

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101765.D
 Acq On : 27 Dec 2017 16:34
 Operator : SJ/JU
 Sample : I6957-04 MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

Quant Time: Dec 28 04:31:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	159145	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	623090	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	278203	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	487927	20.00	ng	0.00
75) Chrysene-d12	13.97	240	297318	20.00	ng	0.00
86) Perylene-d12	15.44	264	303903	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	882177	82.57	ng	0.01
7) Phenol-d6	6.44	99	980592	73.75	ng	0.00
23) Nitrobenzene-d5	7.36	82	638220	57.02	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	206773	77.13	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1078877	60.16	ng	0.00
78) Terphenyl-d14	12.90	244	873037	70.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	116658	21.250	ng	95
3) Pyridine	3.33	79	290350	19.036	ng	95
4) n-Nitrosodimethylamine	3.28	42	152916	21.774	ng	99
6) Aniline	6.46	93	273893	14.823	ng	# 73
8) 2-Chlorophenol	6.58	128	296990	26.426	ng	99
9) Benzaldehyde	6.35	77	182468	18.582	ng	97
10) Phenol	6.45	94	409293	27.007	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	300062	25.242	ng	97
12) 1,3-Dichlorobenzene	6.73	146	333737	26.311	ng	100
13) 1,4-Dichlorobenzene	6.80	146	345923	26.706	ng	99
14) 1,2-Dichlorobenzene	6.96	146	311158	26.688	ng	99
15) Benzyl Alcohol	6.95	79	237828	25.986	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	510871	28.080	ng	49
17) 2-Methylphenol	7.06	107	239535	23.170	ng	# 85
18) Hexachloroethane	7.29	117	118477	26.308	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	219072	25.088	ng	91
20) 3+4-Methylphenols	7.22	107	334047	30.493	ng	97
22) Acetophenone	7.20	105	427104	30.041	ng	# 96
24) Nitrobenzene	7.38	77	325690	26.290	ng	99
25) Isophorone	7.62	82	591811	26.356	ng	99
26) 2-Nitrophenol	7.70	139	160431	30.144	ng	99
27) 2,4-Dimethylphenol	7.73	122	246183	27.227	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	378435	26.531	ng	98
29) 2,4-Dichlorophenol	7.95	162	251142	28.114	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	259511	27.529	ng	97
31) Naphthalene	8.09	128	859967	27.415	ng	100
33) 4-Chloroaniline	8.16	127	169908	12.462	ng	99
34) Hexachlorobutadiene	8.20	225	152011	27.881	ng	99
35) Caprolactam	8.53	113	81436	26.255	ng	99
36) 4-Chloro-3-methylphenol	8.65	107	261966	26.682	ng	98
37) 2-Methylnaphthalene	8.79	142	576138	28.191	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	273968	29.168	ng	98
40) Hexachlorocyclopentadiene	8.93	237	30145	29.943	ng	93
42) 2,4,6-Trichlorophenol	9.07	196	150090	26.542	ng	98

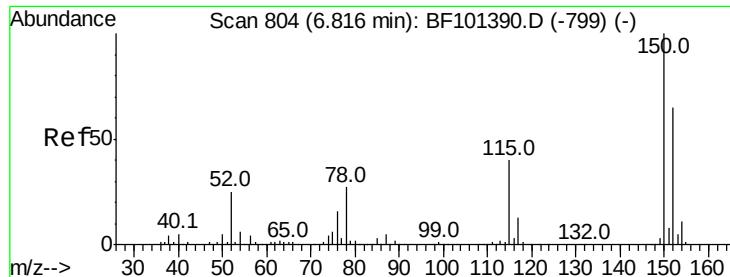
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	134426	21.711	ng	95
45) 1,1'-Biphenyl	9.25	154	686511	27.825	ng	100
46) 2-Chloronaphthalene	9.27	162	513798	27.216	ng	99
47) 2-Nitroaniline	9.39	65	169554	25.999	ng	97
48) Acenaphthylene	9.69	152	751924	25.217	ng	100
49) Dimethylphthalate	9.55	163	756087	33.788	ng	99
50) 2,6-Dinitrotoluene	9.63	165	124917	27.466	ng	90
51) Acenaphthene	9.86	154	468438	26.149	ng	100
52) 3-Nitroaniline	9.80	138	110308	19.453	ng	99
54) Dibenzofuran	10.03	168	667083	29.301	ng	96
56) 2,4-Dinitrotoluene	10.05	165	167949	32.776	ng	# 95
57) Fluorene	10.38	166	546510	28.377	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	69802	15.691	ng	# 85
59) Diethylphthalate	10.25	149	558566	25.206	ng	95
60) 4-Chlorophenyl-phenylether	10.36	204	263893	28.590	ng	93
61) 4-Nitroaniline	10.42	138	99952	17.537	ng	95
62) Azobenzene	10.53	77	790455	34.433	ng	94
65) n-Nitrosodiphenylamine	10.49	169	488443	27.111	ng	95
66) 4-Bromophenyl-phenylether	10.86	248	160528	29.280	ng	# 83
67) Hexachlorobenzene	10.93	284	165520	28.526	ng	# 89
68) Atrazine	11.02	200	152571	28.401	ng	97
69) Pentachlorophenol	11.16	266	4613	8.433	ng	# 80
70) Phenanthrene	11.35	178	751864	27.709	ng	99
71) Anthracene	11.40	178	737102	26.594	ng	100
72) Carbazole	11.56	167	566990	21.849	ng	99
73) Di-n-butylphthalate	11.87	149	895196	28.422	ng	99
74) Fluoranthene	12.54	202	664547	23.333	ng	99
76) Benzidine	12.67	184	68347	5.443	ng	# 93
77) Pvrene	12.77	202	642782	28.807	ng	99
79) Butylbenzylphthalate	13.37	149	281305	27.862	ng	95
80) Benzo(a)anthracene	13.96	228	378613	19.285	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	106130	16.579	ng	96
82) Chrysene	14.00	228	374983	20.229	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	420069	32.848	ng	98
84) Di-n-octyl phthalate	14.53	149	615356	26.981	ng	99
85) Indeno(1,2,3-cd)pyrene	16.94	276	72458	4.390	ng	98
87) Benzo(b)fluoranthene	15.02	252	231458	12.495	ng	99
88) Benzo(k)fluoranthene	15.04	252	217060	12.052	ng	96
89) Benzo(a)pyrene	15.39	252	166973	9.778	ng	98
90) Dibenzo(a,h)anthracene	16.93	278	70478	4.807	ng	98
91) Benzo(g,h,i)perylene	17.40	276	56353	3.882	ng	96

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

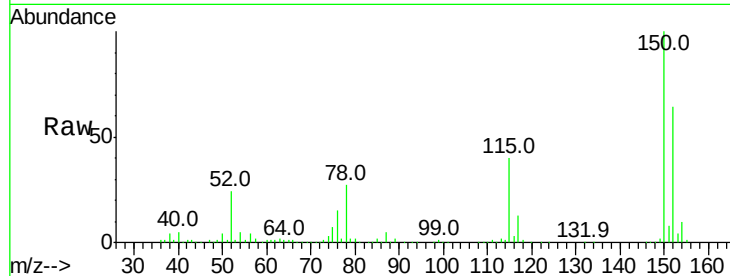


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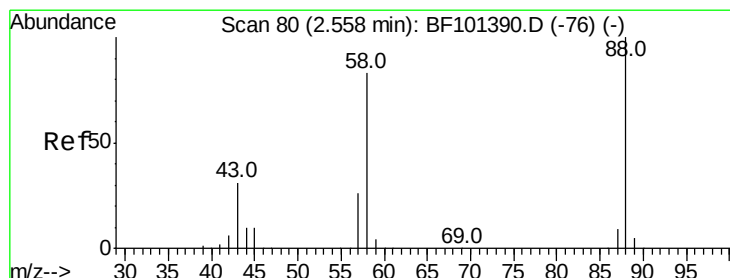
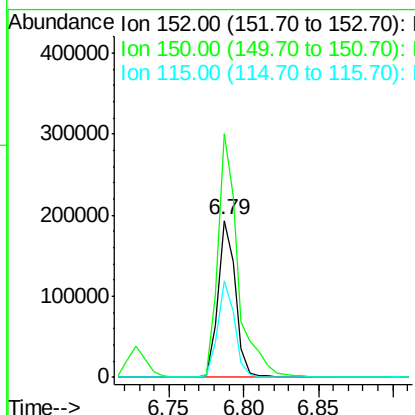
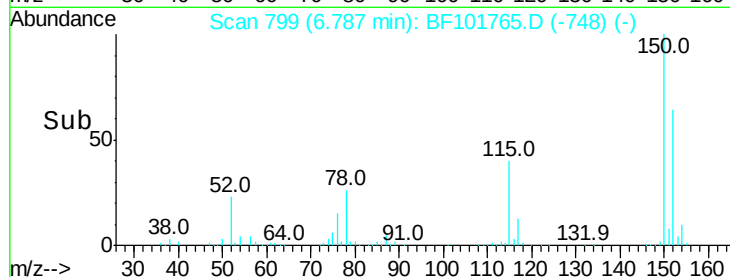
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

Tot Ion:152 Resp: 159145
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 61.6 50.1 75.1



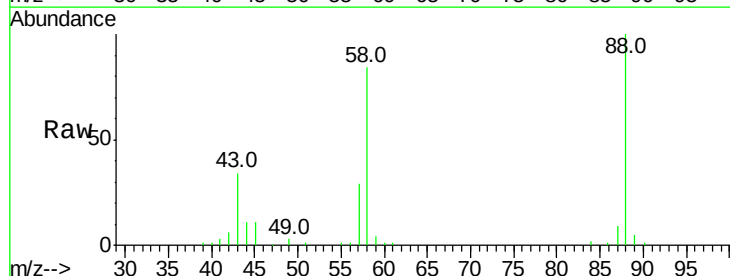
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



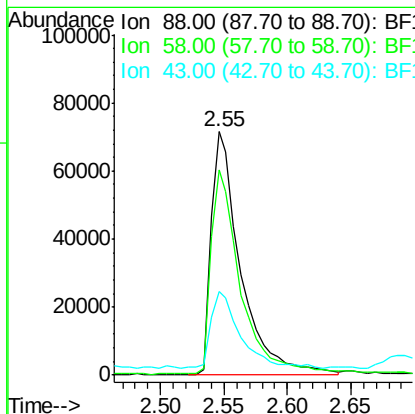
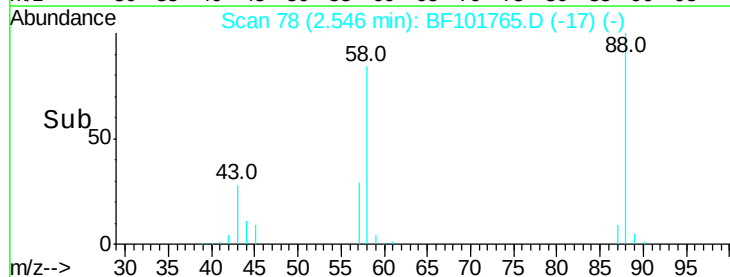
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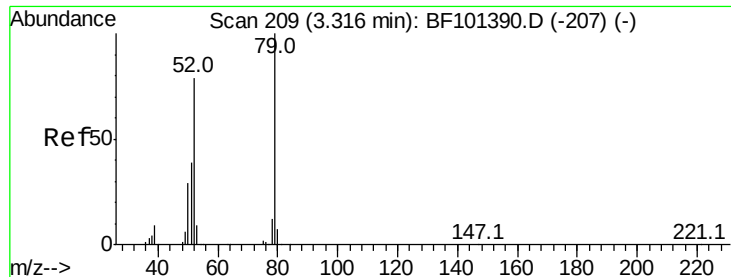
1,4-Dioxane
Concen: 21.250 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.06 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion: 88 Resp: 116658
Ion Ratio Lower Upper
88 100
58 84.0 62.6 93.8
43 31.9 24.6 37.0



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





#3

Pvridine

Concen: 19.036 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.08 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

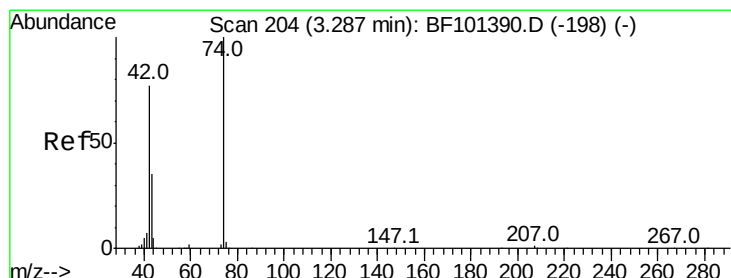
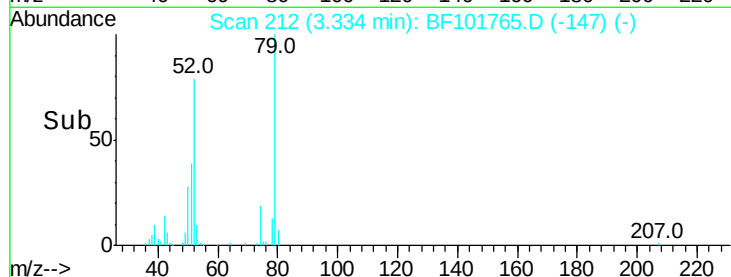
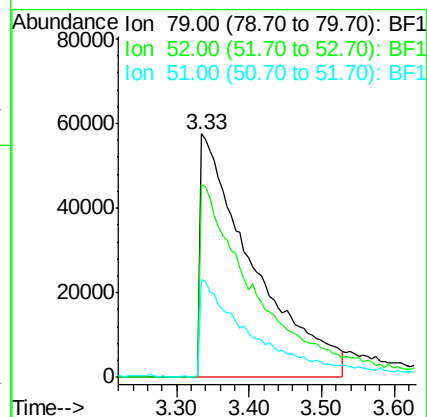
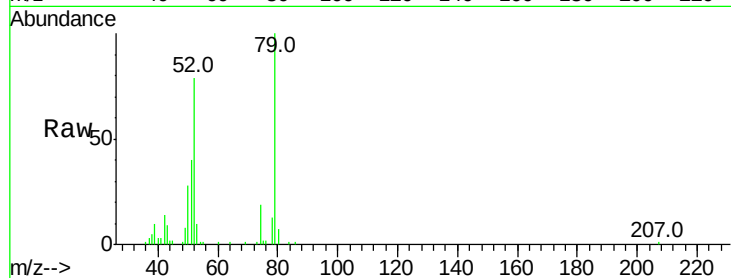
Tot Ion: 79 Resp: 290350

Ion Ratio Lower Upper

79 100

52 79.0 59.8 89.6

51 40.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 21.774 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.06 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

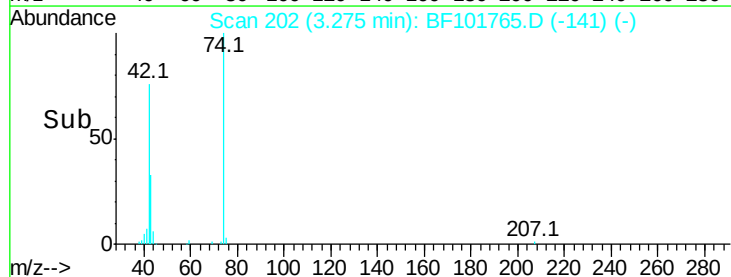
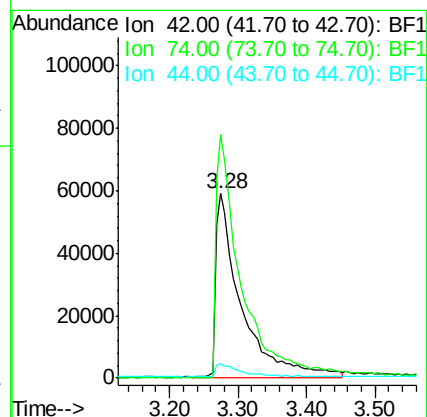
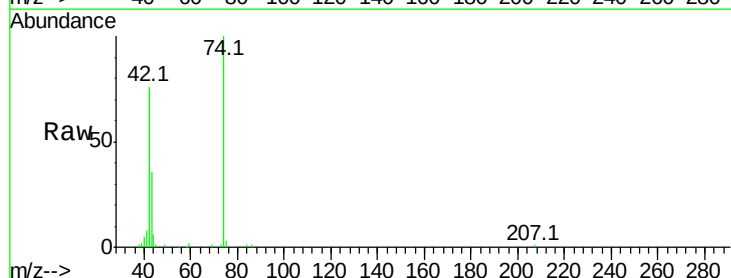
Tgt Ion: 42 Resp: 152916

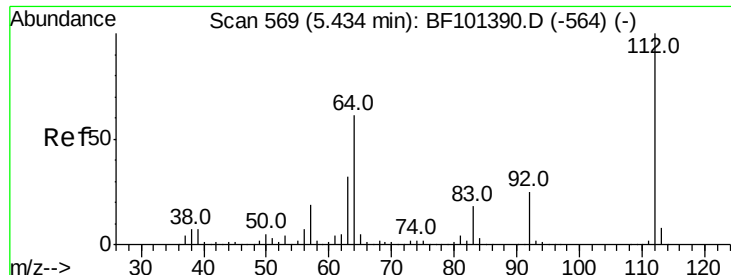
Ion Ratio Lower Upper

42 100

74 132.2 104.9 157.3

44 8.2 6.9 10.3

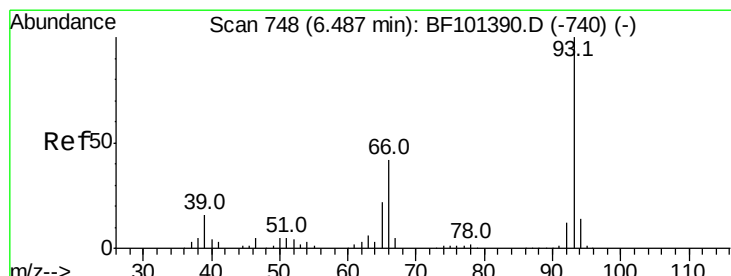
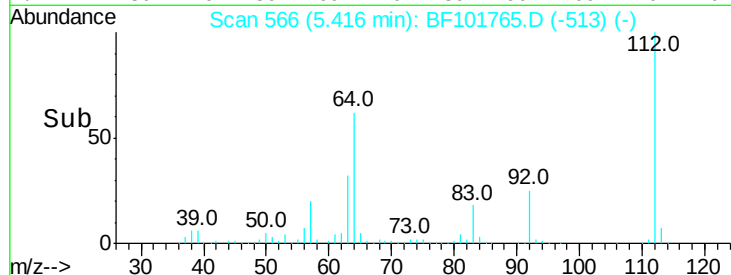
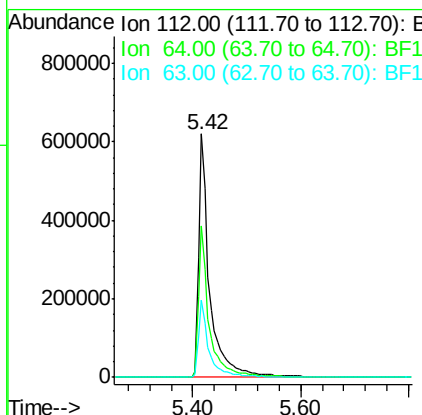
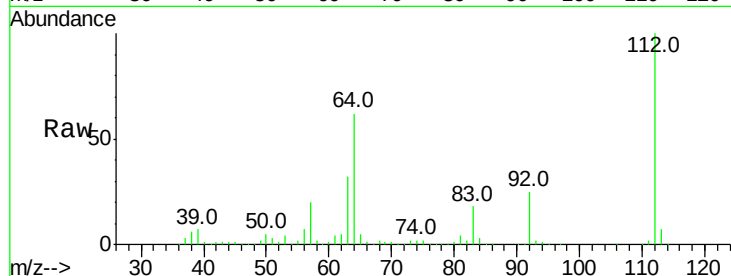




#5
 2-Fluorophenol
 Concen: 82.571 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

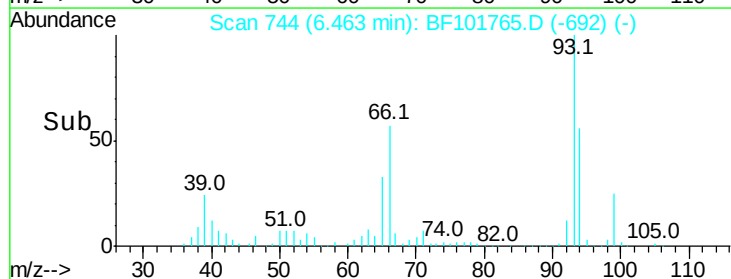
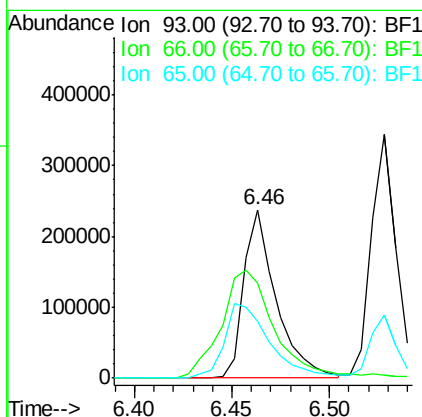
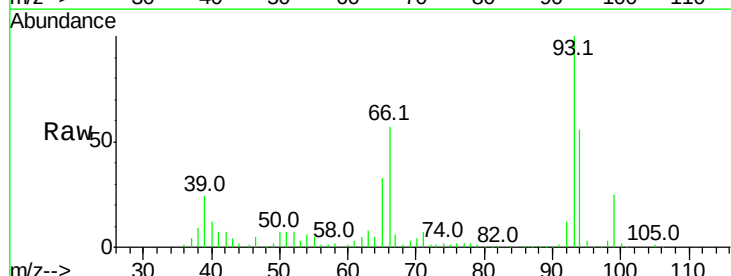
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

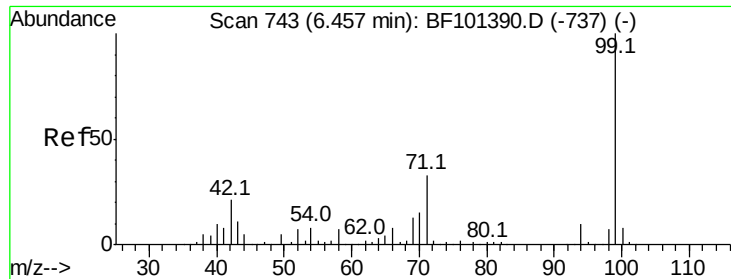
Tot Ion: 112 Resp: 882177
 Ion Ratio Lower Upper
 112 100
 64 62.2 47.9 71.9
 63 31.9 23.7 35.5



#6
 Aniline
 Concen: 14.823 ng
 RT: 6.46 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion: 93 Resp: 273893
 Ion Ratio Lower Upper
 93 100
 66 56.7 32.2 48.2#
 65 33.3 16.4 24.6#





#7

Phenol-d6

Concen: 73.748 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

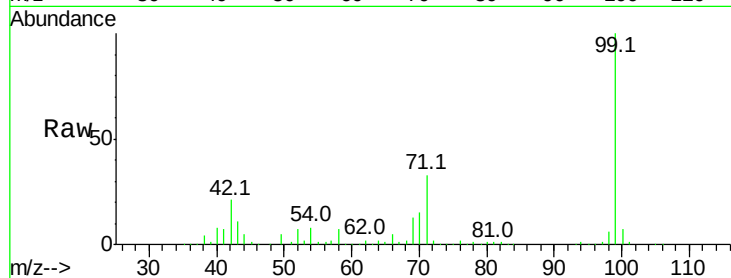
Tot Ion: 99 Resp: 980592

Ion Ratio Lower Upper

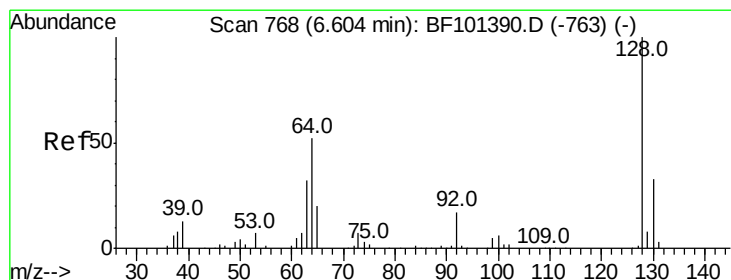
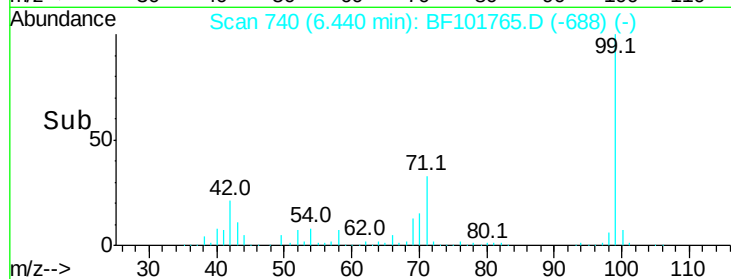
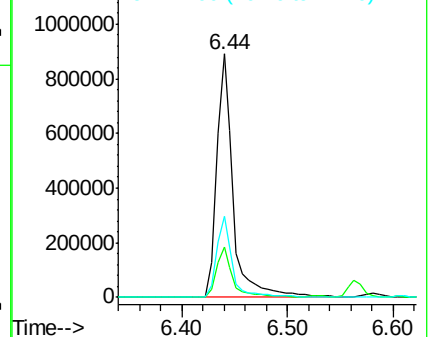
99 100

42 20.8 14.5 21.7

71 33.3 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: 26.426 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

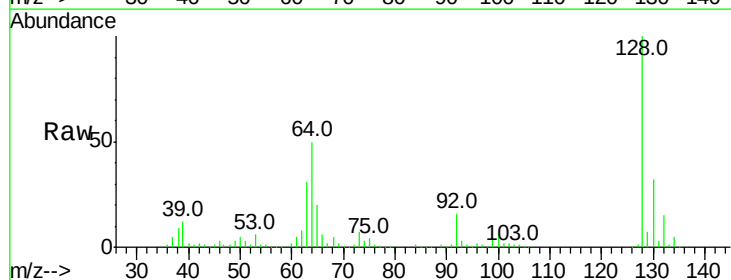
Tgt Ion: 128 Resp: 296990

Ion Ratio Lower Upper

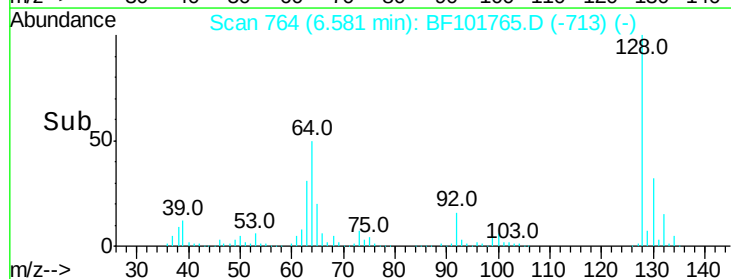
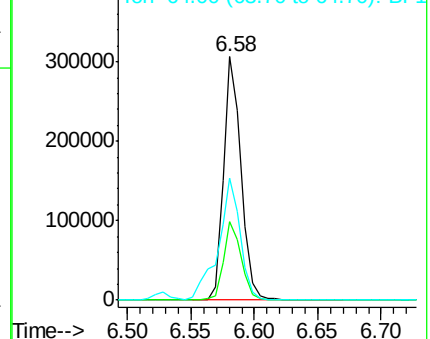
128 100

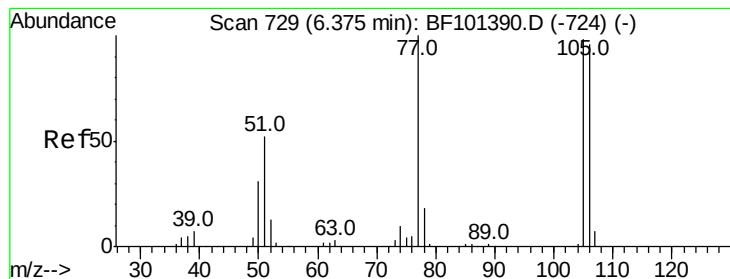
130 32.0 13.0 53.0

64 49.9 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: 18.582 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF101765.D

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HALSTED-WWMS

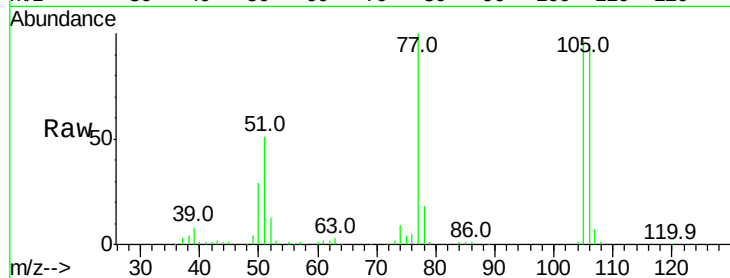
Tot Ion: 77 Resp: 182468

Ion Ratio Lower Upper

77 100

105 96.9 81.1 121.1

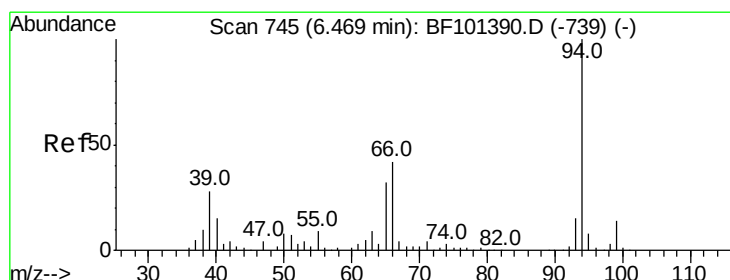
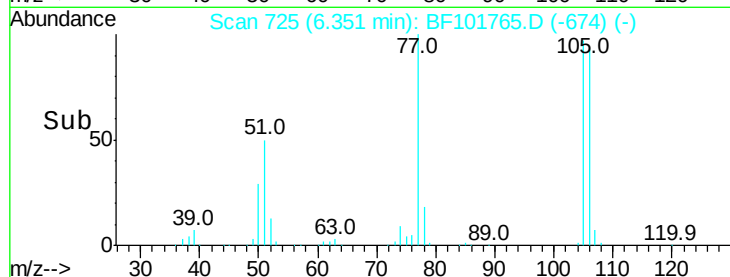
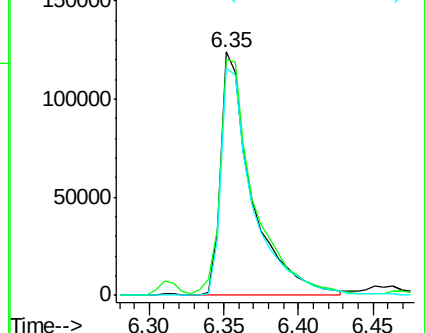
106 93.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 27.007 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

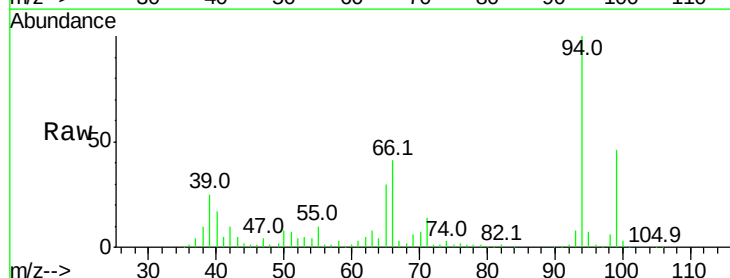
Tgt Ion: 94 Resp: 409293

Ion Ratio Lower Upper

94 100

65 30.0 7.9 47.9

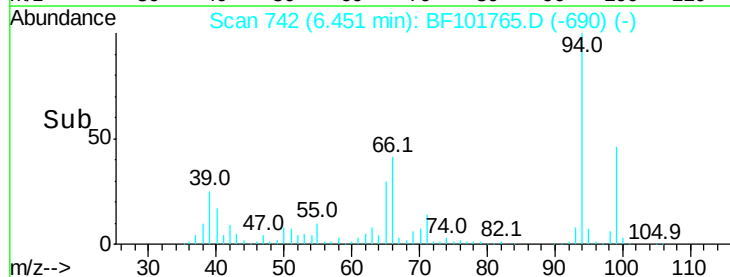
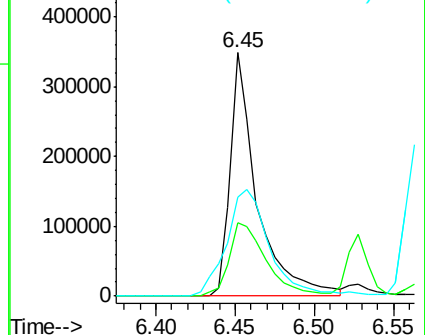
66 40.6 16.2 56.2

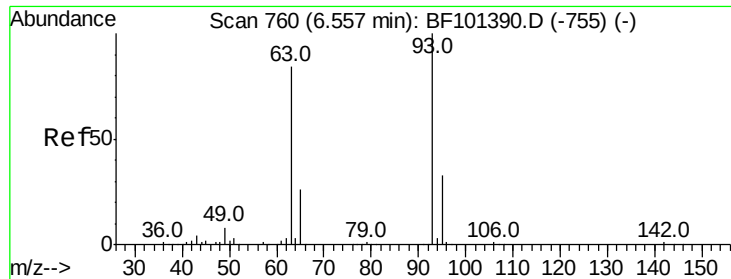


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

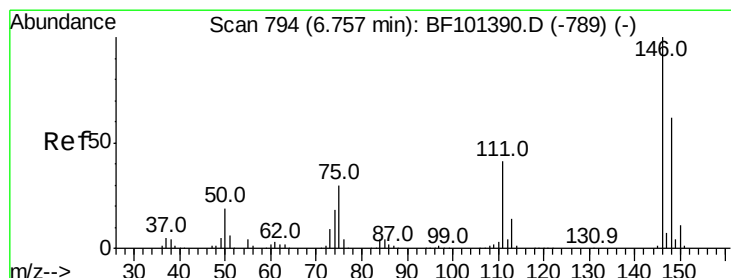
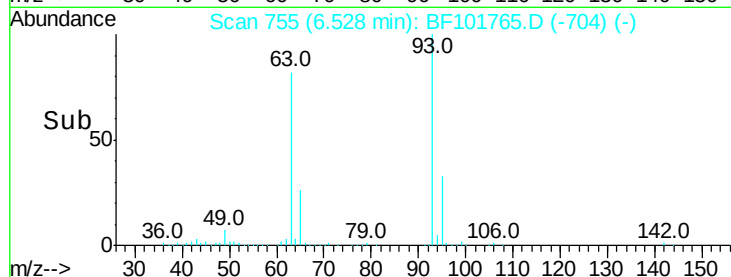
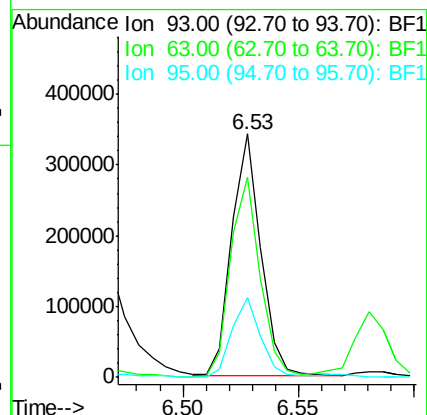
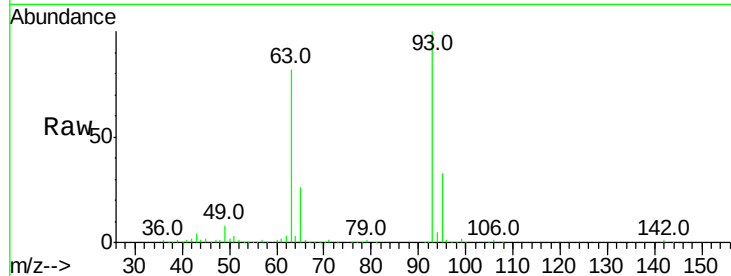




#11
bis(2-Chloroethyl)ether
Concen: 25.242 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

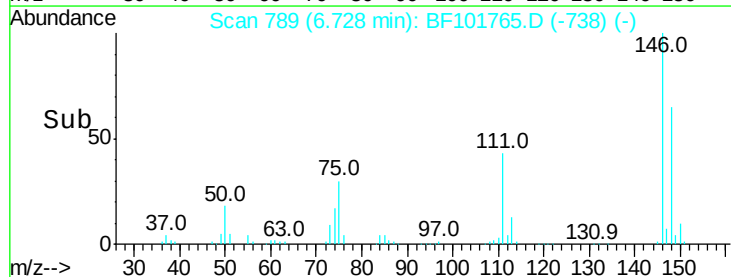
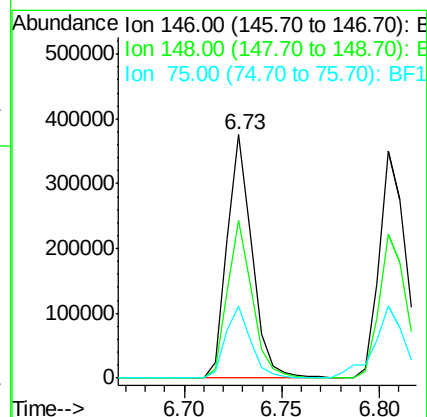
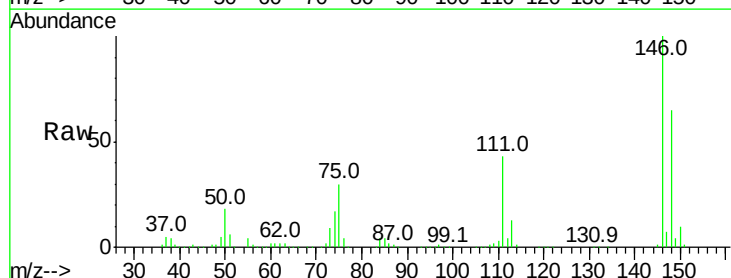
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

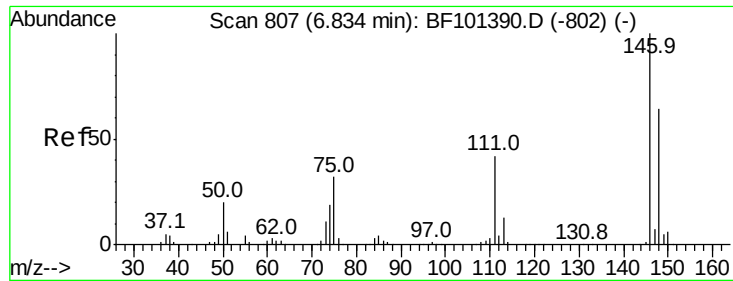
Tot Ion: 93 Resp: 300062
Ion Ratio Lower Upper
93 100
63 82.1 58.6 98.6
95 32.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 26.311 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion: 146 Resp: 333737
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
75 29.8 24.2 36.4

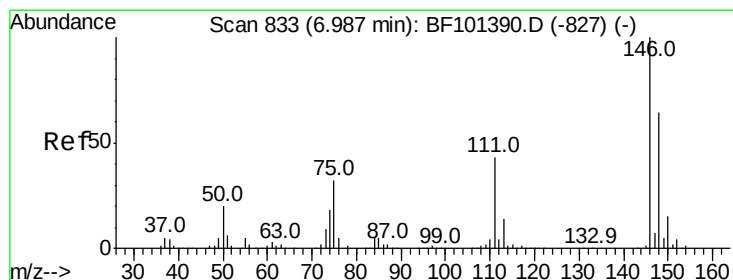
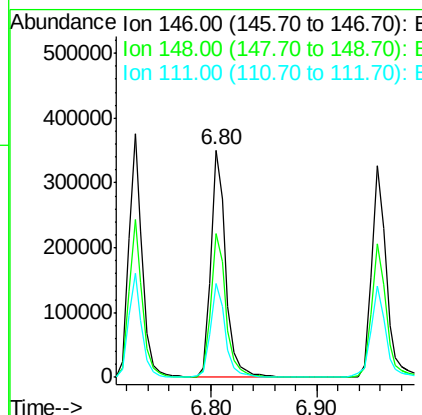
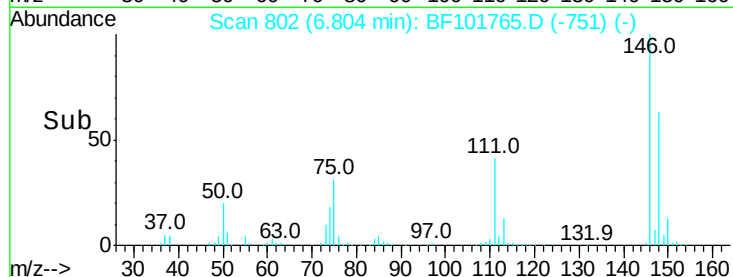
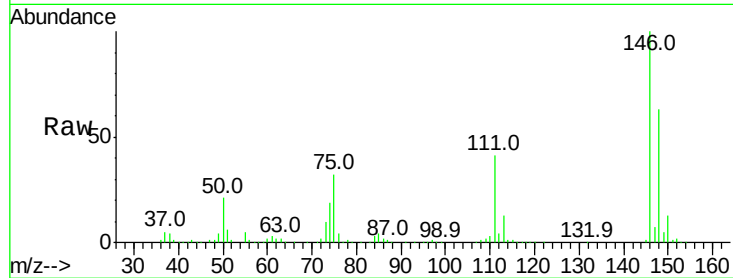




#13
 1,4-Dichlorobenzene
 Concen: 26.706 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

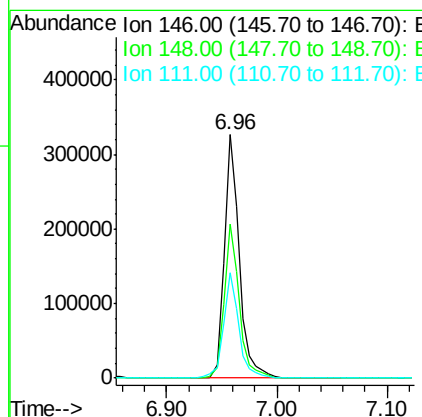
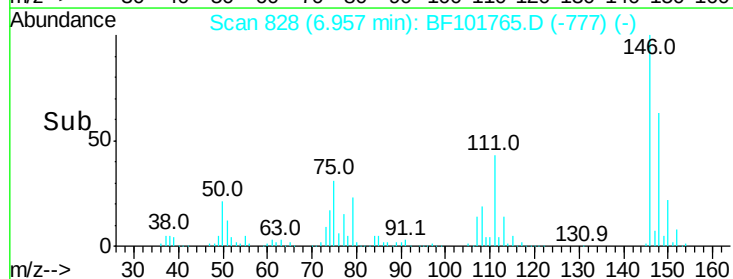
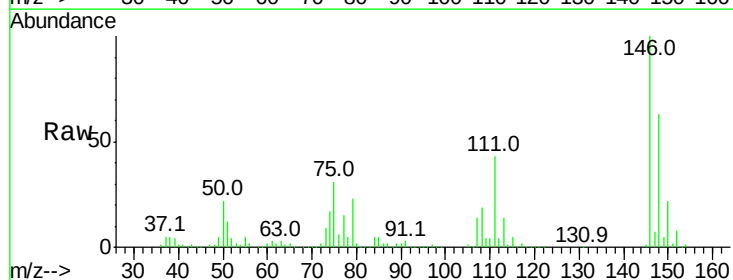
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

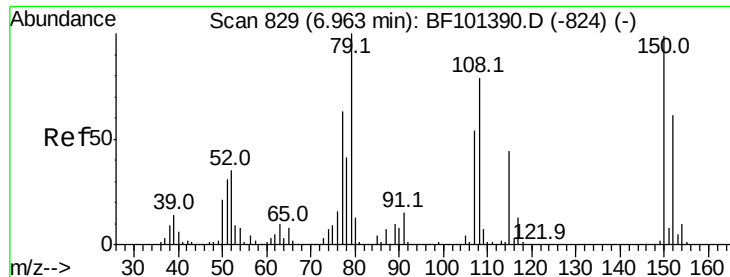
Tot Ion:146 Resp: 345923
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.8 76.2
 111 41.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 26.688 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:146 Resp: 311158
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 43.0 36.0 54.0

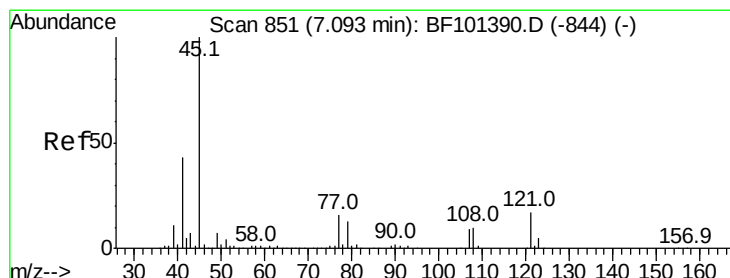
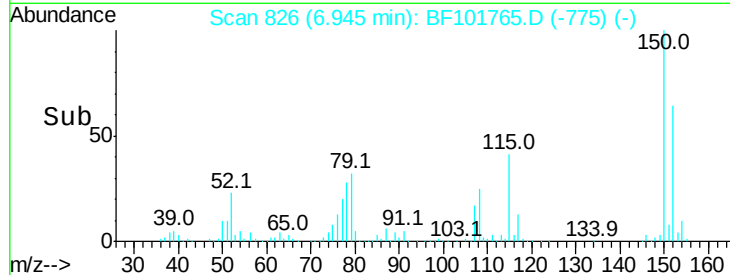
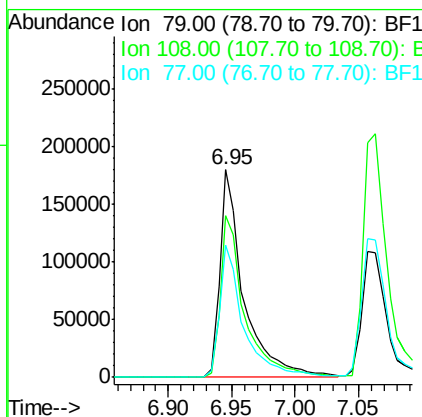
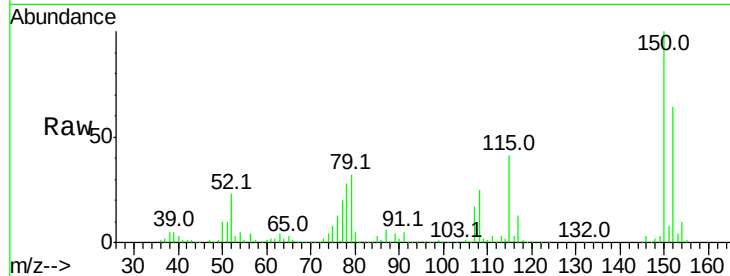




#15
Benzvl Alcohol
Concen: 25.986 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

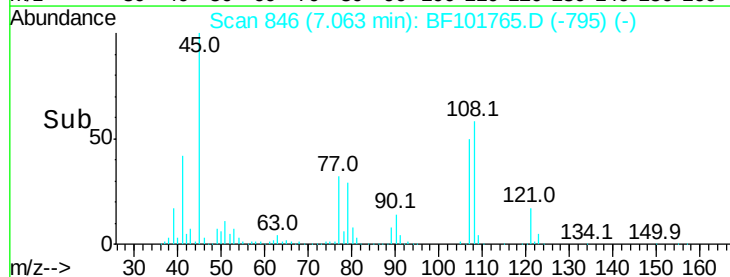
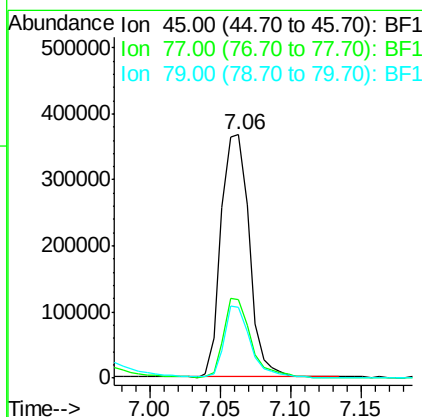
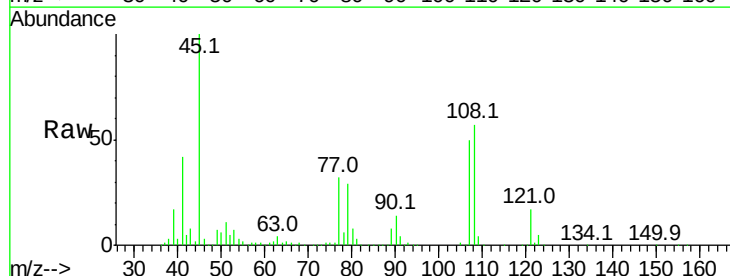
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

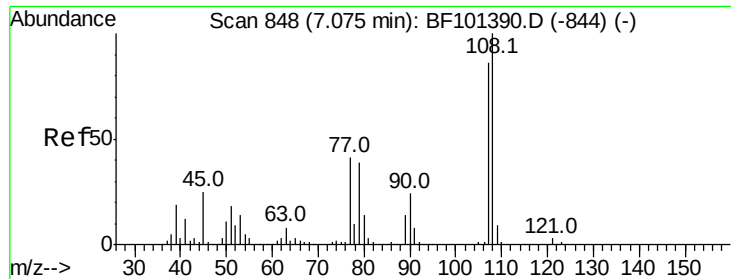
Tot Ion: 79 Resp: 237828
Ion Ratio Lower Upper
79 100
108 78.0 65.1 97.7
77 63.9 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.080 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion: 45 Resp: 510871
Ion Ratio Lower Upper
45 100
77 32.2 0.0 32.9
79 29.2 0.0 29.6

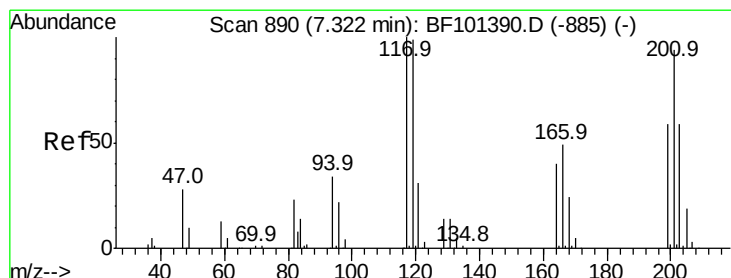
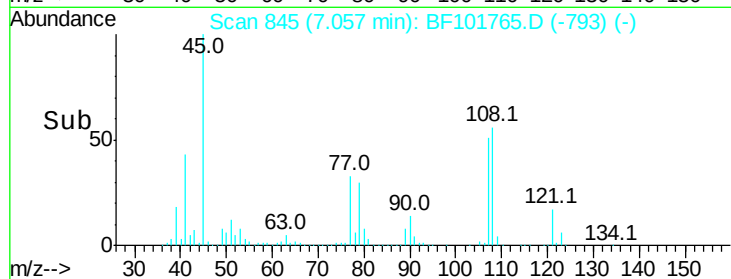
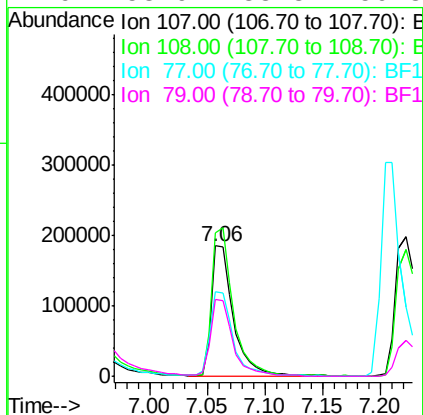
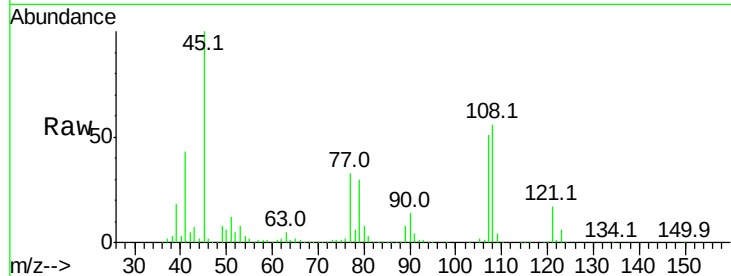




#17
2-Methylphenol
Concen: 23.170 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

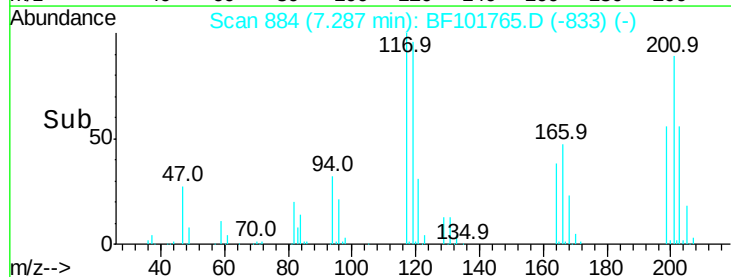
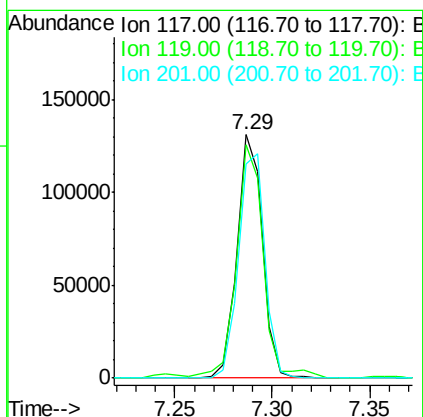
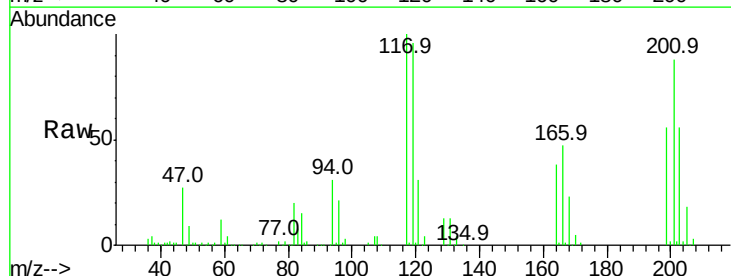
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

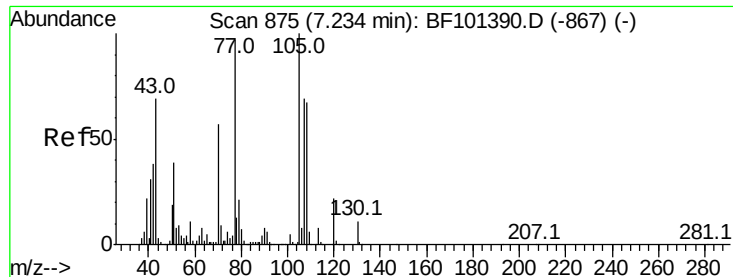
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.7	137.5
77	65.0	33.8	50.8#
79	58.9	33.8	50.8#



#18
Hexachloroethane
Concen: 26.308 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	88.2	75.7	113.5

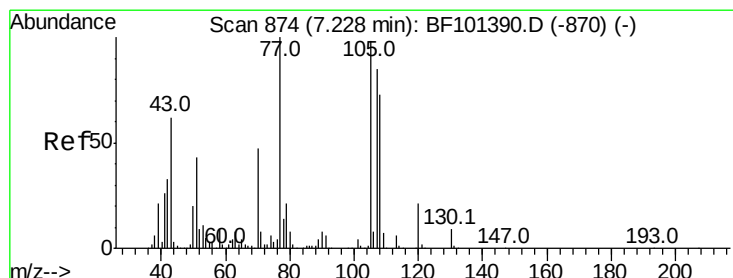
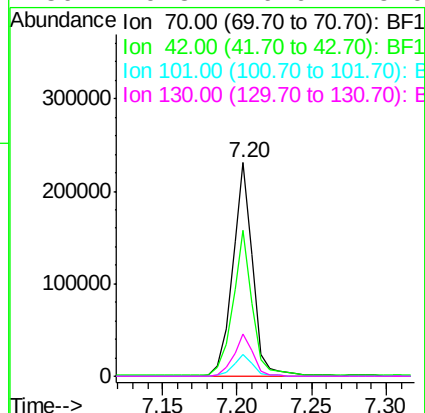
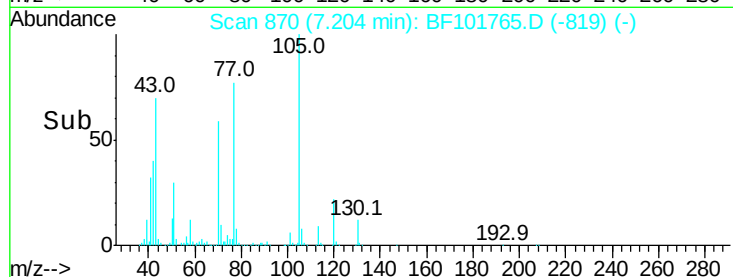
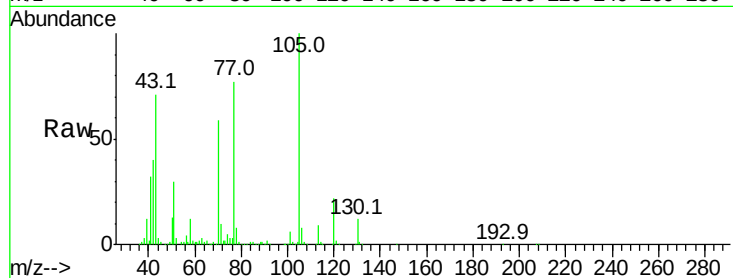




#19
n-Nitroso-di-n-propylamine
Concen: 25.088 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

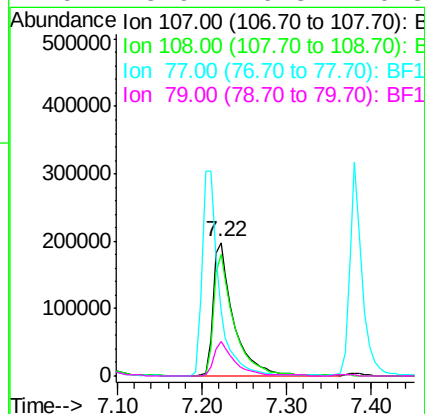
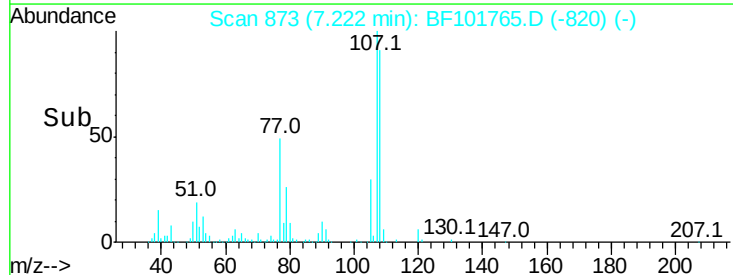
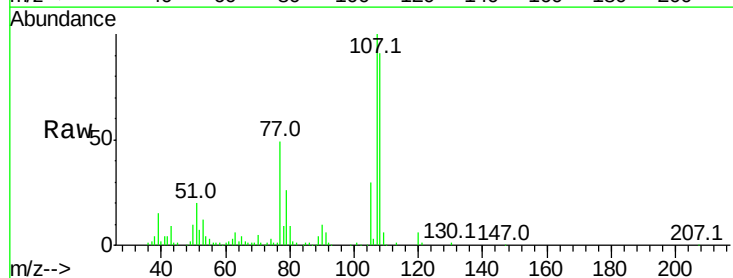
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

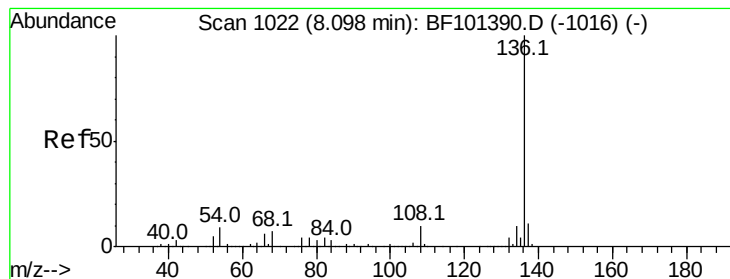
Tot Ion:	70	Resp:	219072
Ion	Ratio	Lower	Upper
70	100		
42	68.6	47.5	71.3
101	10.1	7.4	11.2
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 30.493 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:	107	Resp:	334047
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.2	108.2
77	49.0	26.7	66.7
79	25.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

Tot Ion:136 Resp: 623090

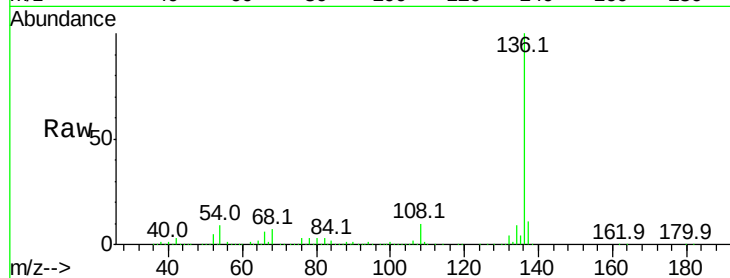
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 6.6 9.8

68 7.1 5.0 7.4

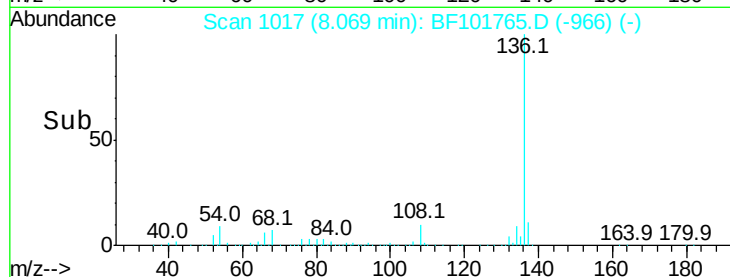


Abundance Ion 136.00 (135.70 to 136.70): E

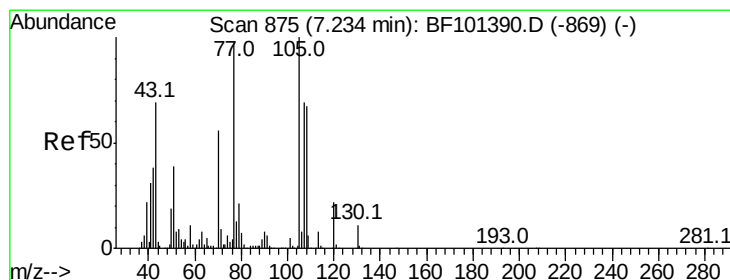
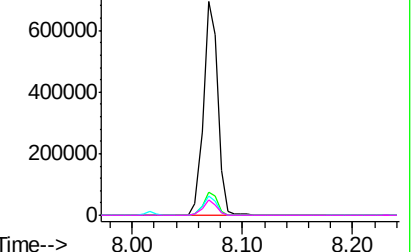
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 30.041 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Tgt Ion:105 Resp: 427104

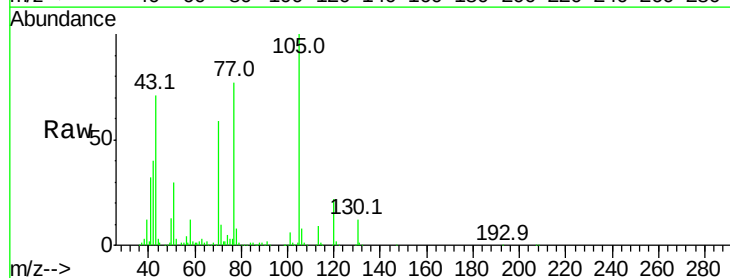
Ion Ratio Lower Upper

105 100

71 10.1 4.4 6.6#

51 30.1 22.3 33.5

120 21.8 16.9 25.3

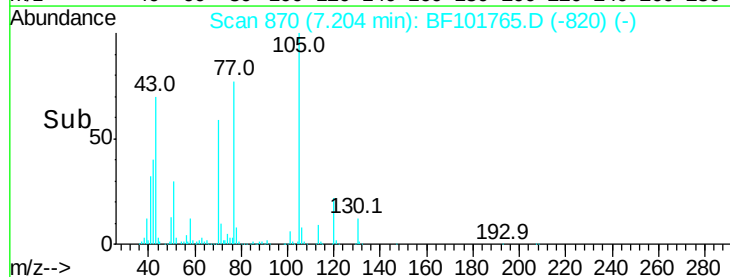


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

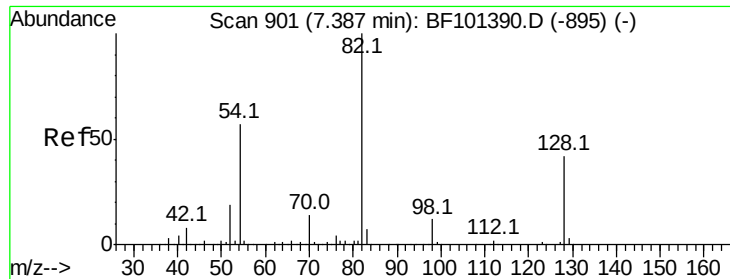
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

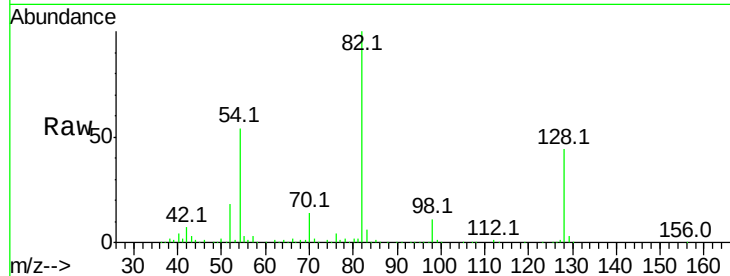




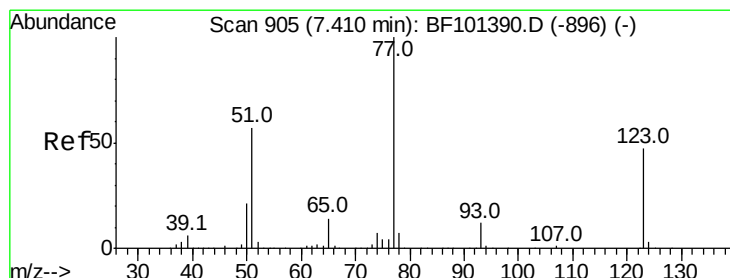
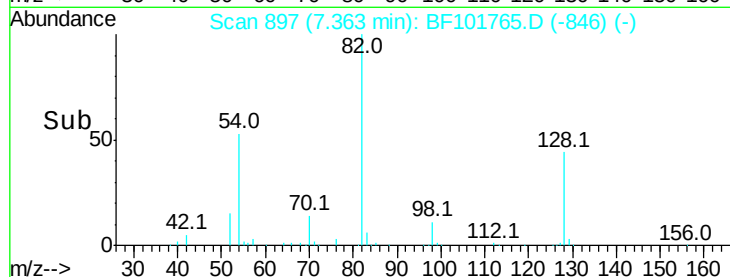
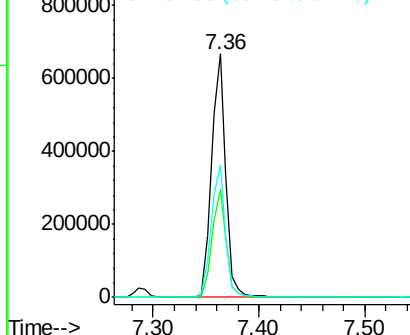
#23
Nitrobenzene-d5
Concen: 57.017 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

Tot Ion: 82 Resp: 638220
Ion Ratio Lower Upper
82 100
128 44.1 36.1 54.1
54 54.2 41.4 62.2

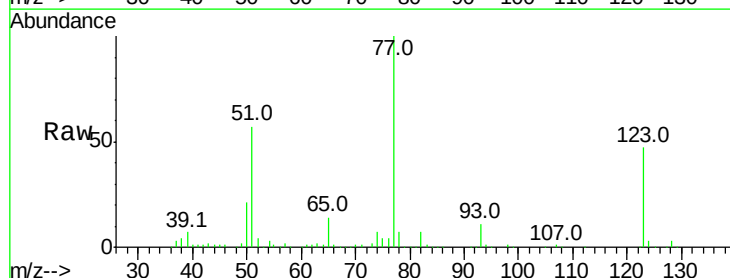


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

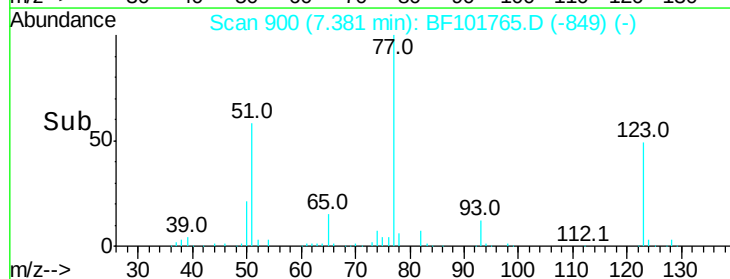
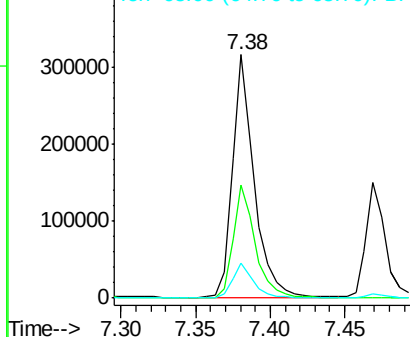


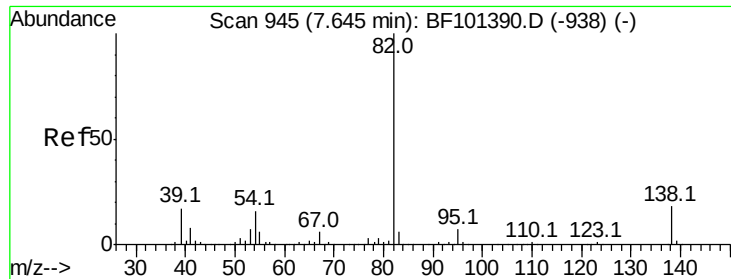
#24
Nitrobenzene
Concen: 26.290 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion: 77 Resp: 325690
Ion Ratio Lower Upper
77 100
123 46.6 37.9 56.9
65 14.2 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: 26.356 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

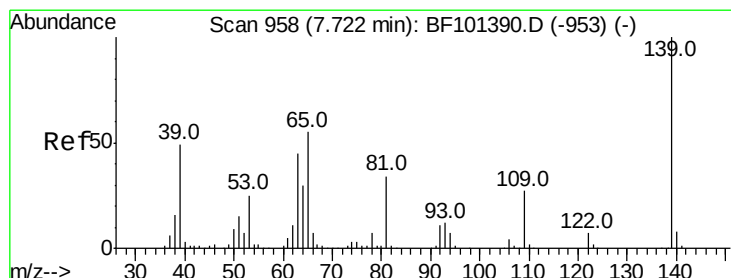
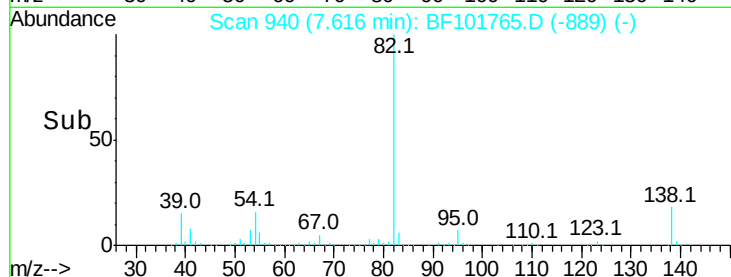
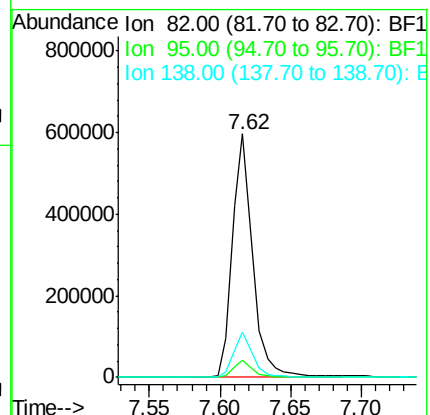
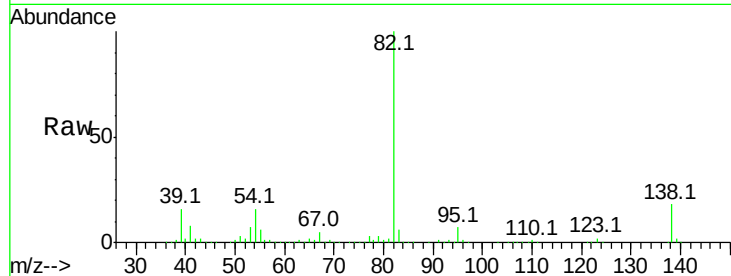
Tot Ion: 82 Resp: 591811

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 30.144 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

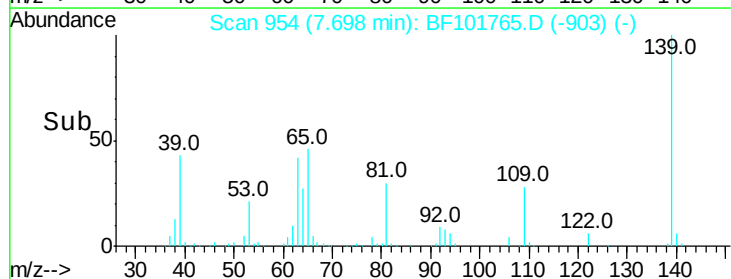
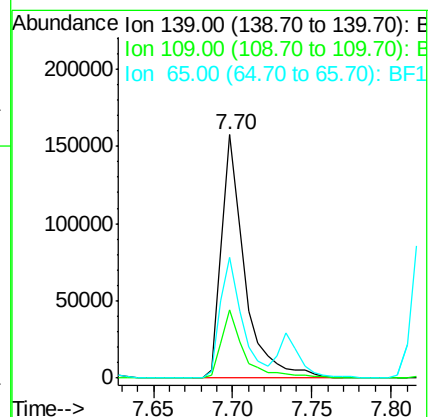
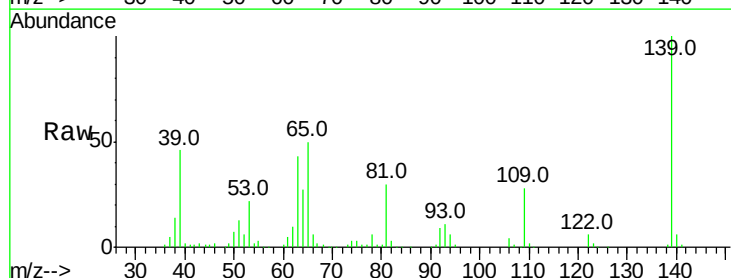
Tgt Ion: 139 Resp: 160431

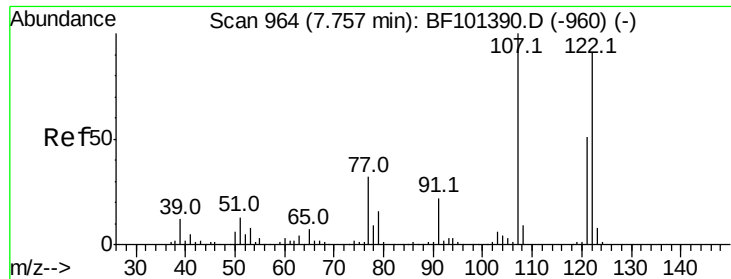
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 49.7 40.5 60.7



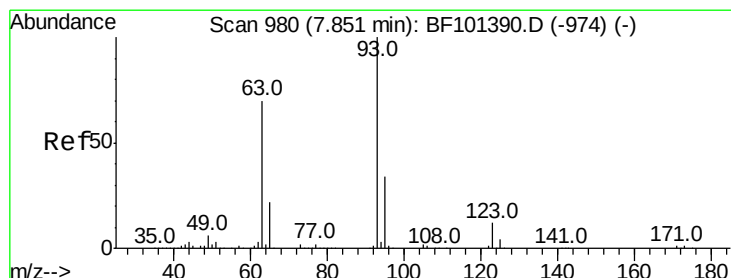
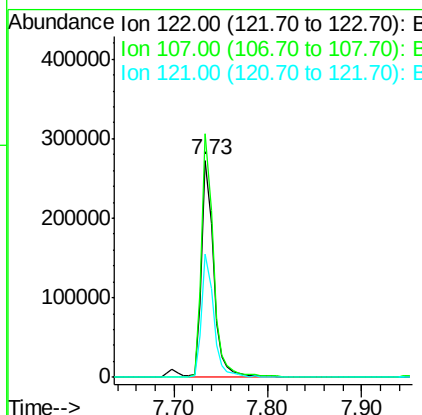
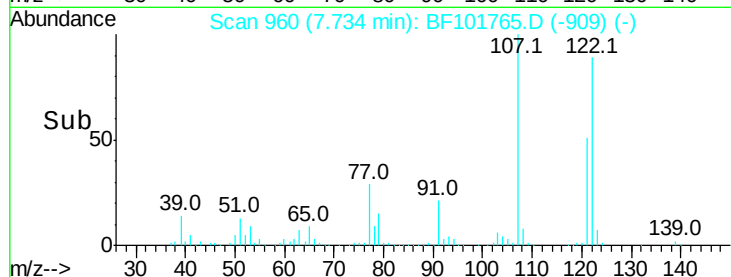
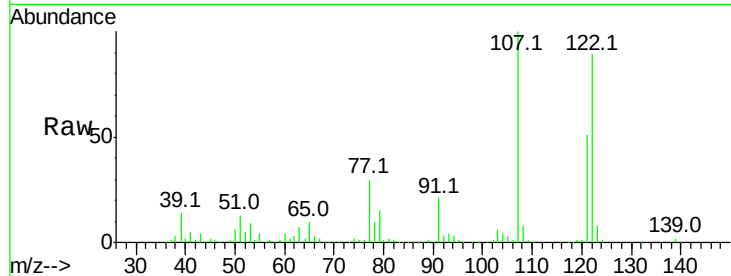


#27
 2,4-Dimethylphenol
 Concen: 27.227 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

Tot Ion:122 Resp: 246183

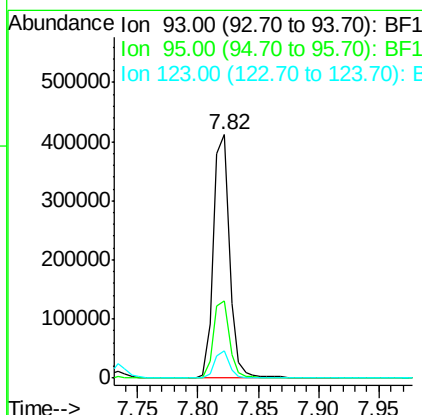
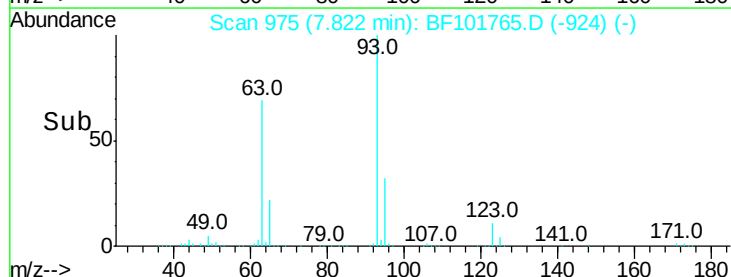
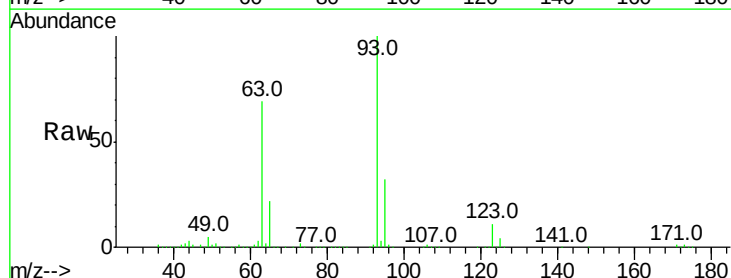
Ion	Ratio	Lower	Upper
122	100		
107	112.2	91.2	136.8
121	57.1	47.2	70.8

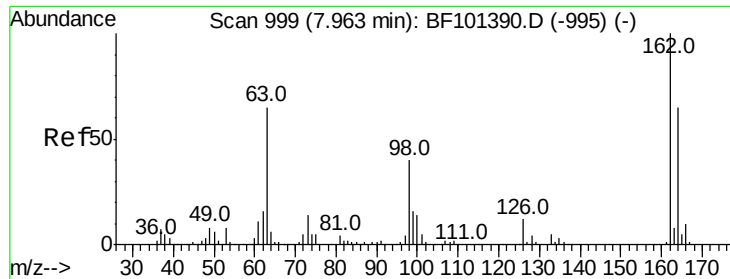


#28
 bis(2-Chloroethoxy)methane
 Concen: 26.531 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion: 93 Resp: 378435

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	11.0	9.8	14.6

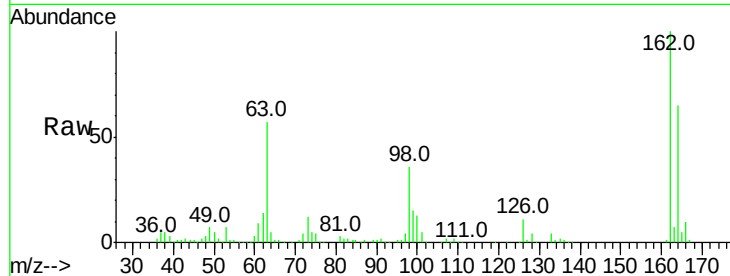




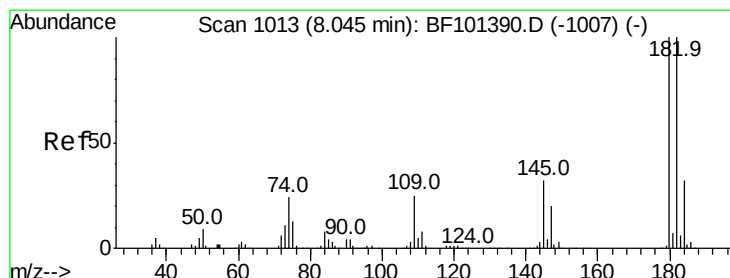
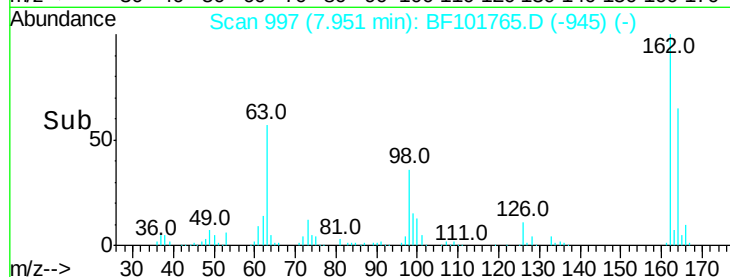
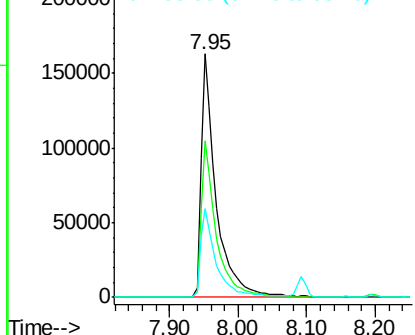
#29
2,4-Dichlorophenol
Concen: 28.114 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.7	82.7
98	36.2	18.1	58.1

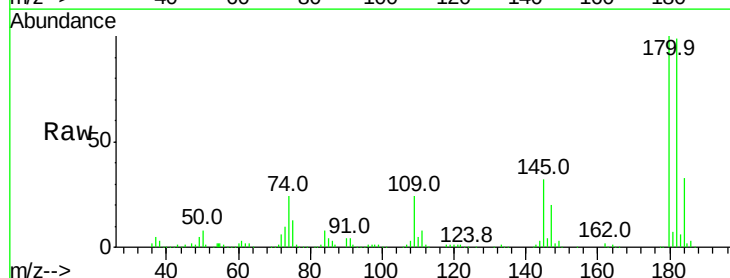


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

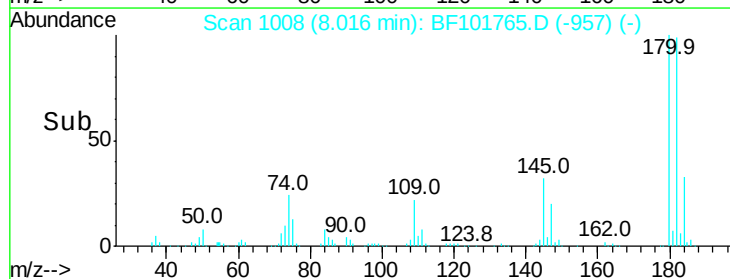
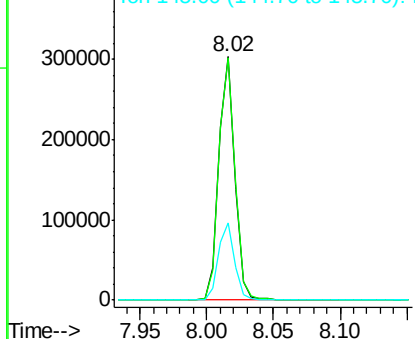


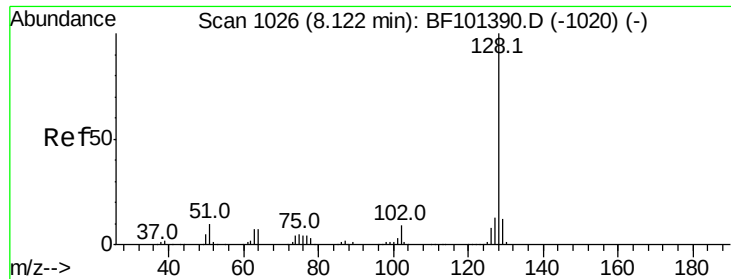
#30
1,2,4-Trichlorobenzene
Concen: 27.529 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.8	115.2
145	31.8	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

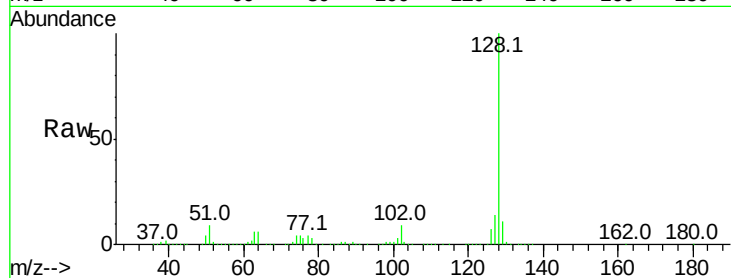




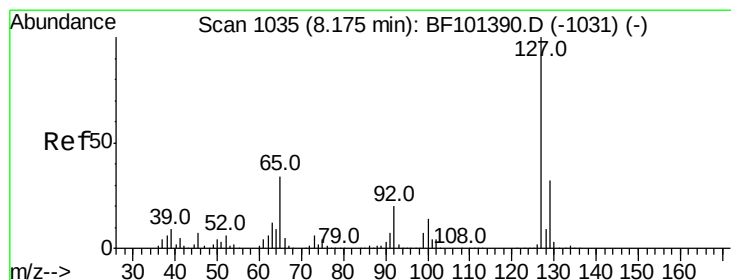
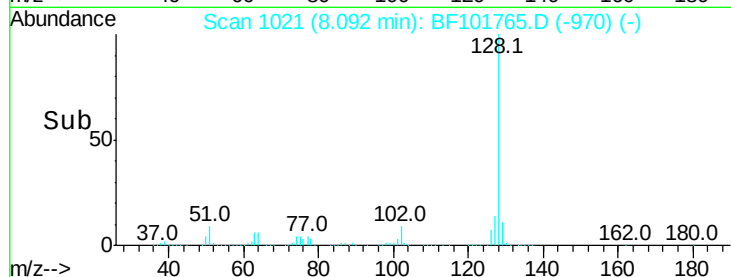
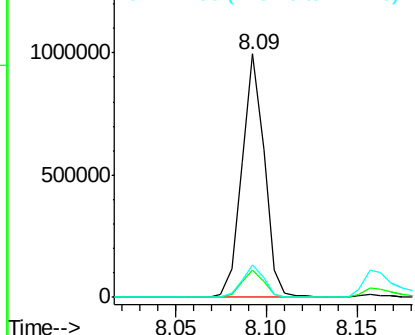
#31
Naphthalene
Concen: 27.415 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

Tot Ion:128 Resp: 859967
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.9 16.3

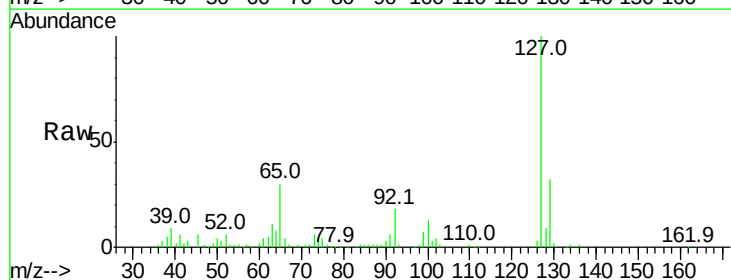


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

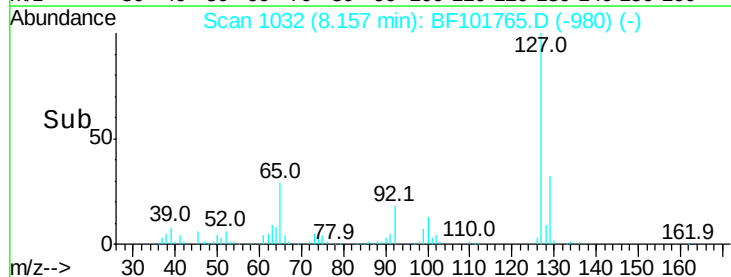
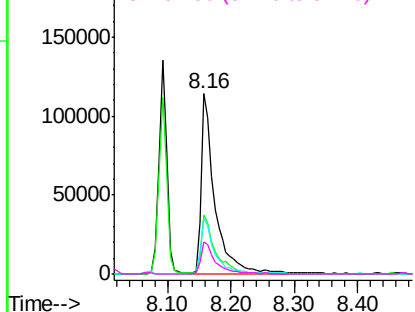


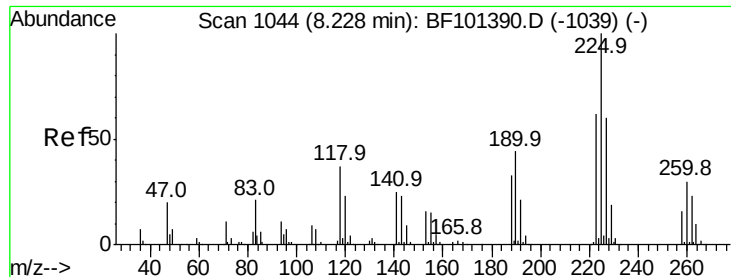
#33
4-Chloroaniline
Concen: 12.462 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:127 Resp: 169908
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9
65 30.3 25.0 37.4
92 17.5 15.2 22.8



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

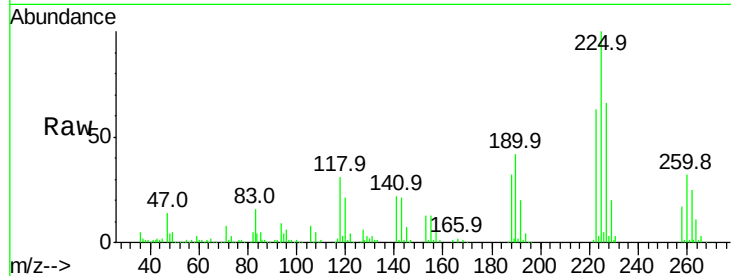




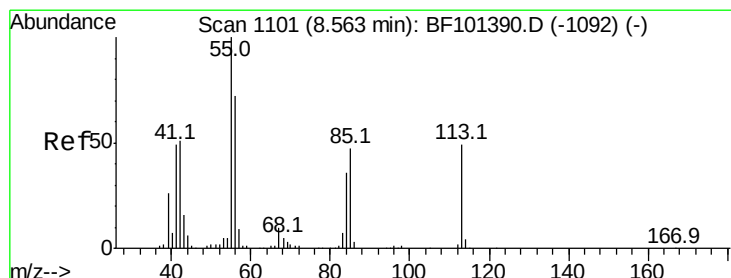
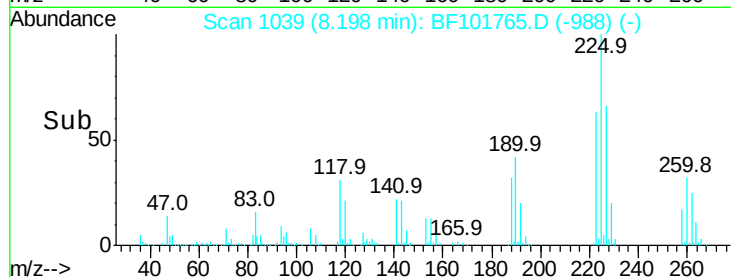
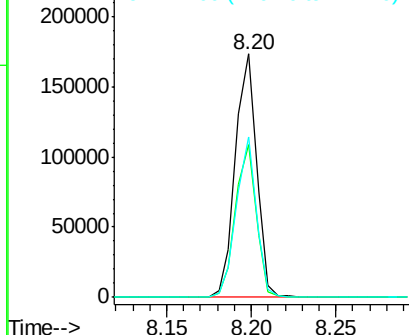
#34
Hexachlorobutadiene
Concen: 27.881 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

Tot Ion:225 Resp: 152011
Ion Ratio Lower Upper
225 100
223 62.9 50.6 76.0
227 65.8 51.9 77.9

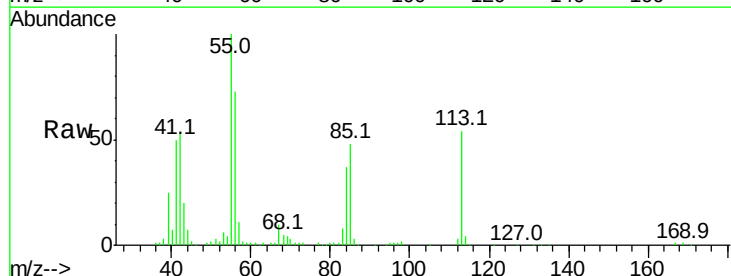


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

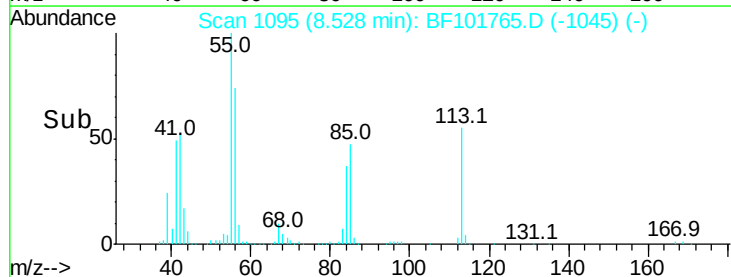
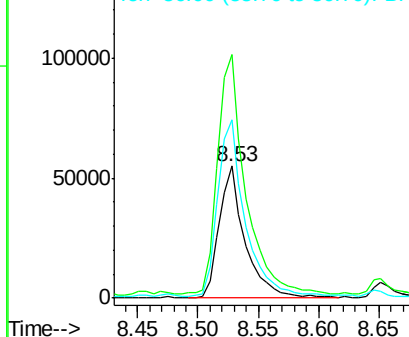


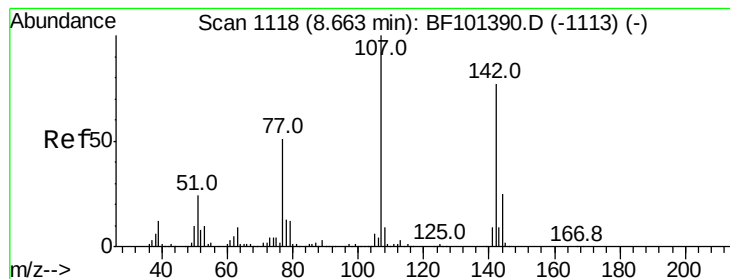
#35
Caprolactam
Concen: 26.255 ng
RT: 8.53 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:113 Resp: 81436
Ion Ratio Lower Upper
113 100
55 184.7 163.3 203.3
56 135.8 115.7 155.7



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





#36

4-Chloro-3-methylphenol

Concen: 26.682 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

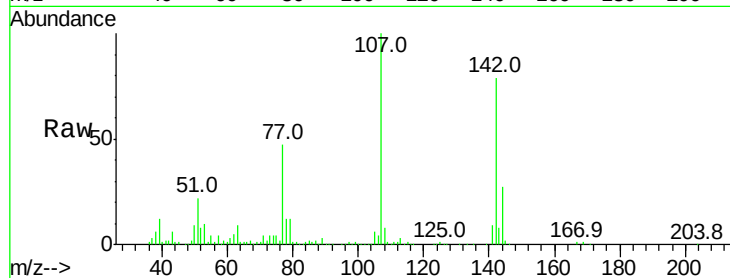
Tot Ion:107 Resp: 261966

Ion Ratio Lower Upper

107 100

144 27.4 20.5 30.7

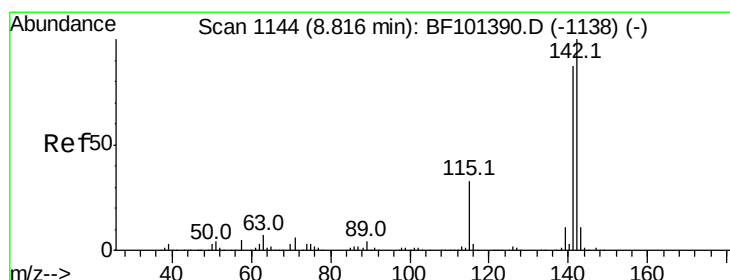
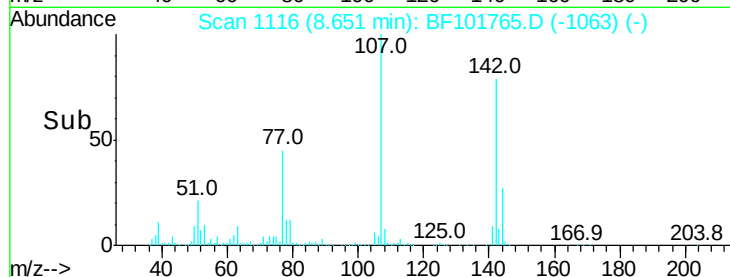
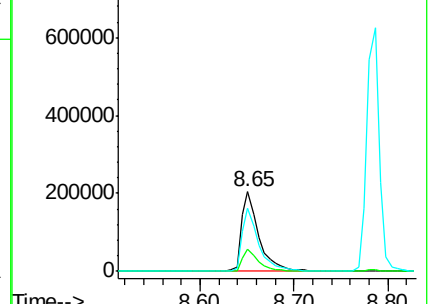
142 78.8 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 28.191 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

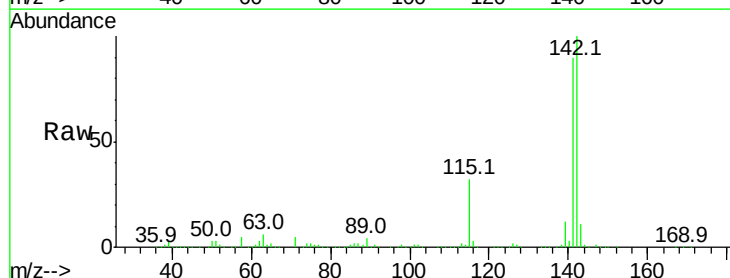
Tgt Ion:142 Resp: 576138

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2

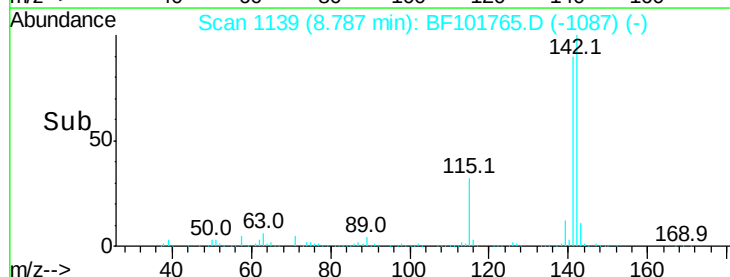
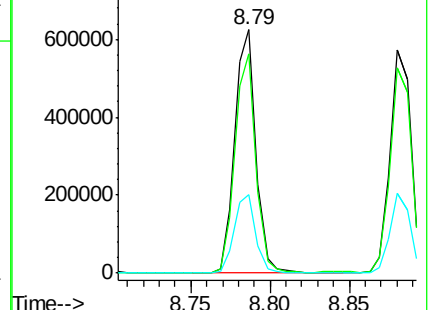
115 32.0 26.1 39.1

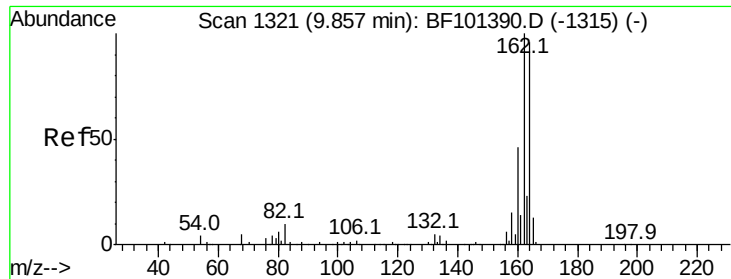


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

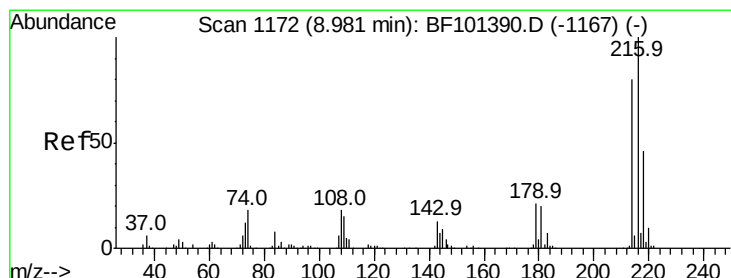
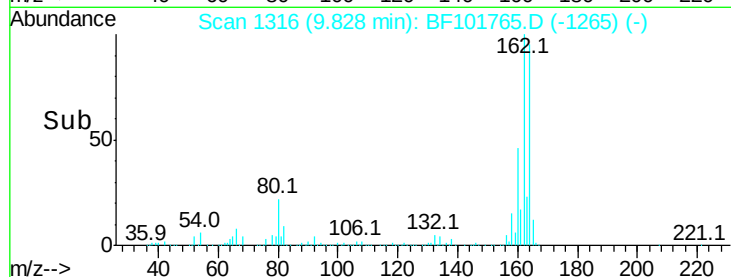
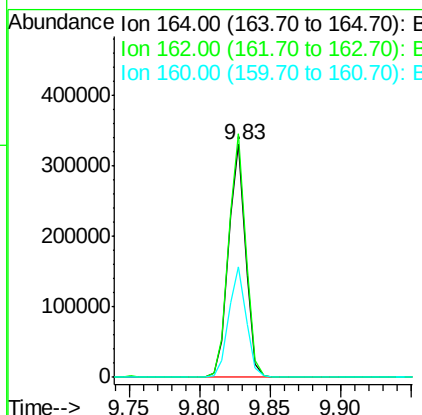
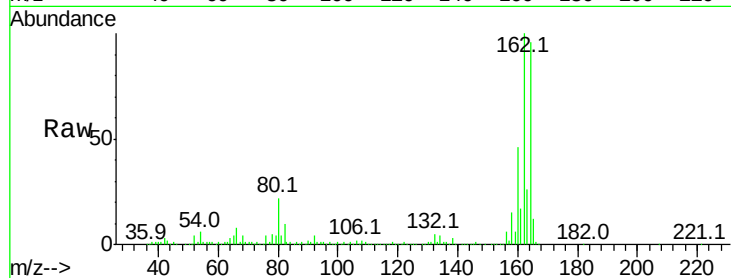




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

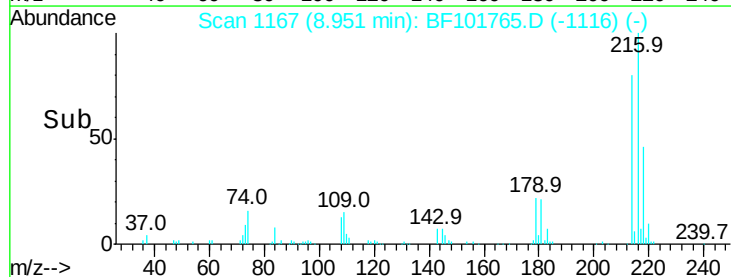
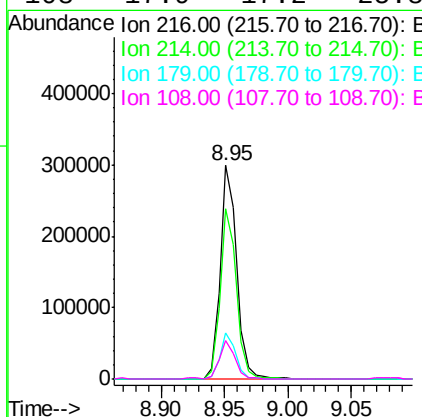
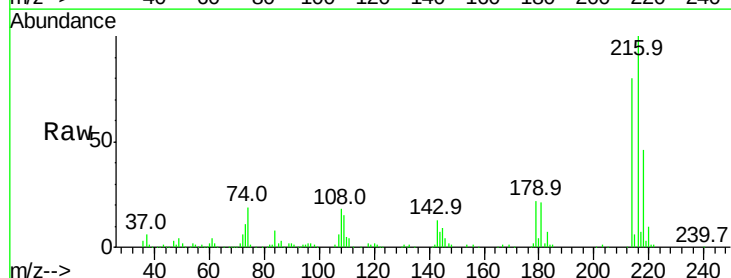
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

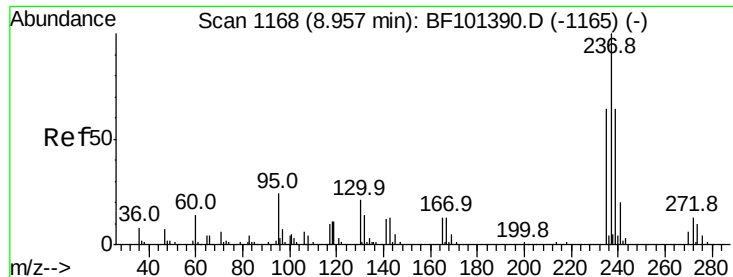
Tot Ion:164 Resp: 278203
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 47.7 38.3 57.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.168 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:216 Resp: 273968
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 20.7 18.1 27.1
108 17.9 17.2 25.8

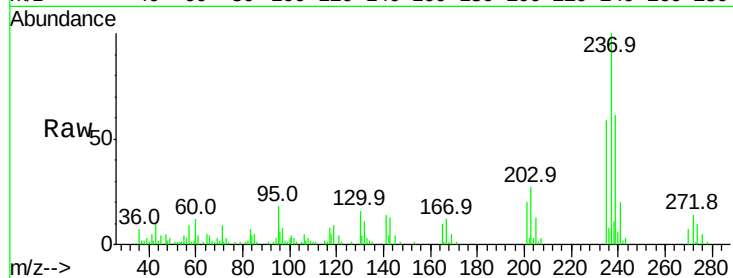




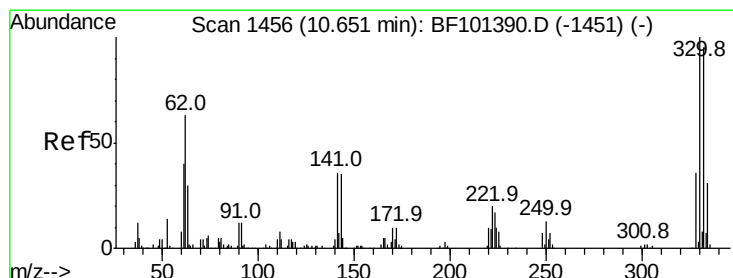
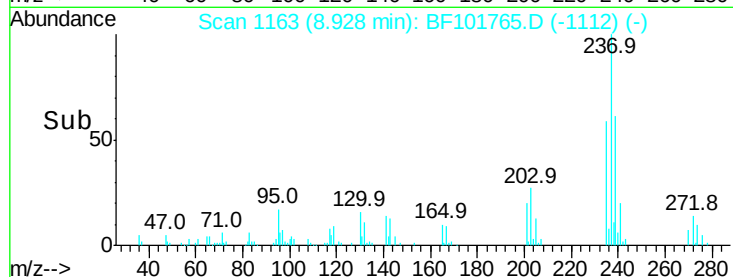
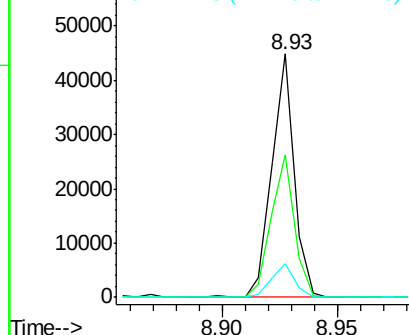
#40
Hexachlorocyclopentadiene
Concen: 29.943 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

Tot Ion:237 Resp: 30145
Ion Ratio Lower Upper
237 100
235 58.6 44.8 84.8
272 13.7 0.0 33.3

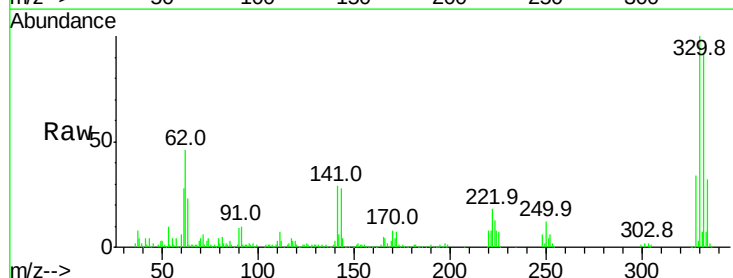


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

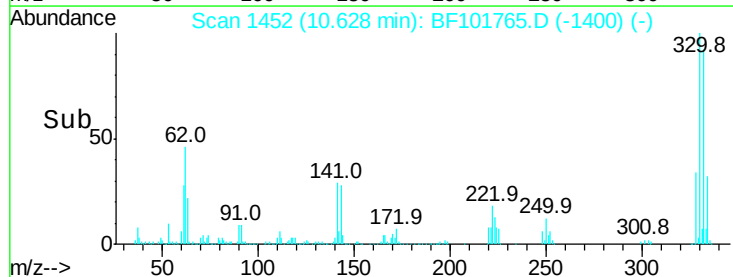
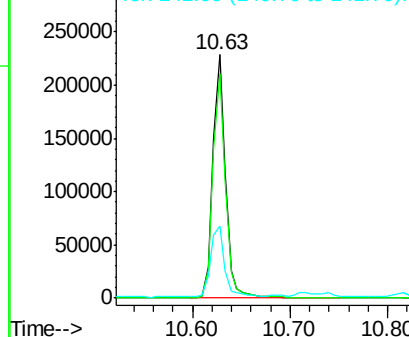


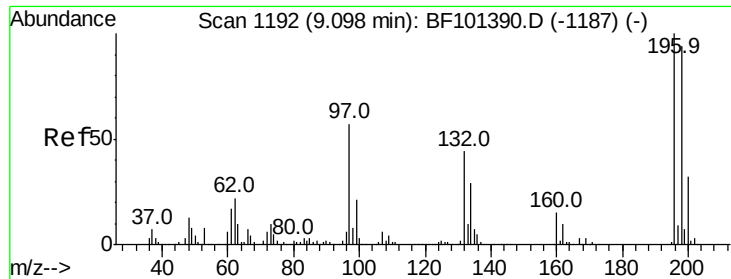
#41
2,4,6-Tribromophenol
Concen: 77.134 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:330 Resp: 206773
Ion Ratio Lower Upper
330 100
332 93.4 77.0 115.6
141 33.9 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

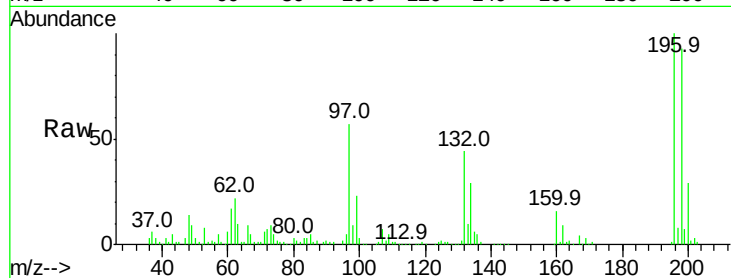




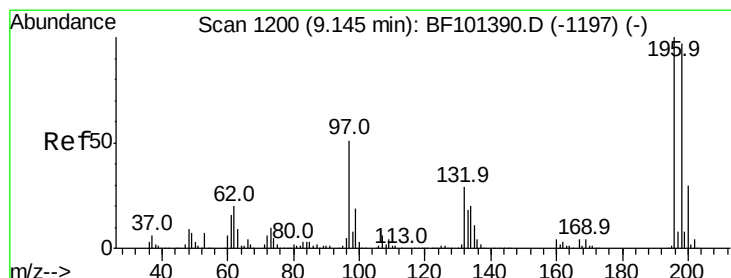
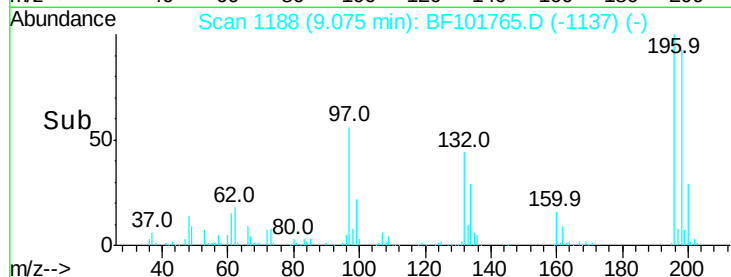
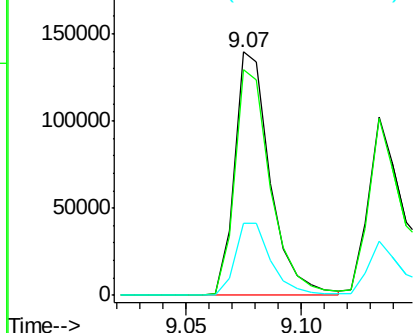
#42
 2,4,6-Trichlorophenol
 Concen: 26.542 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

Tot Ion:196 Resp: 150090
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.7 113.5
 200 29.4 24.5 36.7

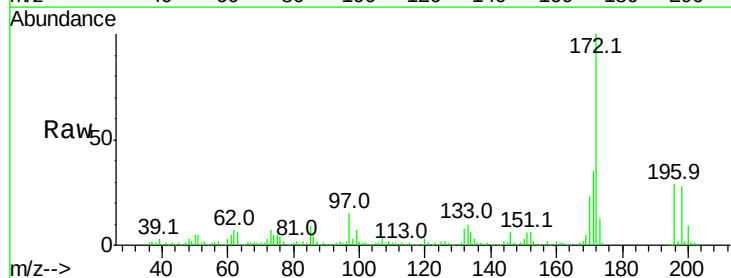


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

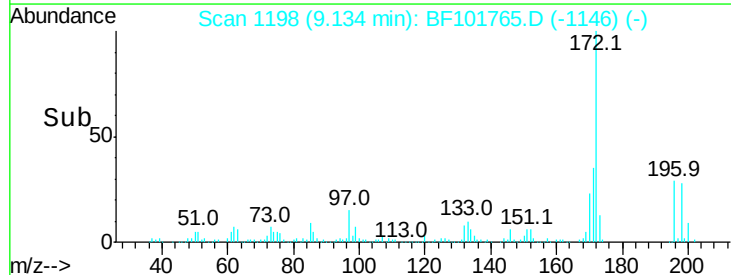
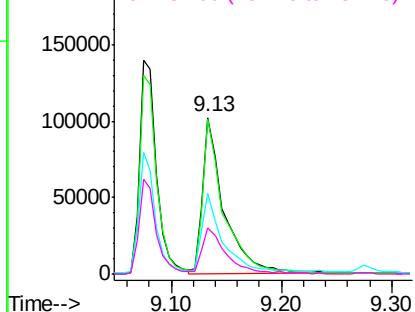


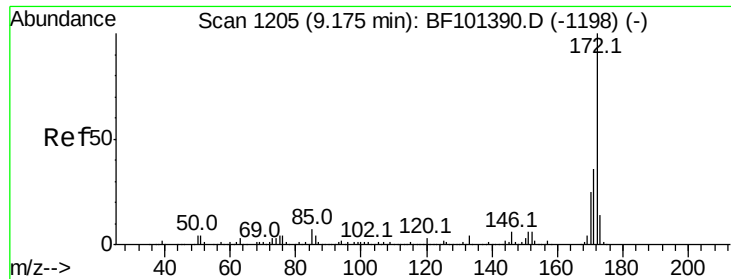
#43
 2,4,5-Trichlorophenol
 Concen: 21.711 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:196 Resp: 134426
 Ion Ratio Lower Upper
 196 100
 198 99.1 74.6 112.0
 97 51.4 42.9 64.3
 132 29.5 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

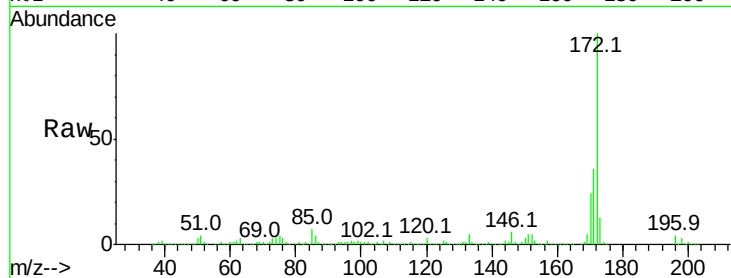




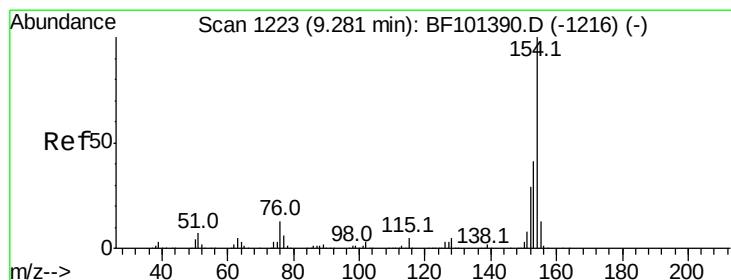
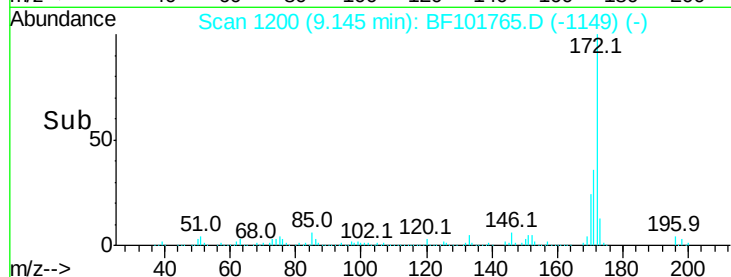
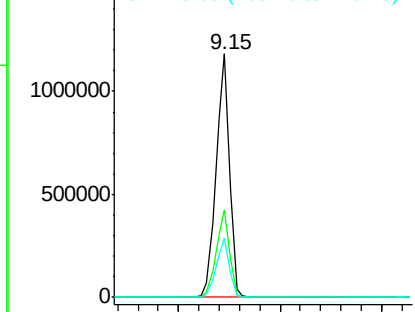
#44
2-Fluorobiphenyl
Concen: 60.157 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

Tot Ion:172 Resp: 1078877
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 24.2 19.6 29.4

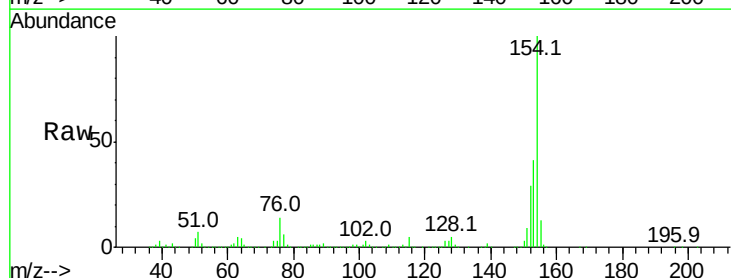


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

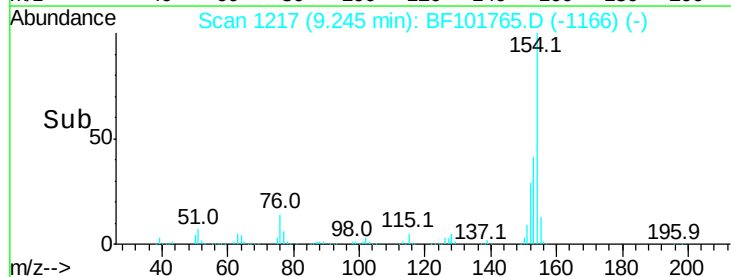
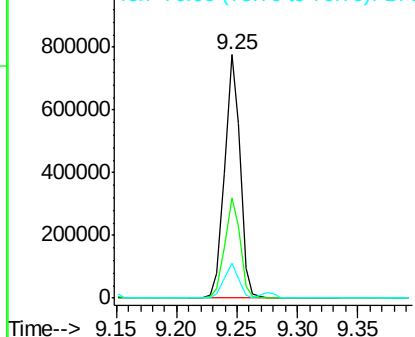


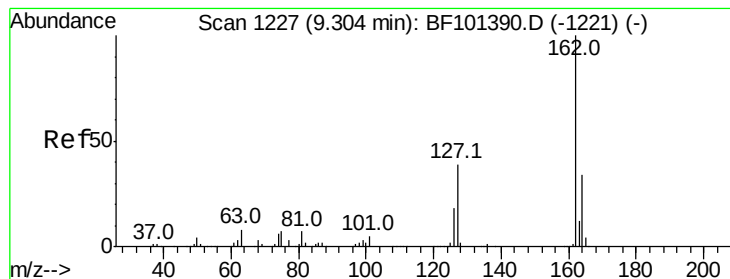
#45
1,1'-Biphenyl
Concen: 27.825 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:154 Resp: 686511
Ion Ratio Lower Upper
154 100
153 41.3 21.3 61.3
76 14.3 0.0 34.0



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





#46

2-Chloronaphthalene

Concen: 27.216 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

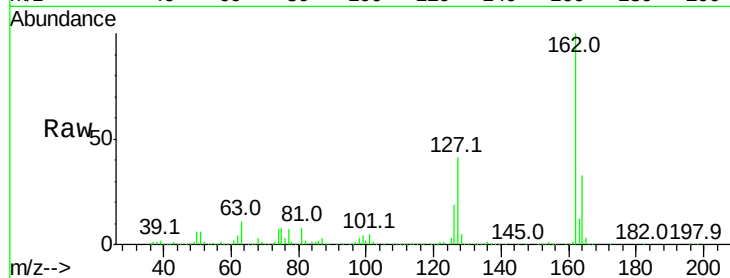
Tot Ion:162 Resp: 513798

Ion Ratio Lower Upper

162 100

127 40.9 33.9 50.9

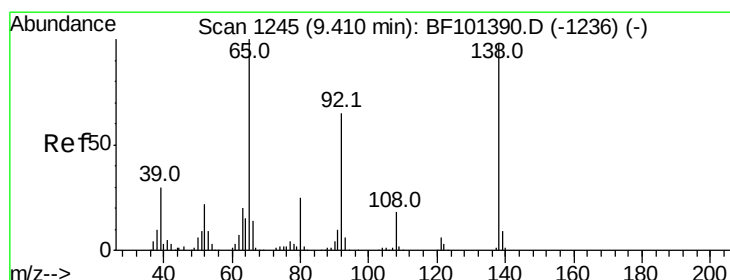
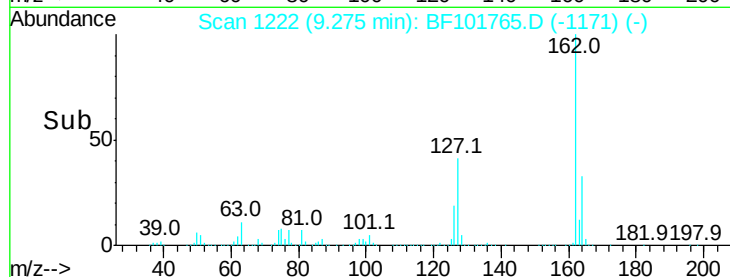
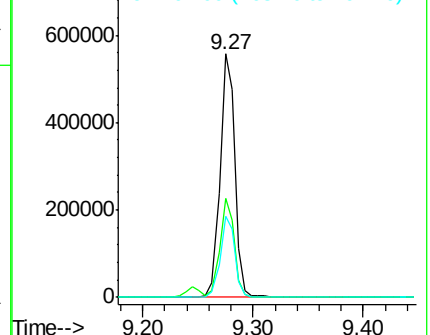
164 33.0 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 25.999 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

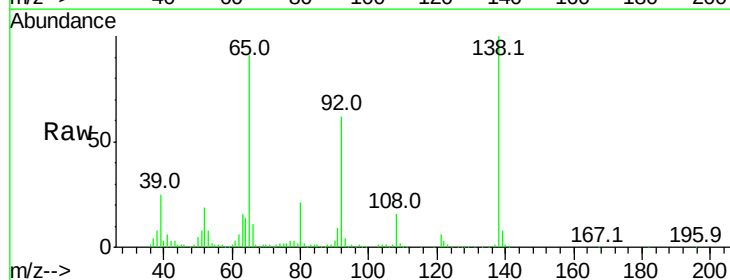
Tgt Ion: 65 Resp: 169554

Ion Ratio Lower Upper

65 100

92 67.7 55.8 83.6

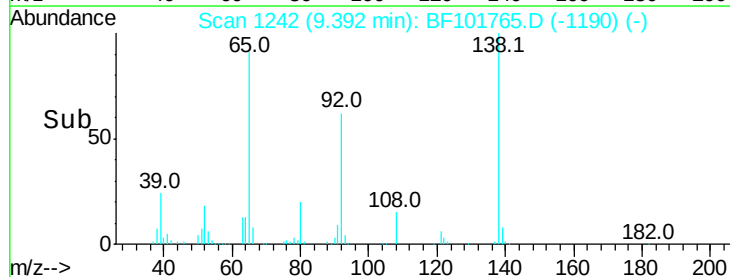
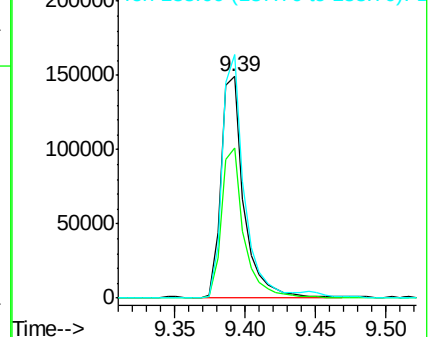
138 109.8 91.2 136.8

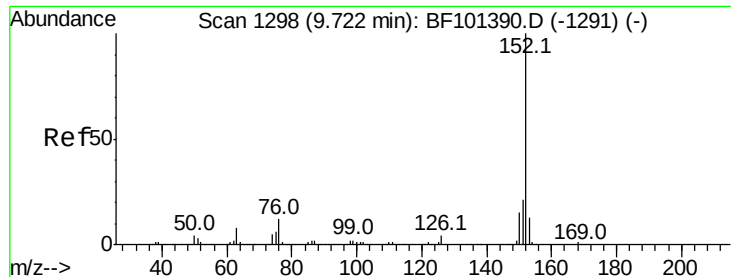


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 25.217 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

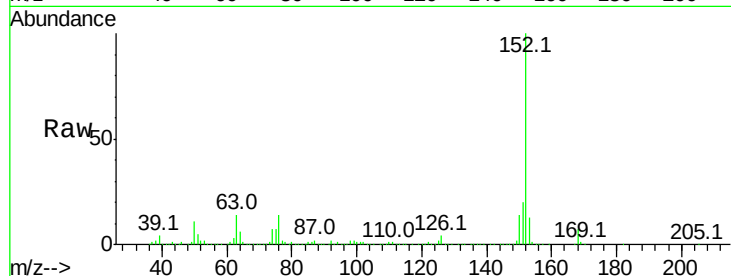
Tot Ion:152 Resp: 751924

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

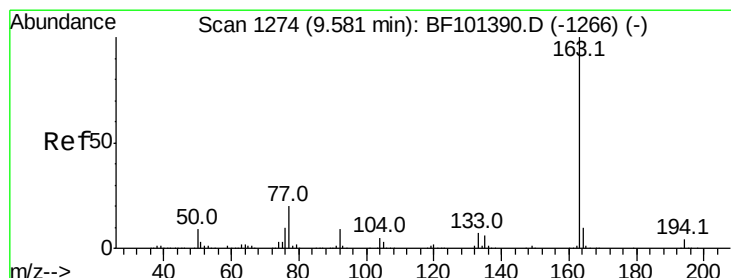
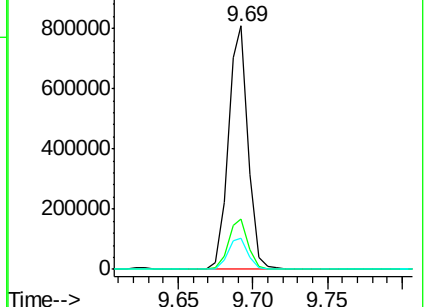
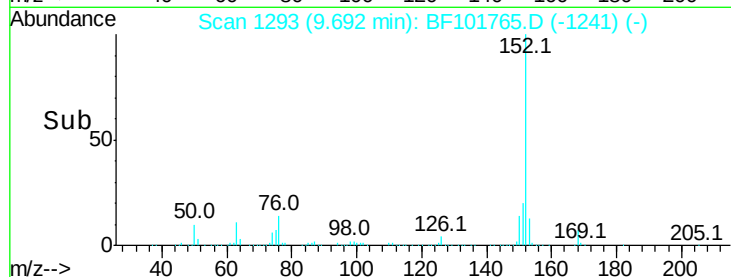
153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 33.788 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

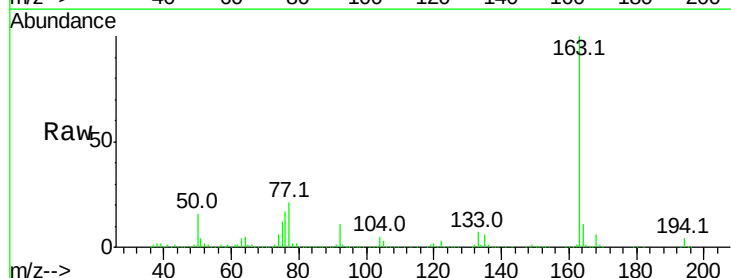
Tgt Ion:163 Resp: 756087

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

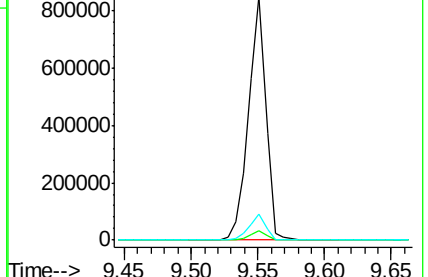
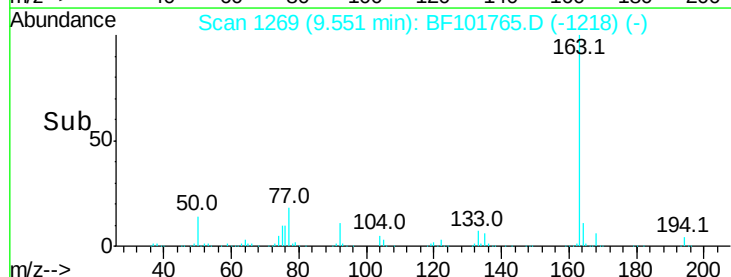
164 10.5 8.2 12.2

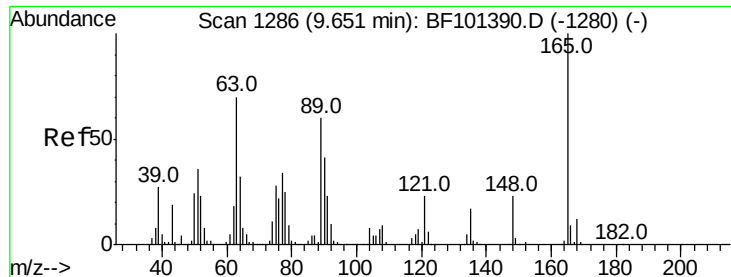


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 27.466 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

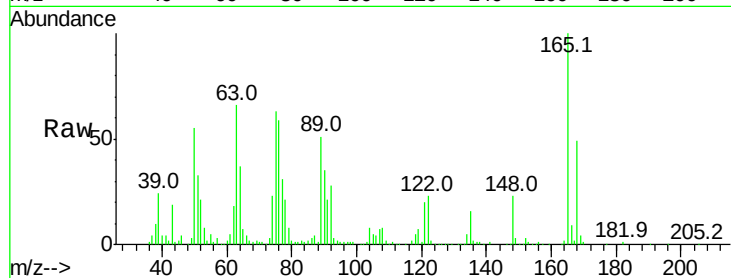
Tot Ion:165 Resp: 124917

Ion Ratio Lower Upper

165 100

63 66.4 44.7 67.1

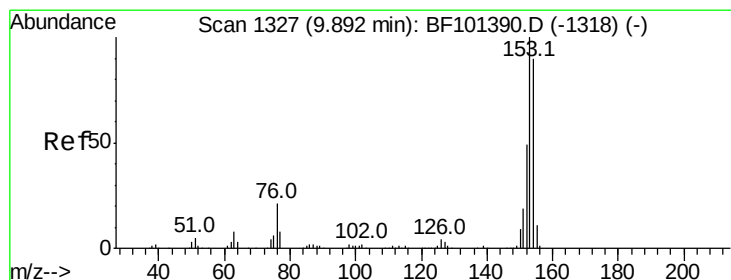
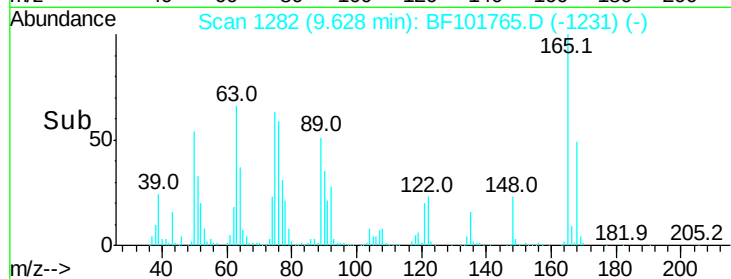
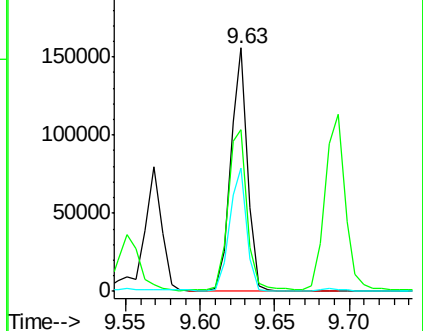
89 50.7 44.0 66.0



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: 26.149 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

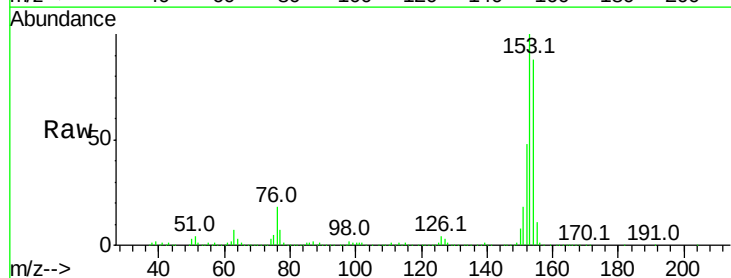
Tgt Ion:154 Resp: 468438

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

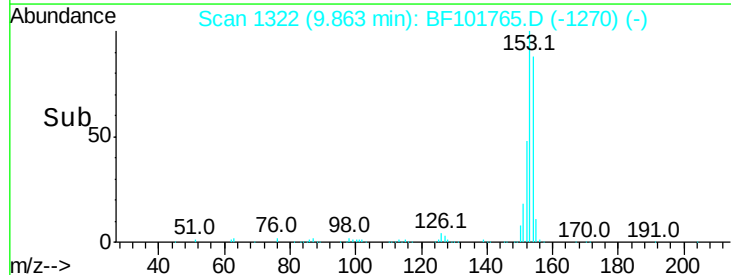
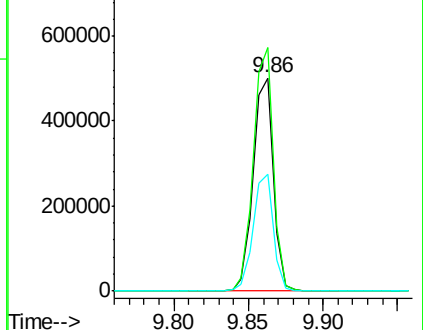
152 55.0 43.8 65.8

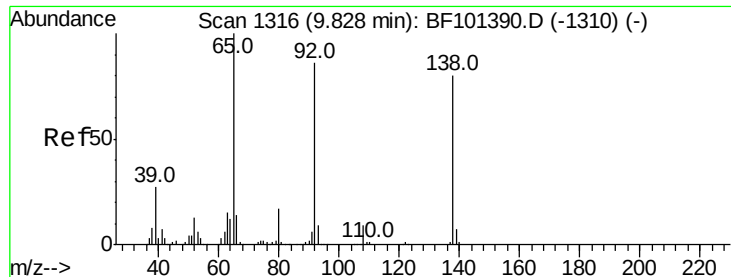


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 19.453 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

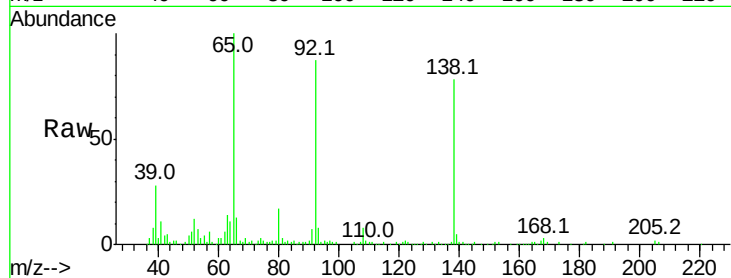
Tot Ion:138 Resp: 110308

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

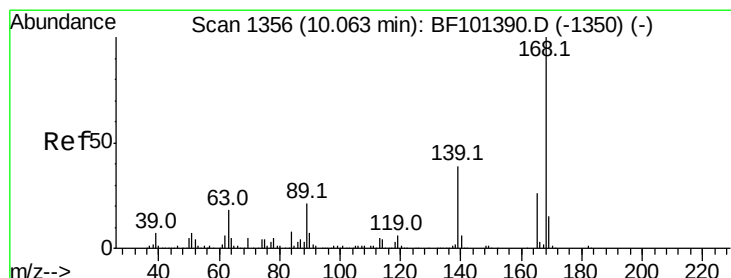
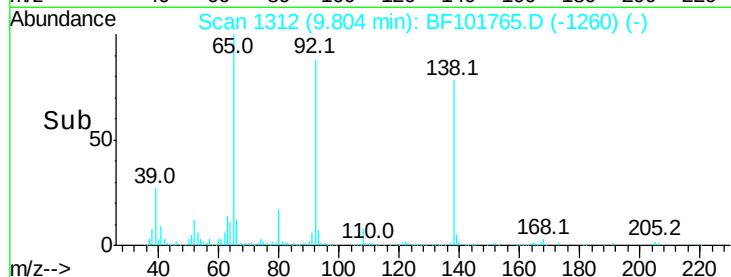
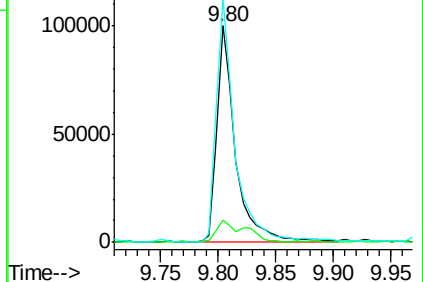
92 112.5 89.4 134.2



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



#54

Dibenzofuran

Concen: 29.301 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

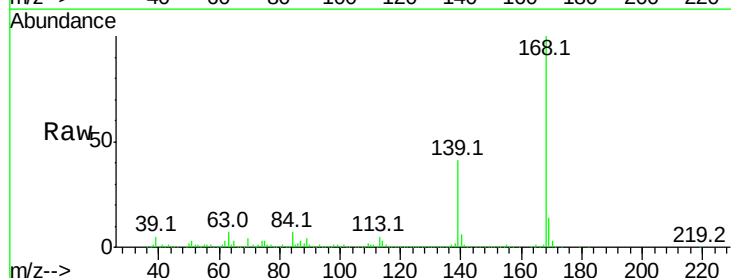
Tgt Ion:168 Resp: 667083

Ion Ratio Lower Upper

168 100

139 40.7 30.1 45.1

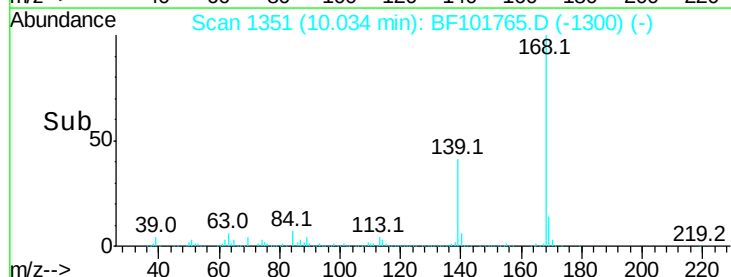
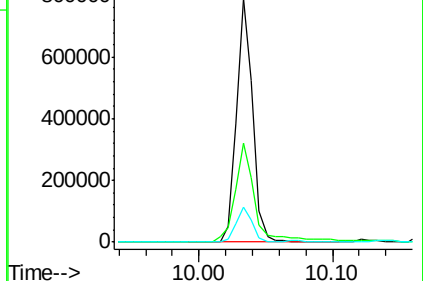
169 14.3 10.9 16.3

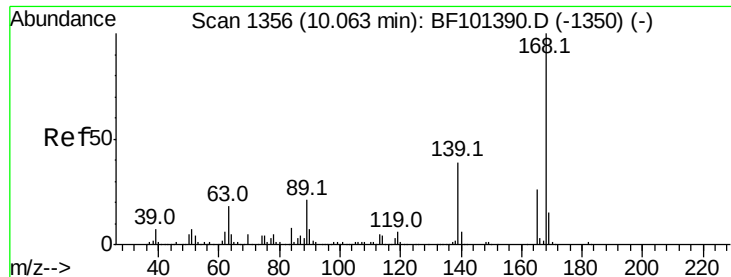


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

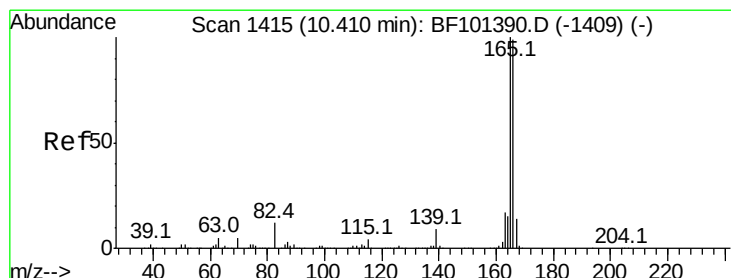
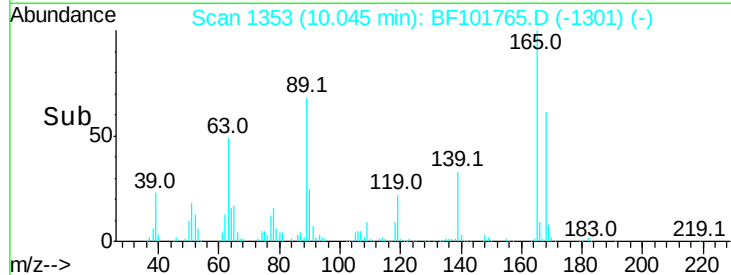
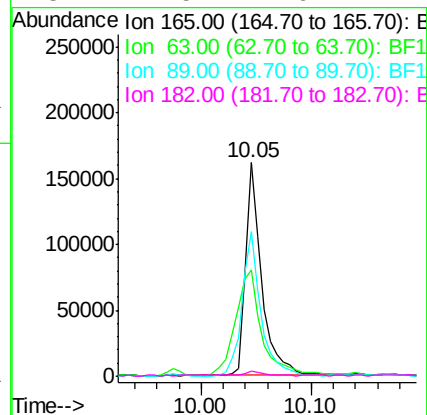
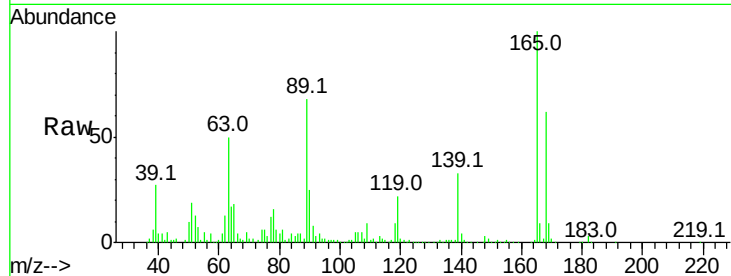




#56
 2,4-Dinitrotoluene
 Concen: 32.776 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

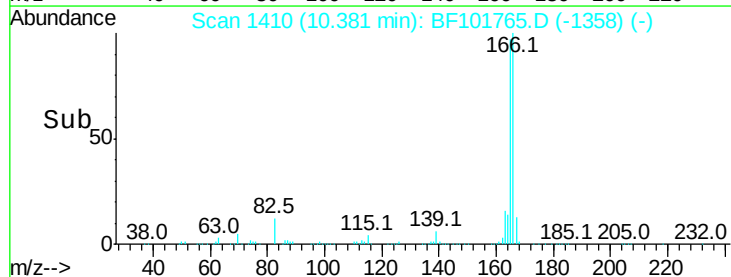
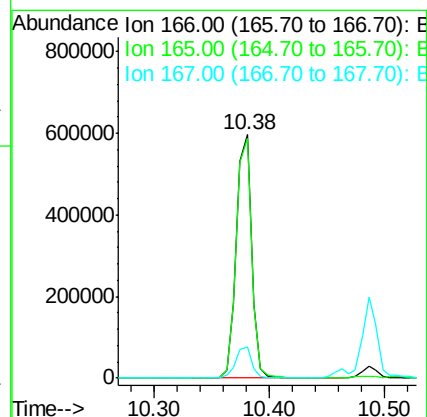
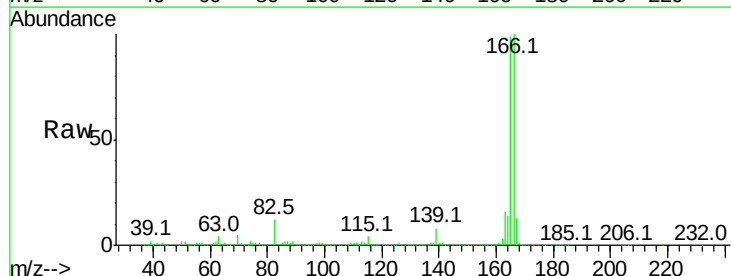
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

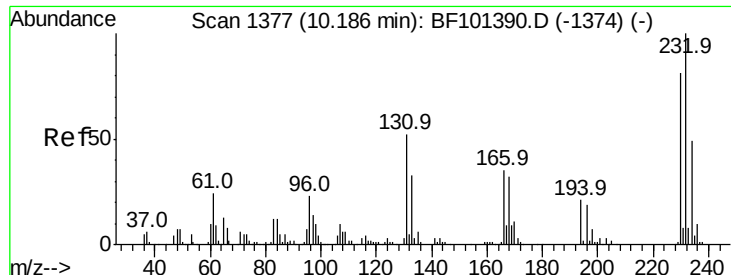
Tot Ion:165 Resp: 167949
 Ion Ratio Lower Upper
 165 100
 63 49.6 36.4 54.6
 89 67.9 57.8 86.6
 182 2.5 1.6 2.4#



#57
 Fluorene
 Concen: 28.377 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:166 Resp: 546510
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 12.8 10.6 16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 15.691 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

Tot Ion:232 Resp: 69802

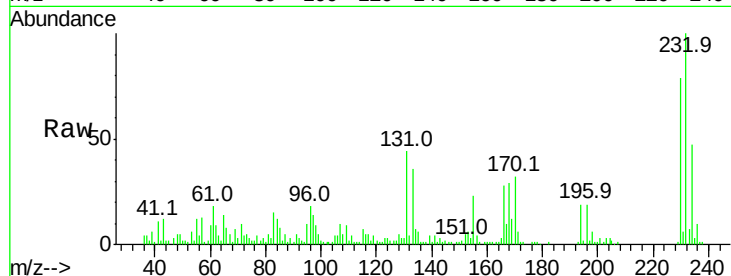
Ion Ratio Lower Upper

232 100

131 44.0 43.8 65.8

130 3.3 2.1 3.1#

166 26.0 27.8 41.6#

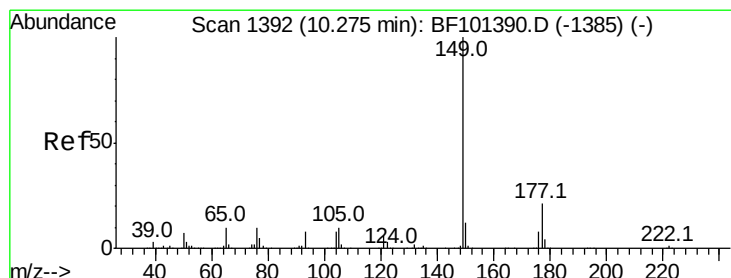
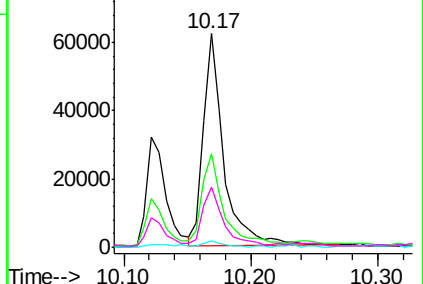
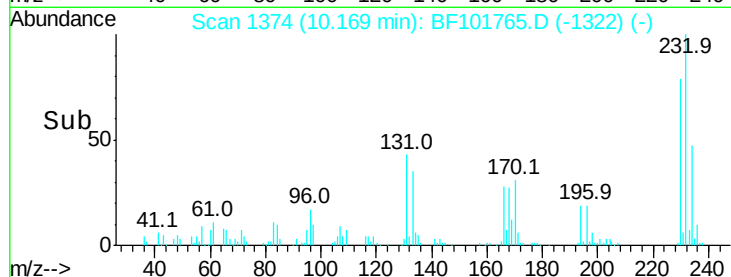


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 25.206 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

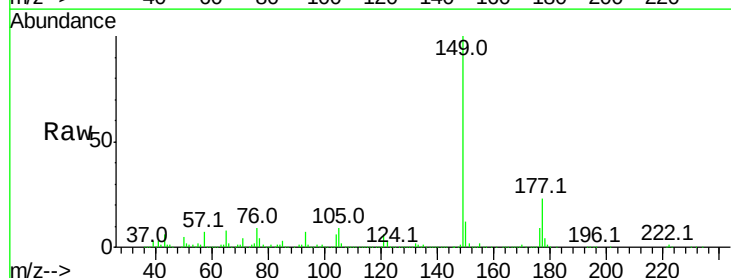
Tgt Ion:149 Resp: 558566

Ion Ratio Lower Upper

149 100

177 23.2 16.1 24.1

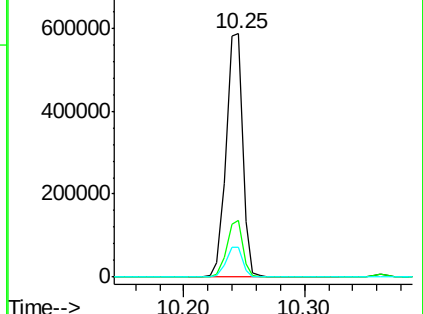
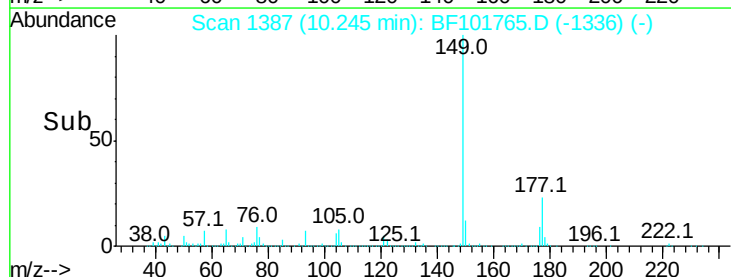
150 12.2 10.1 15.1

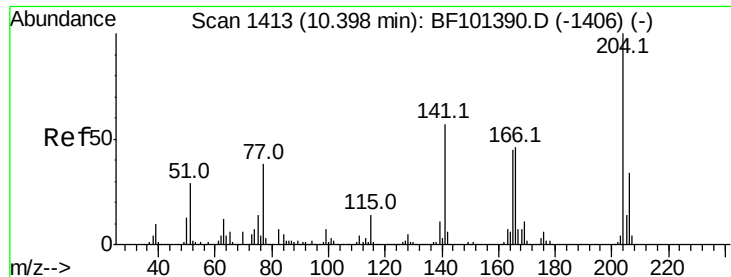


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

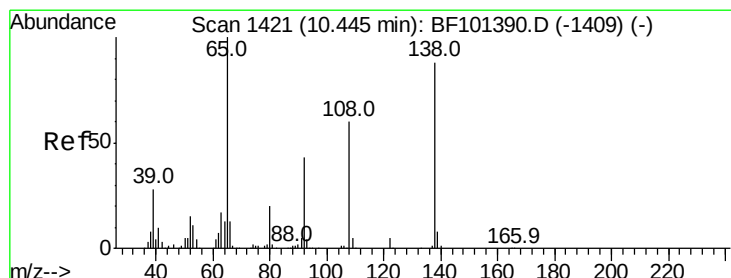
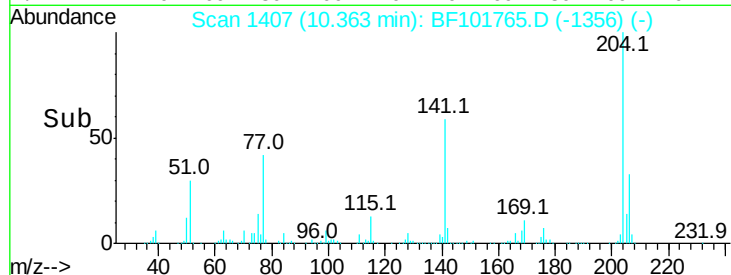
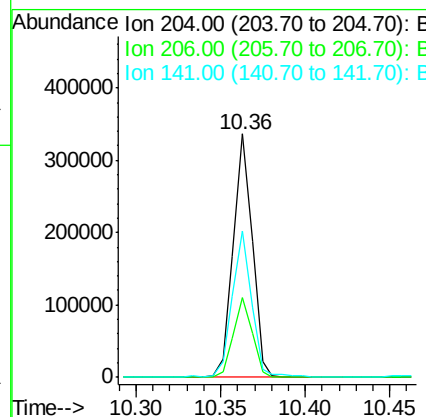
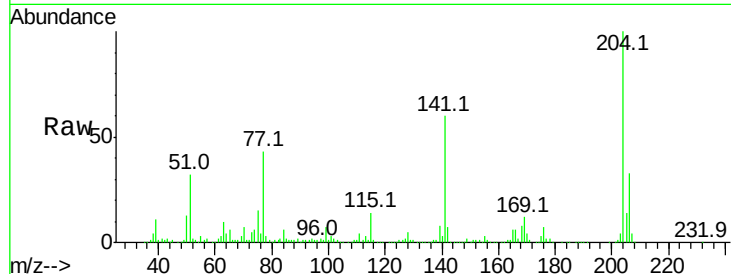




#60
4-Chlorophenyl-phenylether
Concen: 28.590 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

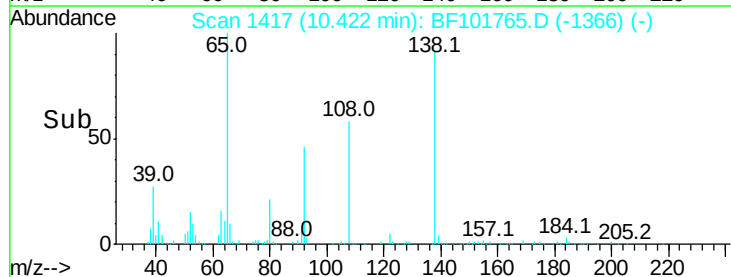
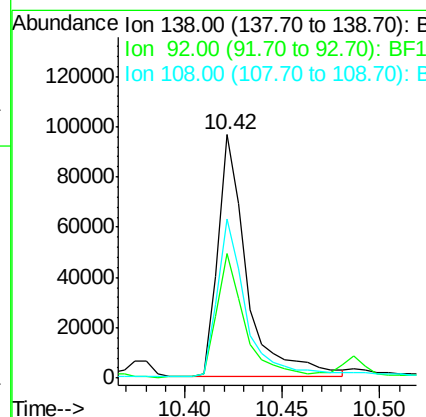
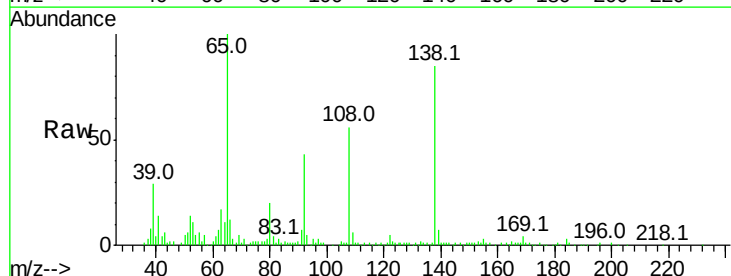
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

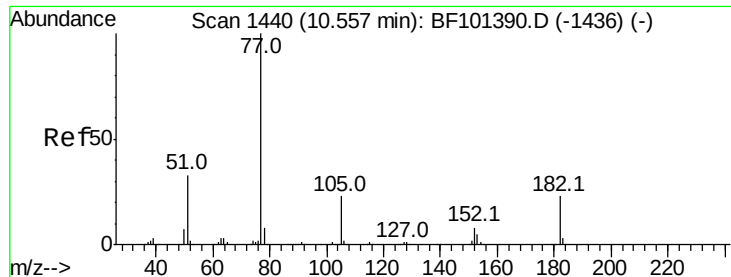
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	60.1	54.6	81.8



#61
4-Nitroaniline
Concen: 17.537 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	30.2	70.2
108	65.5	52.5	92.5





#62

Azobenzene

Concen: 34.433 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

Tot Ion: 77 Resp: 790455

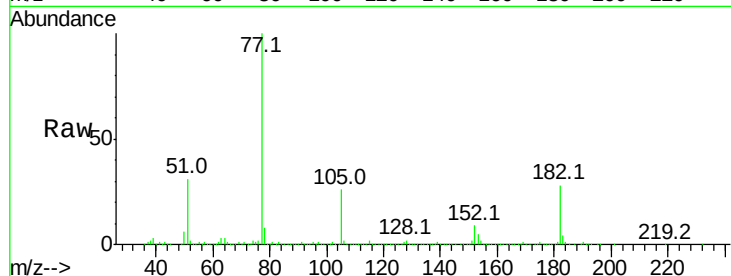
Ion Ratio Lower Upper

77 100

182 28.2 1.7 41.7

105 26.0 3.0 43.0

51 30.6 9.9 49.9

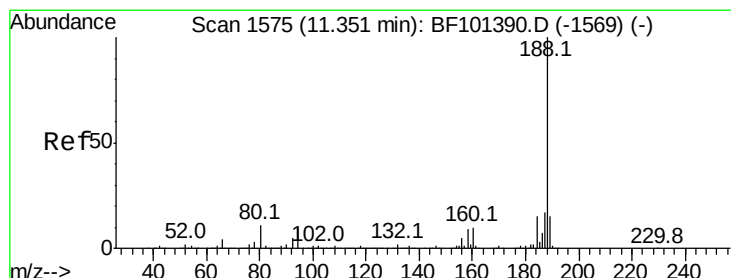
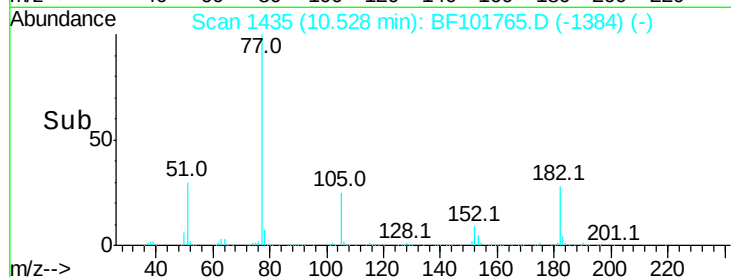
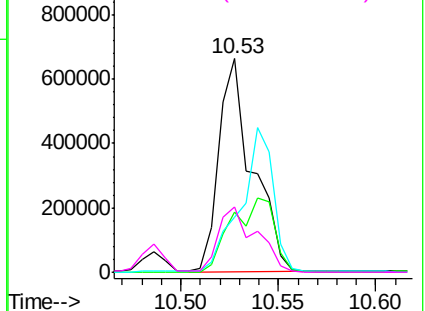


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

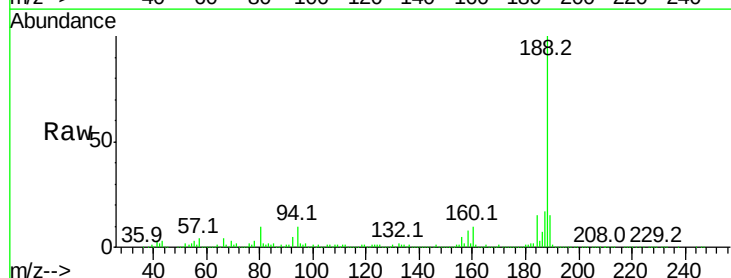
Tgt Ion: 188 Resp: 487927

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

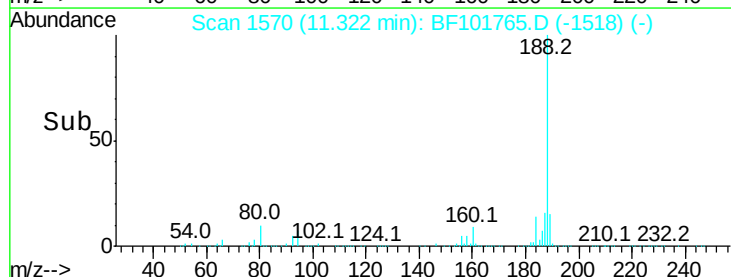
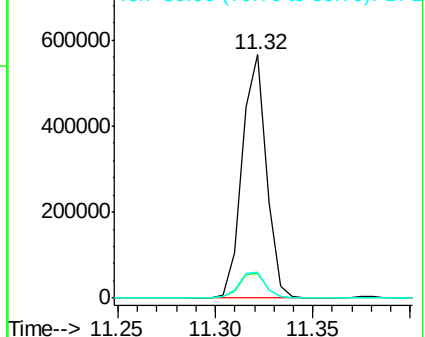
80 10.4 9.2 13.8

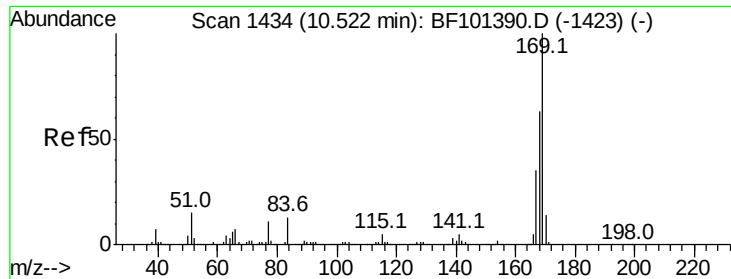


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

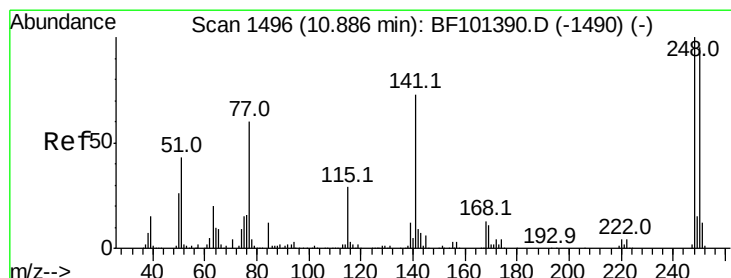
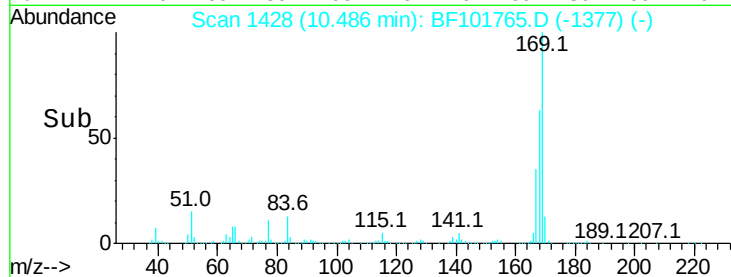
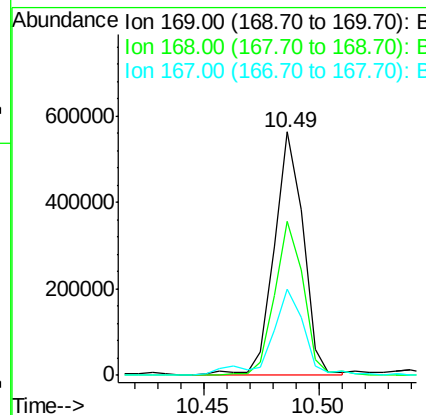
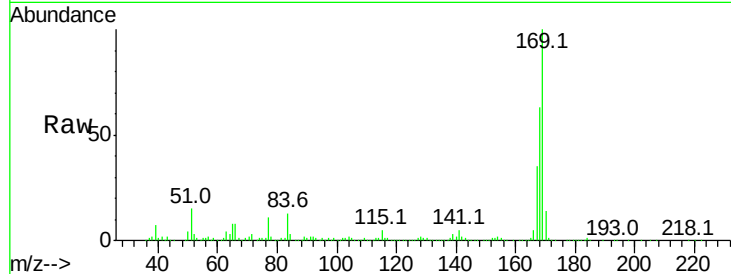




#65
 n-Nitrosodiphenylamine
 Concen: 27.111 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

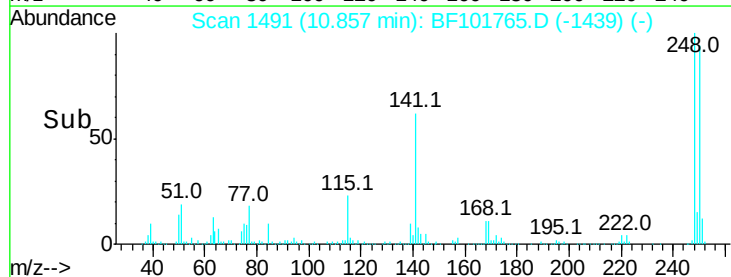
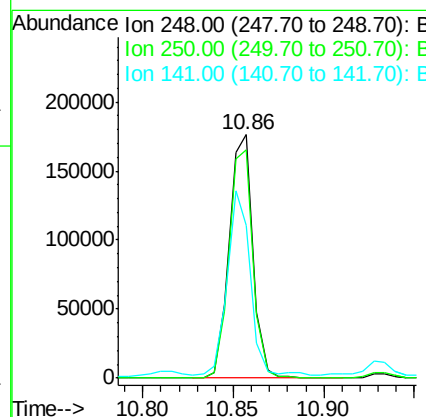
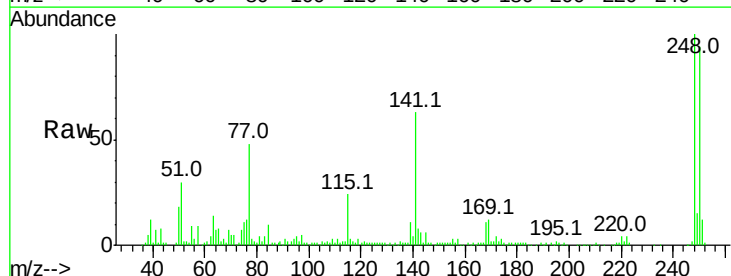
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

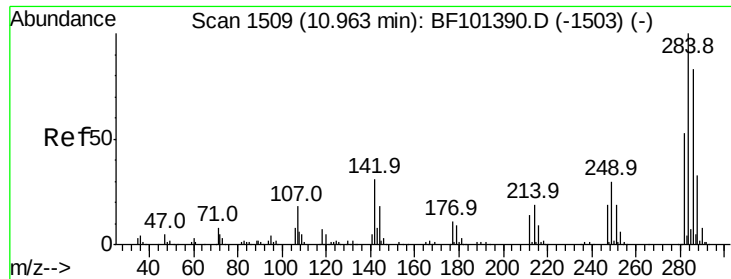
Tot Ion:169 Resp: 488443
 Ion Ratio Lower Upper
 169 100
 168 63.5 54.4 81.6
 167 35.5 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 29.280 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:248 Resp: 160528
 Ion Ratio Lower Upper
 248 100
 250 94.0 76.9 115.3
 141 62.9 74.4 111.6#





#67

Hexachlorobenzene

Concen: 28.526 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

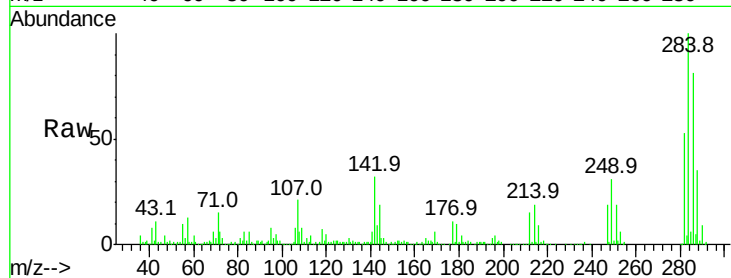
Tot Ion:284 Resp: 165520

Ion Ratio Lower Upper

284 100

142 31.8 34.6 52.0#

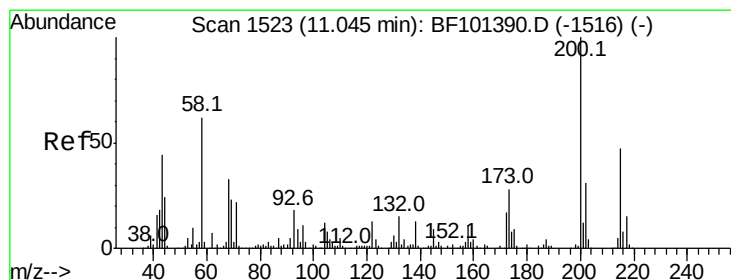
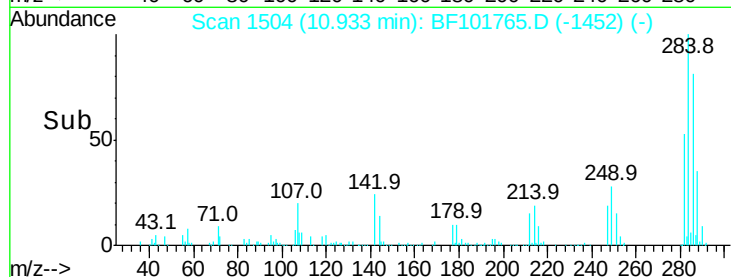
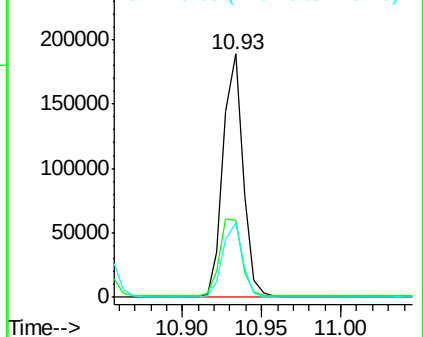
249 30.6 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 28.401 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

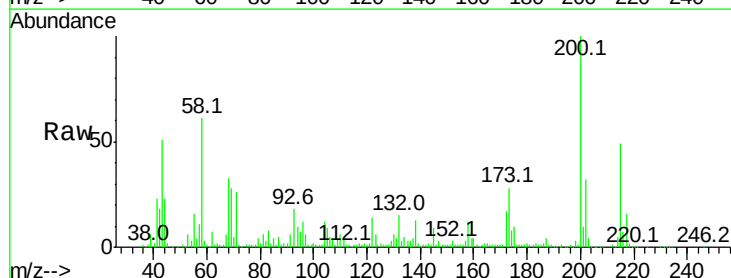
Tgt Ion:200 Resp: 152571

Ion Ratio Lower Upper

200 100

173 28.5 8.6 48.6

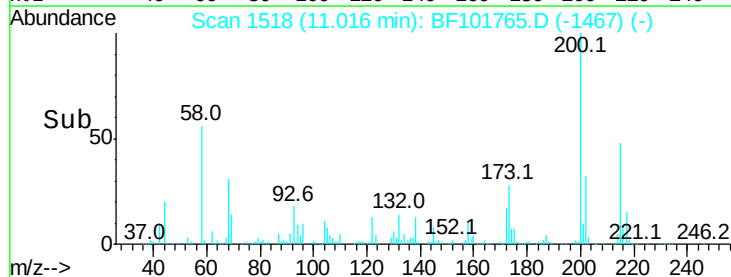
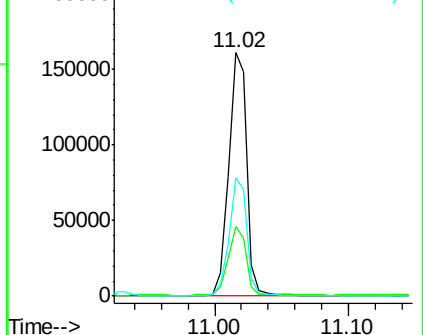
215 48.6 25.1 65.1

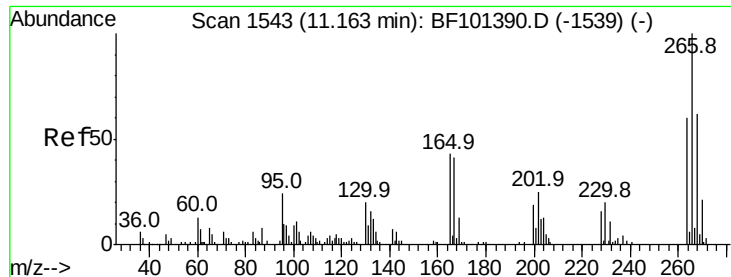


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

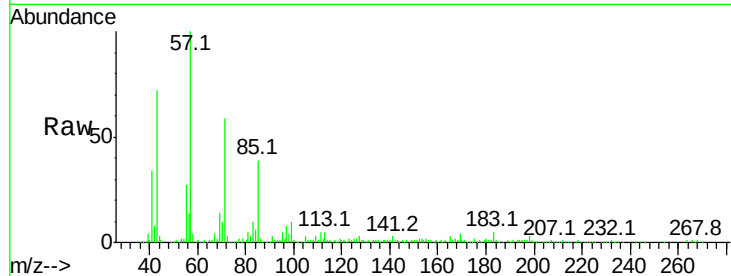




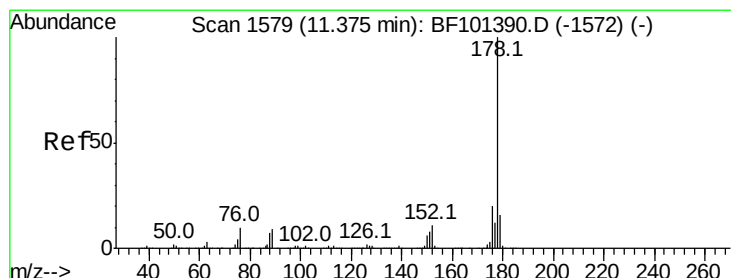
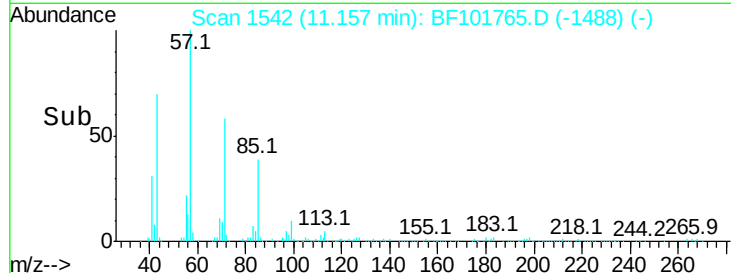
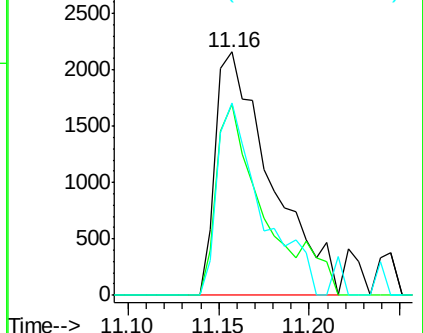
#69
 Pentachlorophenol
 Concen: 8.433 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.02 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

Tot Ion:266 Resp: 4613
 Ion Ratio Lower Upper
 266 100
 268 78.7 51.1 76.7#
 264 78.8 49.5 74.3#

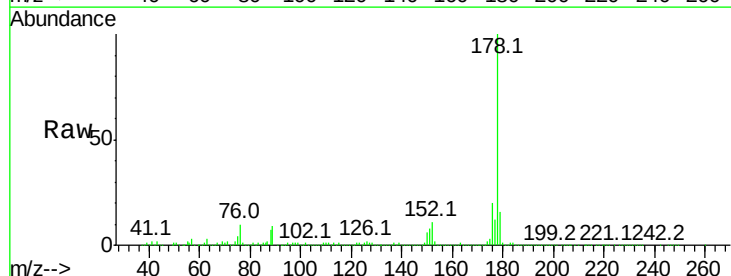


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

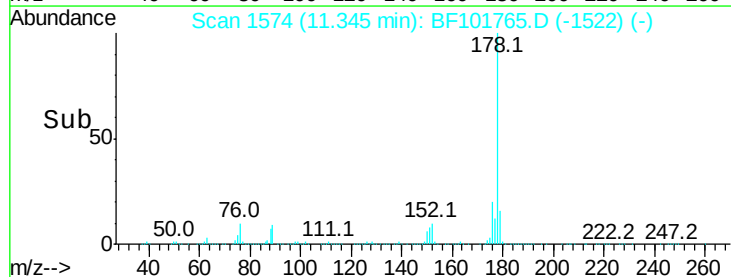
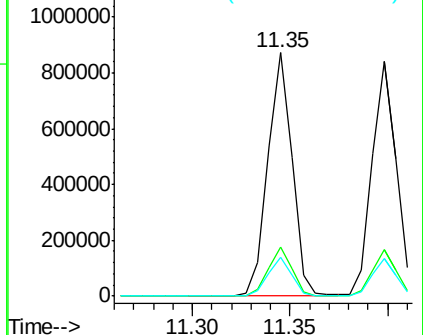


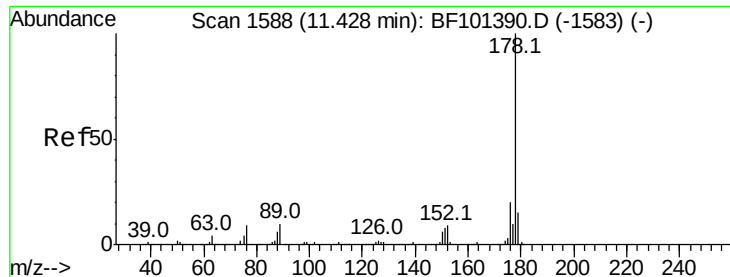
#70
 Phenanthrene
 Concen: 27.709 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:178 Resp: 751864
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.9 13.0 19.6



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

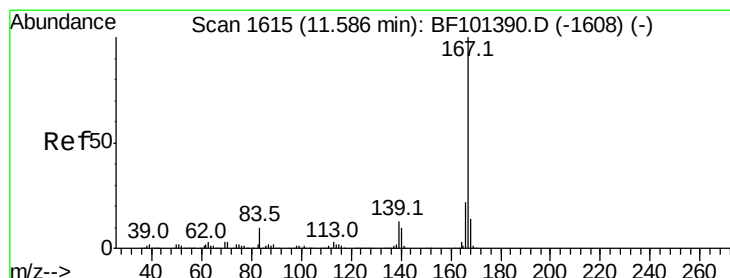
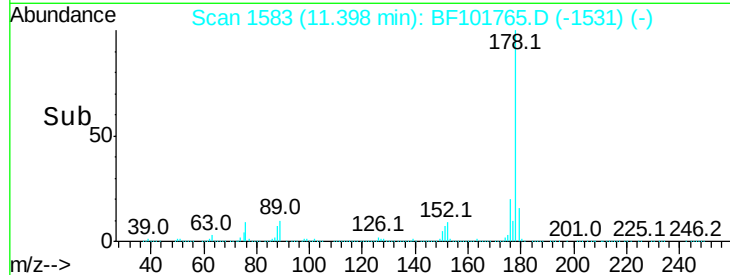
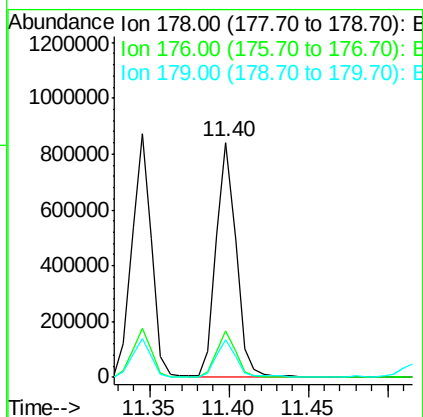
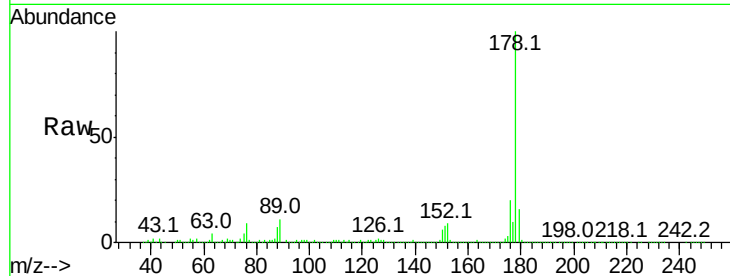




#71
 Anthracene
 Concen: 26.594 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

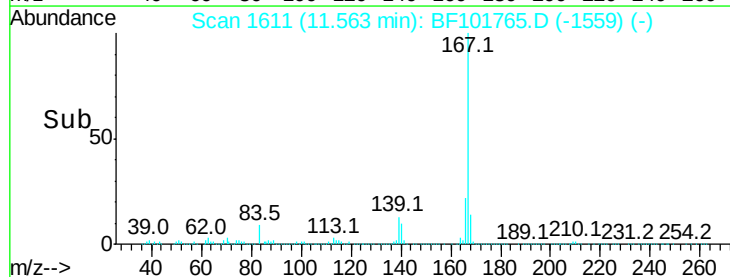
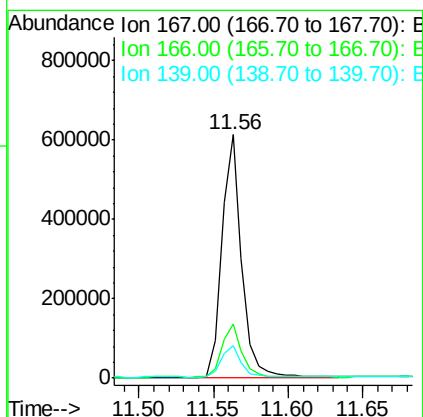
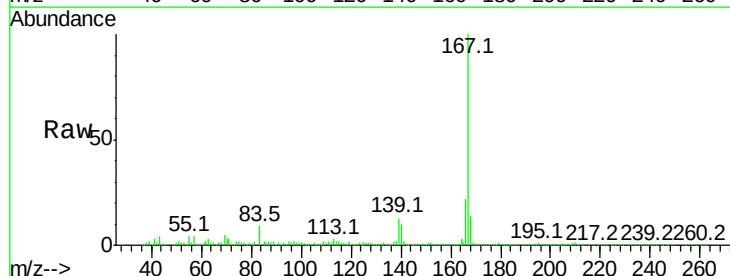
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

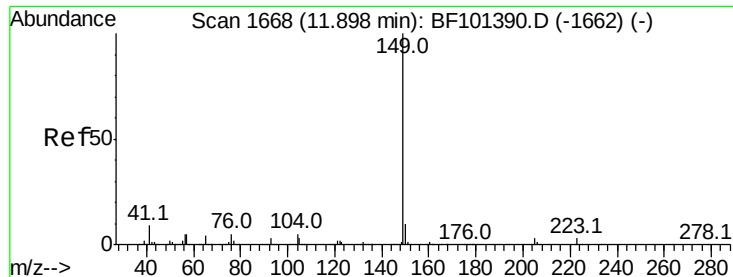
Tot Ion:178 Resp: 737102
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 21.849 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:167 Resp: 566990
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 28.422 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

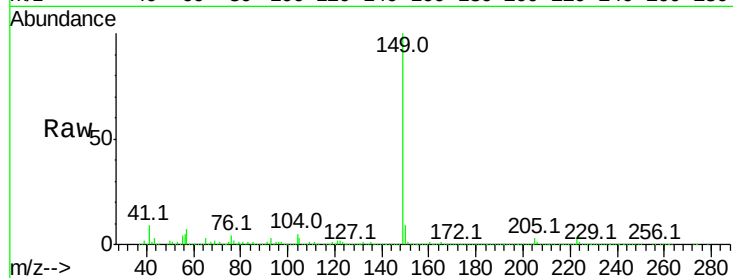
Tot Ion:149 Resp: 895196

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

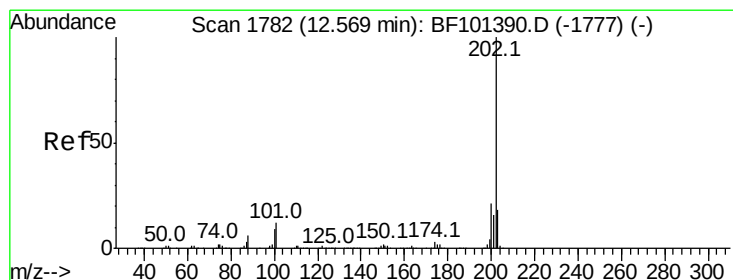
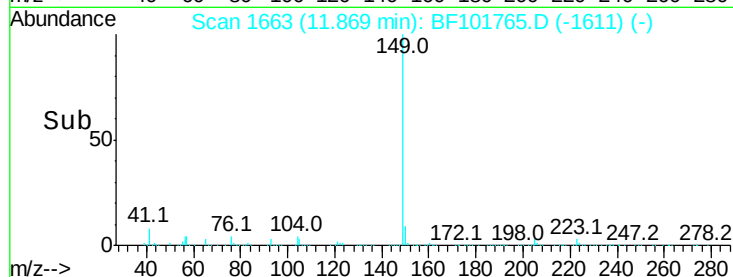
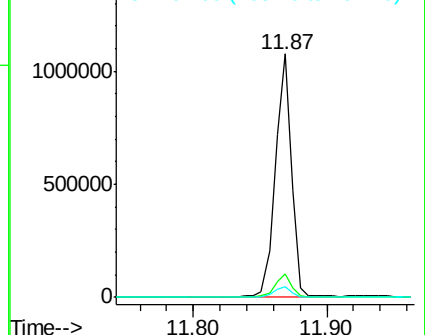
104 4.6 3.8 5.8



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: 23.333 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

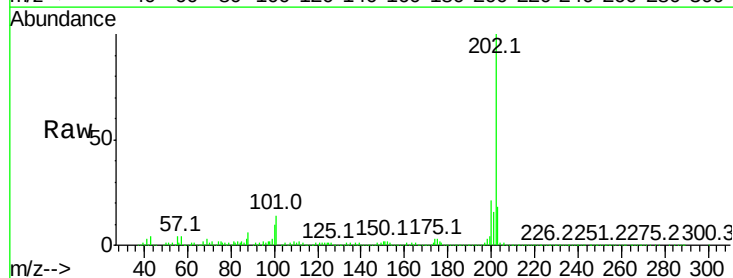
Tgt Ion:202 Resp: 664547

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

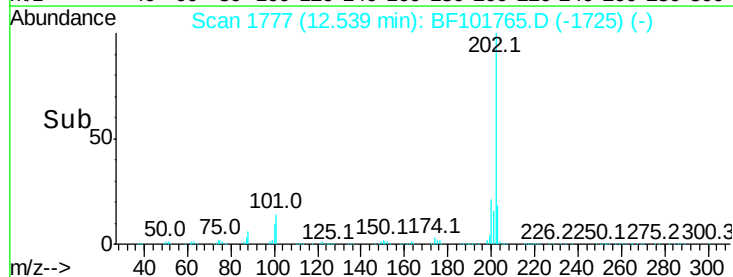
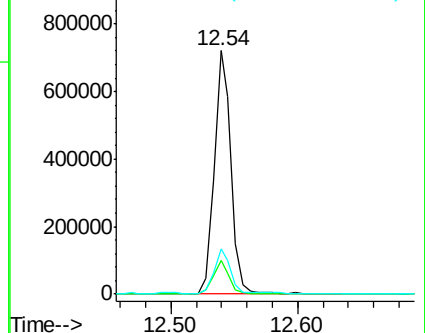
203 18.4 0.0 38.1

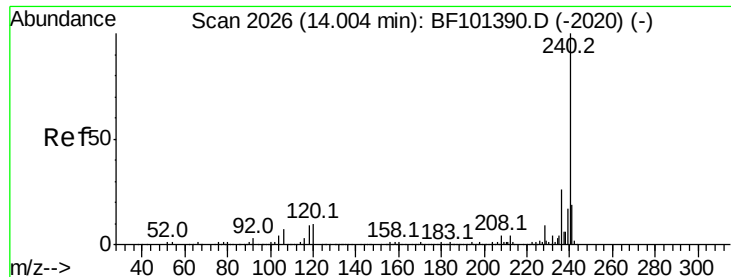


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

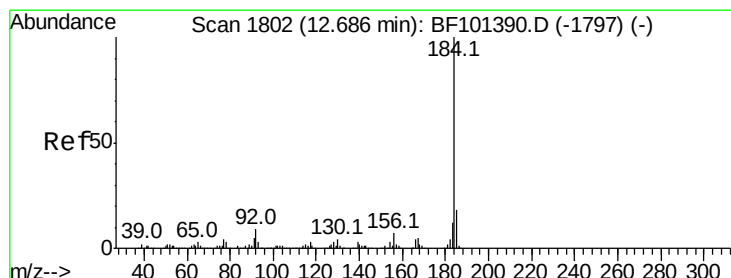
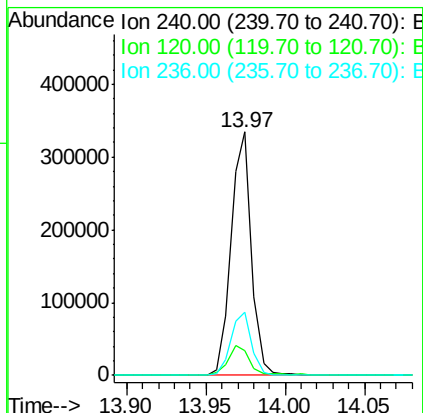
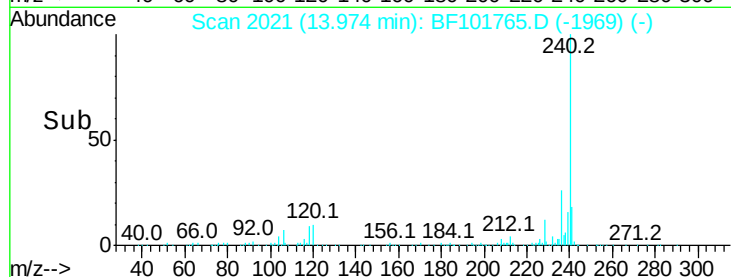
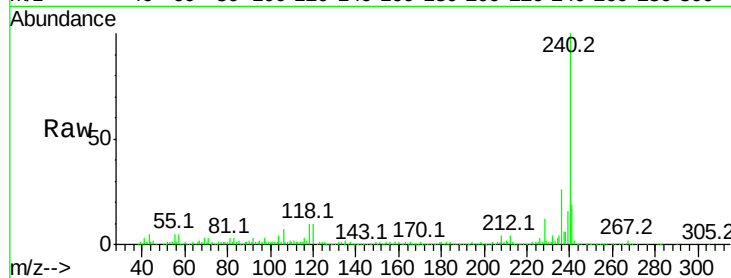
Tot Ion:240 Resp: 297318

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

236 26.0 20.7 31.1



#76

Benzidine

Concen: 5.443 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.02 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

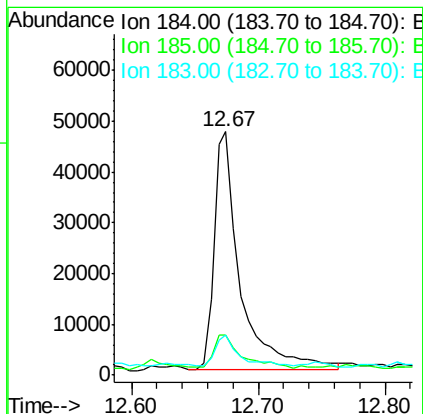
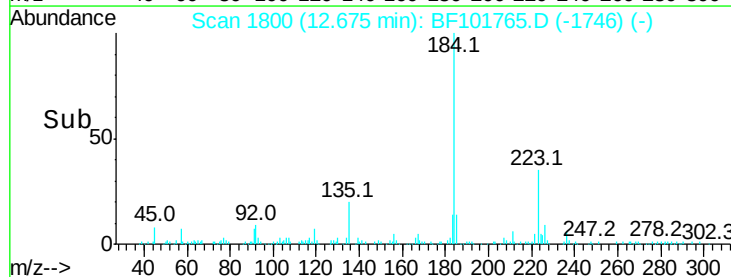
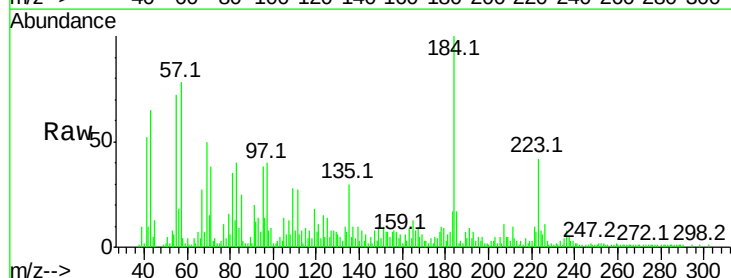
Tgt Ion:184 Resp: 68347

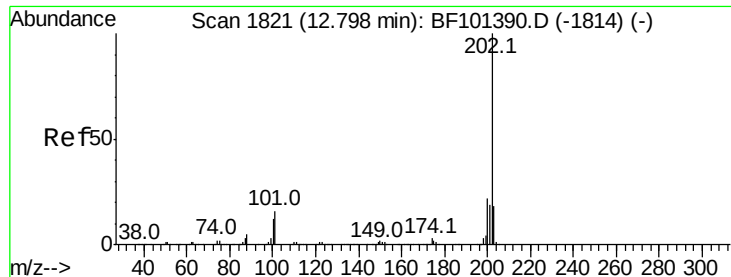
Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

183 16.6 9.3 13.9#





#77

Pvrene

Concen: 28.807 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMS

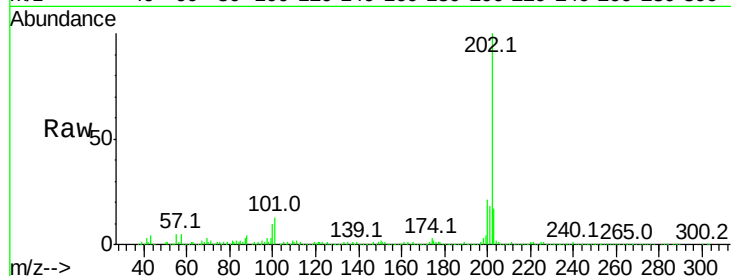
Tot Ion:202 Resp: 642782

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

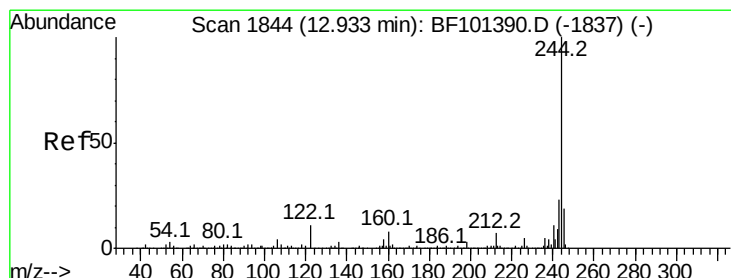
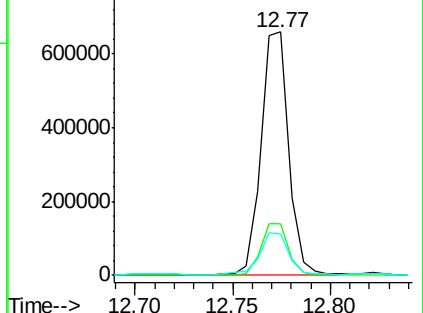
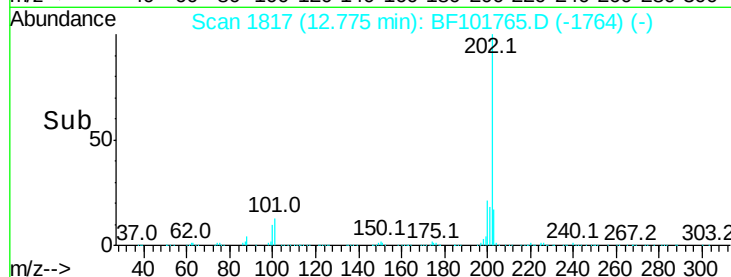
203 17.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.789 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF101765.D

Acq: 27 Dec 2017 16:34

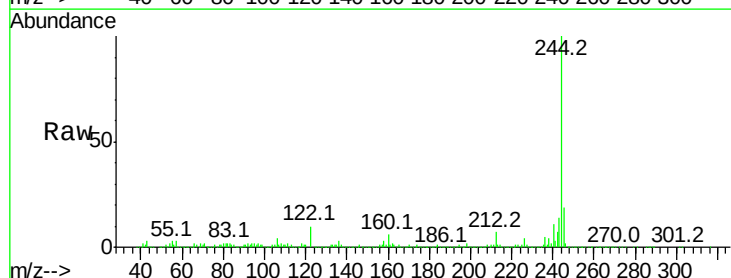
Tgt Ion:244 Resp: 873037

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

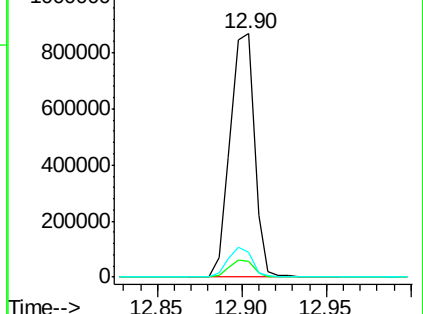
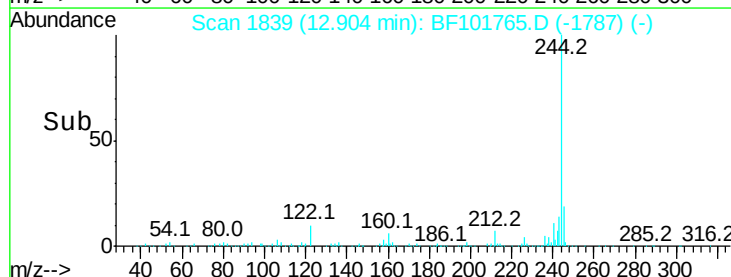
122 10.3 11.0 16.4#

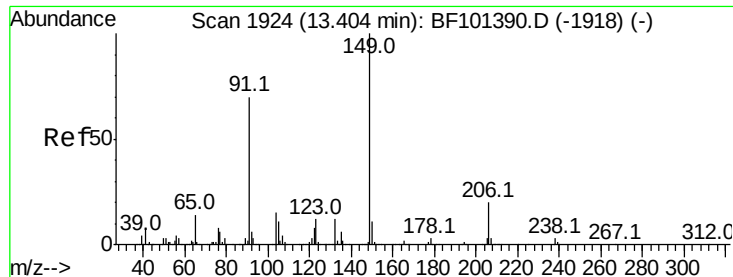


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

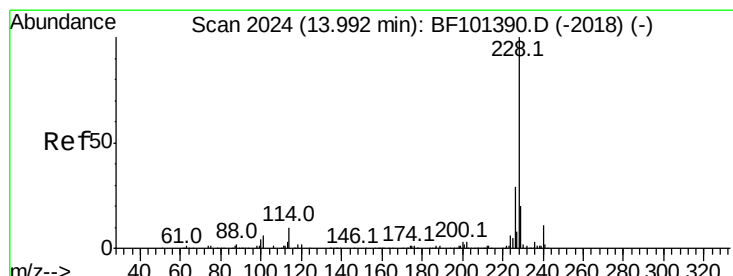
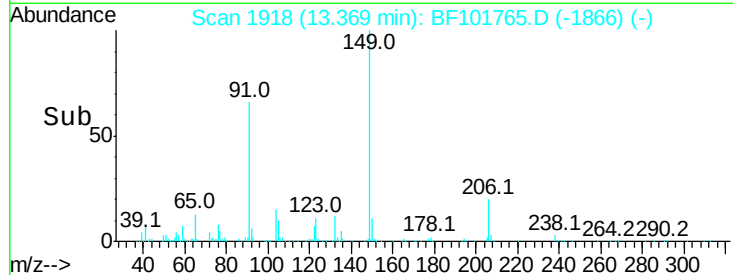
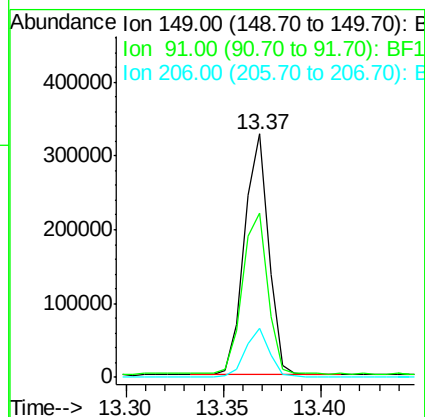
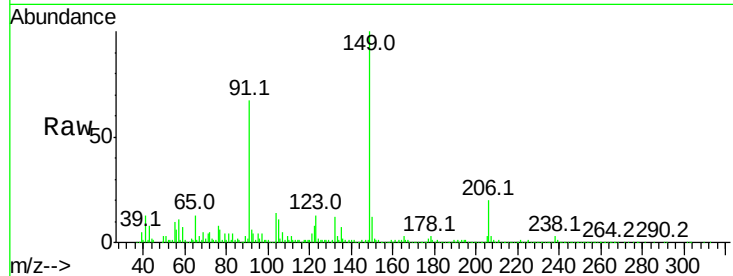




#79
Butylbenzylphthalate
Concen: 27.862 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

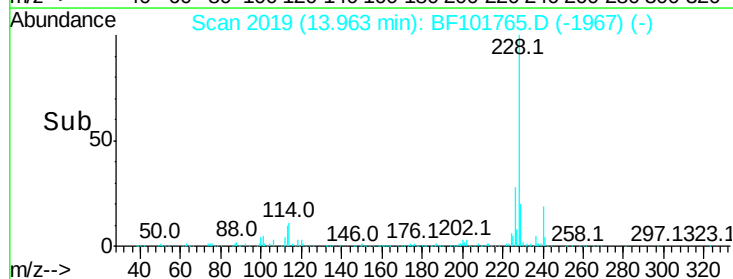
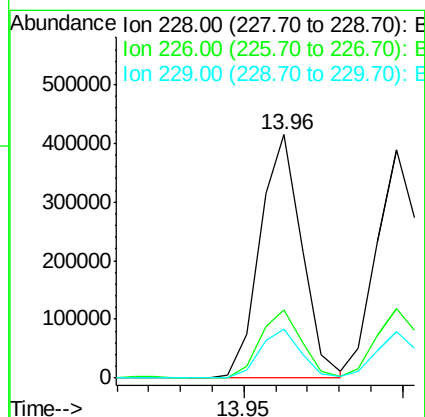
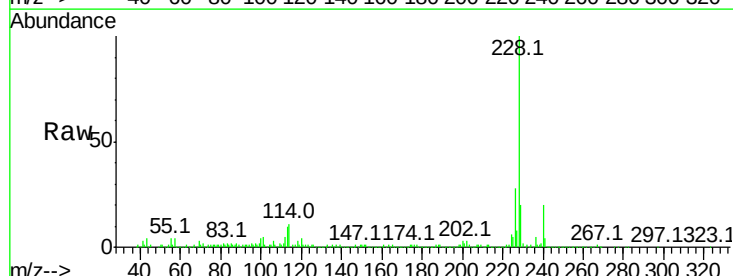
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

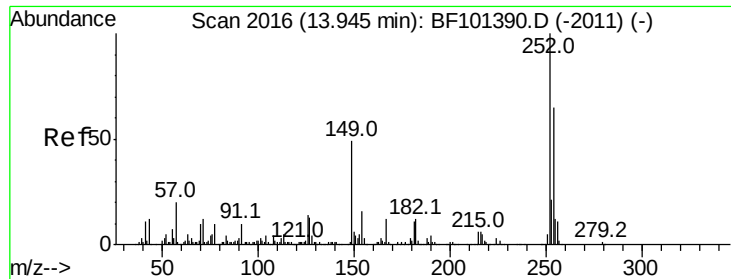
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.3	56.8	85.2
206	19.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 19.285 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.2	15.8	23.6

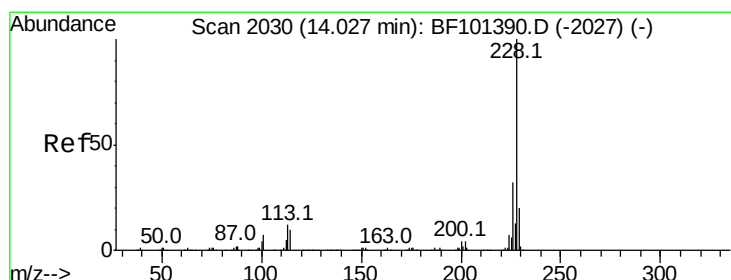
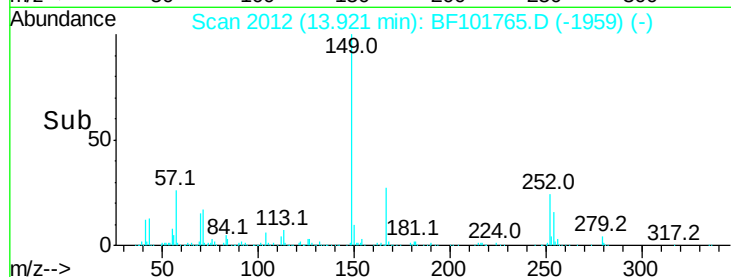
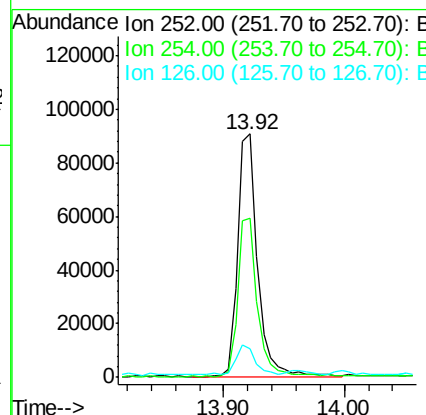
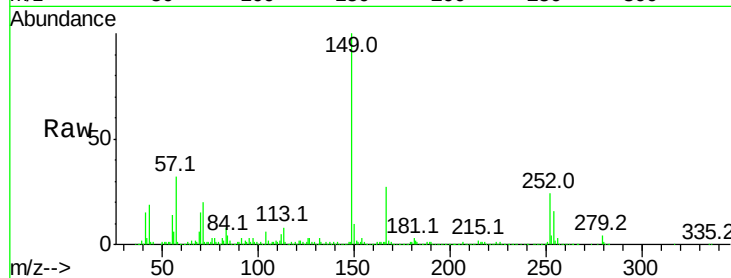




#81
 3,3'-Dichlorobenzidine
 Concen: 16.579 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

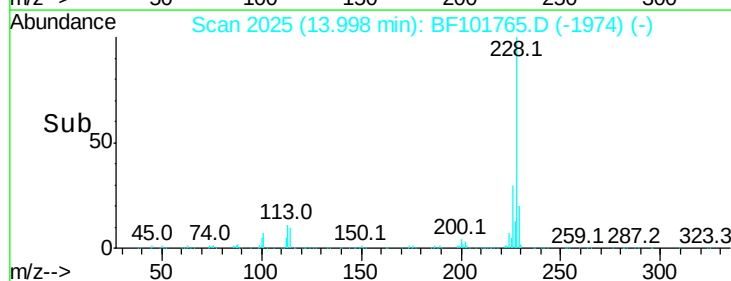
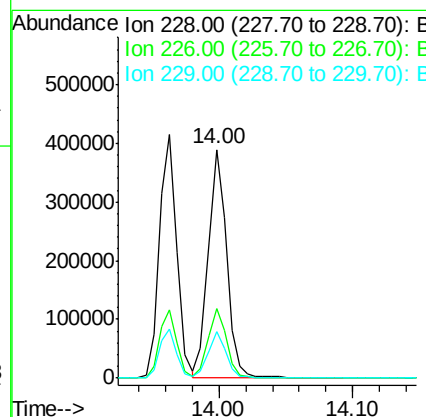
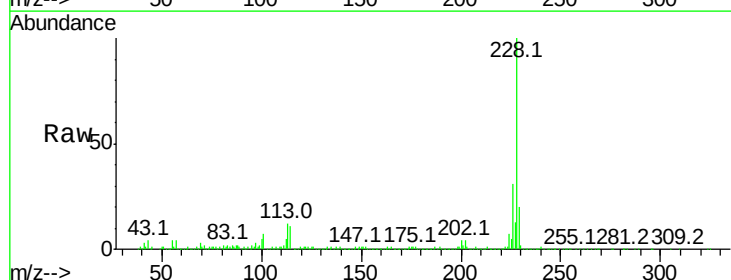
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

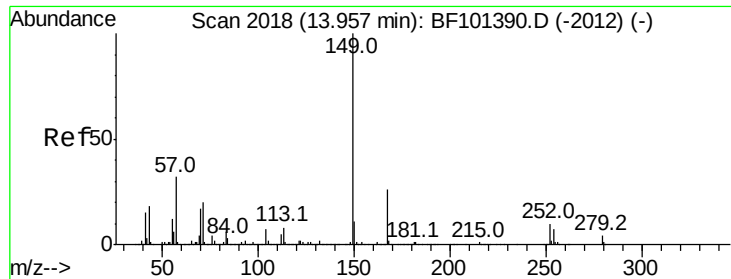
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.4	75.6
126	12.0	11.3	16.9



#82
 Chrysene
 Concen: 20.229 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.2	16.2	24.4

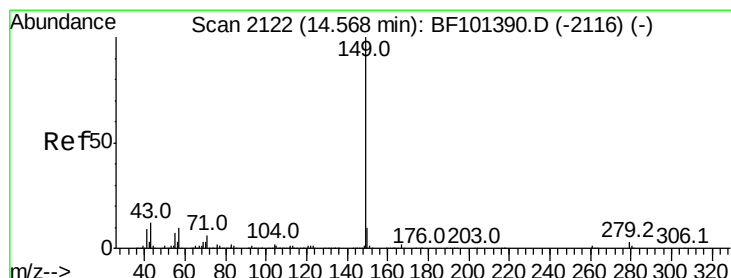
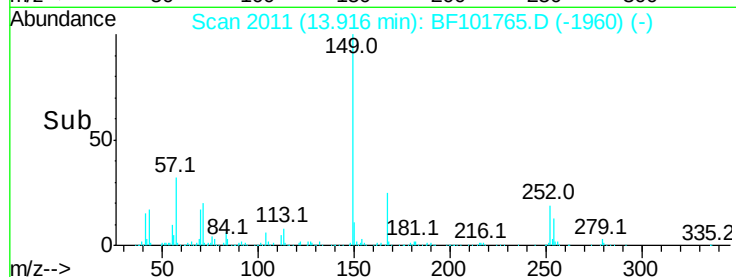
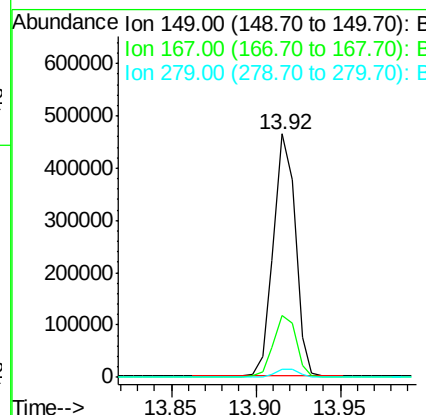
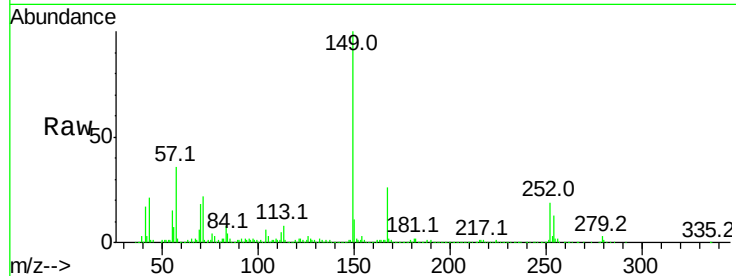




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.848 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

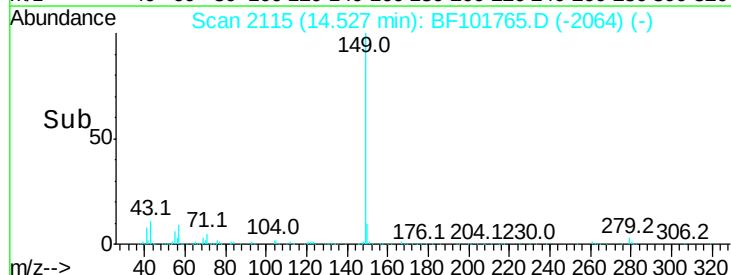
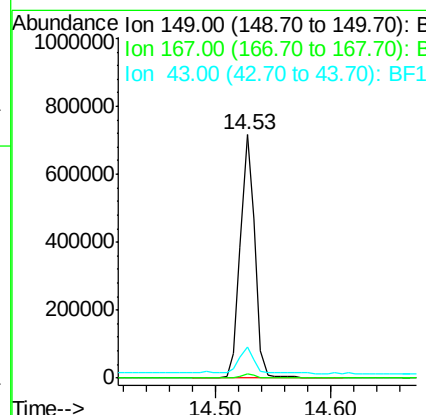
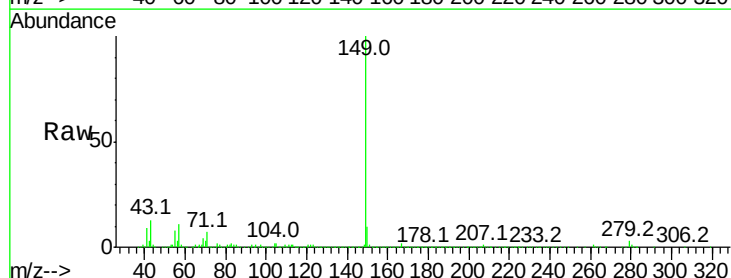
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

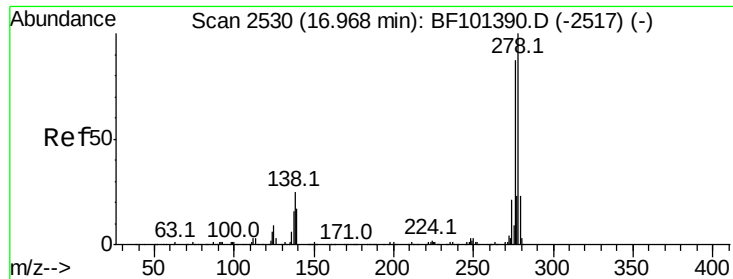
Tot Ion:149 Resp: 420069
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.3 31.9
 279 3.2 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 26.981 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:149 Resp: 615356
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.8 8.4 12.6

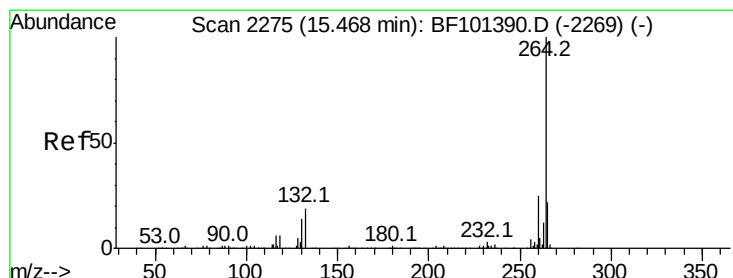
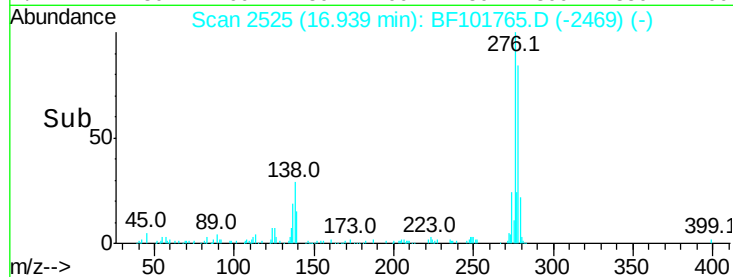
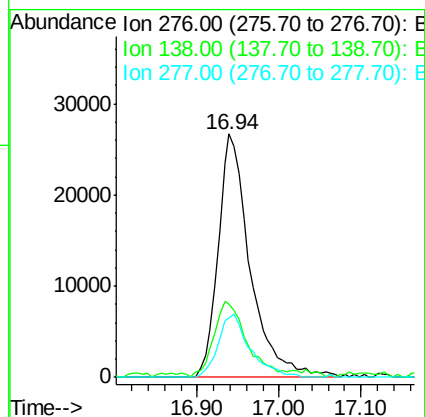
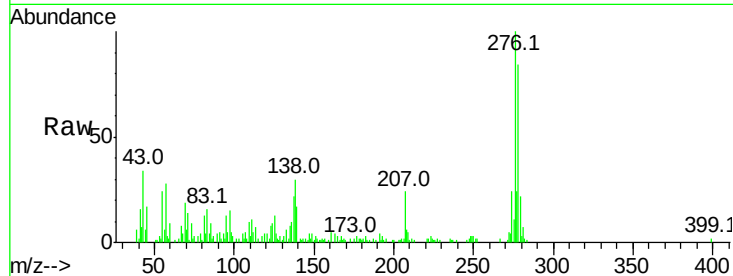




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.390 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.03 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

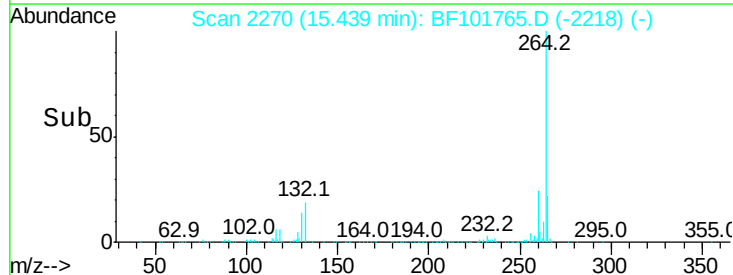
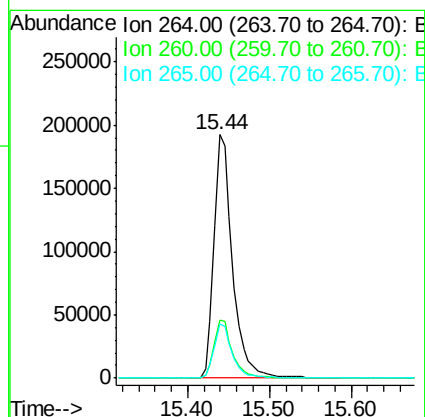
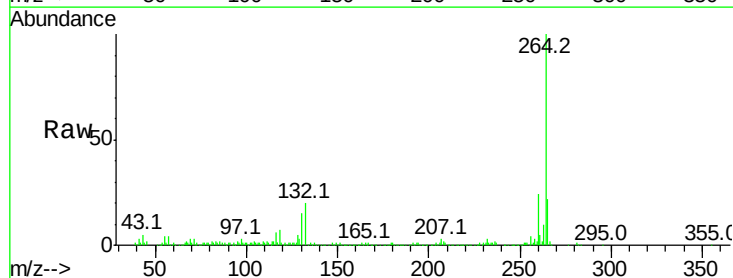
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

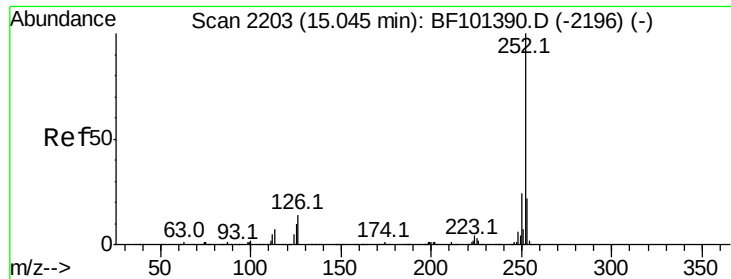
Tot Ion:276 Resp: 72458
 Ion Ratio Lower Upper
 276 100
 138 32.3 25.0 37.6
 277 25.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Tgt Ion:264 Resp: 303903
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.2 17.5 26.3

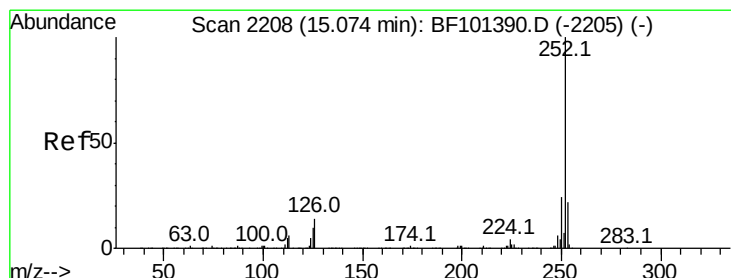
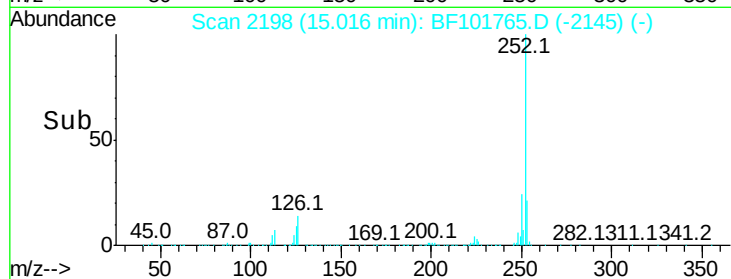
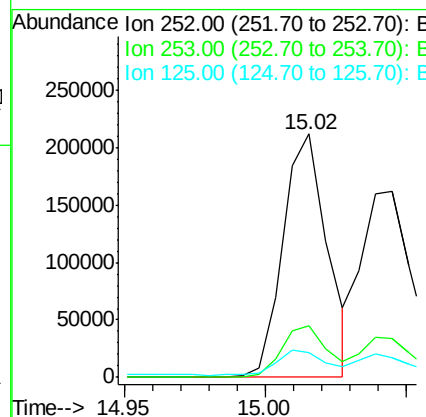
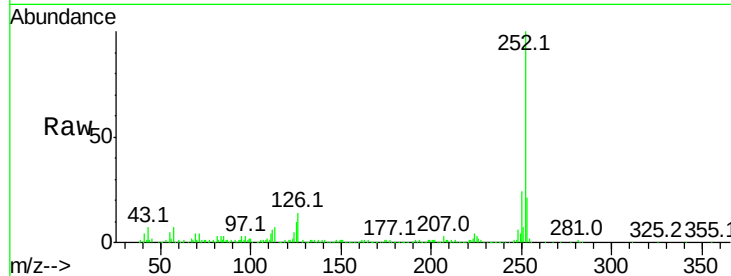




#87
Benzo(b)fluoranthene
Concen: 12.495 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

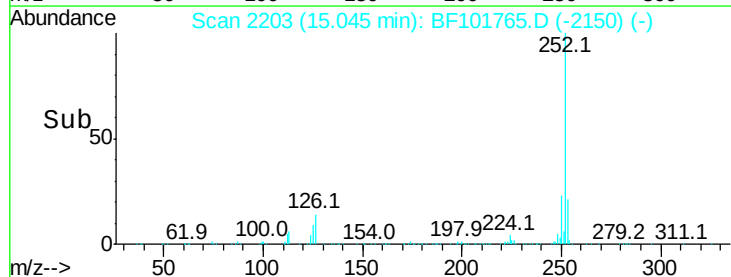
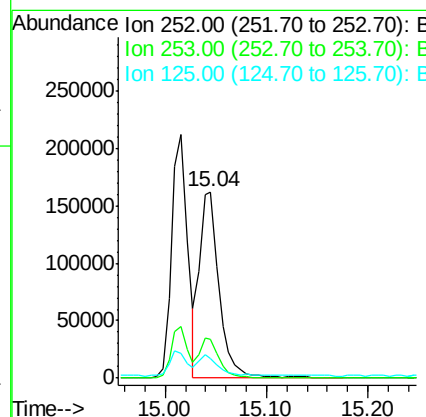
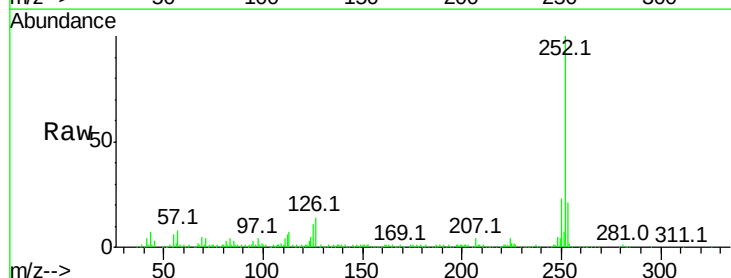
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

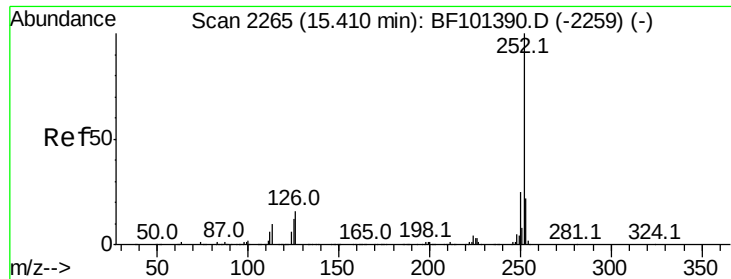
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	10.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 12.052 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.9	26.9
125	10.8	10.2	15.2

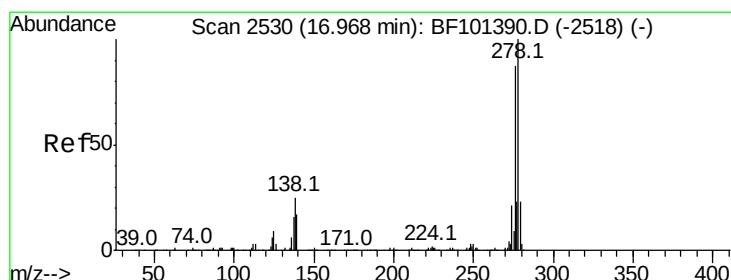
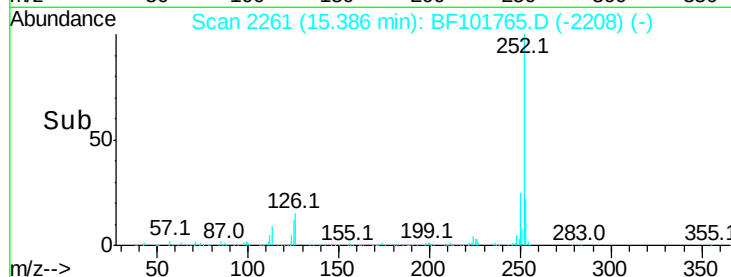
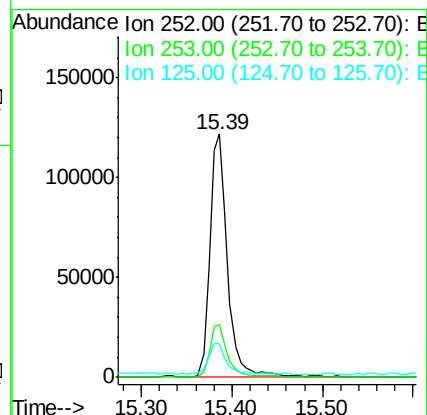
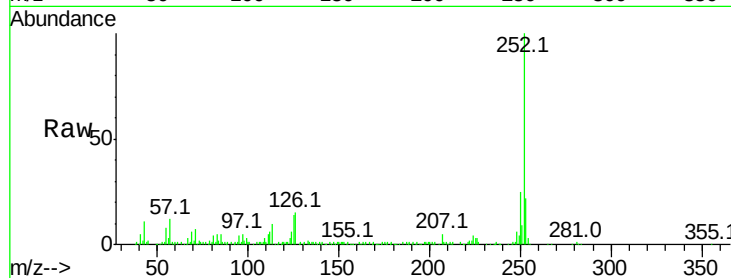




#89
Benzo(a)pyrene
Concen: 9.778 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

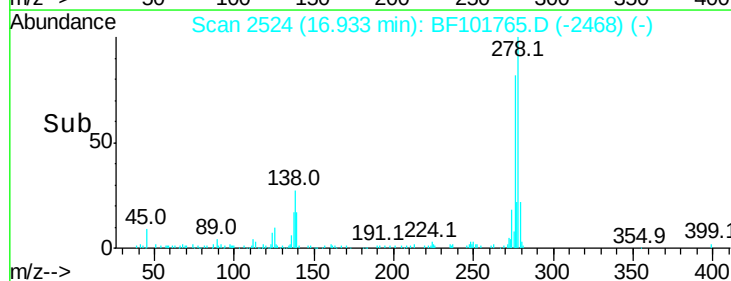
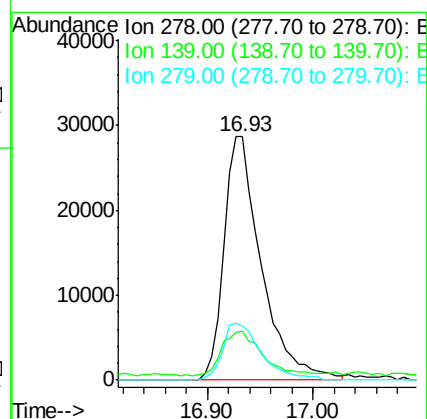
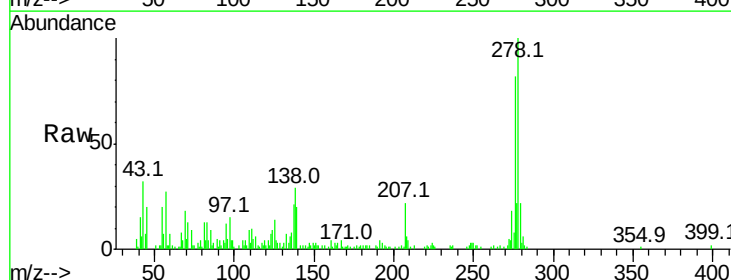
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMS

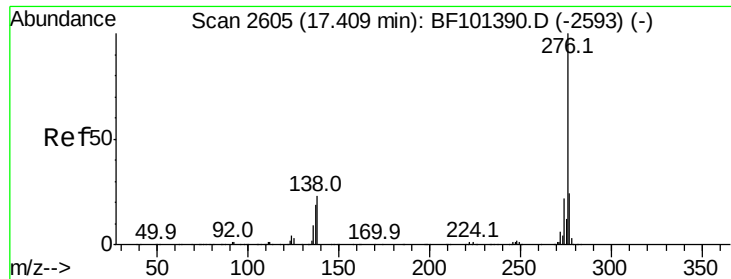
Tot Ion:252 Resp: 166973
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 13.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 4.807 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.03 min
Lab File: BF101765.D
Acq: 27 Dec 2017 16:34

Tgt Ion:278 Resp: 70478
Ion Ratio Lower Upper
278 100
139 20.0 15.9 23.9
279 22.3 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 3.882 ng
 RT: 17.40 min Scan# 2604
 Delta R.T. 0.05 min
 Lab File: BF101765.D
 Acq: 27 Dec 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	29.9	21.8	32.8

