

Data File : BF100695.D
Acq On : 18 Nov 2017 1:05
Operator : SJ/JU
Sample : I6419-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Quant Time: Nov 18 02:47:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	102214	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	406277	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	182777	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	305023	20.00	ng	0.00
75) Chrysene-d12	14.04	240	212991	20.00	ng	0.00
86) Perylene-d12	15.52	264	229558	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	645133	101.17	ng	0.02
7) Phenol-d6	6.52	99	796643	101.32	ng	0.00
23) Nitrobenzene-d5	7.45	82	500008	81.37	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	204367	109.73	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	957352	79.76	ng	0.00
78) Terphenyl-d14	12.99	244	646328	69.72	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	89308	28.74	ng	94
3) Pyridine	3.49	79	250486	29.55	ng	97
4) n-Nitrosodimethylamine	3.45	42	126155	30.65	ng	99
6) Aniline	6.55	93	241037	21.70	ng	98
8) 2-Chlorophenol	6.67	128	265905	39.42	ng	99
9) Benzaldehyde	6.43	77	110304	19.64	ng	96
10) Phenol	6.53	94	342028	41.44	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	244781	35.30	ng	98
12) 1,3-Dichlorobenzene	6.83	146	292091	37.56	ng	95
13) 1,4-Dichlorobenzene	6.90	146	295699	37.57	ng	96
14) 1,2-Dichlorobenzene	7.06	146	279305	38.38	ng	96
15) Benzyl Alcohol	7.02	79	229887	37.46	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	432842	39.03	ng	98
17) 2-Methylphenol	7.13	107	224365	38.92	ng	97
18) Hexachloroethane	7.39	117	95657	36.86	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	181860	33.35	ng	97
20) 3+4-Methylphenols	7.29	107	272770	37.39	ng	# 79
22) Acetophenone	7.29	105	350923	35.42	ng	# 96
24) Nitrobenzene	7.47	77	269486	42.61	ng	96
25) Isophorone	7.70	82	493927	38.25	ng	99
26) 2-Nitrophenol	7.78	139	150189	50.35	ng	90
27) 2,4-Dimethylphenol	7.82	122	246441	42.57	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	319232	37.79	ng	98
29) 2,4-Dichlorophenol	8.02	162	234587	42.45	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	242560	40.58	ng	97
31) Naphthalene	8.19	128	765103	39.10	ng	99
32) Benzoic acid	7.82	122	246441	54.11	ng	# 12
33) 4-Chloroaniline	8.23	127	142896	17.54	ng	97
34) Hexachlorobutadiene	8.30	225	137300	38.63	ng	98
35) Caprolactam	8.60	113	49938	26.33	ng	91
36) 4-Chloro-3-methylphenol	8.72	107	235638	39.70	ng	96
37) 2-Methylnaphthalene	8.88	142	517655	39.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	241219	39.79	ng	# 97
40) Hexachlorocyclopentadiene	9.03	237	132090	46.30	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	168403	43.83	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	177694	44.64	ng	94
45) 1,1'-Biphenyl	9.34	154	620054	39.22	ng	98
46) 2-Chloronaphthalene	9.37	162	481688	42.00	ng	95
47) 2-Nitroaniline	9.46	65	142721	42.46	ng	96
48) Acenaphthylene	9.79	152	734545	38.65	ng	99
49) Dimethylphthalate	9.64	163	737115	52.82	ng	100
50) 2,6-Dinitrotoluene	9.70	165	125645	45.48	ng	91
51) Acenaphthene	9.96	154	437549	37.85	ng	99
52) 3-Nitroaniline	9.87	138	98209	30.11	ng	90
53) 2,4-Dinitrophenol	9.97	184	23625	31.00	ng	# 16
54) Dibenzofuran	10.13	168	631950	39.01	ng	98
55) 4-Nitrophenol	10.03	139	180481	68.14	ng	83
56) 2,4-Dinitrotoluene	10.11	165	159786	45.85	ng	# 82
57) Fluorene	10.47	166	480227	40.46	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	133488	40.92	ng	# 85
59) Diethylphthalate	10.34	149	536630	38.43	ng	97
60) 4-Chlorophenyl-phenylether	10.46	204	234969	40.36	ng	92
61) 4-Nitroaniline	10.49	138	114079	36.88	ng	87
62) Azobenzene	10.62	77	460472	35.01	ng	92
64) 4,6-Dinitro-2-methylphenol	10.52	198	46657	33.46	ng	# 70
65) n-Nitrosodiphenylamine	10.58	169	454663	42.87	ng	96
66) 4-Bromophenyl-phenylether	10.95	248	149540	45.73	ng	# 83
67) Hexachlorobenzene	11.02	284	146008	42.69	ng	# 89
68) Atrazine	11.10	200	135983	42.36	ng	94
69) Pentachlorophenol	11.21	266	145103	59.17	ng	98
70) Phenanthrene	11.43	178	739938	46.07	ng	99
71) Anthracene	11.49	178	664177	40.76	ng	98
72) Carbazole	11.63	167	555943	36.98	ng	99
73) Di-n-butylphthalate	11.96	149	721832	41.03	ng	98
74) Fluoranthene	12.62	202	665421	39.10	ng	97
76) Benzidine	12.73	184	212497	24.91	ng	97
77) Pyrene	12.85	202	684095	45.06	ng	99
79) Butylbenzylphthalate	13.46	149	241633	39.02	ng	94
80) Benzo(a)anthracene	14.03	228	573272	44.70	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	158163	34.42	ng	99
82) Chrysene	14.07	228	536001	43.15	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	374475	45.98	ng	99
84) Di-n-octyl phthalate	14.63	149	591688	42.29	ng	98
85) Indeno(1,2,3-cd)pyrene	17.01	276	472873	47.07	ng	94
87) Benzo(b)fluoranthene	15.09	252	589155	43.32	ng	98
88) Benzo(k)fluoranthene	15.09	252	589155	45.85	ng	98
89) Benzo(a)pyrene	15.46	252	523761	43.44	ng	99
90) Dibenzo(a,h)anthracene	17.02	278	385499	39.10	ng	# 95
91) Benzo(g,h,i)perylene	17.46	276	377514	39.11	ng	94

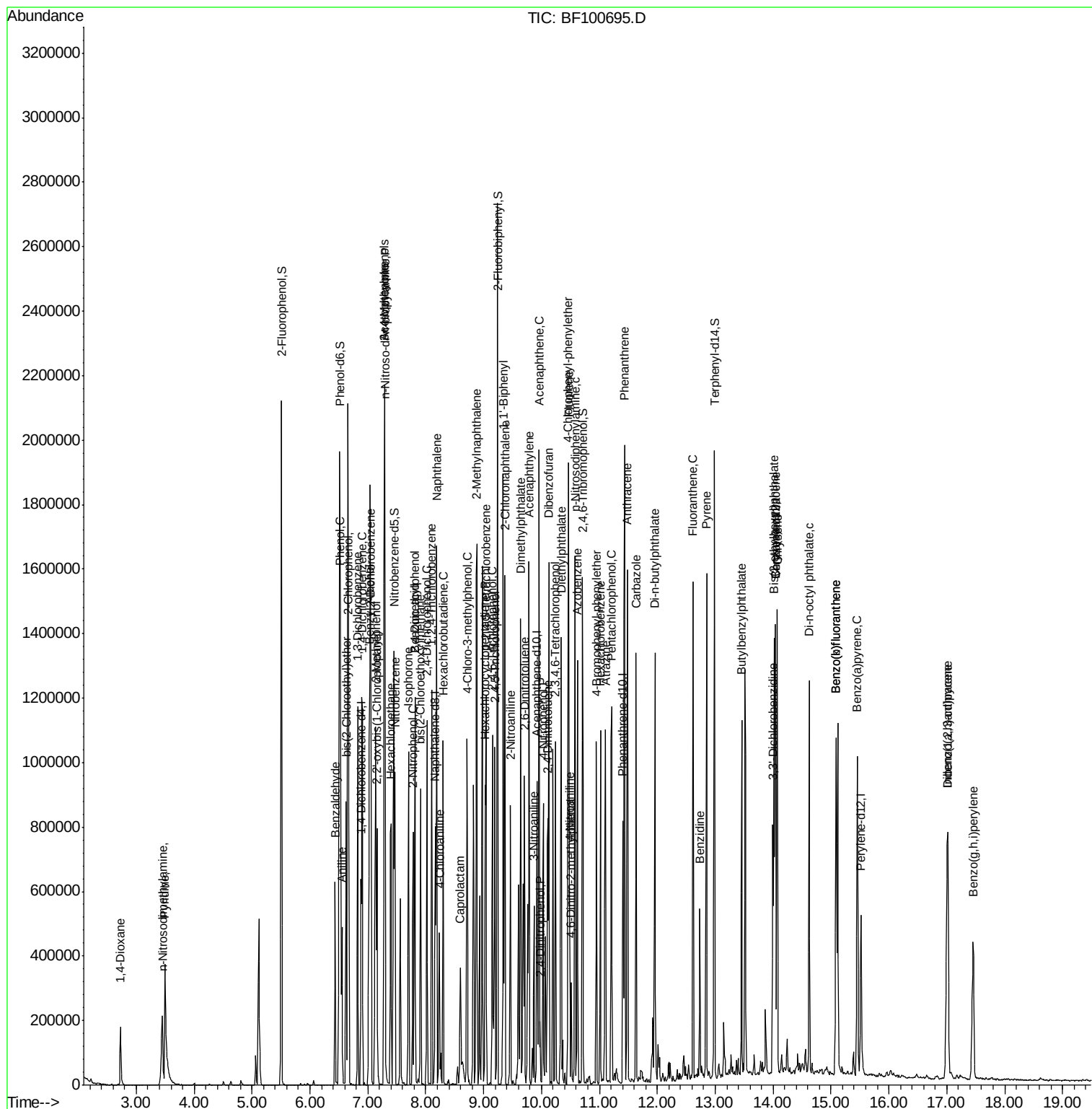
(#) = qualifier out of range (m) = manual integration (+) = signals summed

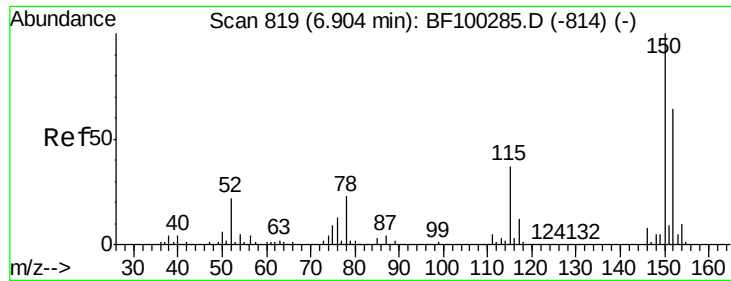
ALS Vial : 17 Sample Multiplier: 1

BNA F

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LEW-1-E(7-8)MSD

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

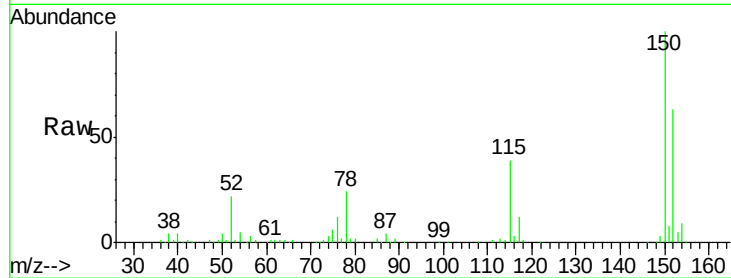
Tgt Ion: 152 Resp: 102214

Ion Ratio Lower Upper

152 100

150 159.2 124.6 186.8

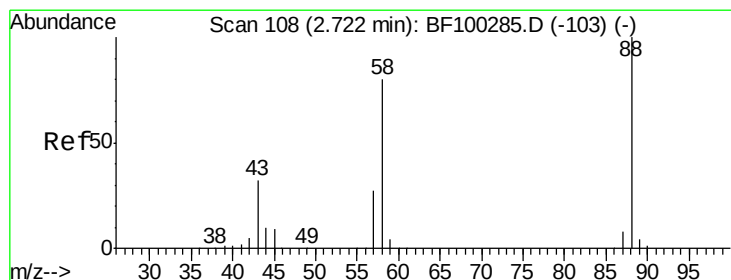
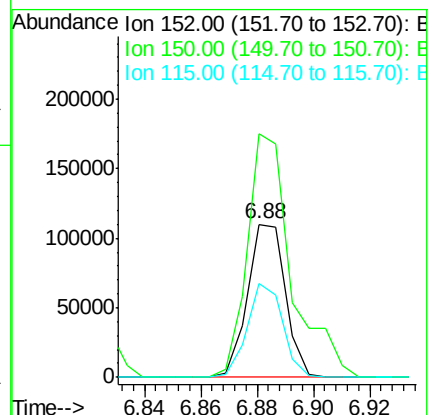
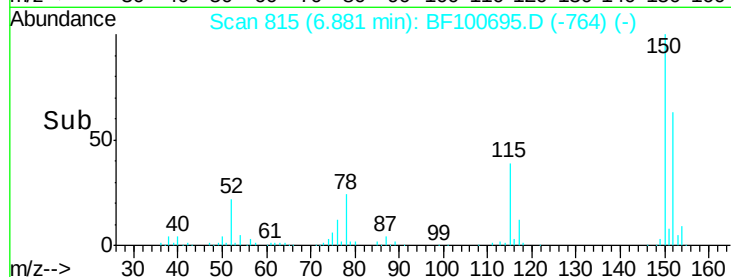
115 61.8 50.1 75.1



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: 28.74 ng

RT: 2.73 min Scan# 109

Delta R.T. 0.05 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

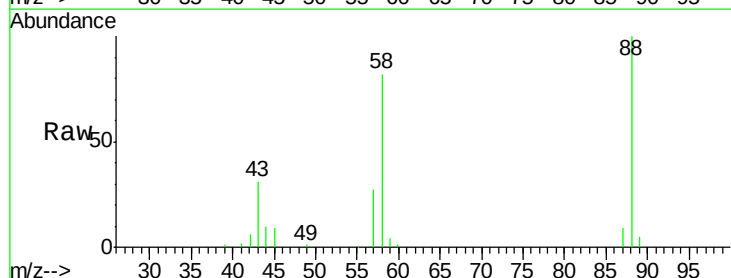
Tgt Ion: 88 Resp: 89308

Ion Ratio Lower Upper

88 100

58 83.7 62.6 93.8

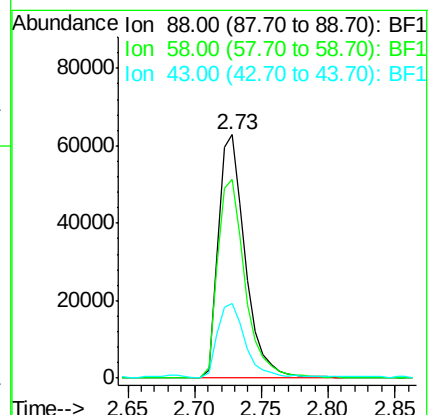
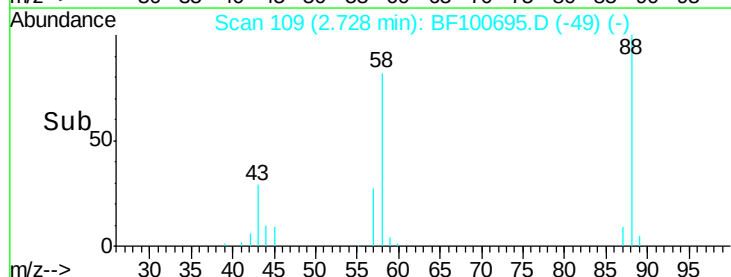
43 32.8 24.6 37.0

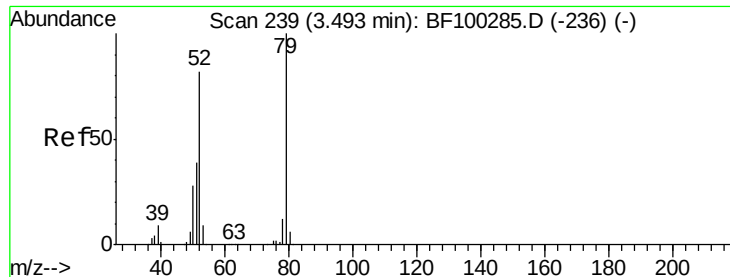


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

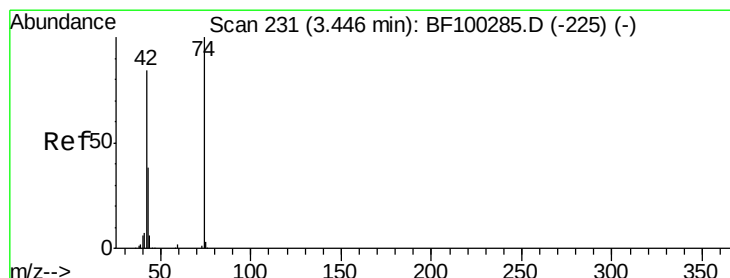
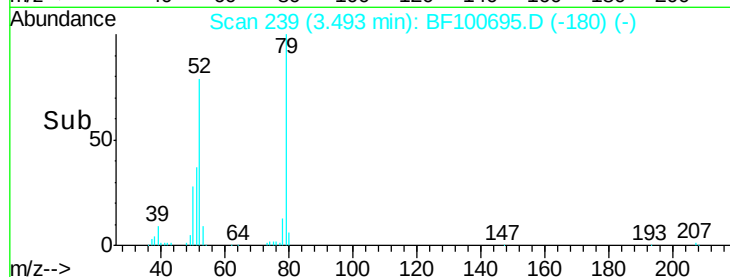
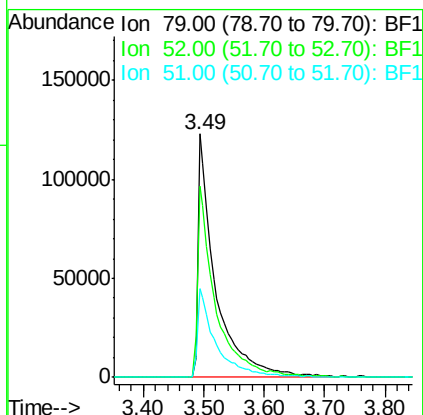
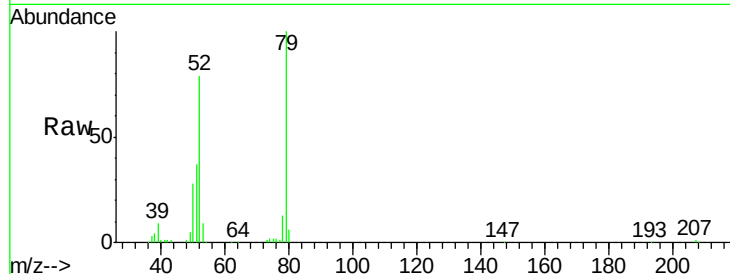




#3
 Pyridine
 Concen: 29.55 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.05 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

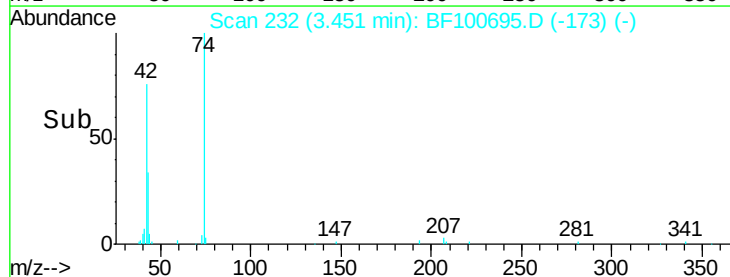
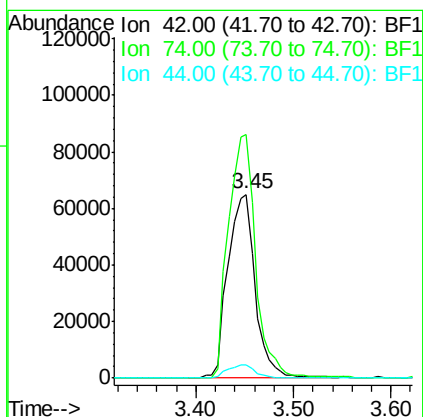
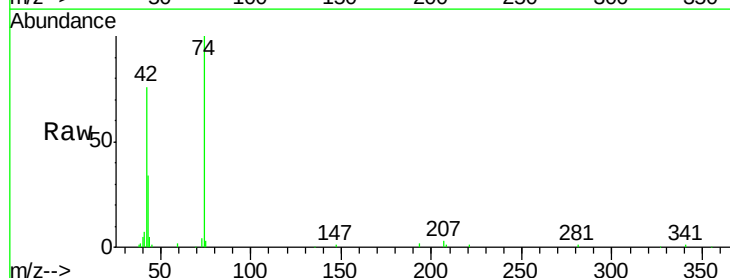
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

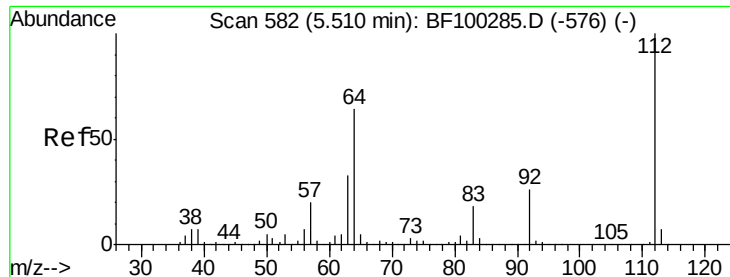
Tgt Ion: 79 Resp: 250486
 Ion Ratio Lower Upper
 79 100
 52 78.7 59.8 89.6
 51 36.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 30.65 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.05 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion: 42 Resp: 126155
 Ion Ratio Lower Upper
 42 100
 74 132.4 104.9 157.3
 44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 101.17 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

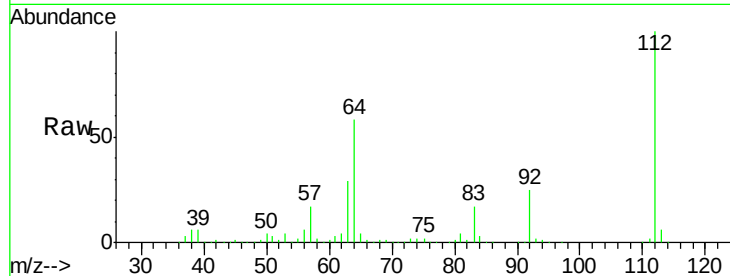
Instrument :

BNA_F

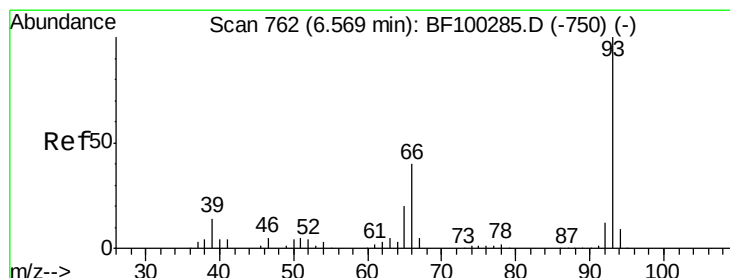
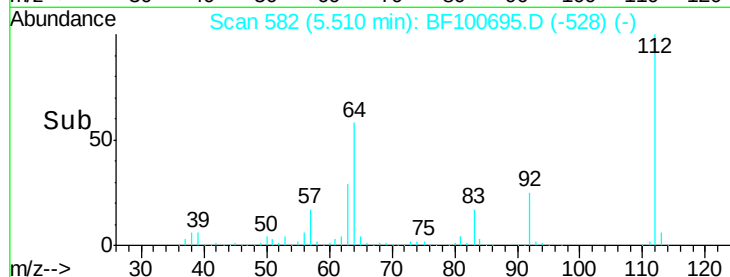
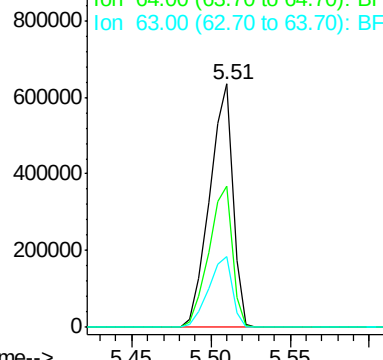
ClientSampleId :

LEW-1-E(7-8)MSD

Tgt Ion:	112	Resp:	645133
Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	29.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 21.70 ng

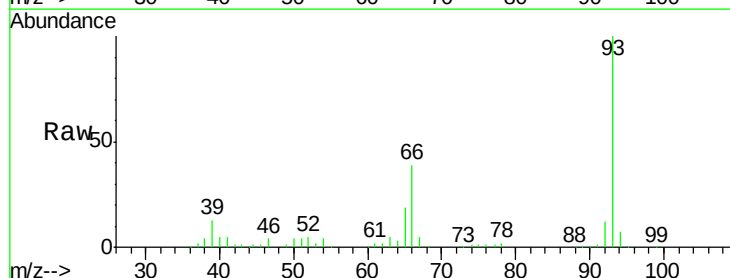
RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

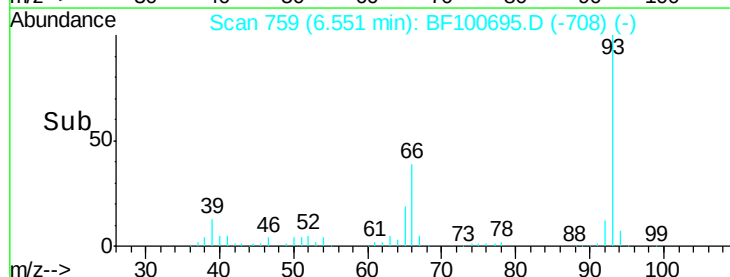
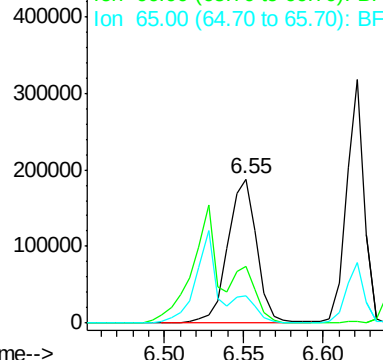
Lab File: BF100695.D

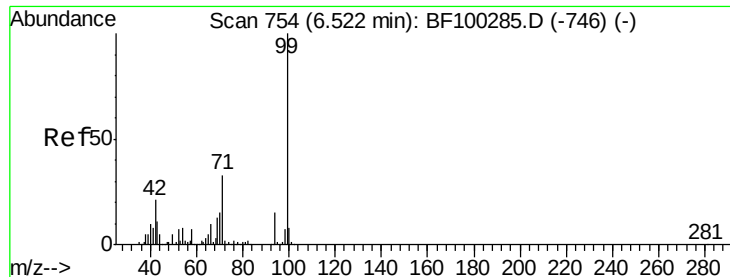
Acq: 18 Nov 2017 1:05

Tgt Ion:	93	Resp:	241037
Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.2	48.2
65	19.3	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 101.32 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

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LEW-1-E(7-8)MSD

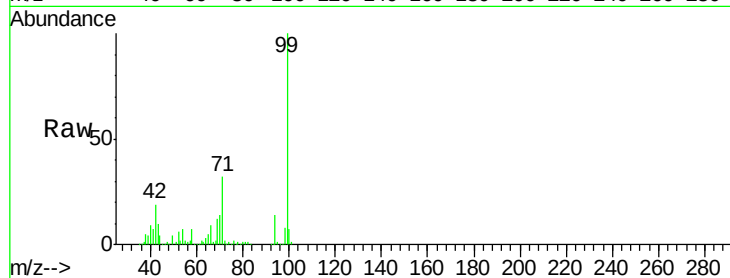
Tgt Ion: 99 Resp: 796643

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

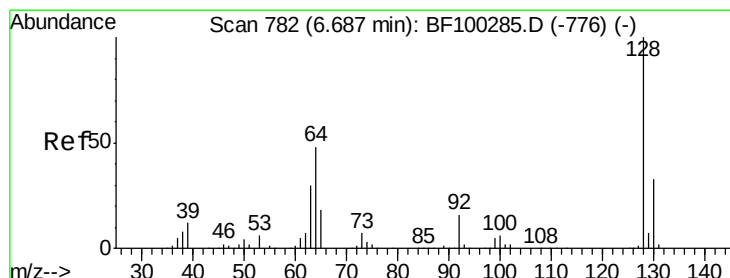
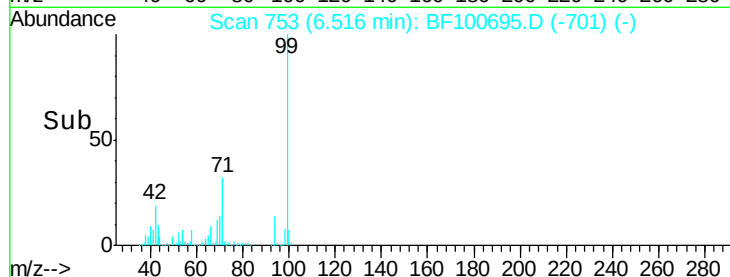
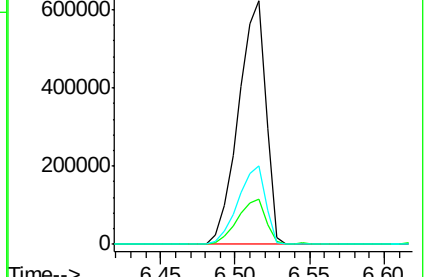
71 32.2 25.4 38.0



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: 39.42 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

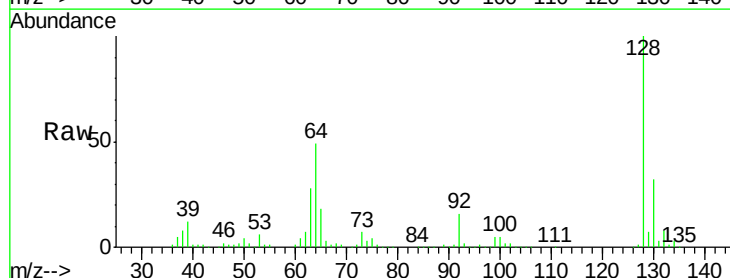
Tgt Ion: 128 Resp: 265905

Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

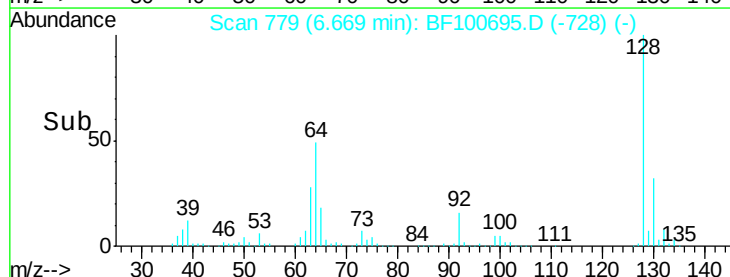
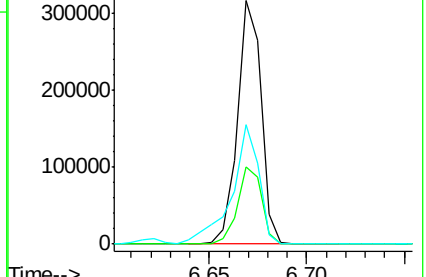
64 48.9 29.4 69.4

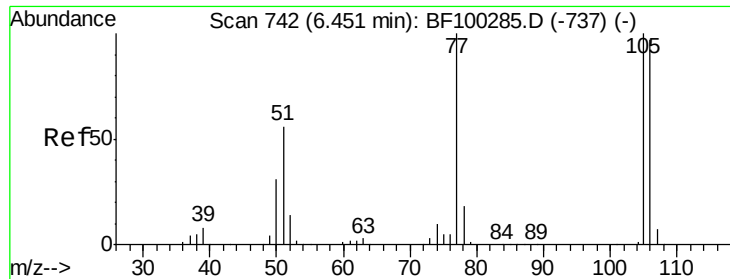


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.64 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100695.D

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LEW-1-E(7-8)MSD

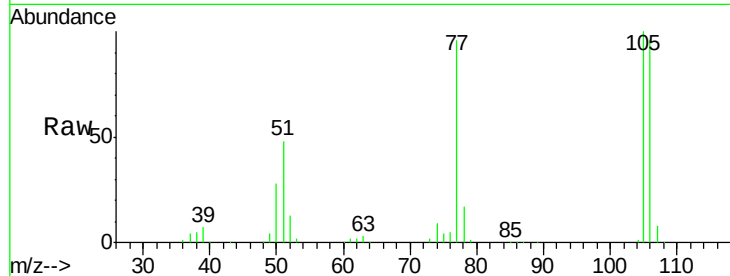
Tgt Ion: 77 Resp: 110304

Ion Ratio Lower Upper

77 100

105 104.2 81.1 121.1

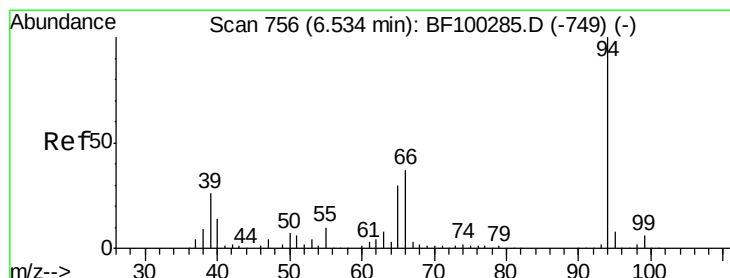
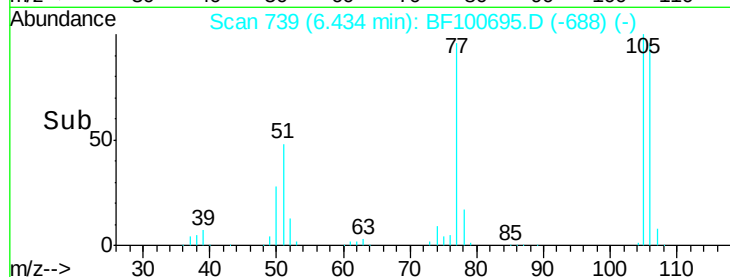
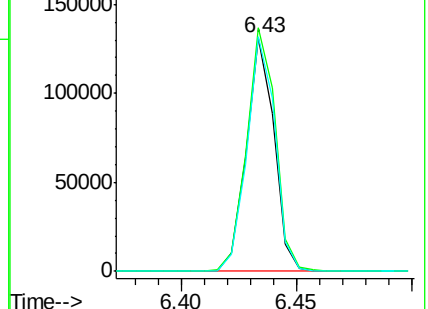
106 100.3 74.5 114.5



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: 41.44 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

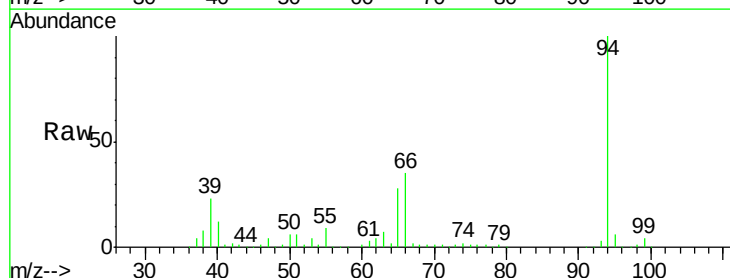
Tgt Ion: 94 Resp: 342028

Ion Ratio Lower Upper

94 100

65 28.0 7.9 47.9

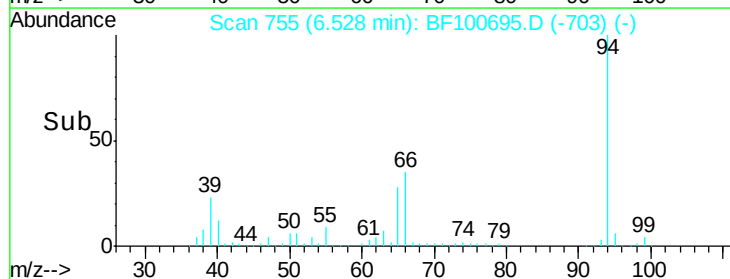
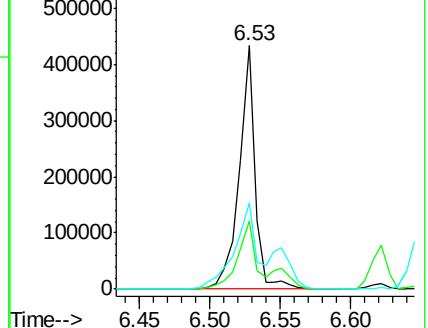
66 35.4 16.2 56.2

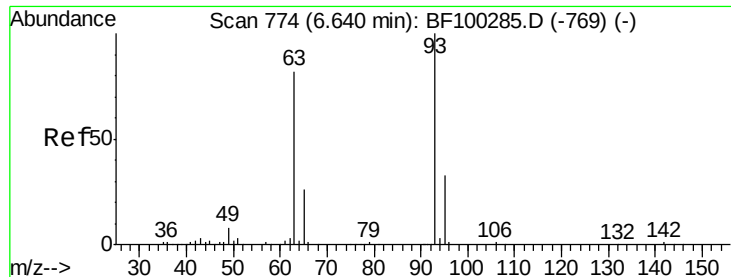


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

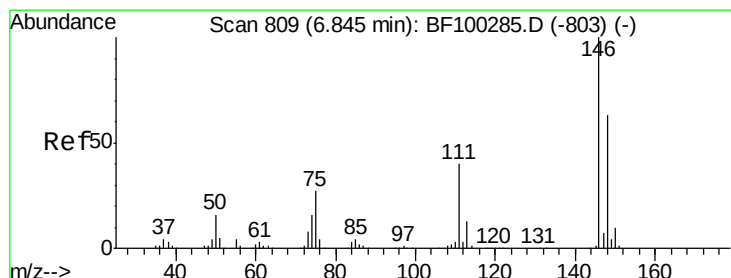
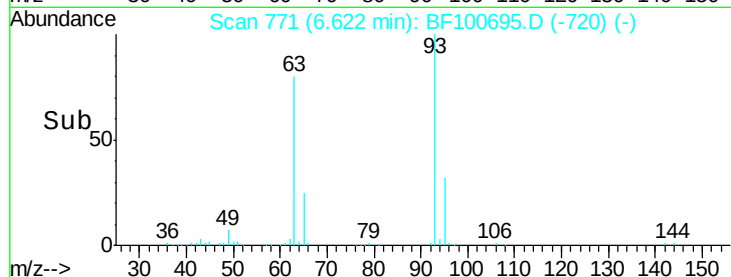
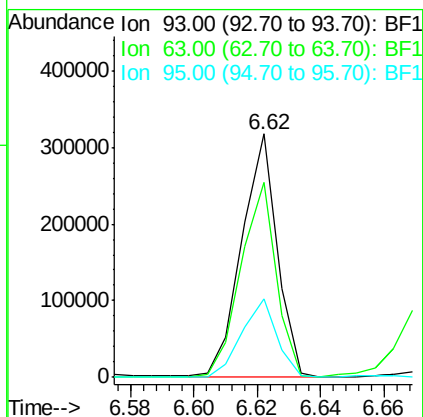
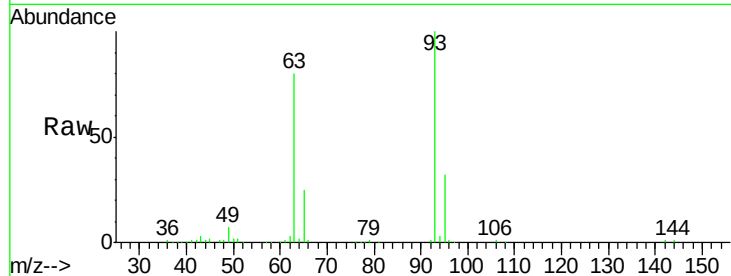




#11
bis(2-Chloroethyl)ether
Concen: 35.30 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

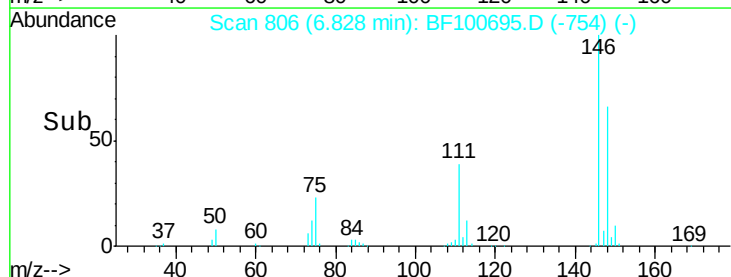
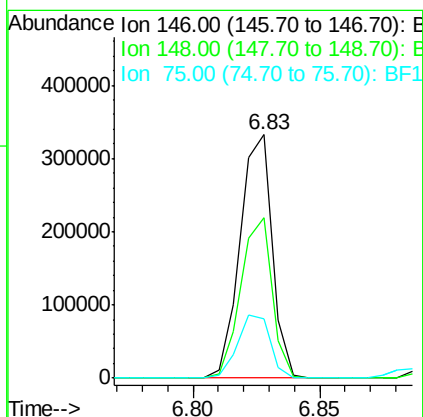
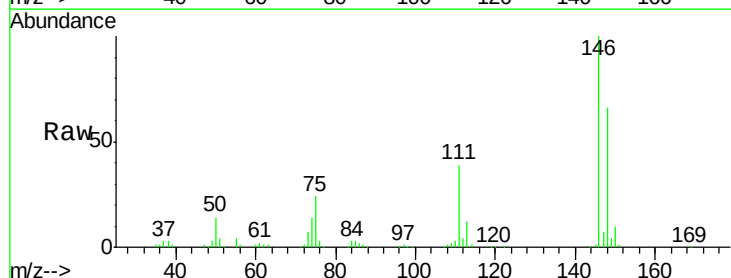
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

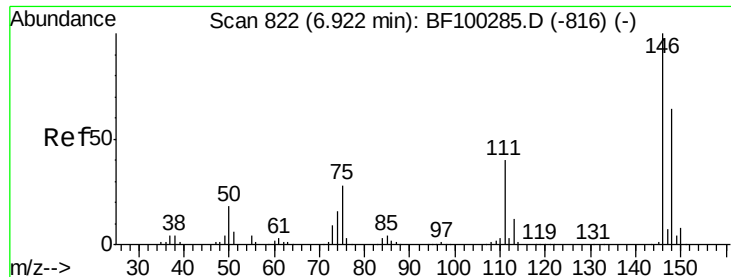
Tgt Ion: 93 Resp: 244781
Ion Ratio Lower Upper
93 100
63 80.2 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.56 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion: 146 Resp: 292091
Ion Ratio Lower Upper
146 100
148 66.0 51.8 77.8
75 24.4 24.2 36.4

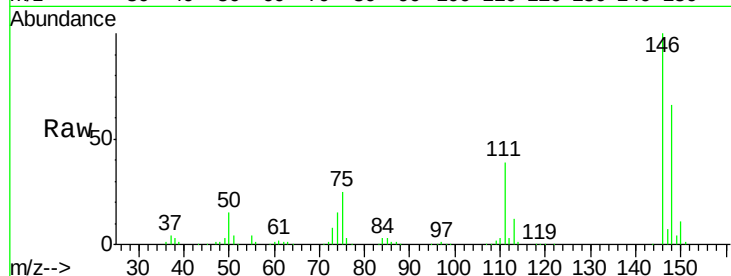




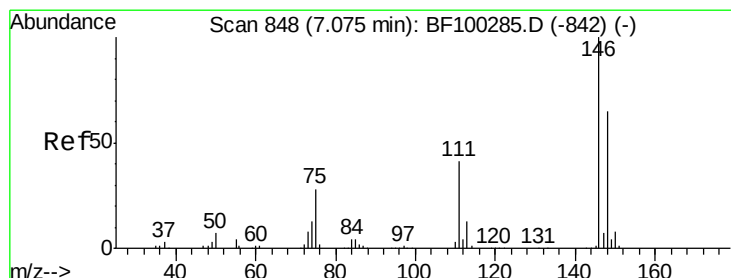
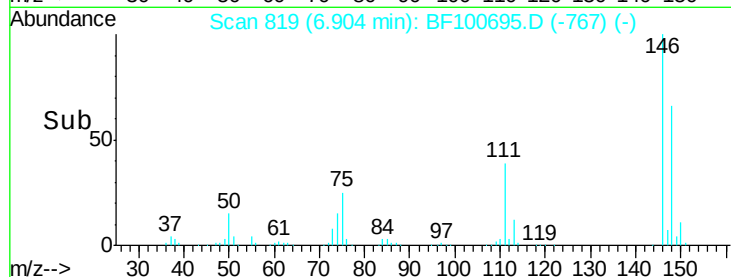
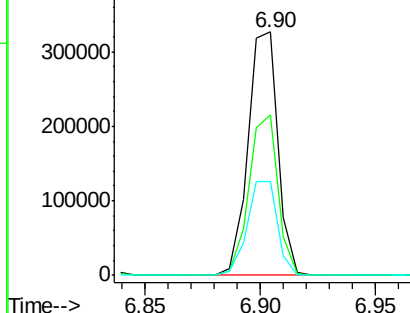
#13
 1,4-Dichlorobenzene
 Concen: 37.57 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tgt Ion:146 Resp: 295699
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.8 76.2
 111 38.6 34.2 51.2

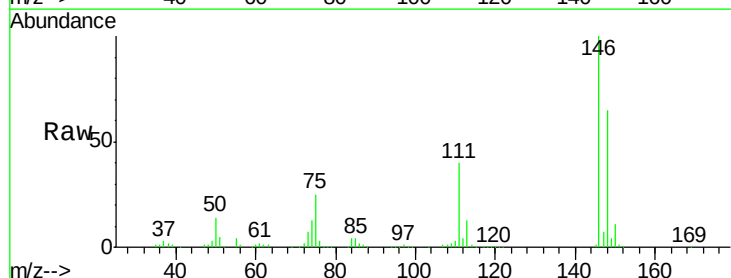


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

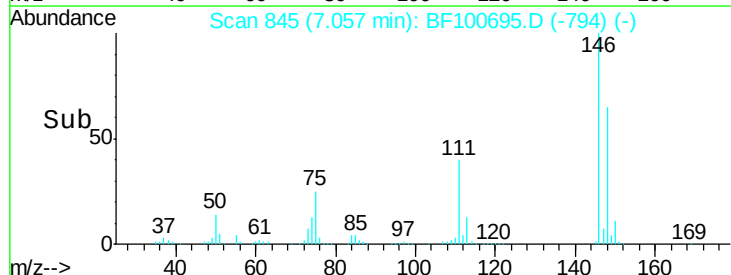
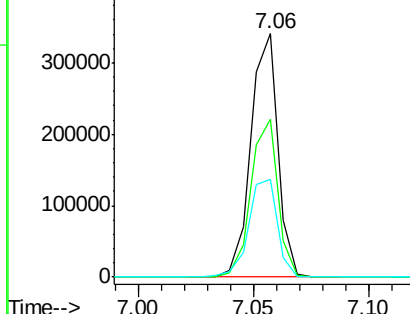


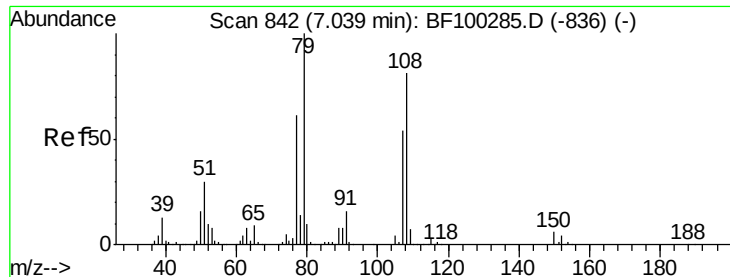
#14
 1,2-Dichlorobenzene
 Concen: 38.38 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion:146 Resp: 279305
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.6 75.8
 111 40.1 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 37.46 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

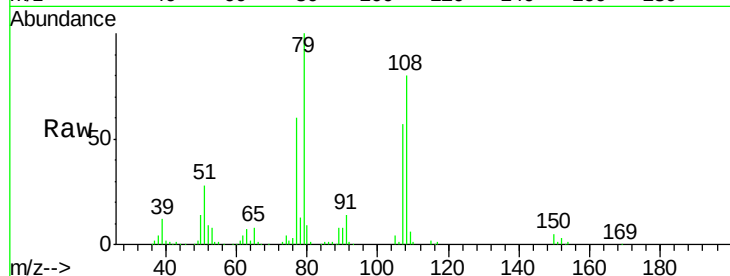
Tgt Ion: 79 Resp: 229887

Ion Ratio Lower Upper

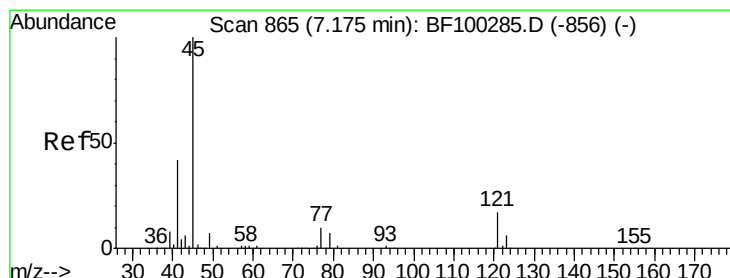
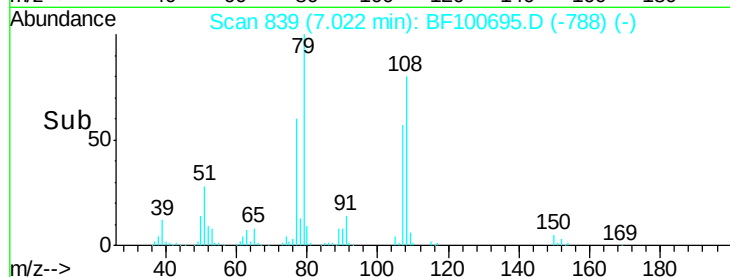
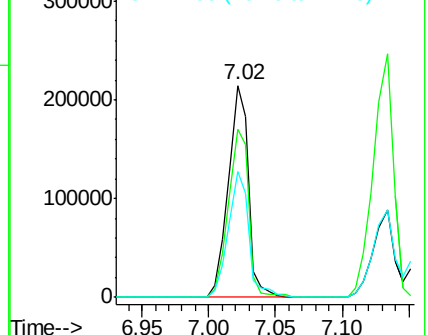
79 100

108 79.6 65.1 97.7

77 59.5 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.03 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

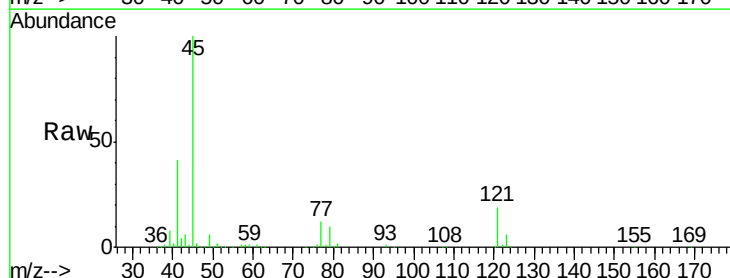
Tgt Ion: 45 Resp: 432842

Ion Ratio Lower Upper

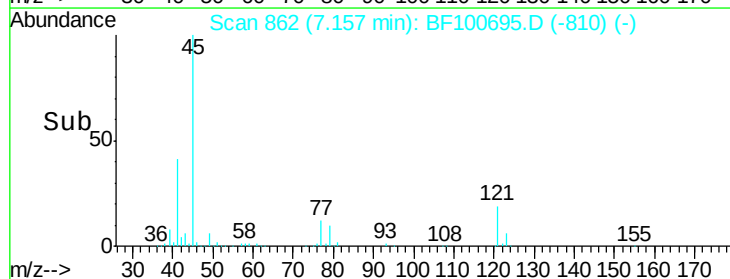
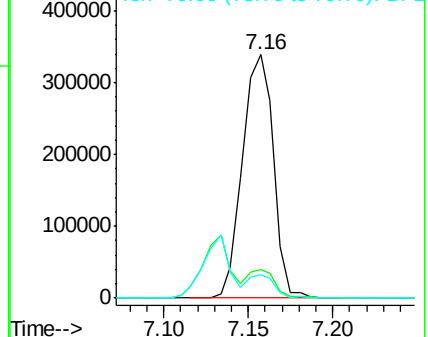
45 100

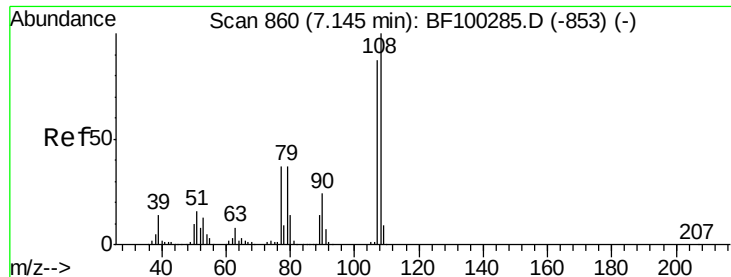
77 11.9 0.0 32.9

79 9.9 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

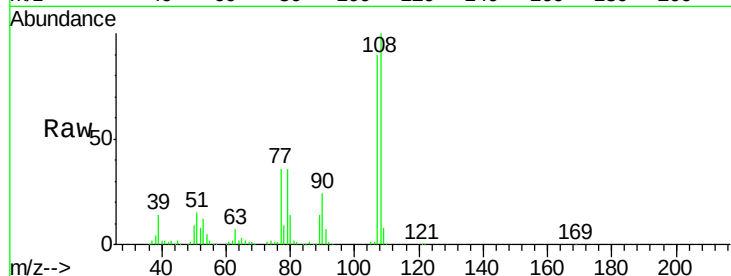




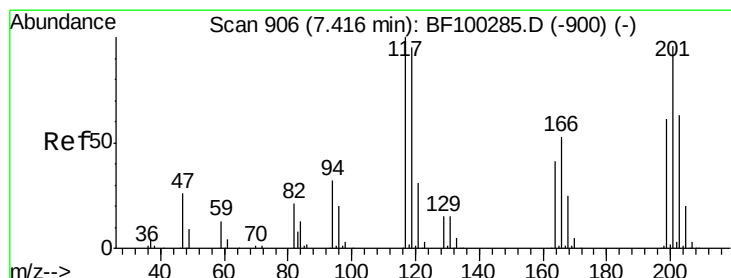
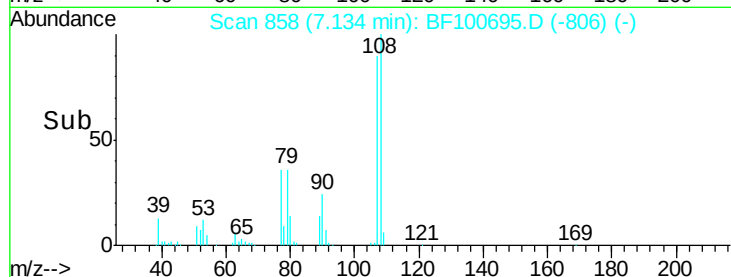
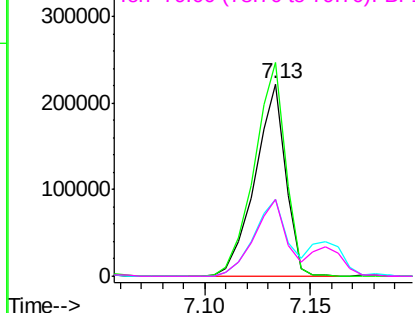
#17
2-Methylphenol
Concen: 38.92 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.7	137.5
77	39.7	33.8	50.8
79	40.0	33.8	50.8

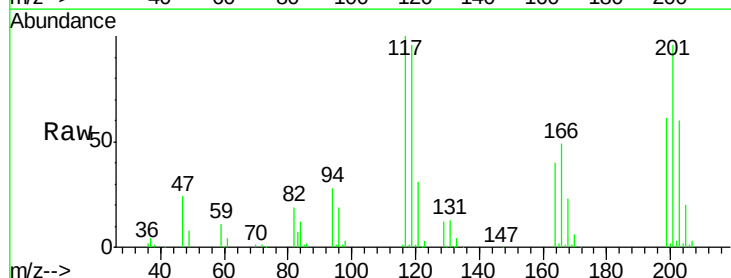


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

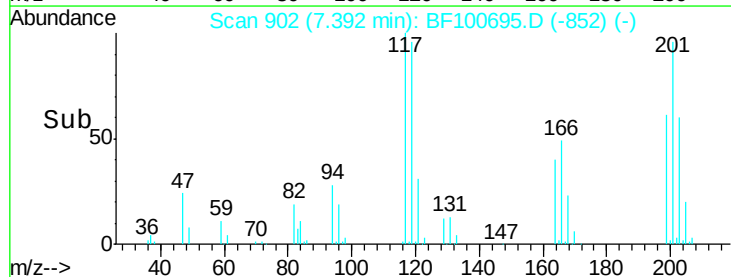
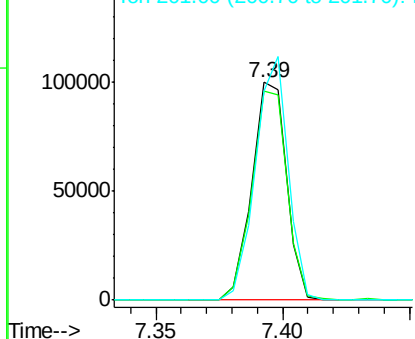


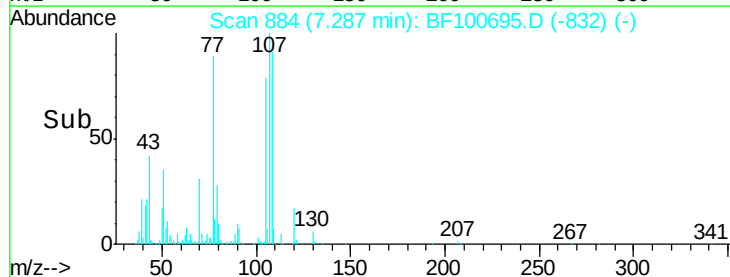
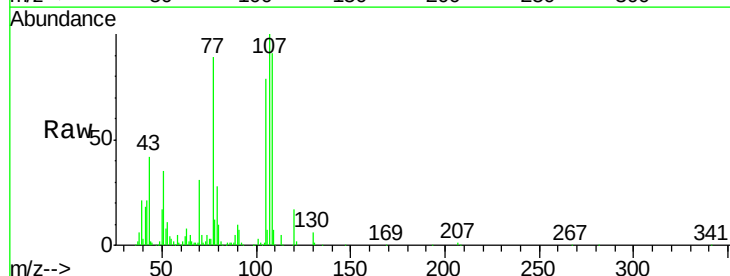
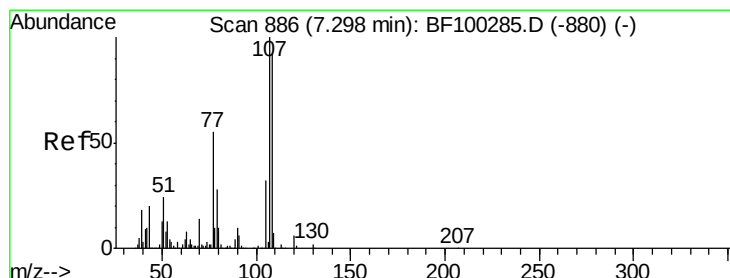
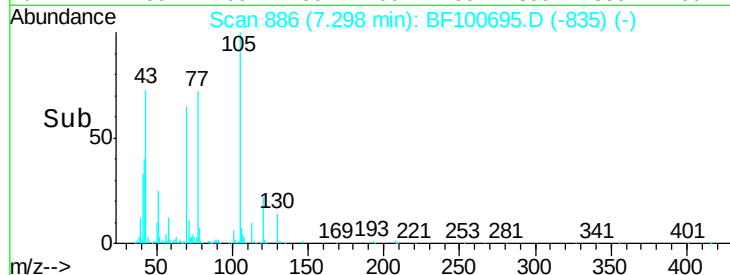
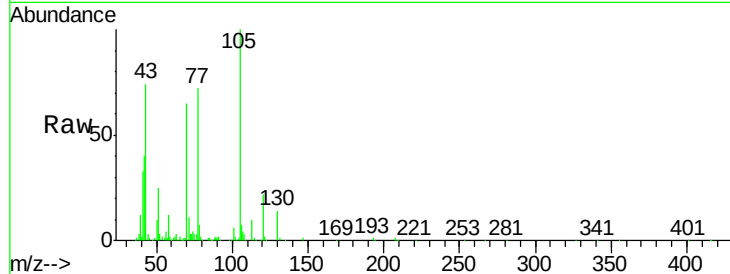
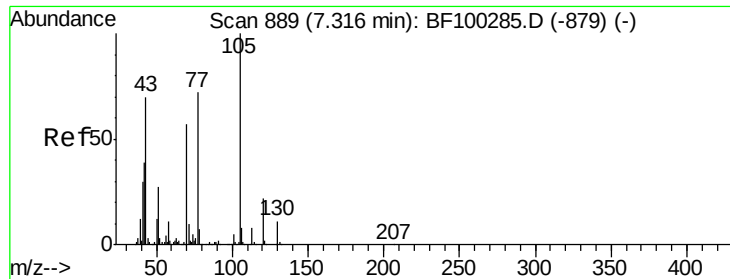
#18
Hexachloroethane
Concen: 36.86 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	96.3	75.7	113.5



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

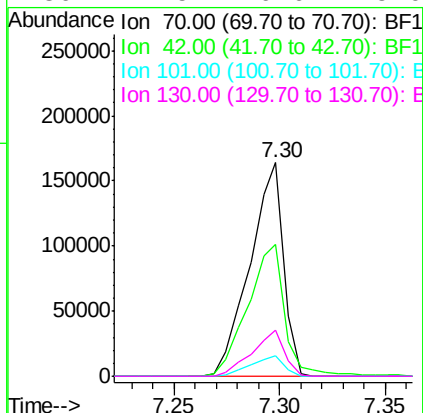




#19
n-Nitroso-di-n-propylamine
Concen: 33.35 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

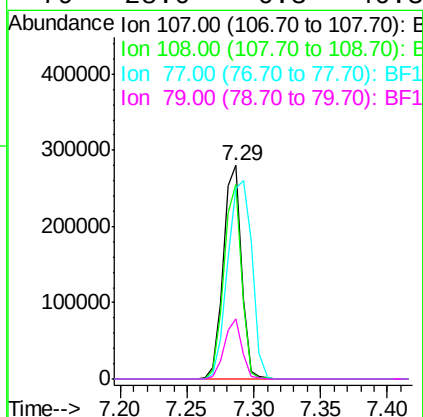
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

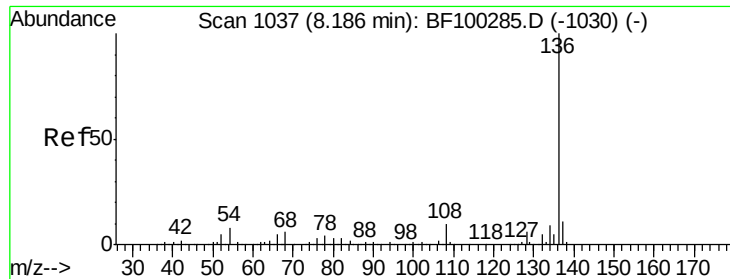
Tgt Ion: 70 Resp: 181860
Ion Ratio Lower Upper
70 100
42 61.7 47.5 71.3
101 9.8 7.4 11.2
130 21.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.39 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion: 107 Resp: 272770
Ion Ratio Lower Upper
107 100
108 91.4 68.2 108.2
77 89.2 26.7 66.7#
79 28.0 6.3 46.3

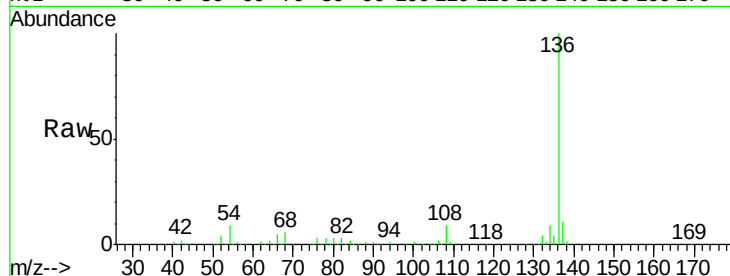




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tgt Ion:	136	Resp:	406277
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.9	6.6	9.8
68	5.9	5.0	7.4



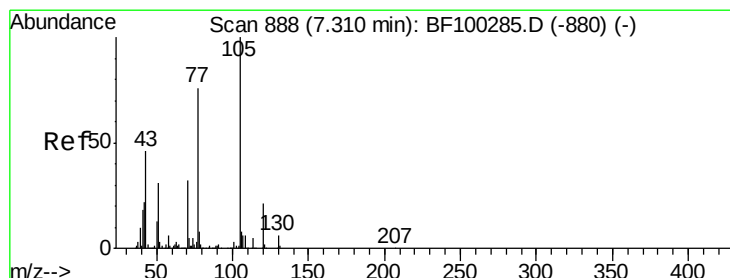
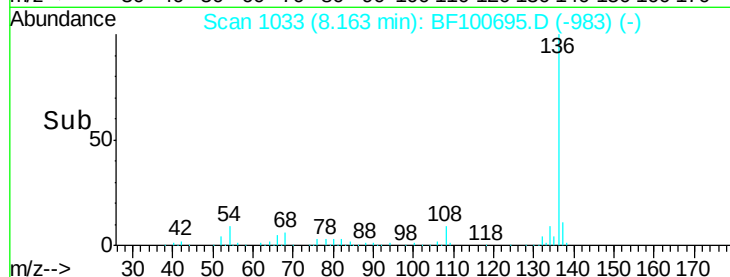
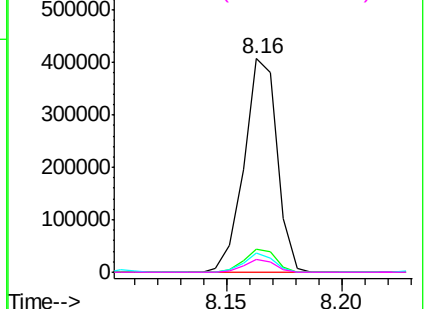
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

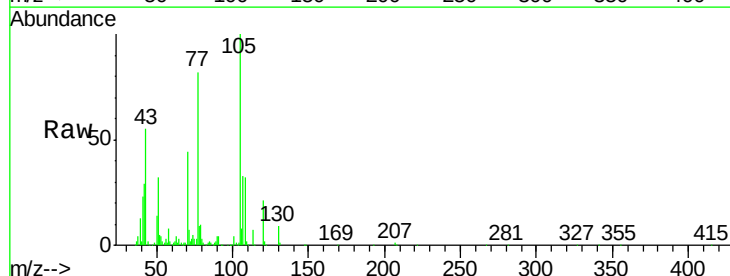
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 35.42 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion:	105	Resp:	350923
Ion Ratio	Lower	Upper	
105	100		
71	7.5	4.4	6.6#
51	31.6	22.3	33.5
120	21.5	16.9	25.3



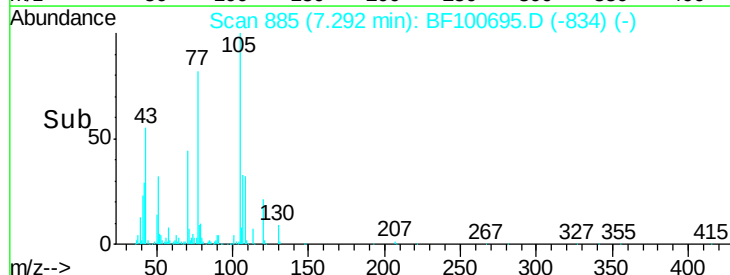
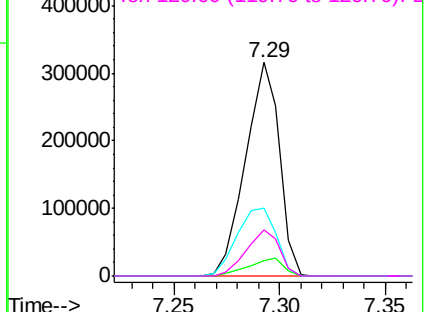
Abundance

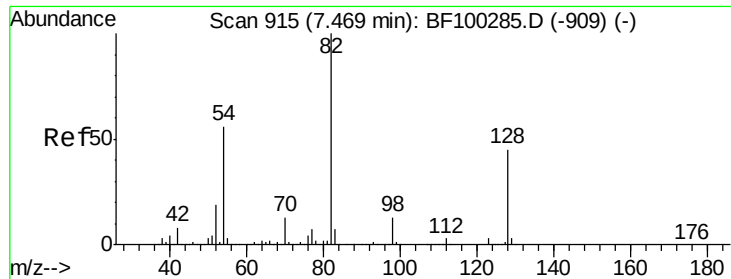
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

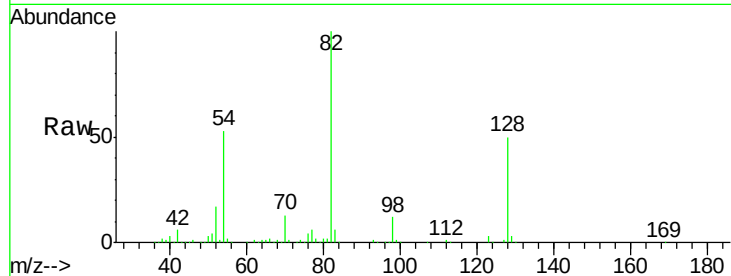




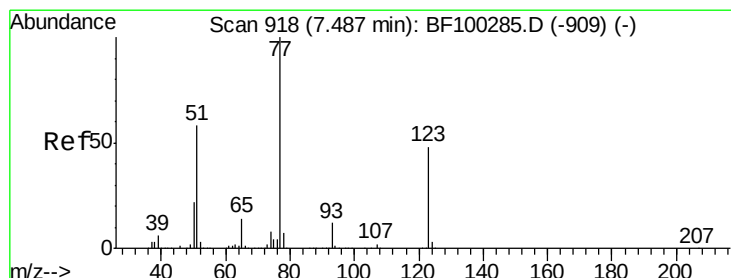
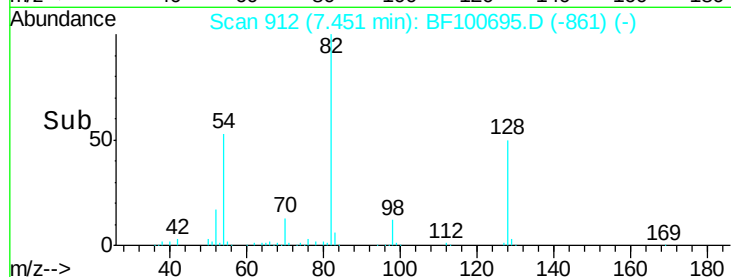
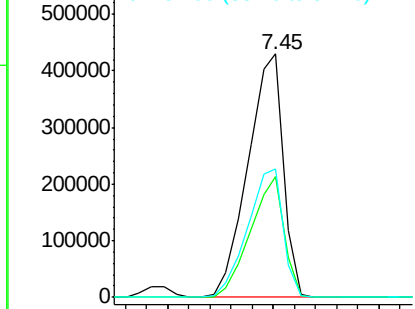
#23
 Nitrobenzene-d5
 Concen: 81.37 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.7	36.1	54.1
54	52.6	41.4	62.2

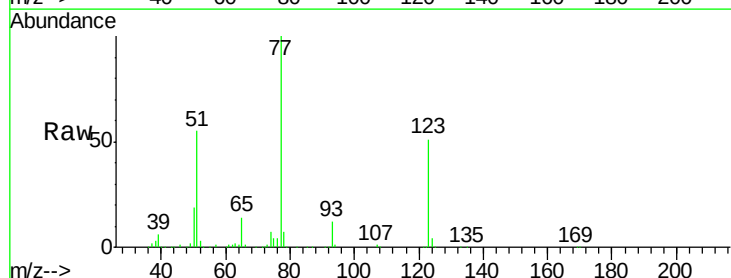


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

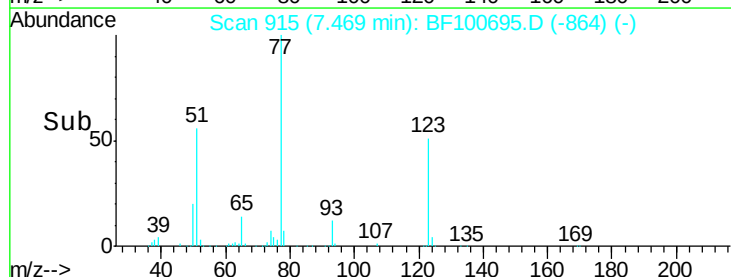
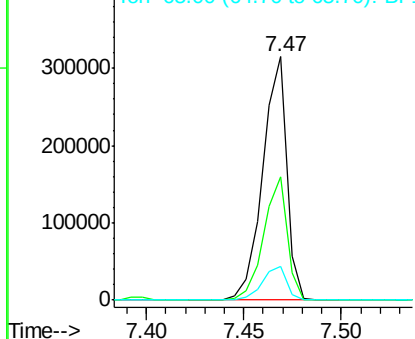


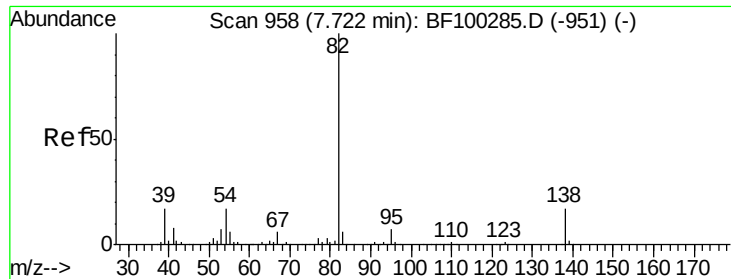
#24
 Nitrobenzene
 Concen: 42.61 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	37.9	56.9
65	13.6	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: 38.25 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

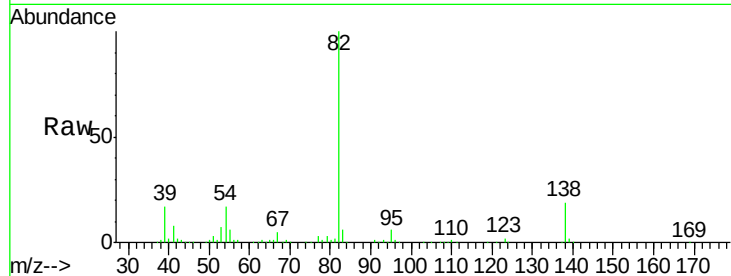
Tgt Ion: 82 Resp: 493927

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

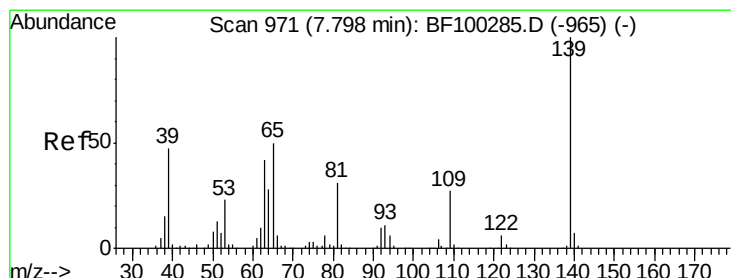
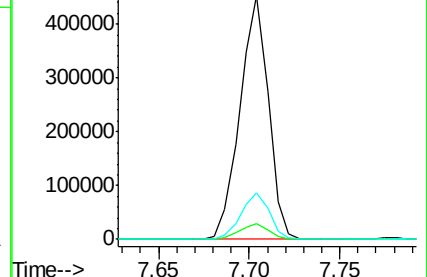
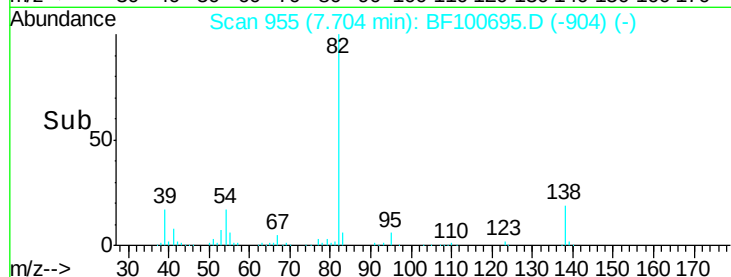
138 19.0 14.9 22.3



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: 50.35 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

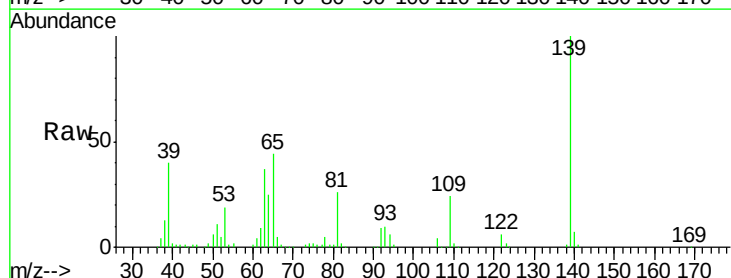
Tgt Ion: 139 Resp: 150189

Ion Ratio Lower Upper

139 100

109 23.8 22.7 34.1

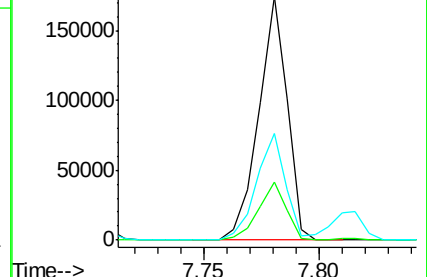
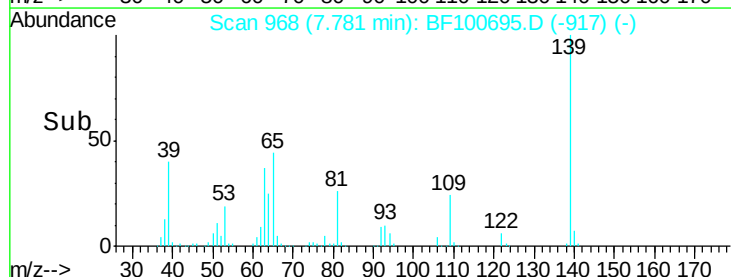
65 43.7 40.5 60.7

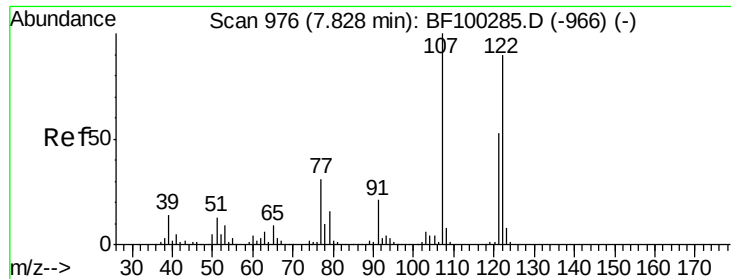


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

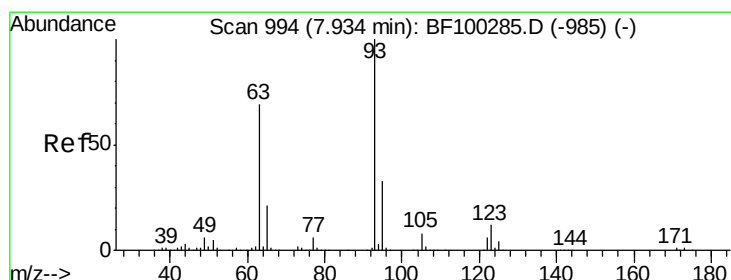
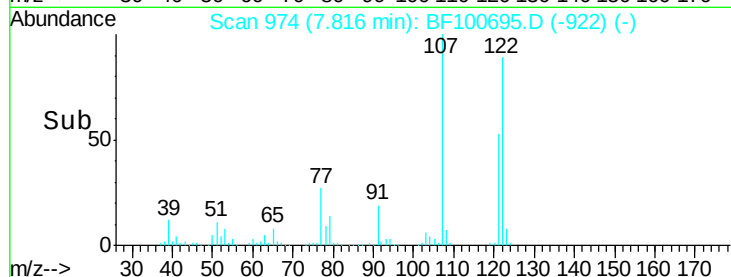
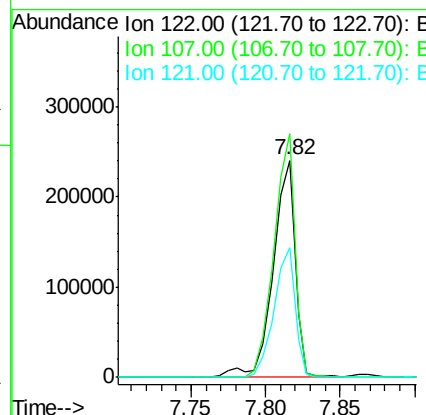
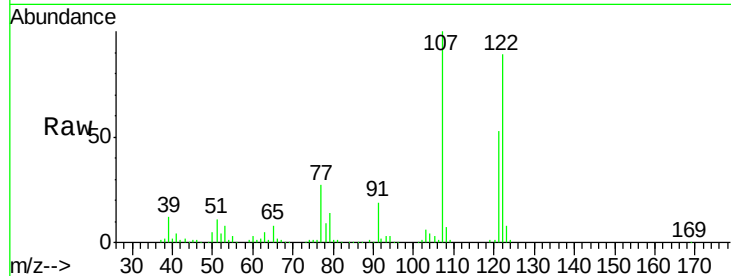




#27
 2,4-Dimethylphenol
 Concen: 42.57 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

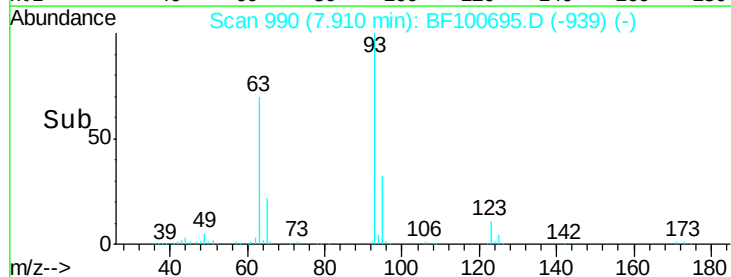
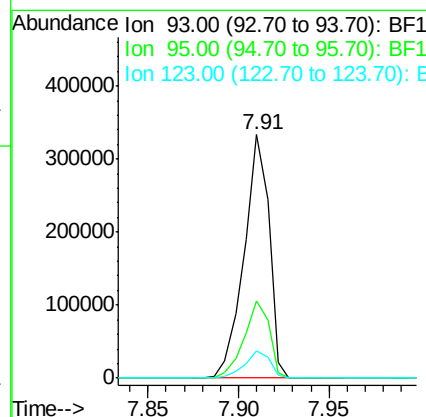
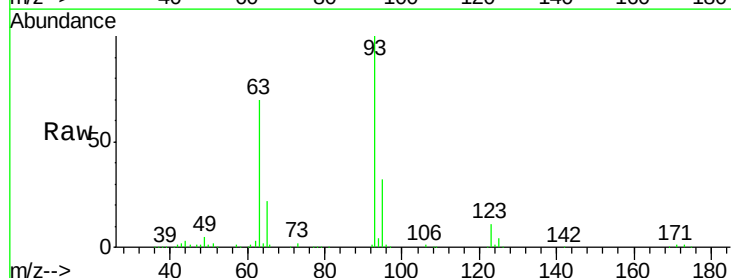
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

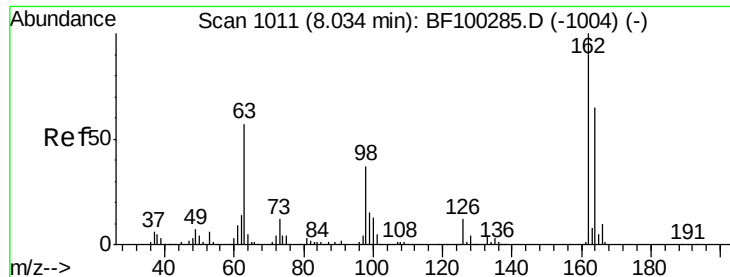
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.3	91.2	136.8
121	59.6	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.79 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.3	39.5
123	11.2	9.8	14.6

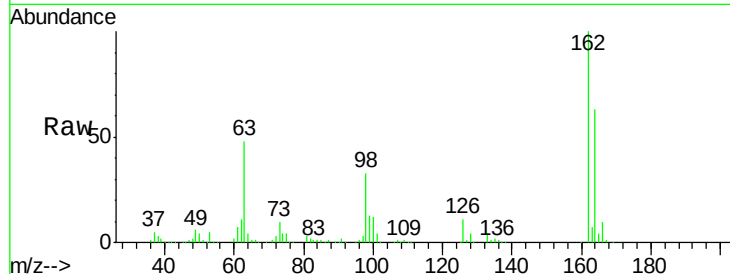




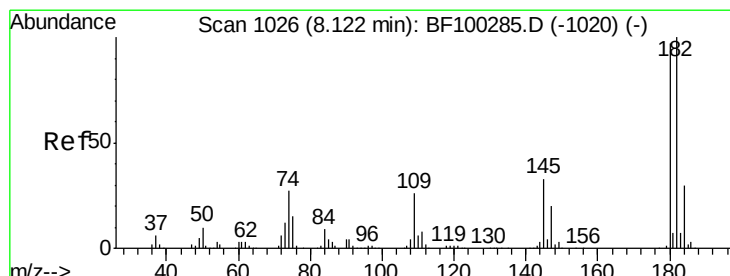
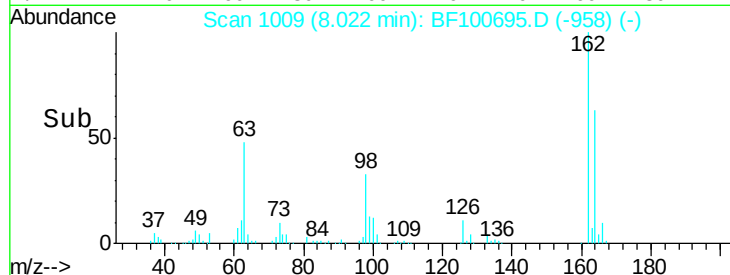
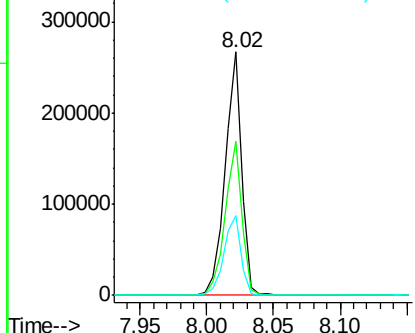
#29
 2,4-Dichlorophenol
 Concen: 42.45 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	33.0	18.1	58.1

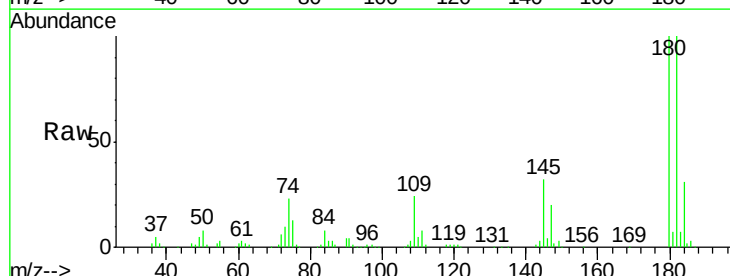


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

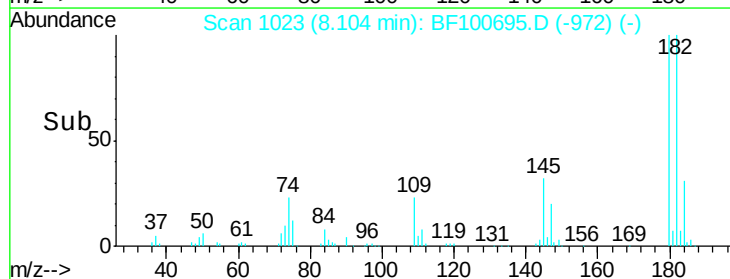
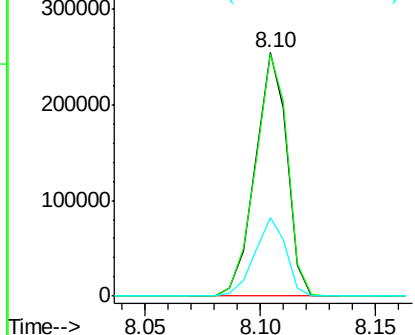


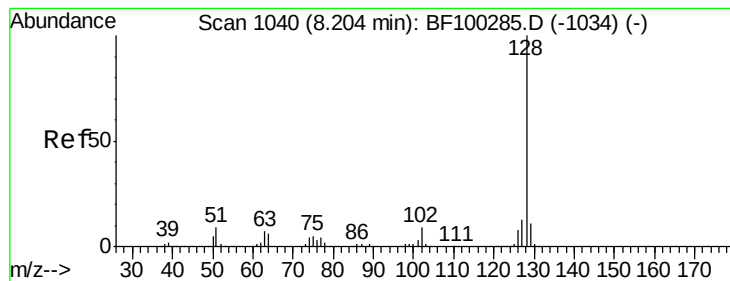
#30
 1,2,4-Trichlorobenzene
 Concen: 40.58 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.8	115.2
145	32.3	26.5	39.7



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





#31

Naphthalene

Concen: 39.10 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

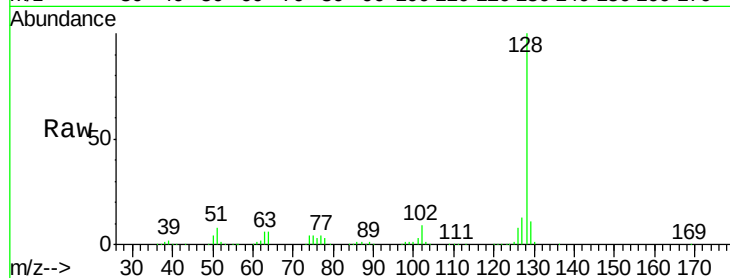
Tgt Ion:128 Resp: 765103

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

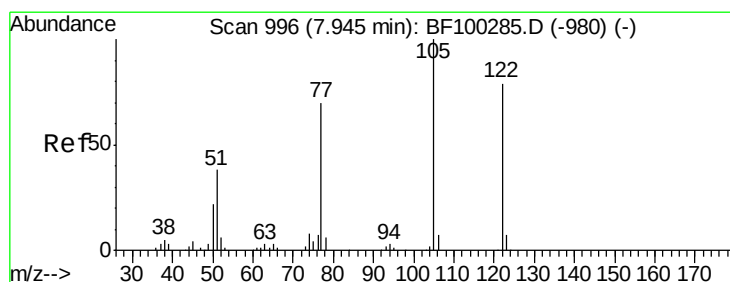
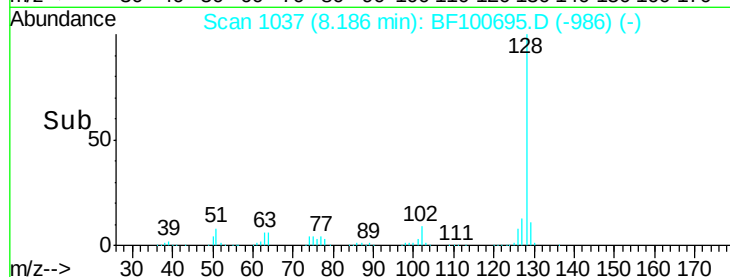
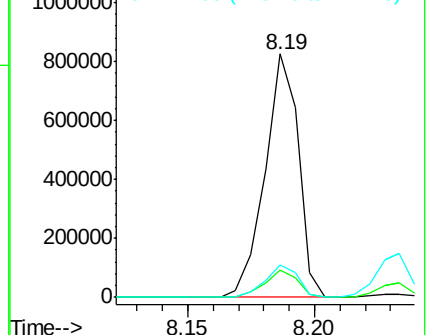
127 13.4 10.9 16.3



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: 54.11 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.12 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

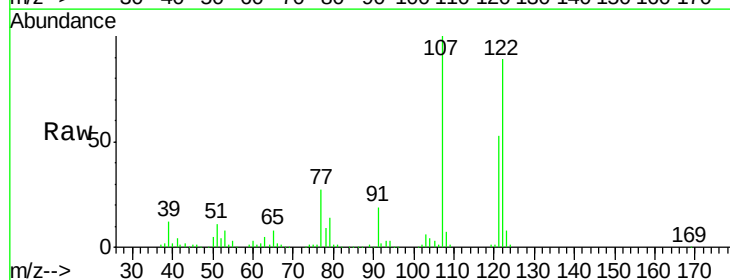
Tgt Ion:122 Resp: 246441

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

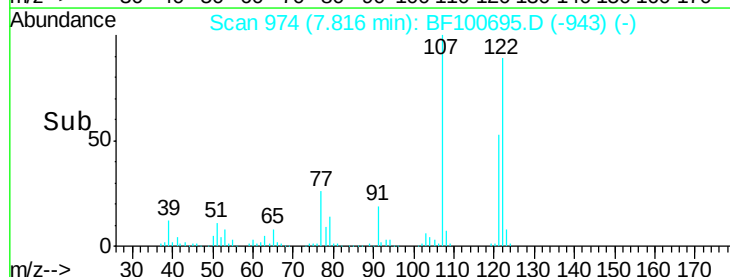
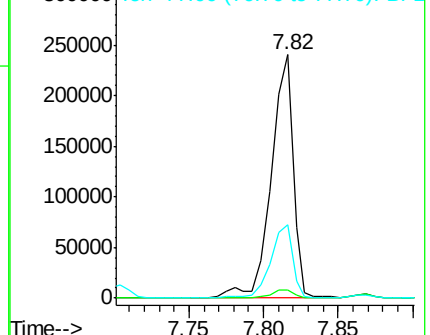
77 29.9 70.7 110.7#

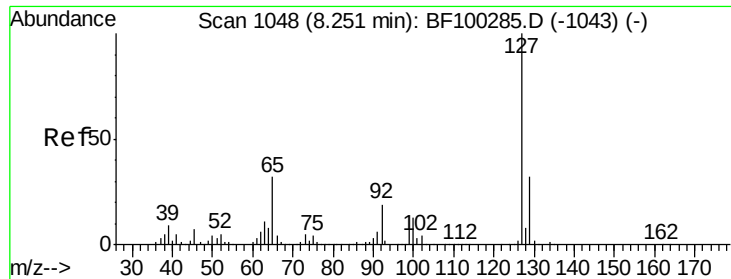


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

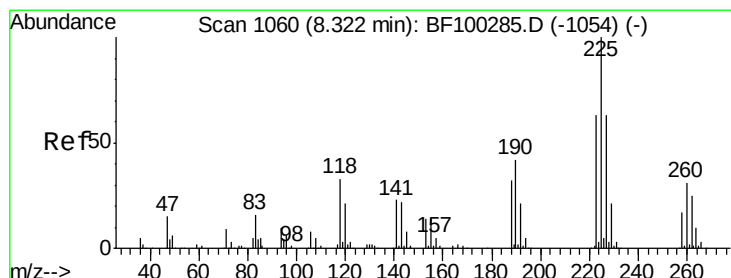
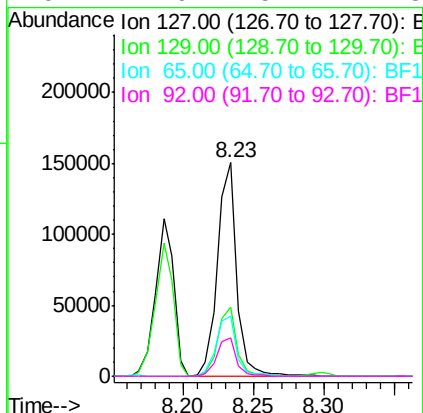
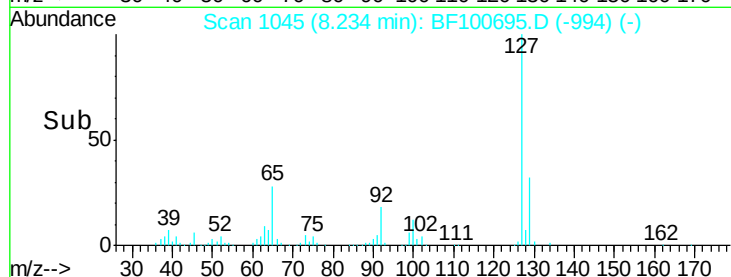
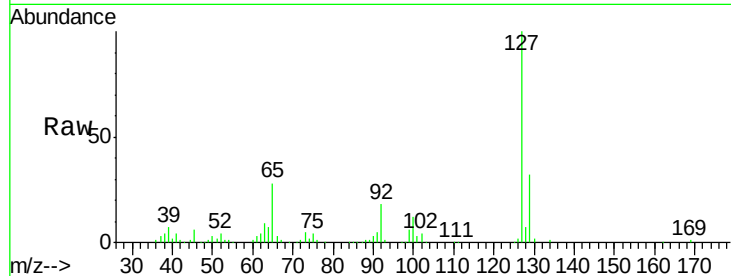




#33
4-Chloroaniline
Concen: 17.54 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

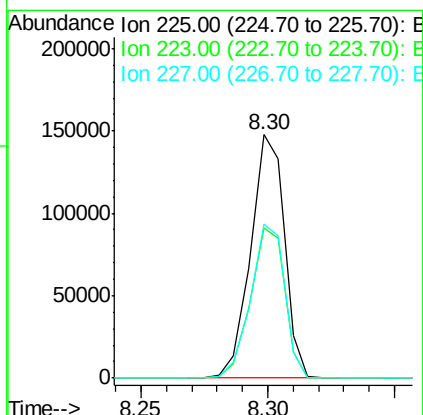
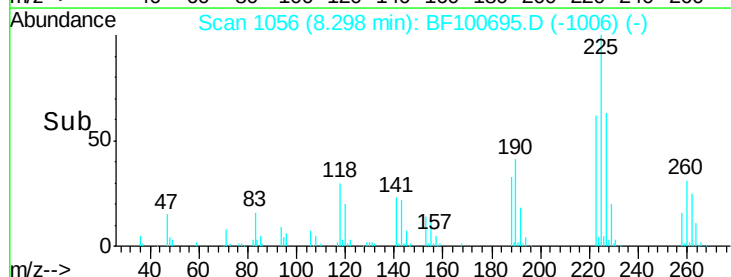
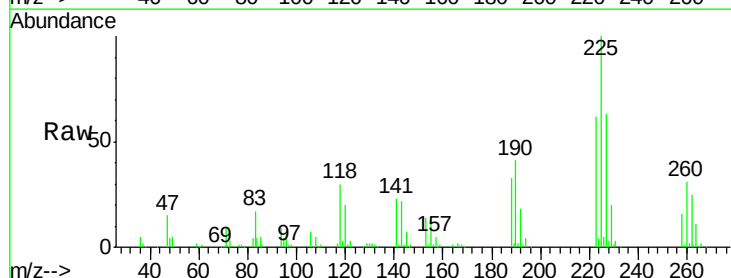
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

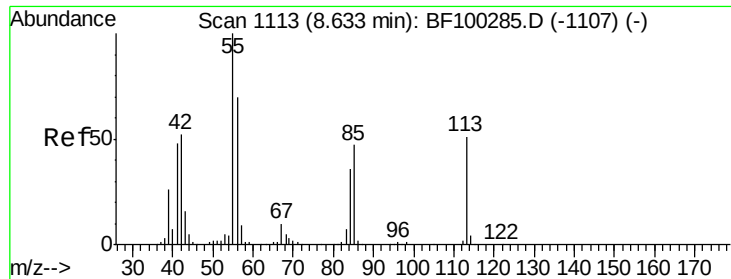
Tgt Ion:	127	Resp:	142896
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	27.9	25.0	37.4
92	17.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.63 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion:	225	Resp:	137300
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	63.1	51.9	77.9

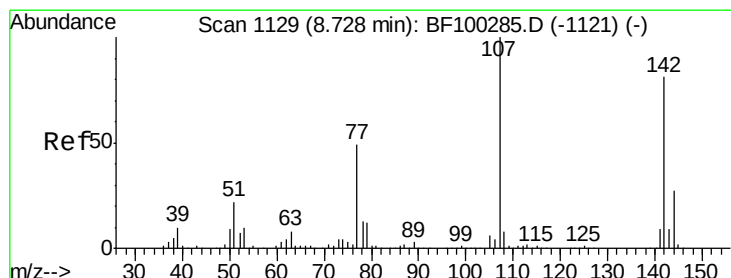
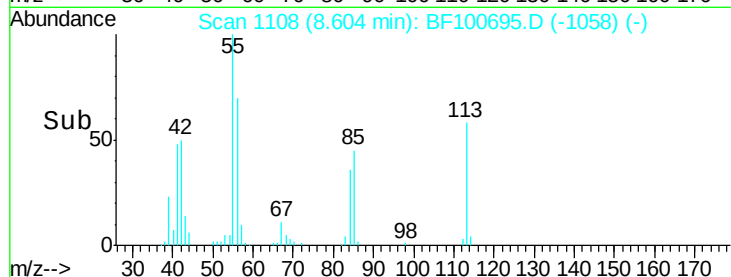
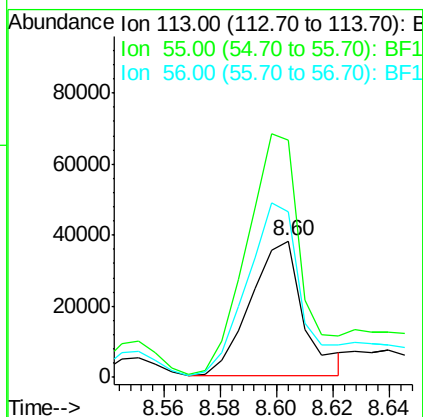
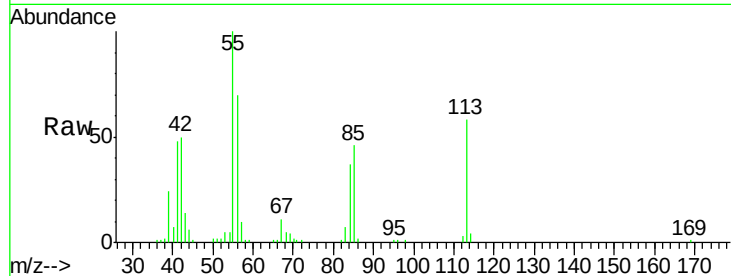




#35
 Caprolactam
 Concen: 26.33 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

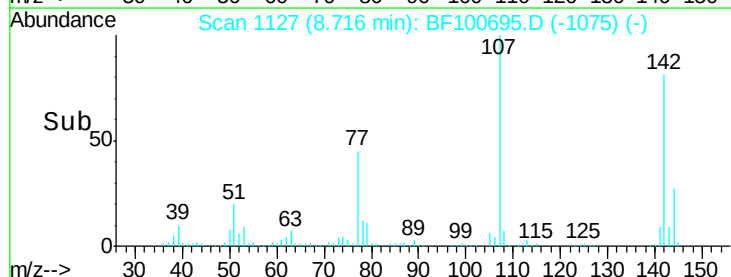
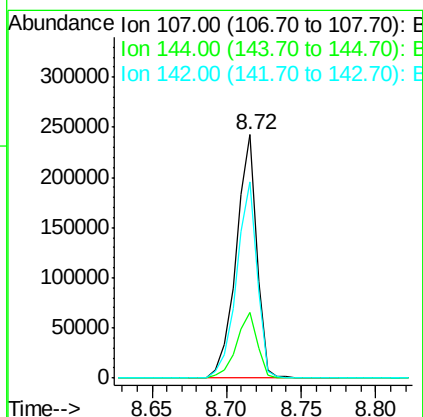
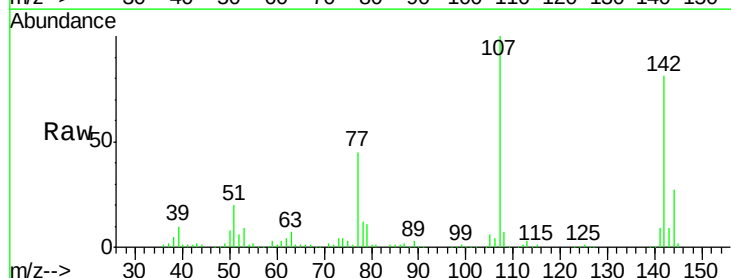
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

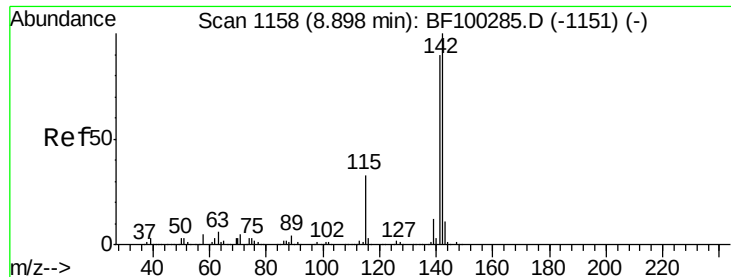
Tgt Ion:113 Resp: 49938
 Ion Ratio Lower Upper
 113 100
 55 173.5 163.3 203.3
 56 120.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.70 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion:107 Resp: 235638
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.5 30.7
 142 80.7 62.0 93.0

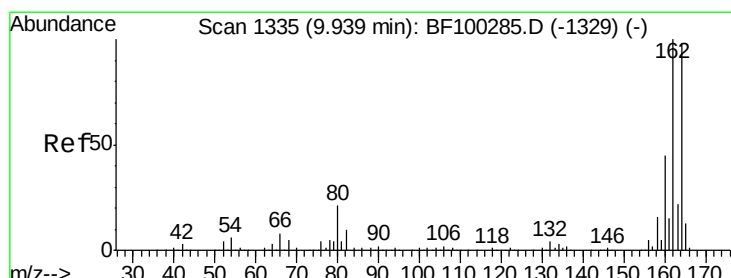
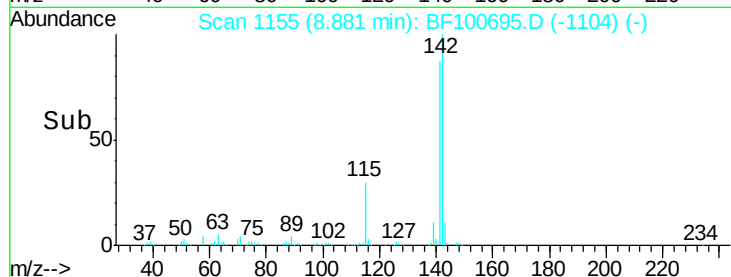
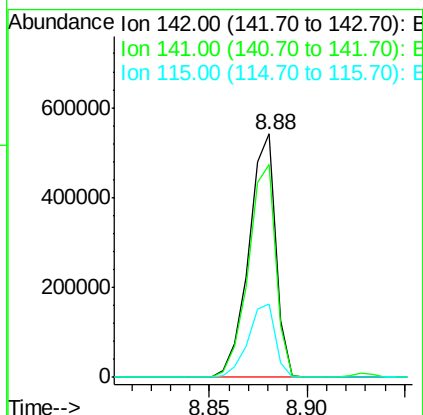
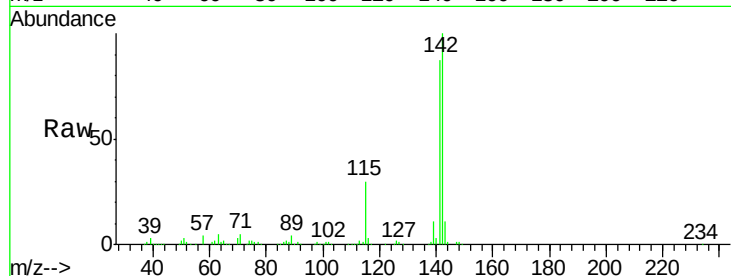




#37
 2-Methylnaphthalene
 Concen: 39.85 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

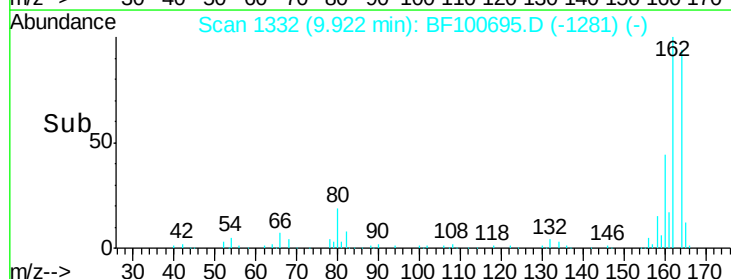
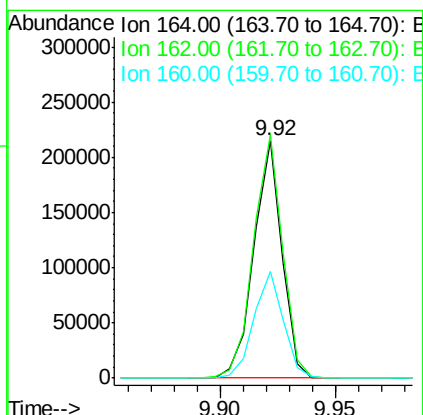
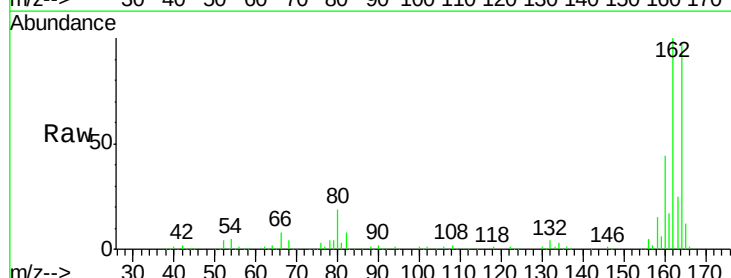
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

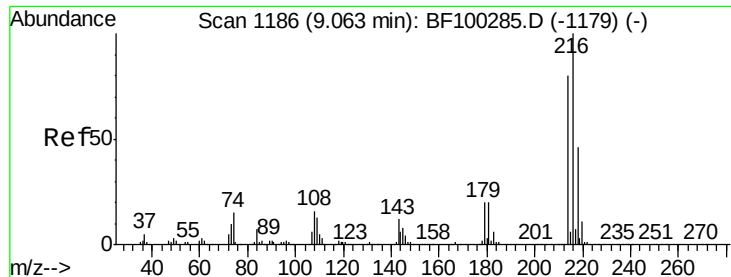
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	29.9	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	44.9	38.3	57.5

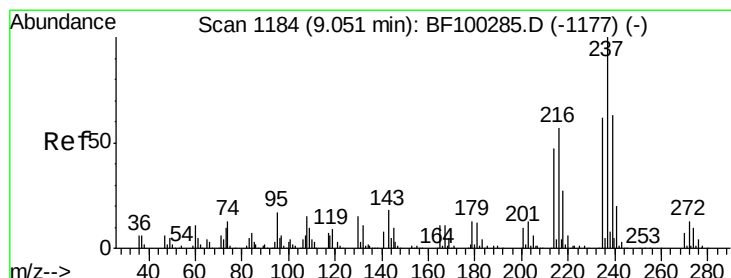
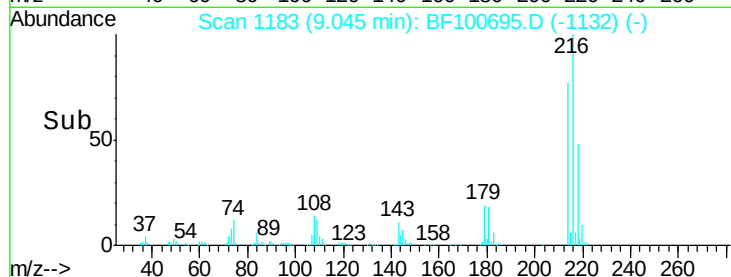
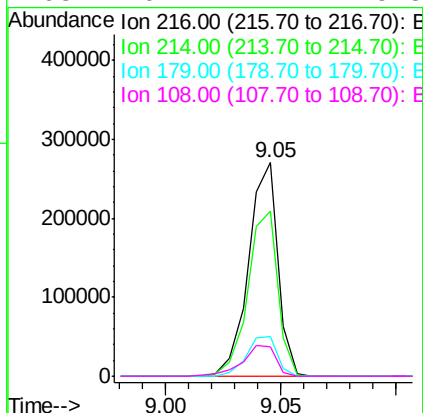
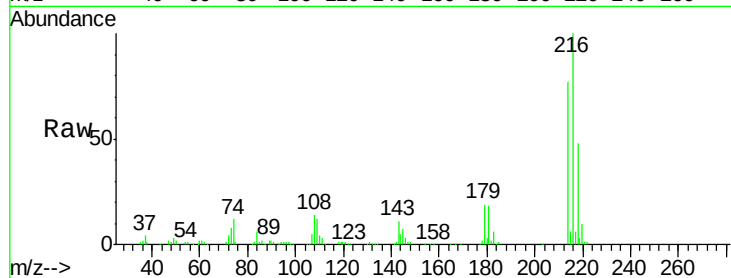




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.79 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

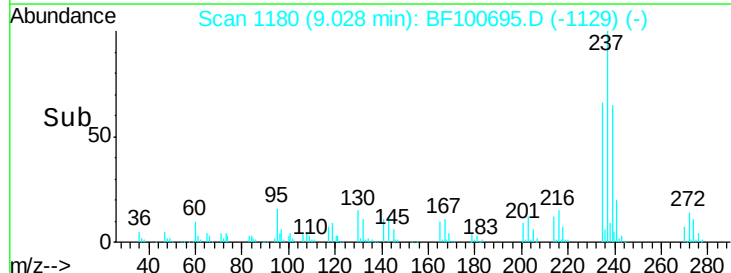
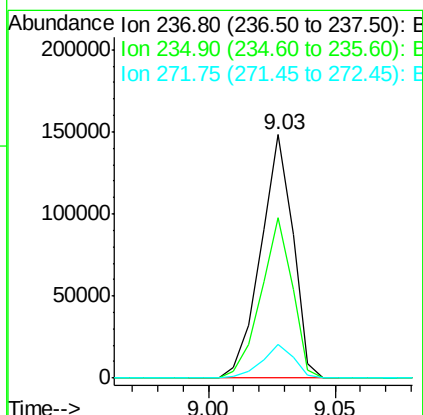
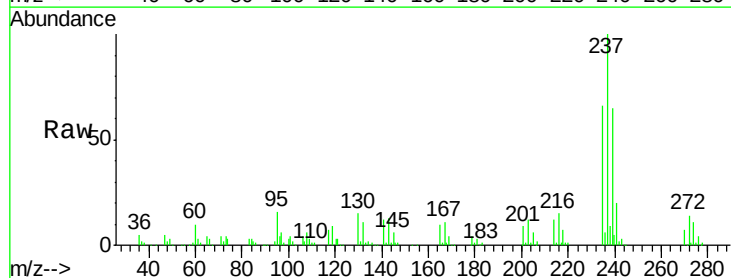
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

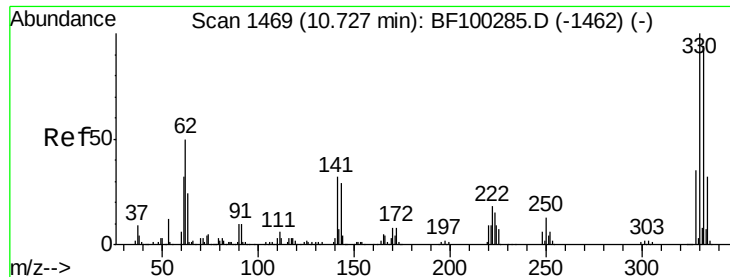
Tgt Ion:	216	Resp:	241219
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	19.8	18.1	27.1
108	16.7	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 46.30 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion:	237	Resp:	132090
Ion	Ratio	Lower	Upper
237	100		
235	65.7	44.8	84.8
272	14.0	0.0	33.3

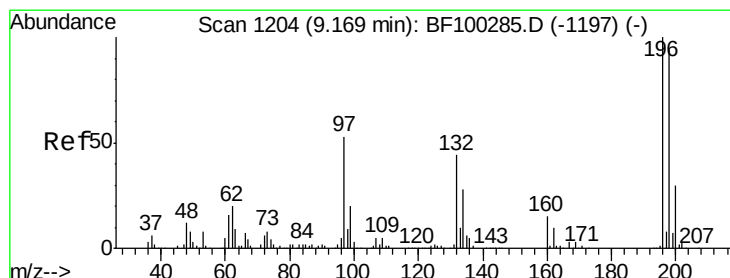
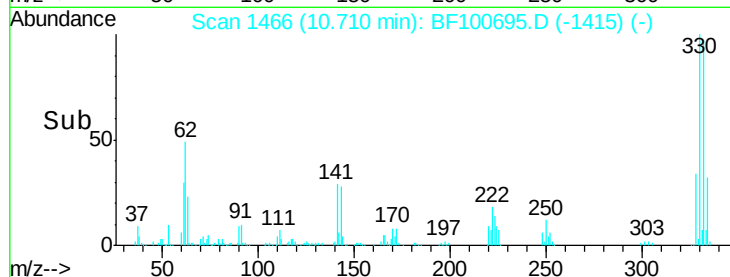
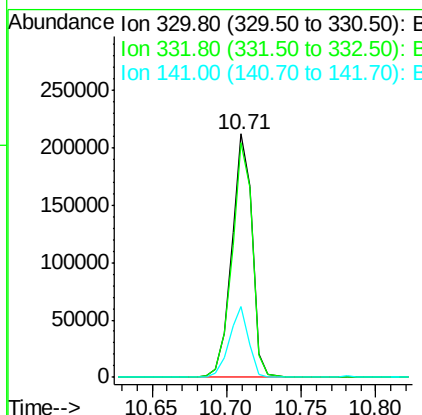
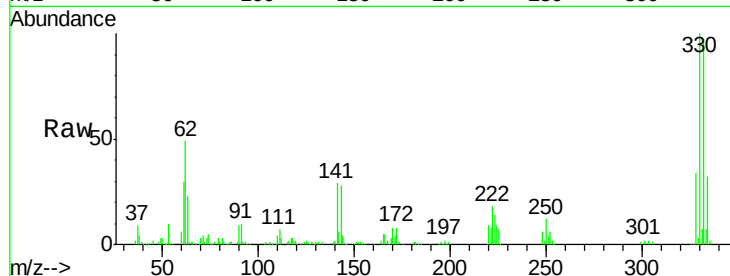




#41
 2,4,6-Tribromophenol
 Concen: 109.73 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

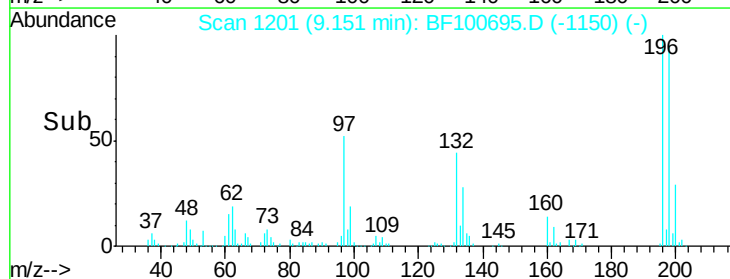
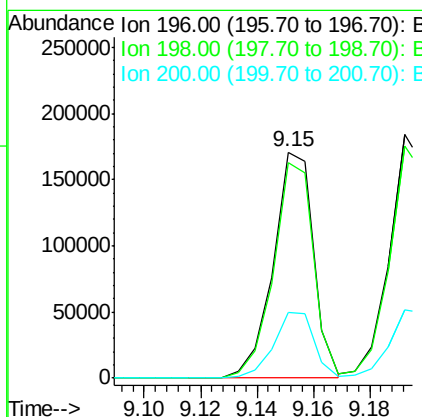
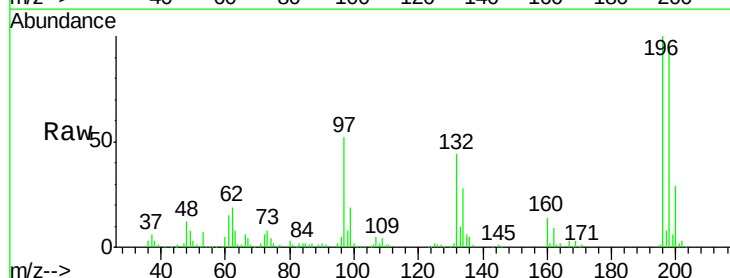
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

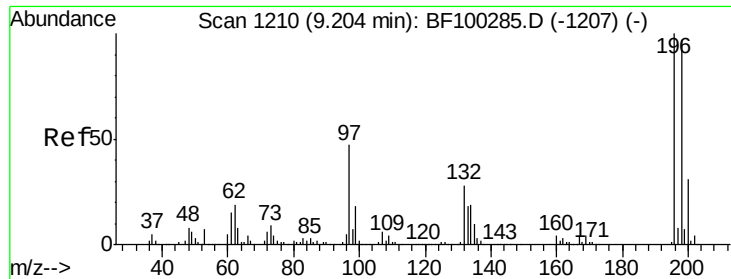
Tgt Ion:330 Resp: 204367
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 27.9 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 43.83 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion:196 Resp: 168403
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 200 29.3 24.5 36.7

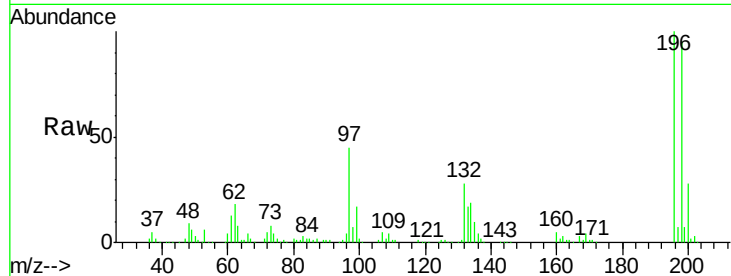




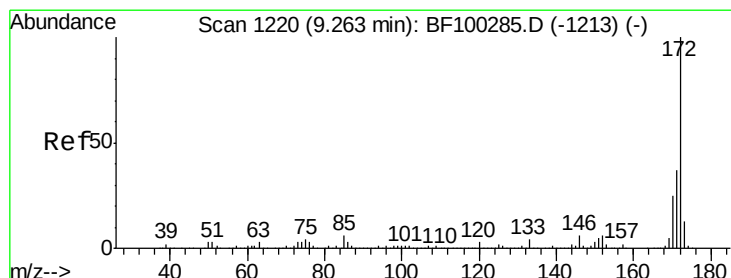
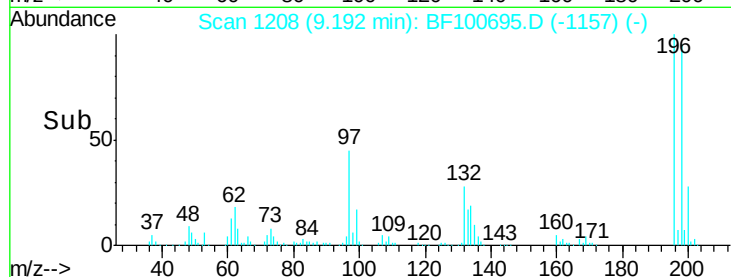
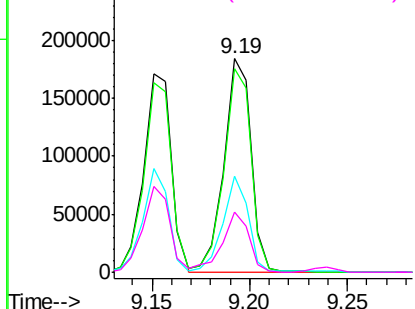
#43
 2,4,5-Trichlorophenol
 Concen: 44.64 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.6	112.0
97	44.9	42.9	64.3
132	28.5	26.3	39.5

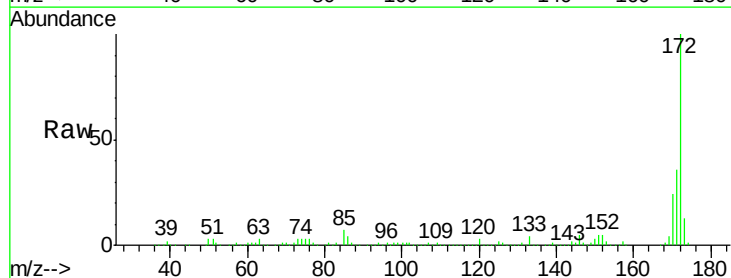


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

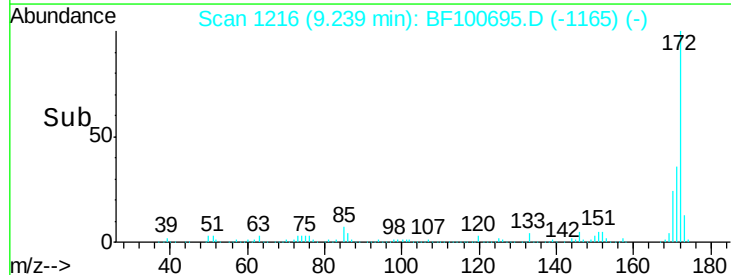
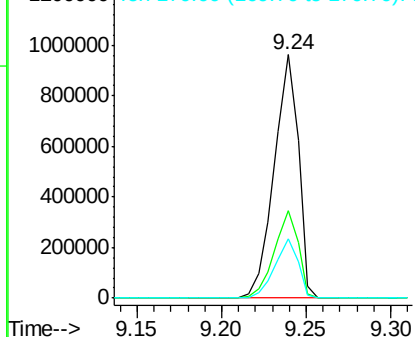


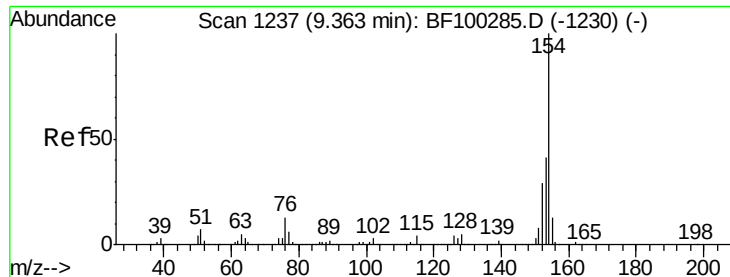
#44
 2-Fluorobiphenyl
 Concen: 79.76 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.4	19.6	29.4



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

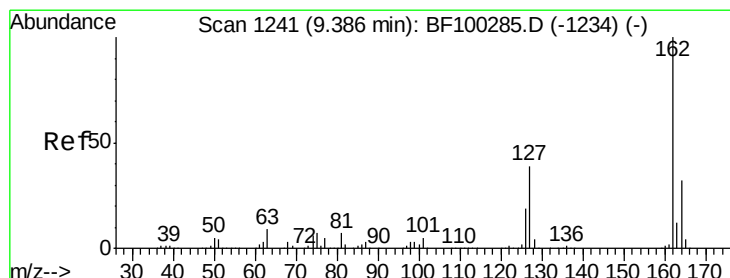
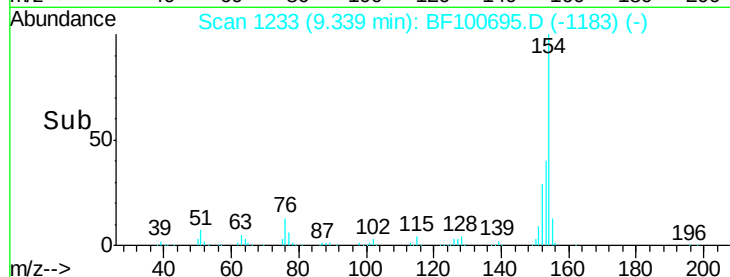
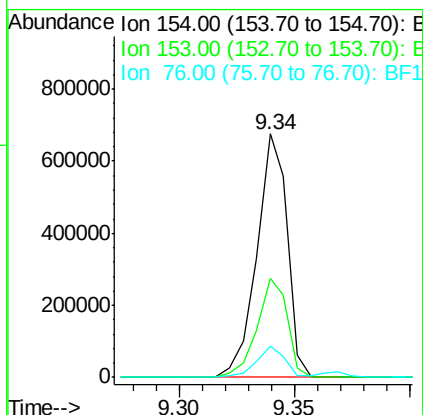
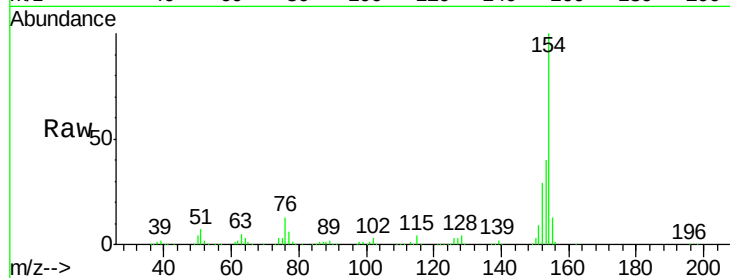




#45
 1,1'-Biphenyl
 Concen: 39.22 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

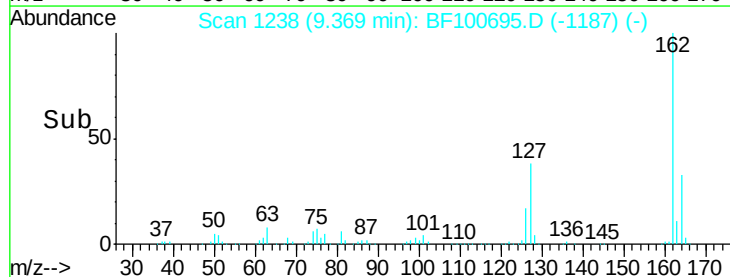
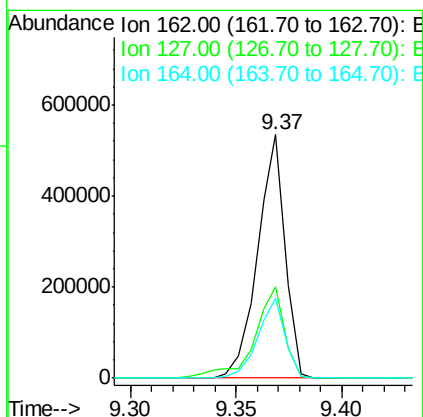
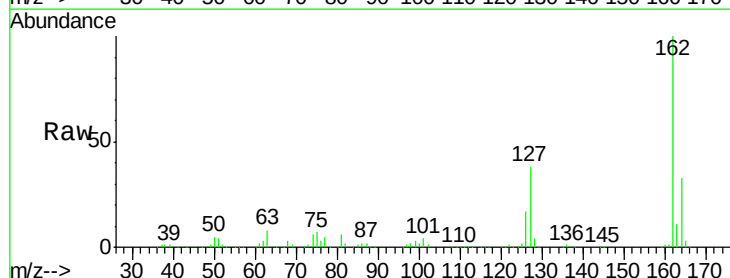
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

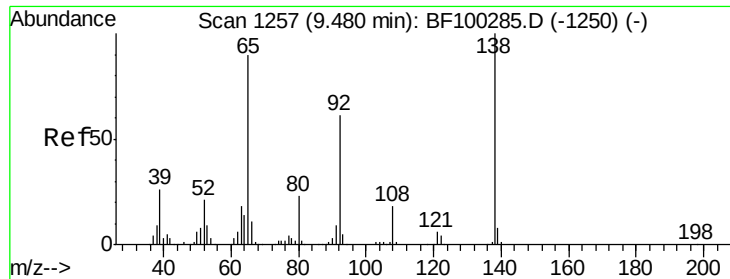
Tgt Ion:154 Resp: 620054
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.3 61.3
 76 12.7 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 42.00 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion:162 Resp: 481688
 Ion Ratio Lower Upper
 162 100
 127 37.6 33.9 50.9
 164 32.7 26.5 39.7





#47

2-Nitroaniline

Concen: 42.46 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

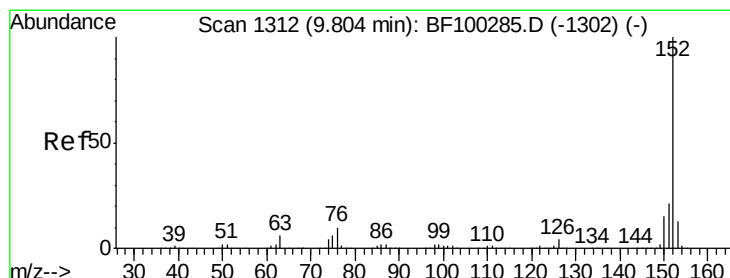
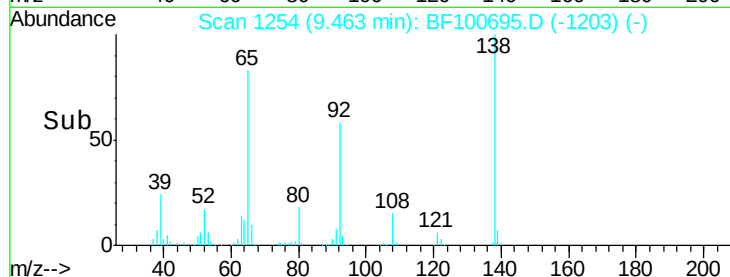
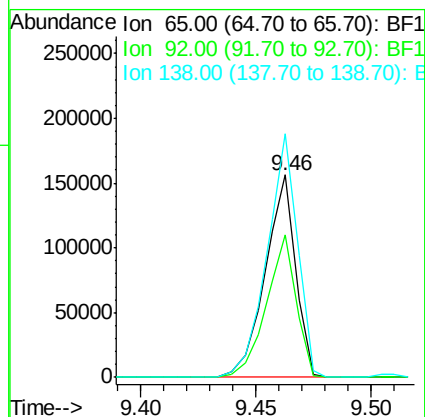
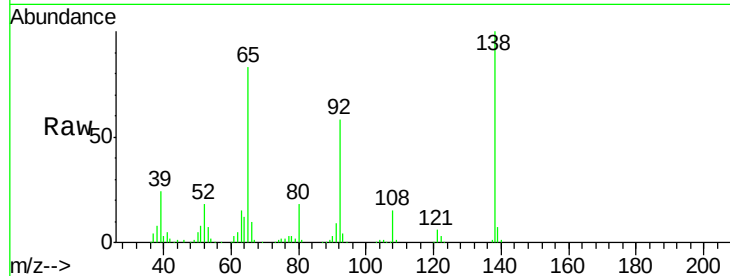
Tgt Ion: 65 Resp: 142721

Ion Ratio Lower Upper

65 100

92 70.4 55.8 83.6

138 120.3 91.2 136.8



#48

Acenaphthylene

Concen: 38.65 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

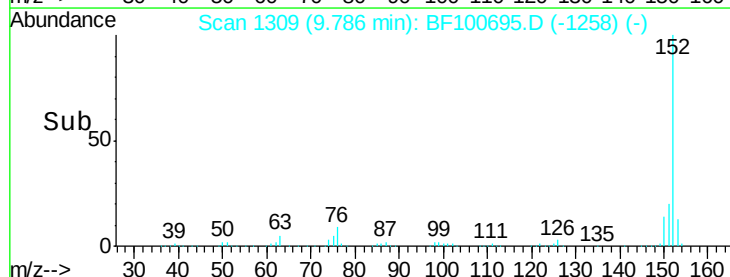
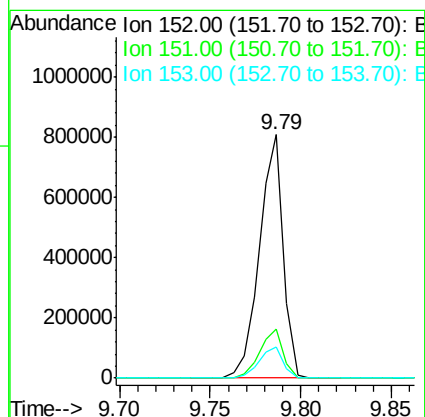
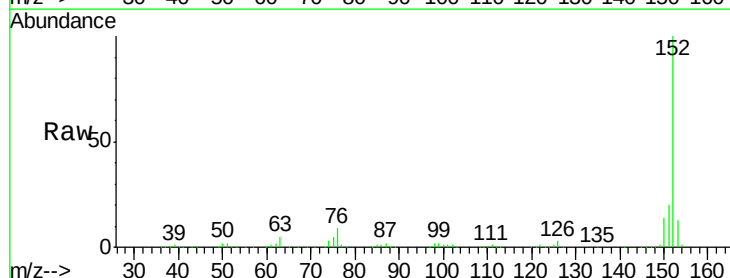
Tgt Ion: 152 Resp: 734545

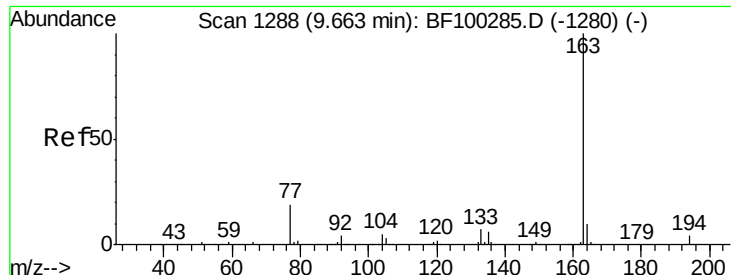
Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 12.8 10.7 16.1

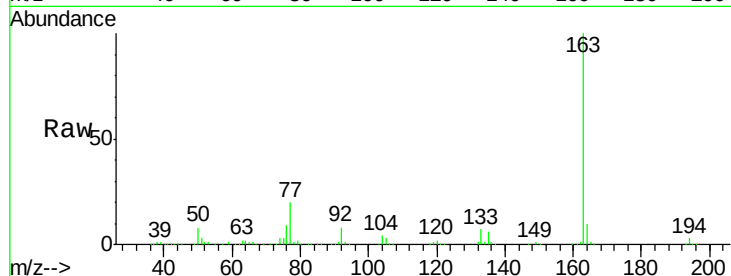




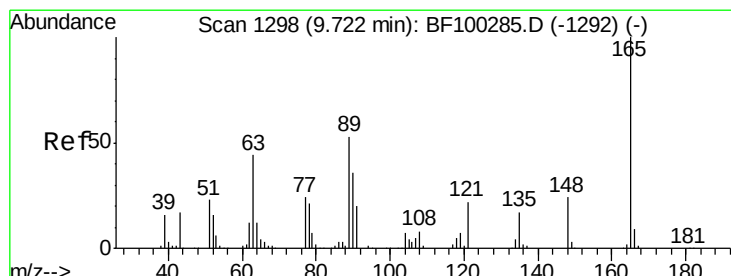
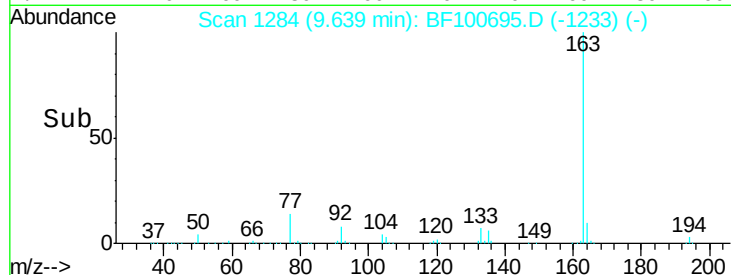
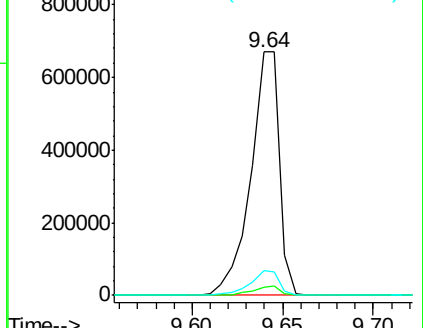
#49
Dimethylphthalate
Concen: 52.82 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tgt Ion:163 Resp: 737115
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.2 12.2

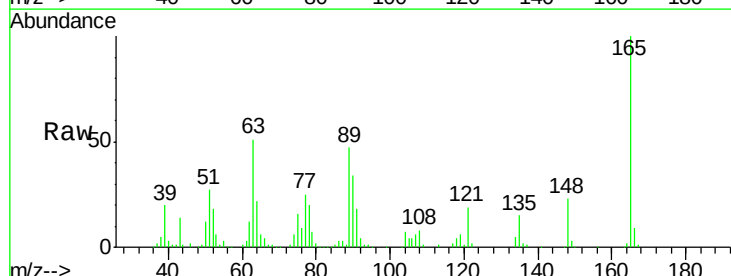


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

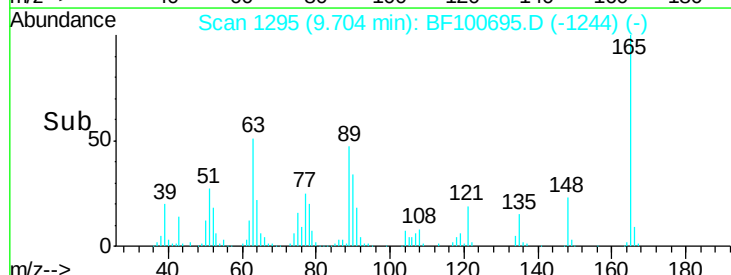
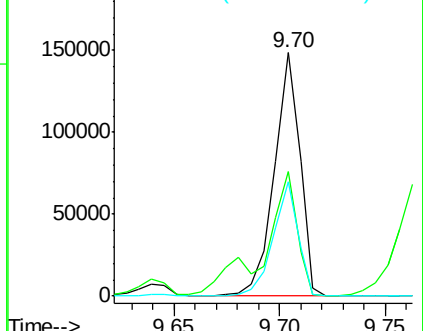


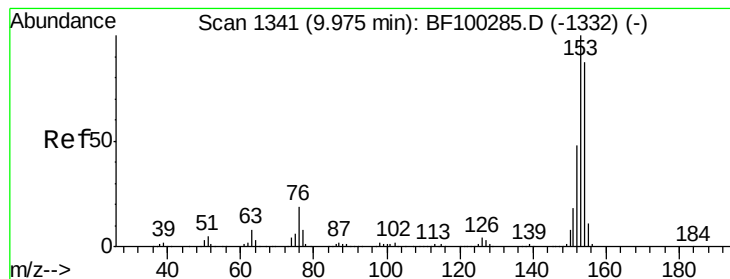
#50
2,6-Dinitrotoluene
Concen: 45.48 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion:165 Resp: 125645
Ion Ratio Lower Upper
165 100
63 51.1 44.7 67.1
89 47.0 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: 37.85 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

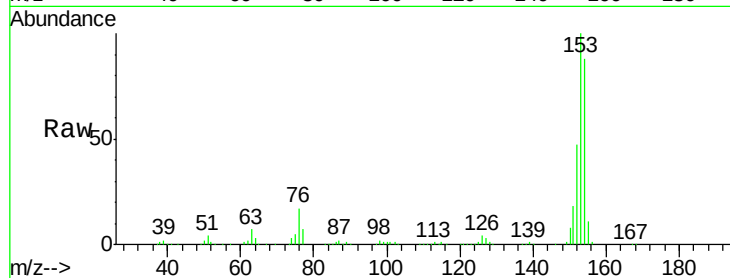
Tgt Ion:154 Resp: 437549

Ion Ratio Lower Upper

154 100

153 113.5 91.2 136.8

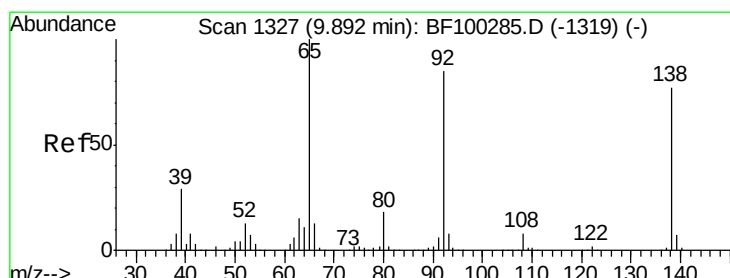
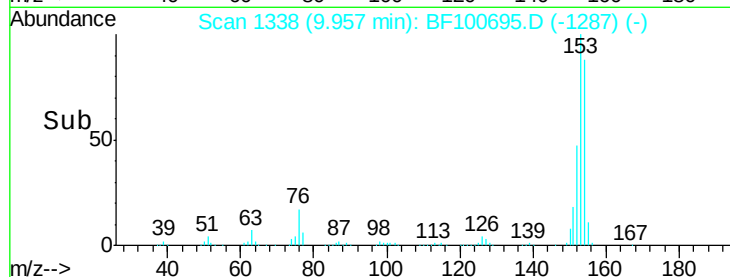
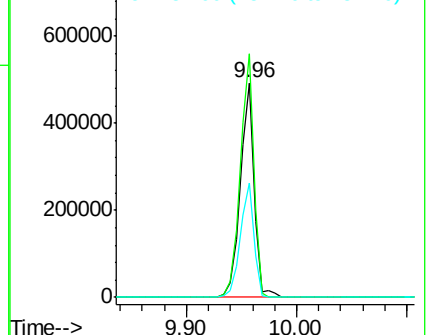
152 53.2 43.8 65.8



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: 30.11 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

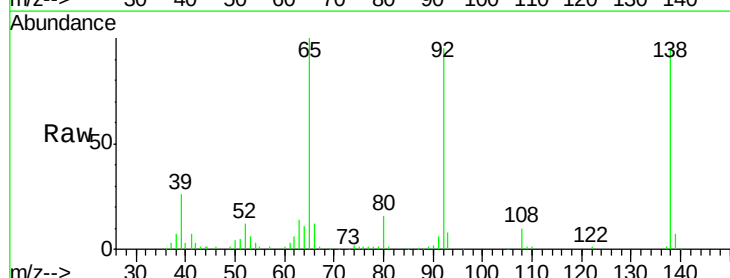
Tgt Ion:138 Resp: 98209

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

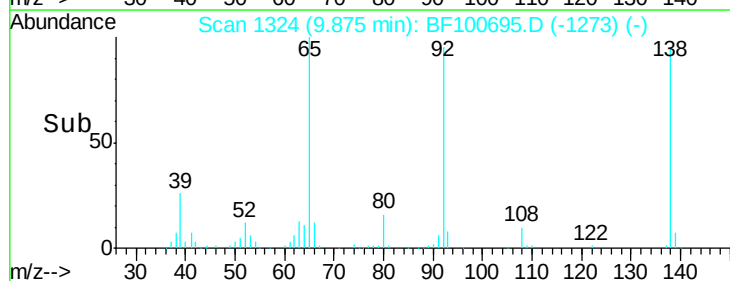
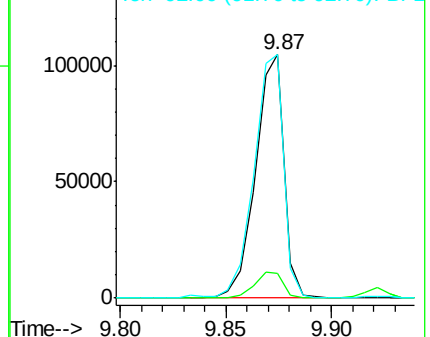
92 100.0 89.4 134.2

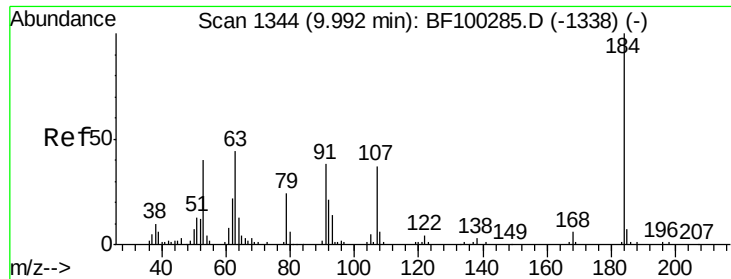


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

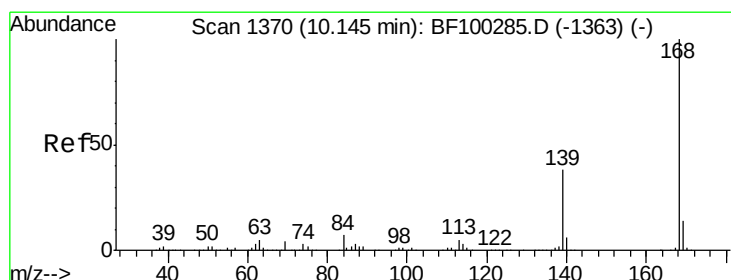
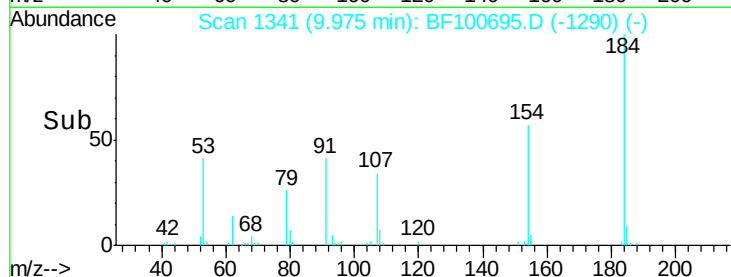
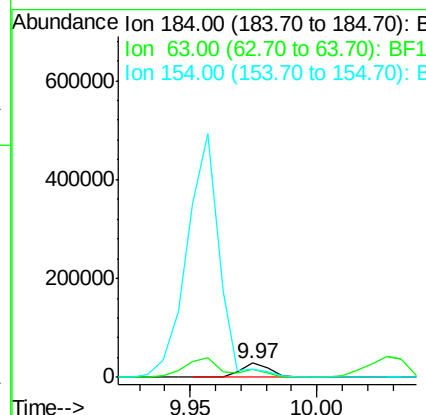
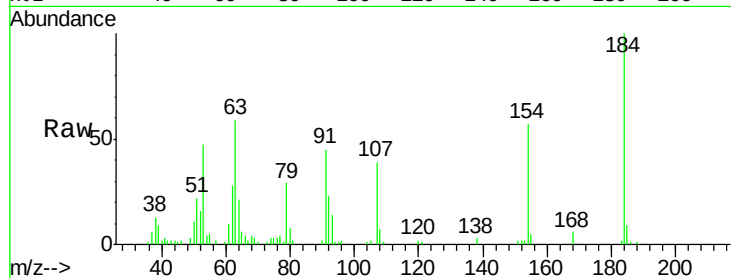




#53
2,4-Dinitrophenol
Concen: 31.00 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

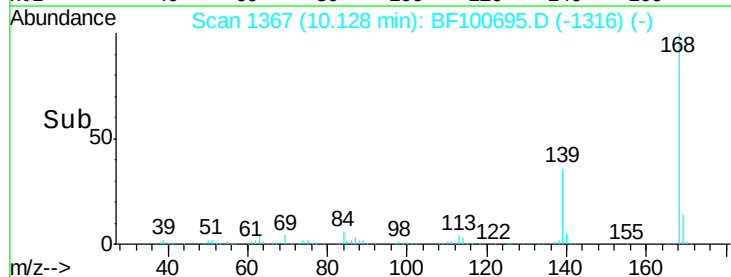
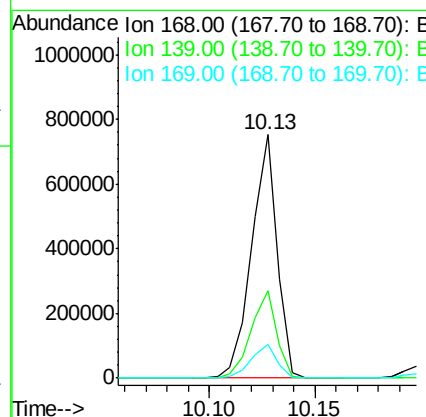
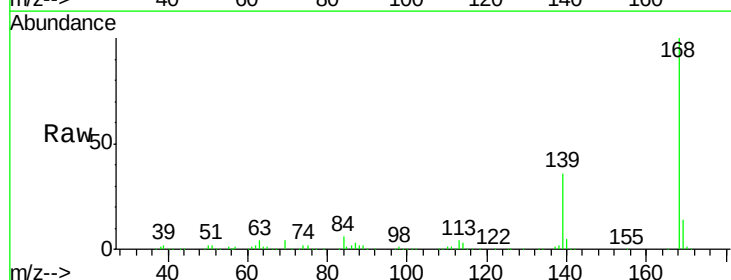
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

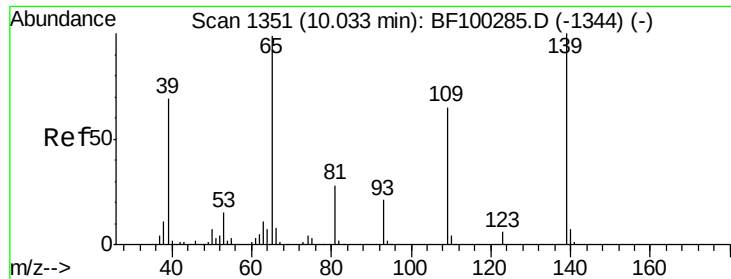
Tgt Ion:184 Resp: 23625
Ion Ratio Lower Upper
184 100
63 58.8 54.2 81.2
154 56.6 184.0 276.0#



#54
Dibenzofuran
Concen: 39.01 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion:168 Resp: 631950
Ion Ratio Lower Upper
168 100
139 36.1 30.1 45.1
169 13.7 10.9 16.3

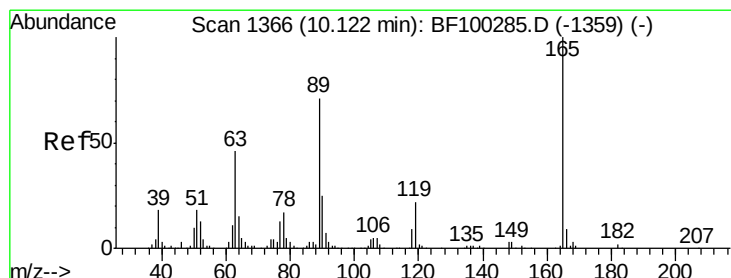
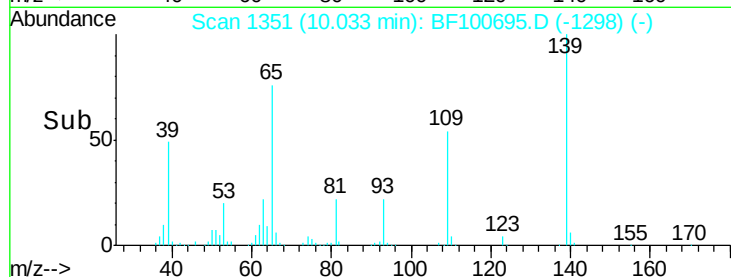
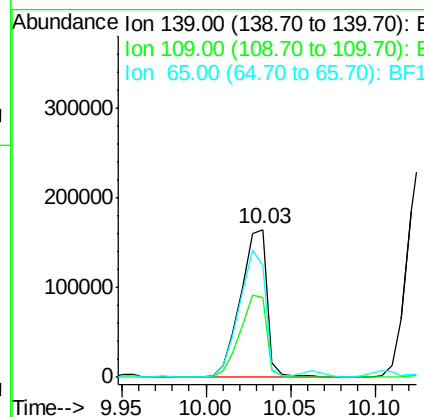
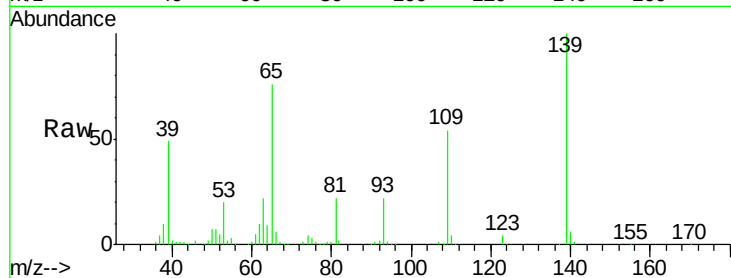




#55
4-Nitrophenol
Concen: 68.14 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

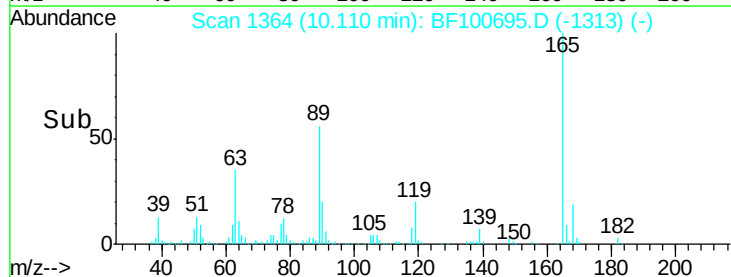
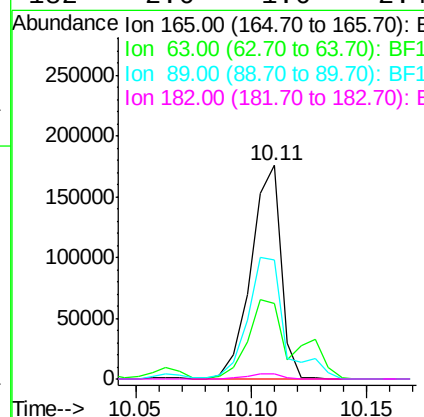
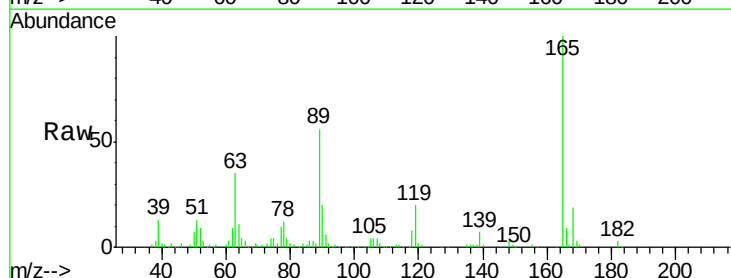
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

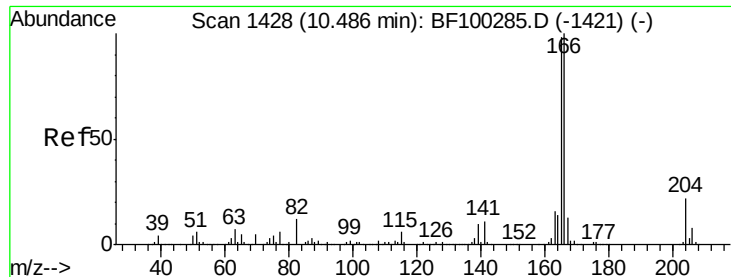
Tgt Ion:139 Resp: 180481
Ion Ratio Lower Upper
139 100
109 54.4 48.4 88.4
65 76.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 45.85 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion:165 Resp: 159786
Ion Ratio Lower Upper
165 100
63 35.1 36.4 54.6#
89 55.5 57.8 86.6#
182 2.6 1.6 2.4#

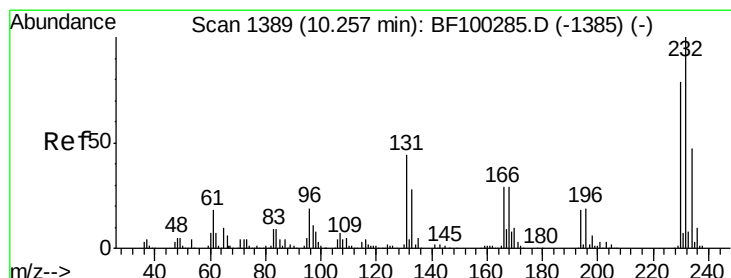
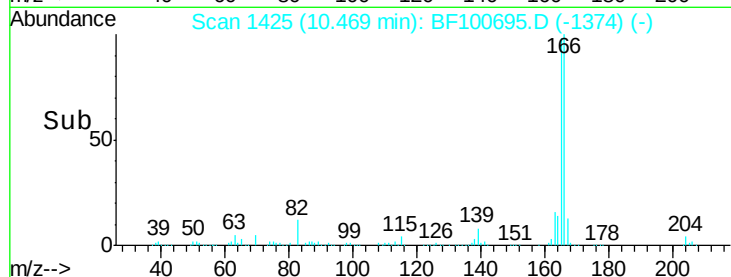
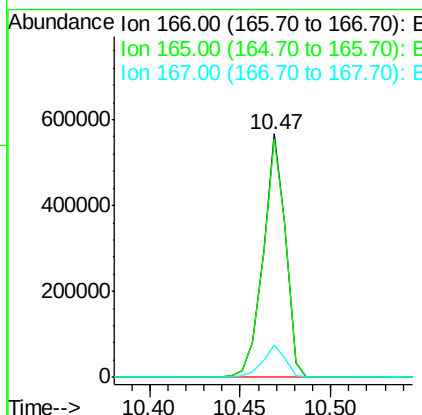
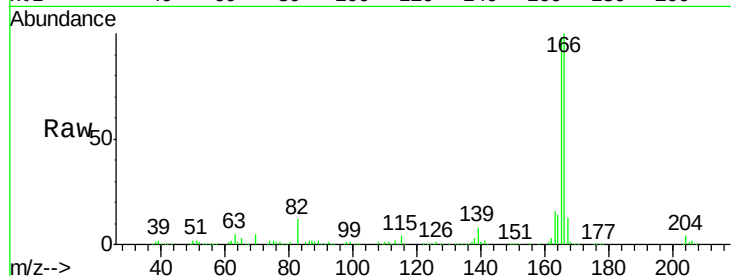




#57
 Fluorene
 Concen: 40.46 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

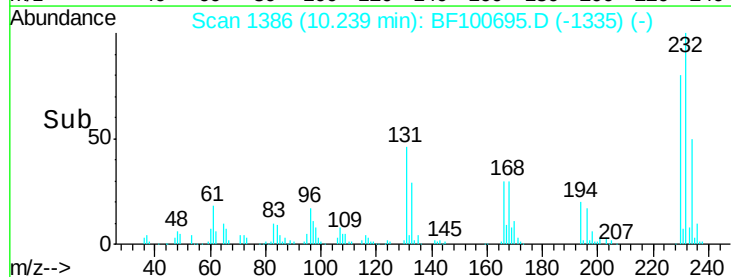
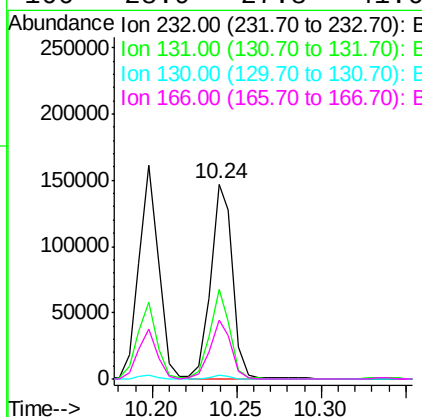
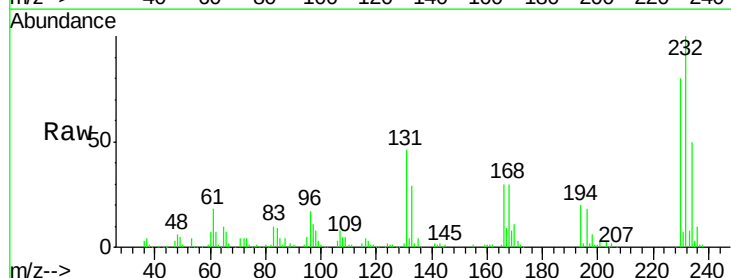
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

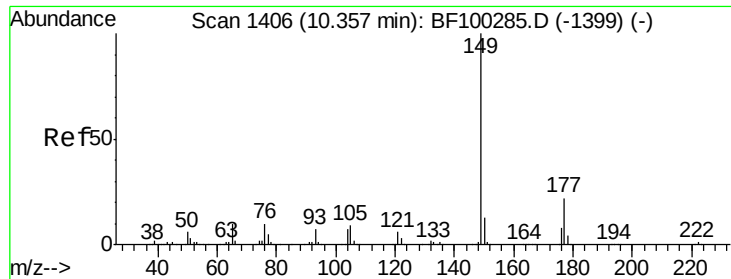
Tgt Ion:166 Resp: 480227
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.92 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion:232 Resp: 133488
 Ion Ratio Lower Upper
 232 100
 131 41.4 43.8 65.8#
 130 1.9 2.1 3.1#
 166 28.9 27.8 41.6





#59

Diethylphthalate

Concen: 38.43 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

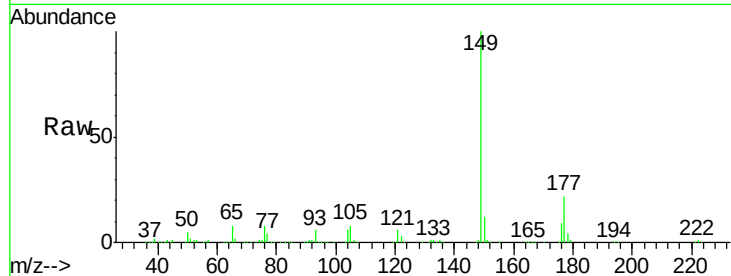
Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

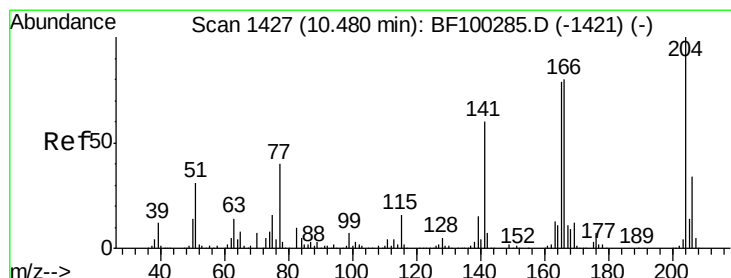
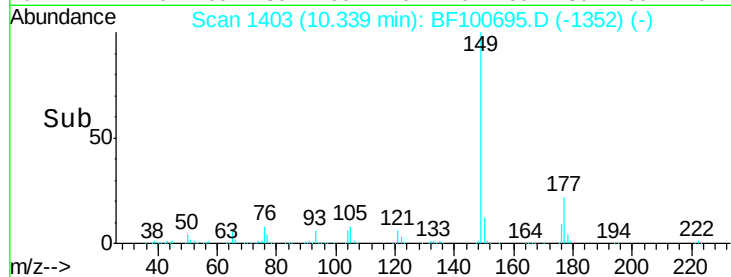
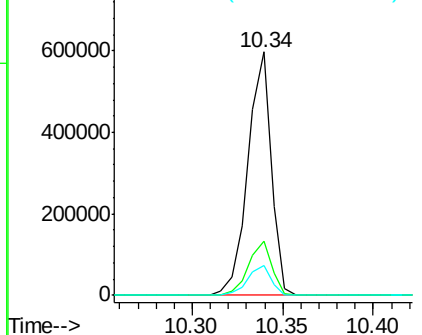
Tgt Ion:	149	Resp:	536630
Ion Ratio	Lower	Upper	
149	100		
177	22.3	16.1	24.1
150	12.3	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.36 ng

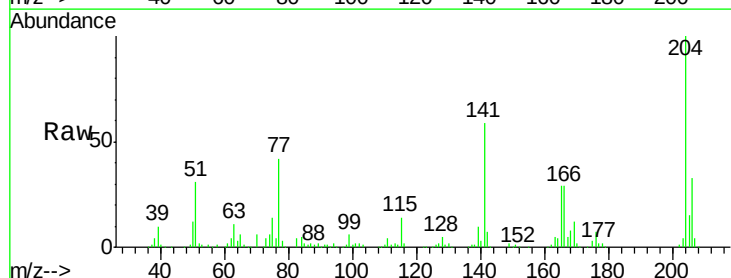
RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

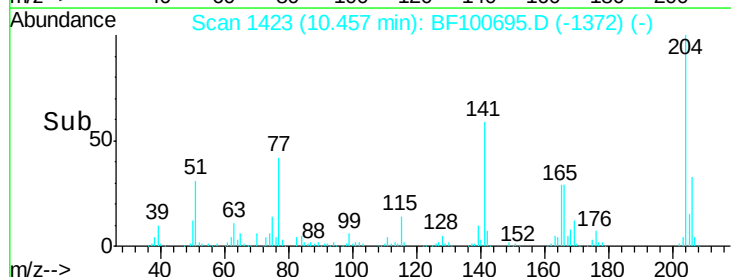
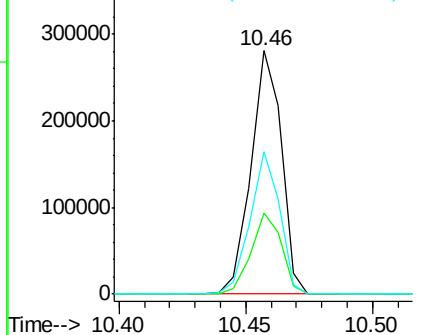
Tgt Ion:	204	Resp:	234969
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.5	39.7
141	58.8	54.6	81.8

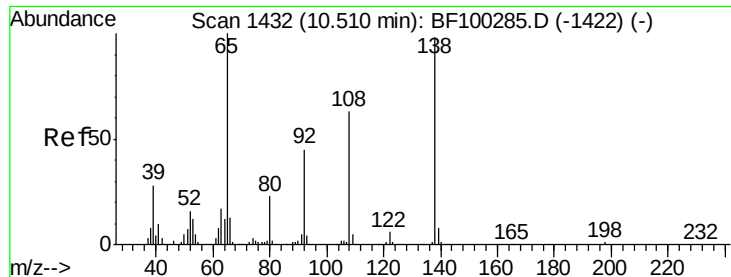


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

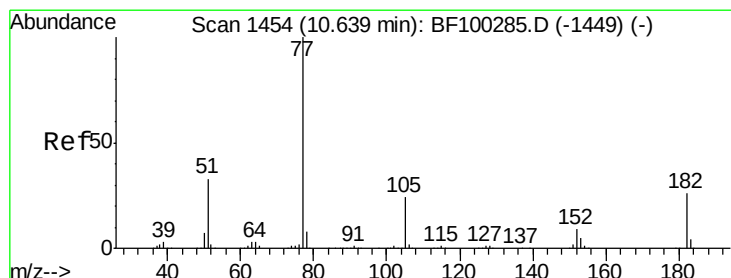
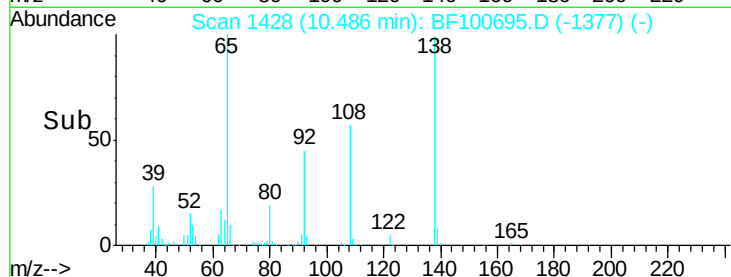
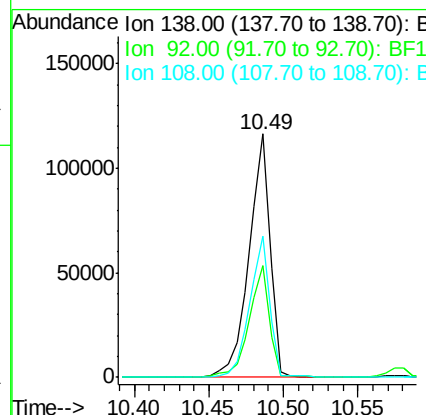
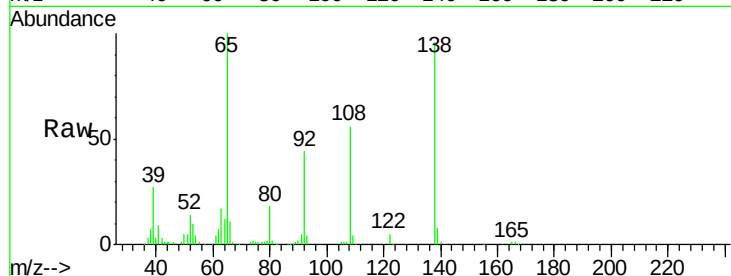




#61
4-Nitroaniline
Concen: 36.88 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

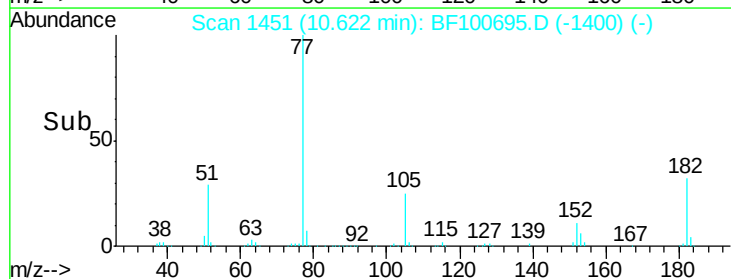
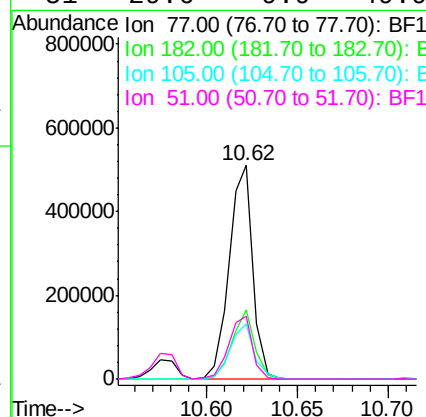
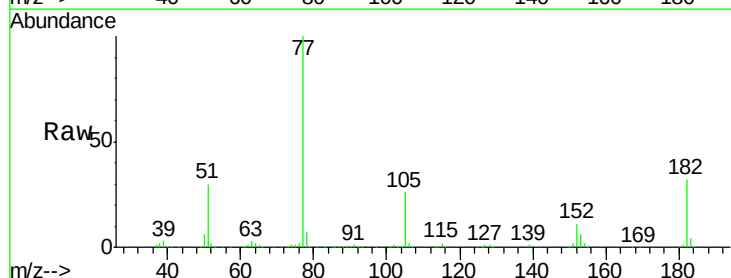
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

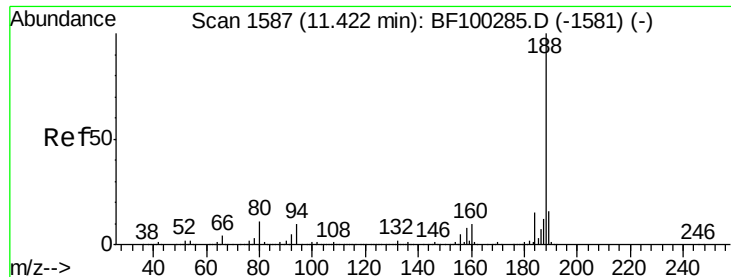
Tgt Ion: 138 Resp: 114079
Ion Ratio Lower Upper
138 100
92 45.8 30.2 70.2
108 58.3 52.5 92.5



#62
Azobenzene
Concen: 35.01 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion: 77 Resp: 460472
Ion Ratio Lower Upper
77 100
182 32.3 1.7 41.7
105 25.7 3.0 43.0
51 29.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

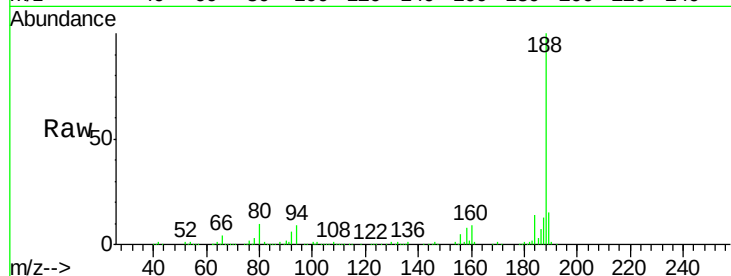
Tgt Ion:188 Resp: 305023

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

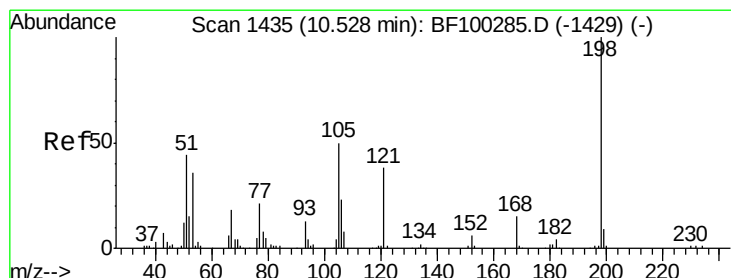
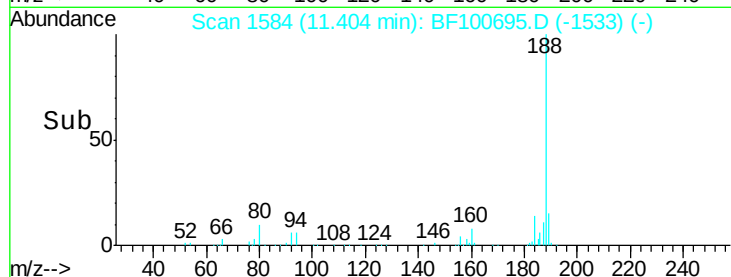
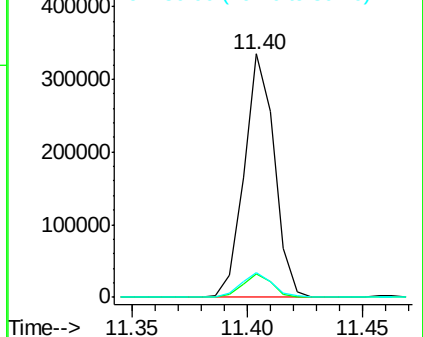
80 10.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 33.46 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

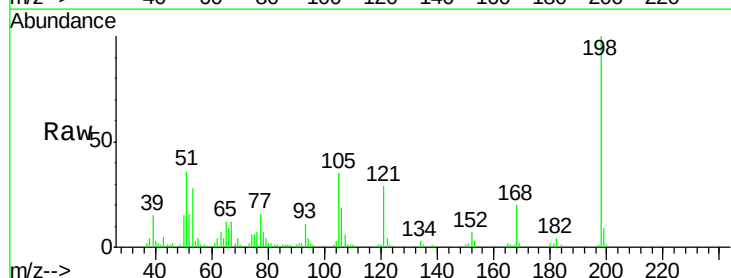
Tgt Ion:198 Resp: 46657

Ion Ratio Lower Upper

198 100

51 35.5 37.7 77.7#

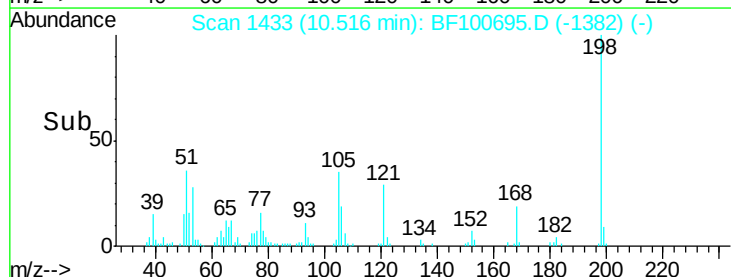
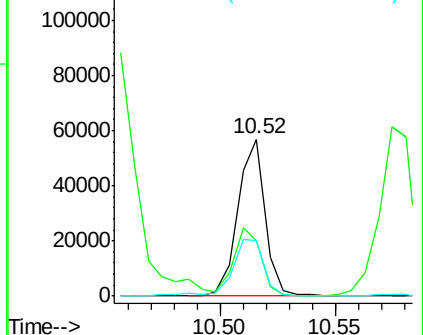
105 35.0 36.3 76.3#

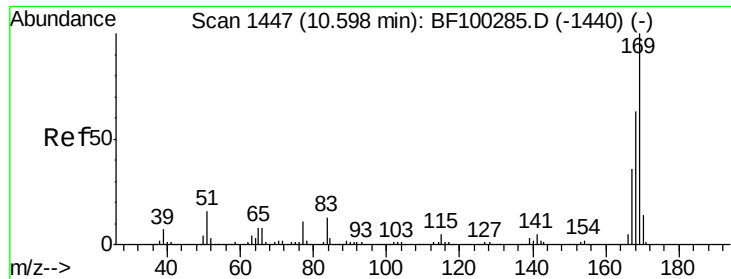


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

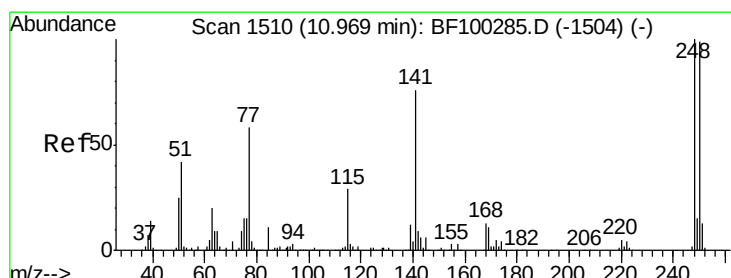
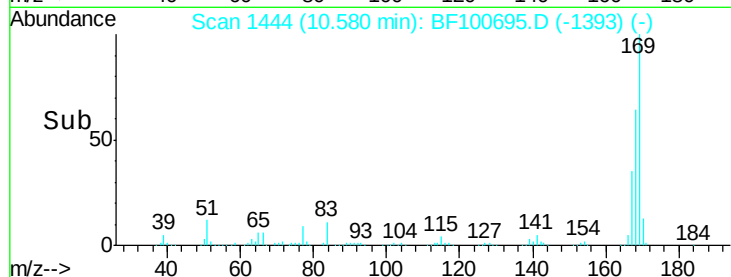
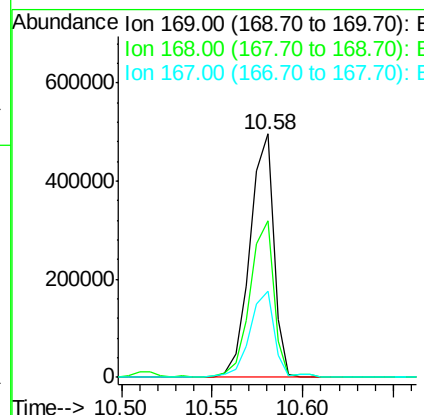
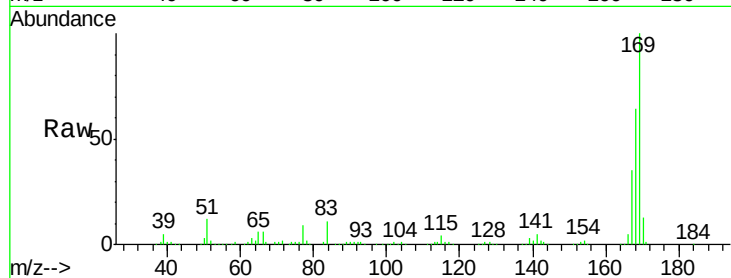




#65
 n-Nitrosodiphenylamine
 Concen: 42.87 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

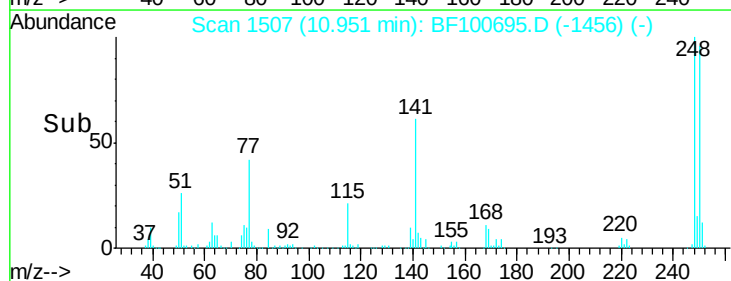
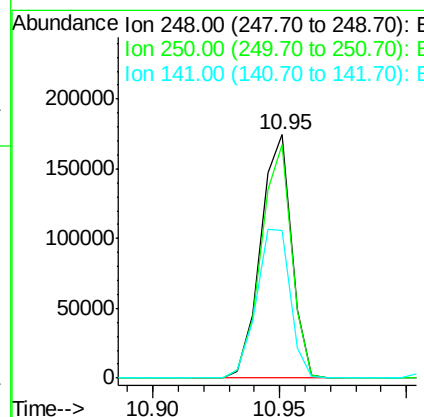
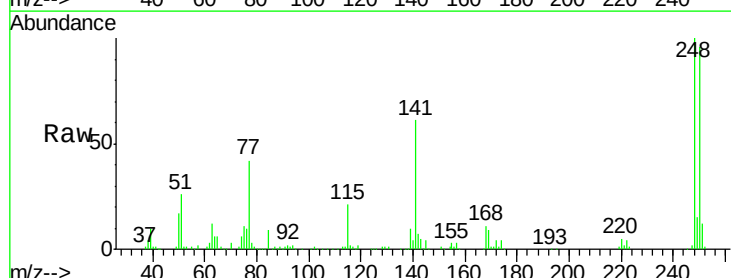
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

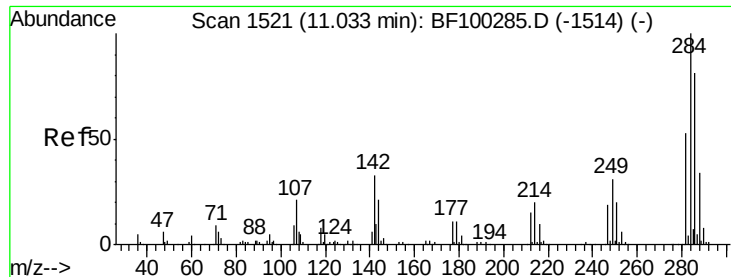
Tgt Ion:169 Resp: 454663
 Ion Ratio Lower Upper
 169 100
 168 64.4 54.4 81.6
 167 35.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.73 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion:248 Resp: 149540
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.9 115.3
 141 60.8 74.4 111.6#

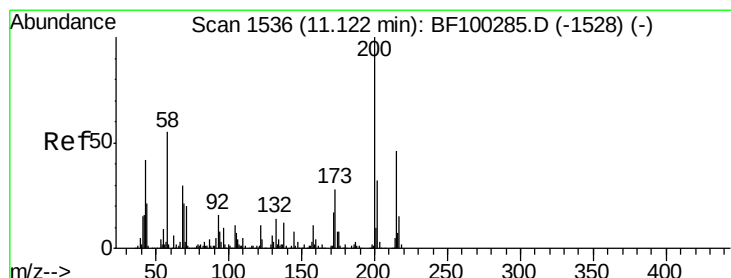
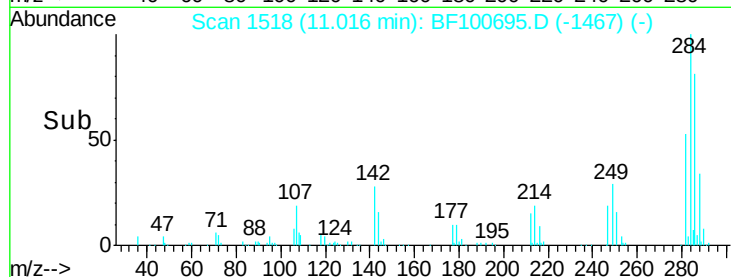
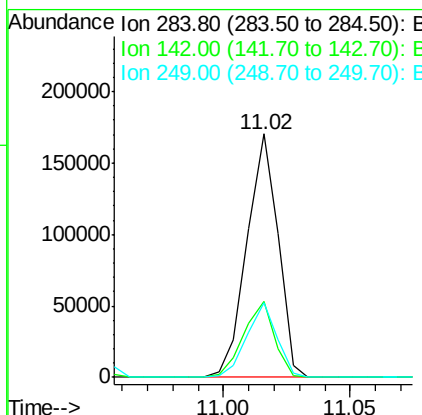
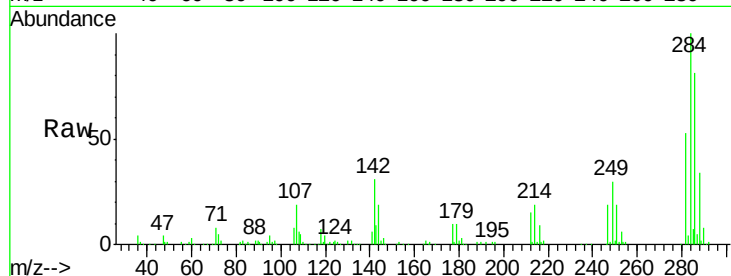




#67
Hexachlorobenzene
Concen: 42.69 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

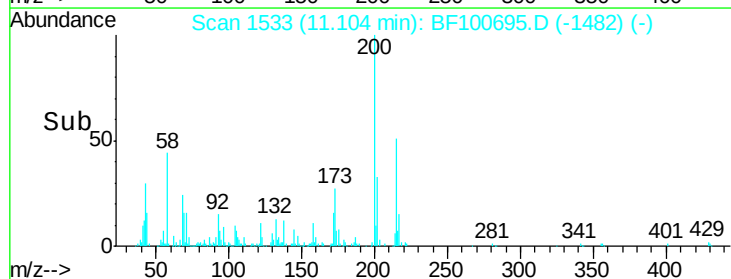
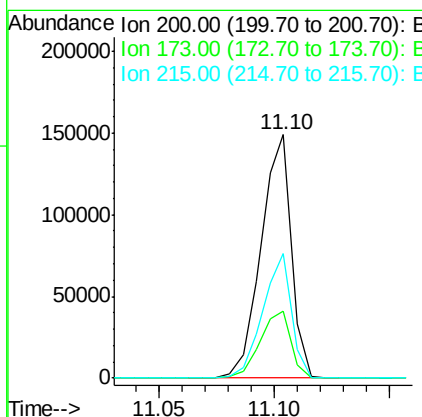
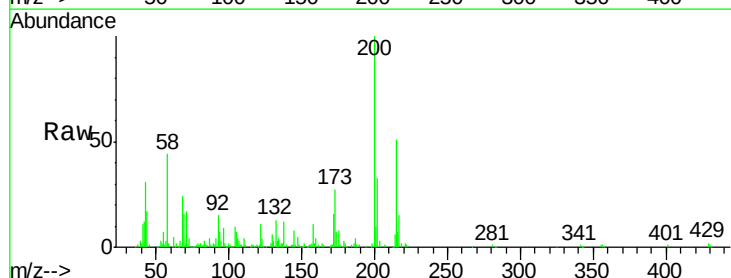
Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

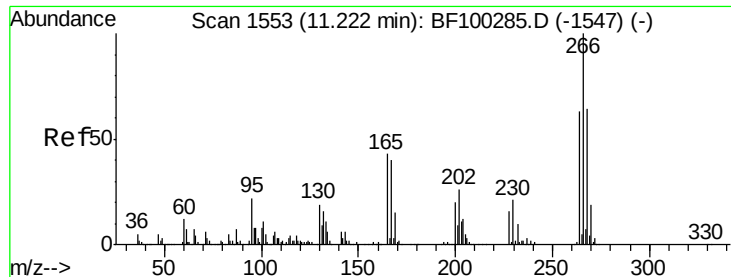
Tgt Ion: 284 Resp: 146008
Ion Ratio Lower Upper
284 100
142 31.2 34.6 52.0#
249 30.5 24.8 37.2



#68
Atrazine
Concen: 42.36 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF100695.D
Acq: 18 Nov 2017 1:05

Tgt Ion: 200 Resp: 135983
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 50.9 25.1 65.1

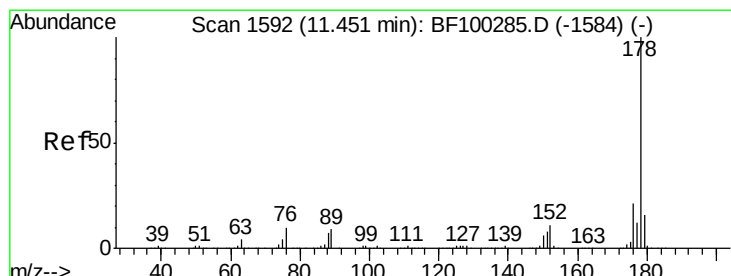
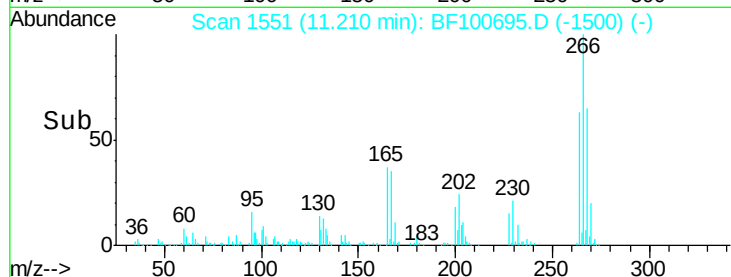
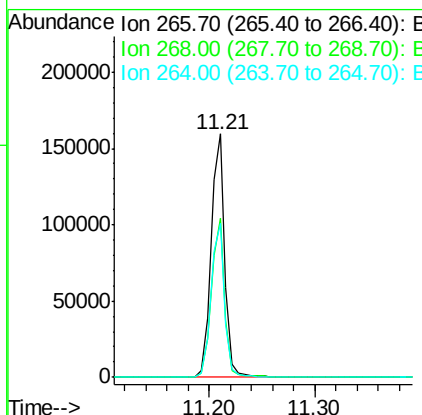
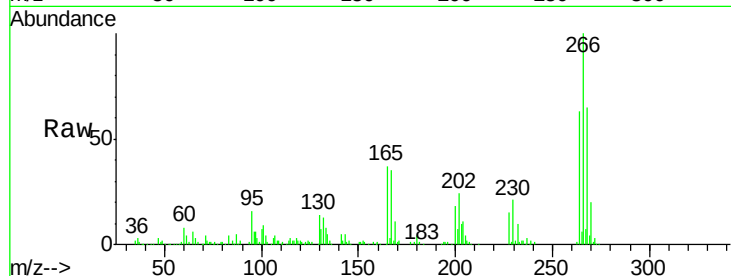




#69
 Pentachlorophenol
 Concen: 59.17 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

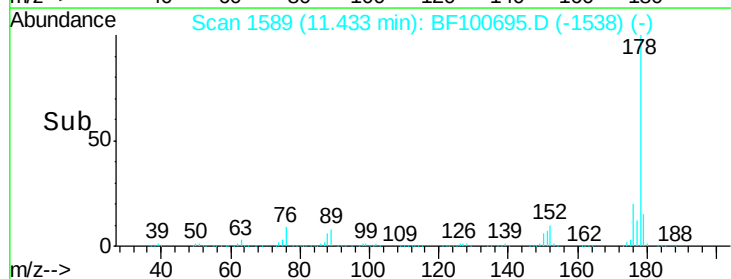
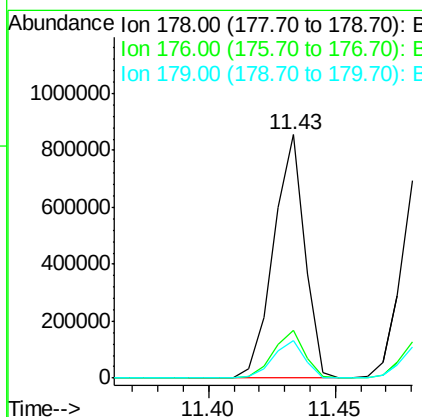
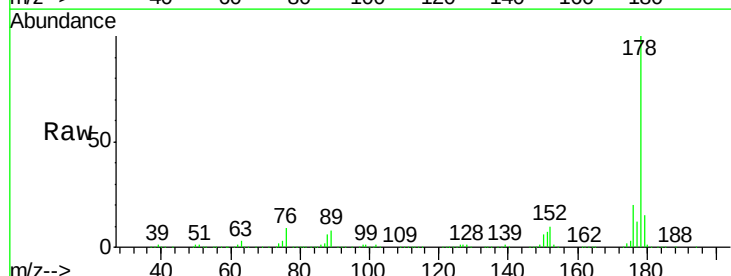
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

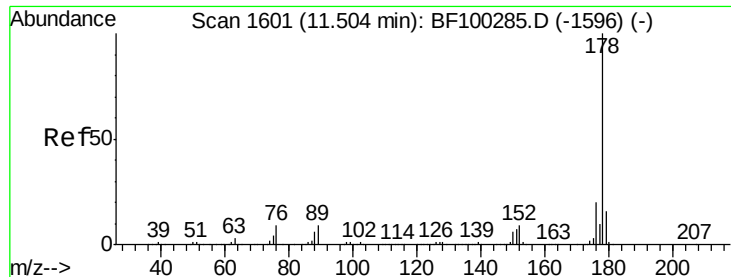
Tgt Ion: 266 Resp: 145103
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.1 76.7
 264 63.2 49.5 74.3



#70
 Phenanthrene
 Concen: 46.07 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion: 178 Resp: 739938
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.2 13.0 19.6

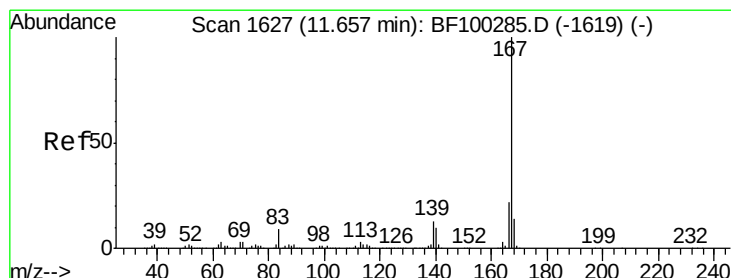
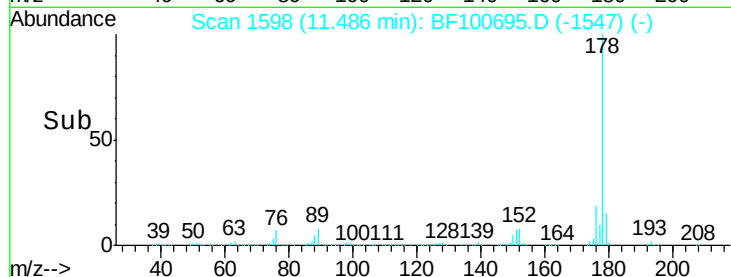
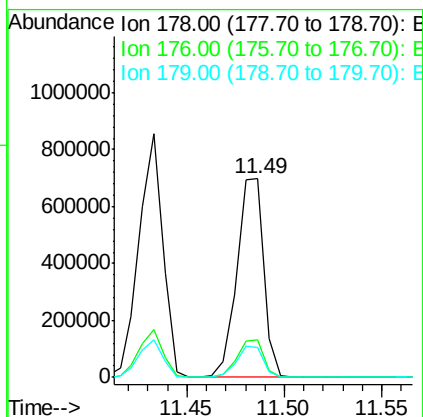
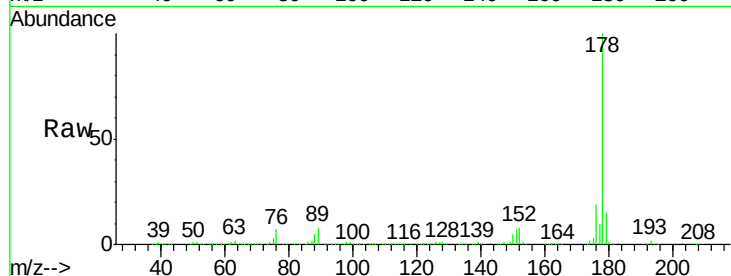




#71
 Anthracene
 Concen: 40.76 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

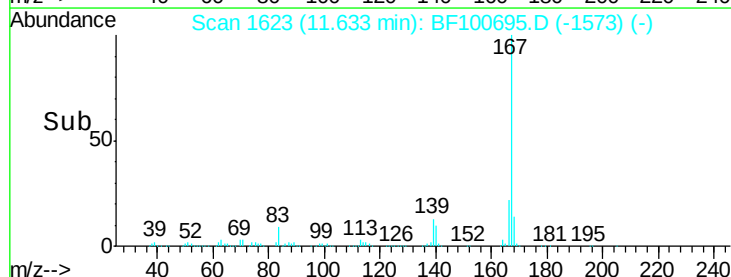
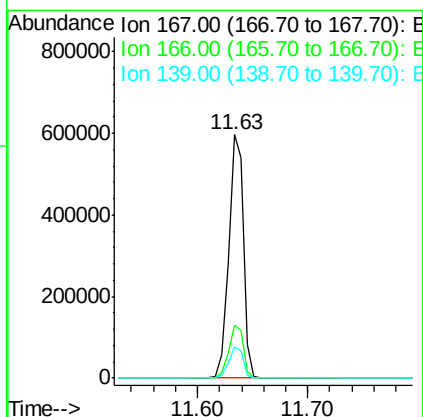
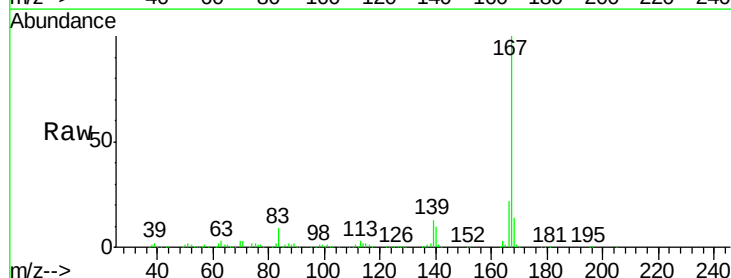
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

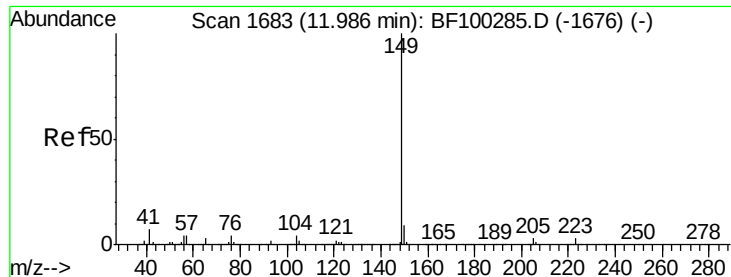
Tgt Ion:178 Resp: 664177
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 36.98 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion:167 Resp: 555943
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.03 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

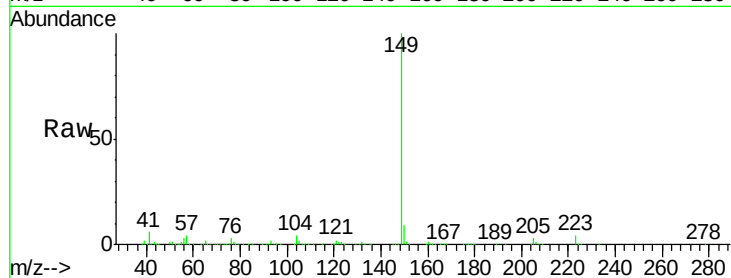
Tgt Ion:149 Resp: 721832

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

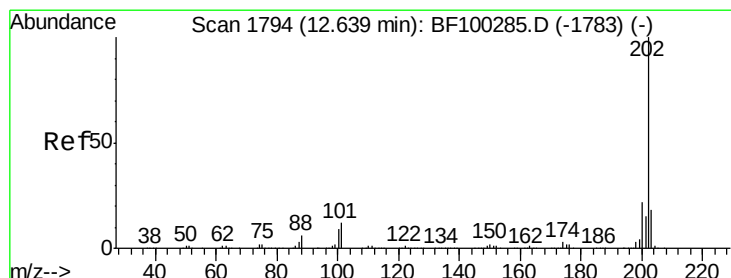
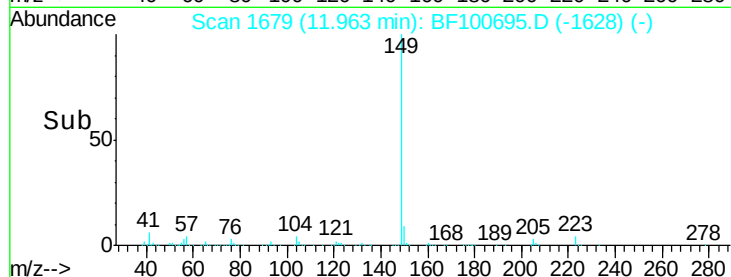
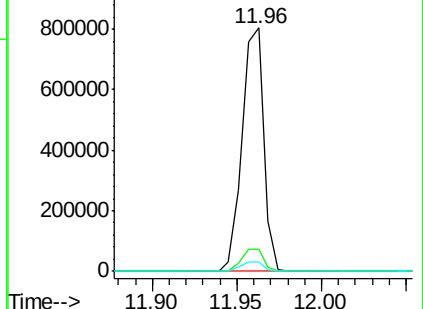
104 4.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.10 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

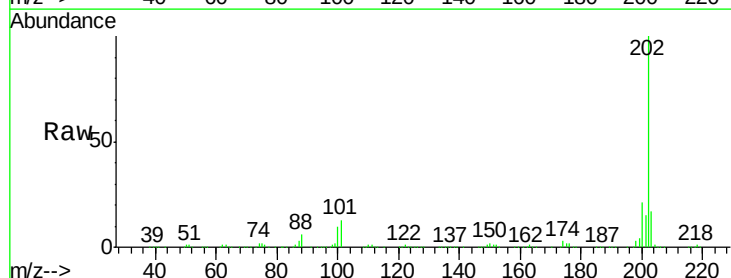
Tgt Ion:202 Resp: 665421

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

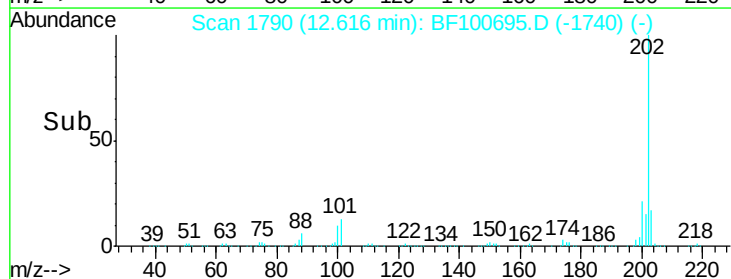
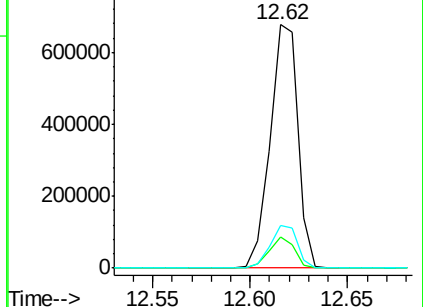
203 17.4 0.0 38.1

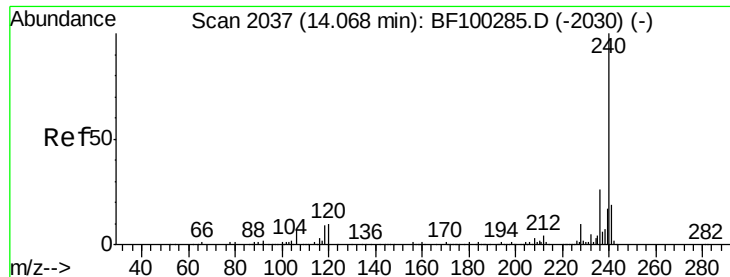


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

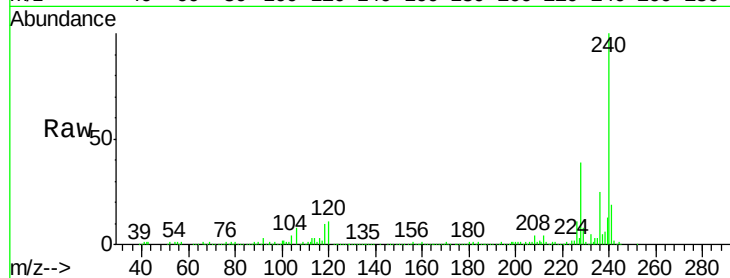
Tgt Ion:240 Resp: 212991

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

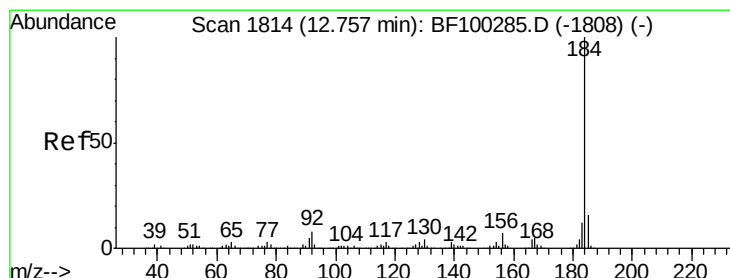
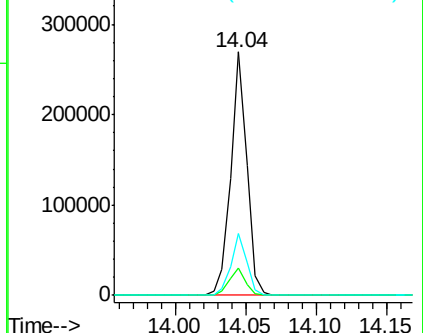
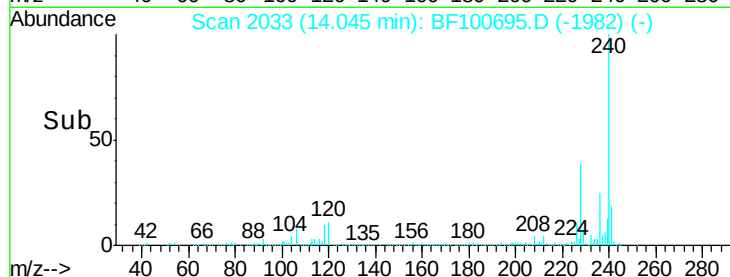
236 25.3 20.7 31.1



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: 24.91 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

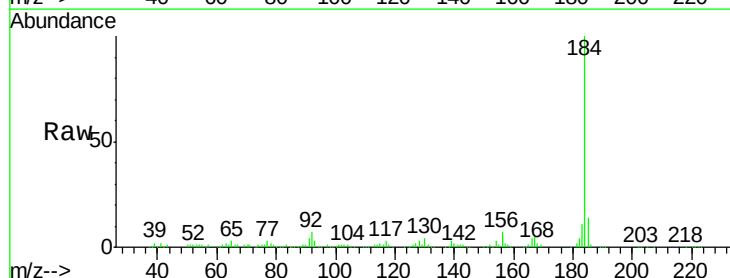
Tgt Ion:184 Resp: 212497

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

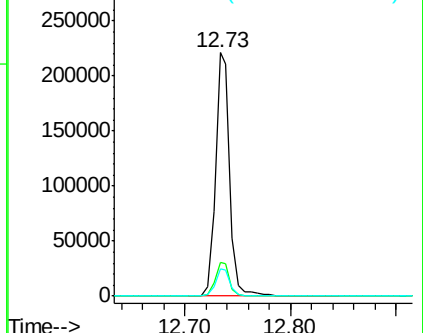
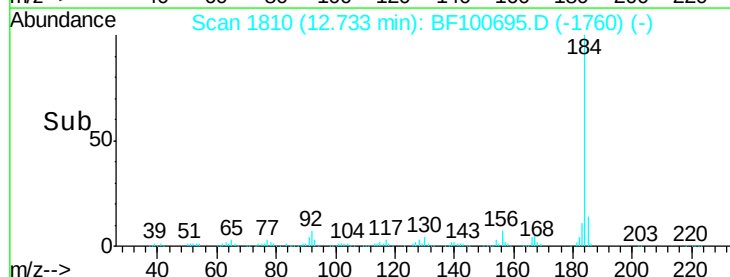
183 11.3 9.3 13.9

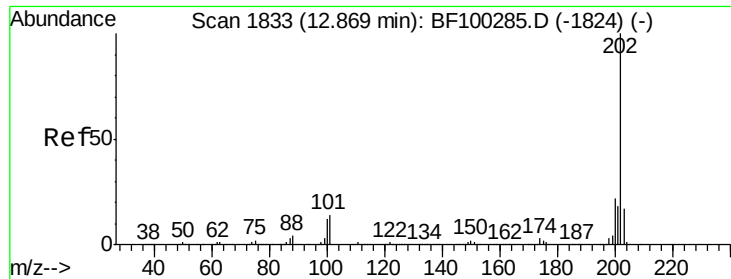


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

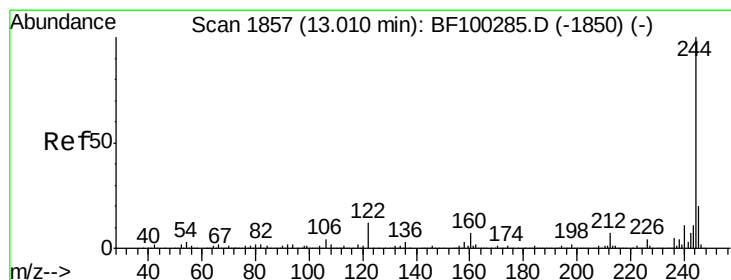
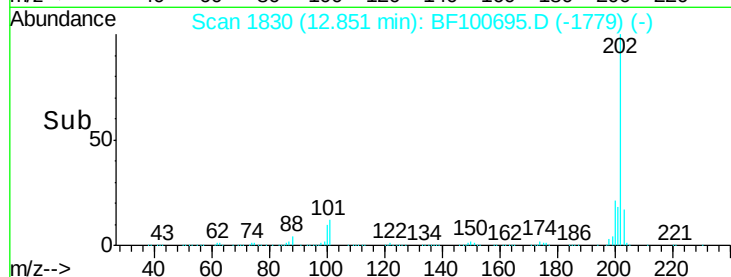
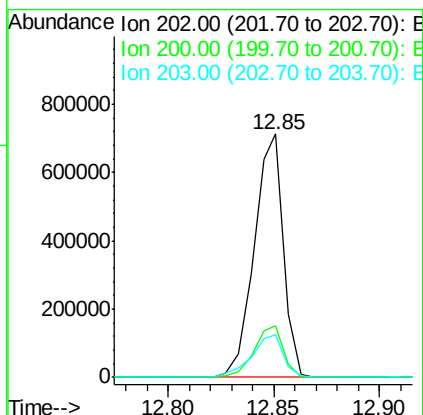
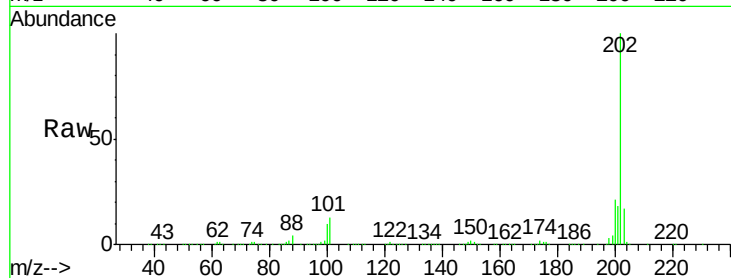




#77
 Pyrene
 Concen: 45.06 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

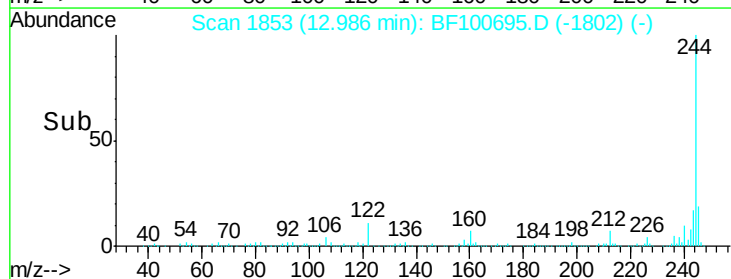
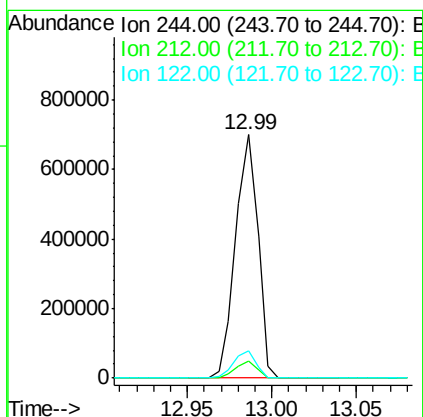
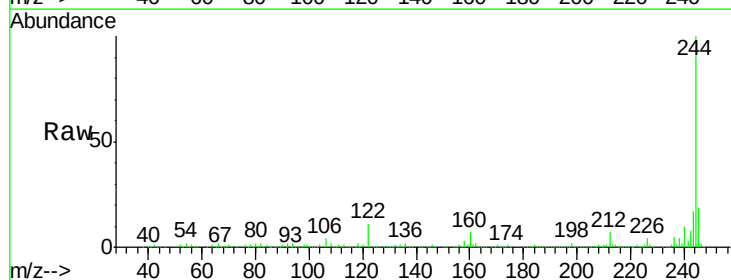
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

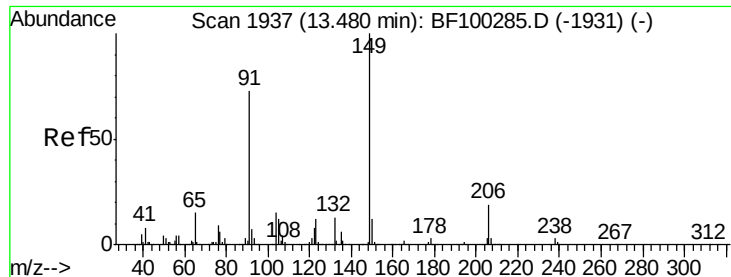
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.4	14.3	21.5



#78
 Terphenyl-d14
 Concen: 69.72 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.2	11.0	16.4





#79

Butylbenzylphthalate

Concen: 39.02 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

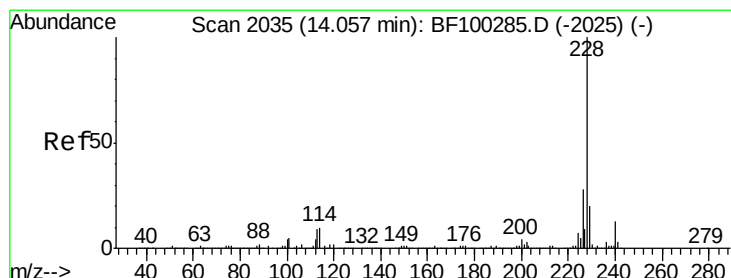
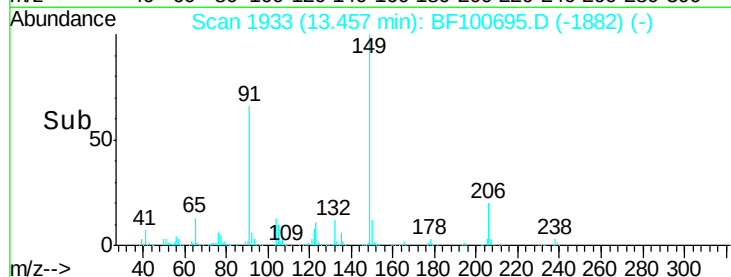
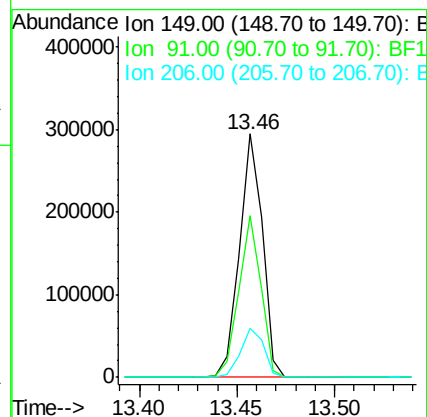
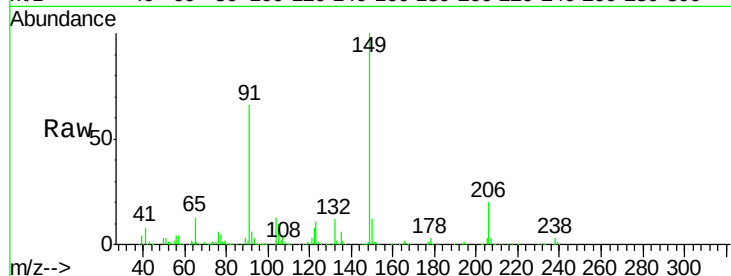
Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

Tgt Ion:	149	Resp:	241633
Ion Ratio	Lower	Upper	
149	100		
91	66.3	56.8	85.2
206	20.2	14.1	21.1



#80

Benzo(a)anthracene

Concen: 44.70 ng

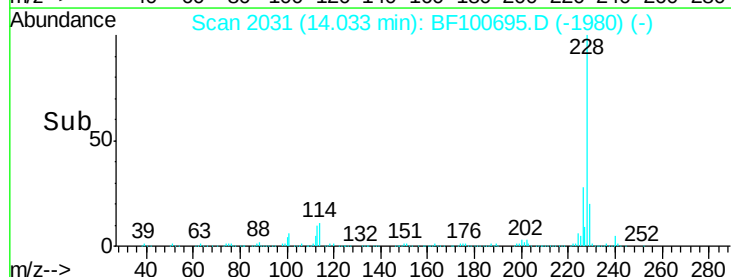
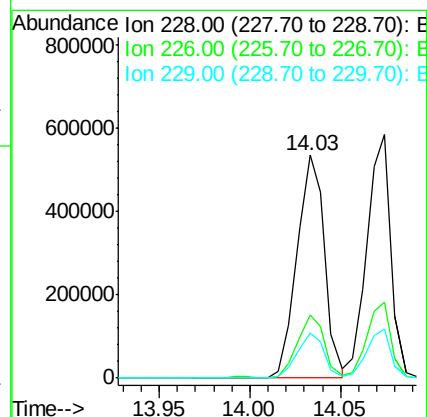
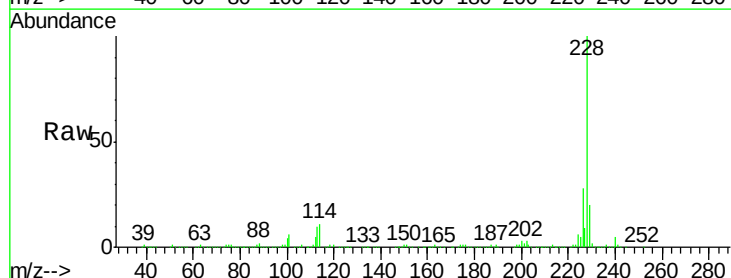
RT: 14.03 min Scan# 2031

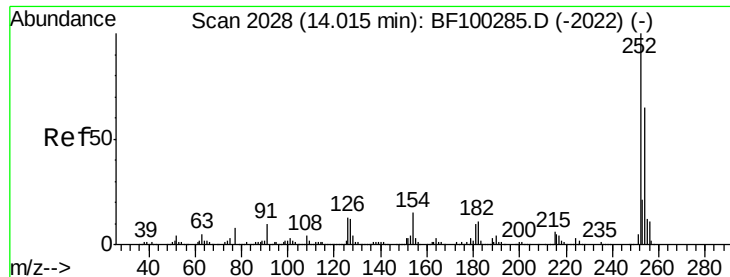
Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:	228	Resp:	573272
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	20.1	15.8	23.6

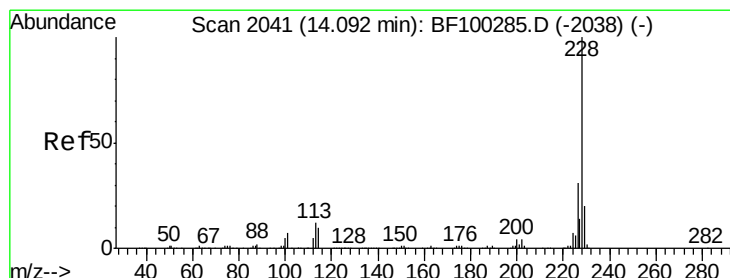
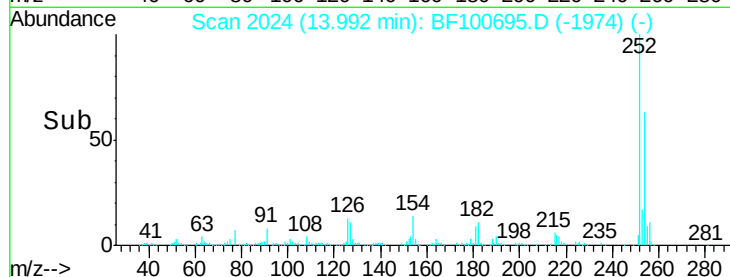
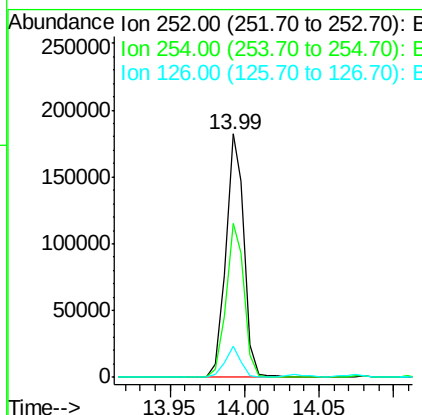
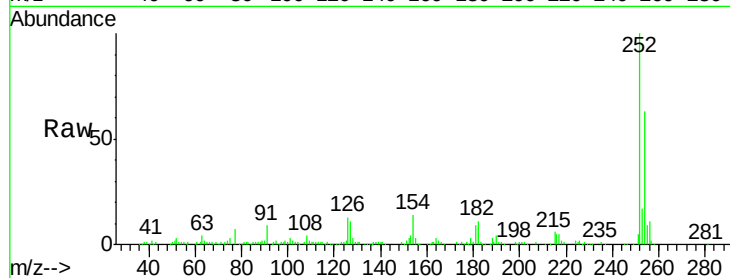




#81
 3,3'-Dichlorobenzidine
 Concen: 34.42 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

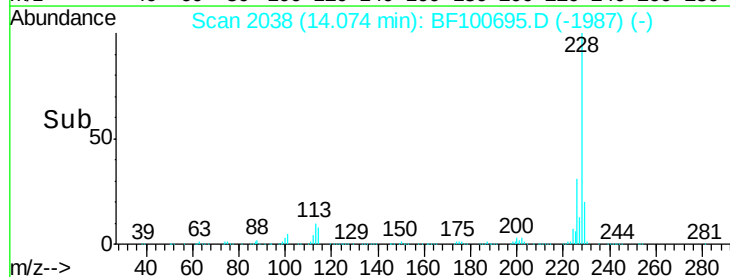
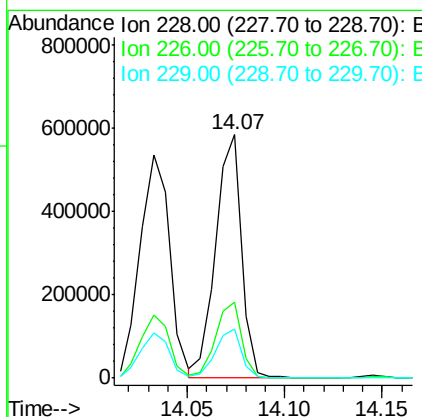
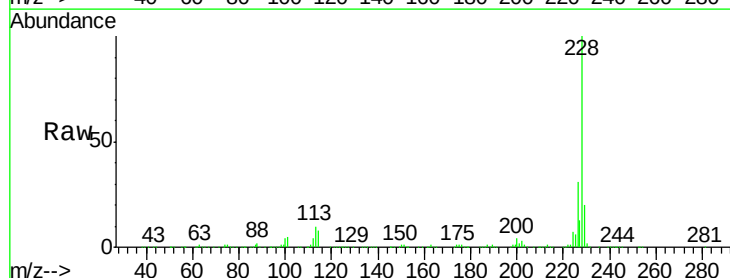
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

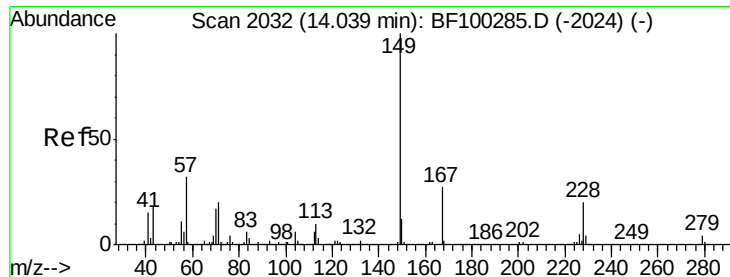
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.4	75.6
126	12.6	11.3	16.9



#82
 Chrysene
 Concen: 43.15 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.98 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

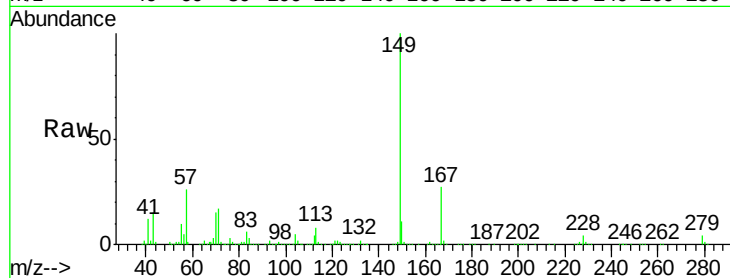
Tgt Ion:149 Resp: 374475

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

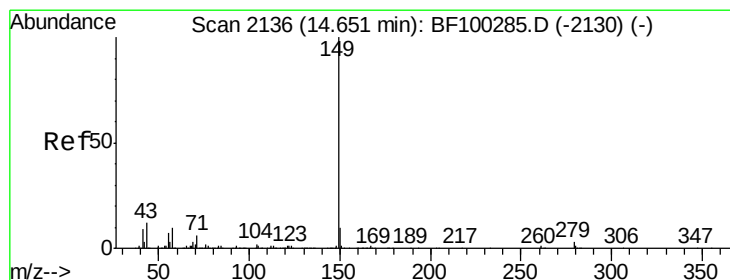
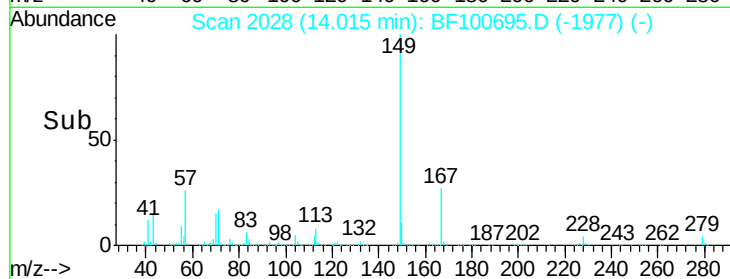
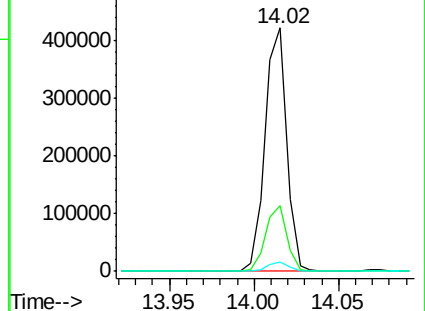
279 4.0 3.0 4.4



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: 42.29 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

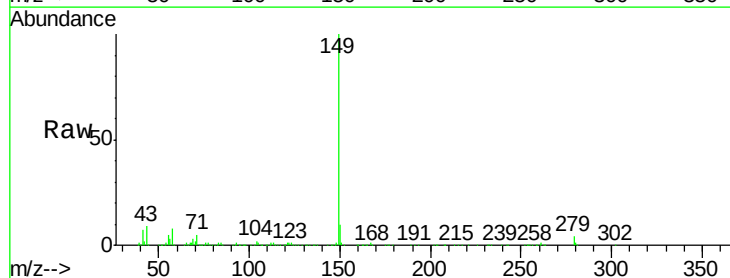
Tgt Ion:149 Resp: 591688

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

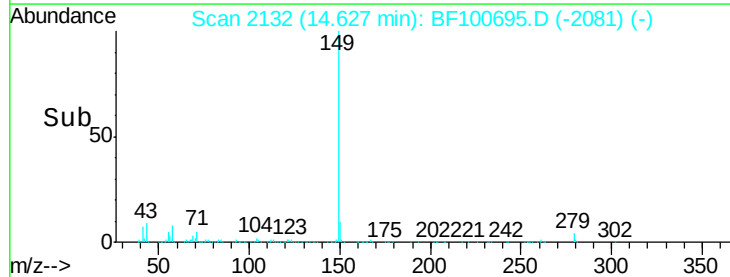
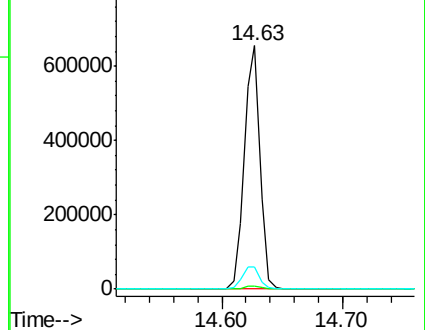
43 9.6 8.4 12.6

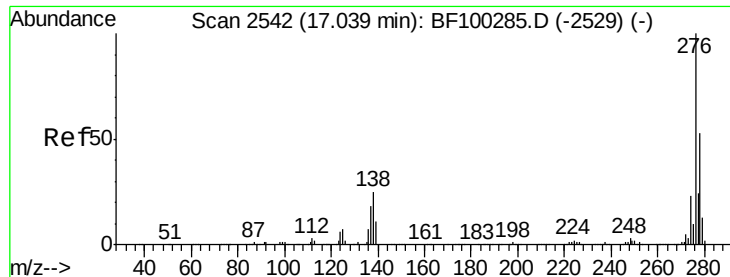


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

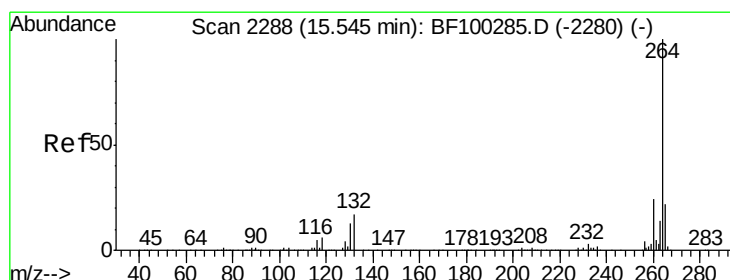
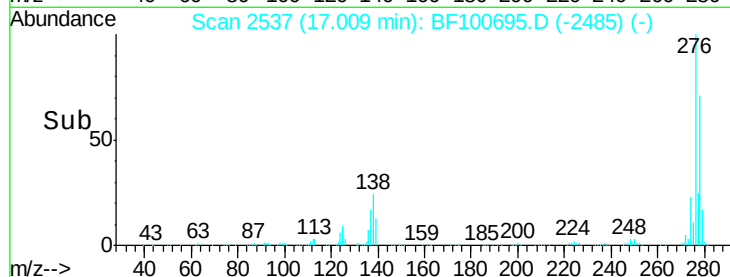
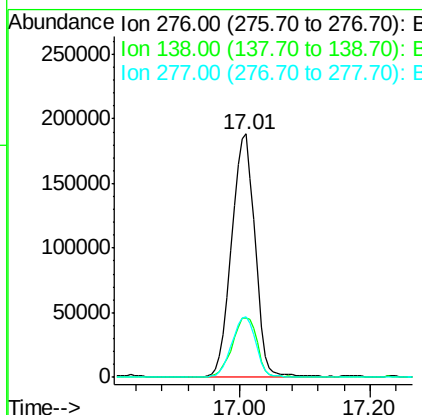
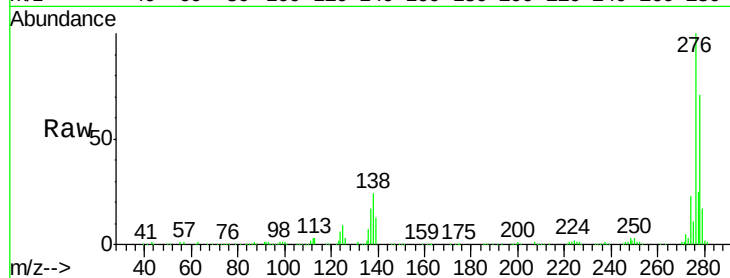




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.07 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. 0.01 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

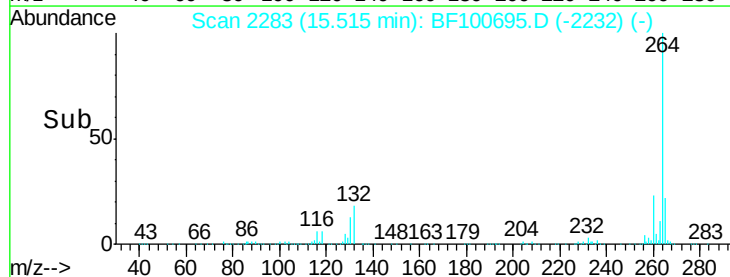
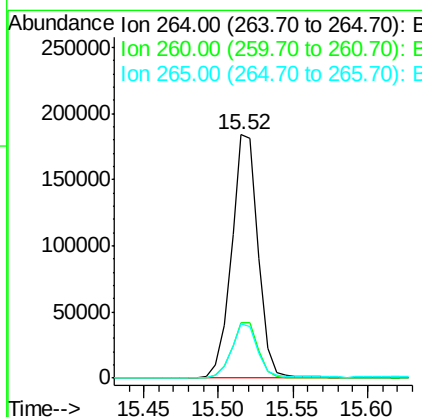
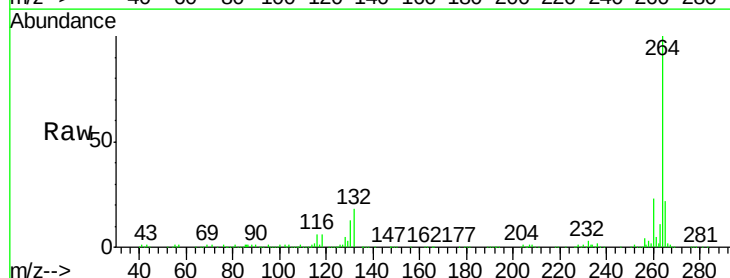
Instrument :
 BNA_F
 ClientSampleId :
 LEW-1-E(7-8)MSD

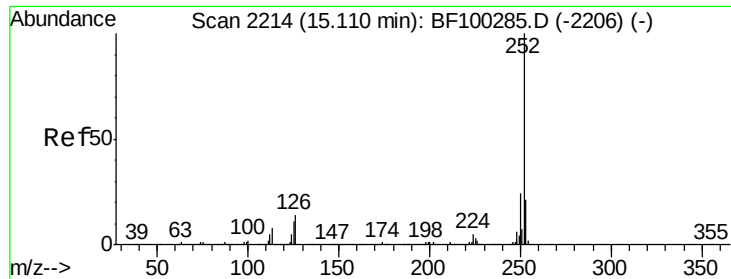
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	25.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF100695.D
 Acq: 18 Nov 2017 1:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.32 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.00 min

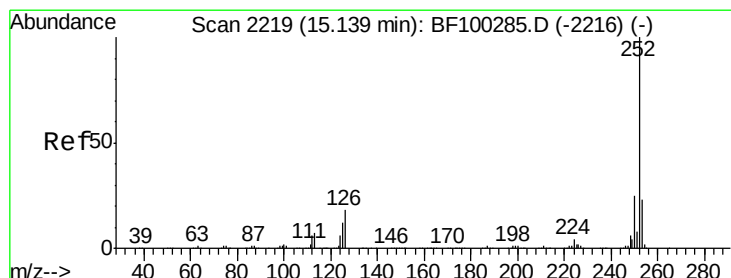
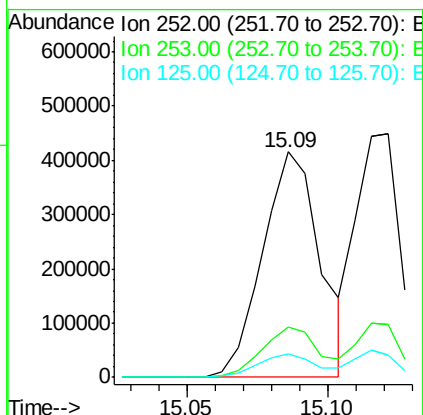
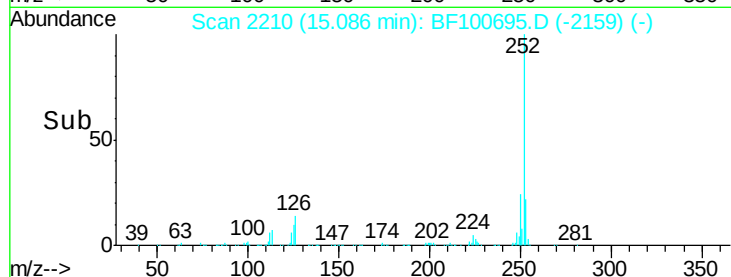
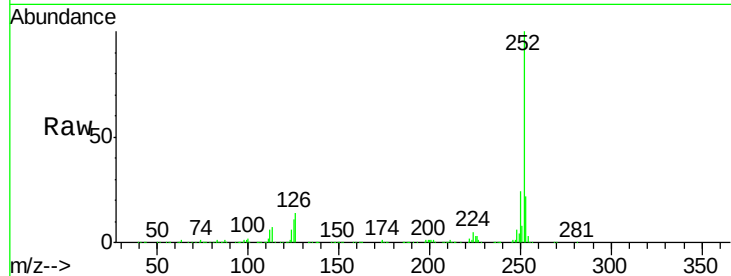
Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :
BNA_F
ClientSampleId :
LEW-1-E(7-8)MSD

Tgt Ion:252 Resp: 589155

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.5	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 45.85 ng

RT: 15.09 min Scan# 2210

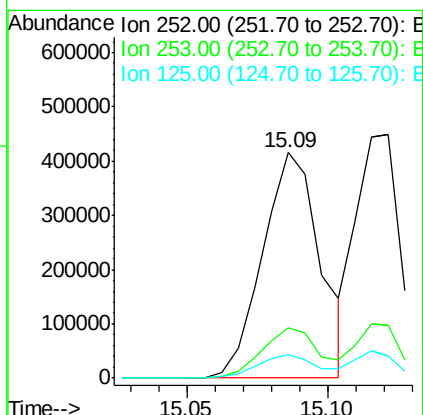
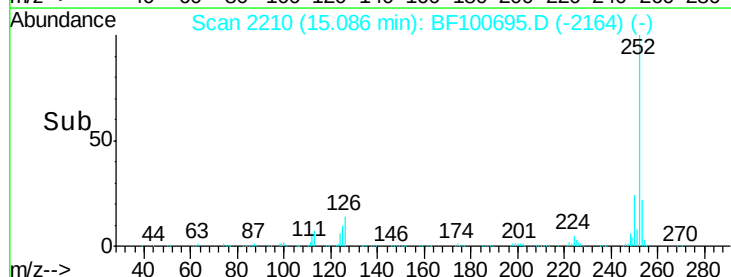
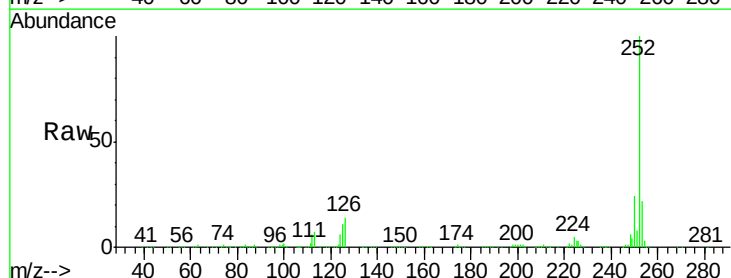
Delta R.T. -0.03 min

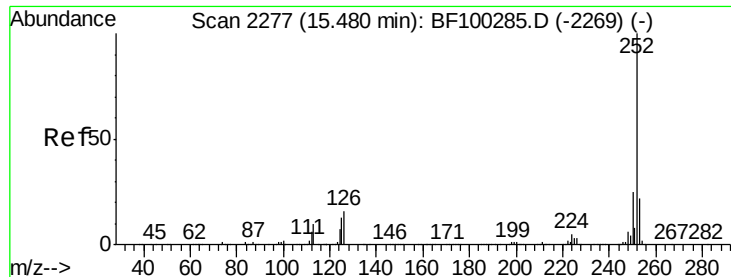
Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Tgt Ion:252 Resp: 589155

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.5	10.2	15.2





#89

Benzo(a)pyrene

Concen: 43.44 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

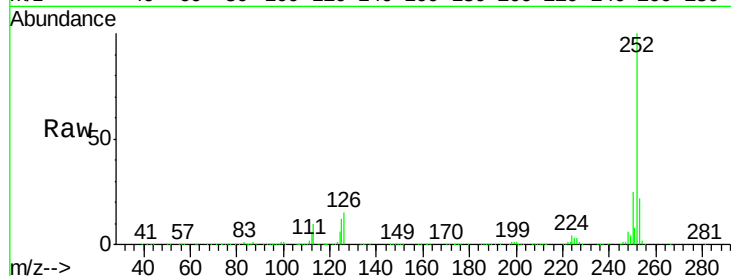
Tgt Ion:252 Resp: 523761

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

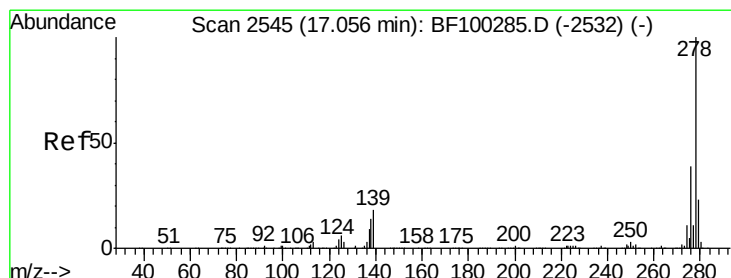
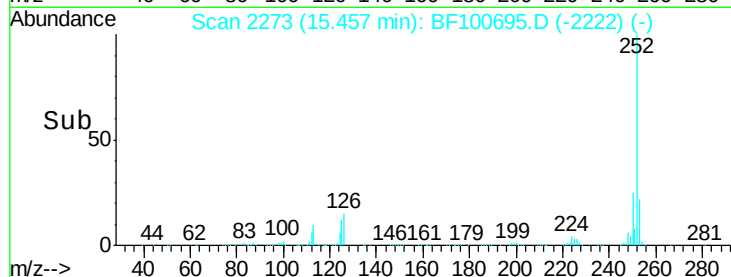
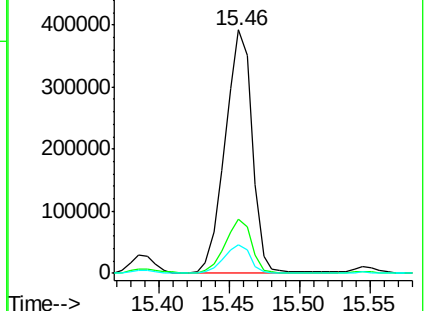
125 11.9 9.8 14.6



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: 39.10 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

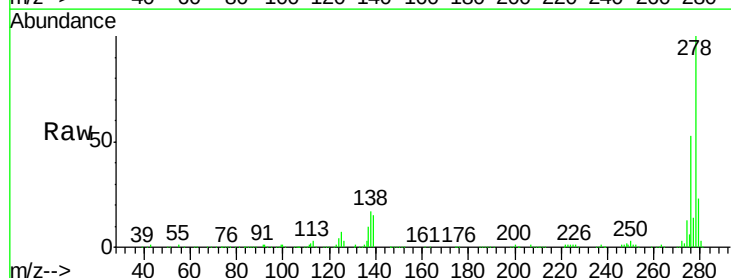
Tgt Ion:278 Resp: 385499

Ion Ratio Lower Upper

278 100

139 15.3 15.9 23.9#

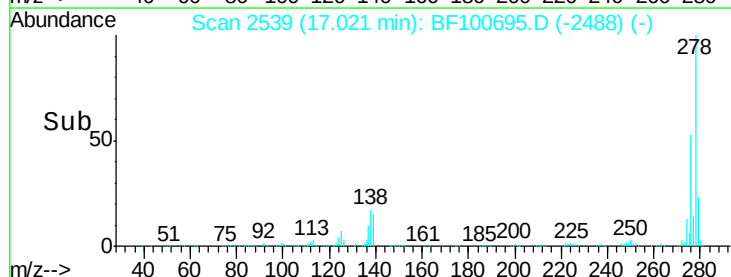
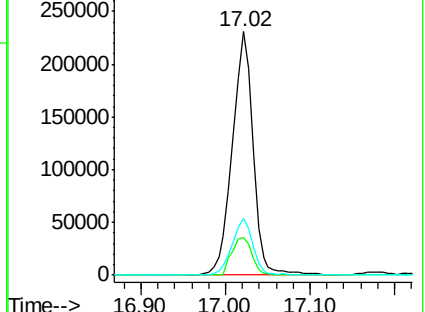
279 23.5 19.0 28.4

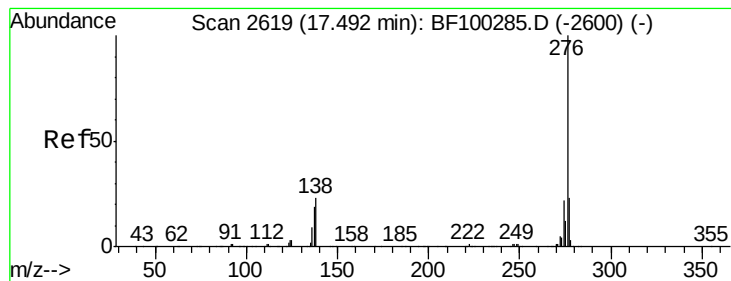


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.11 ng

RT: 17.46 min Scan# 2613

Delta R.T. -0.00 min

Lab File: BF100695.D

Acq: 18 Nov 2017 1:05

Instrument :

BNA_F

ClientSampleId :

LEW-1-E(7-8)MSD

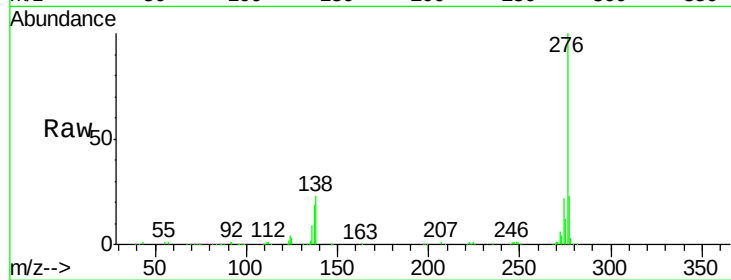
Tgt Ion: 276 Resp: 377514

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 22.6 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

