

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101737.D
 Acq On : 27 Dec 2017 2:00
 Operator : SJ/JU
 Sample : I6957-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Quant Time: Dec 27 05:01:55 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	132397	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	489930	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	188056	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	307155	20.00	ng	0.00
75) Chrysene-d12	13.97	240	289460	20.00	ng	0.00
86) Perylene-d12	15.44	264	253814	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	745851	83.91	ng	0.01
7) Phenol-d6	6.44	99	820855	74.21	ng	0.00
23) Nitrobenzene-d5	7.36	82	510394	57.99	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	129918	71.70	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	837340	69.07	ng	0.00
78) Terphenyl-d14	12.90	244	676962	56.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	112191	24.565	ng	95
3) Pyridine	3.35	79	252499	19.899	ng	96
4) n-Nitrosodimethylamine	3.28	42	126463	21.646	ng	99
6) Aniline	6.46	93	241973	15.741	ng	# 74
8) 2-Chlorophenol	6.58	128	245815	26.291	ng	96
9) Benzaldehyde	6.35	77	155131	18.989	ng	99
10) Phenol	6.45	94	338546	26.852	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	257375	26.025	ng	97
12) 1,3-Dichlorobenzene	6.73	146	284233	26.935	ng	97
13) 1,4-Dichlorobenzene	6.81	146	293742	27.259	ng	97
14) 1,2-Dichlorobenzene	6.96	146	266750	27.501	ng	97
15) Benzyl Alcohol	6.95	79	191896	25.204	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	433132	28.617	ng	54
17) 2-Methylphenol	7.06	107	194811	22.651	ng	# 87
18) Hexachloroethane	7.29	117	85455	22.809	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	183450	25.253	ng	94
20) 3+4-Methylphenols	7.22	107	264353	29.006	ng	98
22) Acetophenone	7.20	105	362794	32.453	ng	# 97
24) Nitrobenzene	7.38	77	260206	26.713	ng	98
25) Isophorone	7.62	82	476056	26.963	ng	100
26) 2-Nitrophenol	7.70	139	88522	21.153	ng	97
27) 2,4-Dimethylphenol	7.74	122	196075	27.580	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	307051	27.378	ng	99
29) 2,4-Dichlorophenol	7.96	162	182460	25.977	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	206237	27.824	ng	97
31) Naphthalene	8.09	128	690149	27.981	ng	99
32) Benzoic acid	7.74	122	196075	42.104	ng	# 13
33) 4-Chloroaniline	8.16	127	163604	15.261	ng	97
34) Hexachlorobutadiene	8.20	225	120895	28.200	ng	98
35) Caprolactam	8.52	113	58291	23.901	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	182627	23.657	ng	98
37) 2-Methylnaphthalene	8.79	142	432162	26.893	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	201273	31.700	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	472	11.817	ng	74

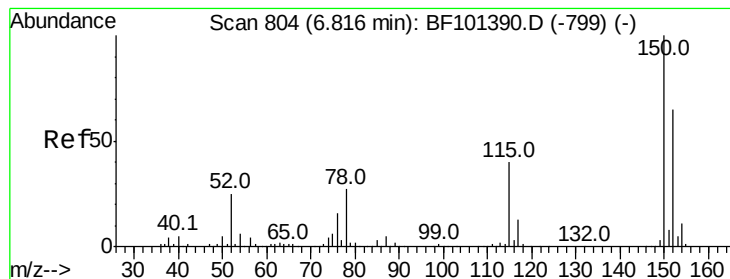
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101737.D
 Acq On : 27 Dec 2017 2:00
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	99177	25.946	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	89197	21.312	nq	96
45) 1,1'-Biphenyl	9.25	154	505469	30.308	nq	99
46) 2-Chloronaphthalene	9.27	162	367211	28.776	nq	97
47) 2-Nitroaniline	9.39	65	120922	27.430	nq	90
48) Acenaphthylene	9.69	152	532442	26.416	nq	99
49) Dimethylphthalate	9.55	163	561150	37.097	nq	99
50) 2,6-Dinitrotoluene	9.62	165	74266	24.157	nq #	84
51) Acenaphthene	9.86	154	321641	26.561	nq	98
52) 3-Nitroaniline	9.80	138	95556	24.930	nq	98
53) 2,4-Dinitrophenol	10.18	184	170	10.459	nq #	35
54) Dibenzofuran	10.03	168	459502	29.859	nq	97
55) 4-Nitrophenol	10.03	139	236969	141.784	nq #	16
56) 2,4-Dinitrotoluene	10.05	165	92430	26.685	nq #	95
57) Fluorene	10.37	166	358423	27.532	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	40803	13.569	nq #	71
59) Diethylphthalate	10.24	149	388083	25.907	nq	97
60) 4-Chlorophenyl-phenylether	10.36	204	172985	27.725	nq	93
61) 4-Nitroaniline	10.42	138	91240	23.682	nq	93
62) Azobenzene	10.53	77	522936	33.700	nq	92
65) n-Nitrosodiphenylamine	10.49	169	323075	28.486	nq	95
66) 4-Bromophenyl-phenylether	10.86	248	100366	29.081	nq #	83
67) Hexachlorobenzene	10.93	284	101500	27.787	nq #	87
68) Atrazine	11.02	200	94517	27.949	nq	94
69) Pentachlorophenol	11.16	266	1916	7.795	nq #	81
70) Phenanthrene	11.35	178	486808	28.499	nq	98
71) Anthracene	11.40	178	474769	27.210	nq	99
72) Carbazole	11.56	167	414586	25.379	nq	99
73) Di-n-butylphthalate	11.87	149	590663	29.790	nq	99
74) Fluoranthene	12.54	202	499767	27.874	nq	98
76) Benzidine	12.66	184	163976	13.413	nq	98
77) Pyrene	12.77	202	493758	22.729	nq	100
79) Butylbenzylphthalate	13.37	149	234432	23.850	nq	97
80) Benzo(a)anthracene	13.96	228	366899	19.196	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	124956	20.050	nq	99
82) Chrysene	14.00	228	362177	20.069	nq	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	351480	28.231	nq	99
84) Di-n-octyl phthalate	14.53	149	606708	27.324	nq	99
85) Indeno(1,2,3-cd)pyrene	16.93	276	45362	2.823	nq	97
87) Benzo(b)fluoranthene	15.01	252	223189	14.427	nq	99
88) Benzo(k)fluoranthene	15.04	252	186481	12.398	nq	99
89) Benzo(a)pyrene	15.38	252	142893	10.019	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	46732	3.816	nq	99
91) Benzo(g,h,i)perylene	17.40	276	32566	2.686	nq	95

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

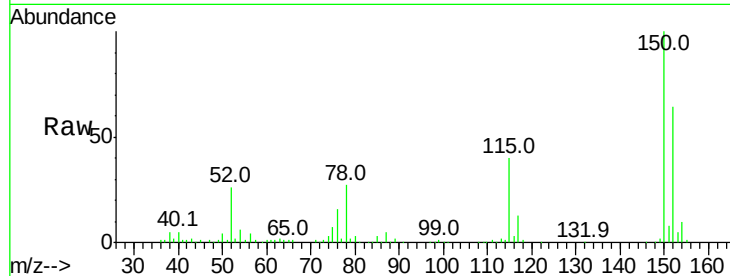


#1

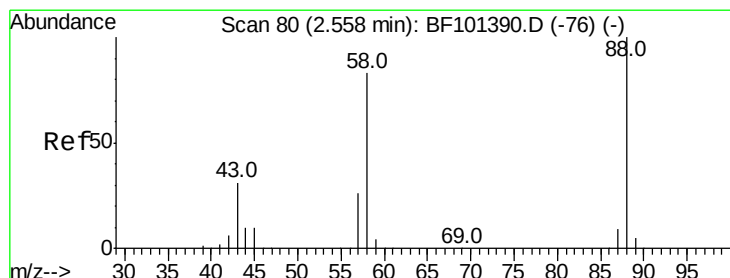
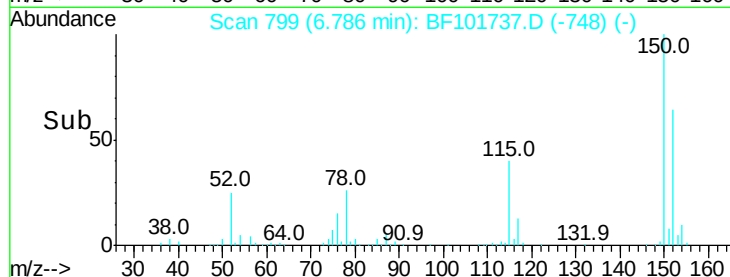
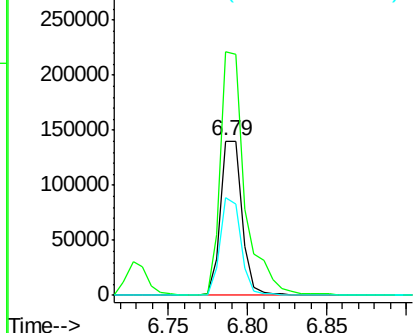
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tot Ion:152 Resp: 132397
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 63.0 50.1 75.1



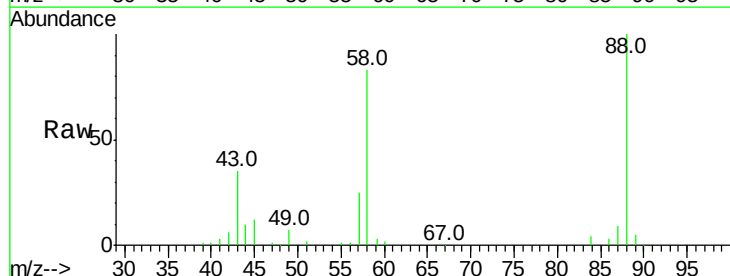
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



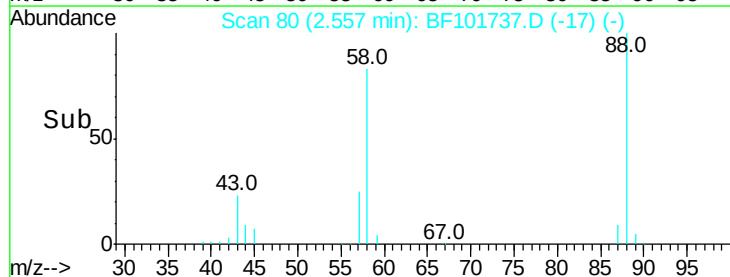
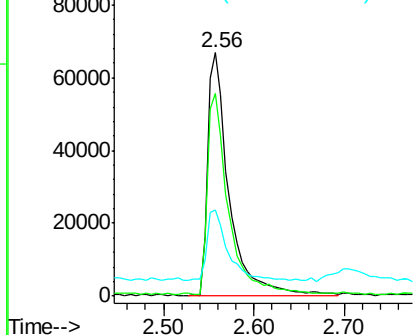
#2

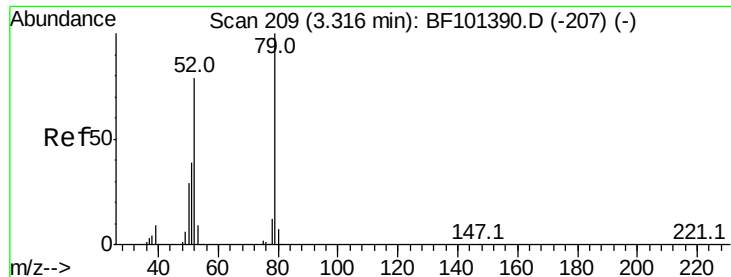
1,4-Dioxane
Concen: 24.565 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.07 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion: 88 Resp: 112191
Ion Ratio Lower Upper
88 100
58 81.5 62.6 93.8
43 27.2 24.6 37.0



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





#3

Pvridine

Concen: 19.899 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

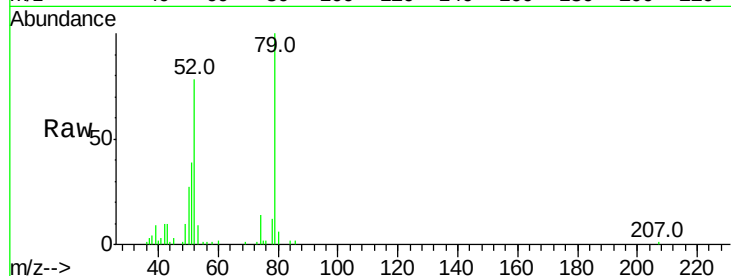
Tot Ion: 79 Resp: 252499

Ion Ratio Lower Upper

79 100

52 77.7 59.8 89.6

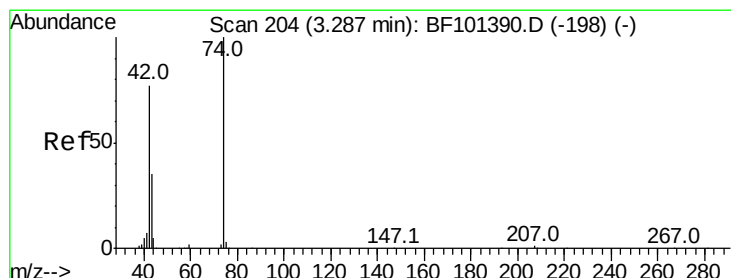
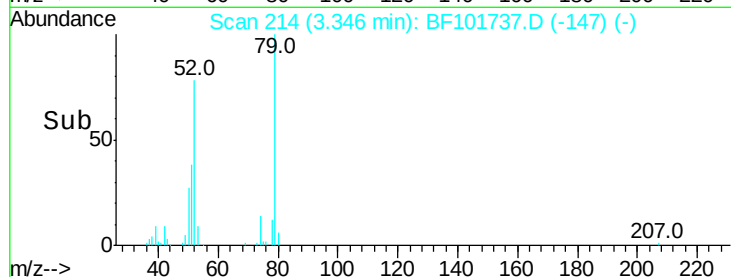
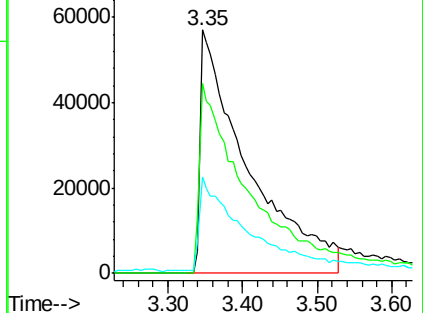
51 39.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 21.646 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.06 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

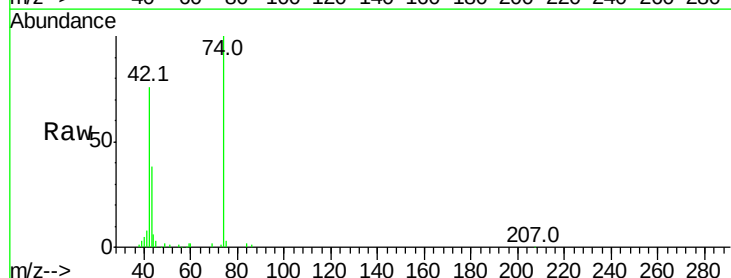
Tgt Ion: 42 Resp: 126463

Ion Ratio Lower Upper

42 100

74 131.5 104.9 157.3

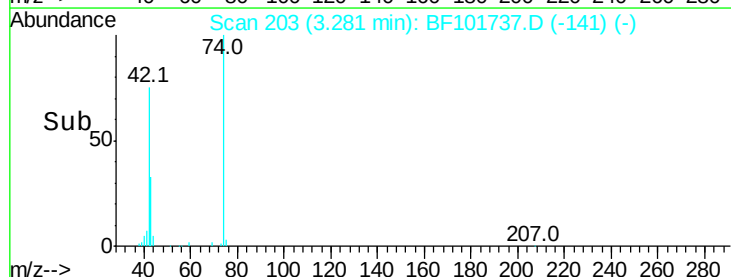
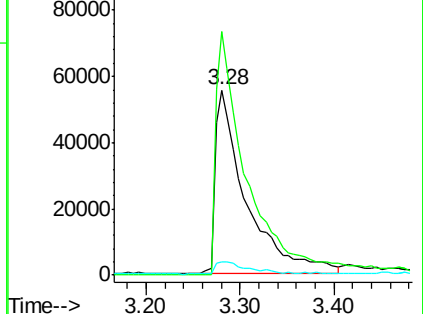
44 7.3 6.9 10.3

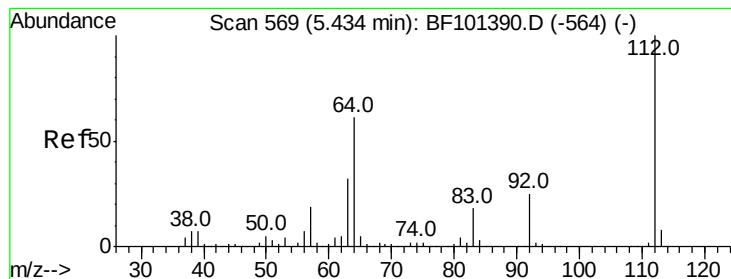


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 83.915 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

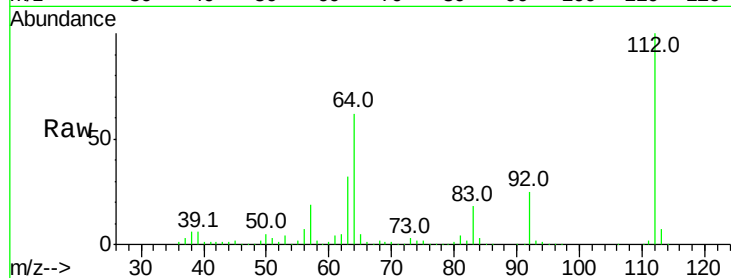
Tot Ion:112 Resp: 745851

Ion Ratio Lower Upper

112 100

64 62.5 47.9 71.9

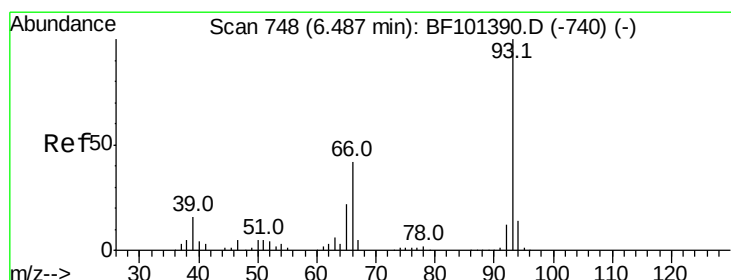
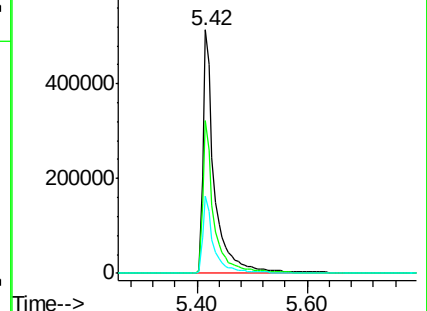
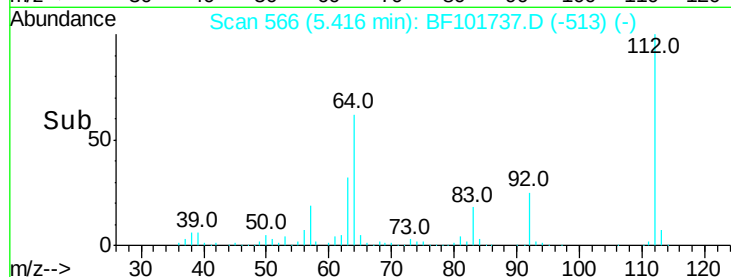
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.741 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

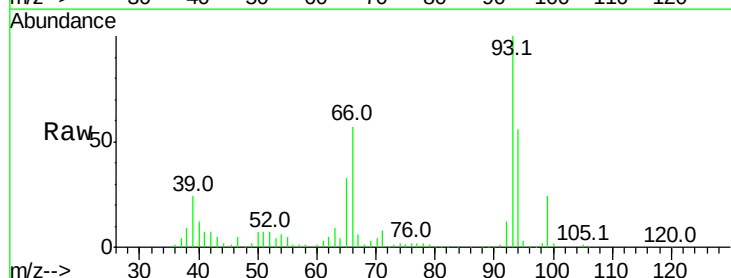
Tgt Ion: 93 Resp: 241973

Ion Ratio Lower Upper

93 100

66 56.6 32.2 48.2#

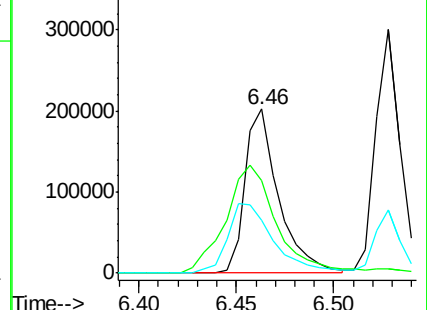
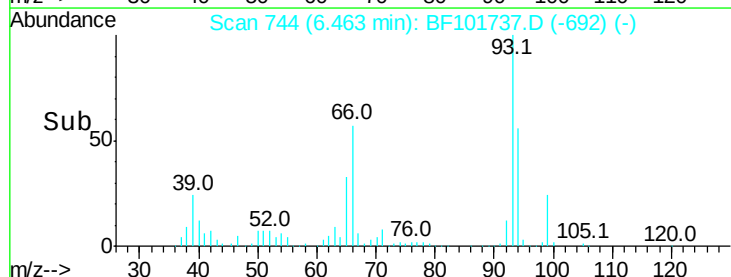
65 32.6 16.4 24.6#

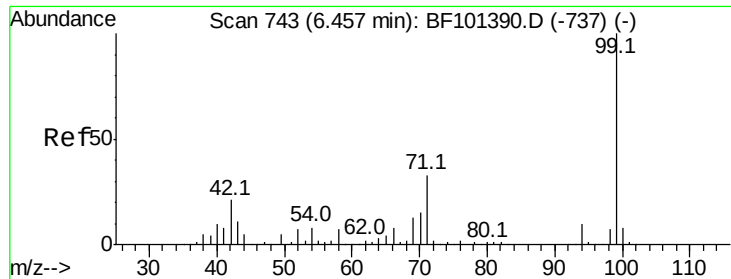


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.207 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

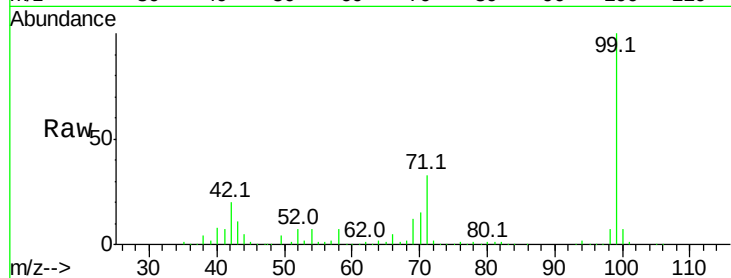
Tot Ion: 99 Resp: 820855

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

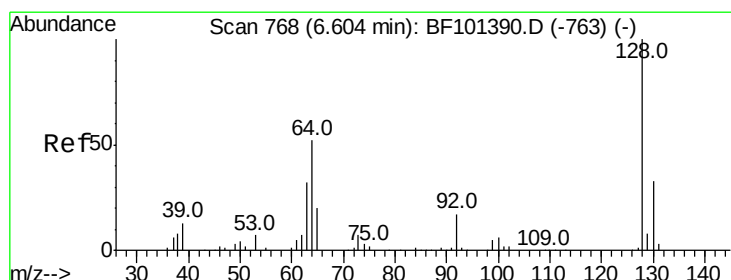
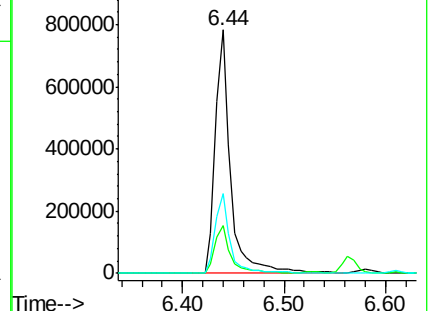
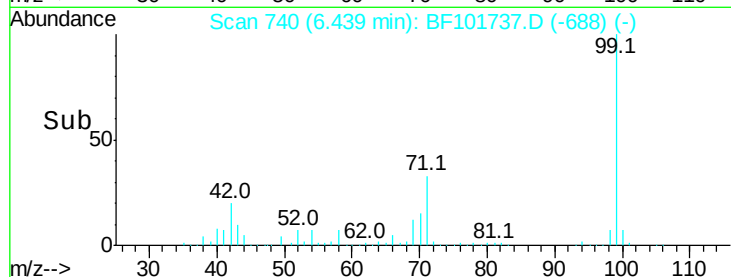
71 32.8 25.4 38.0



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: 26.291 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

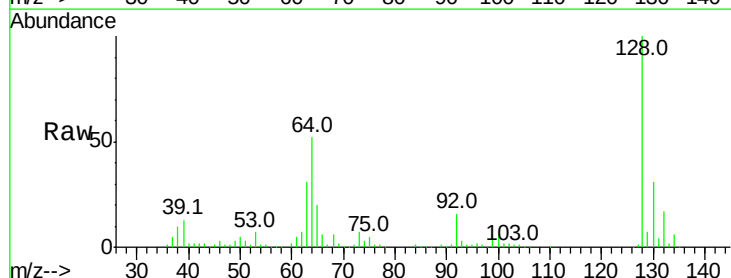
Tgt Ion: 128 Resp: 245815

Ion Ratio Lower Upper

128 100

130 31.1 13.0 53.0

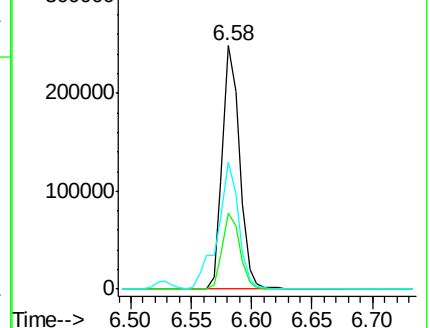
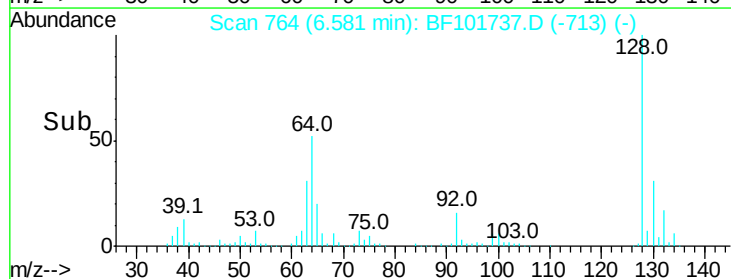
64 52.3 29.4 69.4

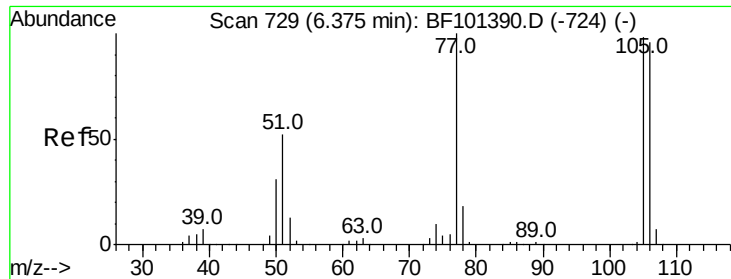


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.989 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

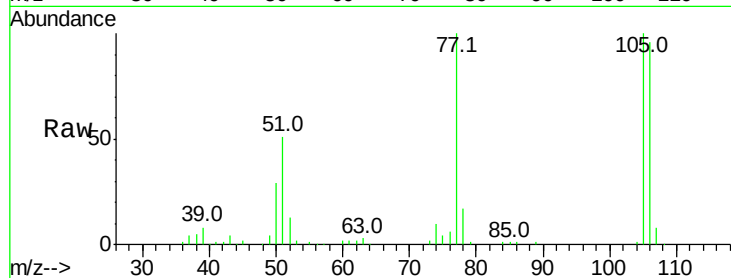
Tot Ion: 77 Resp: 155131

Ion Ratio Lower Upper

77 100

105 99.8 81.1 121.1

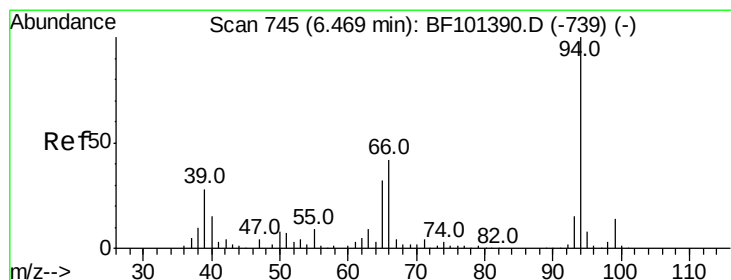
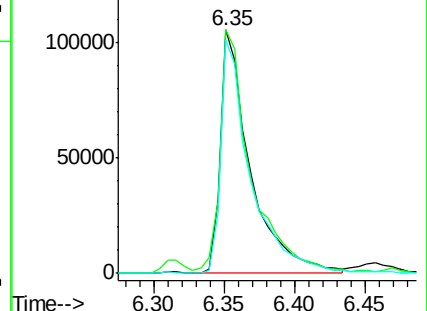
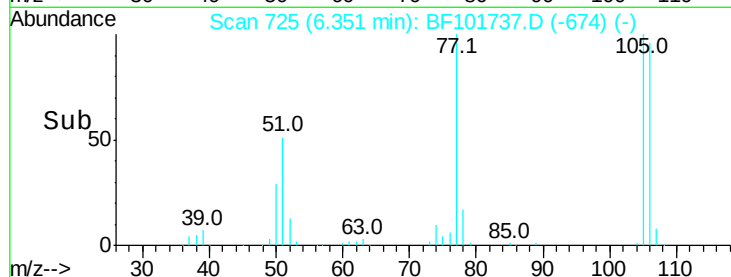
106 95.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 26.852 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

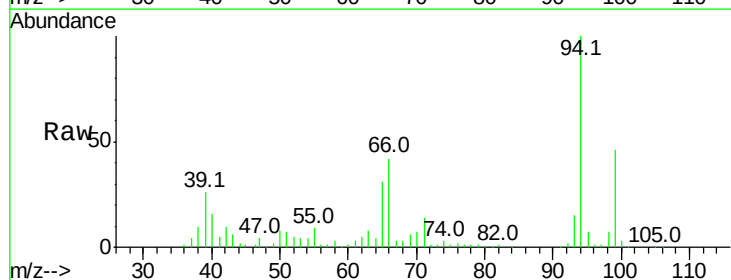
Tgt Ion: 94 Resp: 338546

Ion Ratio Lower Upper

94 100

65 30.8 7.9 47.9

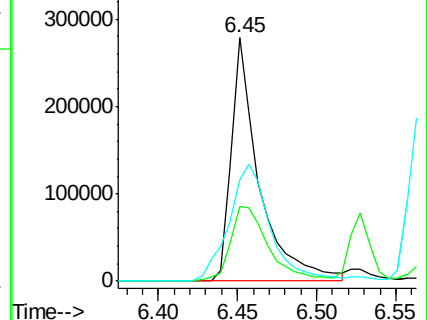
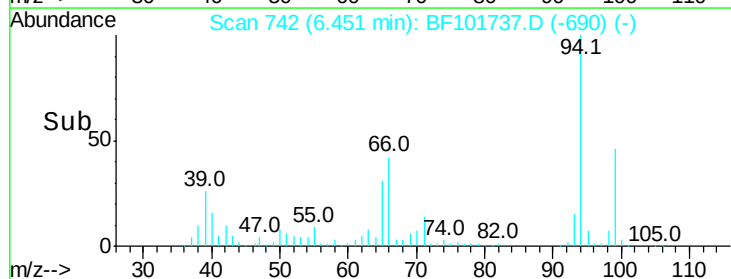
66 41.7 16.2 56.2

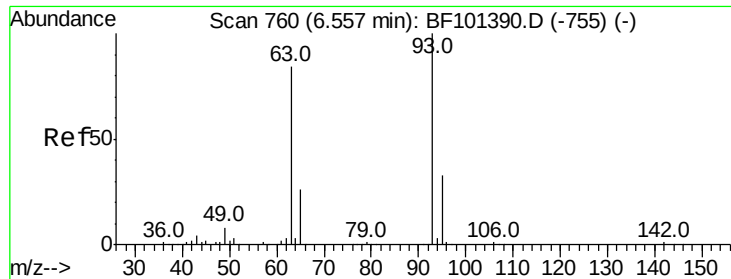


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 26.025 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

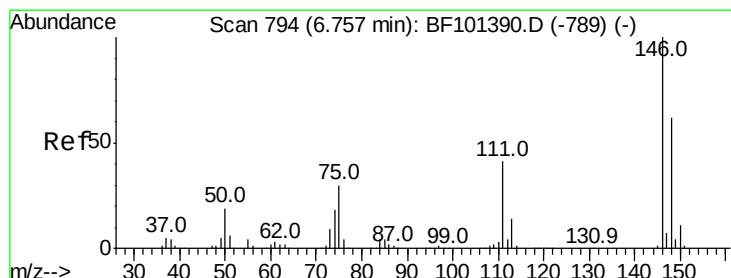
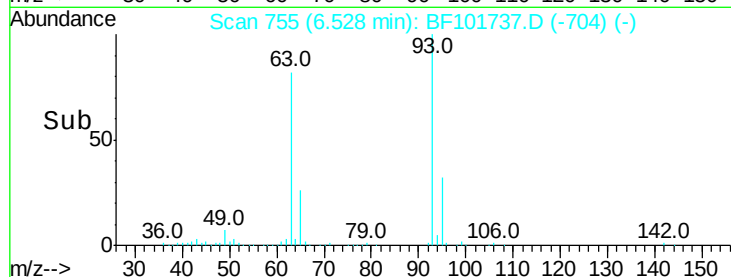
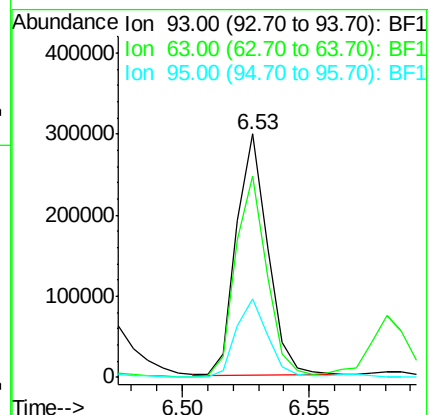
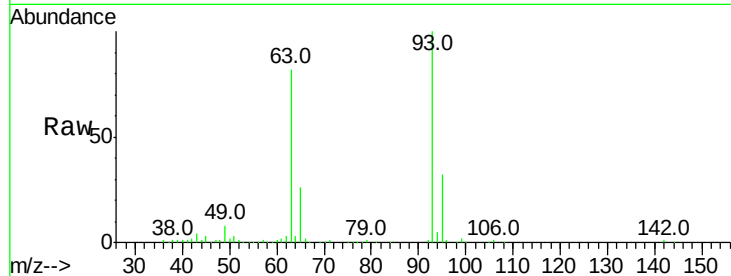
Tot Ion: 93 Resp: 257375

Ion Ratio Lower Upper

93 100

63 82.5 58.6 98.6

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 26.935 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

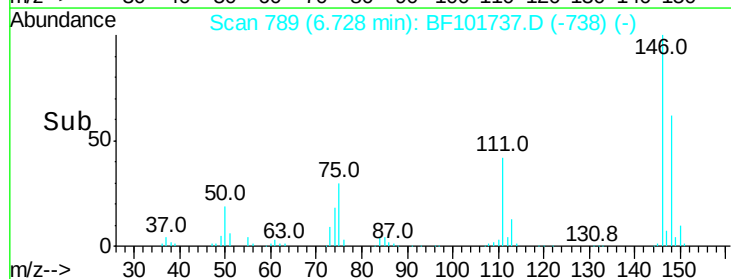
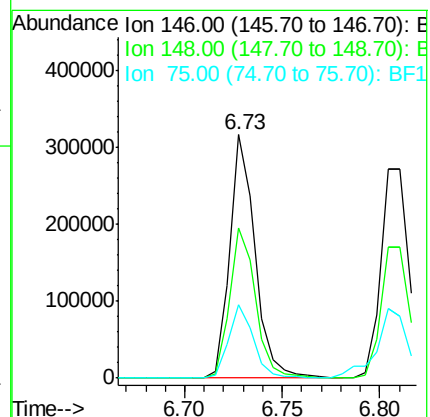
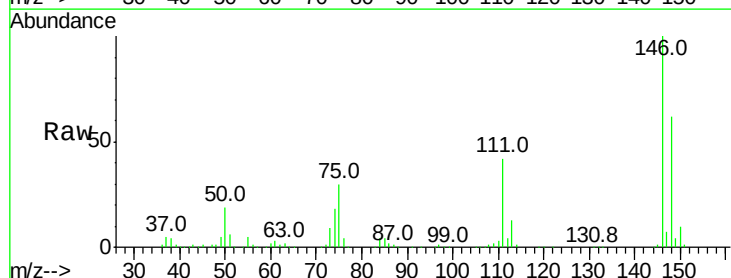
Tgt Ion: 146 Resp: 284233

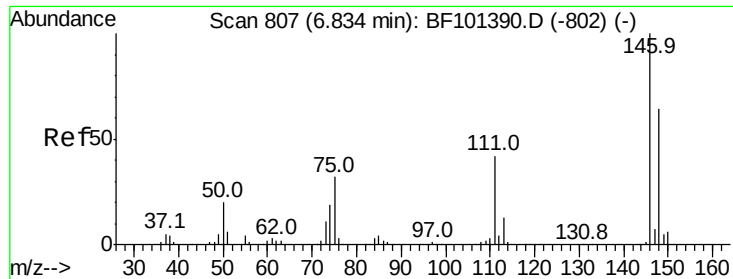
Ion Ratio Lower Upper

146 100

148 61.5 51.8 77.8

75 30.3 24.2 36.4

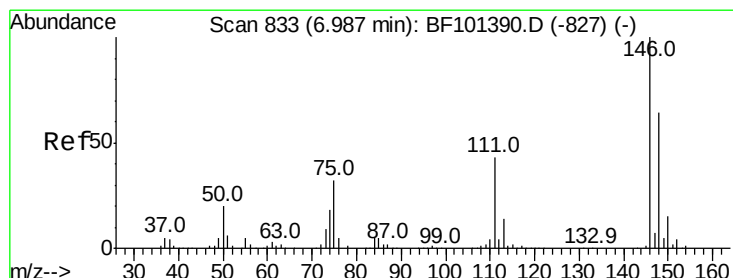
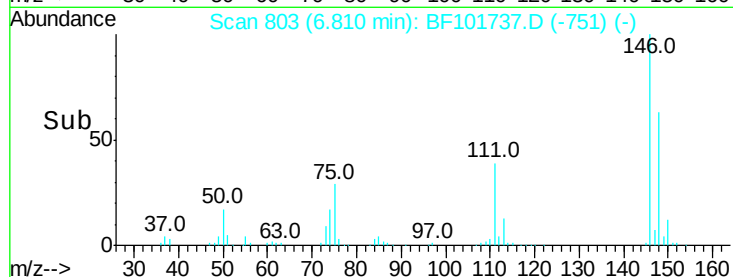
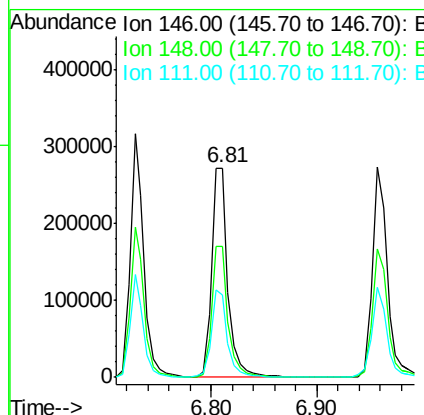
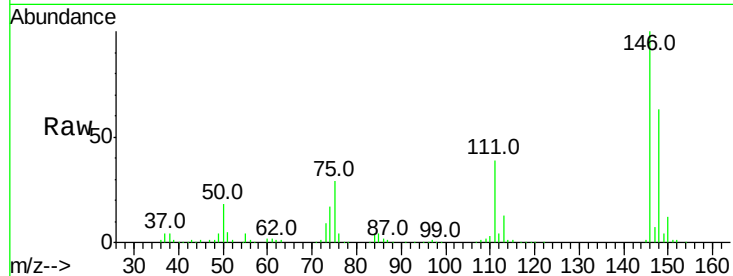




#13
 1,4-Dichlorobenzene
 Concen: 27.259 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

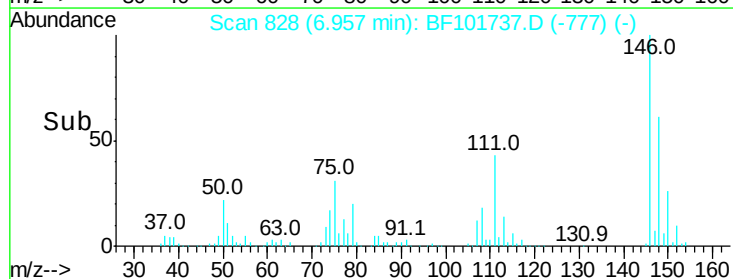
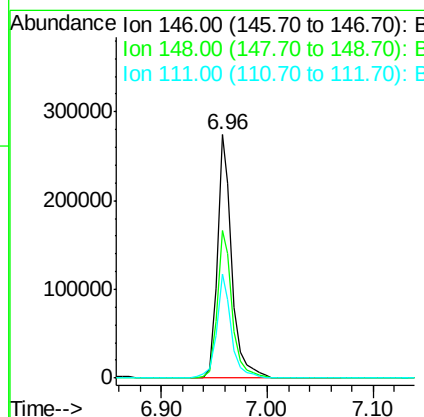
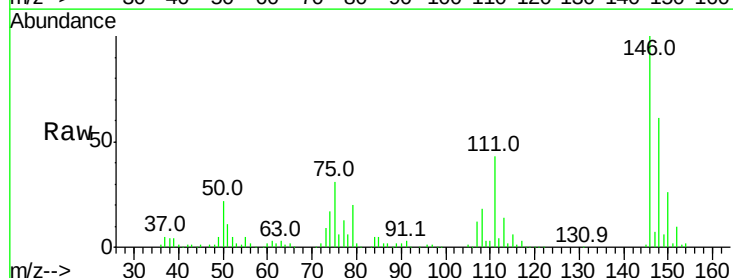
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

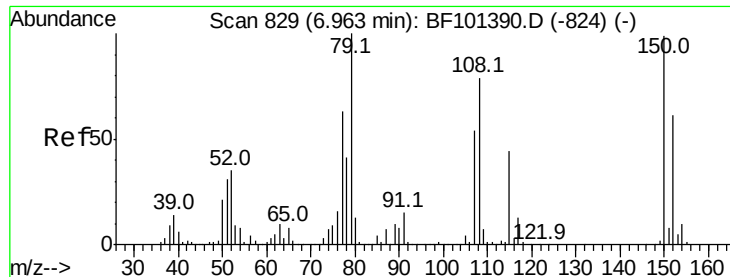
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	39.1	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 27.501 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	50.6	75.8
111	42.6	36.0	54.0

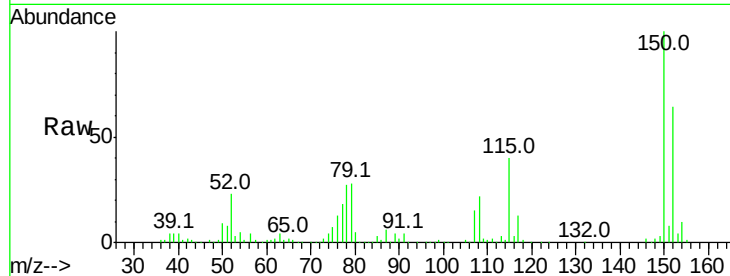




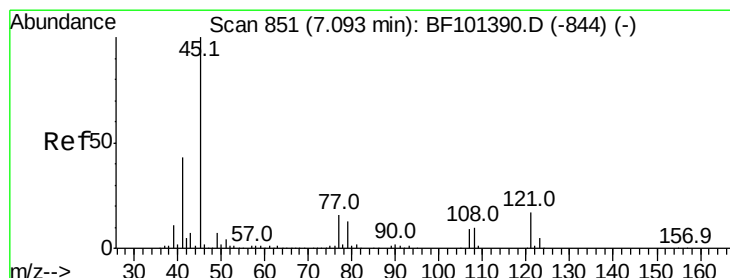
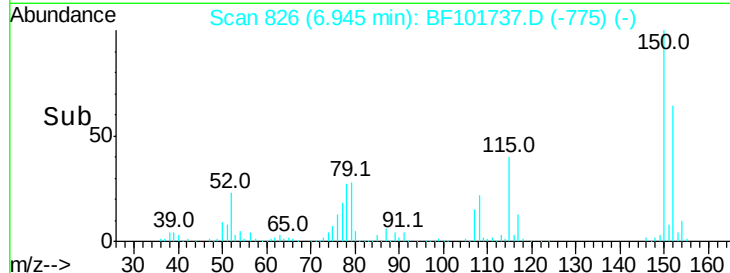
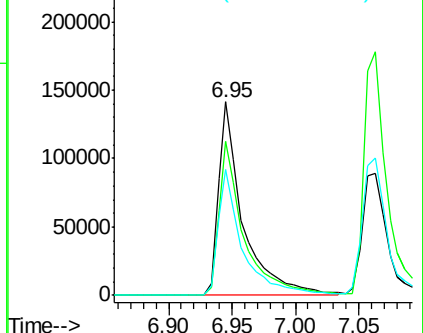
#15
Benzyl Alcohol
Concen: 25.204 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tot Ion: 79 Resp: 191896
Ion Ratio Lower Upper
79 100
108 79.7 65.1 97.7
77 64.8 50.6 75.8

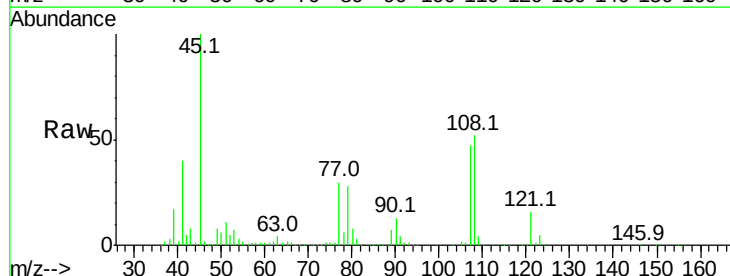


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

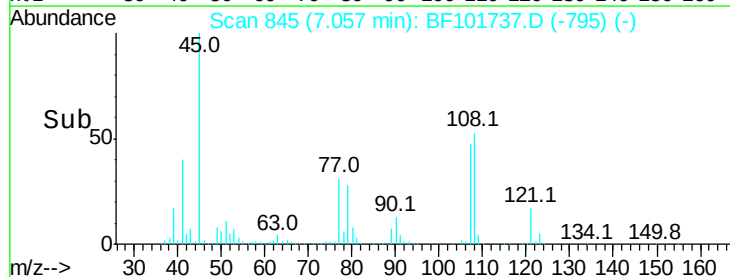
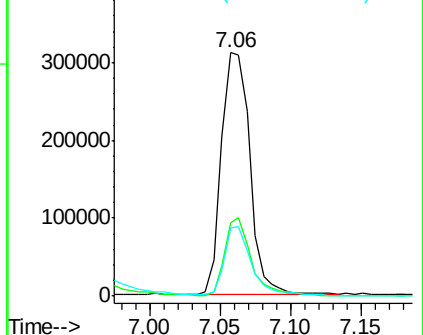


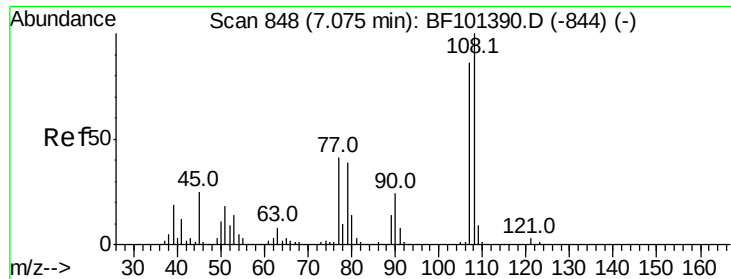
#16
2,2'-oxybis(1-chloropropane)
Concen: 28.617 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion: 45 Resp: 433132
Ion Ratio Lower Upper
45 100
77 30.3 0.0 32.9
79 27.9 0.0 29.6



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





#17

2-Methylphenol

Concen: 22.651 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

Tot Ion:107 Resp: 194811

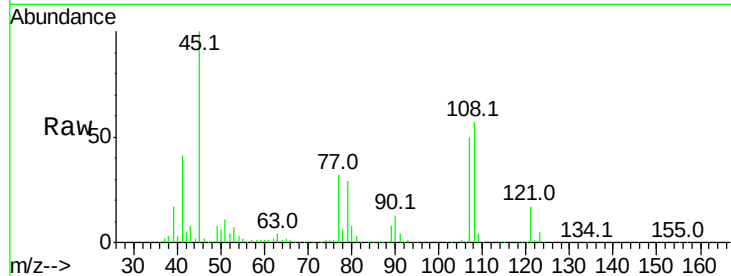
Ion Ratio Lower Upper

107 100

108 115.5 91.7 137.5

77 65.2 33.8 50.8#

79 58.1 33.8 50.8#

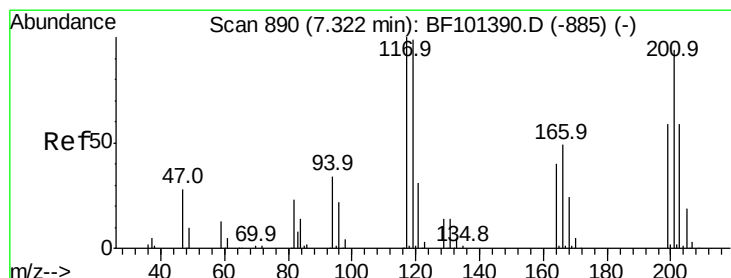
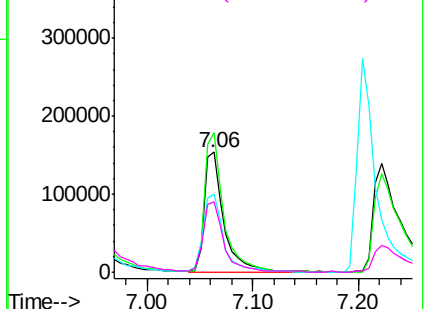
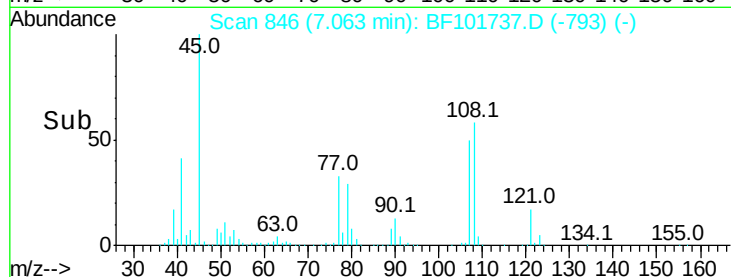


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 22.809 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

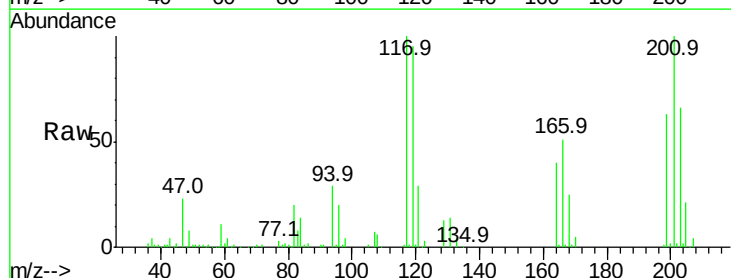
Tgt Ion:117 Resp: 85455

Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.8

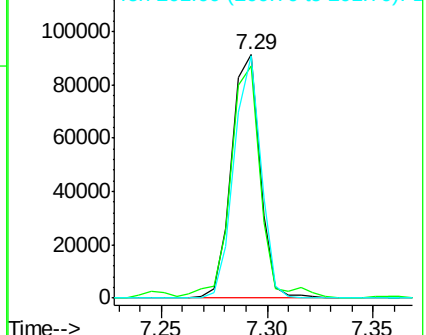
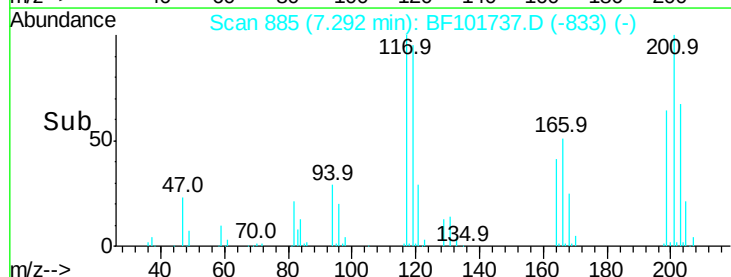
201 99.6 75.7 113.5

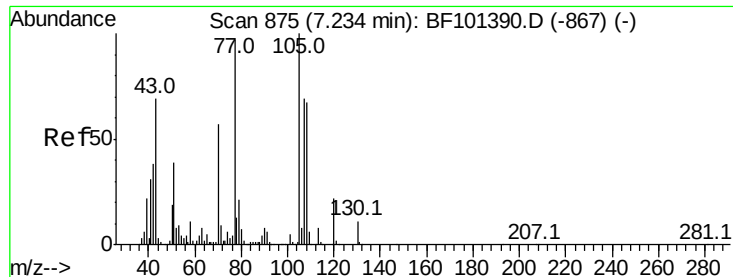


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

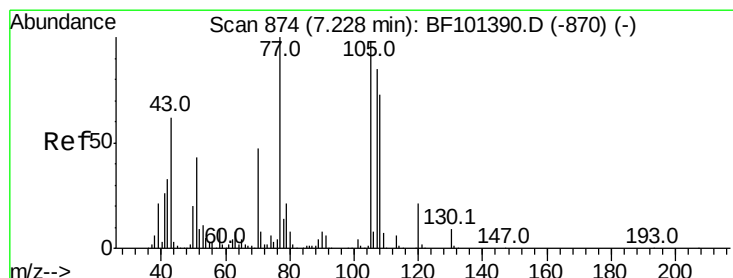
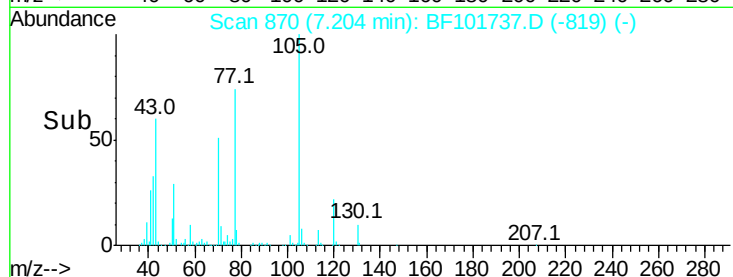
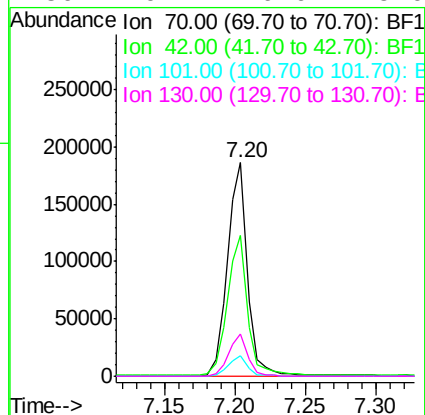
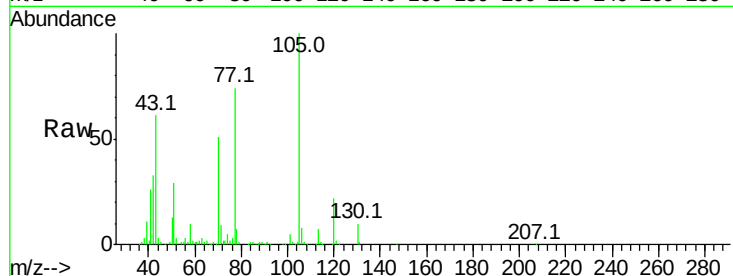




#19
n-Nitroso-di-n-propylamine
Concen: 25.253 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

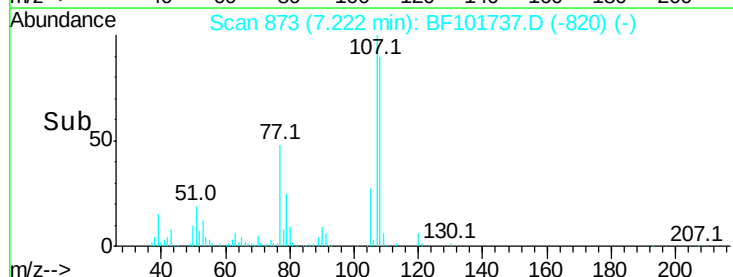
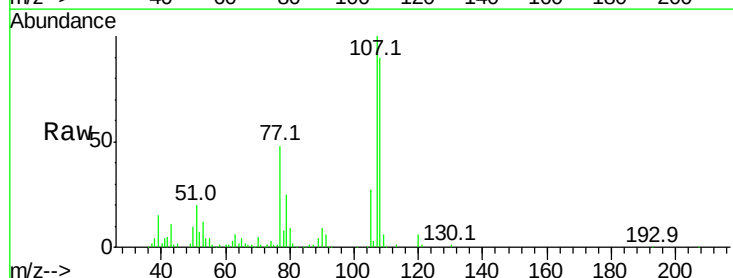
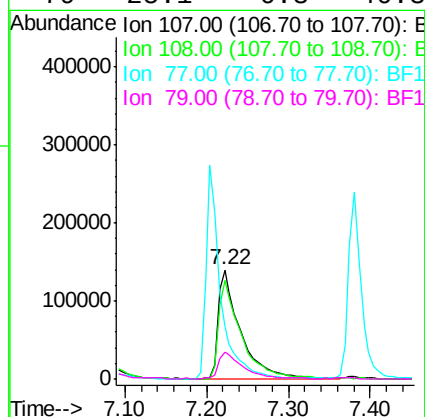
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

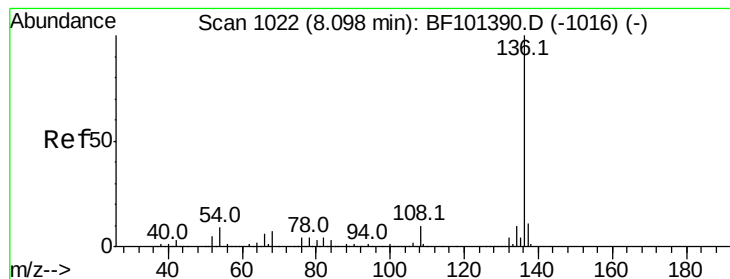
Tot Ion: 70 Resp: 183450
Ion Ratio Lower Upper
70 100
42 66.0 47.5 71.3
101 9.6 7.4 11.2
130 19.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 29.006 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion: 107 Resp: 264353
Ion Ratio Lower Upper
107 100
108 89.8 68.2 108.2
77 47.5 26.7 66.7
79 25.1 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: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

Tot Ion:136 Resp: 489930

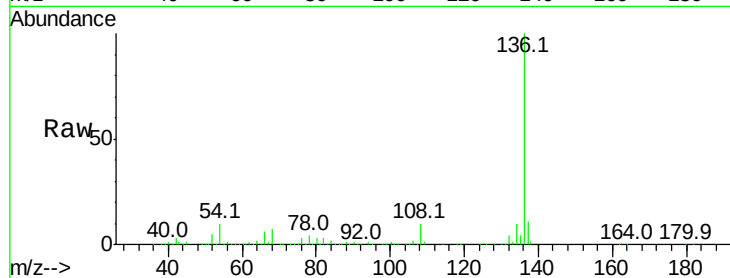
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.7 6.6 9.8

68 7.2 5.0 7.4

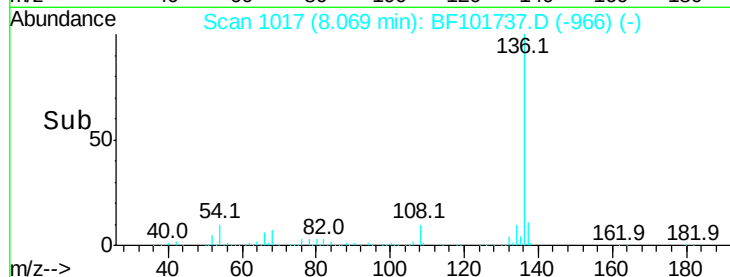


Abundance Ion 136.00 (135.70 to 136.70): E

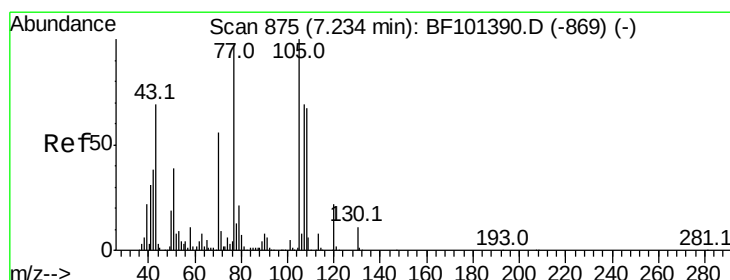
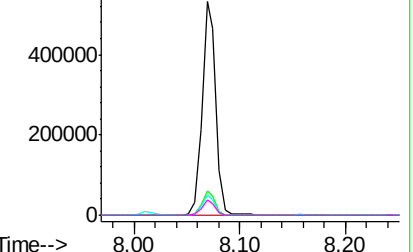
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 32.453 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion:105 Resp: 362794

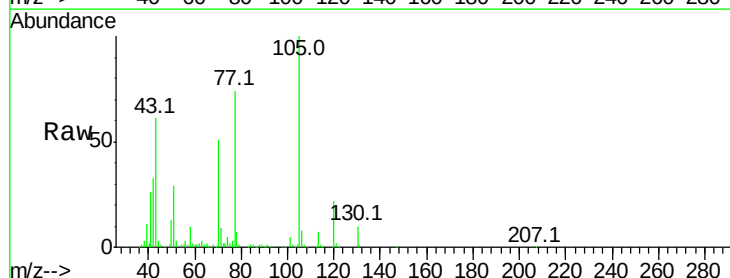
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 29.4 22.3 33.5

120 21.9 16.9 25.3

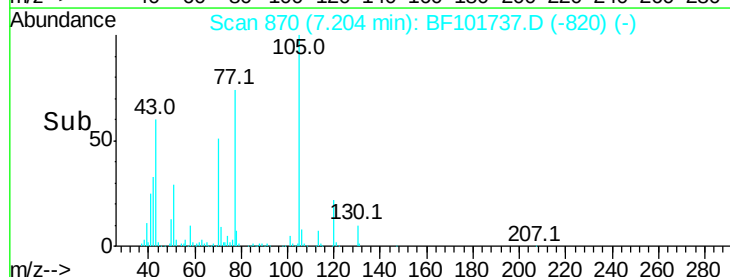


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

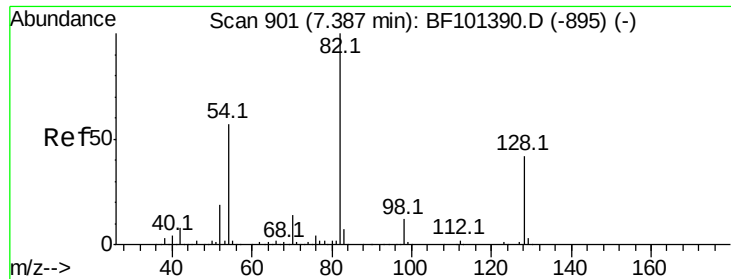
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

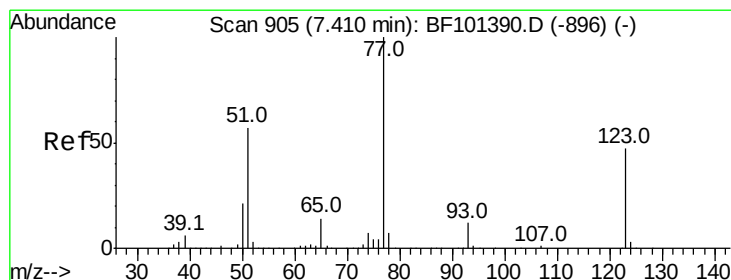
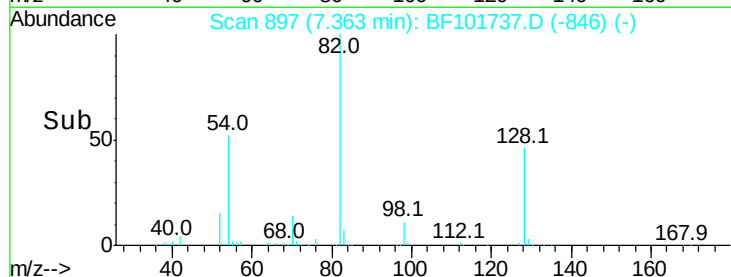
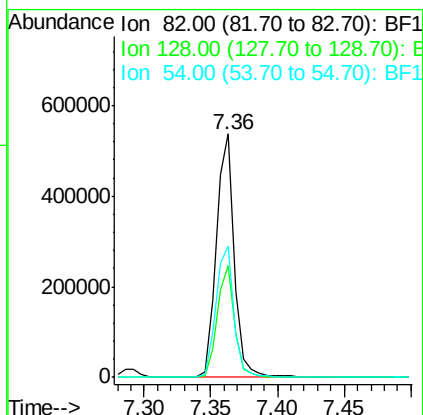
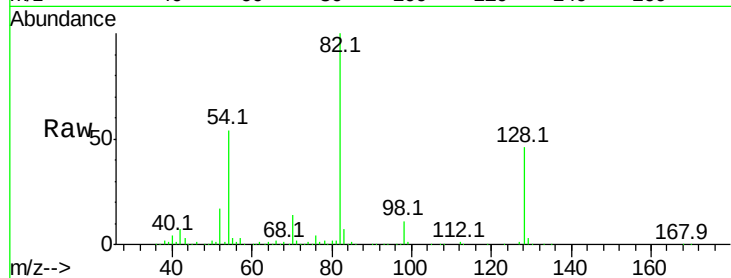




#23
Nitrobenzene-d5
Concen: 57.991 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

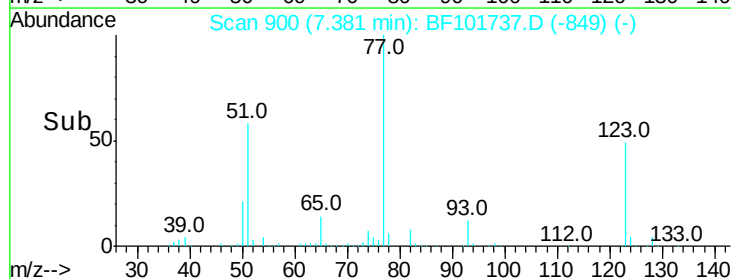
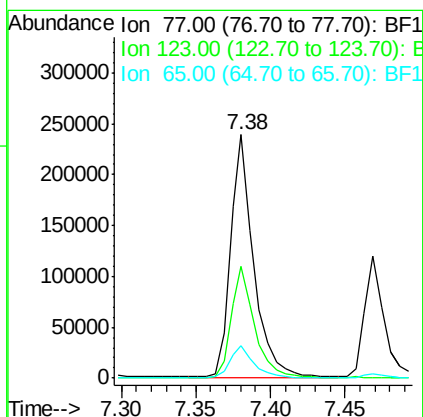
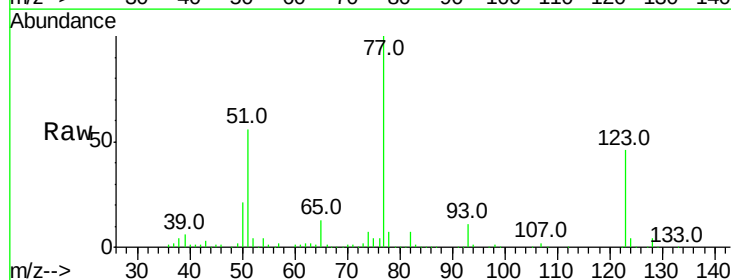
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

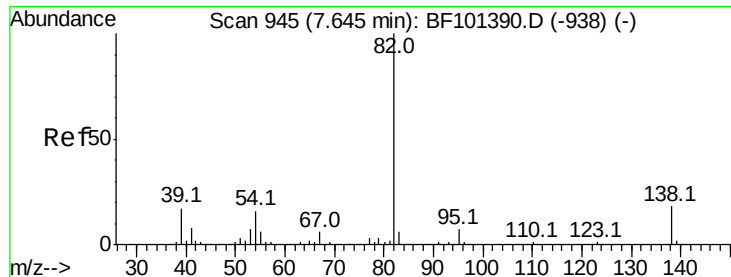
Tot Ion: 82 Resp: 510394
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 53.7 41.4 62.2



#24
Nitrobenzene
Concen: 26.713 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion: 77 Resp: 260206
Ion Ratio Lower Upper
77 100
123 46.2 37.9 56.9
65 13.1 11.0 16.4





#25

Isophorone

Concen: 26.963 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

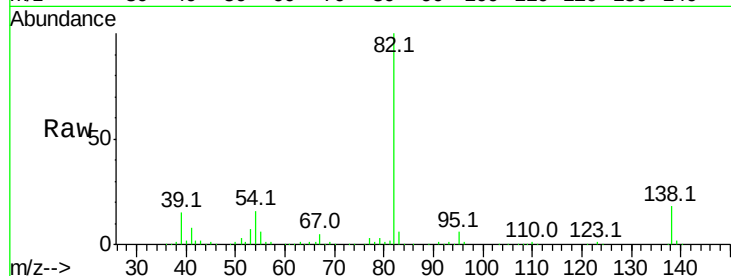
Tot Ion: 82 Resp: 476056

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

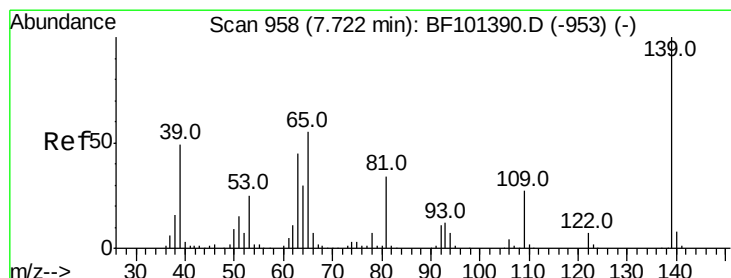
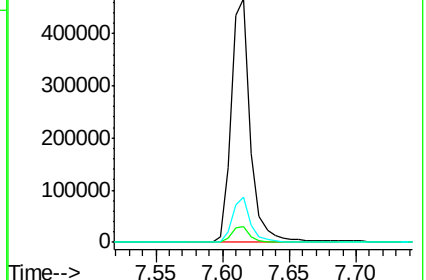
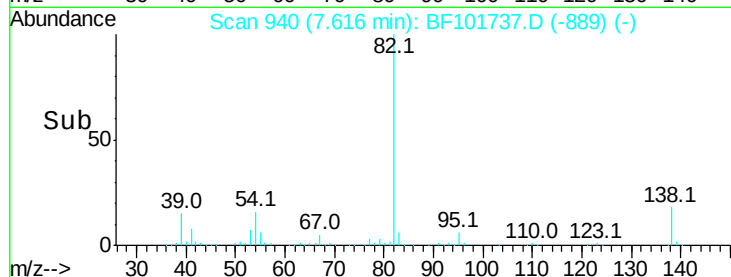
138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 21.153 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

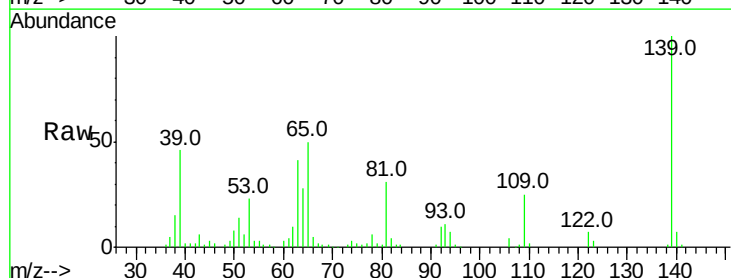
Tgt Ion: 139 Resp: 88522

Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

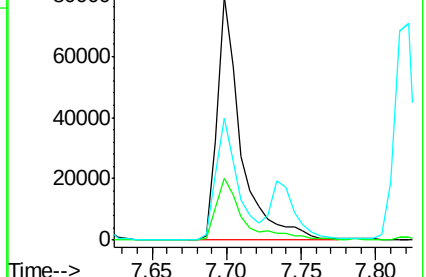
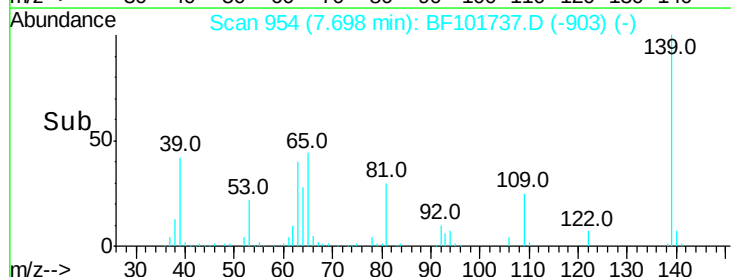
65 50.2 40.5 60.7

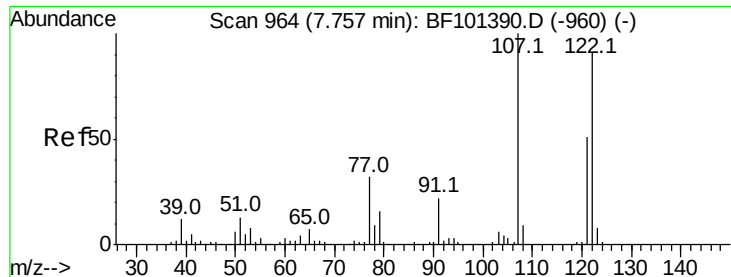


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

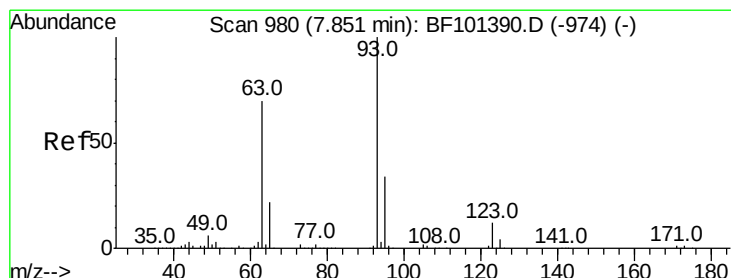
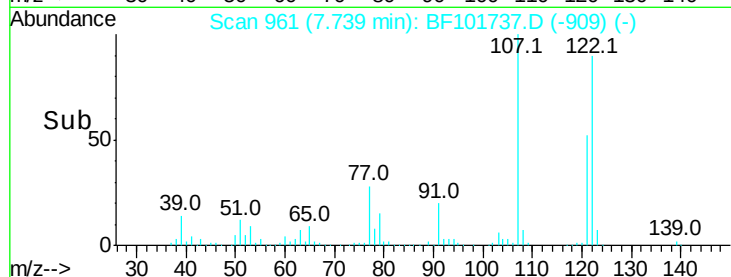
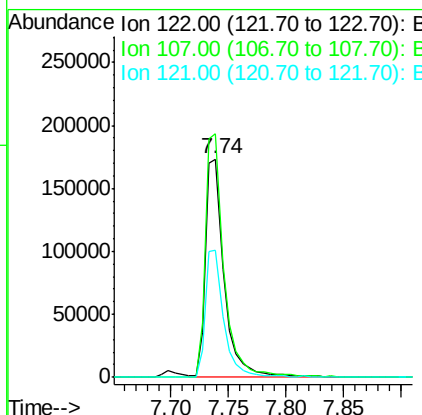
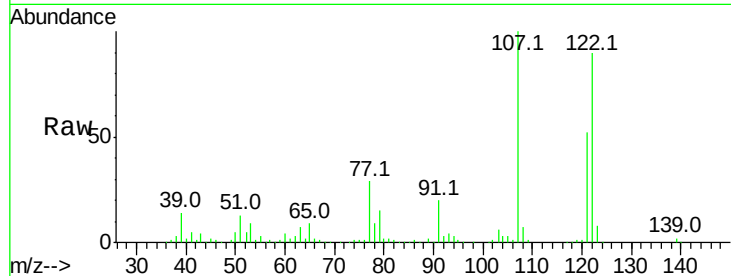




#27
 2,4-Dimethylphenol
 Concen: 27.580 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

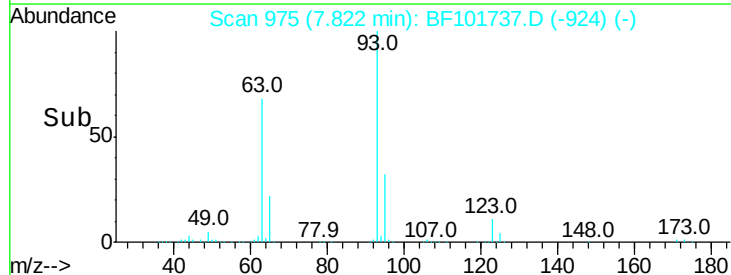
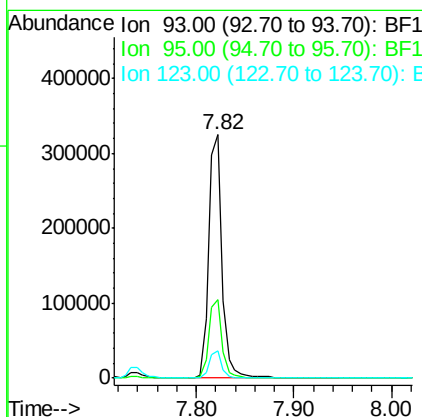
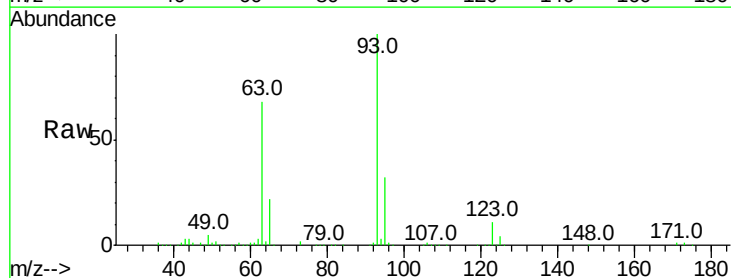
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

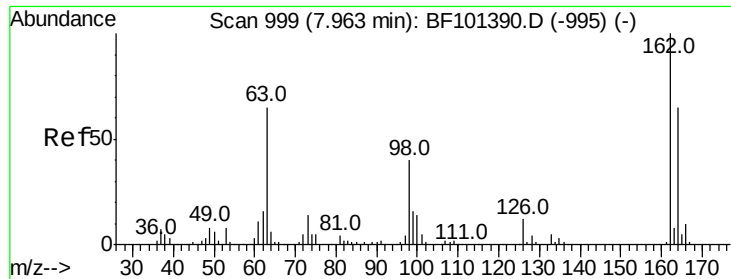
Tot Ion:122 Resp: 196075
 Ion Ratio Lower Upper
 122 100
 107 111.4 91.2 136.8
 121 58.0 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 27.378 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion: 93 Resp: 307051
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.1 9.8 14.6

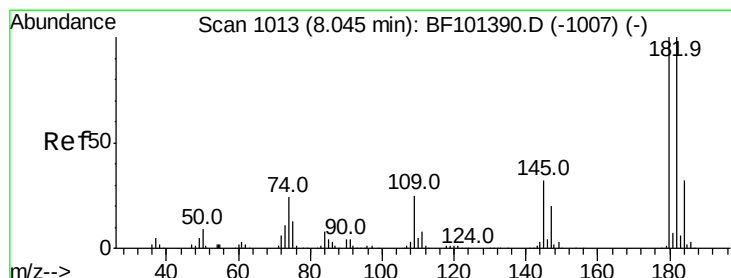
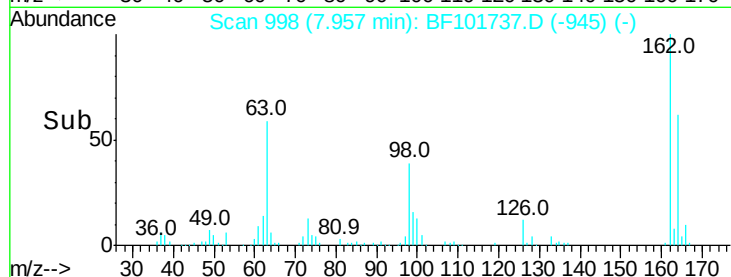
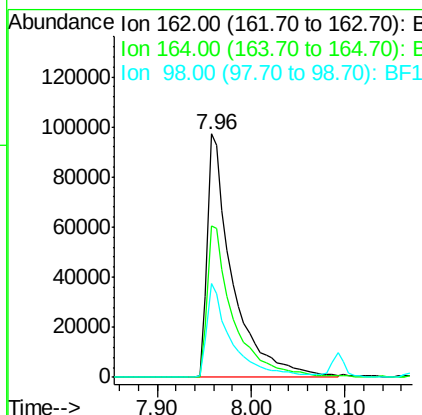
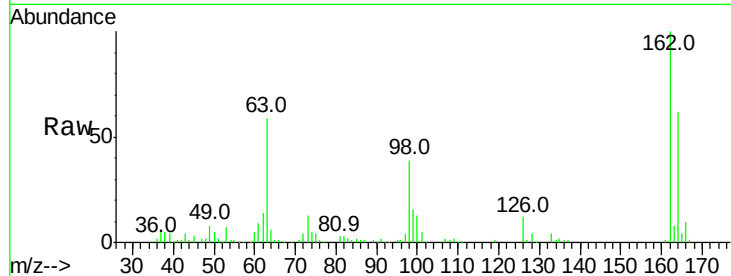




#29
 2,4-Dichlorophenol
 Concen: 25.977 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

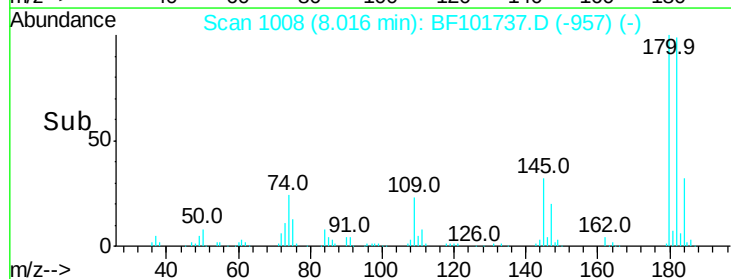
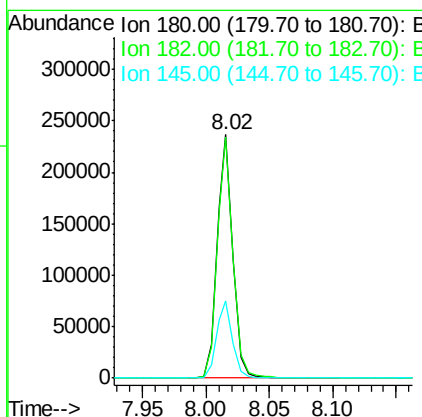
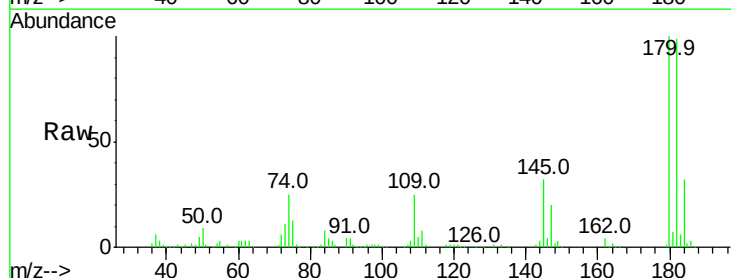
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

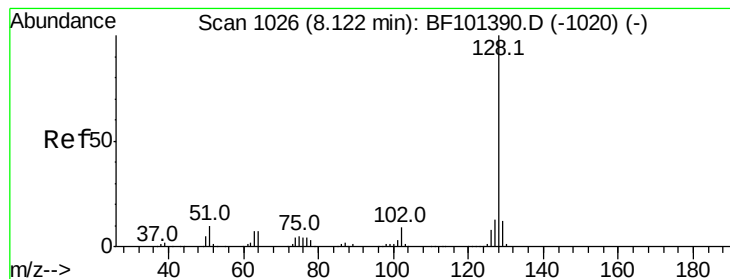
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.7	82.7
98	38.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 27.824 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.8	115.2
145	31.9	26.5	39.7





#31

Naphthalene

Concen: 27.981 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

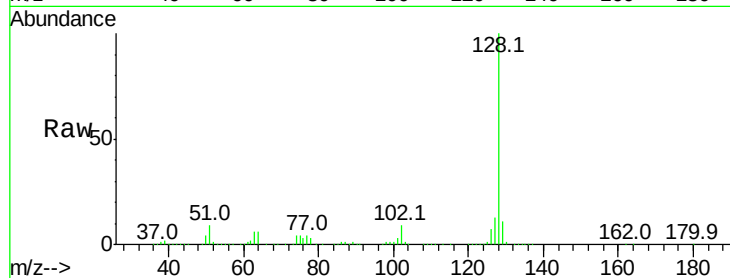
Tot Ion:128 Resp: 690149

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

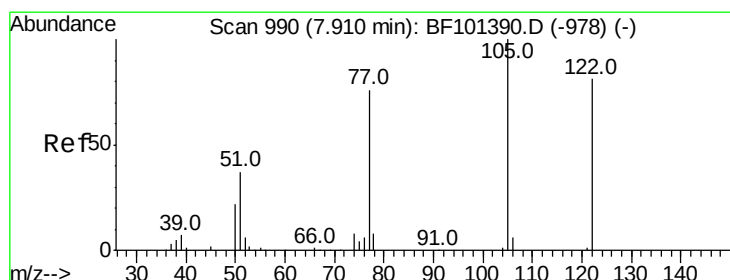
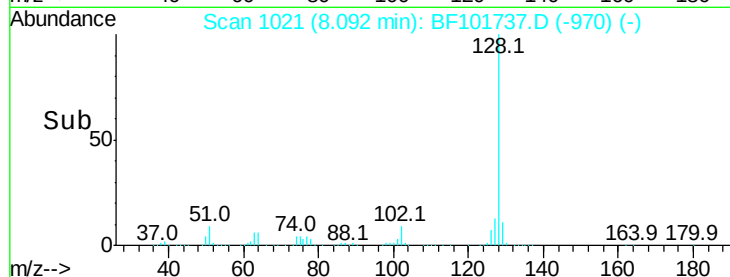
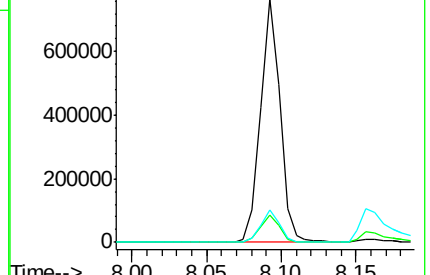
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.104 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.16 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

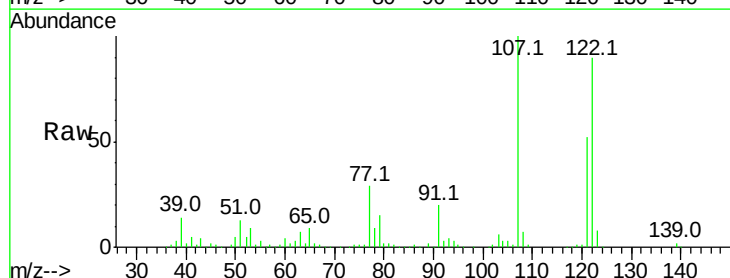
Tgt Ion:122 Resp: 196075

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

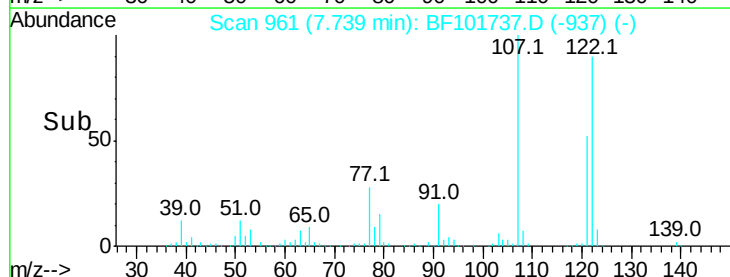
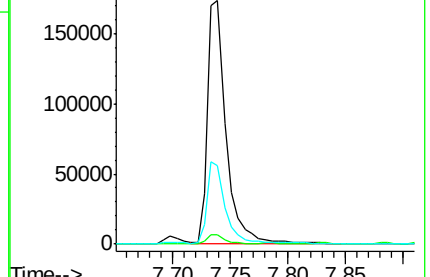
77 32.0 70.7 110.7#

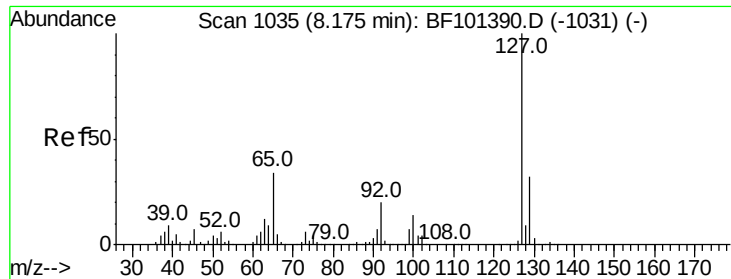


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

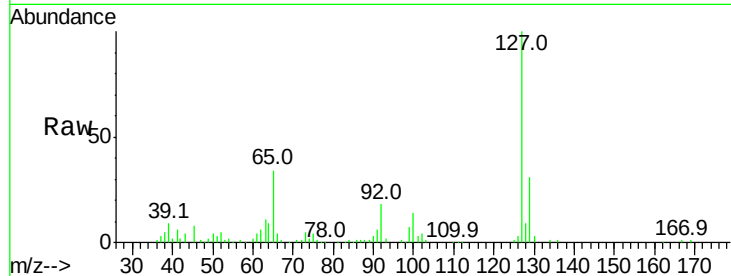




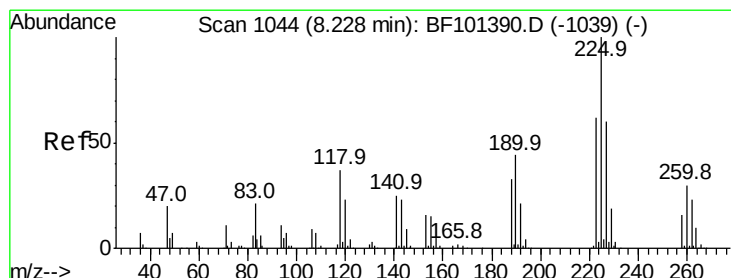
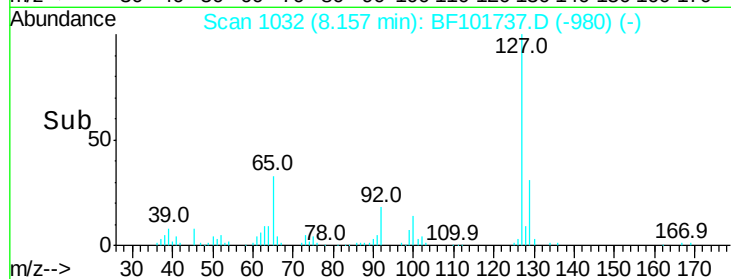
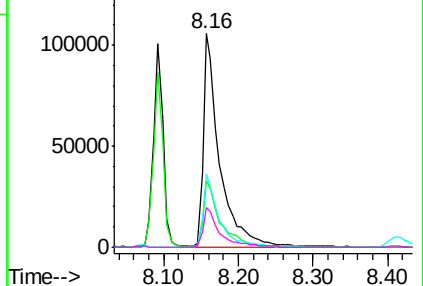
#33
 4-Chloroaniline
 Concen: 15.261 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tot Ion:127	Resp:	163604
Ion Ratio	Lower	Upper
127	100	
129	31.4	25.9 38.9
65	34.0	25.0 37.4
92	18.5	15.2 22.8

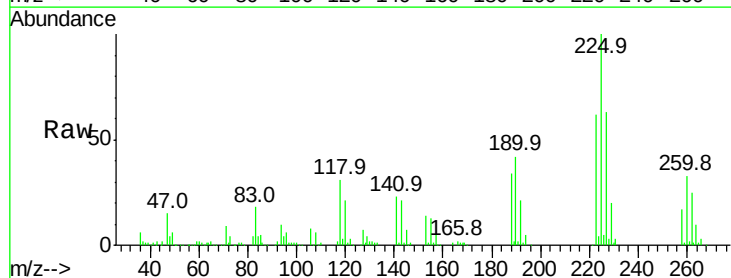


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

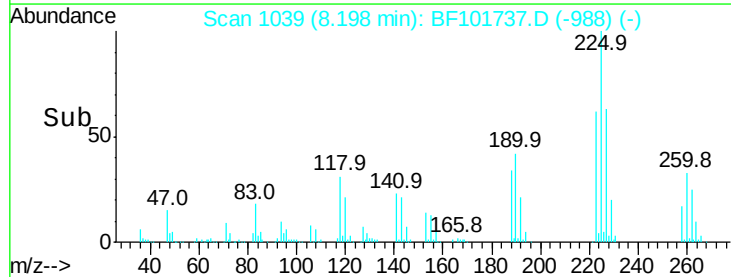
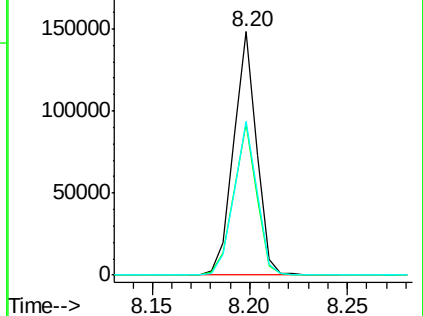


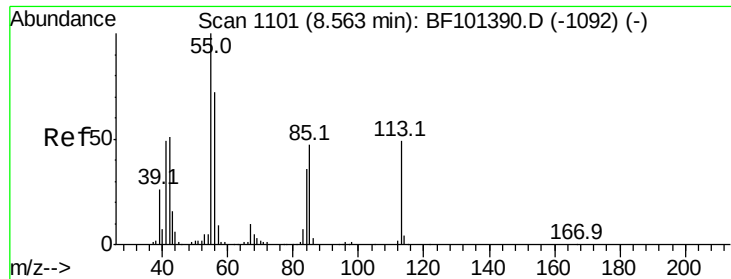
#34
 Hexachlorobutadiene
 Concen: 28.200 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion:225	Resp:	120895
Ion Ratio	Lower	Upper
225	100	
223	62.2	50.6 76.0
227	63.1	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: 23.901 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.02 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

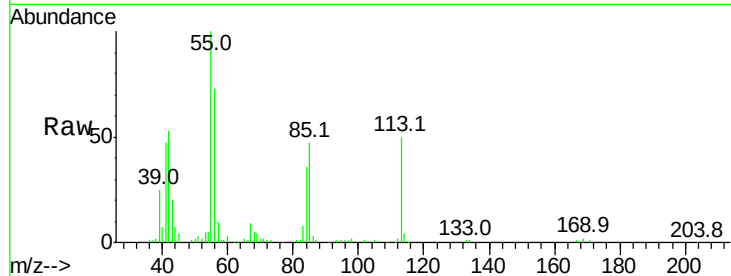
Tot Ion:113 Resp: 58291

Ion Ratio Lower Upper

113 100

55 201.9 163.3 203.3

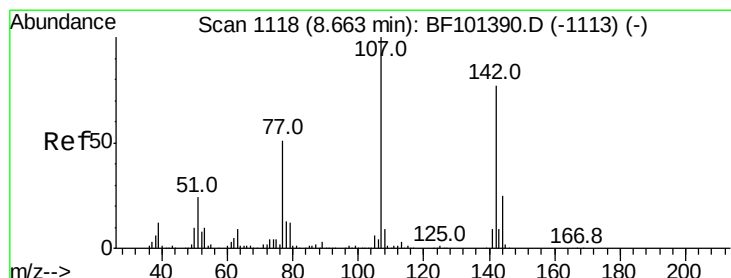
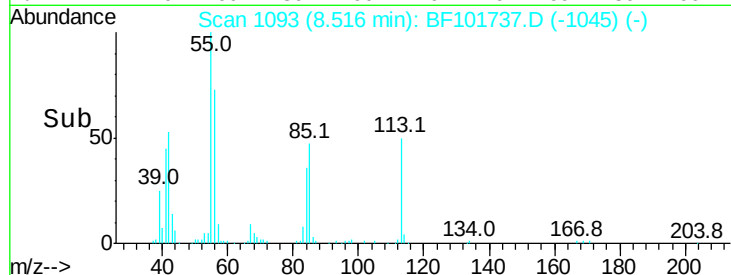
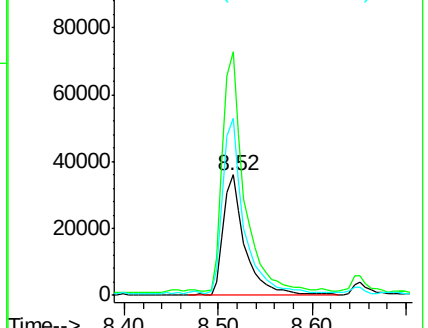
56 146.4 115.7 155.7



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: 23.657 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

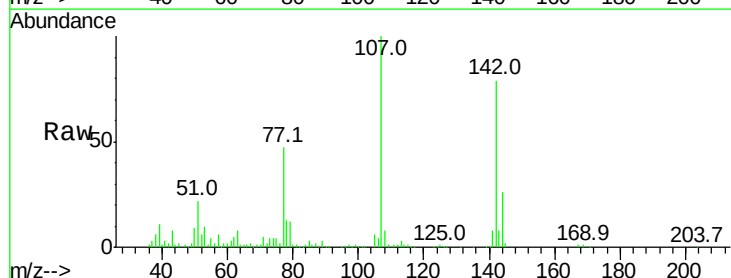
Tgt Ion:107 Resp: 182627

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

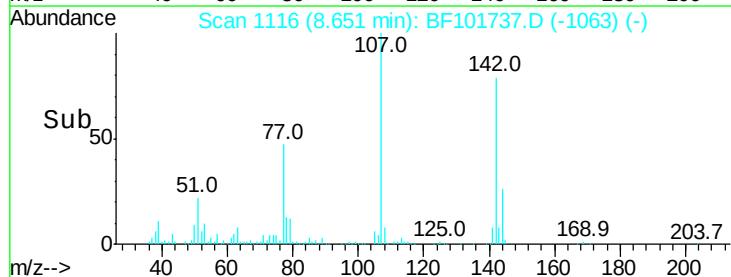
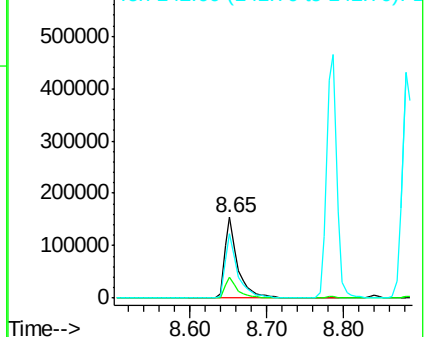
142 79.0 62.0 93.0

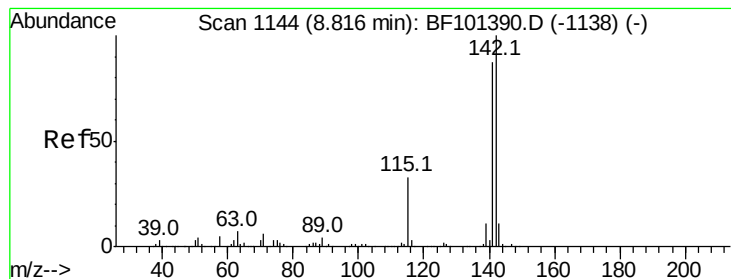


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

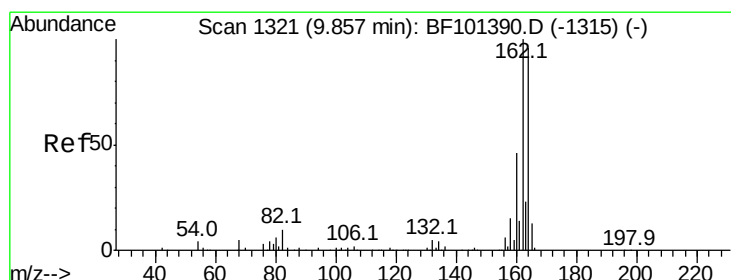
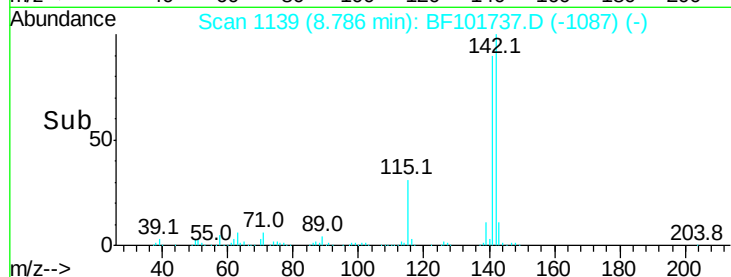
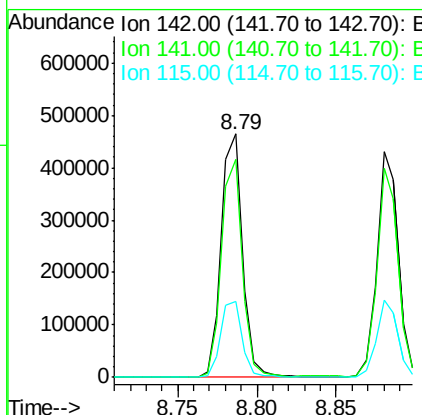
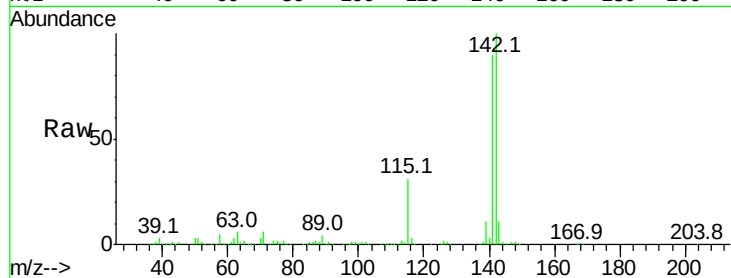




#37
 2-Methylnaphthalene
 Concen: 26.893 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

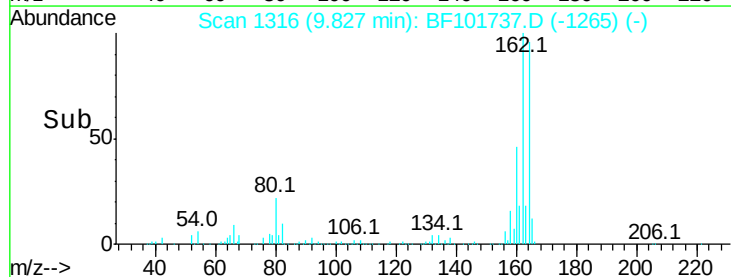
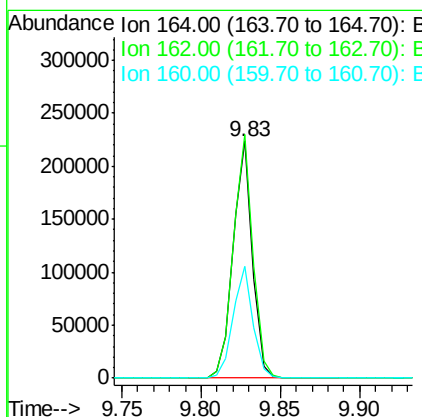
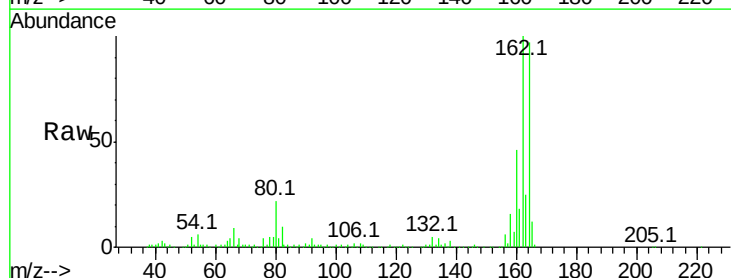
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

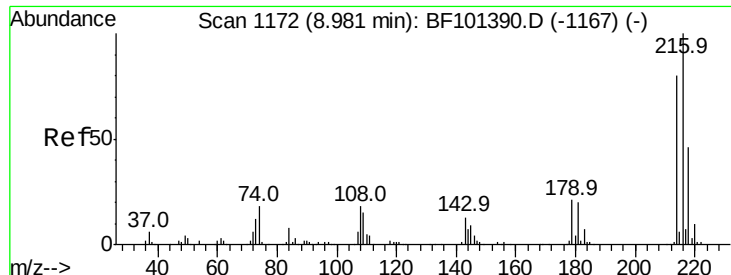
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	31.3	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	47.2	38.3	57.5

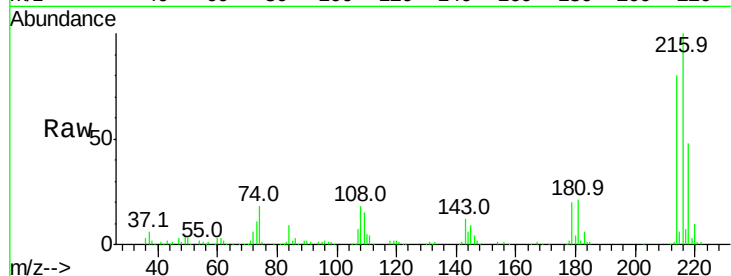




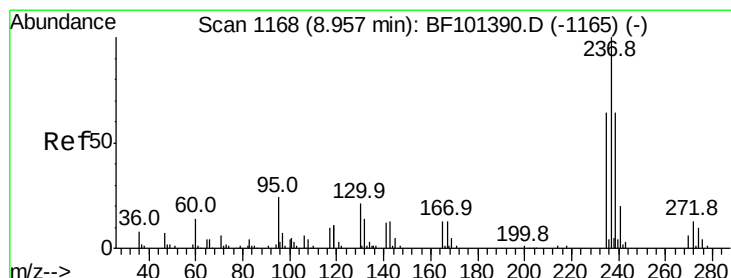
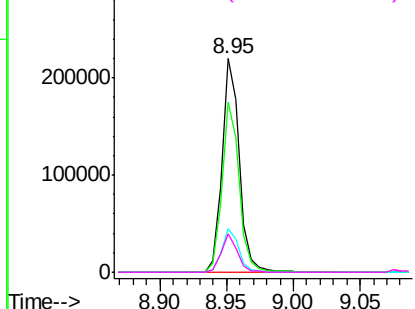
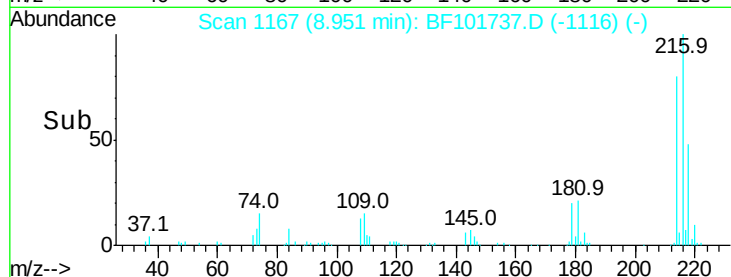
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.700 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tot Ion:	216	Resp:	201273
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	20.0	18.1	27.1
108	17.1	17.2	25.8#

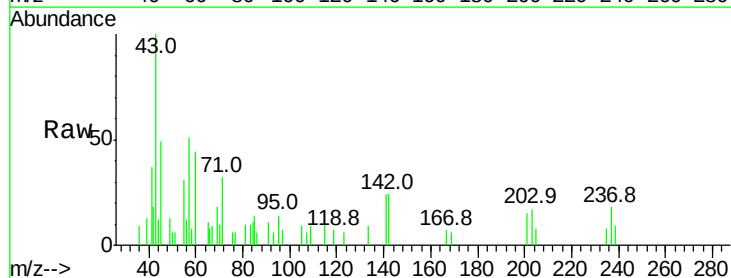


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

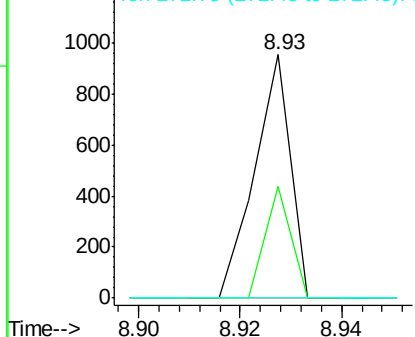
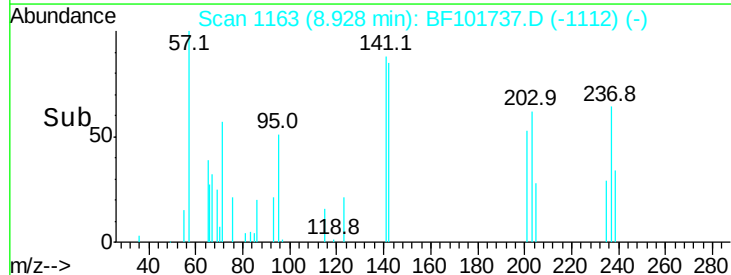


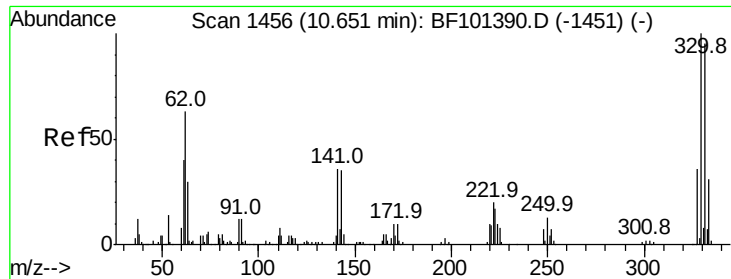
#40
 Hexachlorocyclopentadiene
 Concen: 11.817 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion:	237	Resp:	472
Ion	Ratio	Lower	Upper
237	100		
235	45.8	44.8	84.8
272	0.0	0.0	33.3



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

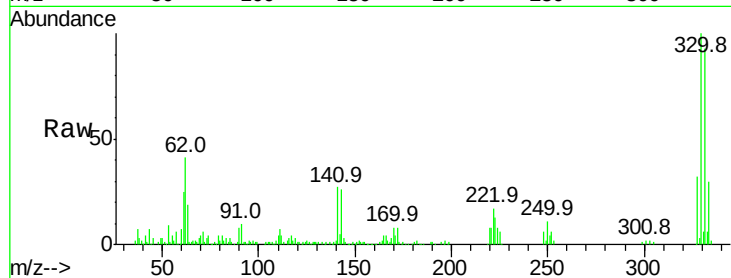




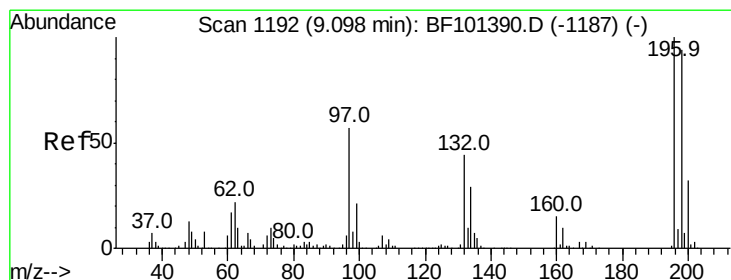
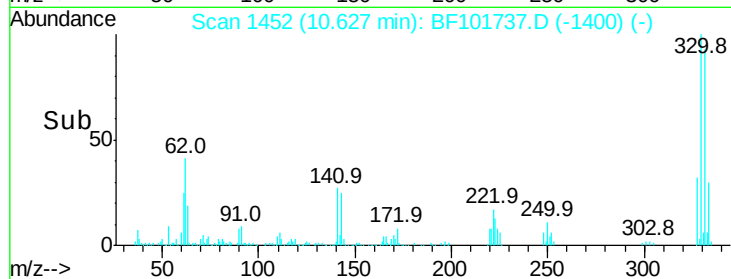
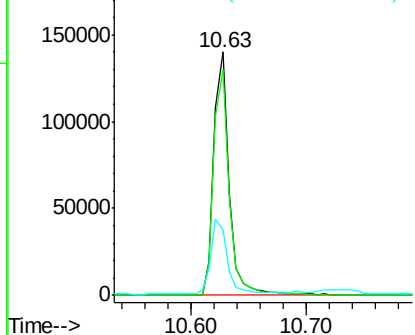
#41
 2,4,6-Tribromophenol
 Concen: 71.696 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tot Ion:330 Resp: 129918
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 35.1 29.9 44.9

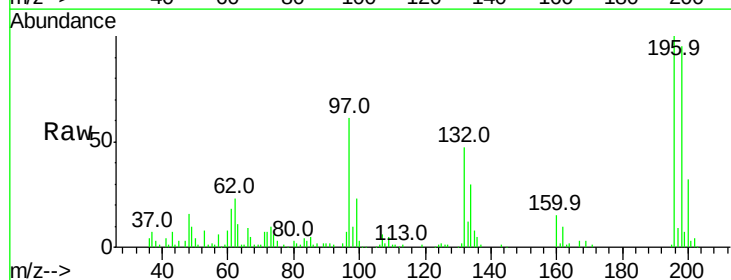


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

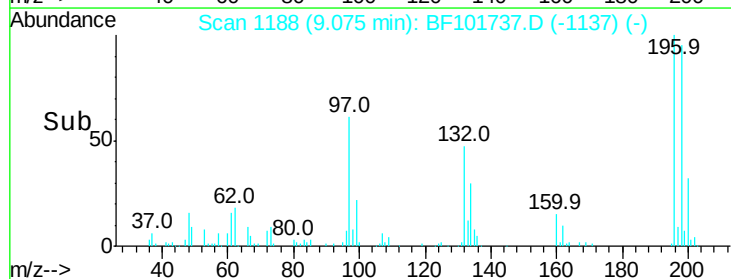
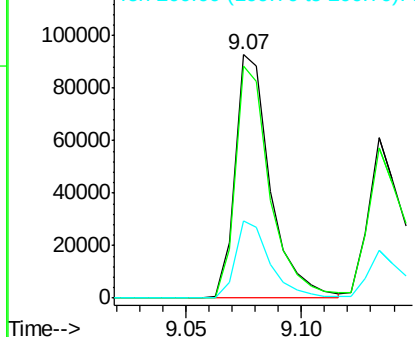


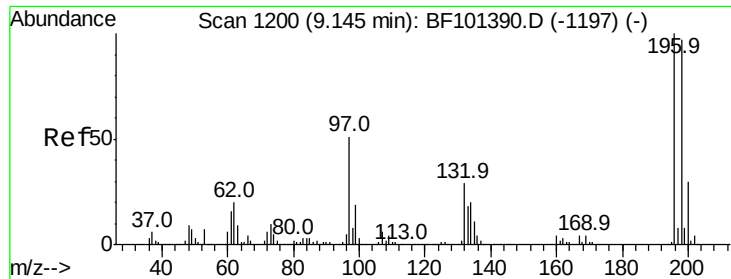
#42
 2,4,6-Trichlorophenol
 Concen: 25.946 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion:196 Resp: 99177
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 31.8 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

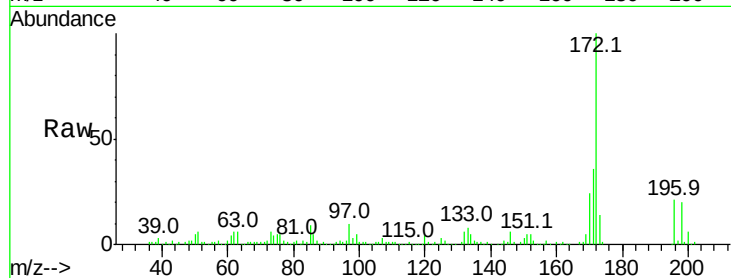




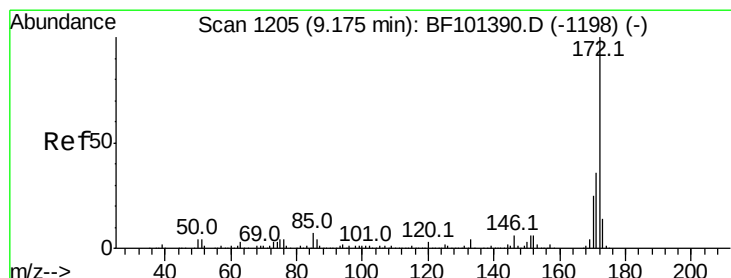
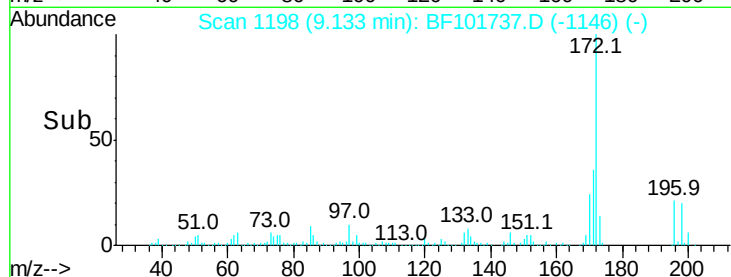
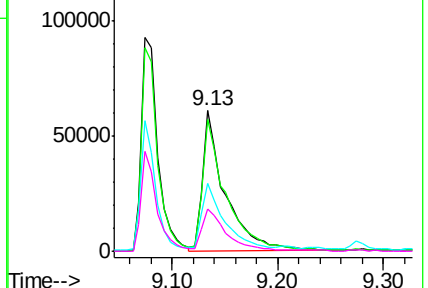
#43
 2,4,5-Trichlorophenol
 Concen: 21.312 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tot Ion:	196	Resp:	89197
Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.6	112.0
97	47.8	42.9	64.3
132	30.2	26.3	39.5

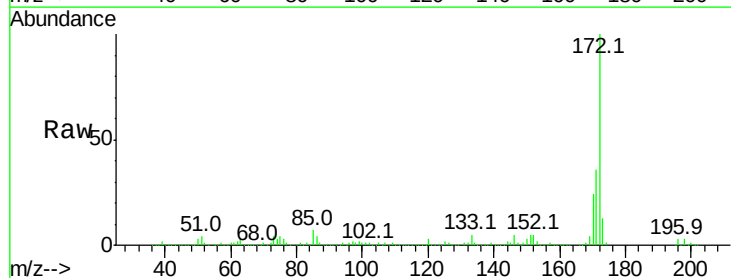


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

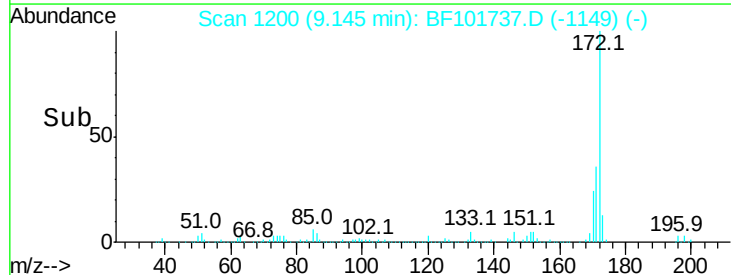
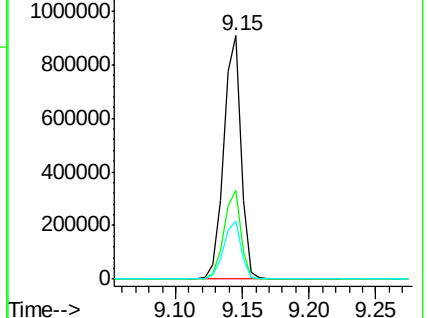


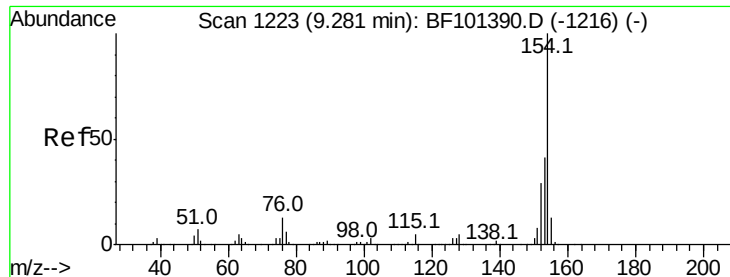
#44
 2-Fluorobiphenyl
 Concen: 69.071 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion:	172	Resp:	837340
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	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: 30.308 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

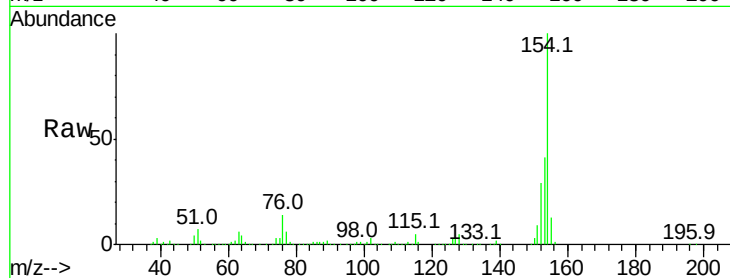
Tot Ion:154 Resp: 505469

Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

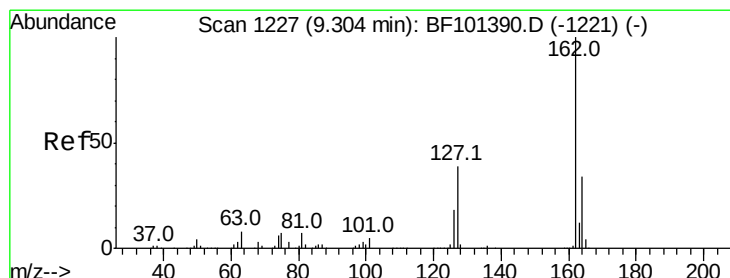
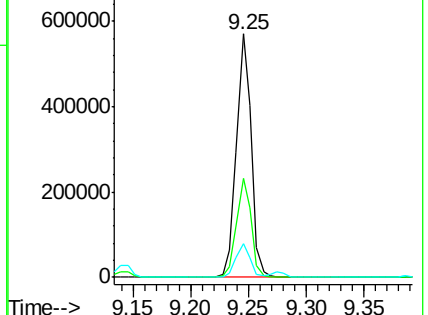
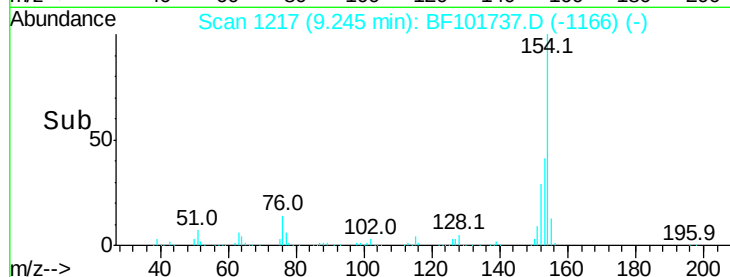
76 14.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 28.776 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

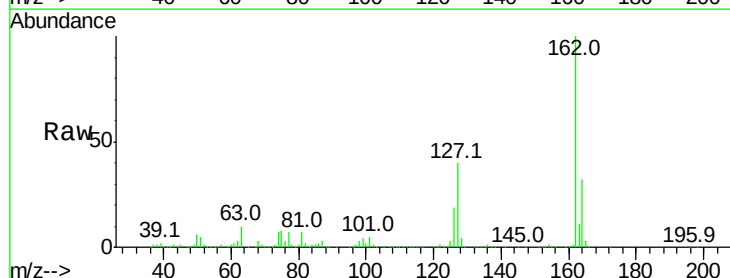
Tgt Ion:162 Resp: 367211

Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

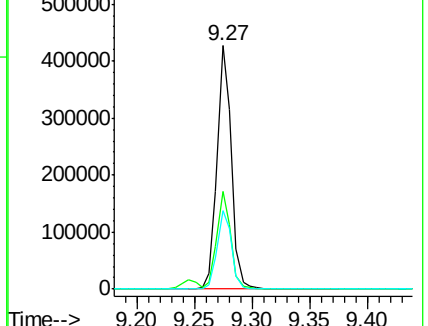
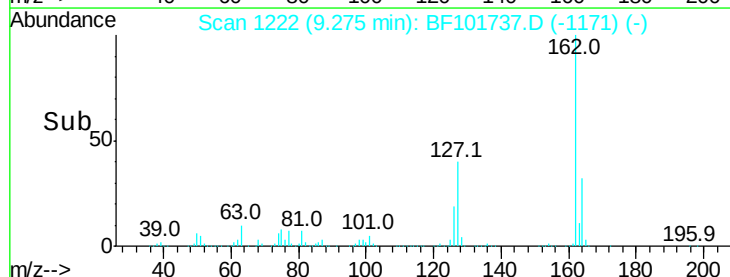
164 32.0 26.5 39.7

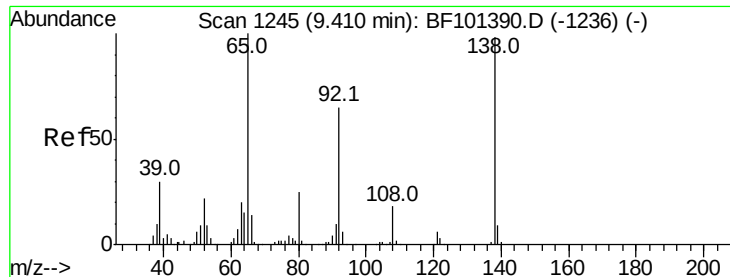


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 27.430 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

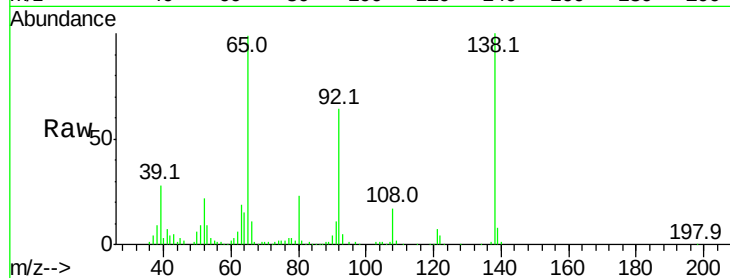
Tot Ion: 65 Resp: 120922

Ion Ratio Lower Upper

65 100

92 64.8 55.8 83.6

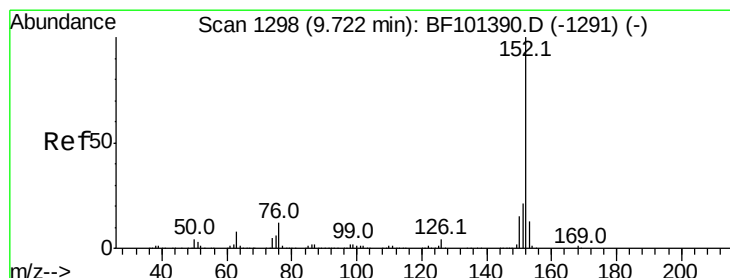
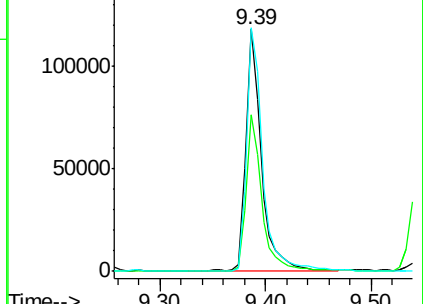
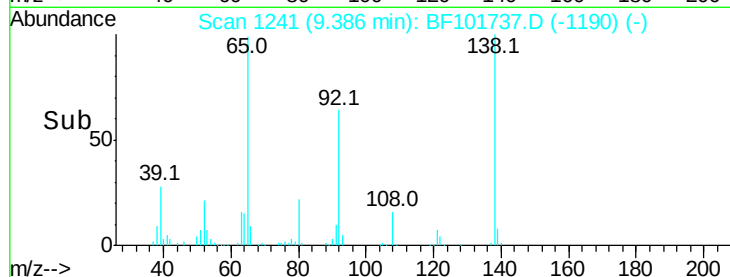
138 100.6 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 26.416 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

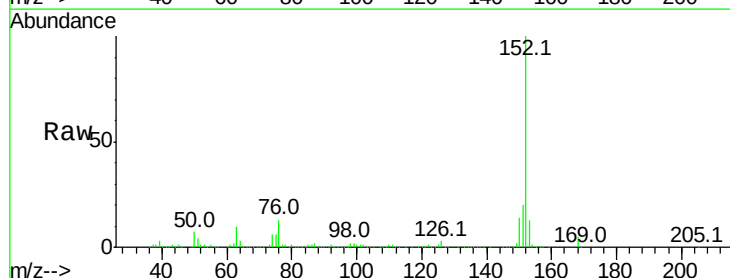
Tgt Ion: 152 Resp: 532442

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

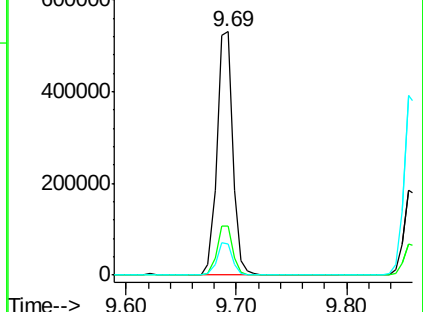
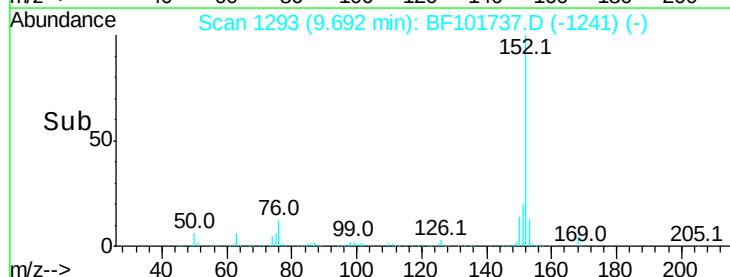
153 12.9 10.7 16.1

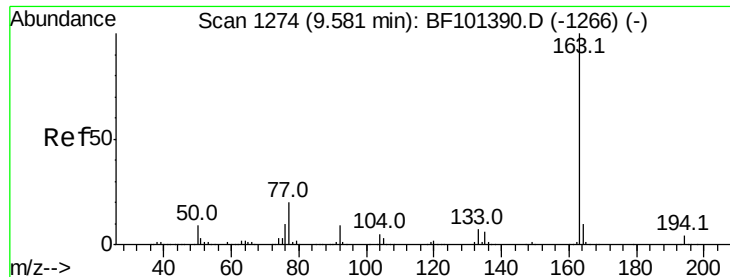


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

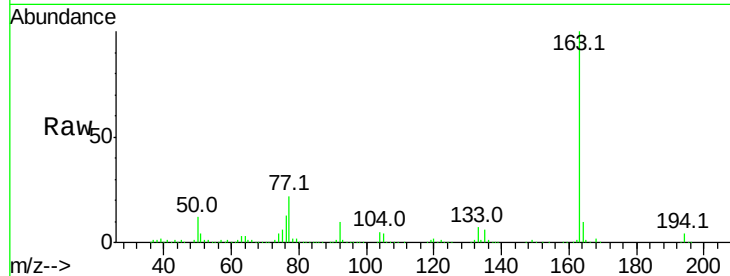




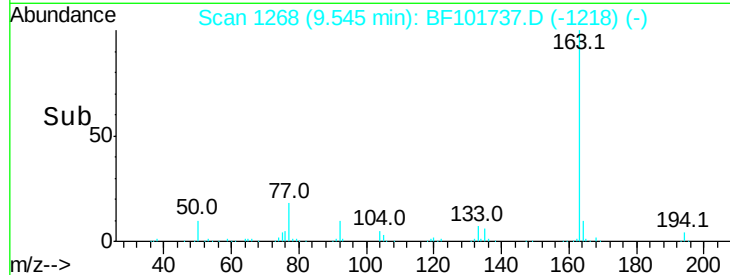
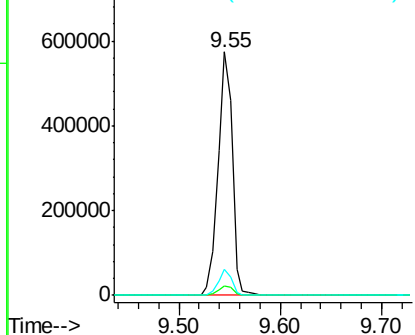
#49
Dimethylphthalate
Concen: 37.097 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2

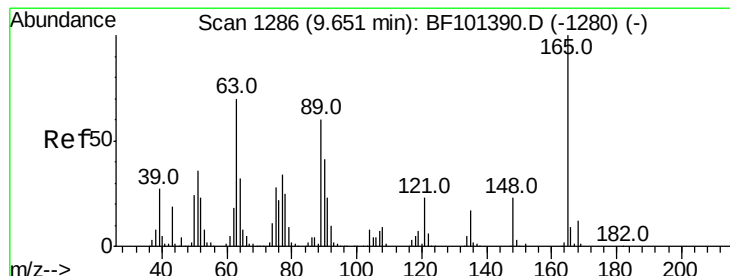


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

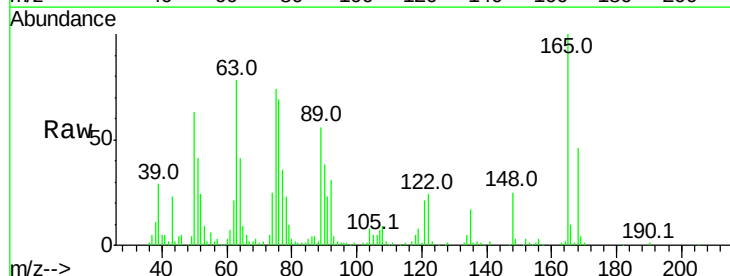
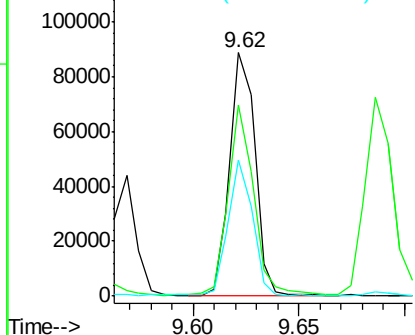


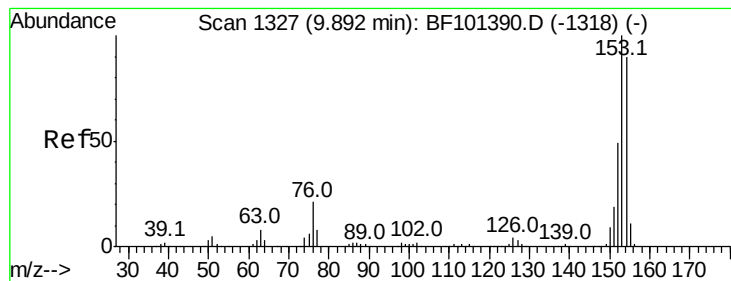
#50
2,6-Dinitrotoluene
Concen: 24.157 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.4	44.7	67.1#
89	56.0	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 26.561 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

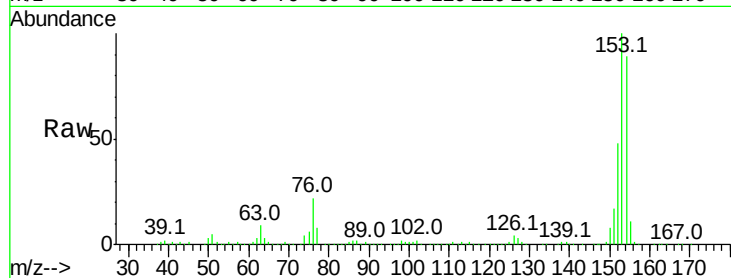
Tot Ion:154 Resp: 321641

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

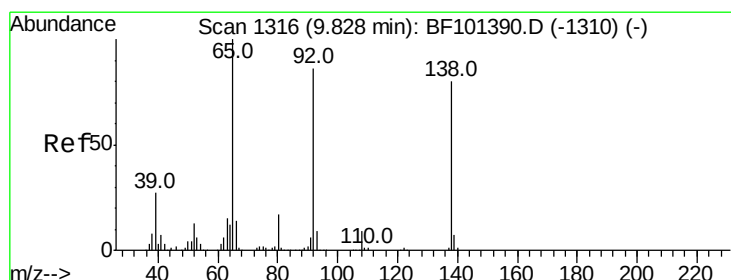
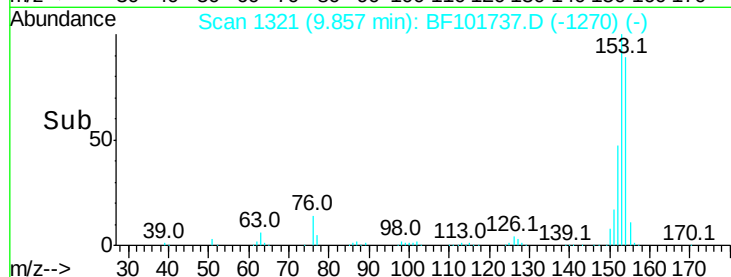
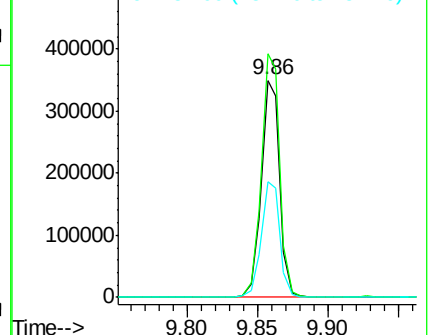
152 53.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.930 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

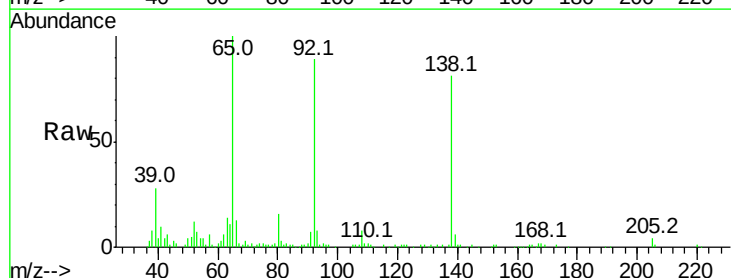
Tgt Ion:138 Resp: 95556

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

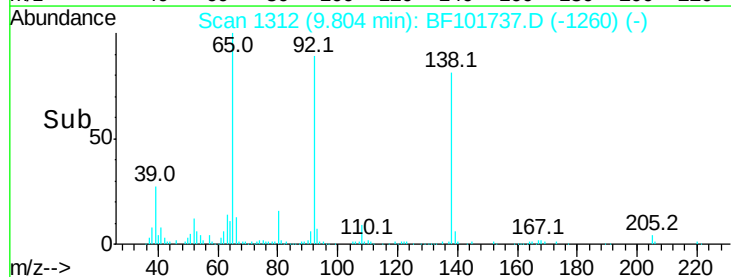
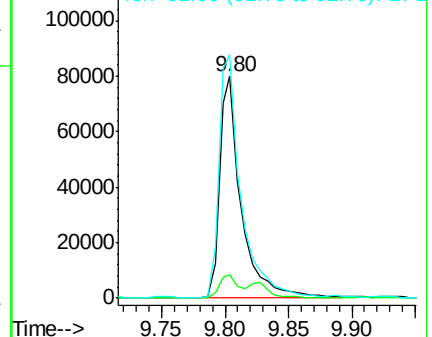
92 110.0 89.4 134.2

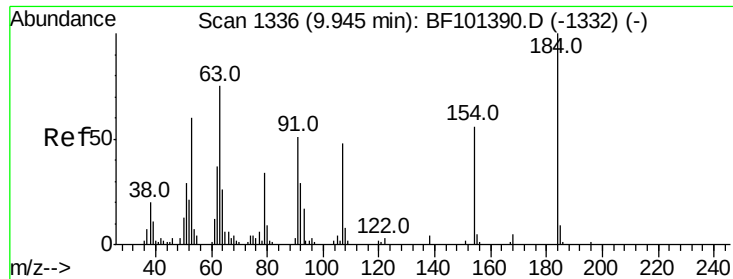


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

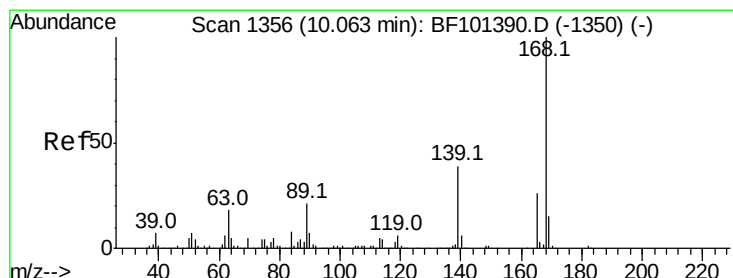
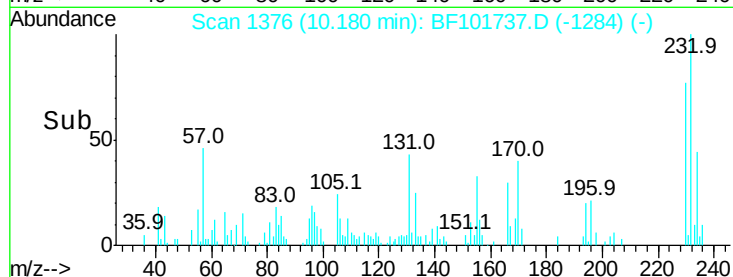
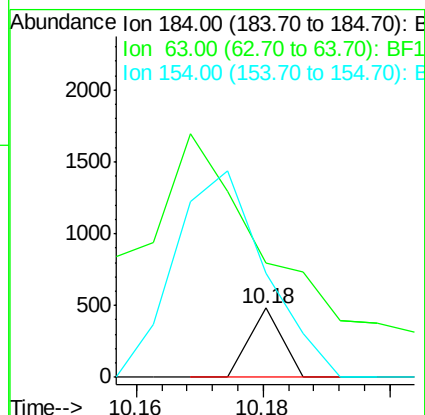
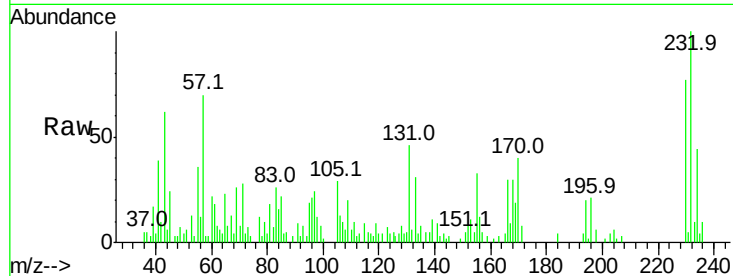




#53
2,4-Dinitrophenol
Concen: 10.459 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.24 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

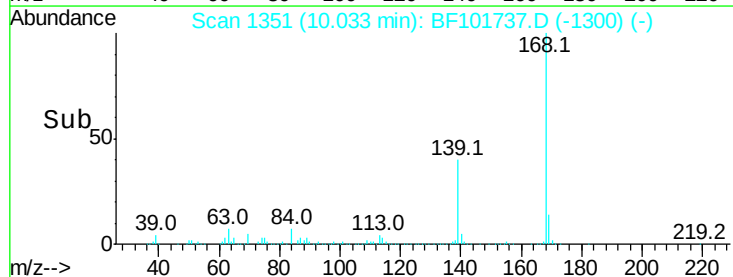
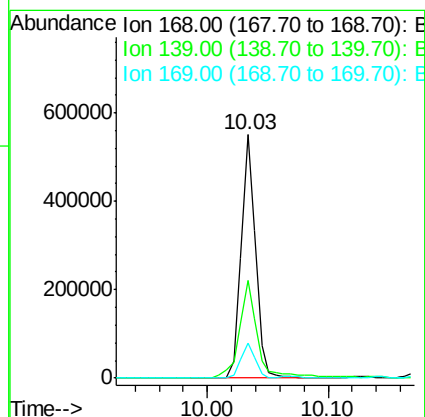
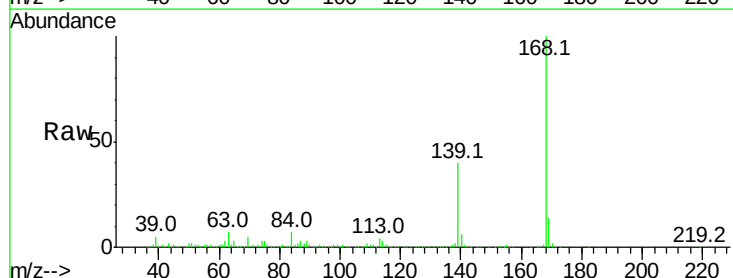
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

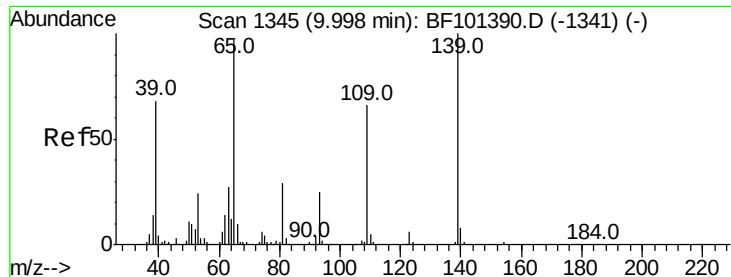
Tot Ion:184 Resp: 170
Ion Ratio Lower Upper
184 100
63 164.2 54.2 81.2#
154 149.5 184.0 276.0#



#54
Dibenzofuran
Concen: 29.859 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion:168 Resp: 459502
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 14.4 10.9 16.3





#55

4-Nitrophenol

Concen: 141.784 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.05 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

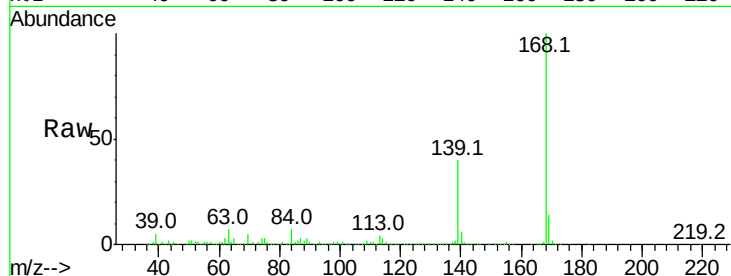
Tot Ion:139 Resp: 236969

Ion Ratio Lower Upper

139 100

109 5.0 48.4 88.4#

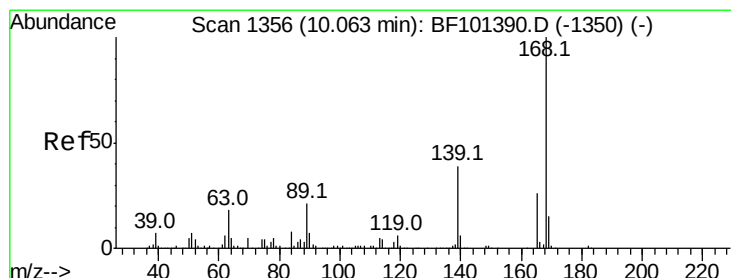
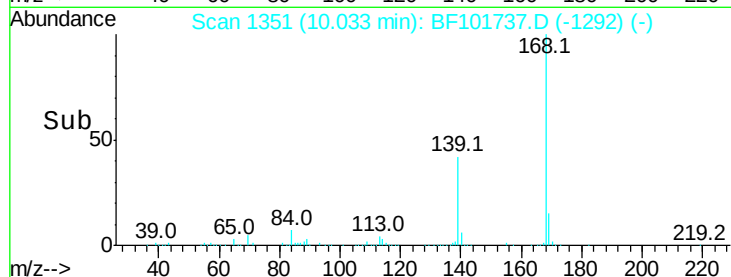
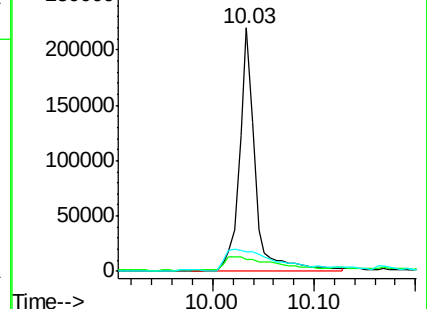
65 8.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 26.685 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion:165 Resp: 92430

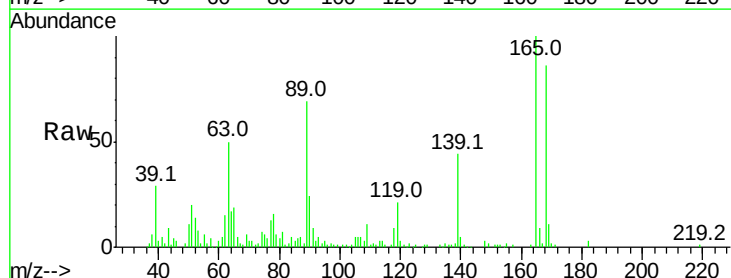
Ion Ratio Lower Upper

165 100

63 49.9 36.4 54.6

89 68.9 57.8 86.6

182 2.6 1.6 2.4#

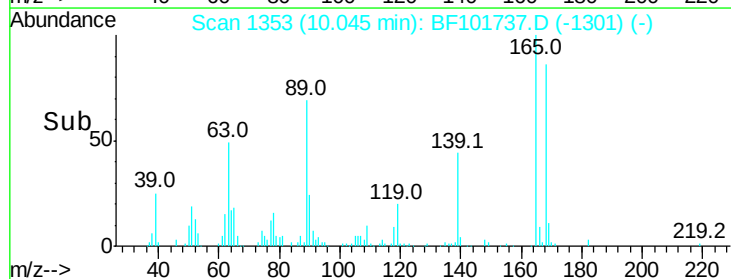
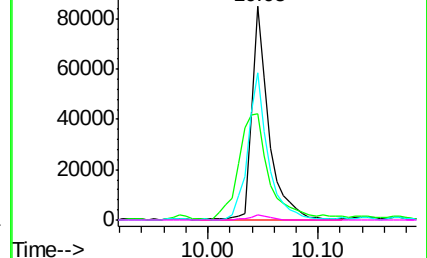


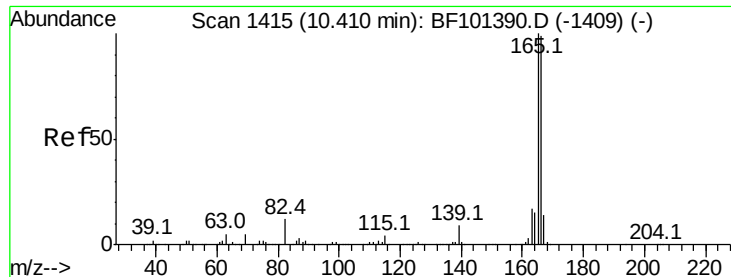
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

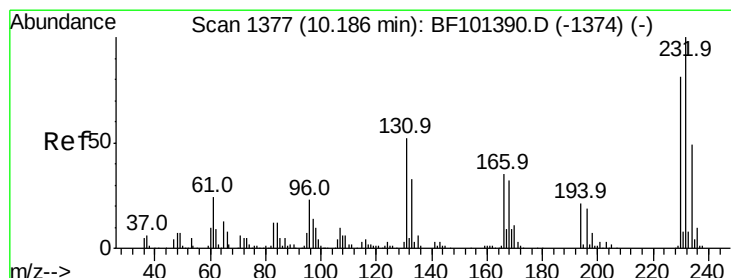
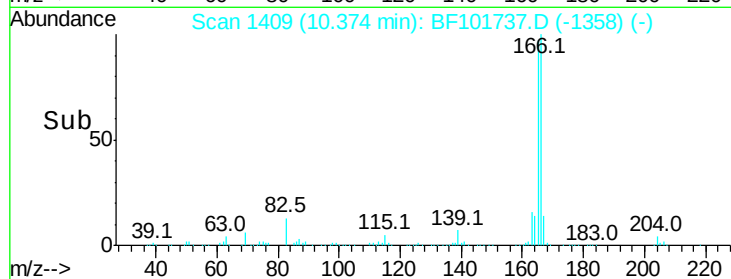
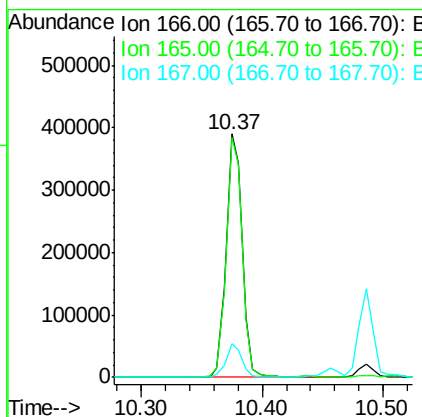
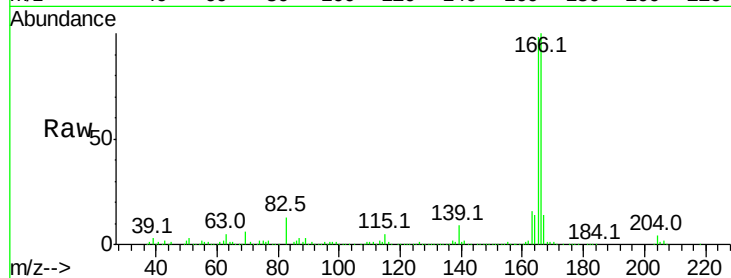




#57
 Fluorene
 Concen: 27.532 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

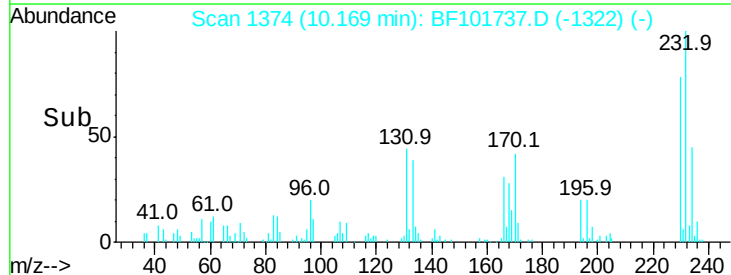
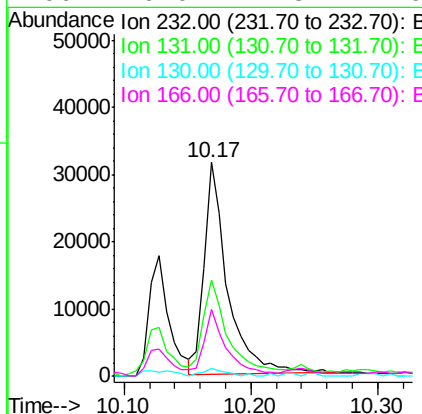
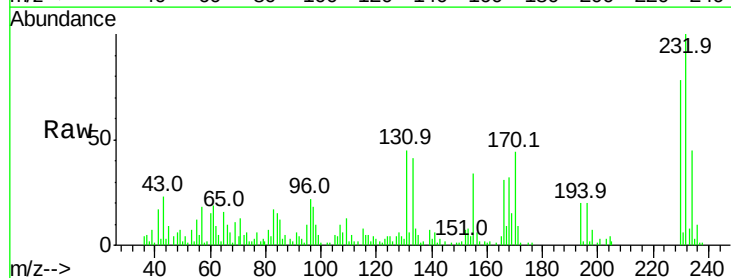
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

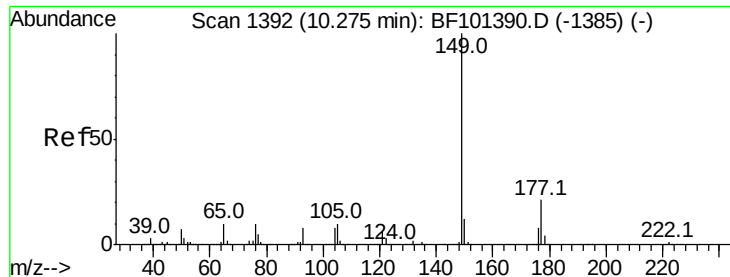
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 13.569 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.2	43.8	65.8
130	3.5	2.1	3.1#
166	0.0	27.8	41.6#

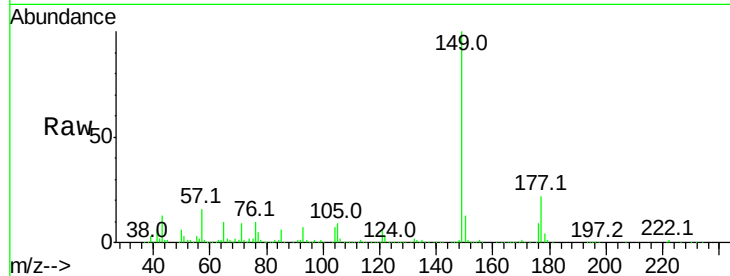




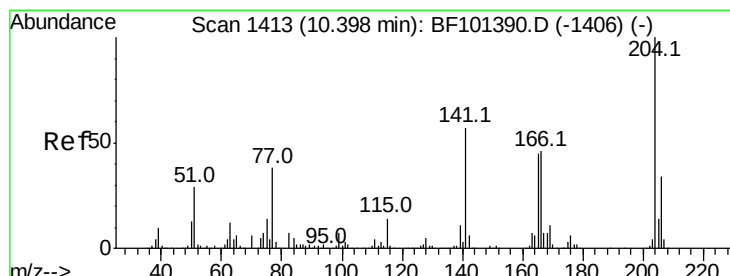
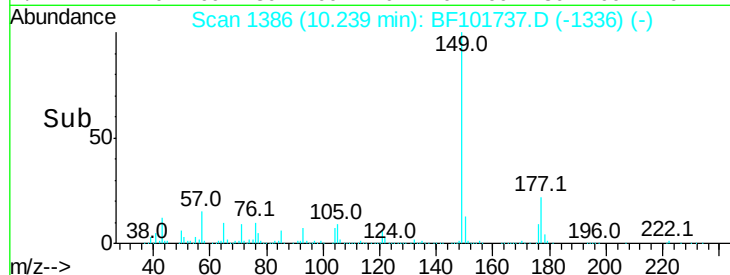
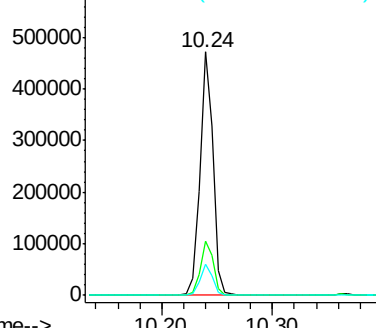
#59
Diethylphthalate
Concen: 25.907 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tot Ion:149 Resp: 388083
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.8 10.1 15.1

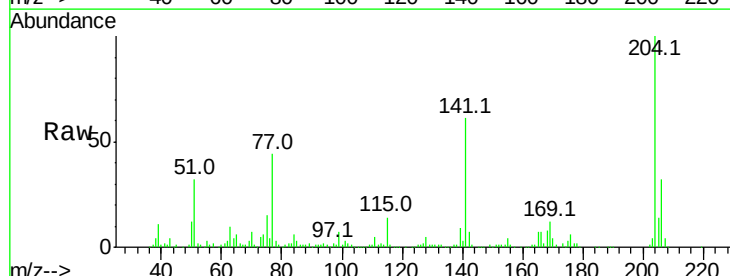


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

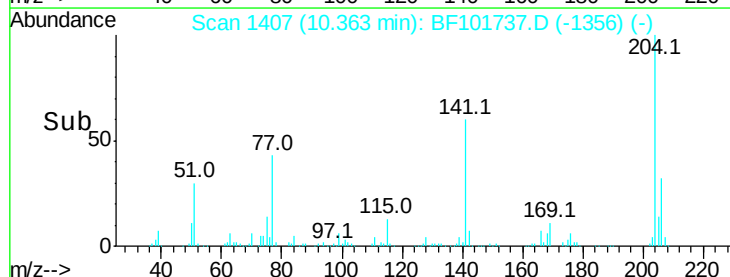
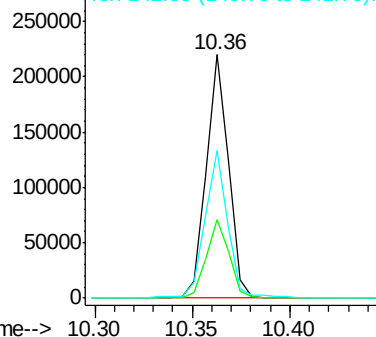


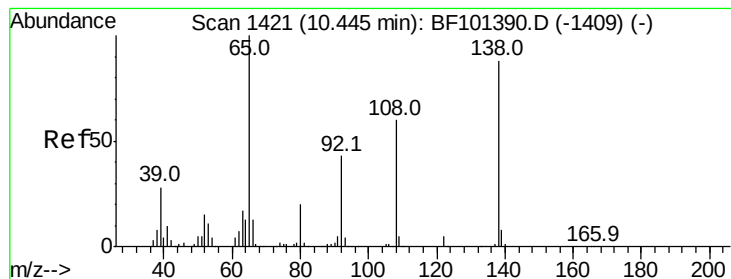
#60
4-Chlorophenyl-phenylether
Concen: 27.725 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion:204 Resp: 172985
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 60.5 54.6 81.8



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

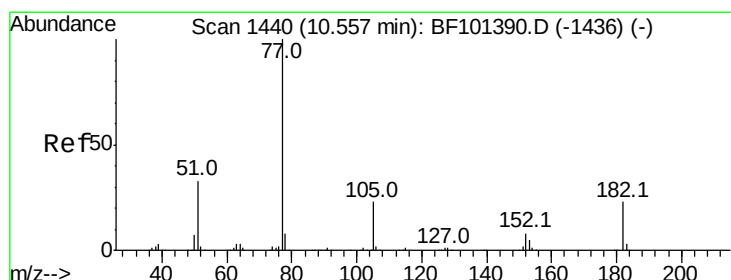
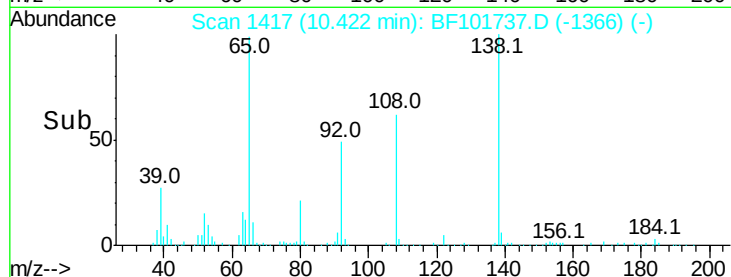
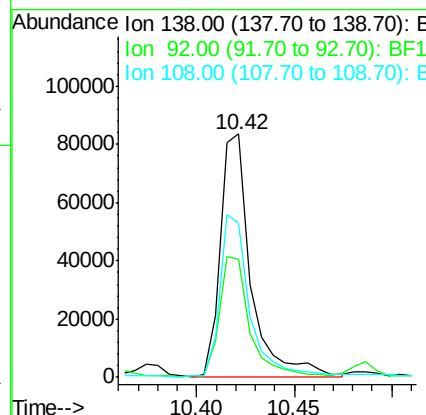
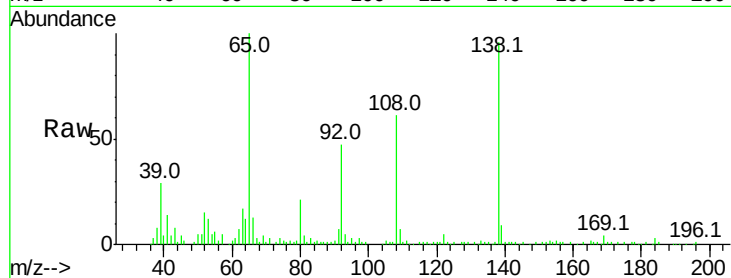




#61
 4-Nitroaniline
 Concen: 23.682 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

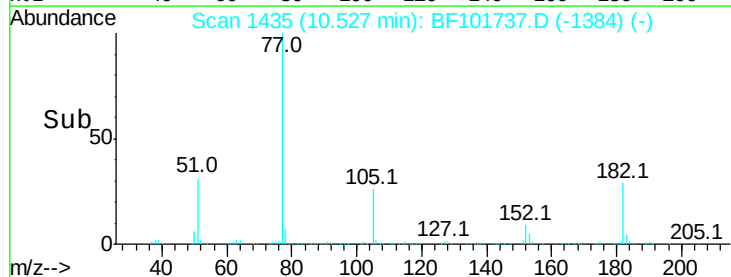
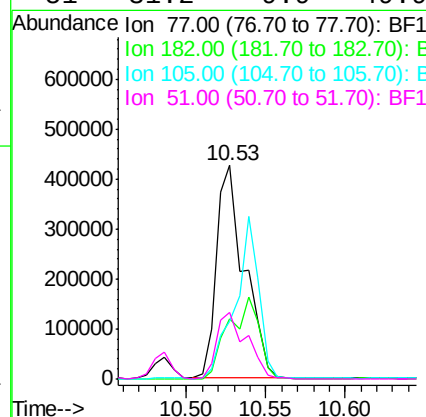
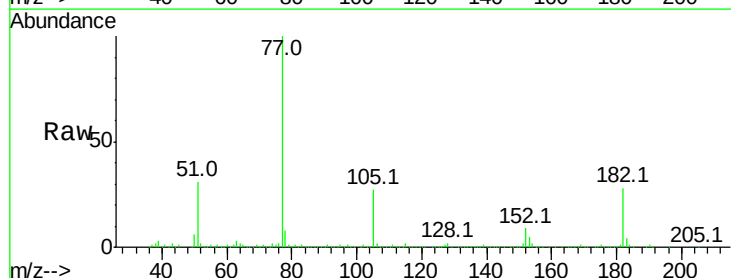
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

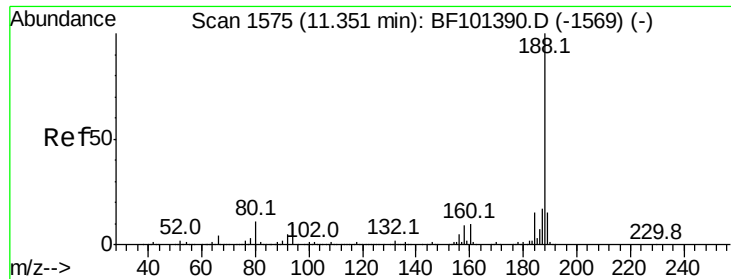
Tot Ion:138 Resp: 91240
 Ion Ratio Lower Upper
 138 100
 92 48.6 30.2 70.2
 108 63.3 52.5 92.5



#62
 Azobenzene
 Concen: 33.700 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion: 77 Resp: 522936
 Ion Ratio Lower Upper
 77 100
 182 28.4 1.7 41.7
 105 27.2 3.0 43.0
 51 31.2 9.9 49.9

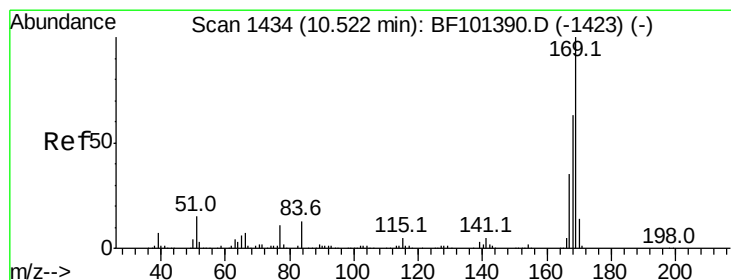
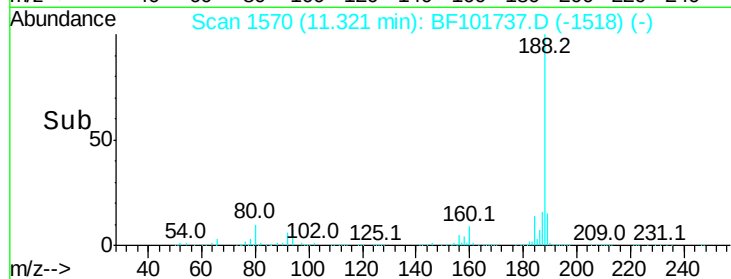
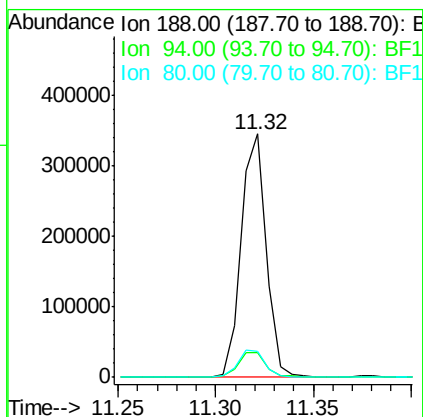
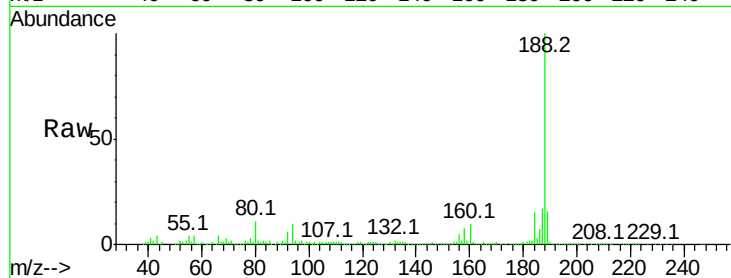




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

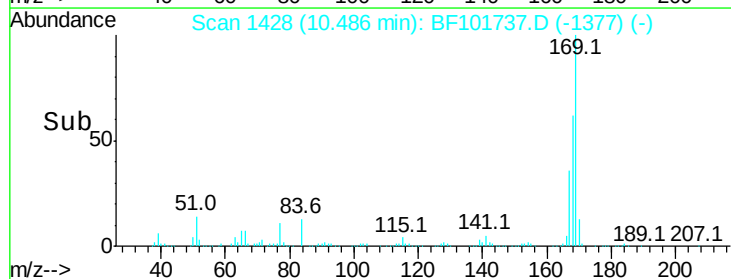
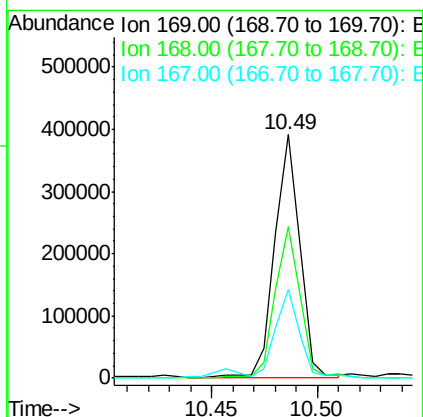
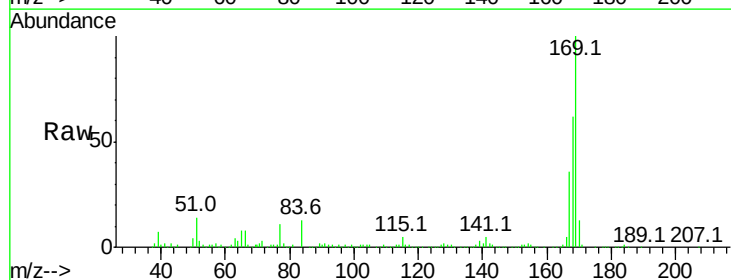
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

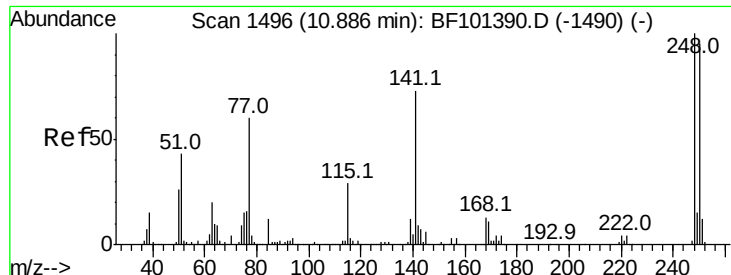
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.9	9.2	13.8



#65
 n-Nitrosodiphenylamine
 Concen: 28.486 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.4	54.4	81.6
167	36.2	29.8	44.6

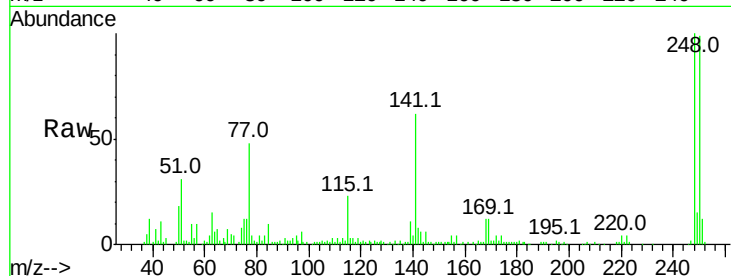




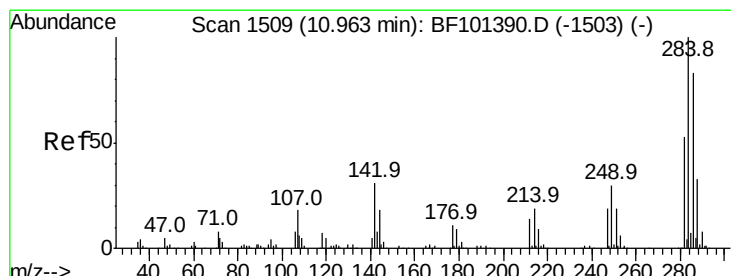
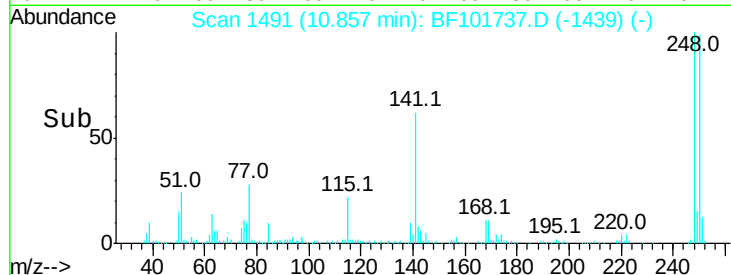
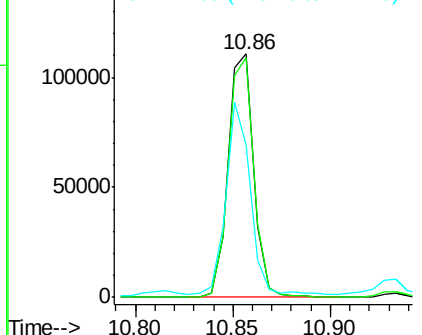
#66
 4-Bromophenyl-phenylether
 Concen: 29.081 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.9	115.3
141	62.5	74.4	111.6#

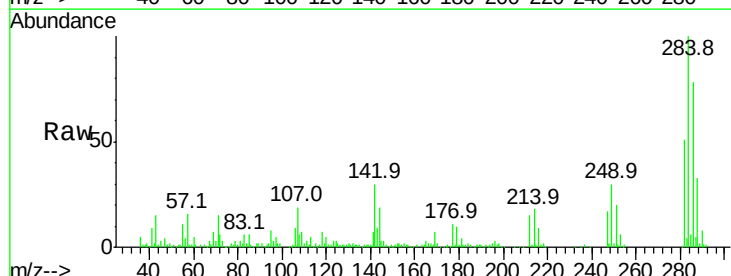


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

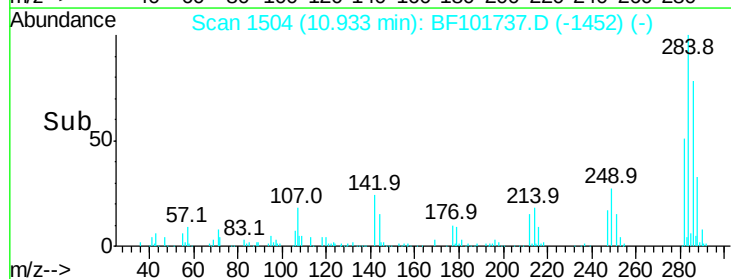
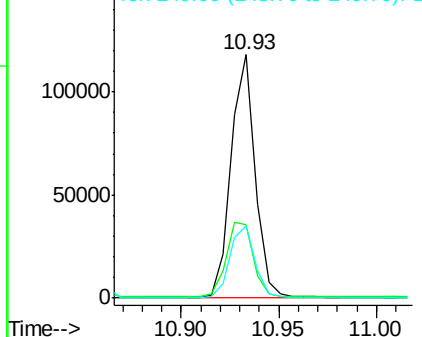


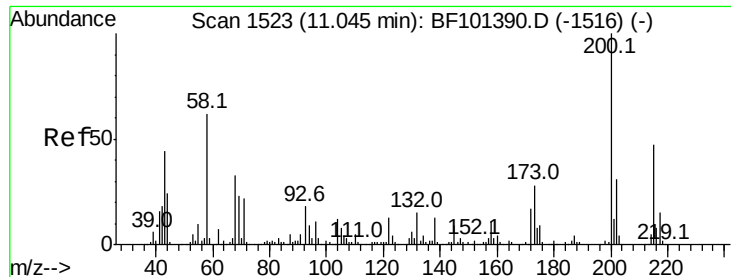
#67
 Hexachlorobenzene
 Concen: 27.787 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	34.6	52.0#
249	29.5	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: 27.949 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

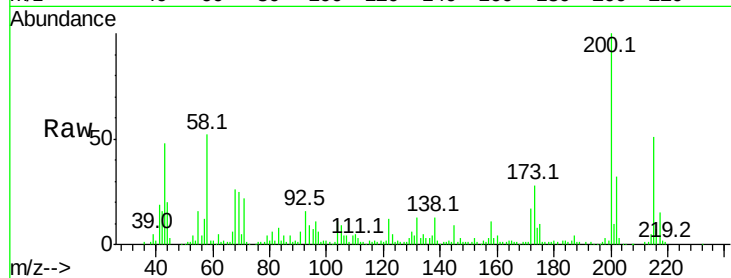
Tot Ion:200 Resp: 94517

Ion Ratio Lower Upper

200 100

173 27.6 8.6 48.6

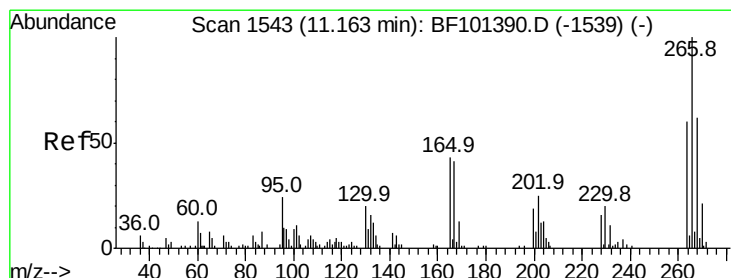
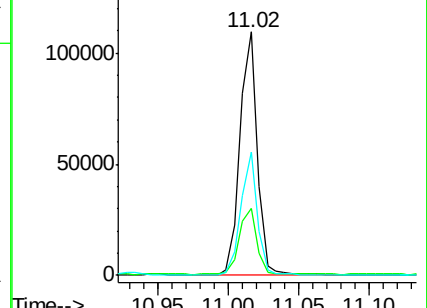
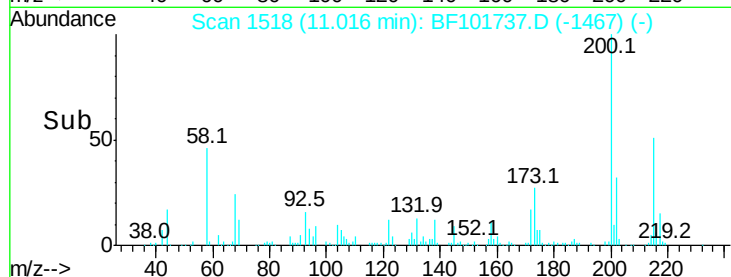
215 50.5 25.1 65.1



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: 7.795 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.02 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

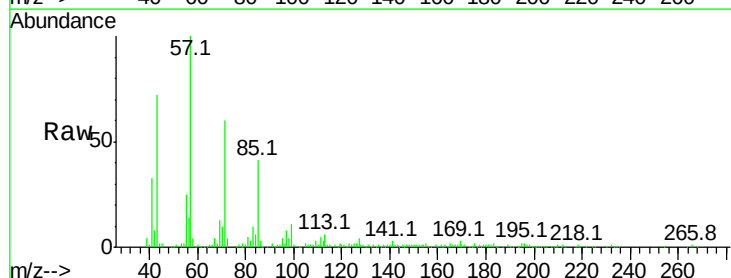
Tgt Ion:266 Resp: 1916

Ion Ratio Lower Upper

266 100

268 52.4 51.1 76.7

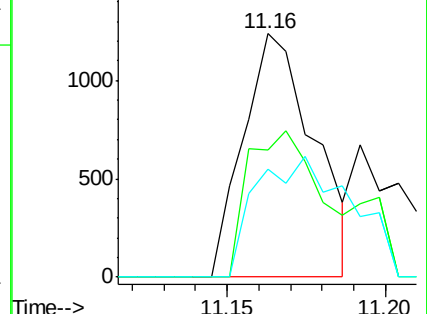
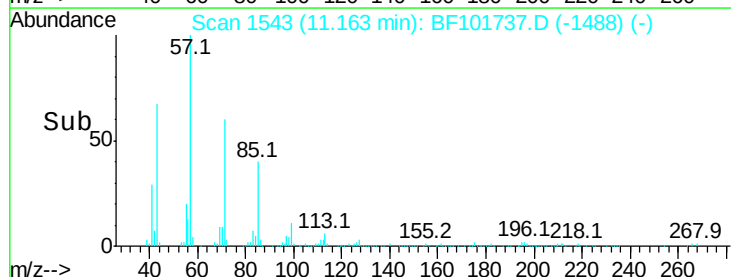
264 44.6 49.5 74.3#

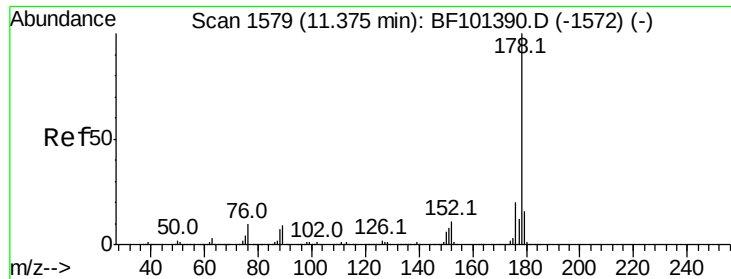


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 28.499 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

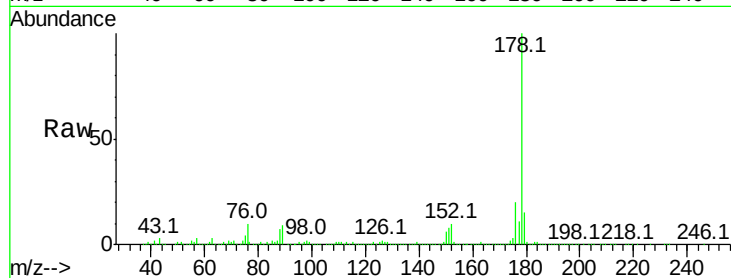
Tot Ion:178 Resp: 486808

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

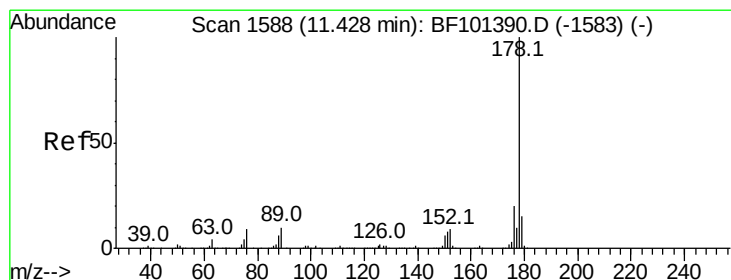
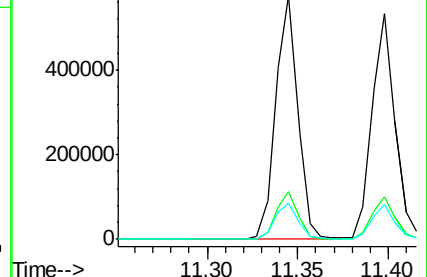
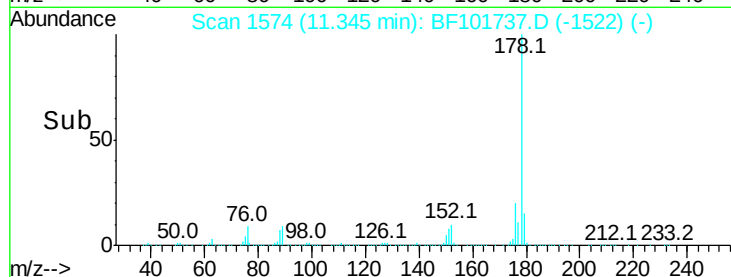
179 14.9 13.0 19.6



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: 27.210 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

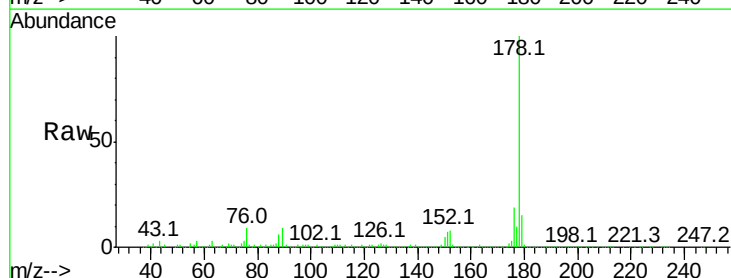
Tgt Ion:178 Resp: 474769

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

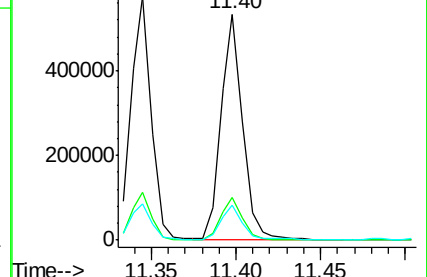
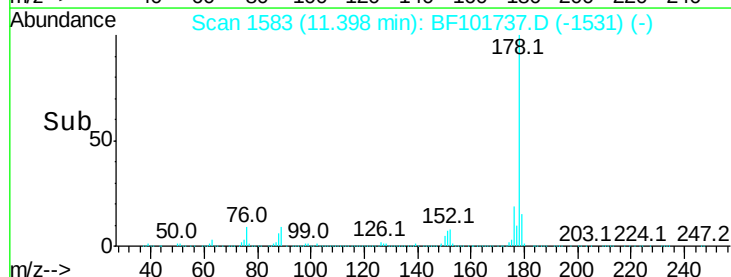
179 15.5 12.6 19.0

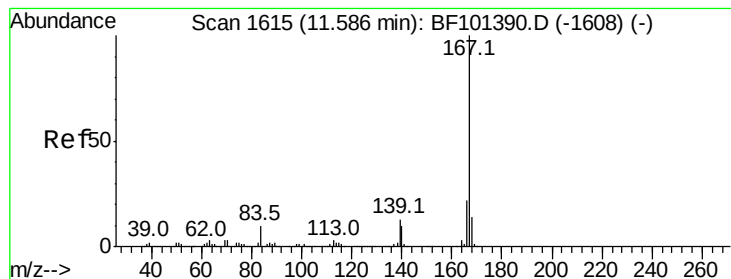


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 25.379 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

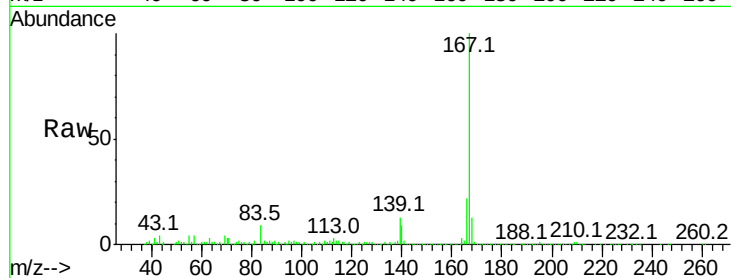
Tot Ion:167 Resp: 414586

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

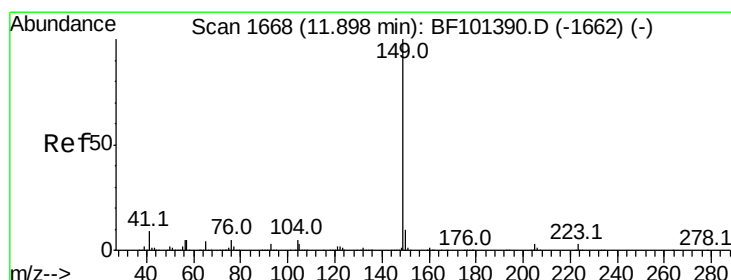
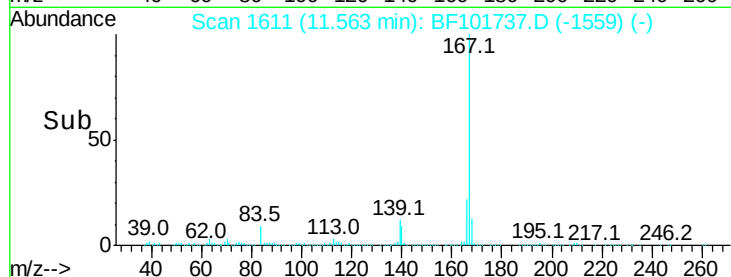
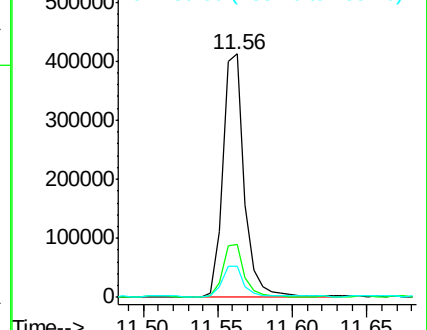
139 12.7 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 29.790 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

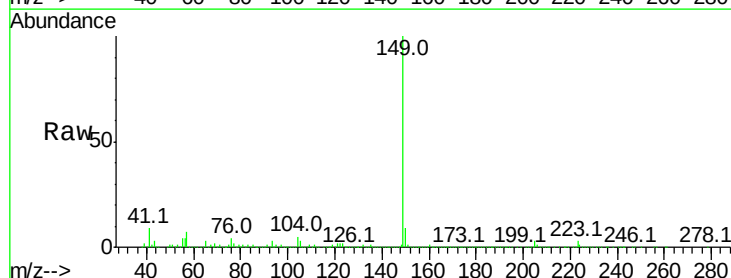
Tgt Ion:149 Resp: 590663

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

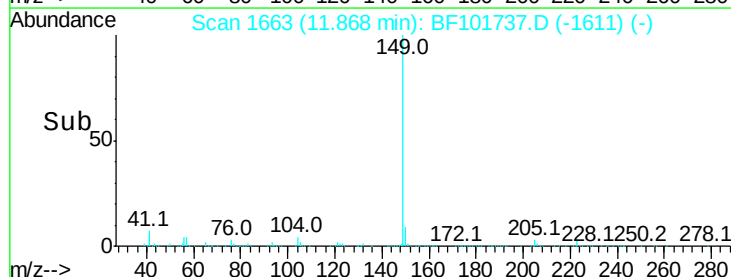
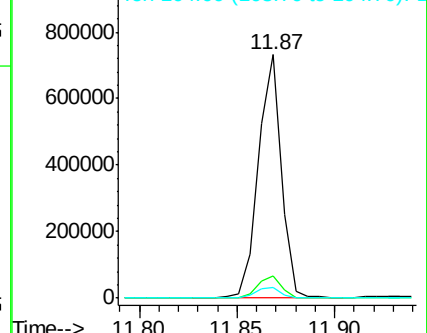
104 4.6 3.8 5.8

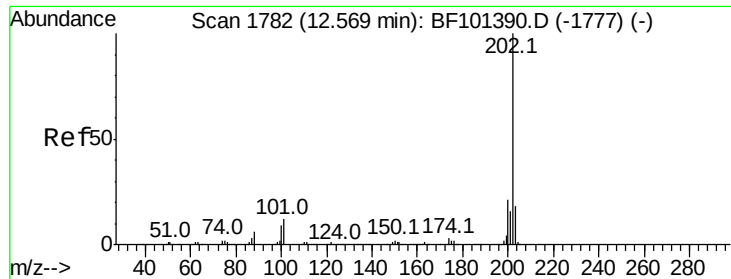


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

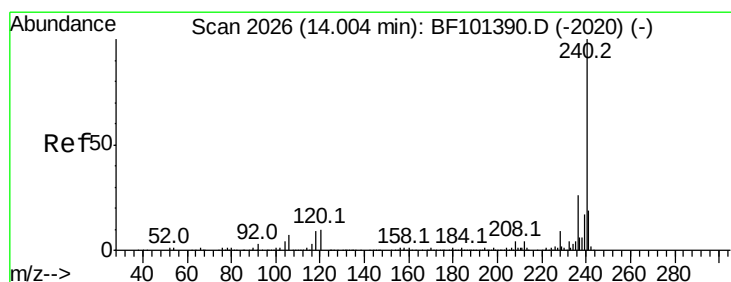
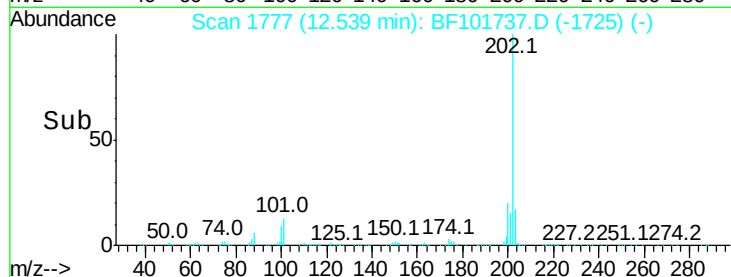
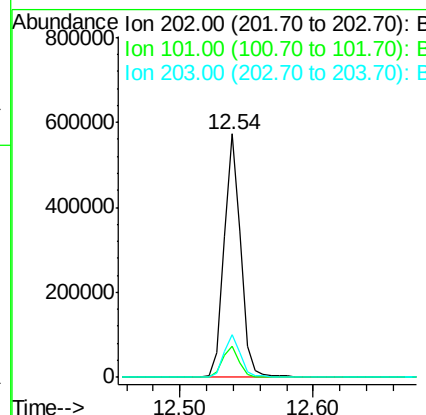
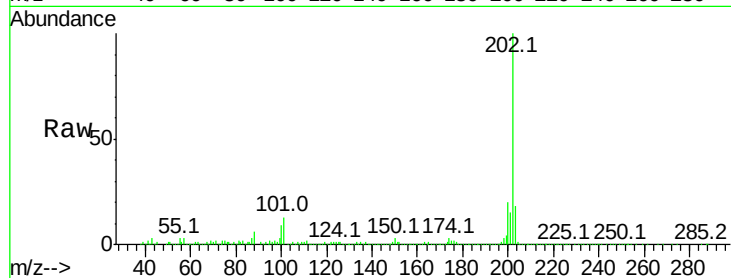




#74
Fluoranthene
Concen: 27.874 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

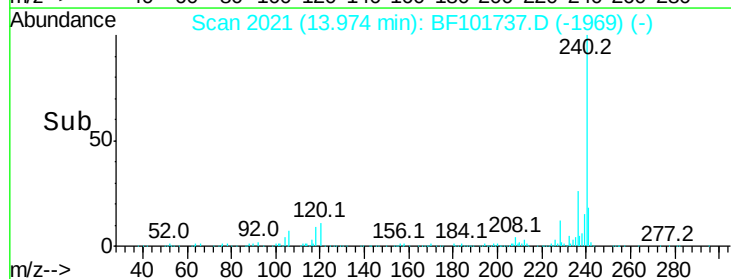
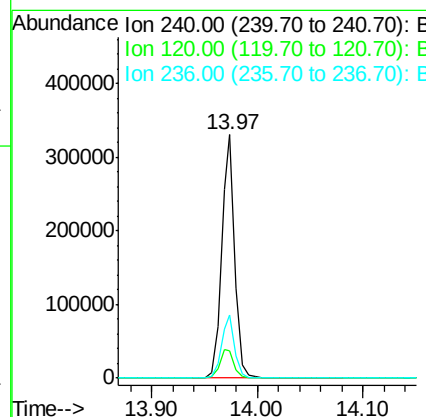
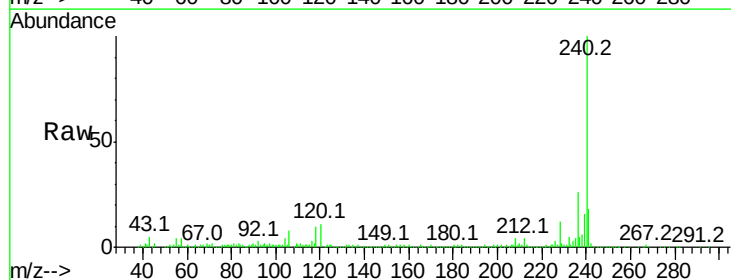
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

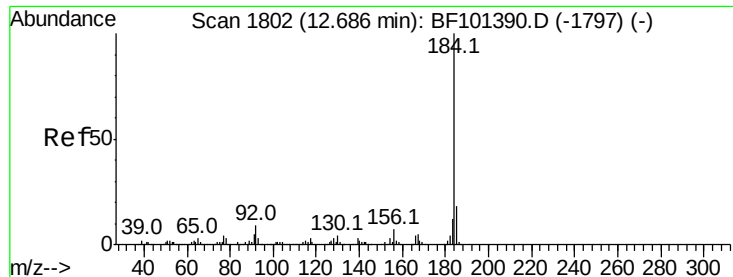
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.7	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	26.0	20.7	31.1





#76

Benzidine

Concen: 13.413 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

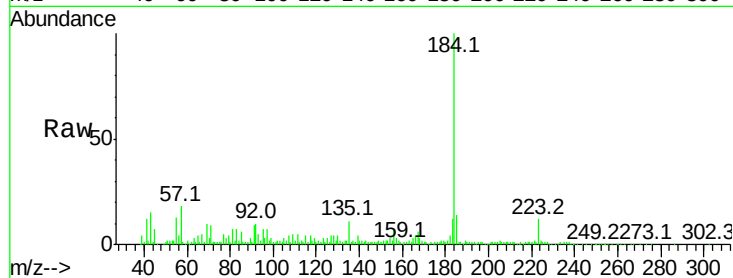
Tot Ion:184 Resp: 163976

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

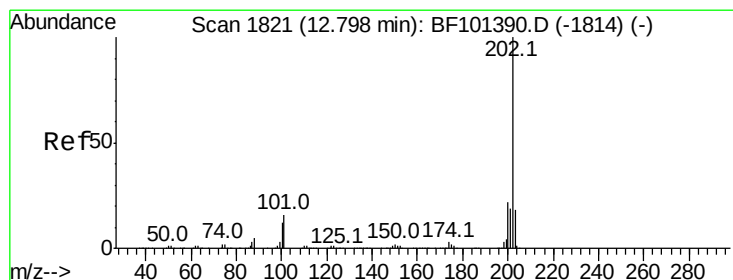
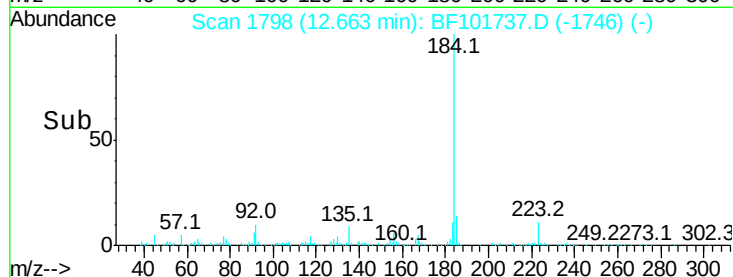
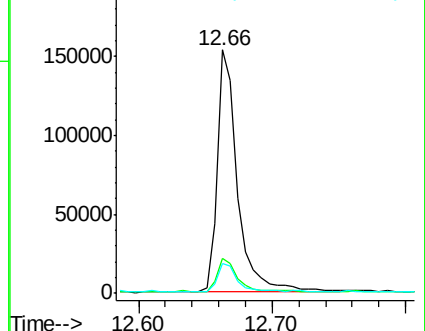
183 12.2 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 22.729 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

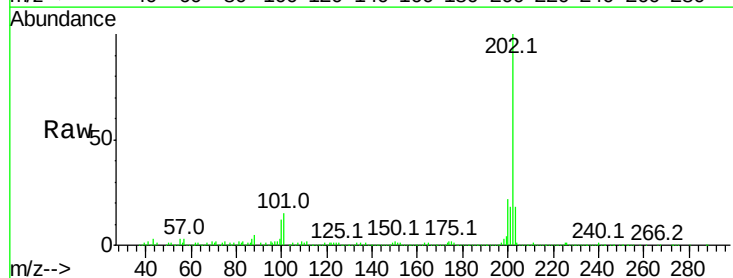
Tgt Ion:202 Resp: 493758

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

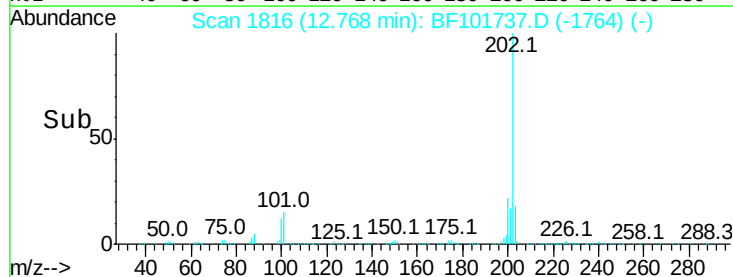
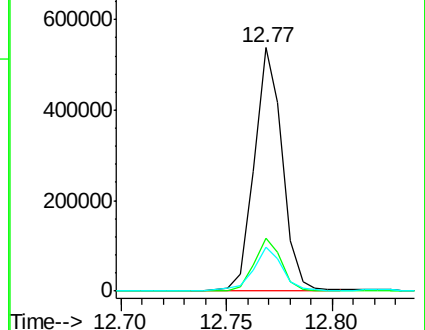
203 18.0 14.3 21.5

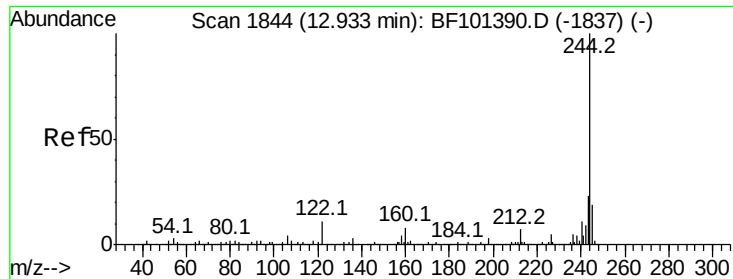


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 56.381 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

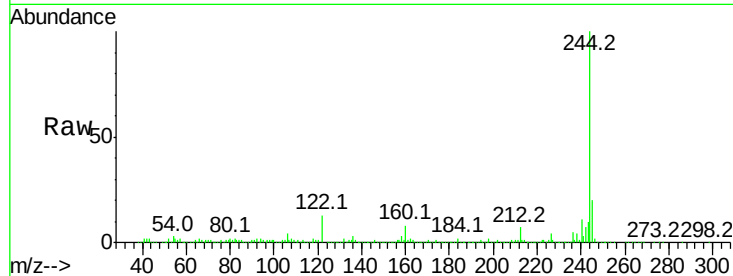
Tot Ion:244 Resp: 676962

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

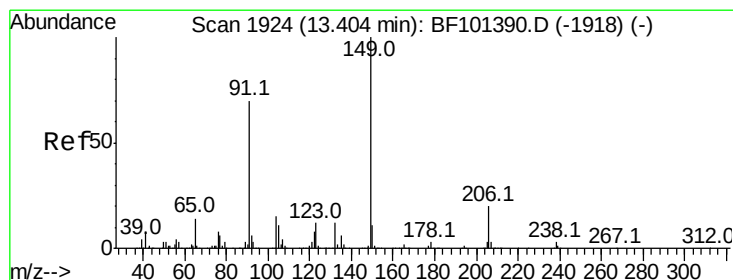
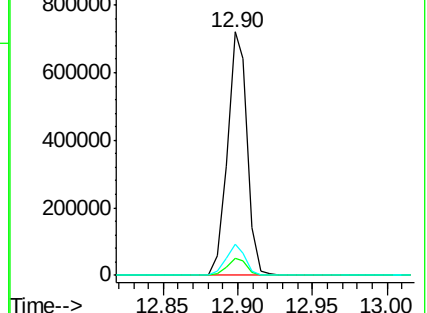
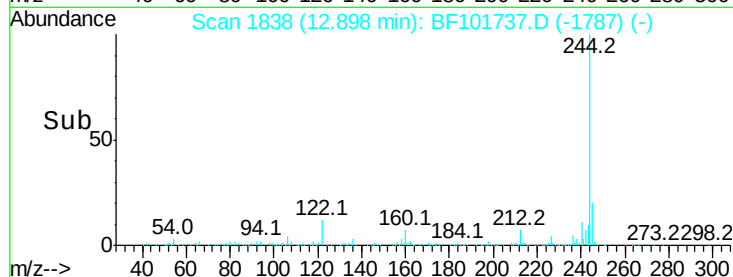
122 12.6 11.0 16.4



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: 23.850 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

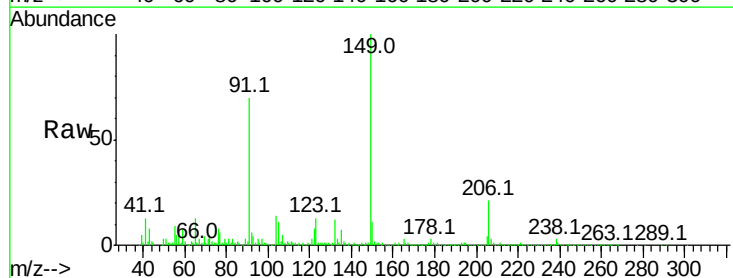
Tgt Ion:149 Resp: 234432

Ion Ratio Lower Upper

149 100

91 69.6 56.8 85.2

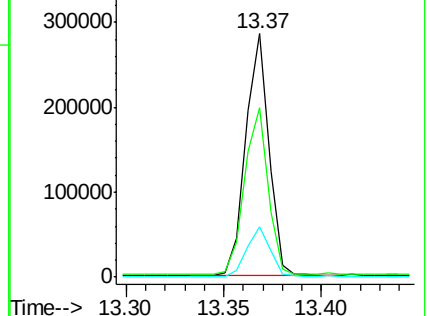
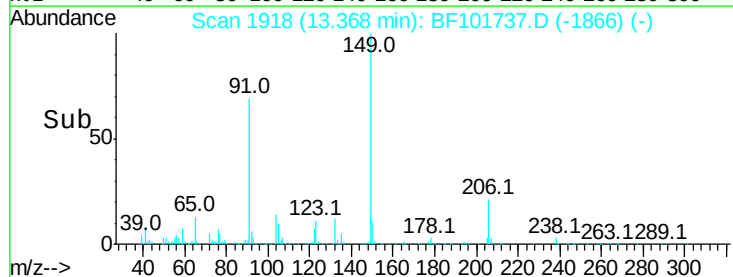
206 20.5 14.1 21.1

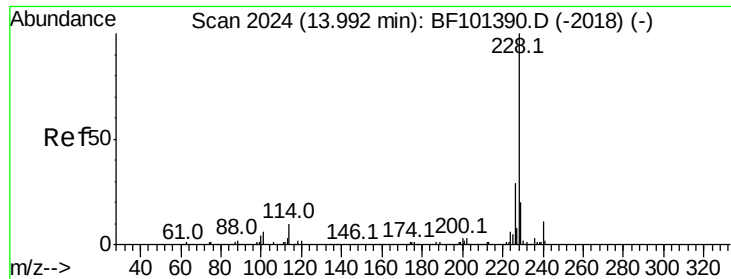


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 19.196 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

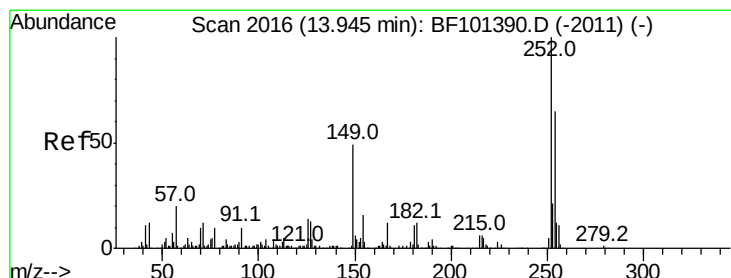
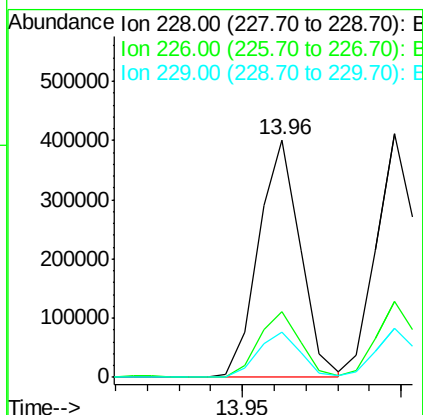
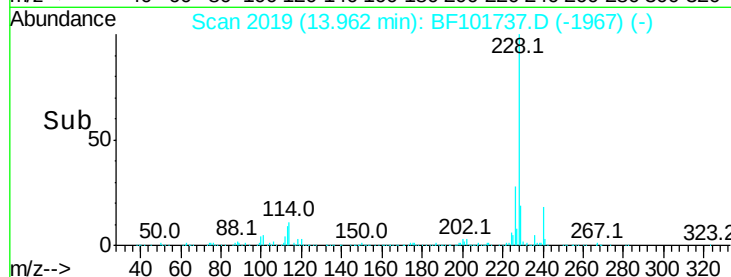
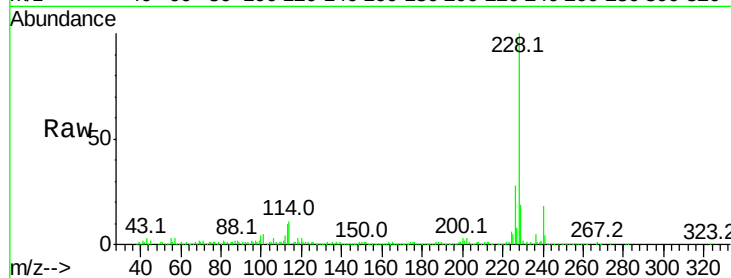
BNA_F

ClientSampleId :

HALSTED-WWMSD

Tot Ion:228 Resp: 366899

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.3	15.8	23.6



#81

3,3'-Dichlorobenzidine

Concen: 20.050 ng

RT: 13.92 min Scan# 2011

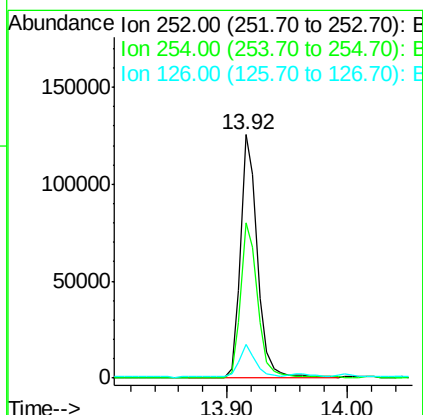
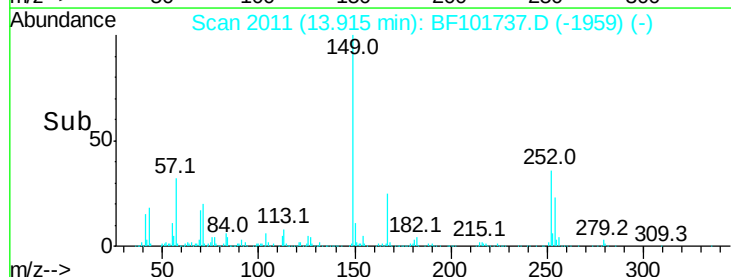
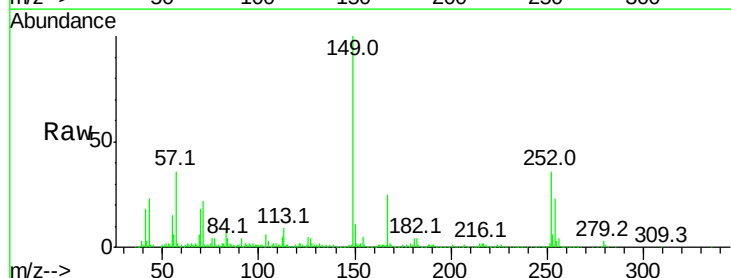
Delta R.T. 0.01 min

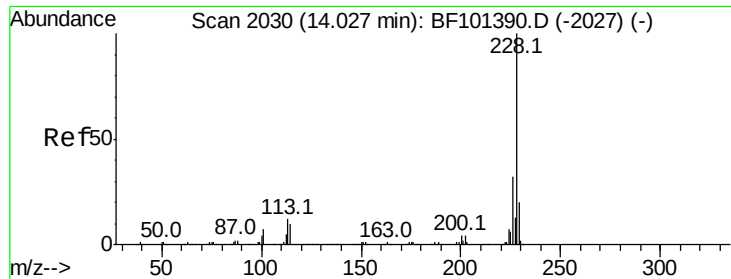
Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion:252 Resp: 124956

Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	13.8	11.3	16.9





#82

Chrysene

Concen: 20.069 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

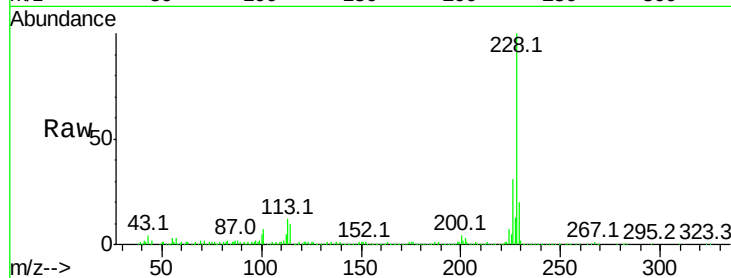
Tot Ion:228 Resp: 362177

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

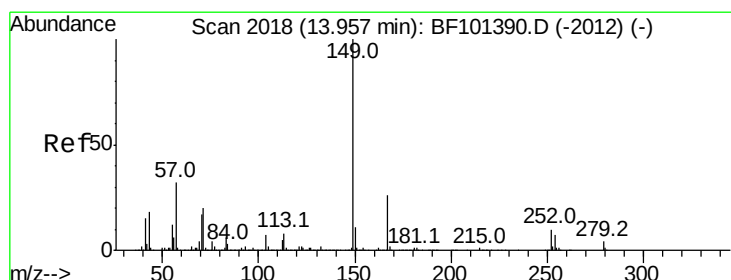
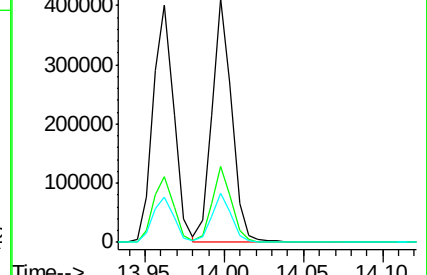
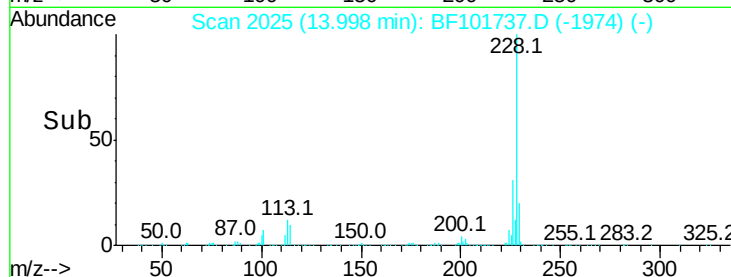
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 28.231 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

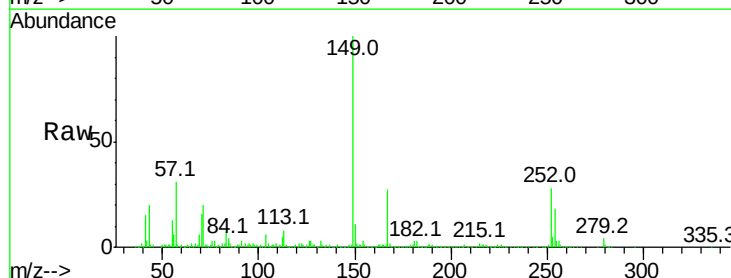
Tgt Ion:149 Resp: 351480

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

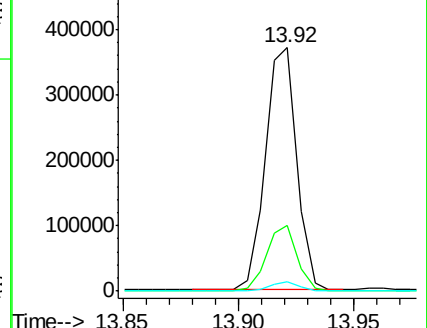
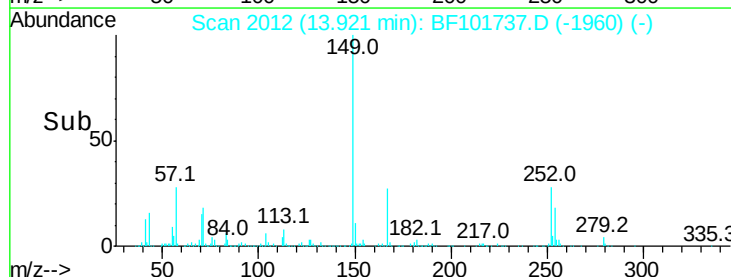
279 3.9 3.0 4.4

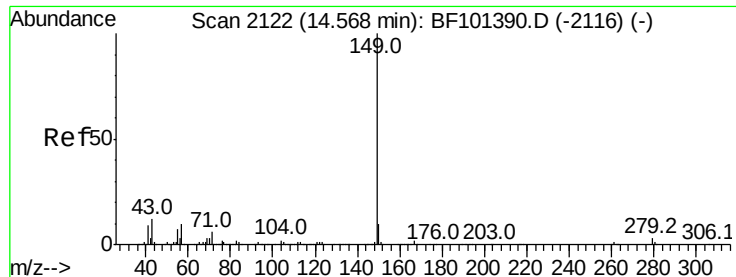


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 27.324 ng

RT: 14.53 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

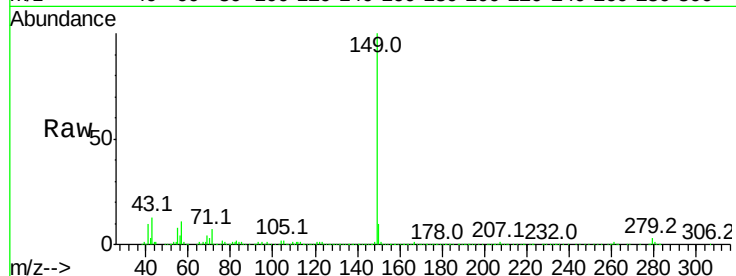
Tot Ion:149 Resp: 606708

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

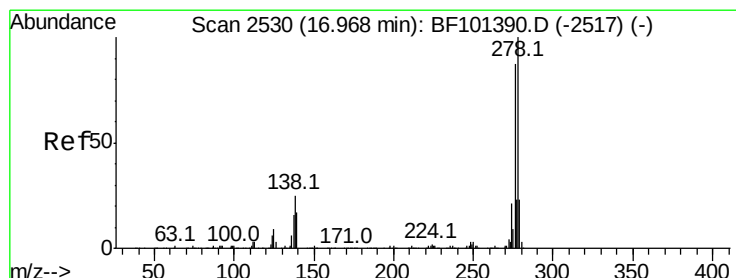
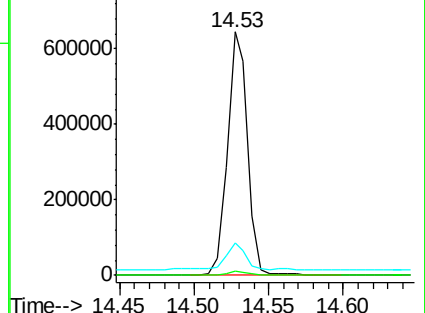
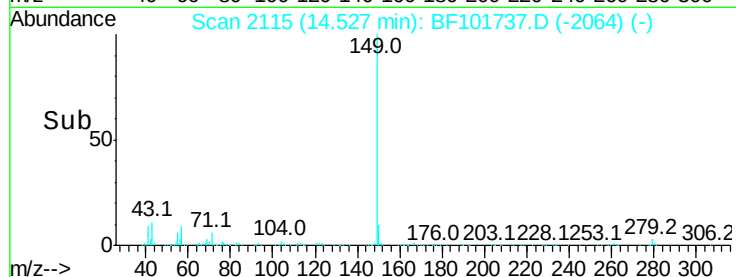
43 10.0 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.823 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.02 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

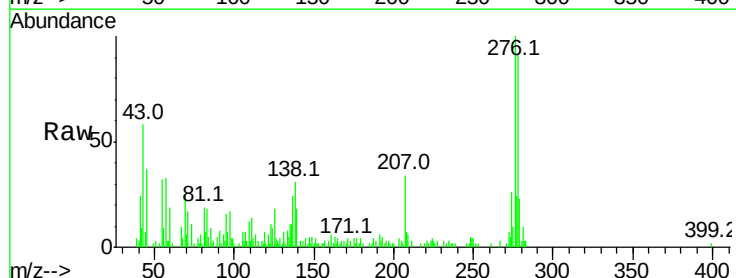
Tgt Ion:276 Resp: 45362

Ion Ratio Lower Upper

276 100

138 30.2 25.0 37.6

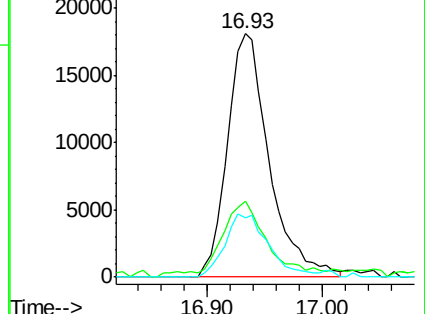
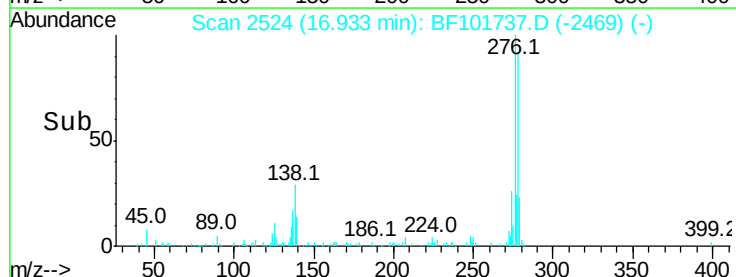
277 26.9 20.1 30.1

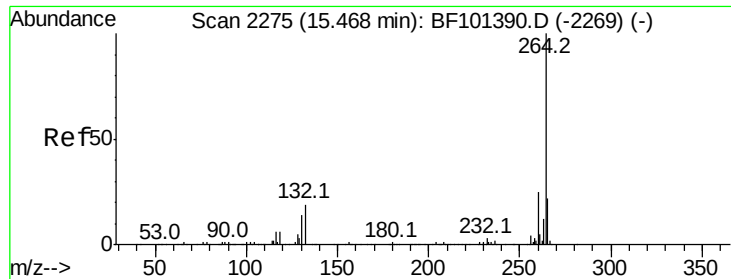


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

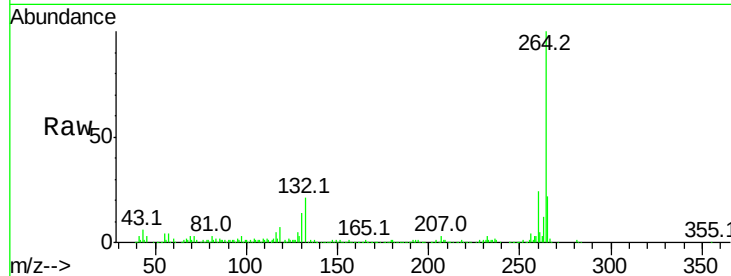




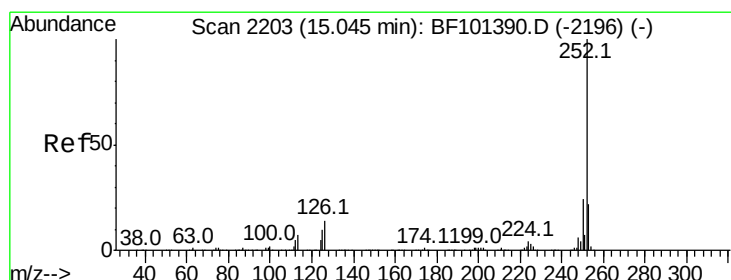
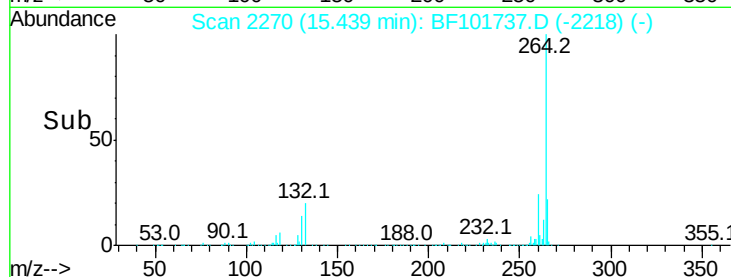
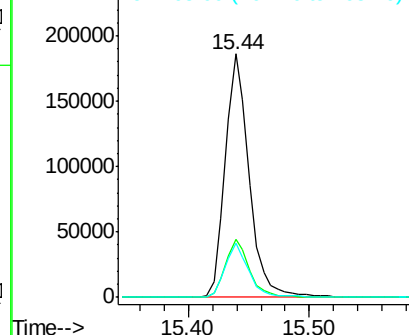
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tot Ion:264 Resp: 253814
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.3 17.5 26.3

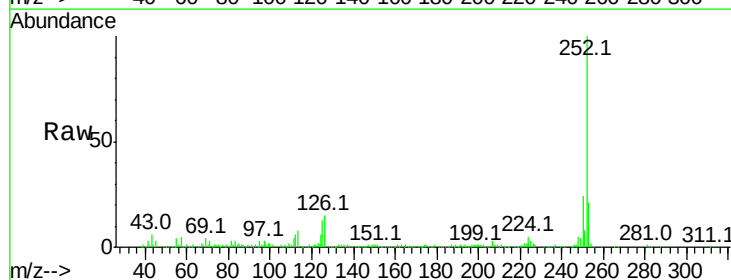


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

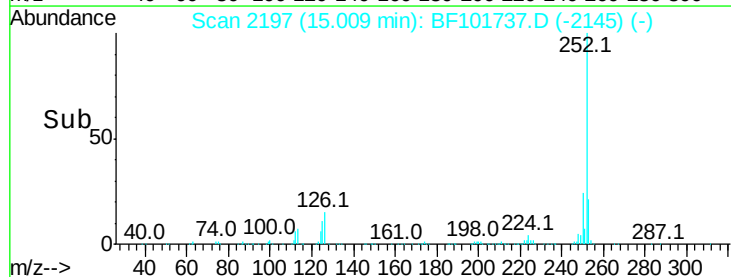
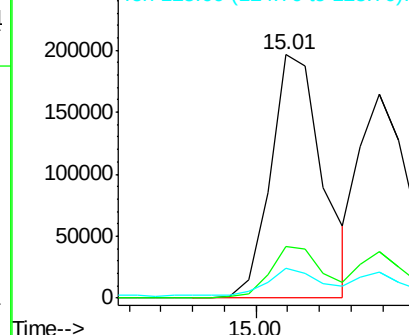


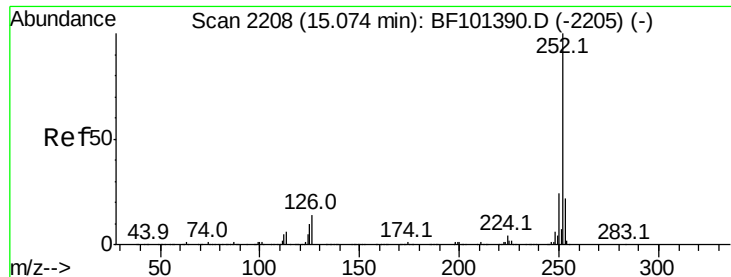
#87
Benzo(b)fluoranthene
Concen: 14.427 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion:252 Resp: 223189
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.6
125 12.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

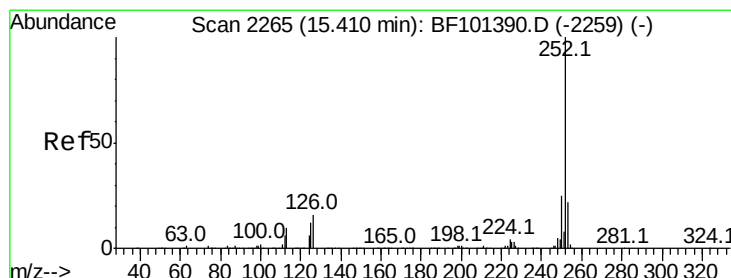
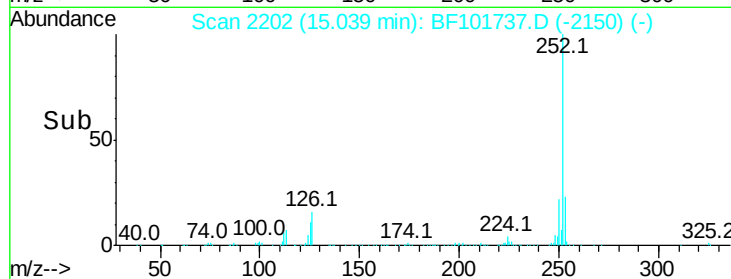
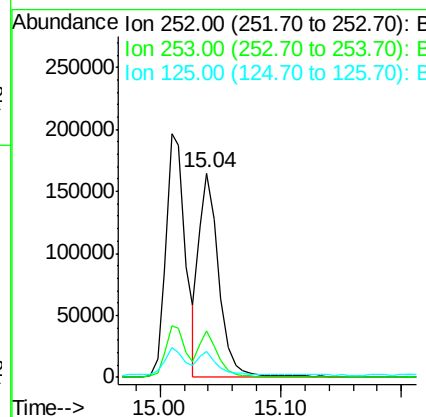
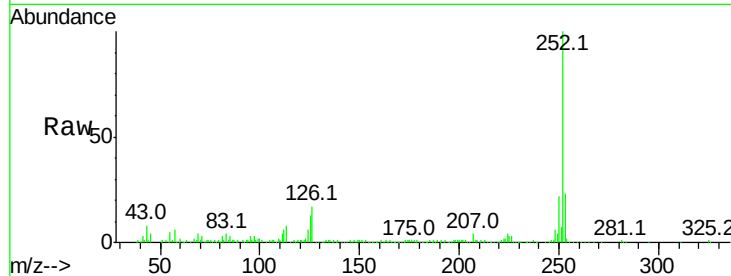




#88
Benzo(k)fluoranthene
Concen: 12.398 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

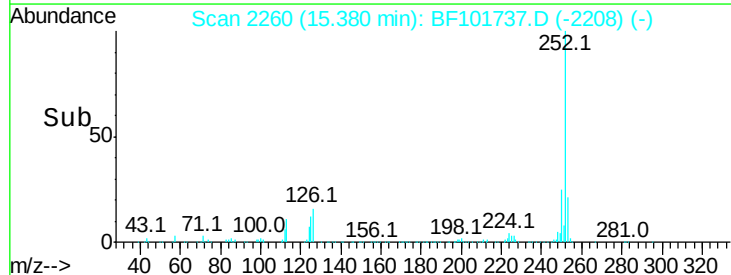
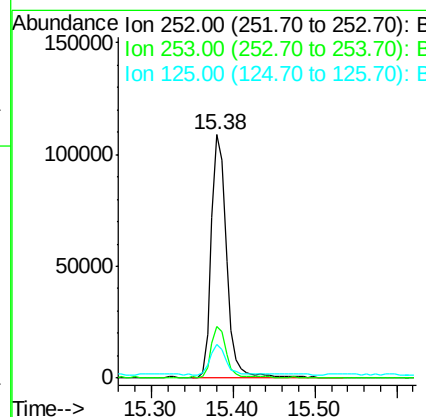
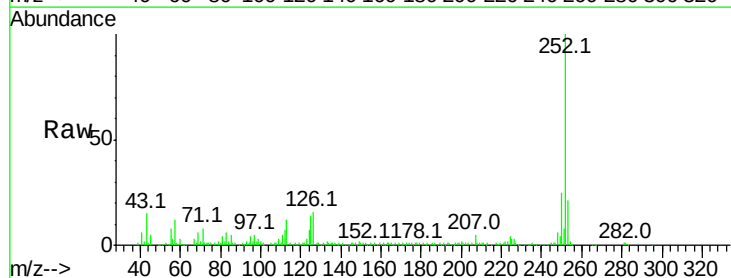
Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

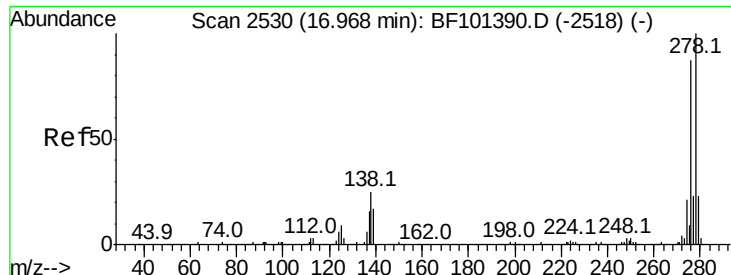
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.9	10.2	15.2



#89
Benzo(a)pyrene
Concen: 10.019 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	13.7	9.8	14.6



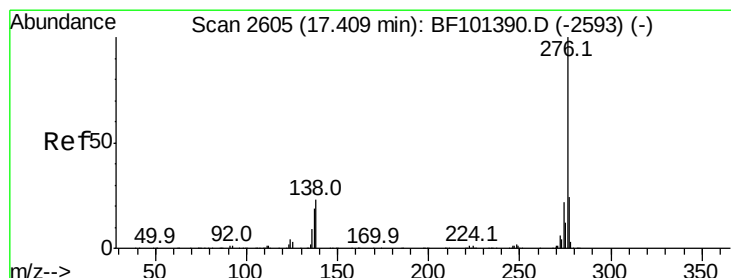
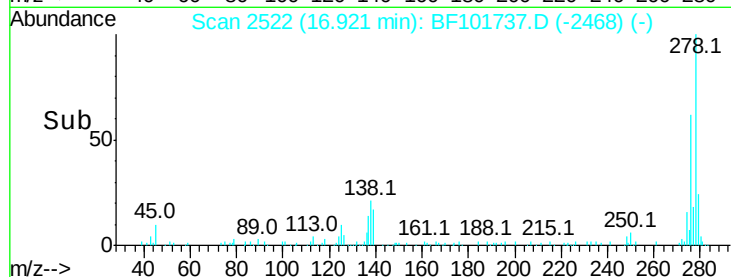
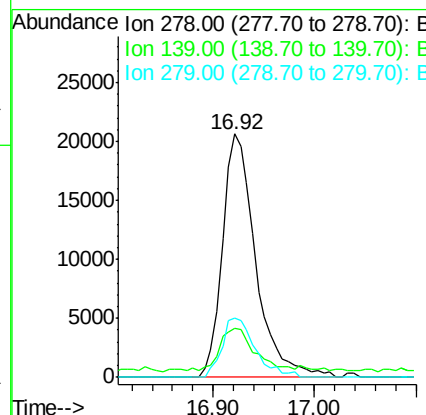
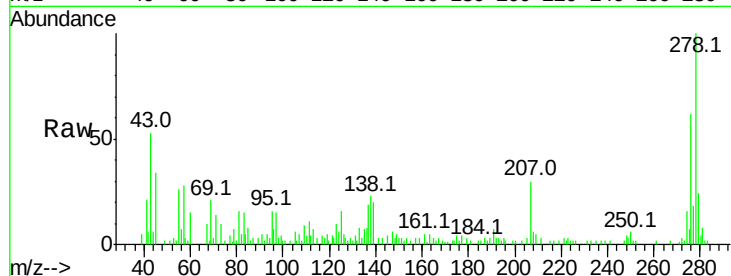


#90
Dibenzo(a,h)anthracene
Concen: 3.816 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.02 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tot Ion:278 Resp: 46732

Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.9	23.9
279	24.3	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 2.686 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.05 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion:276 Resp: 32566

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	23.1	21.8	32.8

