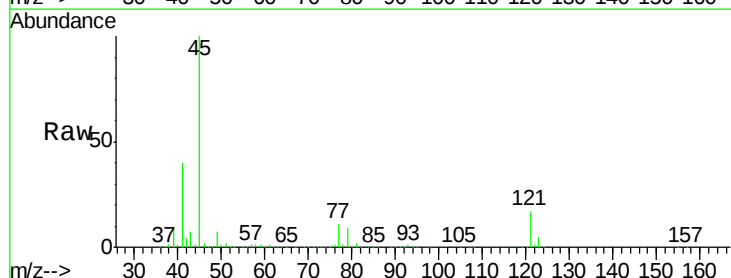
Tgt Ion: 45 Resp: 1084896

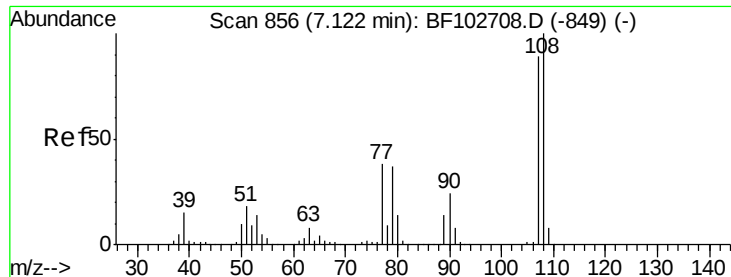
Ion Ratio Lower Upper

45 100

77 11.4 0.0 32.9

79 8.7 0.0 29.6

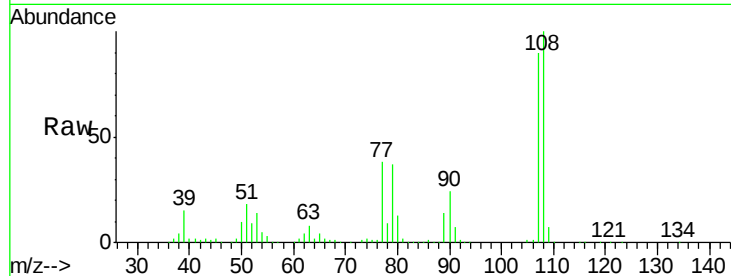




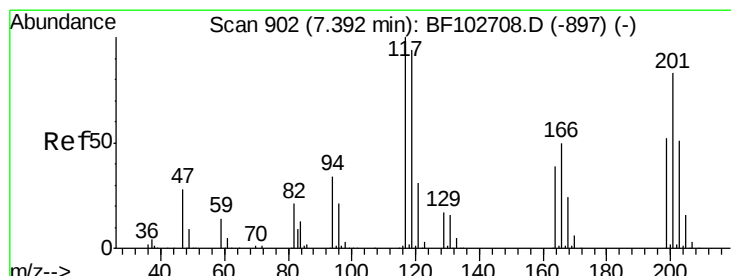
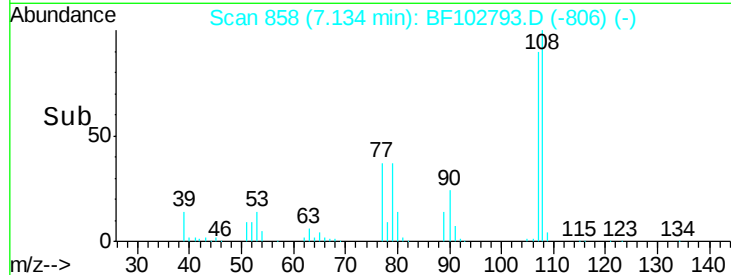
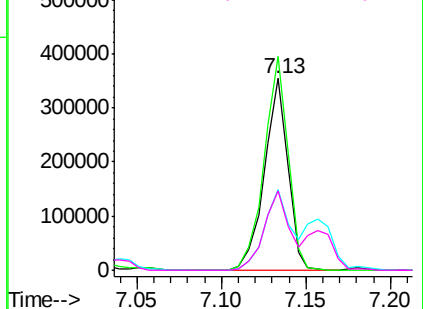
#17
2-Methylphenol
Concen: 29.316 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

Tot Ion:107 Resp: 341604
Ion Ratio Lower Upper
107 100
108 111.3 91.7 137.5
77 41.7 33.8 50.8
79 41.2 33.8 50.8

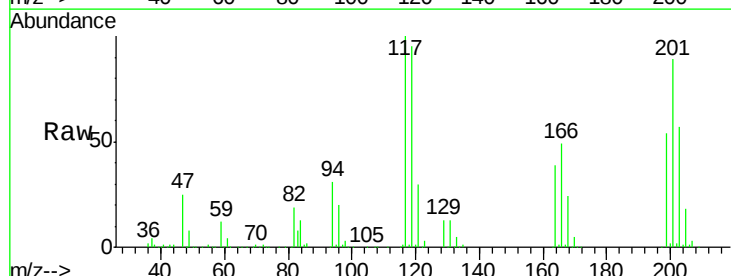


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

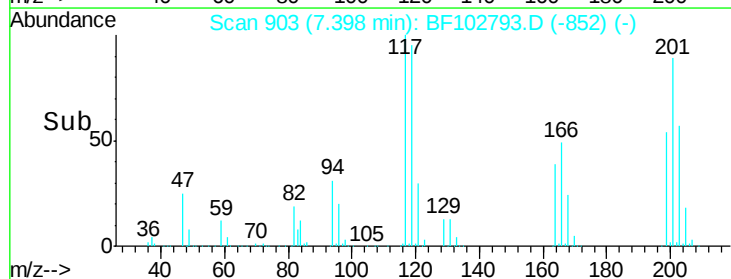
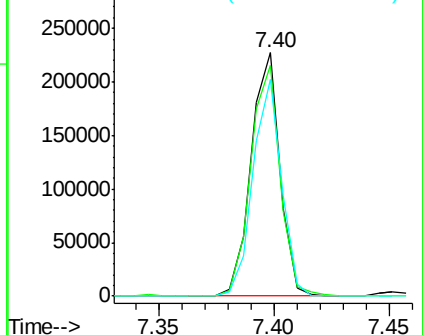


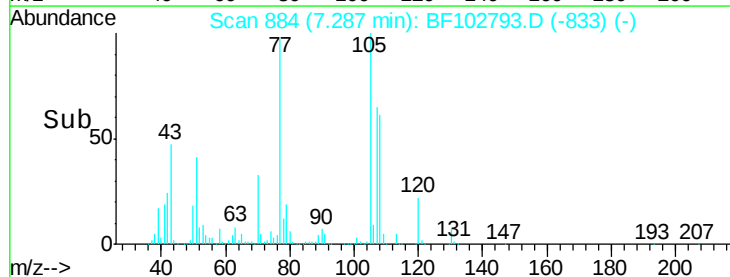
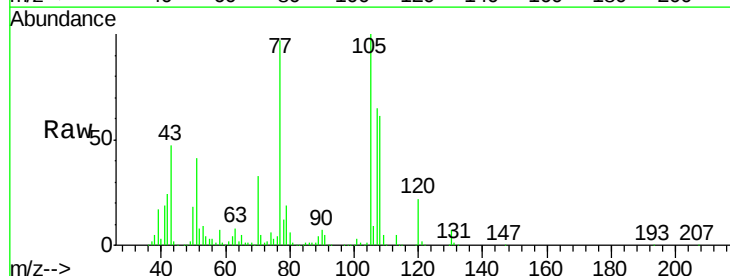
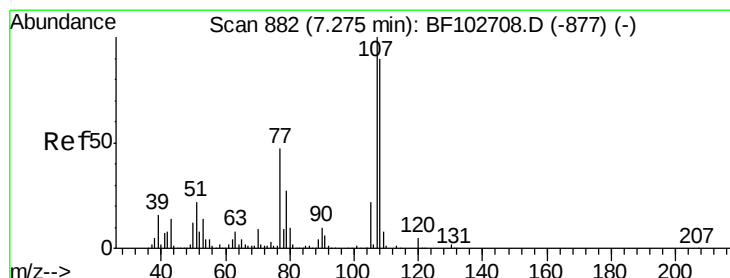
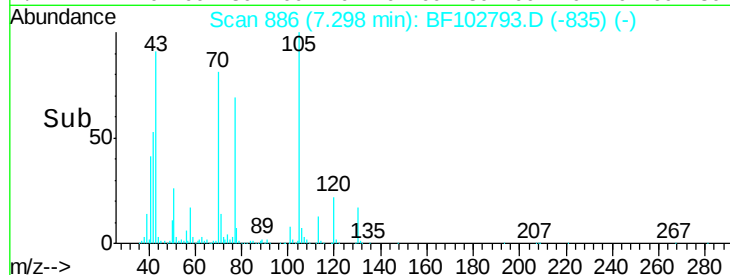
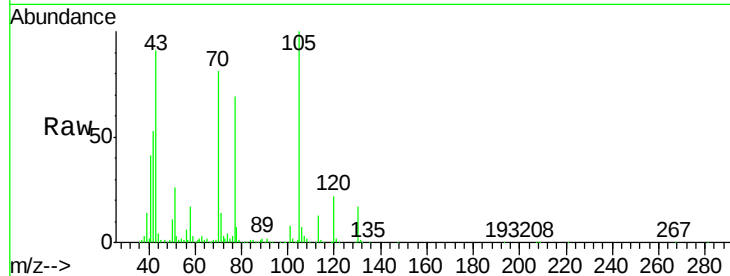
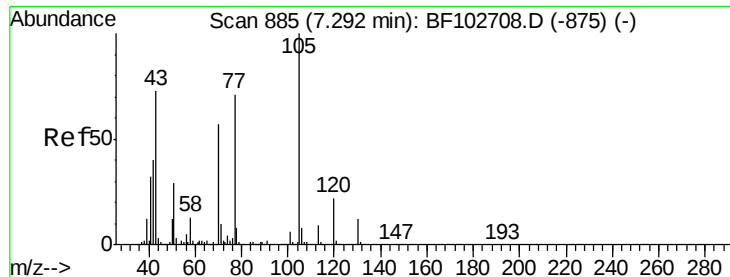
#18
Hexachloroethane
Concen: 39.722 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:117 Resp: 198494
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 89.1 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
250000 Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0

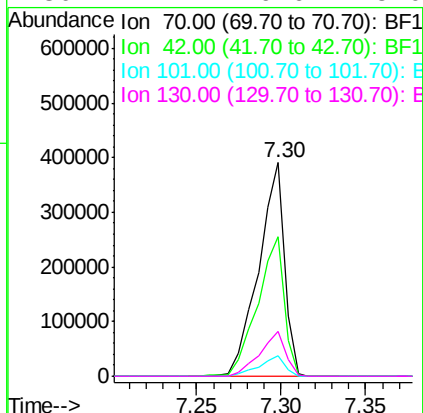




#19
n-Nitroso-di-n-propylamine
Concen: 42.662 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

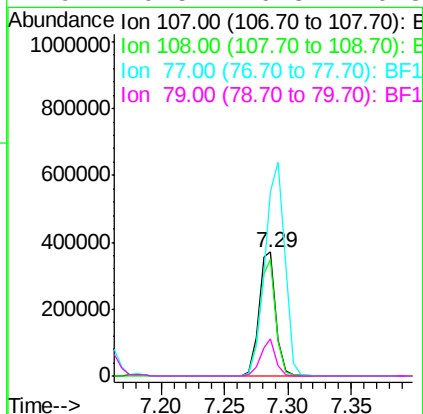
Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

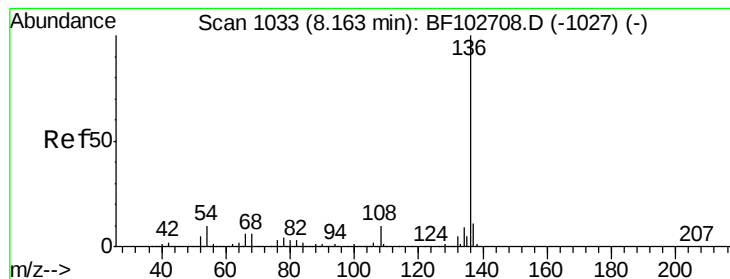
Tot Ion: 70 Resp: 415584
Ion Ratio Lower Upper
70 100
42 65.2 47.5 71.3
101 9.8 7.4 11.2
130 21.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 24.311 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:107 Resp: 349348
Ion Ratio Lower Upper
107 100
108 94.2 68.2 108.2
77 148.6 26.7 66.7#
79 29.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

Tot Ion:136 Resp: 755908

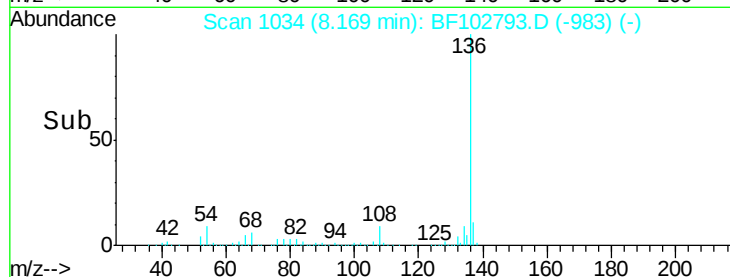
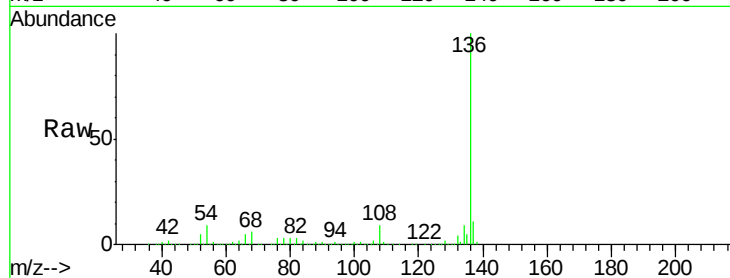
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 6.3 5.0 7.4

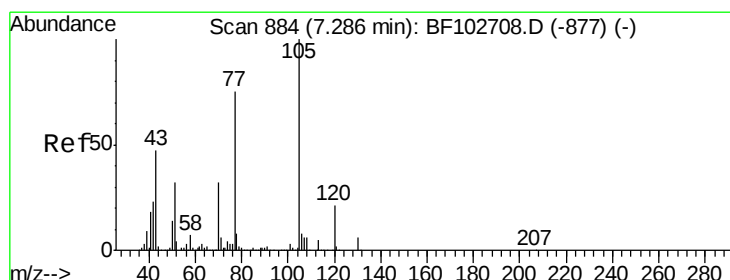
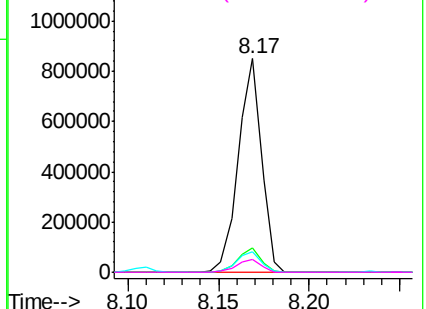


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.463 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Tgt Ion:105 Resp: 803966

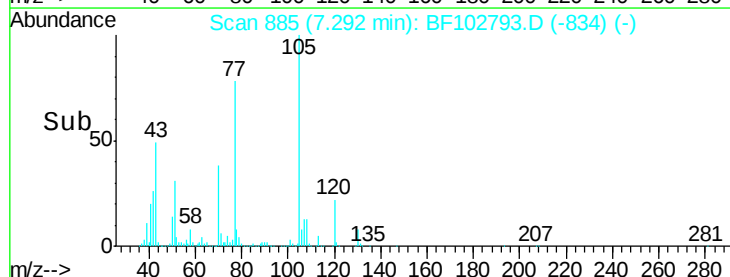
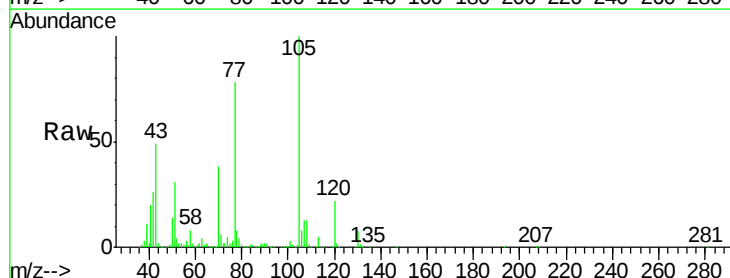
Ion Ratio Lower Upper

105 100

71 6.3 4.4 6.6

51 31.3 22.3 33.5

120 21.9 16.9 25.3

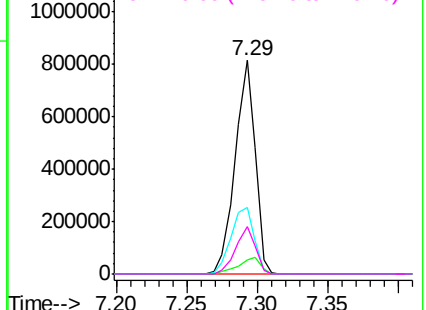


Abundance Ion 105.00 (104.70 to 105.70): E

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

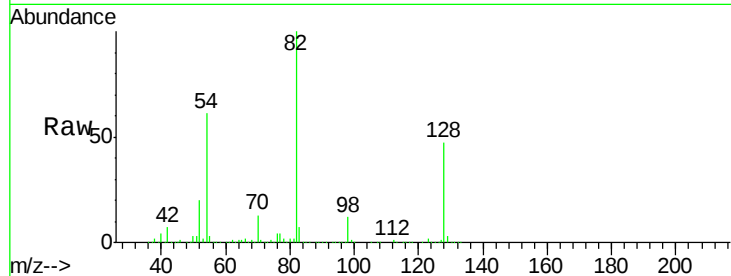




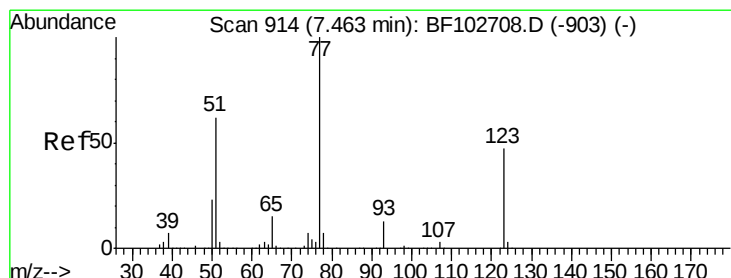
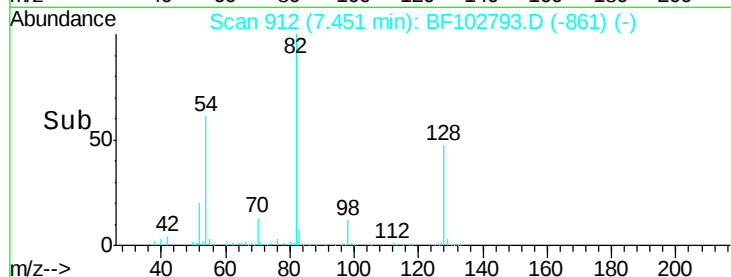
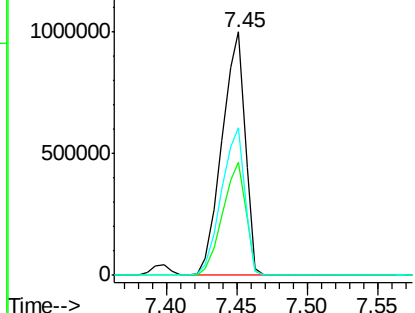
#23
Nitrobenzene-d5
Concen: 104.534 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

Tot Ion: 82 Resp: 1139076
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 60.5 41.4 62.2

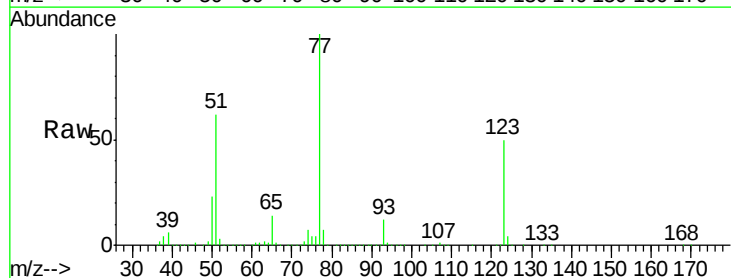


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

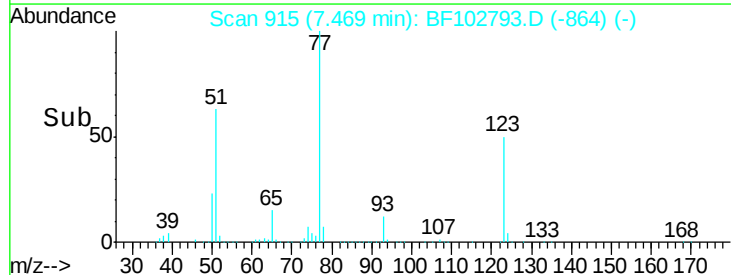
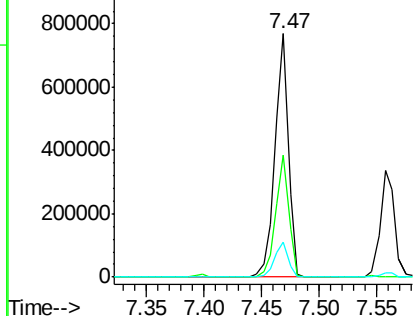


#24
Nitrobenzene
Concen: 48.642 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion: 77 Resp: 623399
Ion Ratio Lower Upper
77 100
123 49.9 37.9 56.9
65 14.5 11.0 16.4



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





#25

Isophorone

Concen: 46.519 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

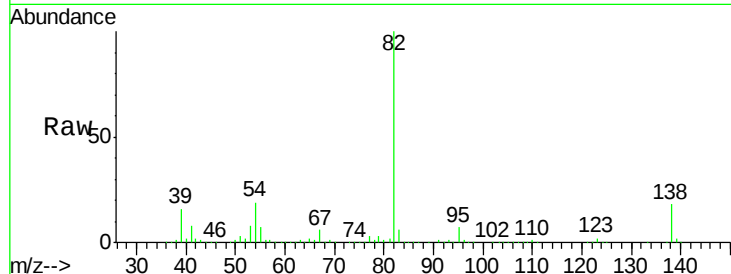
Tot Ion: 82 Resp: 1167214

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

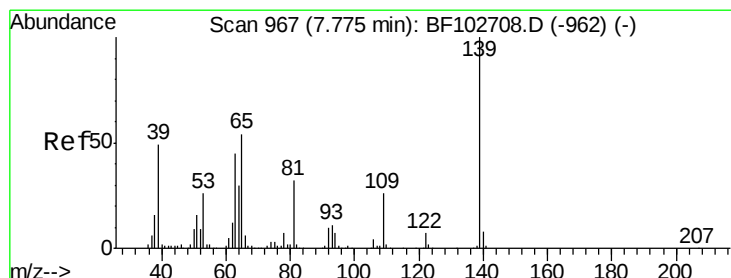
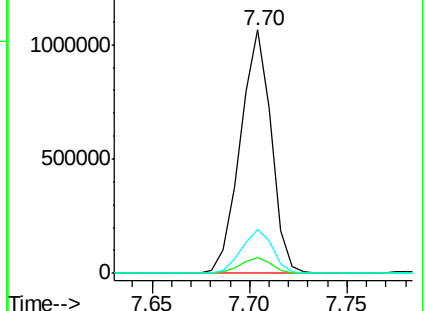
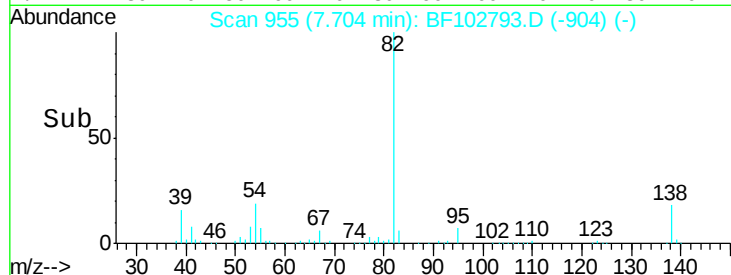
138 18.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.525 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

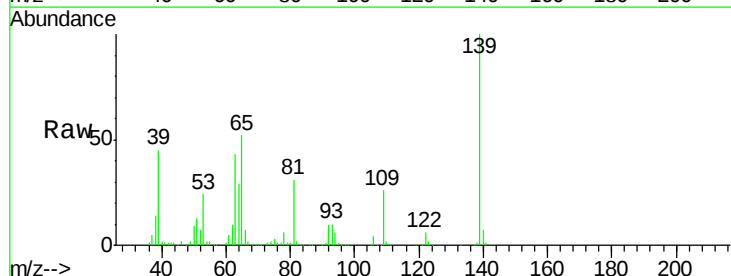
Tgt Ion: 139 Resp: 262561

Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

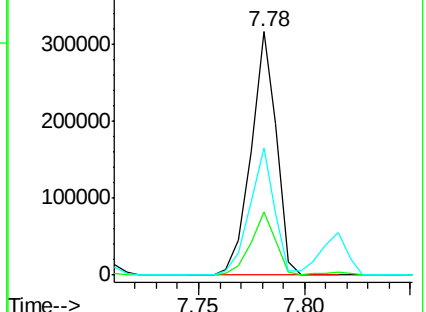
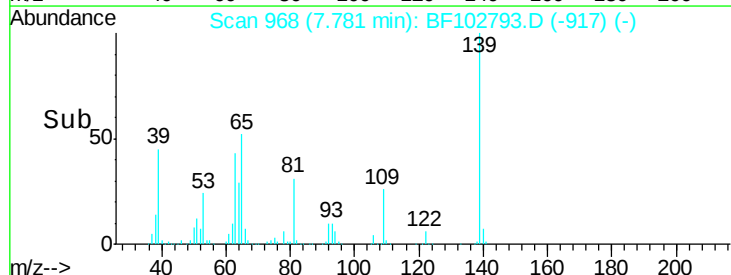
65 52.4 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

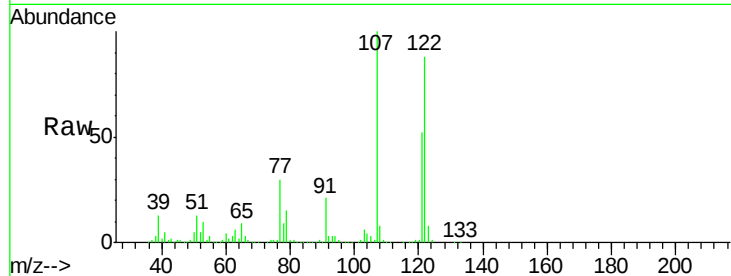




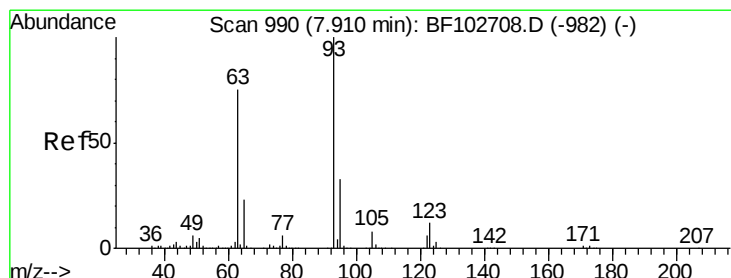
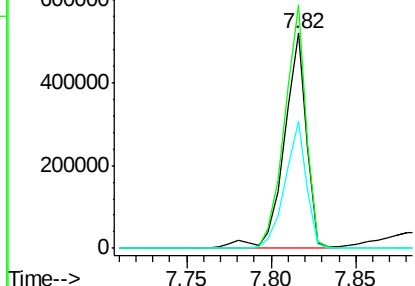
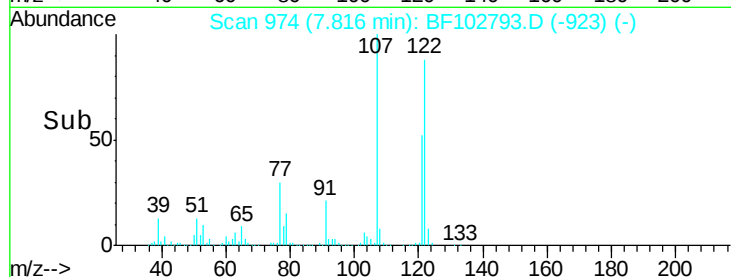
#27
 2,4-Dimethylphenol
 Concen: 45.121 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.1	91.2	136.8
121	58.9	47.2	70.8

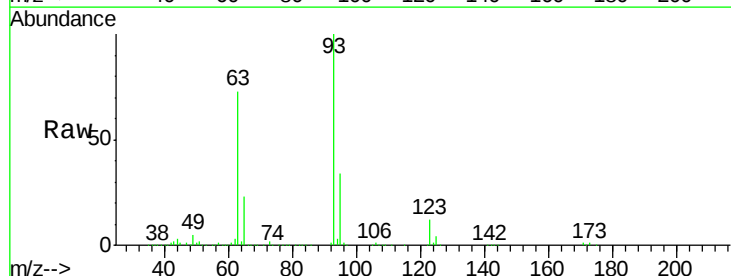


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

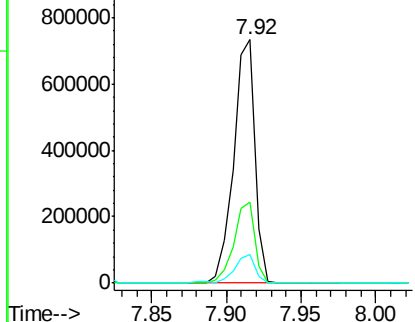
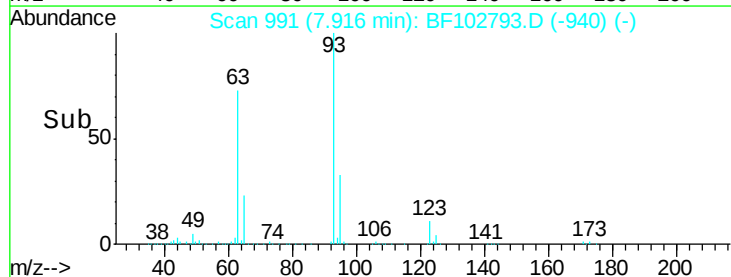


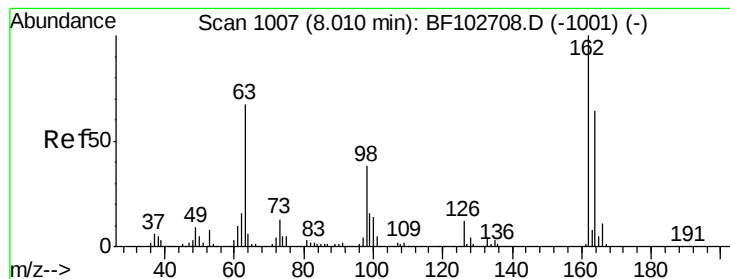
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.675 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.3	39.5
123	11.6	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: 45.370 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

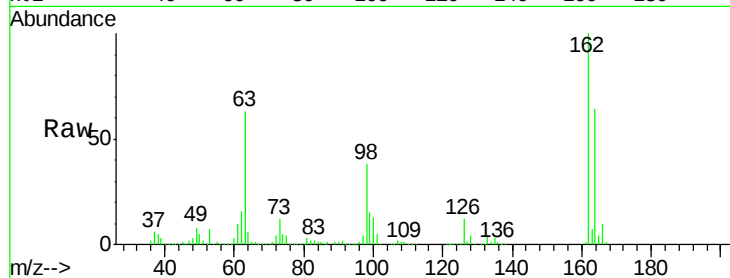
Tot Ion:162 Resp: 437215

Ion Ratio Lower Upper

162 100

164 63.6 42.7 82.7

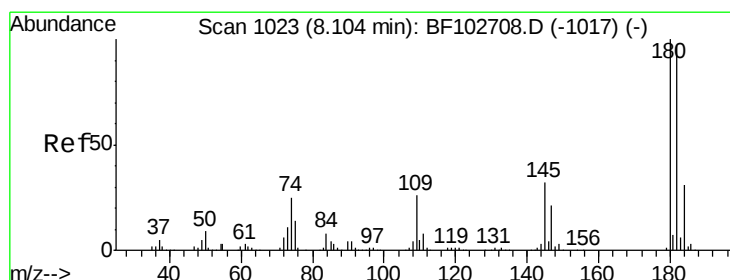
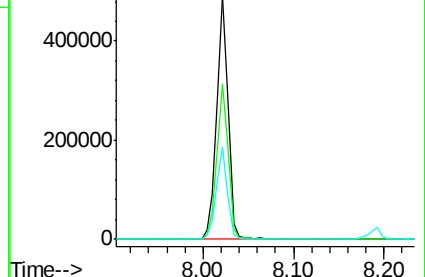
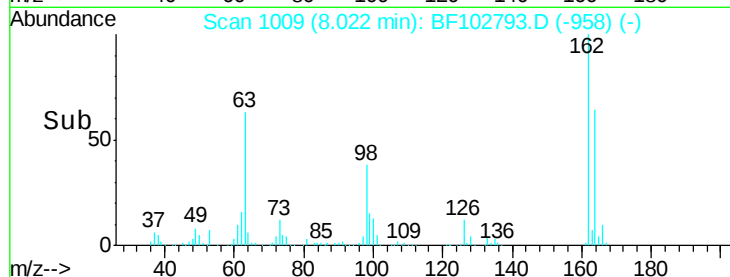
98 38.1 18.1 58.1



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: 42.181 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

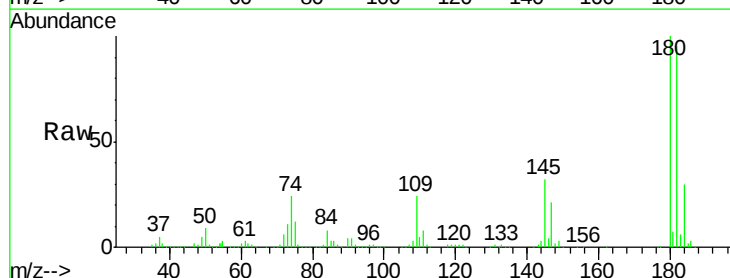
Tgt Ion:180 Resp: 459844

Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

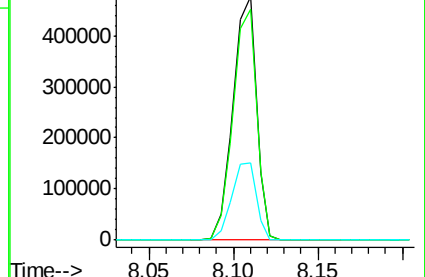
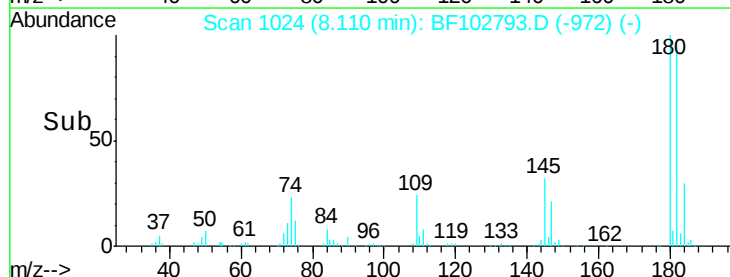
145 31.9 26.5 39.7

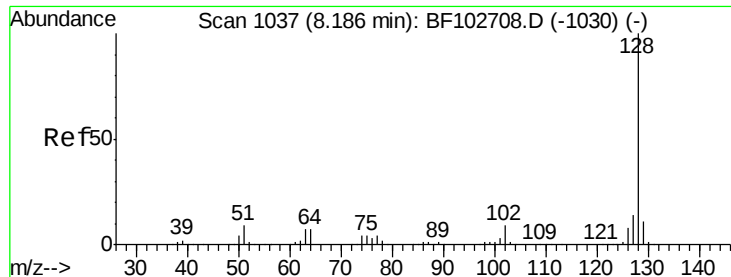


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

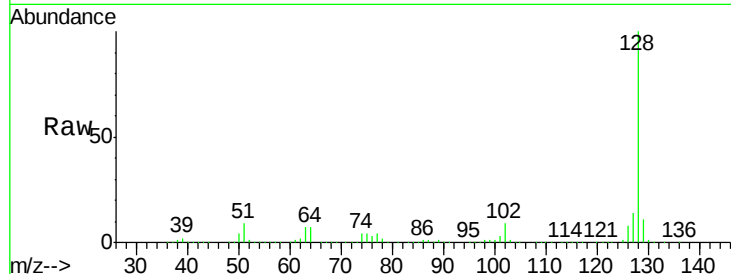




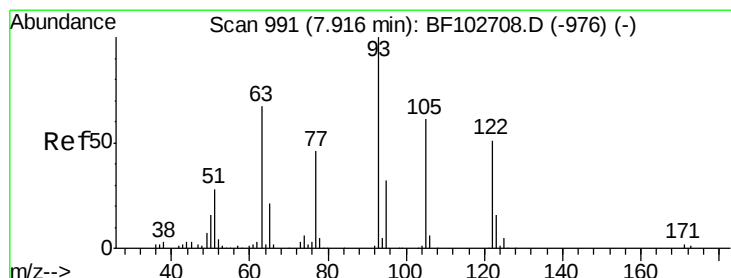
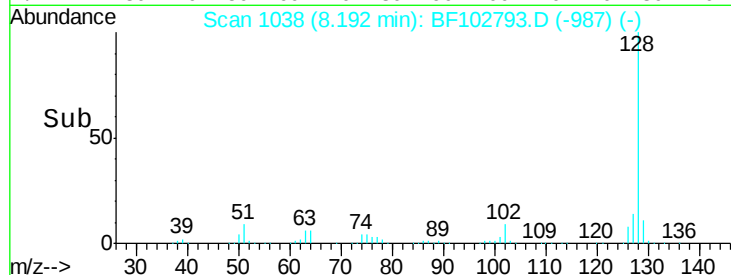
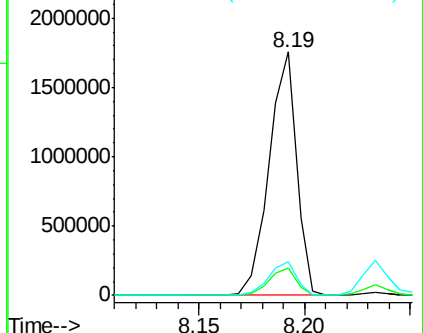
#31
Naphthalene
Concen: 43.026 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

Tot Ion:128 Resp: 1589024
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.9 16.3

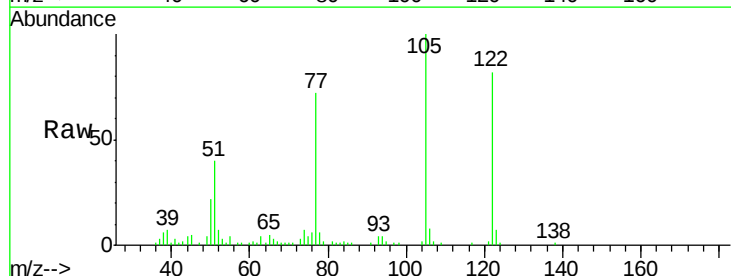


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

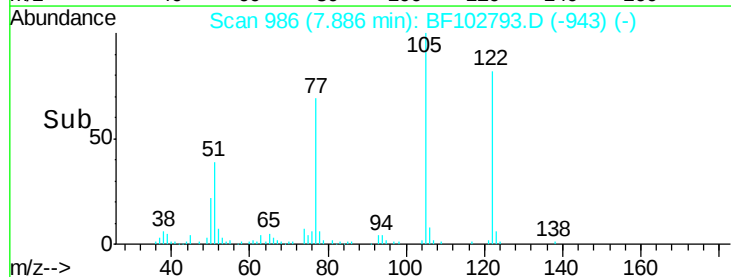
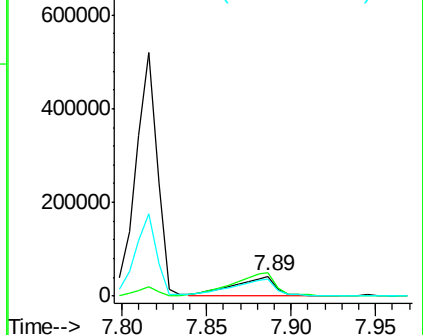


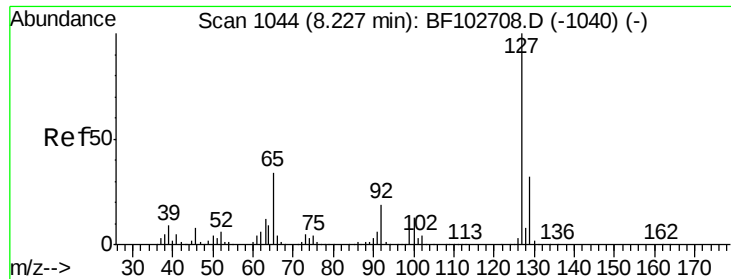
#32
Benzoic acid
Concen: 17.340 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.05 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:122 Resp: 70664
Ion Ratio Lower Upper
122 100
105 122.4 101.1 141.1
77 88.0 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

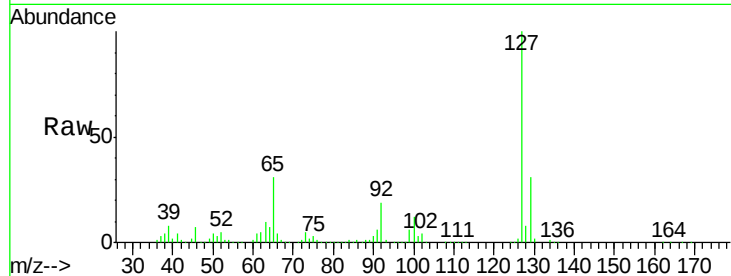




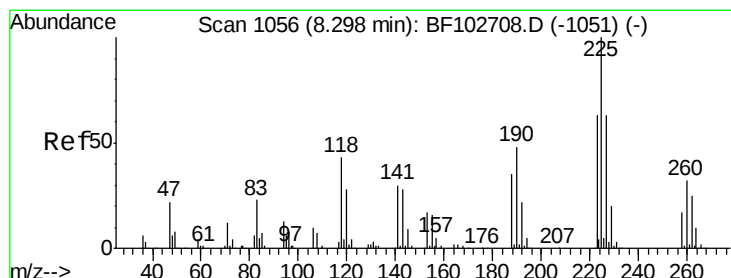
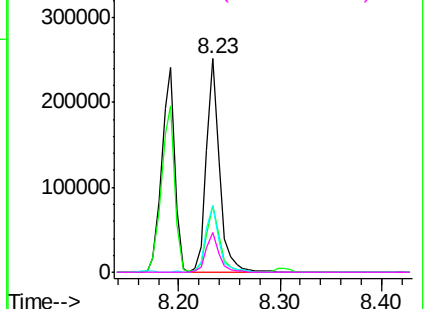
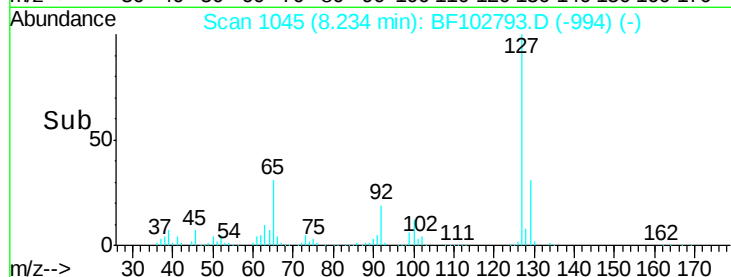
#33
4-Chloroaniline
Concen: 14.268 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

Tot Ion:	127	Resp:	227009
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	30.9	25.0	37.4
92	18.7	15.2	22.8

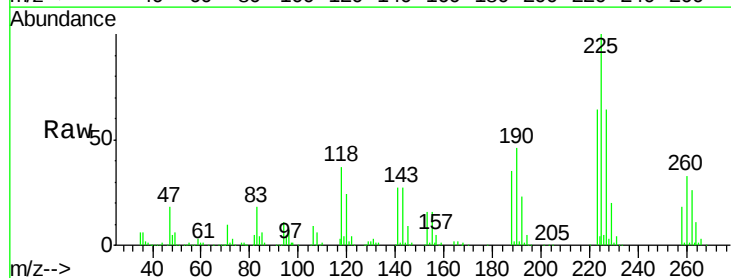


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

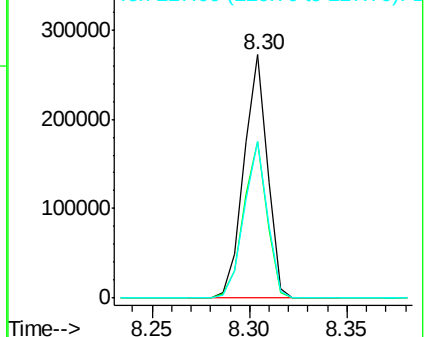
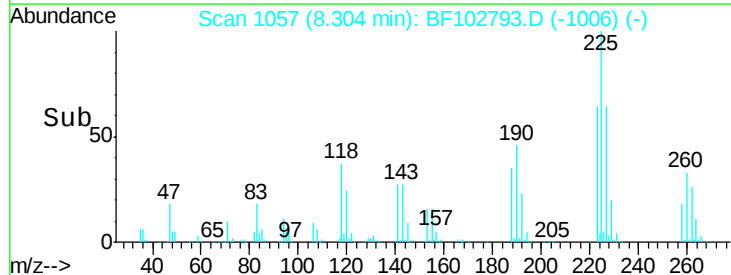


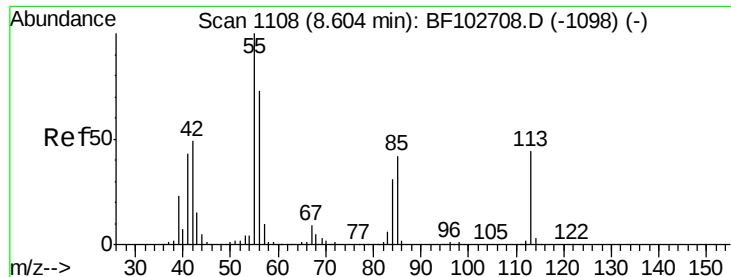
#34
Hexachlorobutadiene
Concen: 40.596 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:	225	Resp:	226779
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	64.3	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

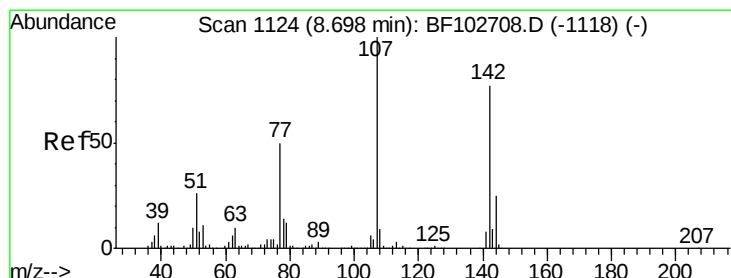
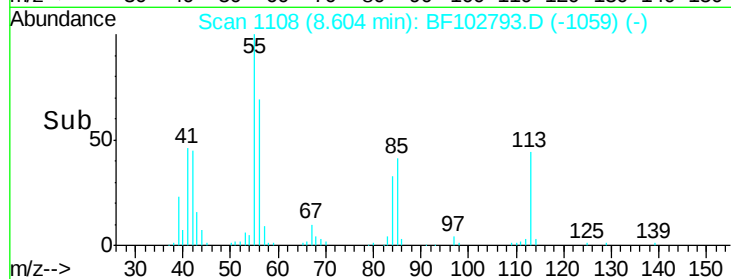
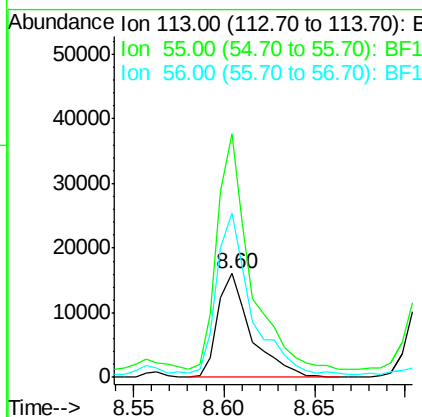
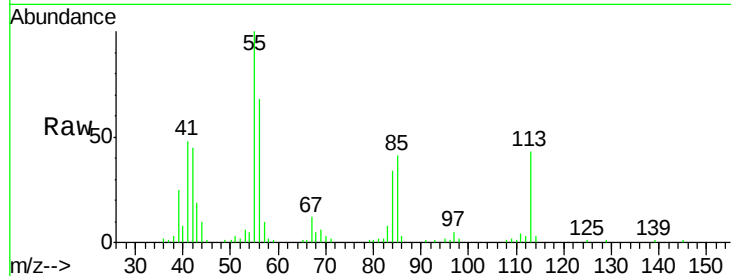




#35
 Caprolactam
 Concen: 6.192 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

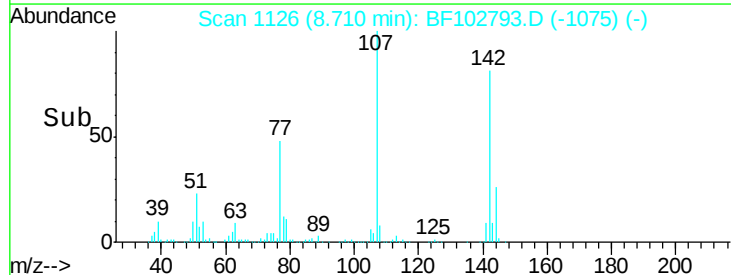
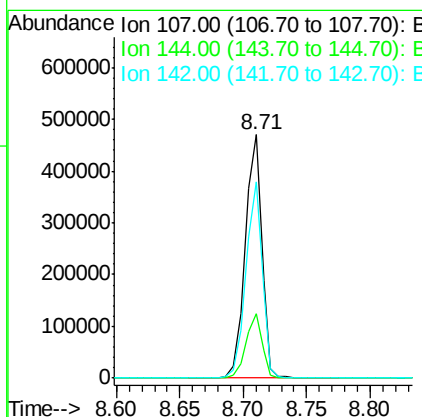
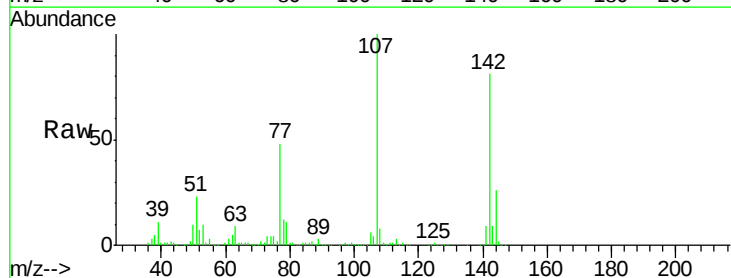
Instrument :
 BNA_F
 ClientSampleID :
 LW-01-BMS

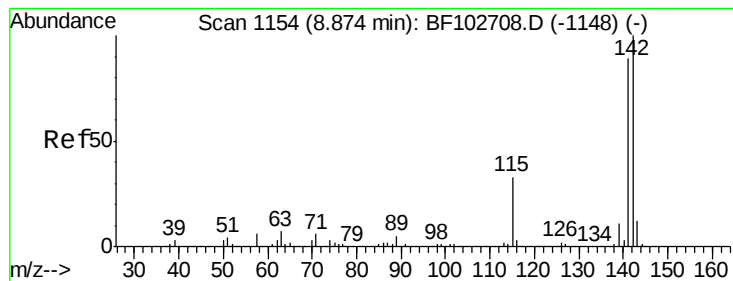
Tot Ion:113 Resp: 20723
 Ion Ratio Lower Upper
 113 100
 55 234.2 163.3 203.3#
 56 158.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.594 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Tgt Ion:107 Resp: 428704
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 80.9 62.0 93.0

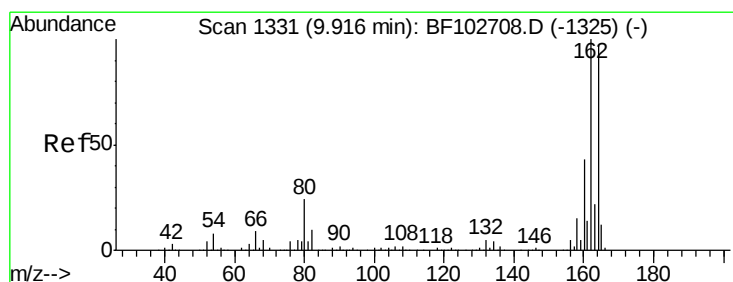
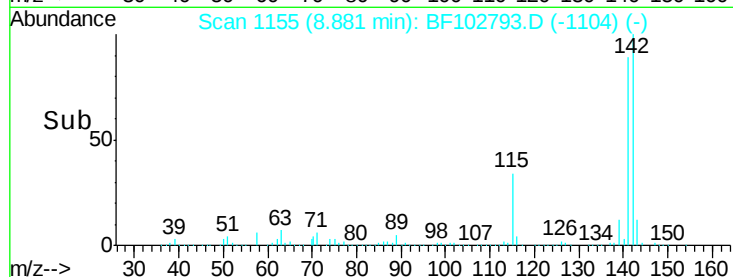
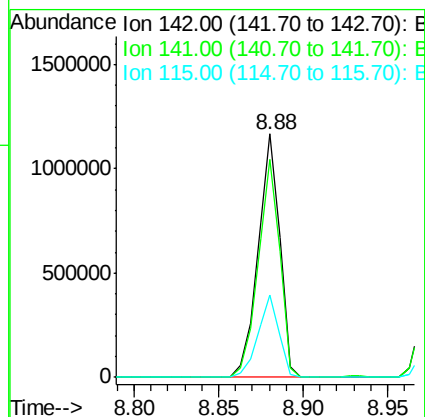
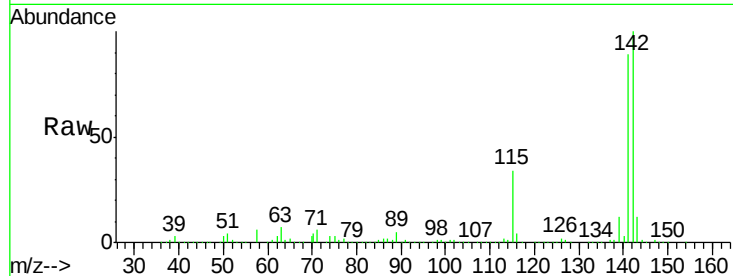




#37
2-Methylnaphthalene
Concen: 43.172 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

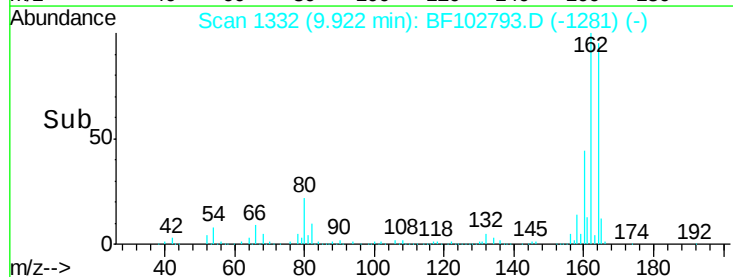
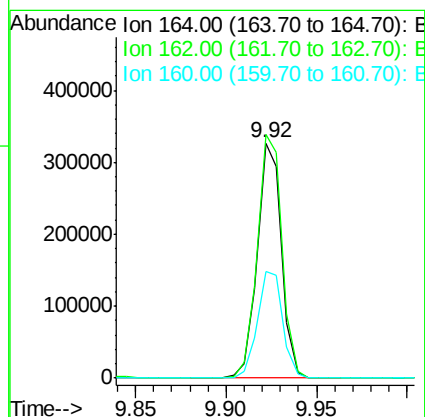
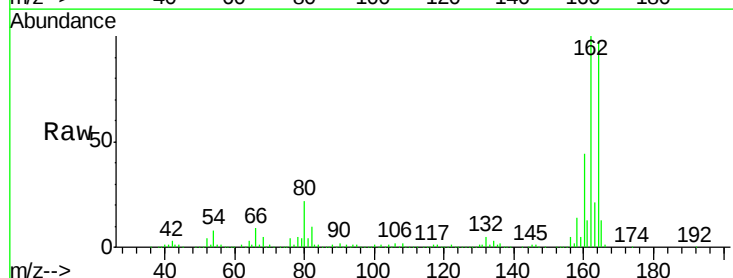
Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

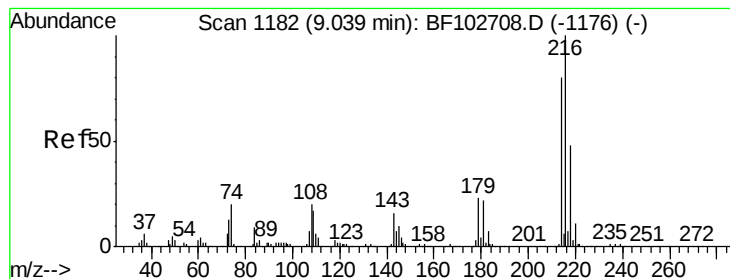
Tot Ion:142 Resp: 1043901
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2
115 33.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:164 Resp: 302338
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 45.1 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.214 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

Tot Ion:216 Resp: 405134

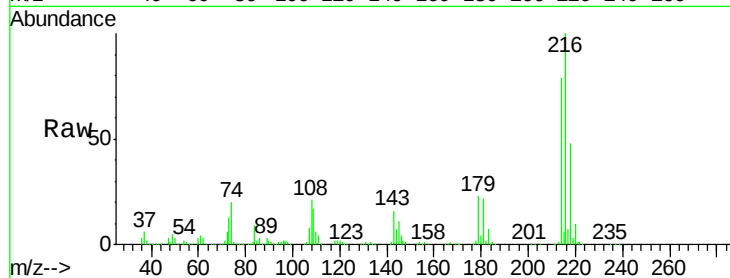
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 22.8 18.1 27.1

108 22.0 17.2 25.8

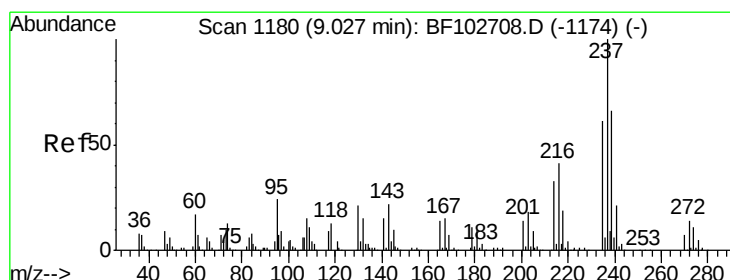
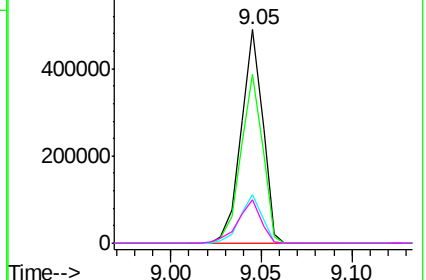
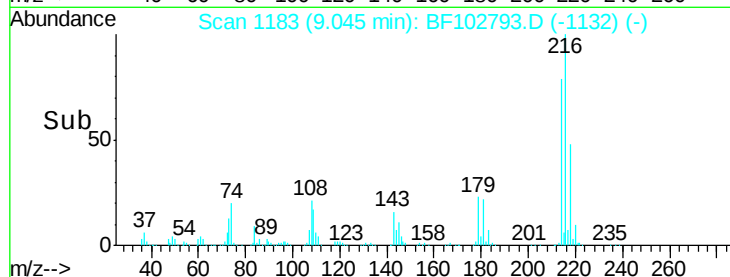


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.212 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

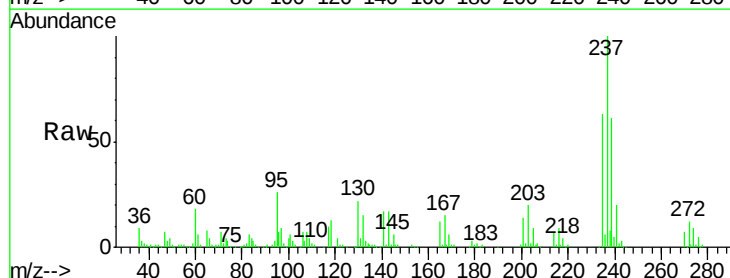
Tgt Ion:237 Resp: 145624

Ion Ratio Lower Upper

237 100

235 62.5 44.8 84.8

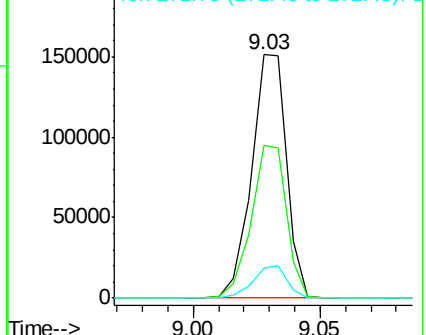
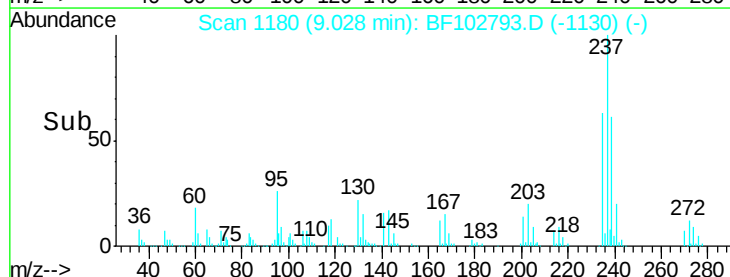
272 12.0 0.0 33.3

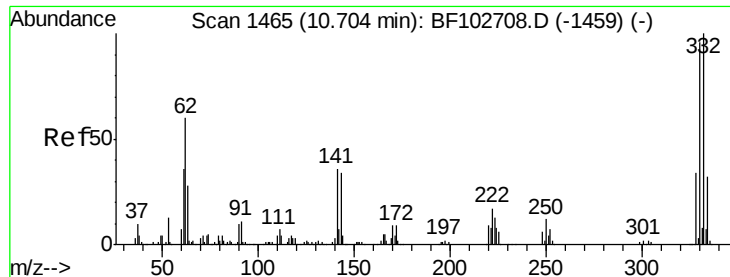


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

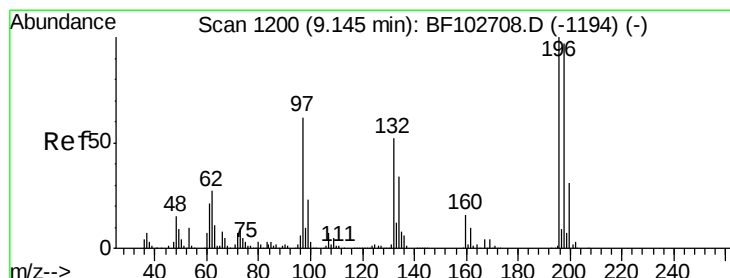
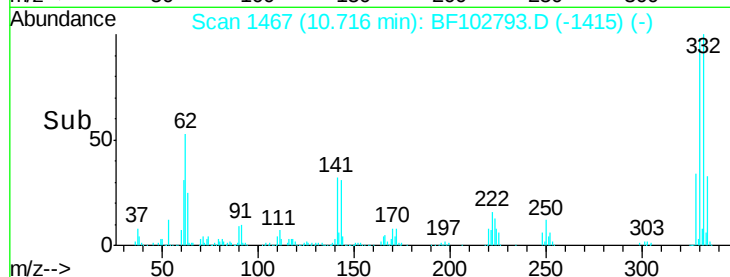
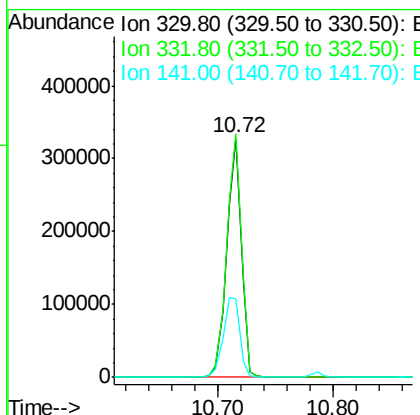
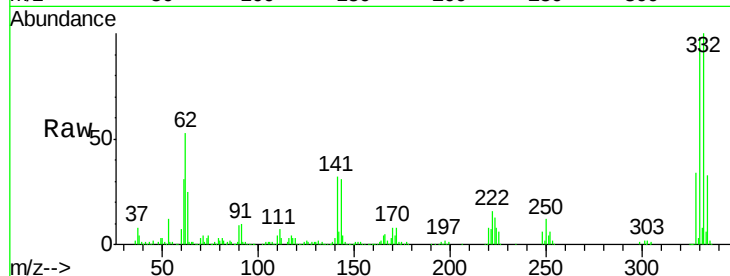




#41
 2,4,6-Tribromophenol
 Concen: 118.689 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

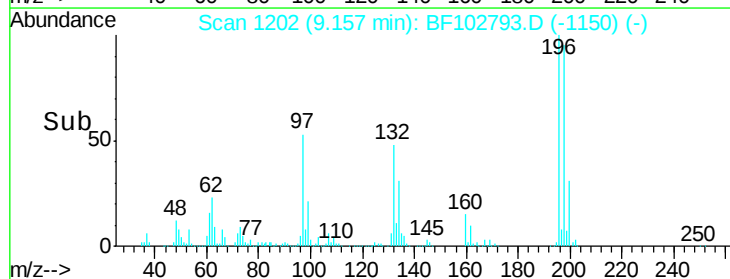
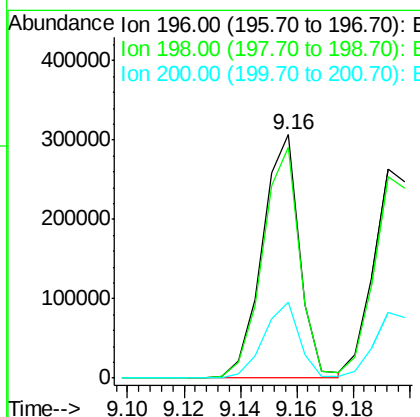
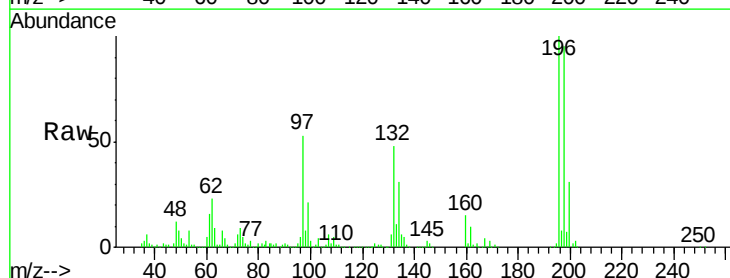
Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMS

Tot Ion:330 Resp: 288826
 Ion Ratio Lower Upper
 330 100
 332 102.6 77.0 115.6
 141 37.9 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 51.983 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Tgt Ion:196 Resp: 281078
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 31.2 24.5 36.7

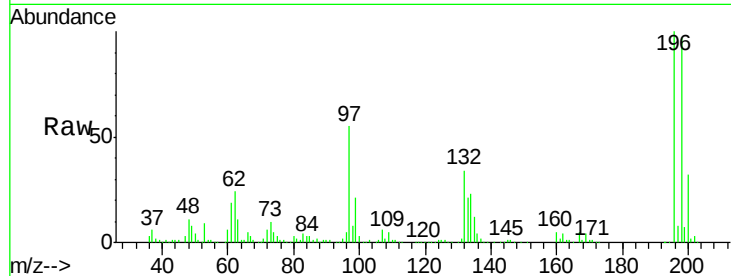




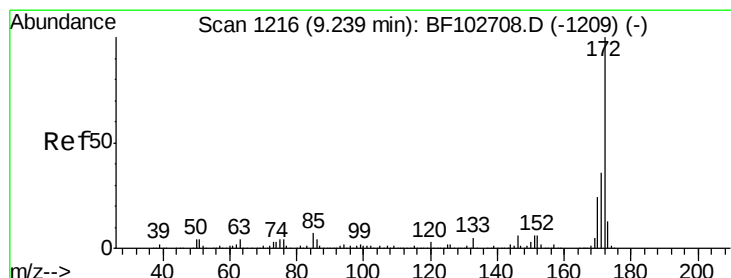
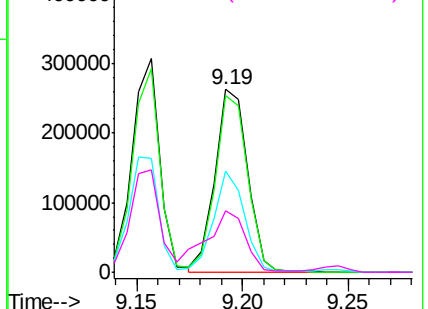
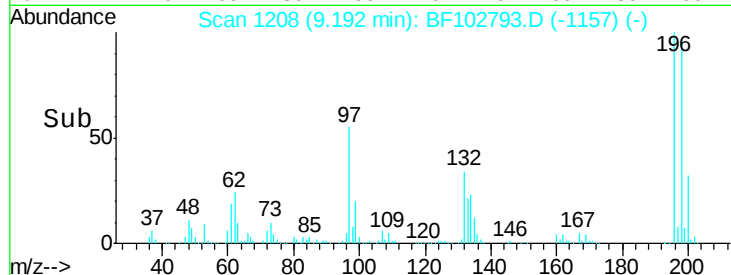
#43
 2,4,5-Trichlorophenol
 Concen: 46.101 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMS

Tot Ion:196 Resp: 280952
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.6 112.0
 97 55.0 42.9 64.3
 132 33.8 26.3 39.5

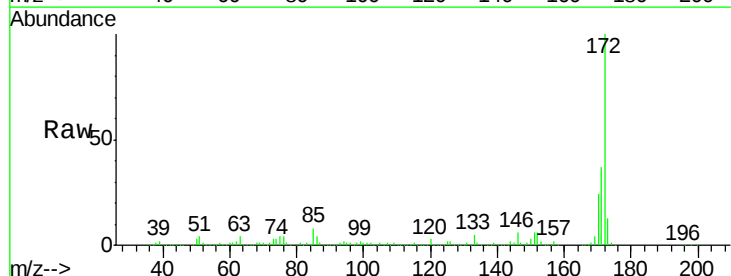


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

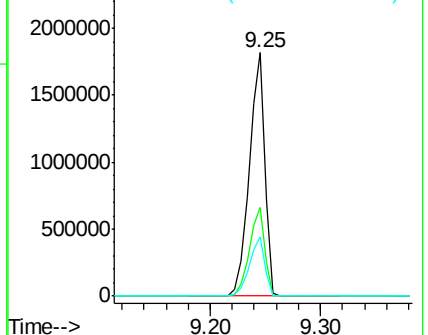
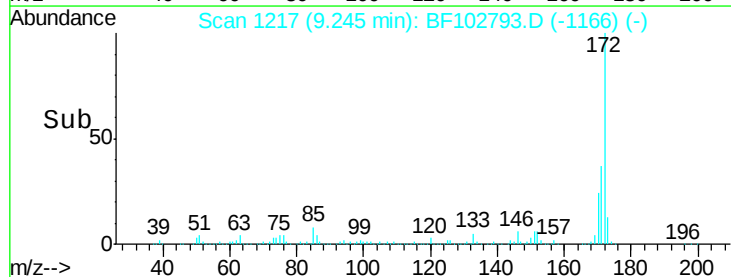


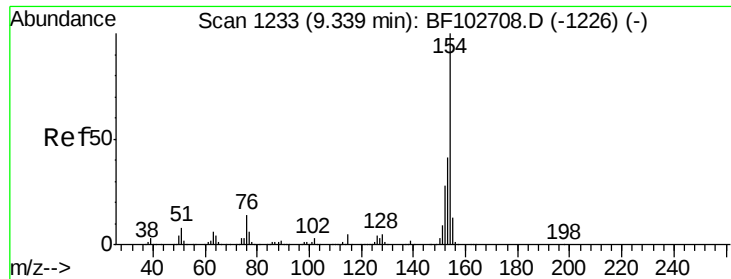
#44
 2-Fluorobiphenyl
 Concen: 97.535 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Tgt Ion:172 Resp: 1777108
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.2 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

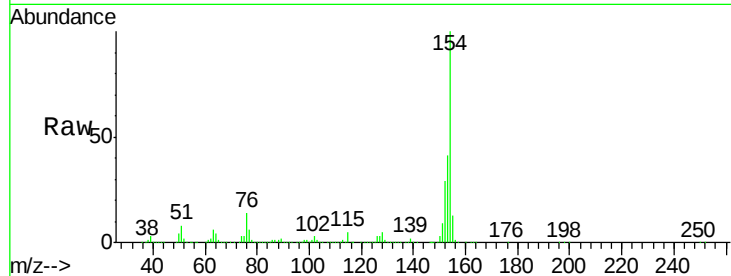




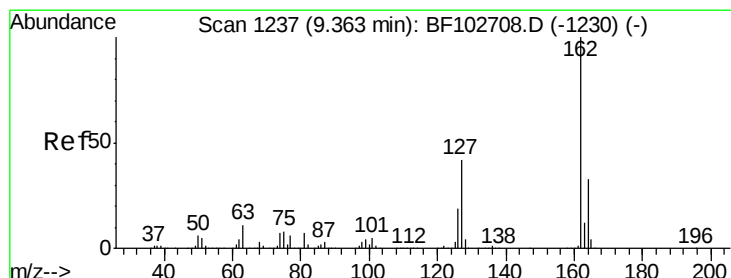
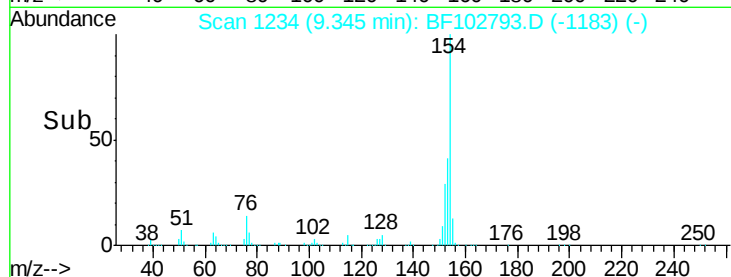
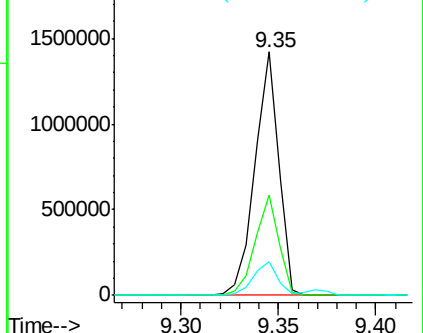
#45
 1,1'-Biphenyl
 Concen: 47.113 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMS

Tot Ion:154 Resp: 1199726
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 14.0 0.0 34.0

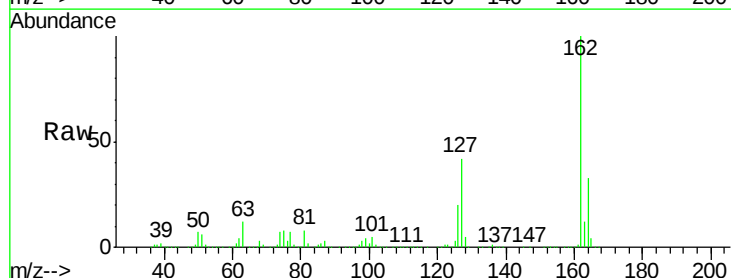


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

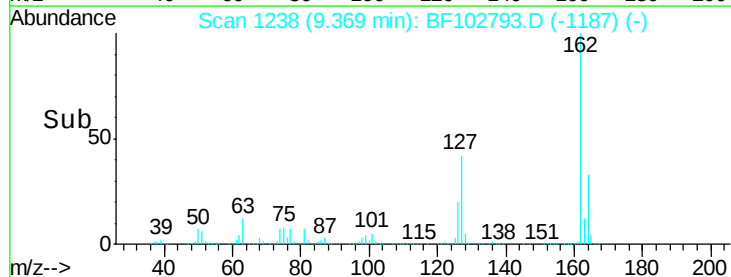
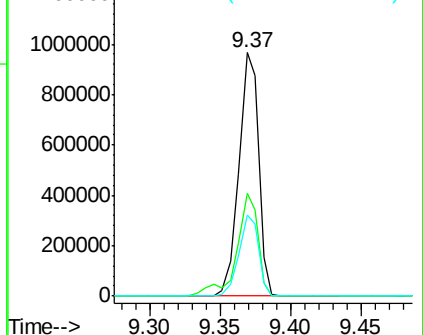


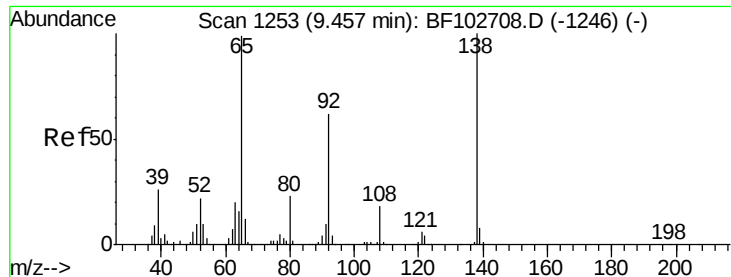
#46
 2-Chloronaphthalene
 Concen: 46.732 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Tgt Ion:162 Resp: 936874
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.9 50.9
 164 33.3 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

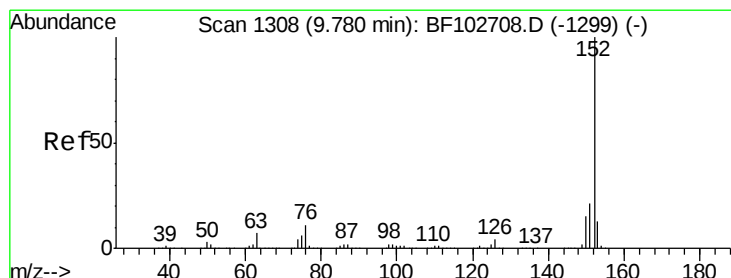
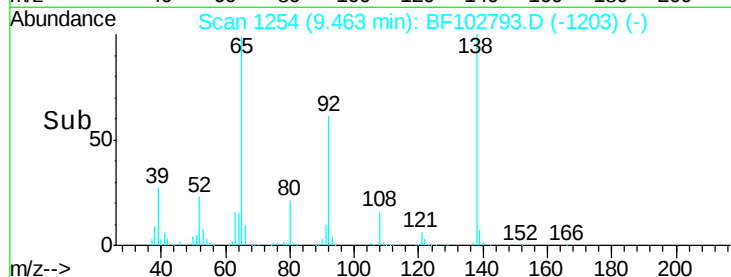
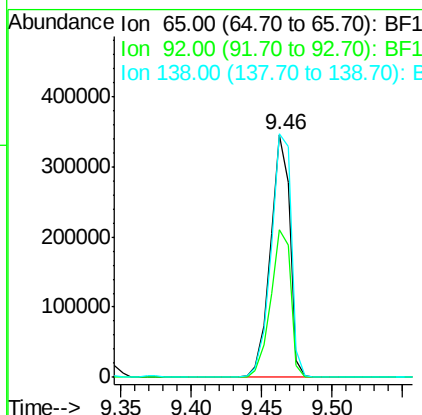
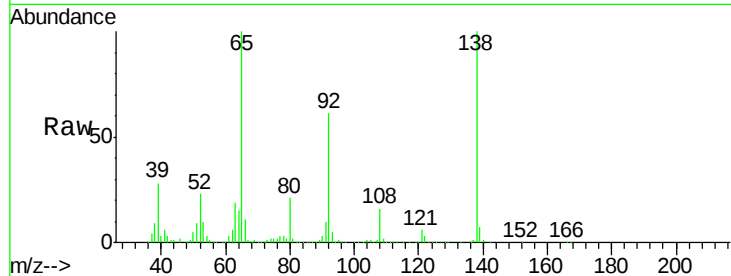




#47
2-Nitroaniline
Concen: 53.773 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

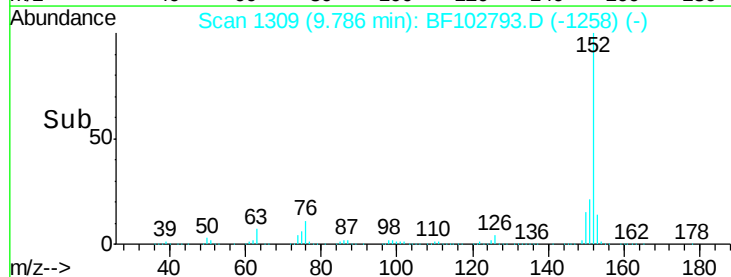
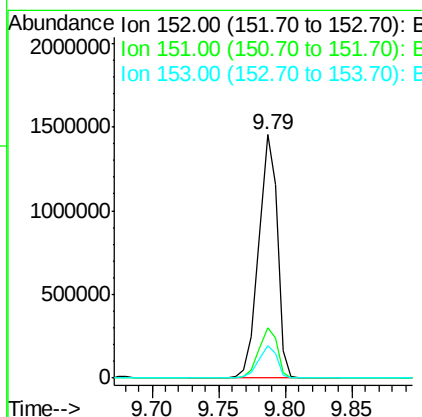
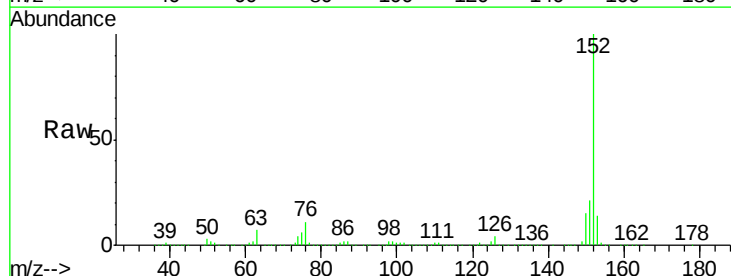
Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

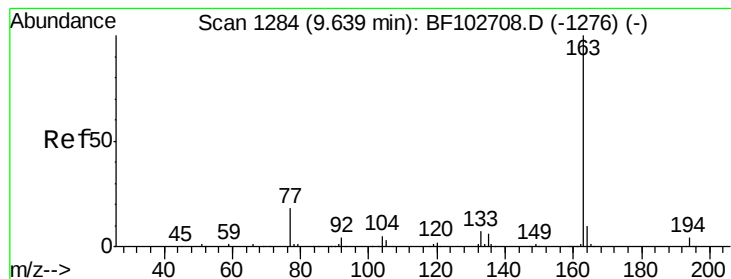
Tot Ion: 65 Resp: 335442
Ion Ratio Lower Upper
65 100
92 60.8 55.8 83.6
138 100.3 91.2 136.8



#48
Acenaphthylene
Concen: 44.340 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion: 152 Resp: 1380652
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 48.000 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

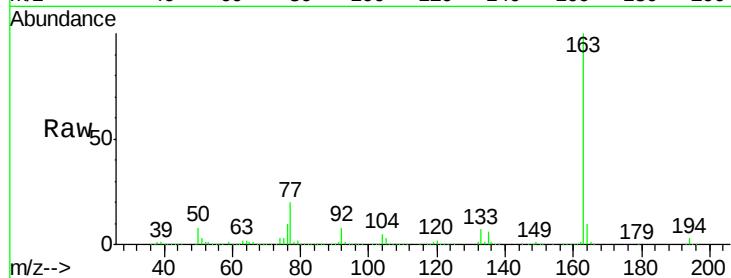
Tot Ion:163 Resp: 1131545

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

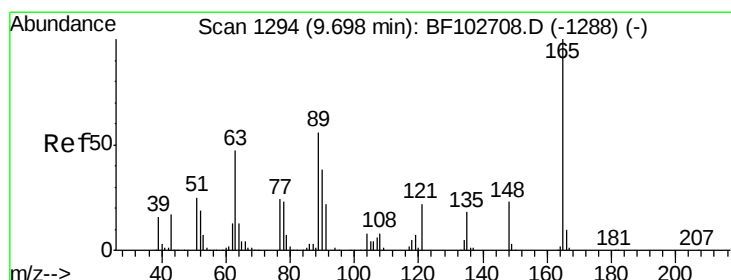
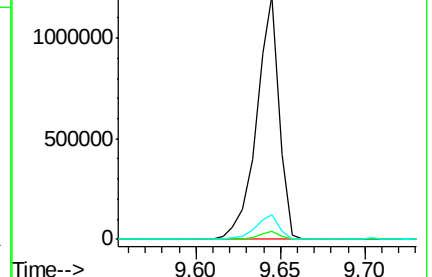
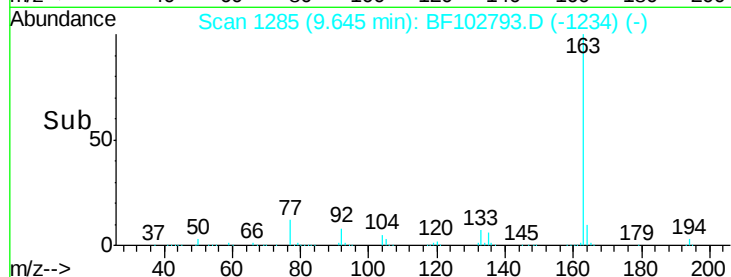
164 10.0 8.2 12.2



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: 52.834 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

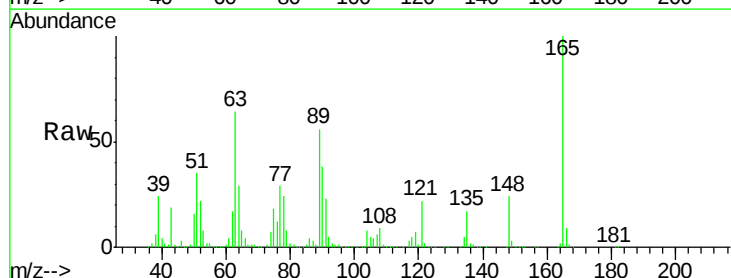
Tgt Ion:165 Resp: 236958

Ion Ratio Lower Upper

165 100

63 63.8 44.7 67.1

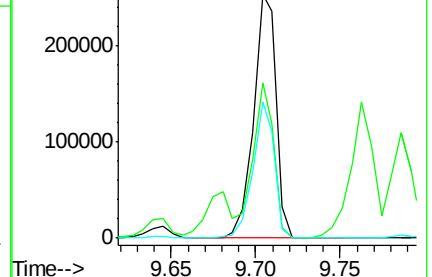
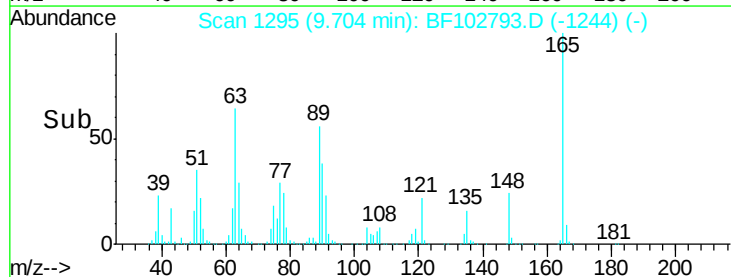
89 56.0 44.0 66.0

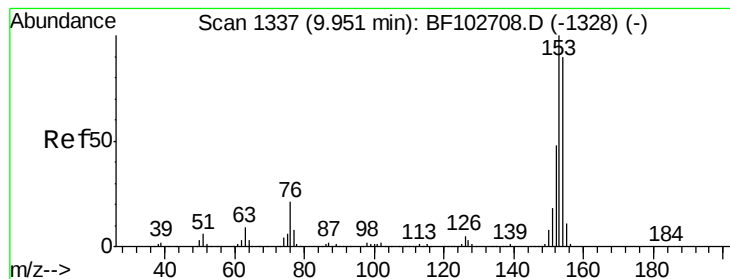


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 43.455 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

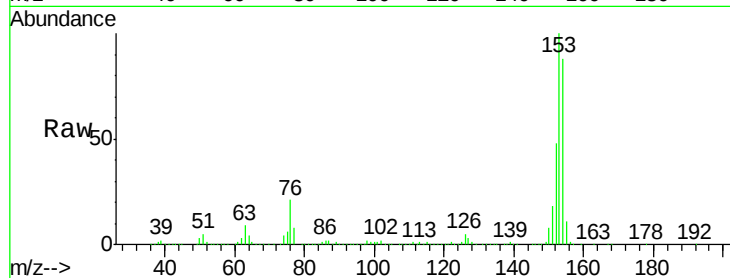
Tot Ion:154 Resp: 809182

Ion Ratio Lower Upper

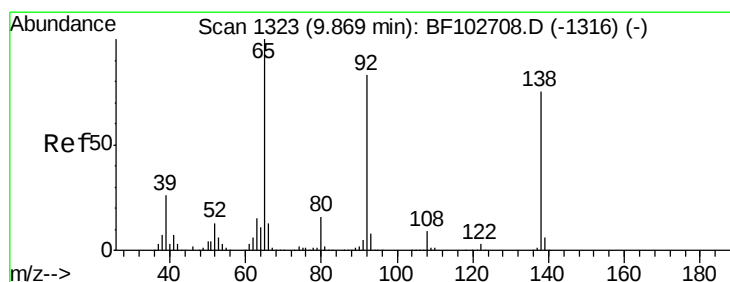
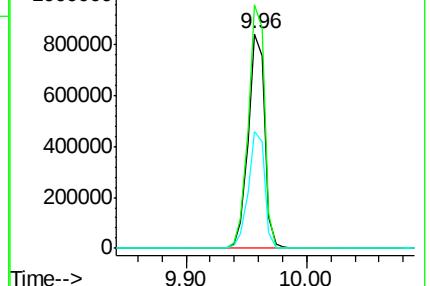
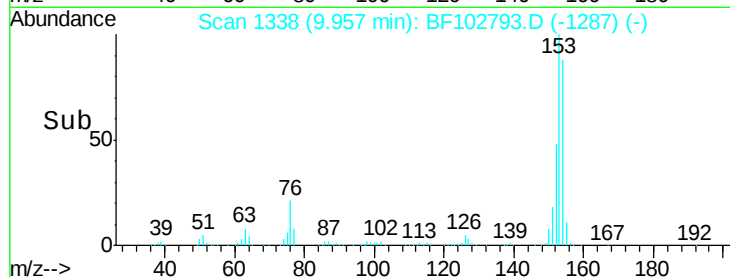
154 100

153 113.6 91.2 136.8

152 54.4 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: 27.436 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

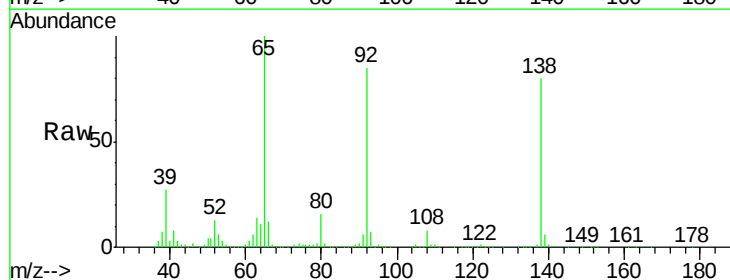
Tgt Ion:138 Resp: 151407

Ion Ratio Lower Upper

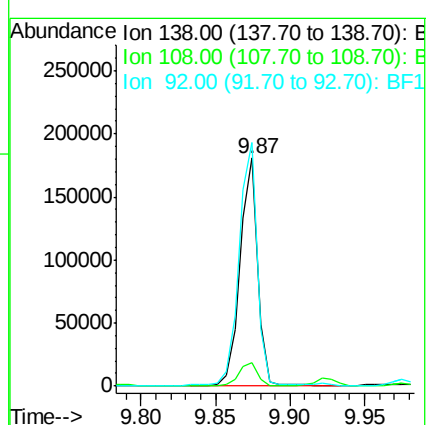
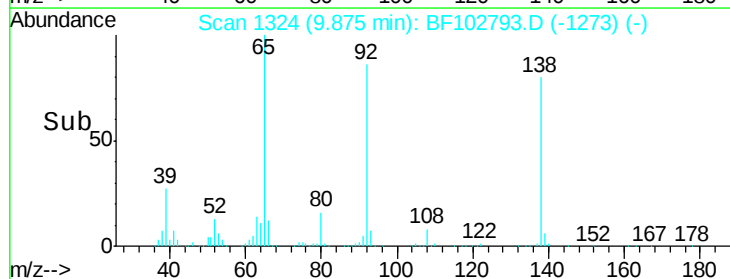
138 100

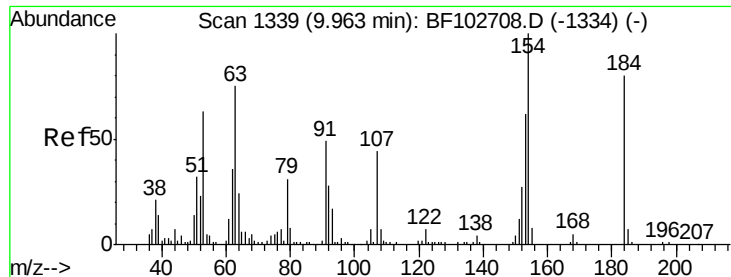
108 10.3 9.4 14.0

92 107.0 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

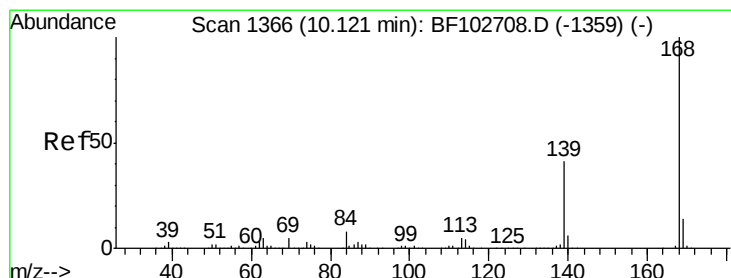
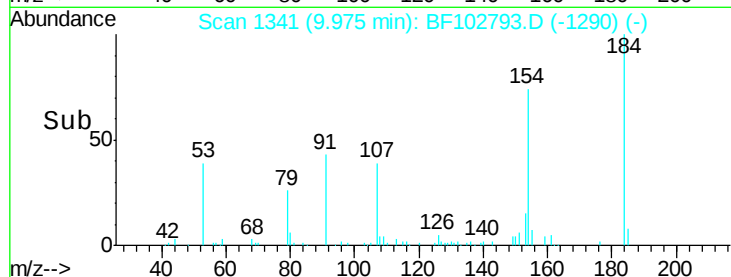
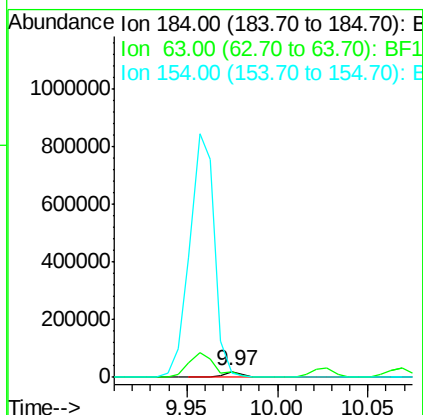
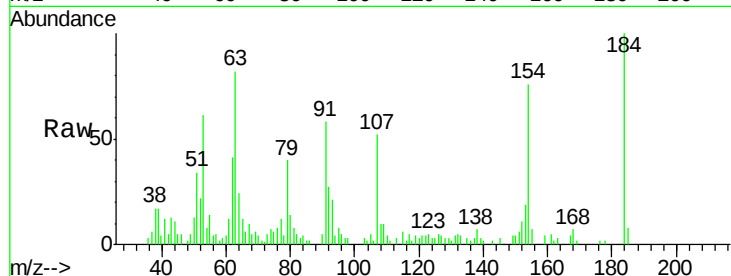




#53
2,4-Dinitrophenol
Concen: 24.900 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

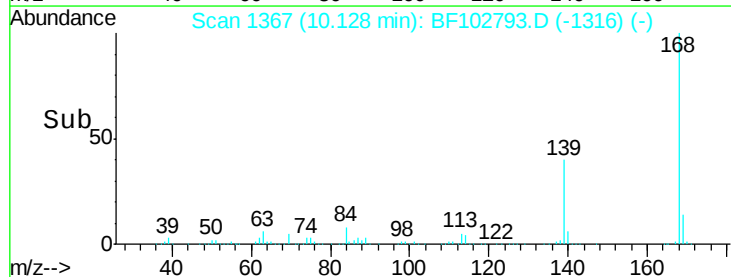
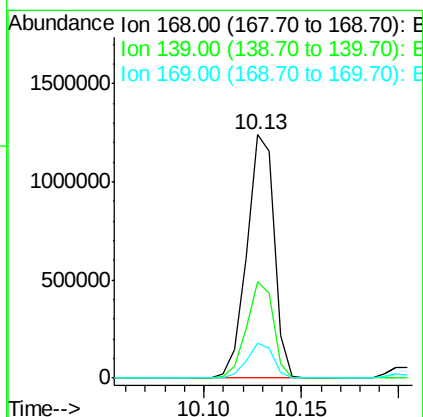
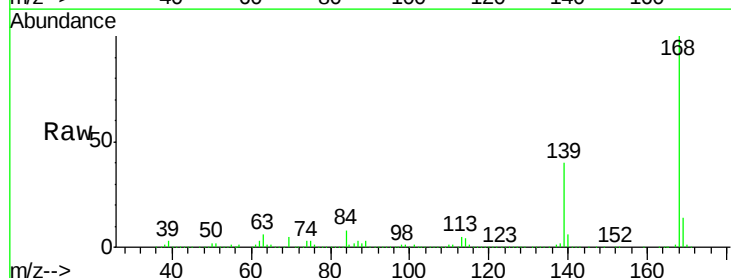
Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

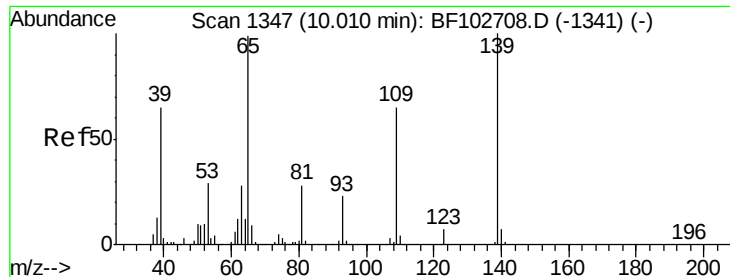
Tot Ion:184 Resp: 16629
Ion Ratio Lower Upper
184 100
63 82.4 54.2 81.2#
154 75.5 184.0 276.0#



#54
Dibenzofuran
Concen: 45.799 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:168 Resp: 1201891
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 14.1 10.9 16.3

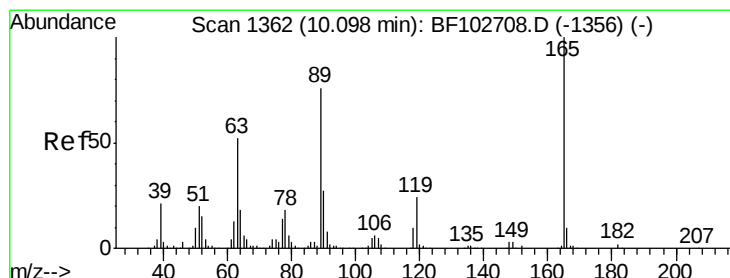
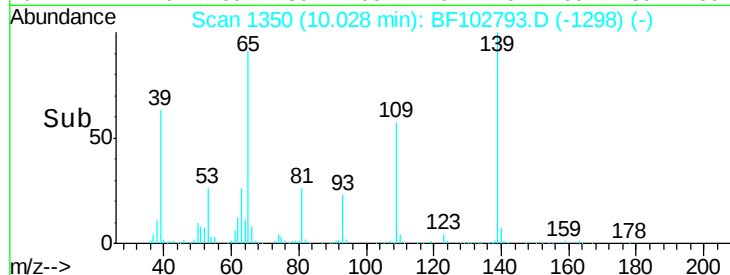
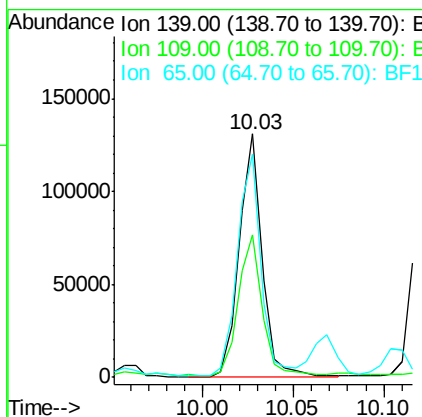
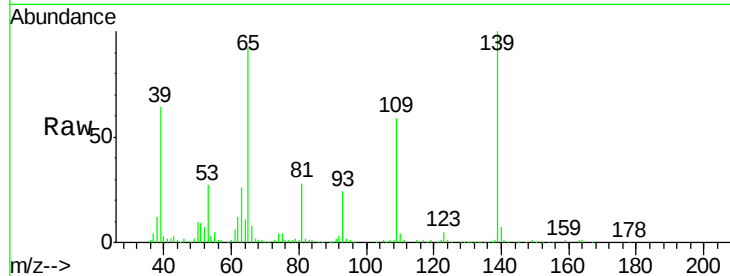




#55
4-Nitrophenol
Concen: 28.194 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

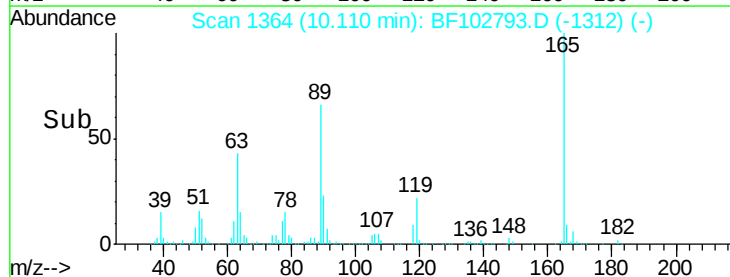
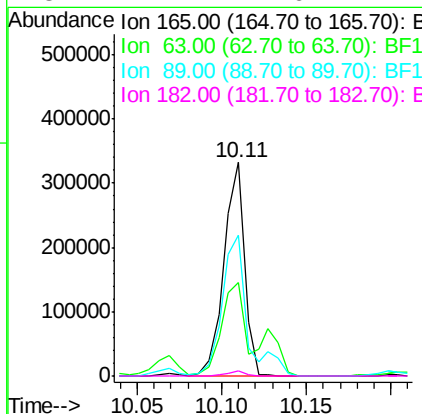
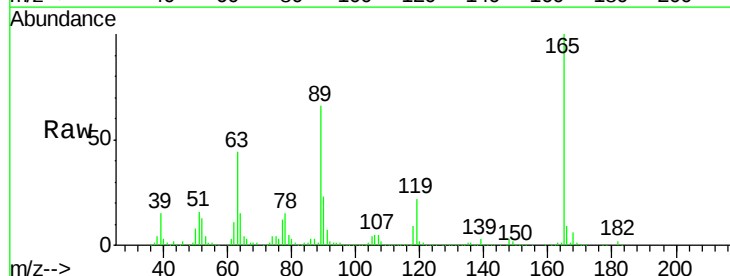
Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

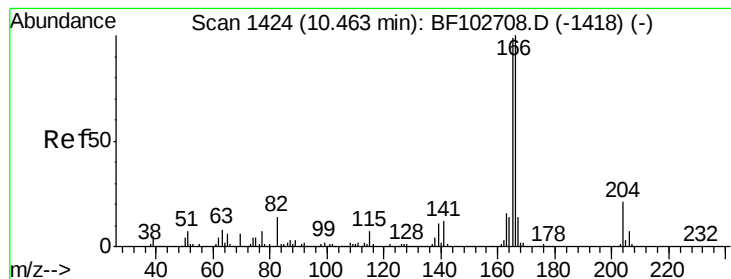
Tot Ion:139 Resp: 115416
Ion Ratio Lower Upper
139 100
109 58.6 48.4 88.4
65 91.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 47.107 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:165 Resp: 282981
Ion Ratio Lower Upper
165 100
63 43.6 36.4 54.6
89 66.0 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 44.386 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

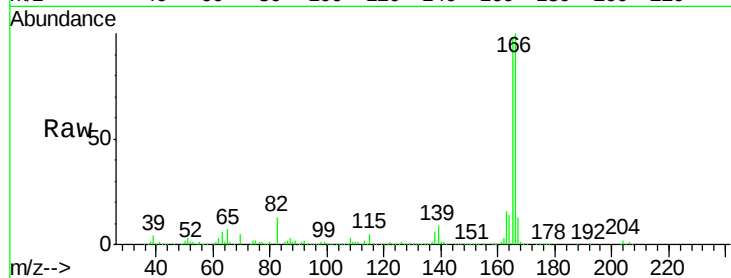
Tot Ion:166 Resp: 847485

Ion Ratio Lower Upper

166 100

165 98.0 79.8 119.8

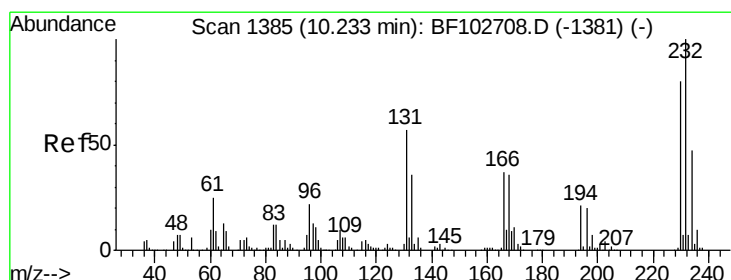
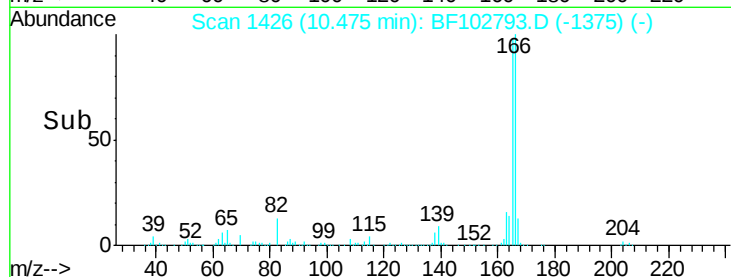
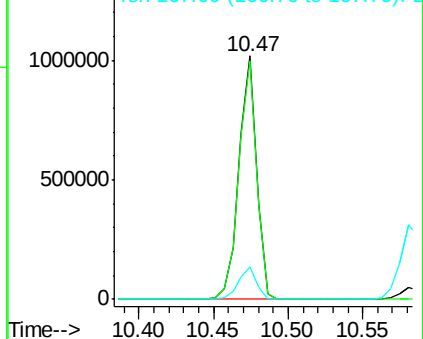
167 13.3 10.6 16.0



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: 45.226 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Tgt Ion:232 Resp: 191030

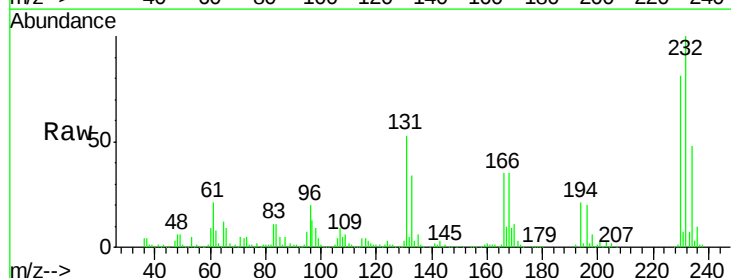
Ion Ratio Lower Upper

232 100

131 53.1 43.8 65.8

130 3.1 2.1 3.1#

166 36.3 27.8 41.6

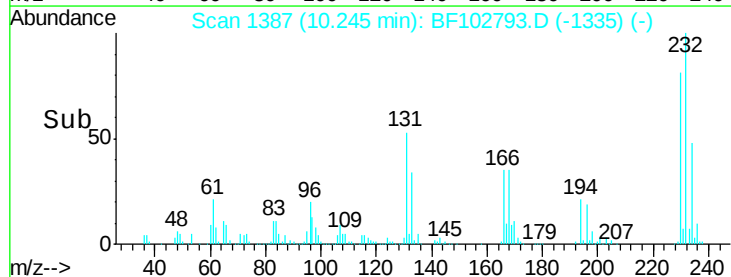
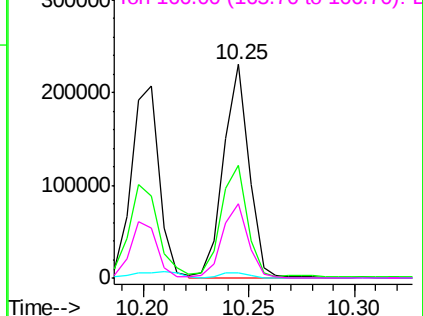


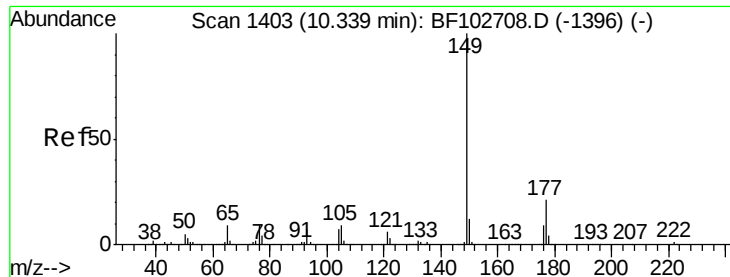
Abundance Ion 232.00 (231.70 to 232.70): E

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

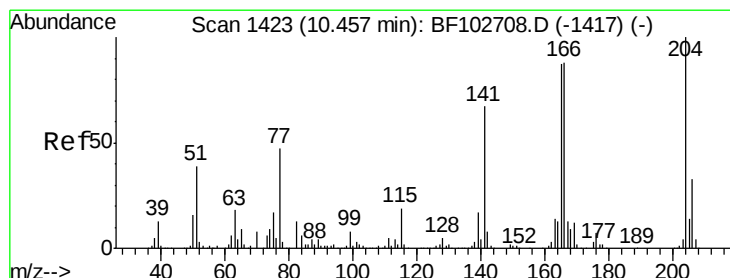
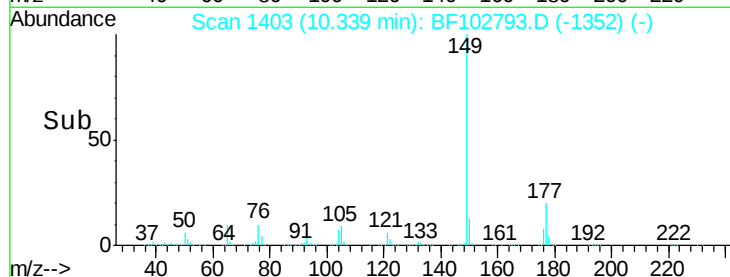
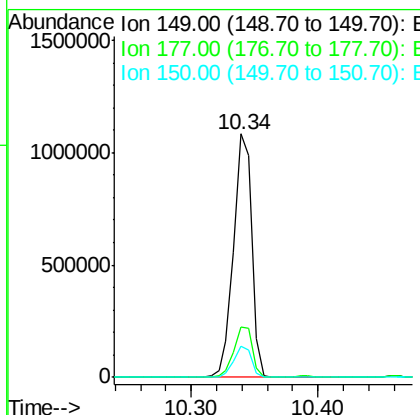
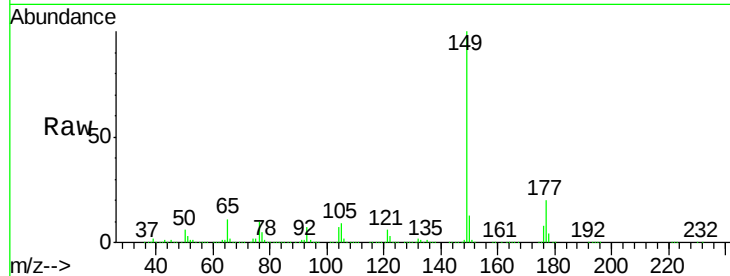




#59
Diethylphthalate
Concen: 45.681 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

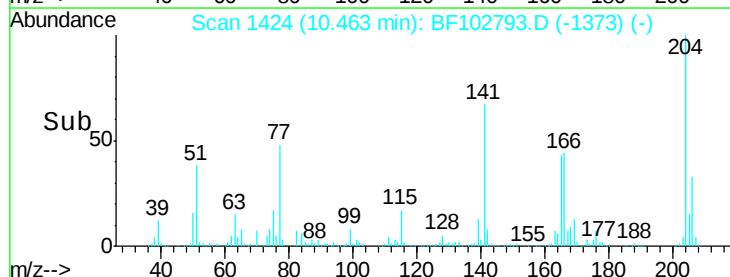
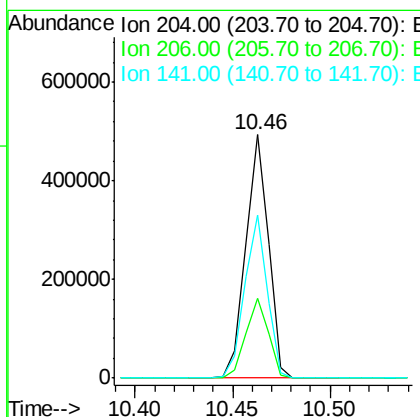
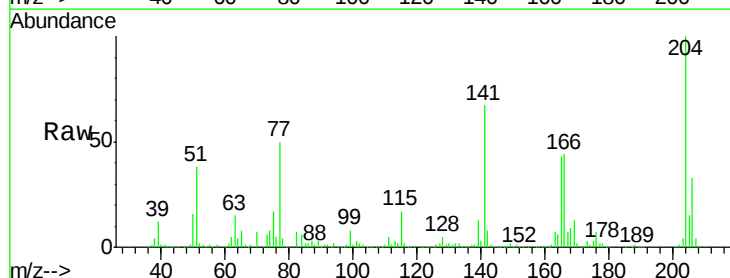
Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

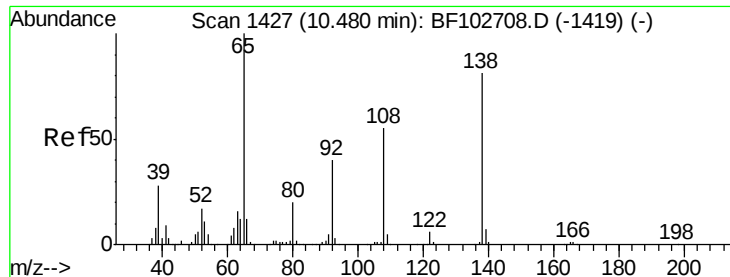
Tot Ion:149 Resp: 1063317
Ion Ratio Lower Upper
149 100
177 20.5 16.1 24.1
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.978 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:204 Resp: 396795
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 67.1 54.6 81.8

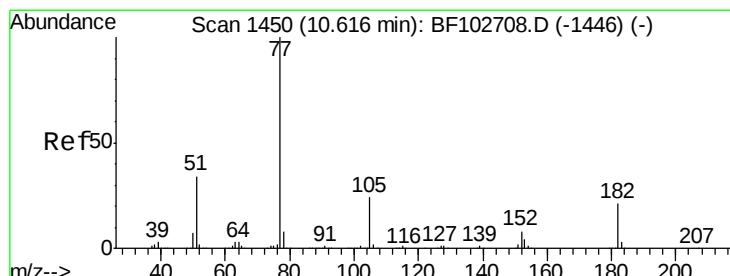
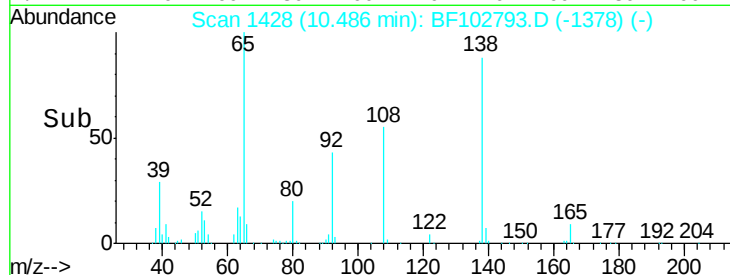
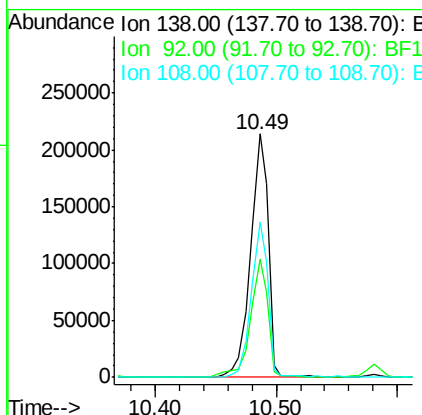
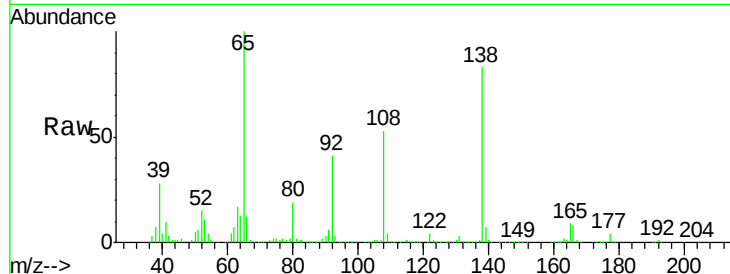




#61
4-Nitroaniline
Concen: 41.966 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

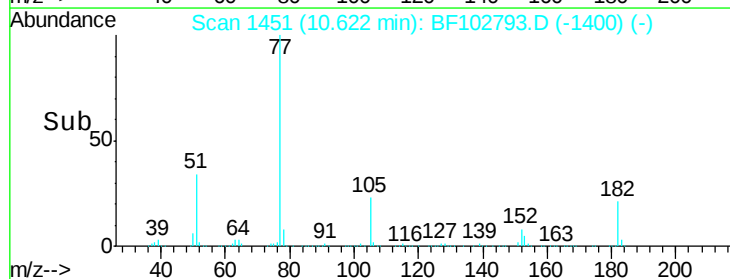
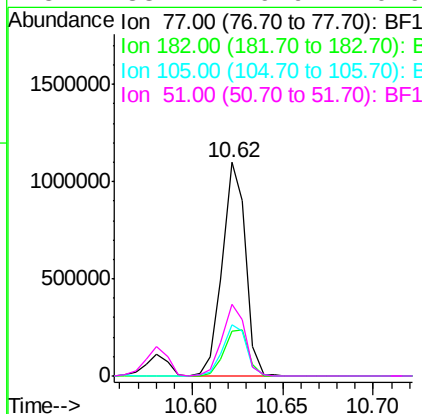
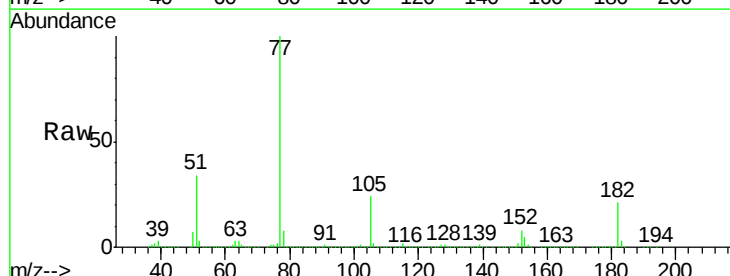
Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

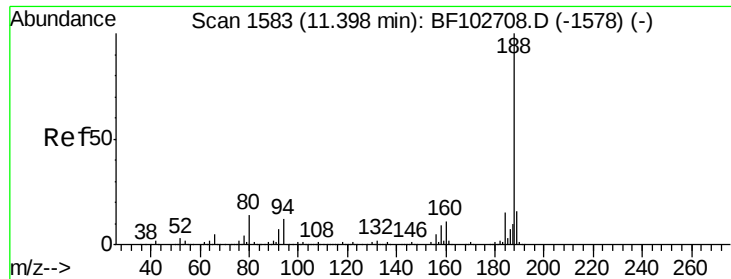
Tot Ion:138 Resp: 220439
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 63.6 52.5 92.5



#62
Azobenzene
Concen: 41.972 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion: 77 Resp: 976010
Ion Ratio Lower Upper
77 100
182 21.3 1.7 41.7
105 23.8 3.0 43.0
51 33.7 9.9 49.9

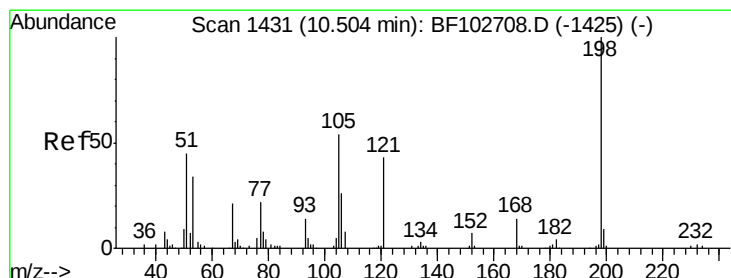
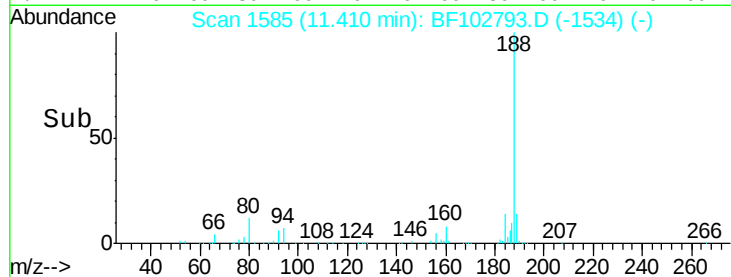
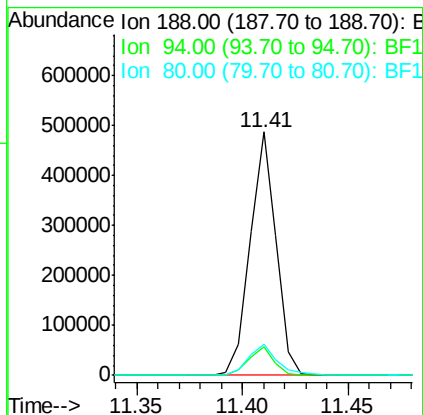
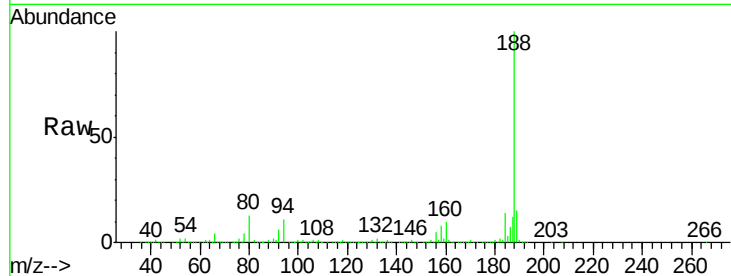




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

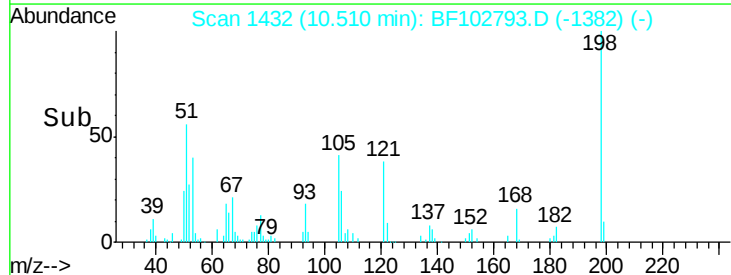
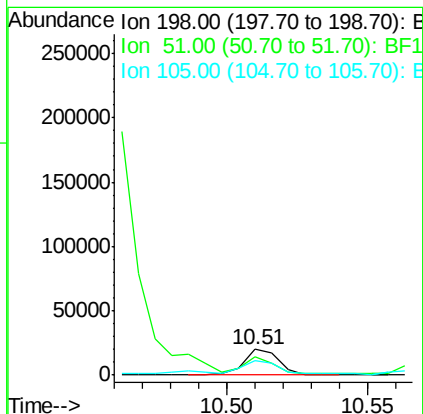
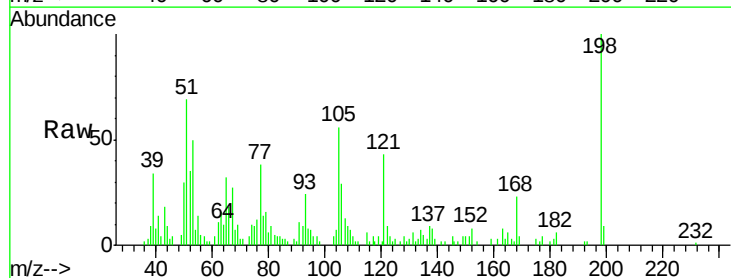
Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

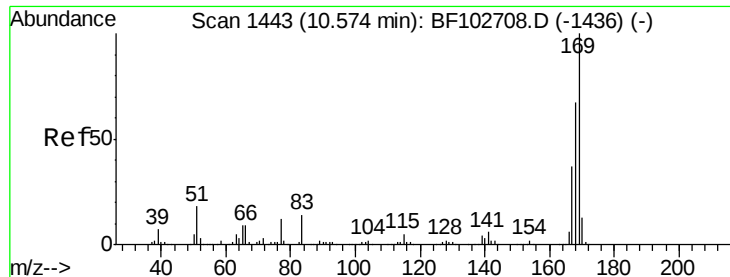
Tot Ion:188 Resp: 415177
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 17.722 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:198 Resp: 17154
Ion Ratio Lower Upper
198 100
51 69.5 37.7 77.7
105 56.4 36.3 76.3

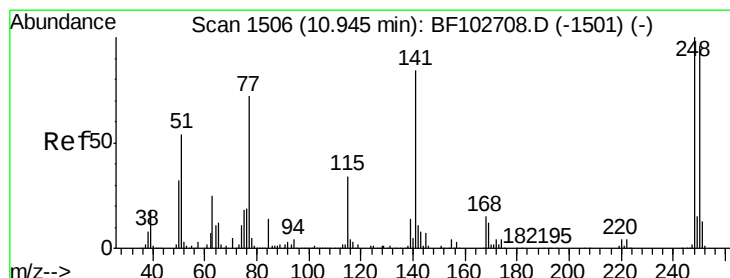
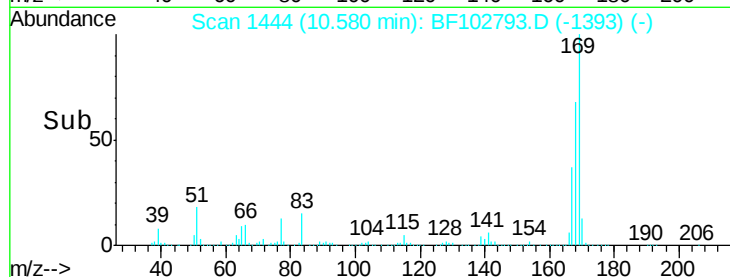
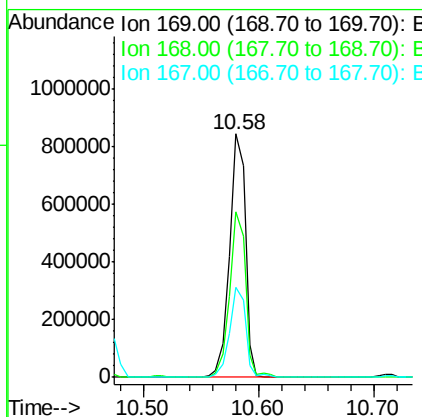
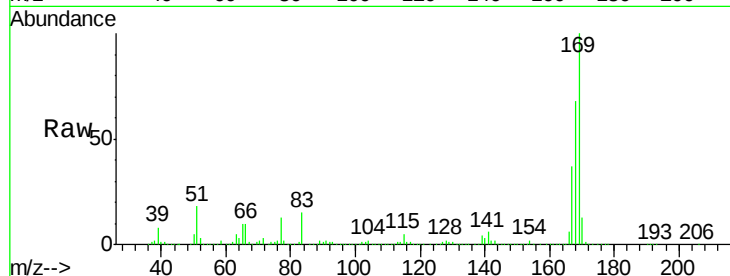




#65
 n-Nitrosodiphenylamine
 Concen: 54.502 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

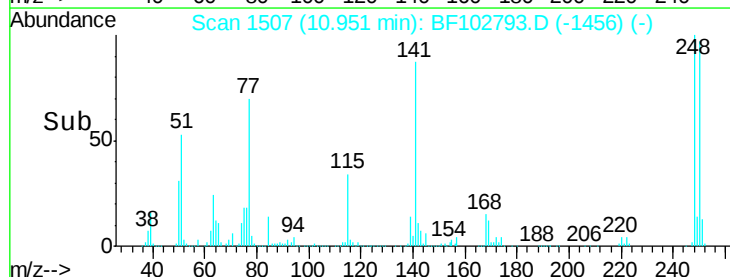
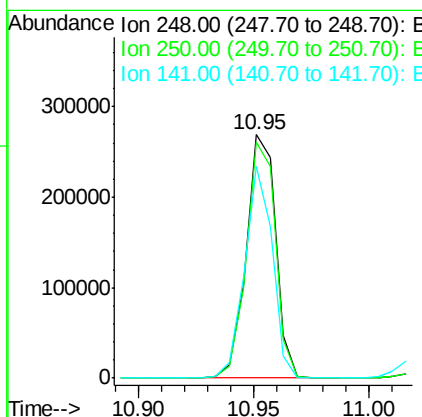
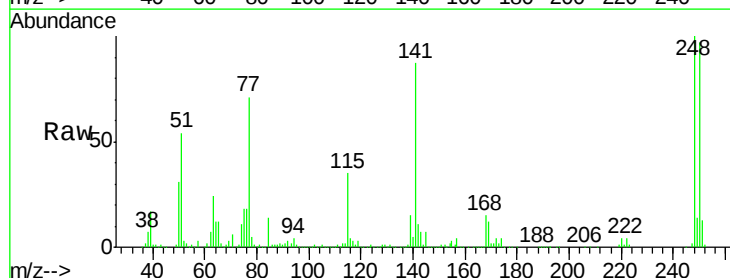
Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMS

Tot Ion:169 Resp: 798158
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 54.752 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Tgt Ion:248 Resp: 240461
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.9 115.3
 141 86.7 74.4 111.6

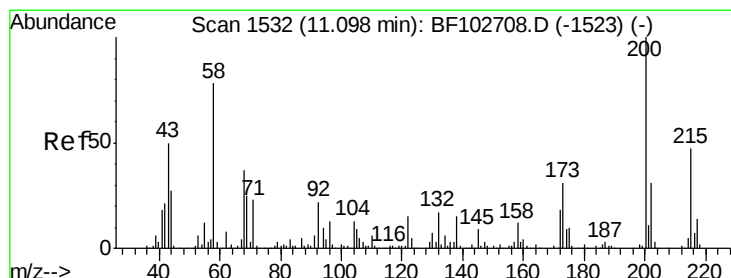
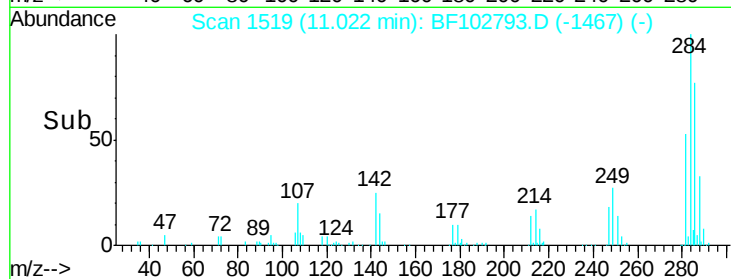
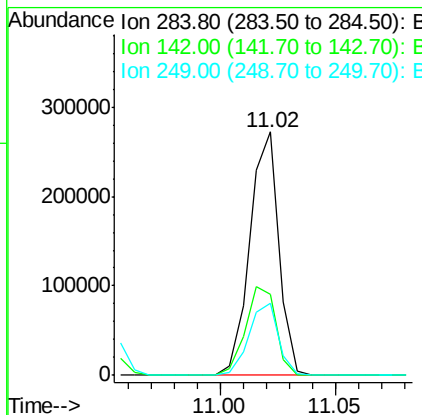
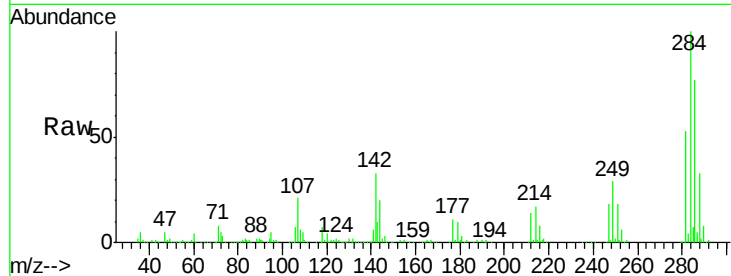




#67
Hexachlorobenzene
Concen: 49.282 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

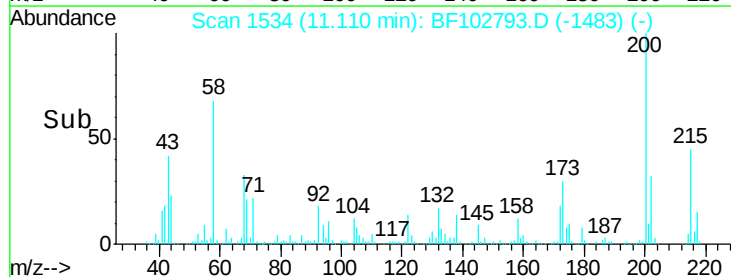
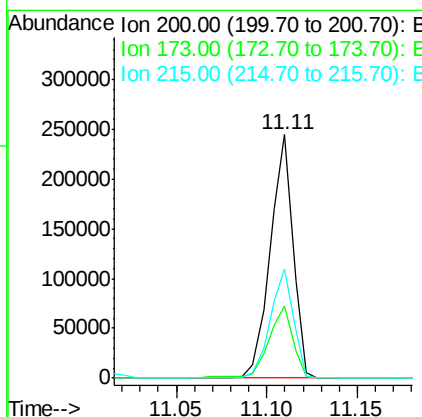
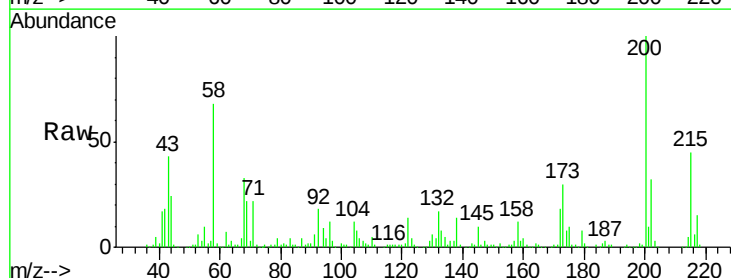
Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

Tot Ion:284 Resp: 238771
Ion Ratio Lower Upper
284 100
142 33.4 34.6 52.0#
249 29.4 24.8 37.2



#68
Atrazine
Concen: 49.248 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:200 Resp: 212765
Ion Ratio Lower Upper
200 100
173 29.7 8.6 48.6
215 44.9 25.1 65.1

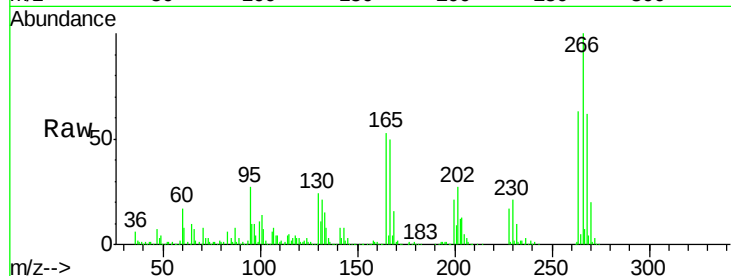




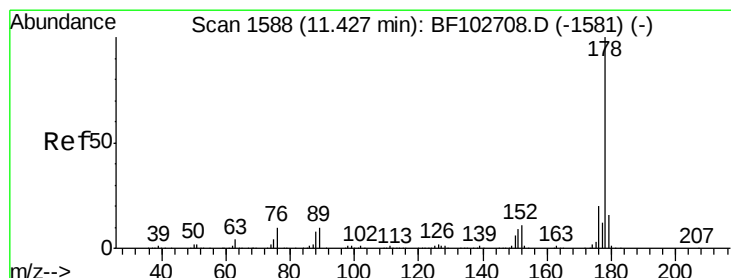
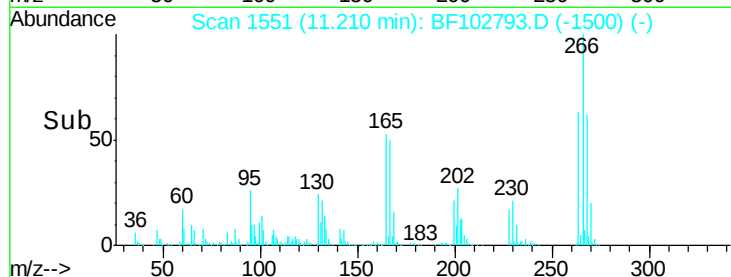
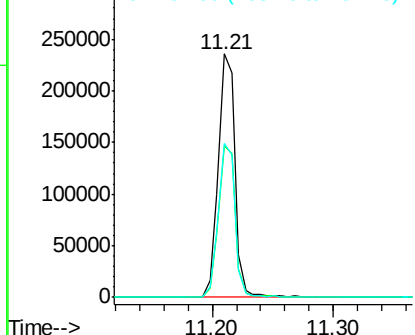
#69
 Pentachlorophenol
 Concen: 78.664 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMS

Tot Ion:266 Resp: 223728
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.1 76.7
 264 63.4 49.5 74.3

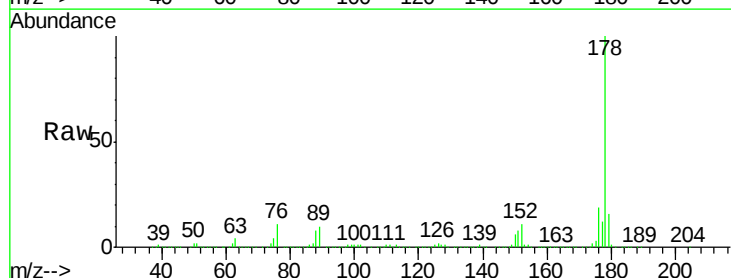


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

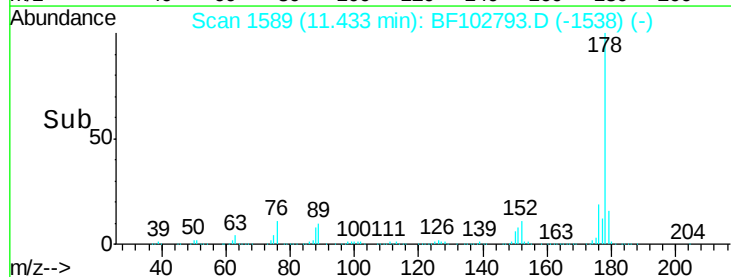
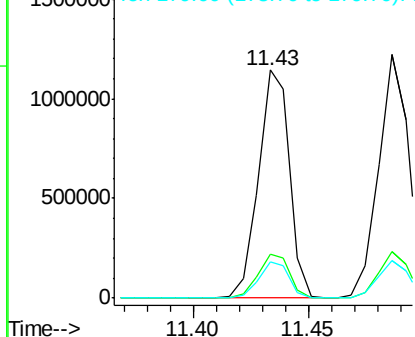


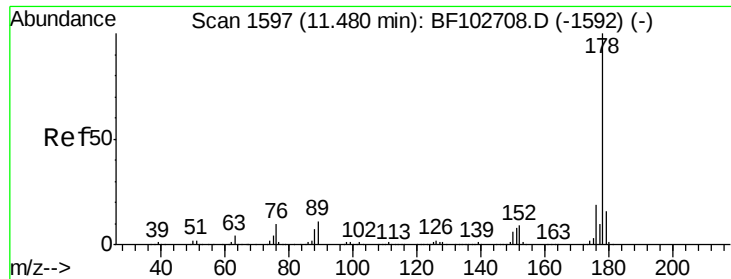
#70
 Phenanthrene
 Concen: 46.230 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Tgt Ion:178 Resp: 1068950
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 16.1 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

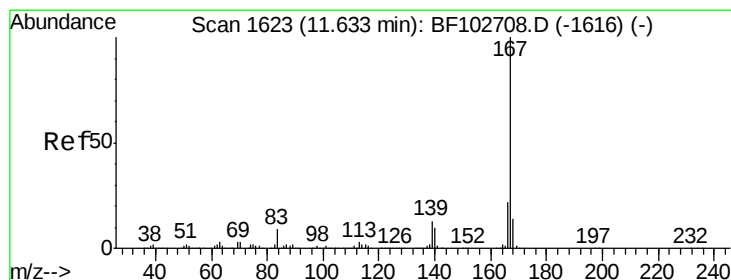
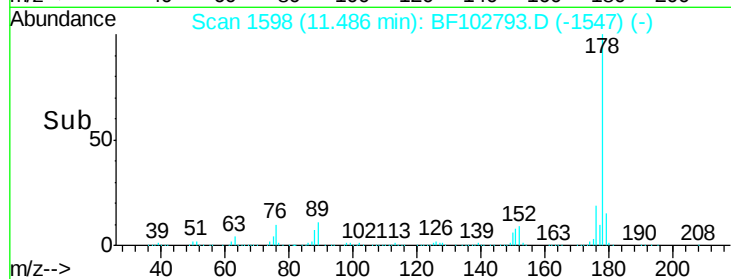
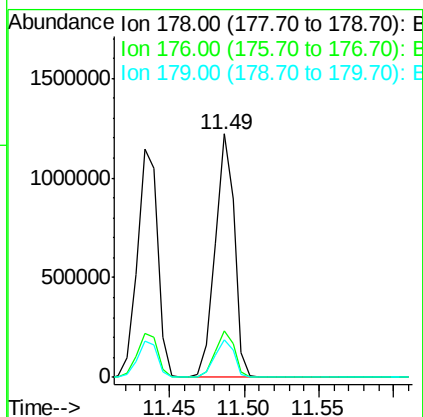
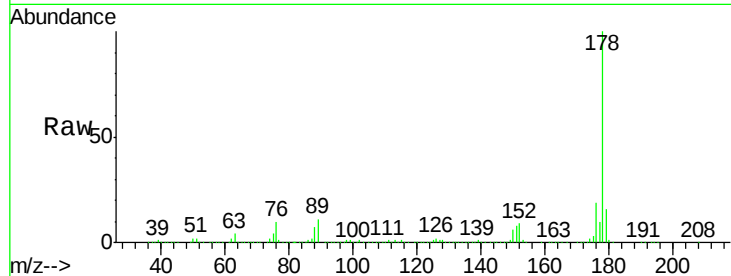




#71
 Anthracene
 Concen: 46.612 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

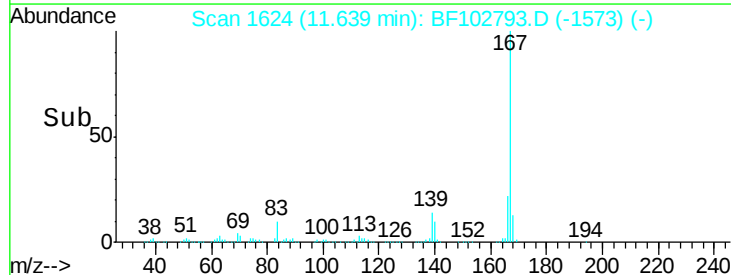
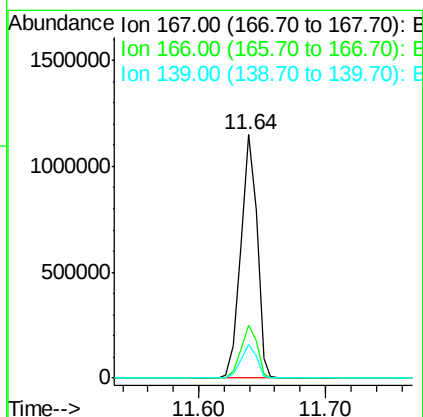
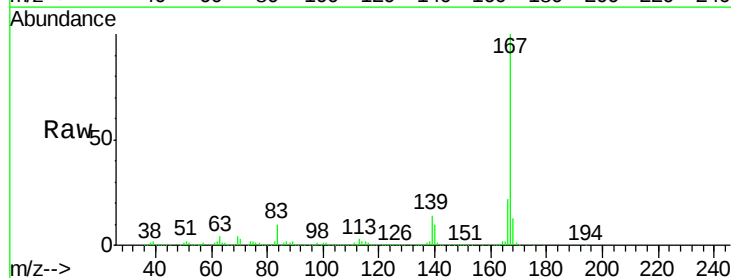
Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMS

Tot Ion:178 Resp: 1096212
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 43.788 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Tgt Ion:167 Resp: 1008880
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 48.807 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

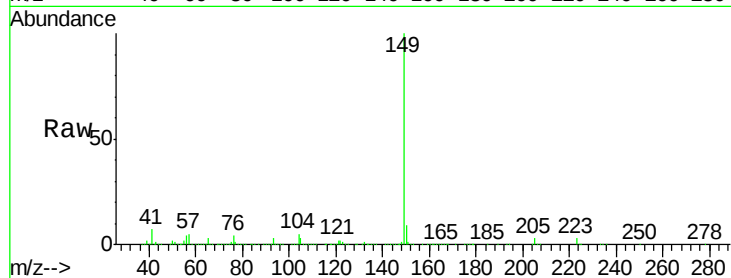
Tot Ion:149 Resp: 1366005

Ion Ratio Lower Upper

149 100

150 9.1 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

11.97

2000000

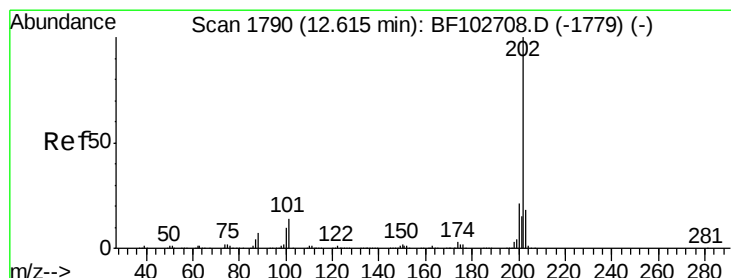
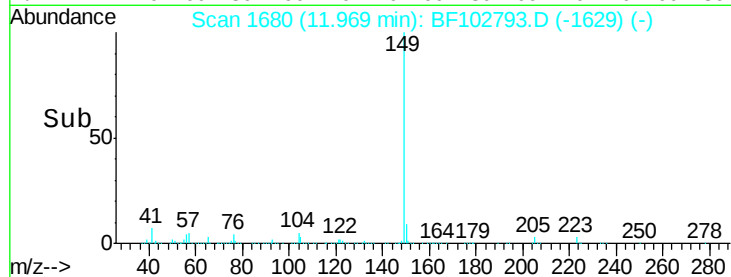
1500000

1000000

500000

0

Time--> 11.90 11.95 12.00



#74

Fluoranthene

Concen: 42.963 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

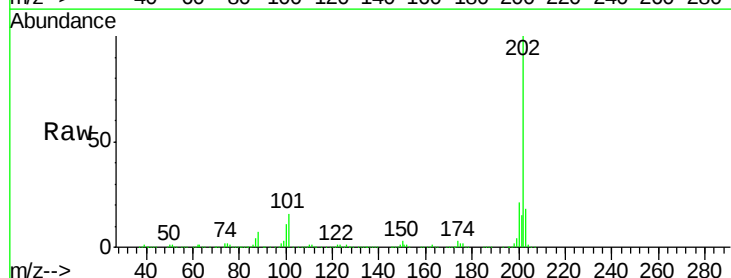
Tgt Ion:202 Resp: 999492

Ion Ratio Lower Upper

202 100

101 15.5 0.0 34.1

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

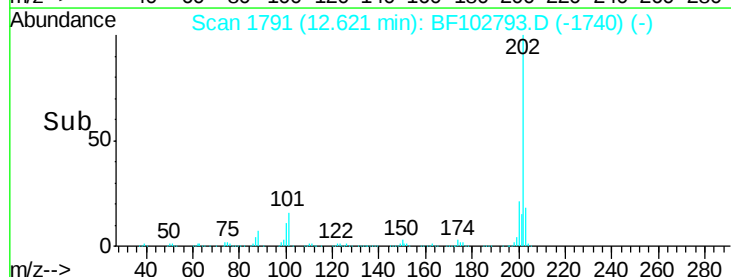
12.62

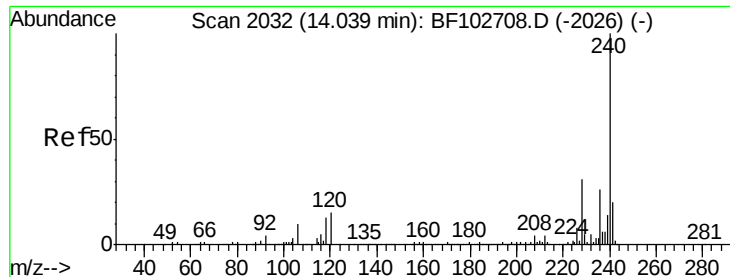
1000000

500000

0

Time--> 12.50 12.60 12.70





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleID :

LW-01-BMS

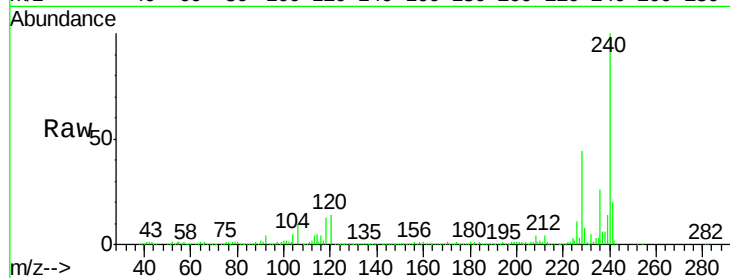
Tot Ion:240 Resp: 316902

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

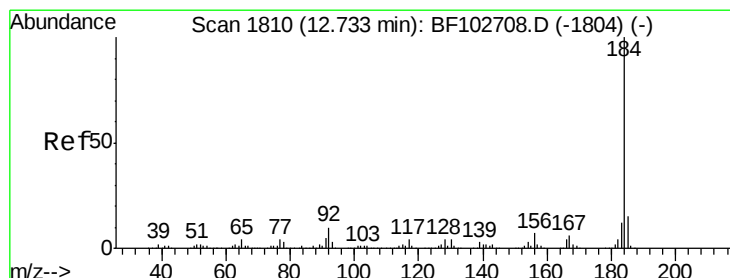
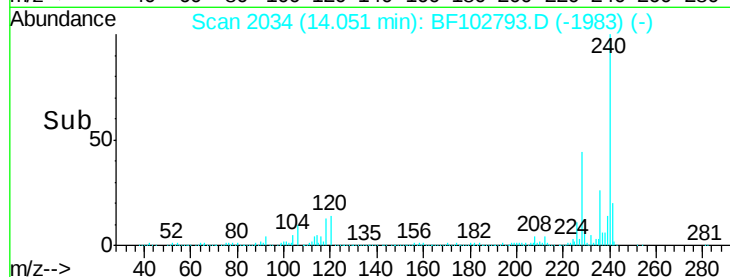
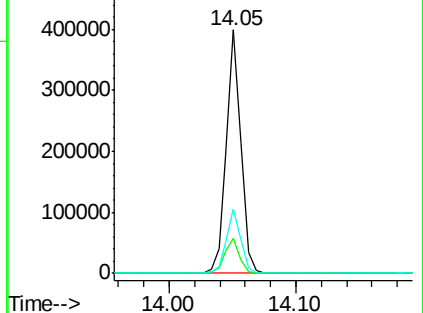
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.531 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

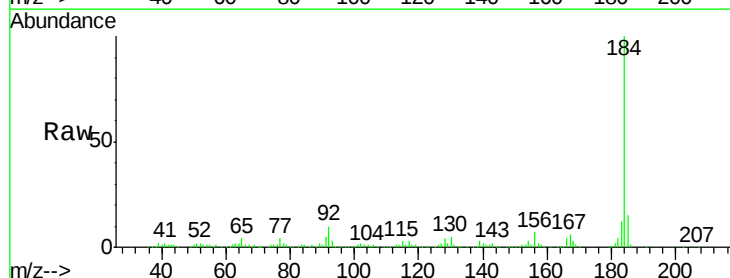
Tgt Ion:184 Resp: 240778

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

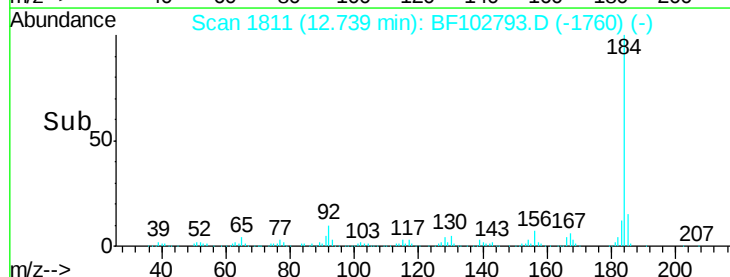
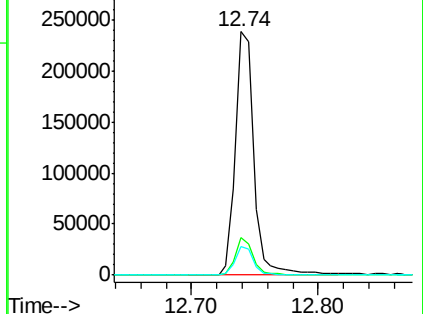
183 11.6 9.3 13.9

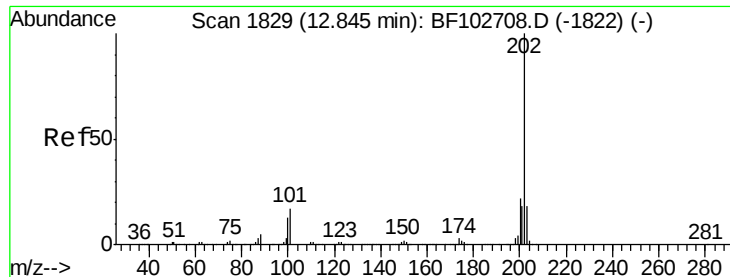


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

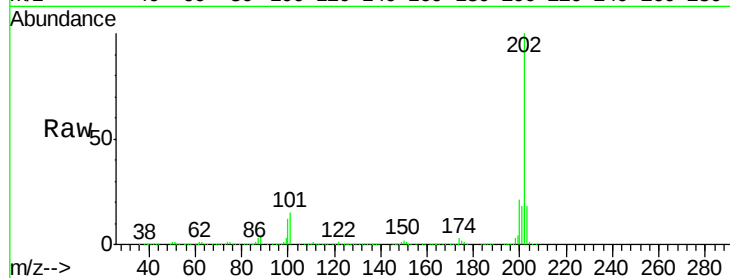




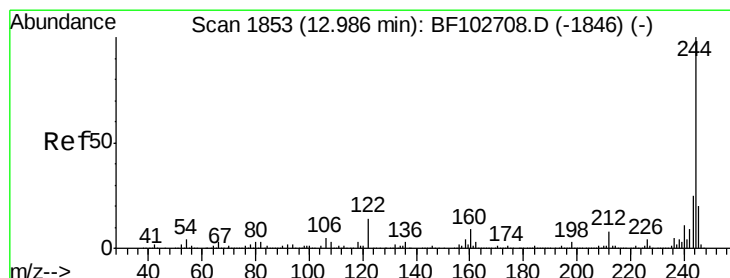
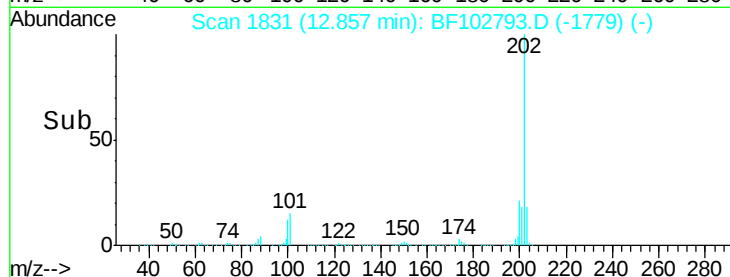
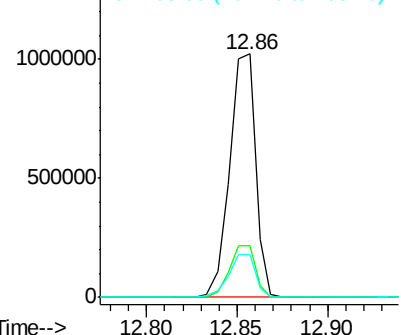
#77
Pvrene
Concen: 41.056 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

Tot Ion:202 Resp: 1020240
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.5 14.3 21.5

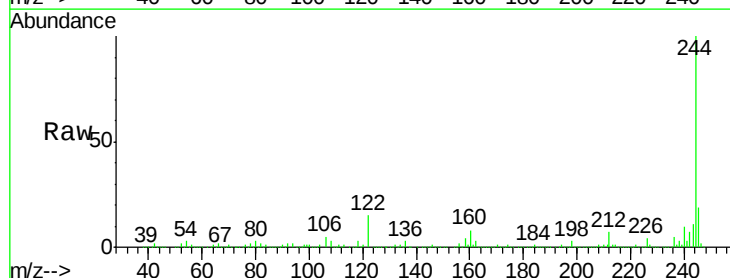


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

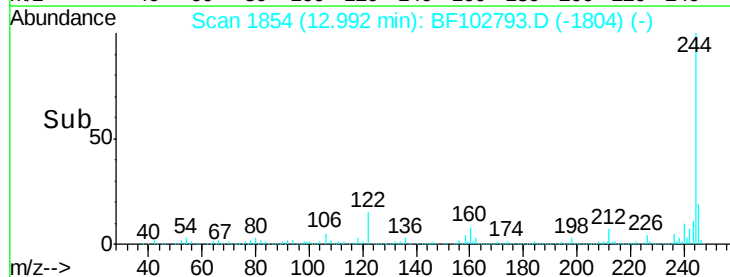
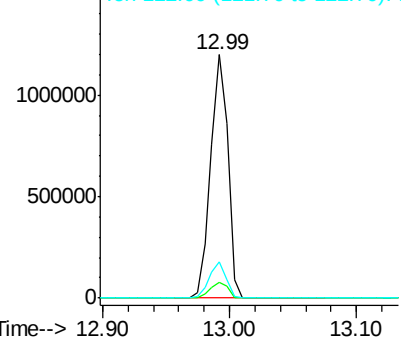


#78
Terphenyl-d14
Concen: 85.005 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:244 Resp: 1137698
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 14.7 11.0 16.4



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

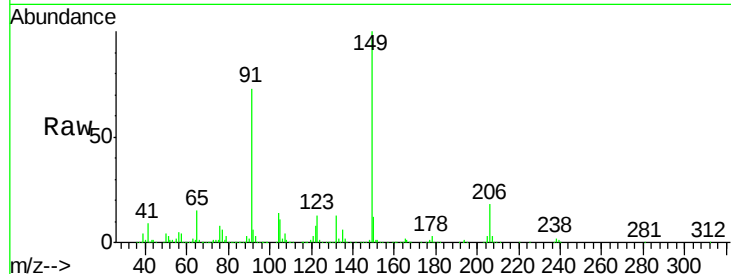




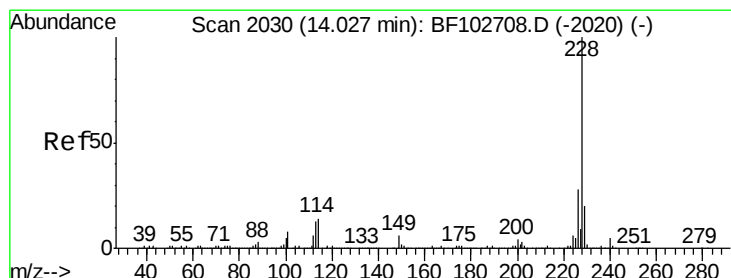
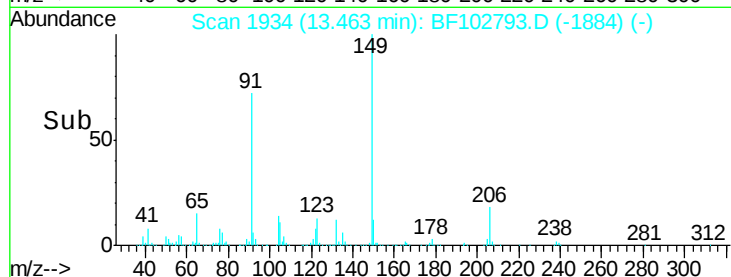
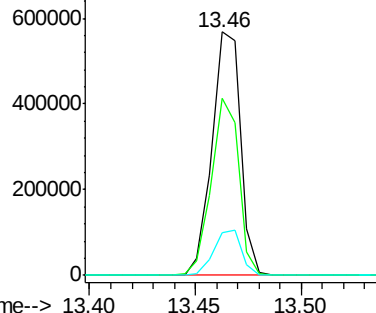
#79
Butylbenzylphthalate
Concen: 44.763 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

Tot Ion:149 Resp: 531239
Ion Ratio Lower Upper
149 100
91 72.6 56.8 85.2
206 17.5 14.1 21.1

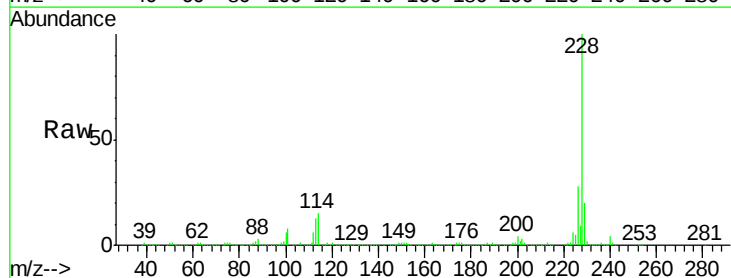


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

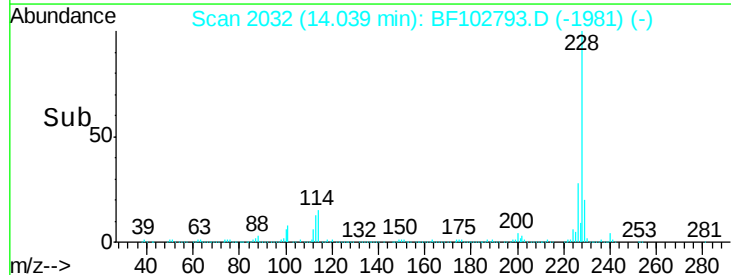
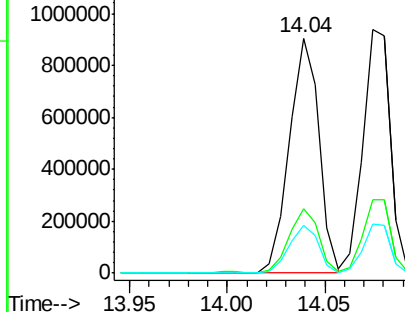


#80
Benzo(a)anthracene
Concen: 47.671 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:228 Resp: 950093
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.4 15.8 23.6



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





#81

3,3'-Dichlorobenzidine

Concen: 41.445 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

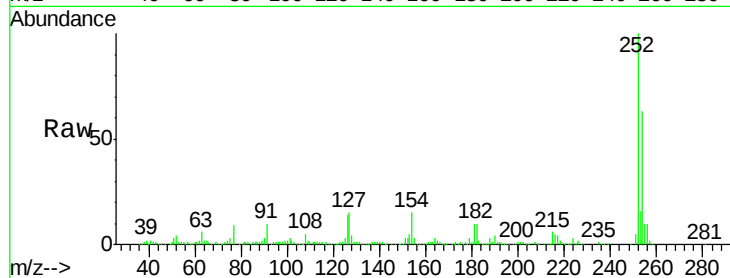
Tot Ion:252 Resp: 306261

Ion Ratio Lower Upper

252 100

254 63.1 50.4 75.6

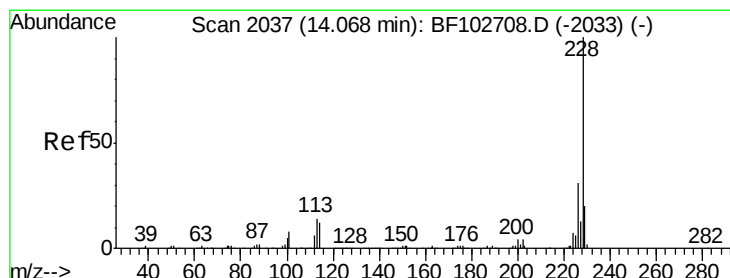
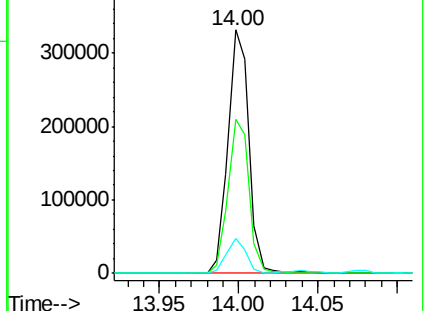
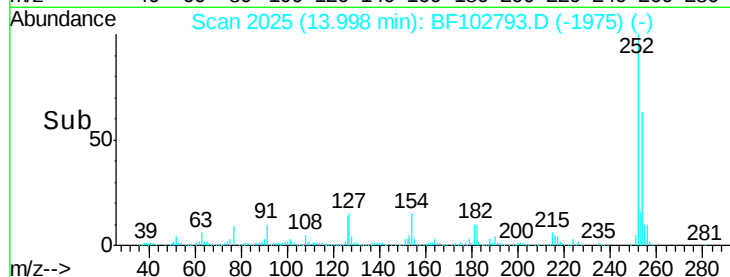
126 14.3 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 45.546 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

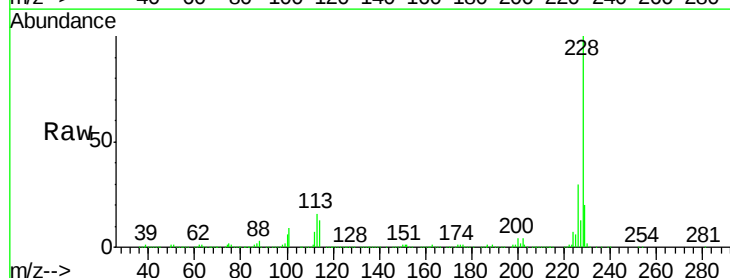
Tgt Ion:228 Resp: 915054

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

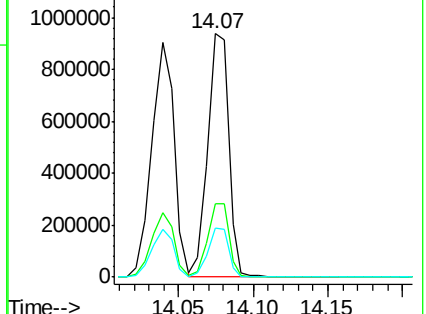
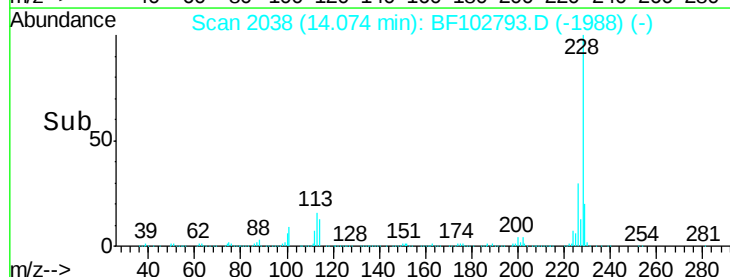
229 20.1 16.2 24.4

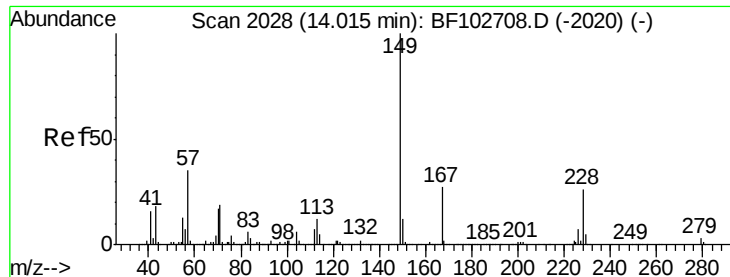


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.605 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

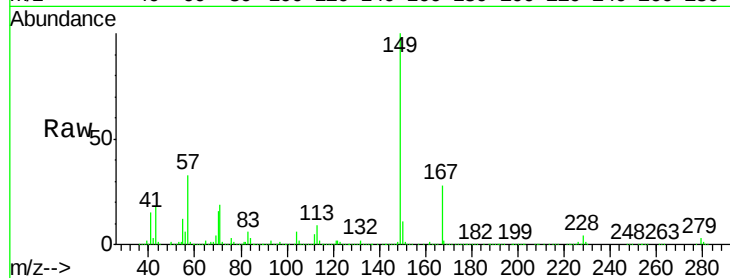
Tot Ion:149 Resp: 739908

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

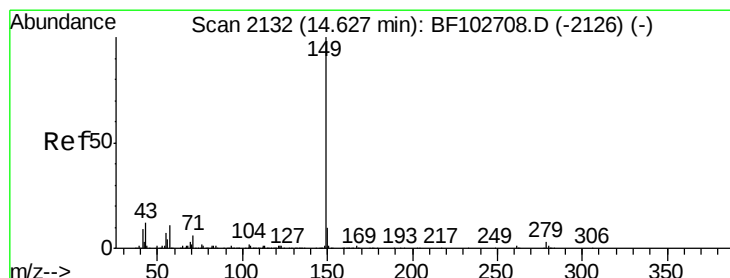
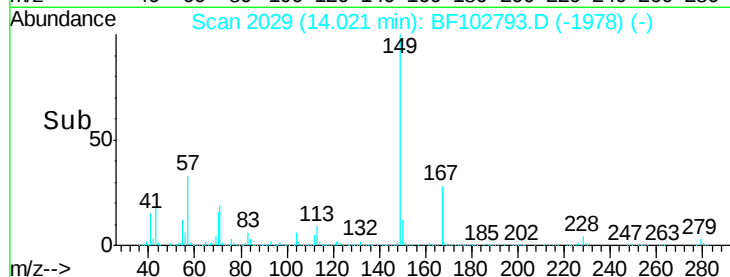
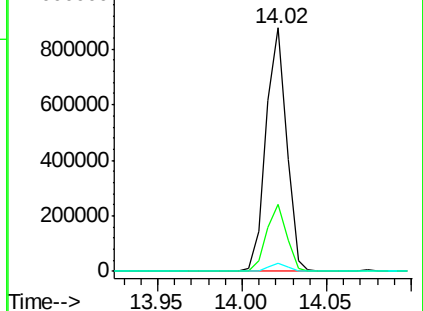
279 3.2 3.0 4.4



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: 59.808 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

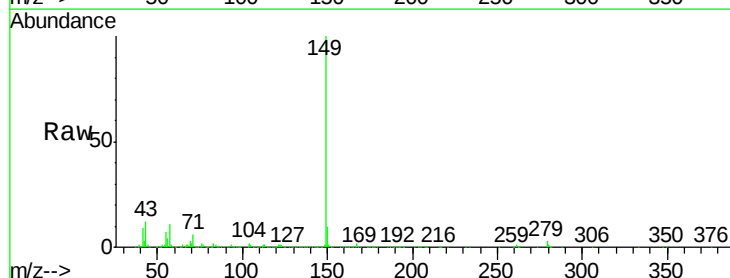
Tgt Ion:149 Resp: 1367067

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

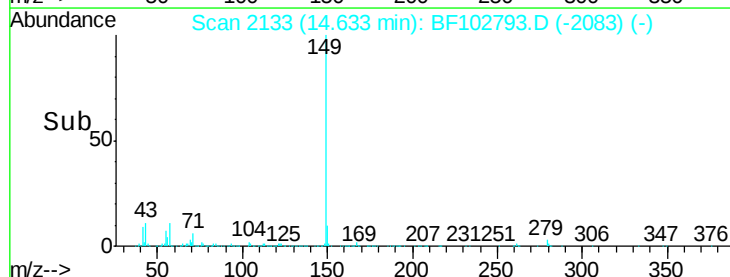
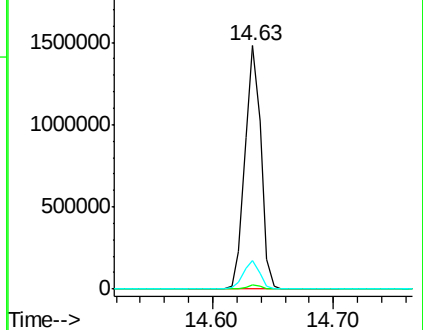
43 11.4 8.4 12.6

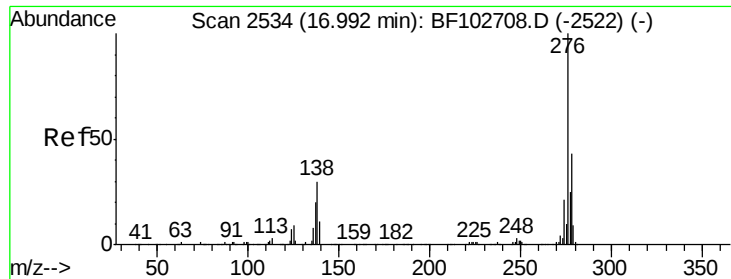


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

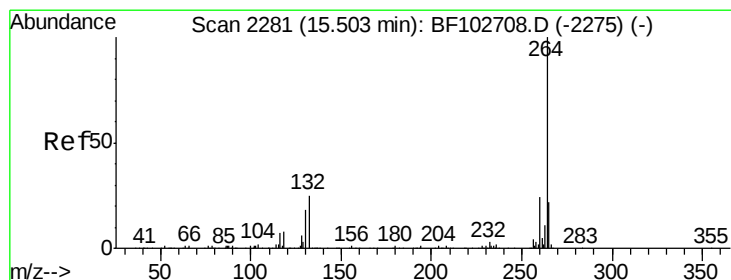
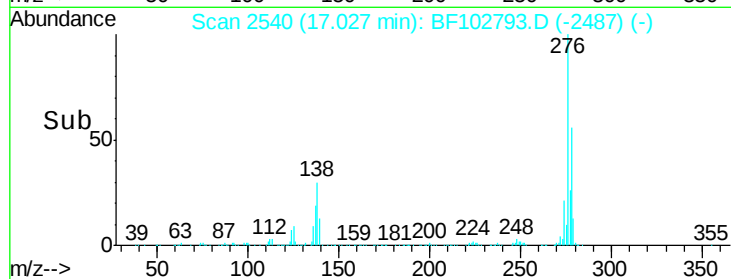
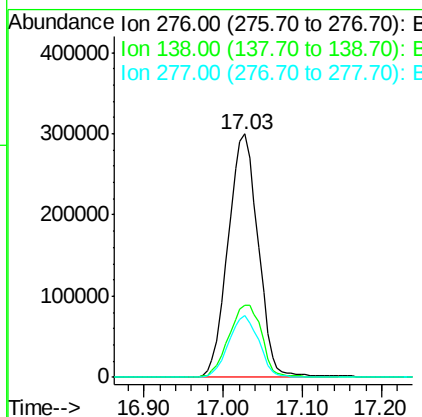
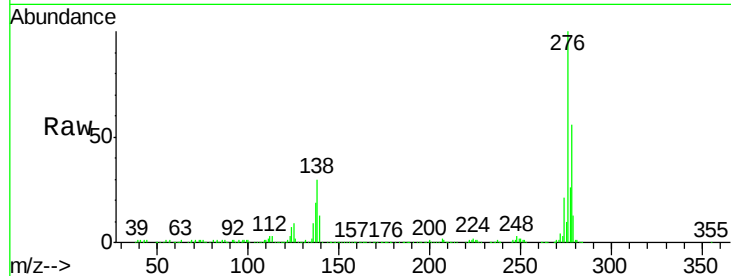




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.386 ng
 RT: 17.03 min Scan# 2540
 Delta R.T. 0.01 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

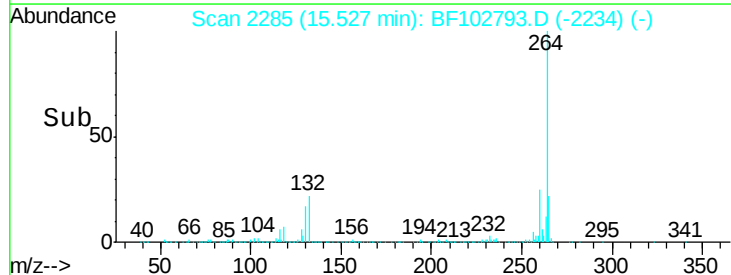
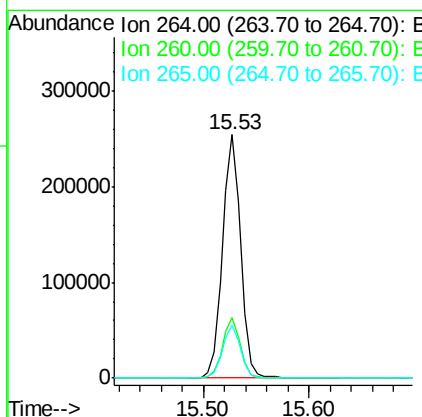
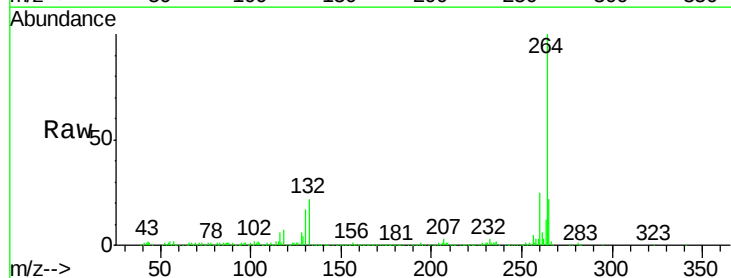
Instrument :
 BNA_F
 ClientSampleId :
 LW-01-BMS

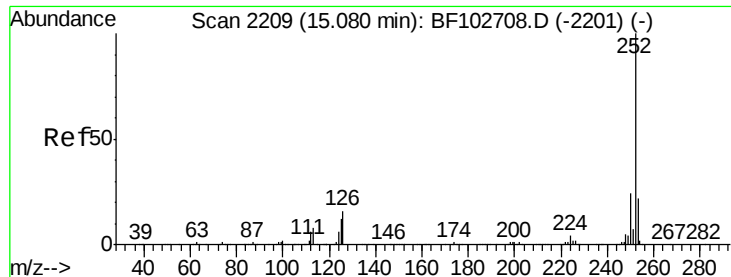
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF102793.D
 Acq: 6 Feb 2018 19:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.5	26.3

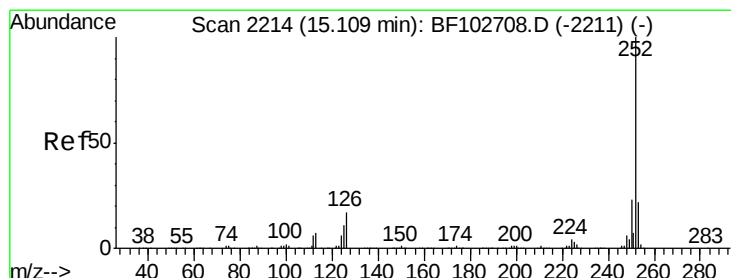
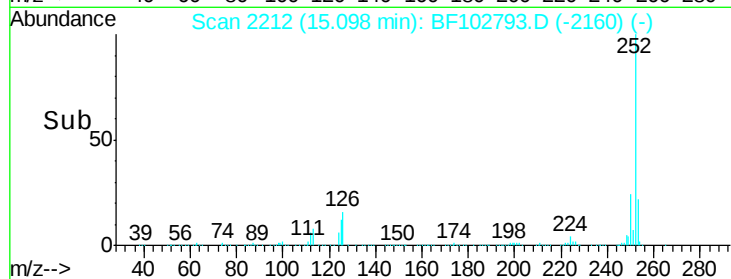
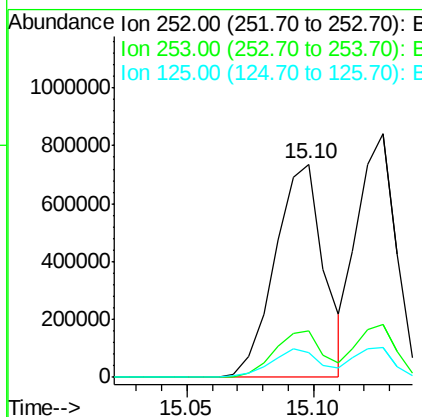
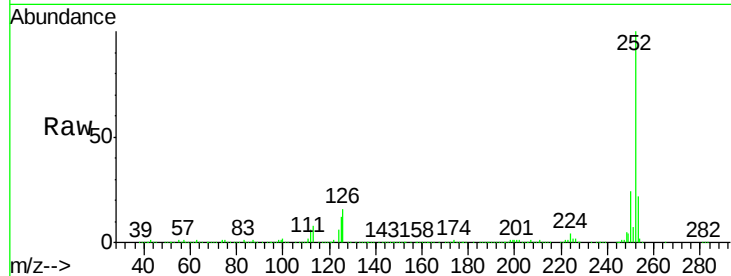




#87
Benzo(b)fluoranthene
Concen: 49.873 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

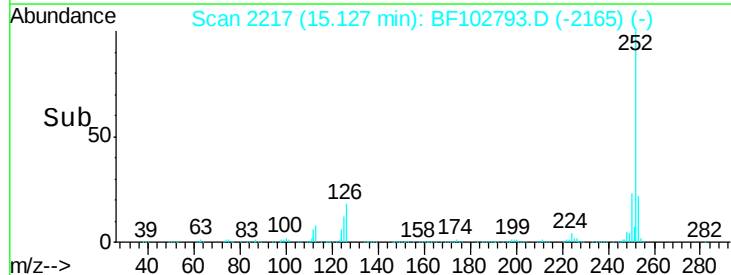
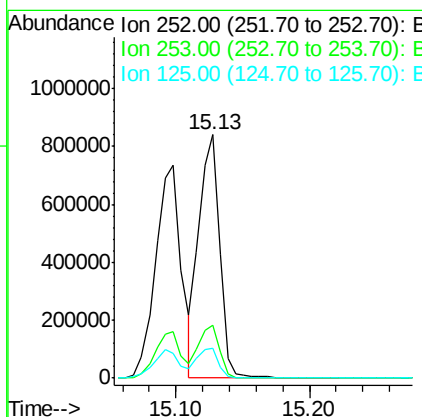
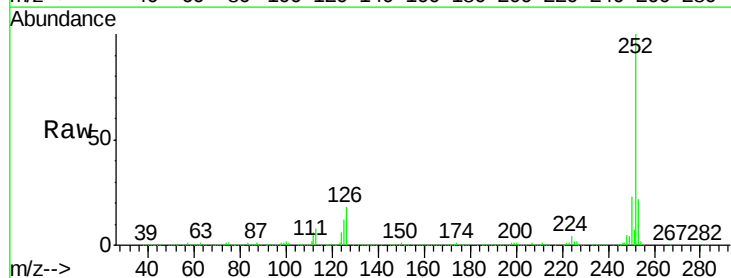
Instrument :
BNA_F
ClientSampleId :
LW-01-BMS

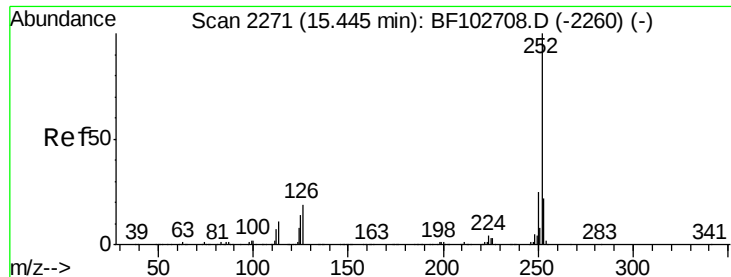
Tot Ion:252 Resp: 986176
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 47.609 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102793.D
Acq: 6 Feb 2018 19:23

Tgt Ion:252 Resp: 899521
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 12.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 49.096 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

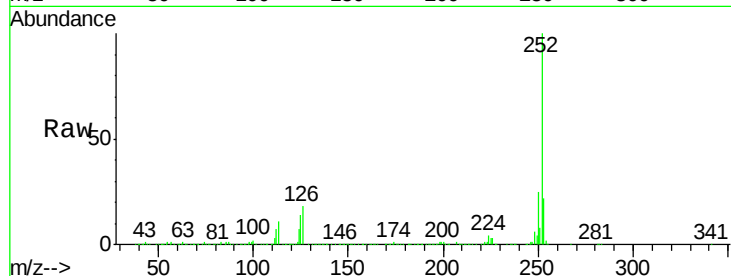
Tot Ion:252 Resp: 873850

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

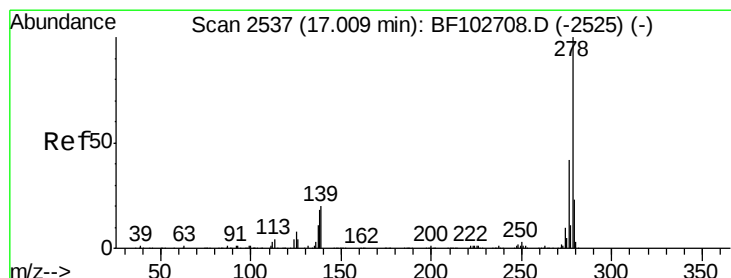
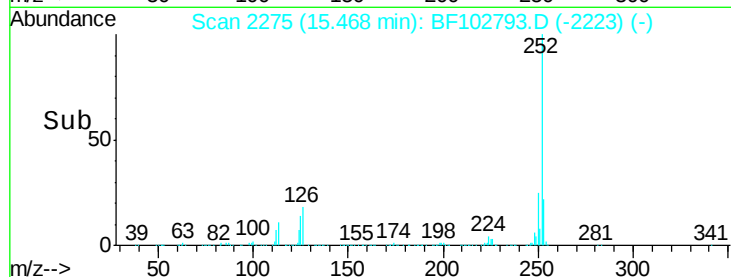
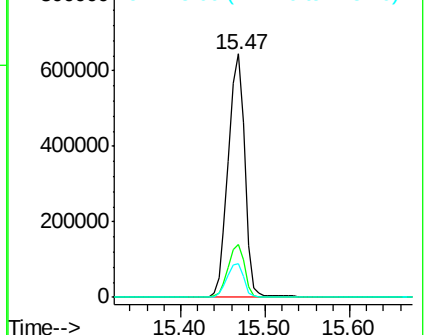
125 13.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.363 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

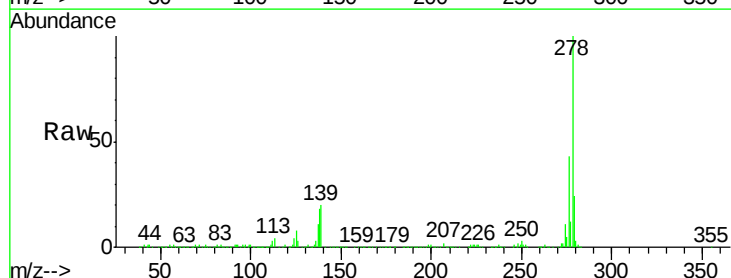
Tgt Ion:278 Resp: 669793

Ion Ratio Lower Upper

278 100

139 19.9 15.9 23.9

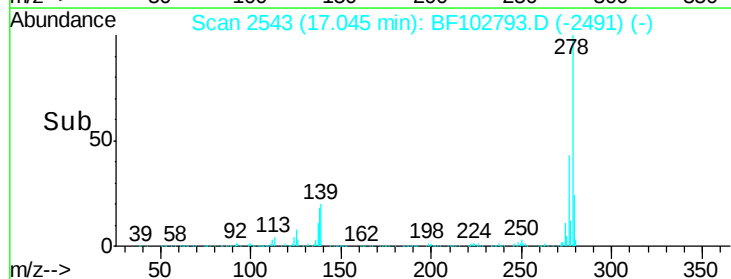
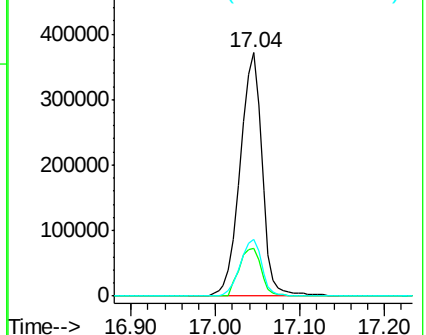
279 23.5 19.0 28.4

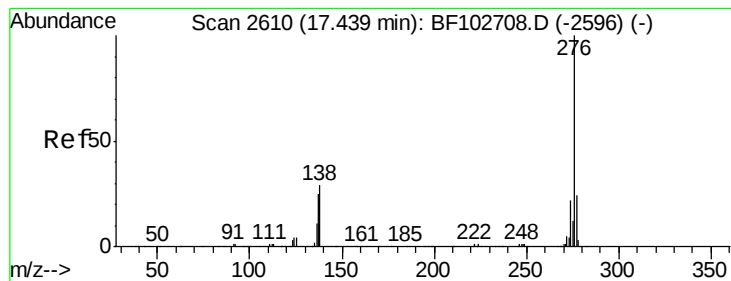


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.191 ng

RT: 17.48 min Scan# 2617

Delta R.T. 0.01 min

Lab File: BF102793.D

Acq: 6 Feb 2018 19:23

Instrument :

BNA_F

ClientSampleId :

LW-01-BMS

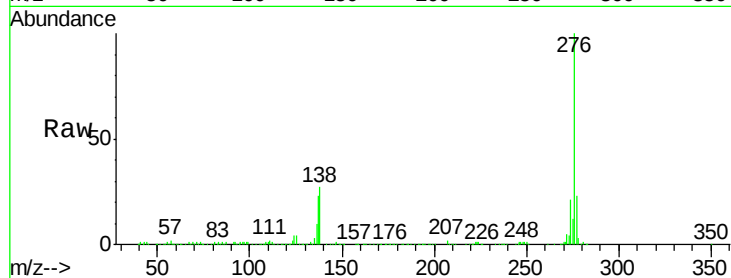
Tot Ion:276 Resp: 639026

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 26.7 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

