

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118957.D
 Acq On : 20 Feb 2020 13:08
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 15:28:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 15:19:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	182807	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	687072	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	376249	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	685011	20.00	ng	0.00
76) Chrysene-d12	13.90	240	543127	20.00	ng	0.00
87) Perylene-d12	15.33	264	549360	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	260846	27.18	ng	0.00
7) Phenol-d6	6.39	99	325053	26.79	ng	-0.01
23) Nitrobenzene-d5	7.32	82	291382	23.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	107812	23.13	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	635819	27.30	ng	0.00
79) Terphenyl-d14	12.85	244	764848	27.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	53463	12.429	ng	98
3) Pyridine	3.21	79	144229	12.143	ng	98
4) n-Nitrosodimethylamine	3.12	42	40855	11.170	ng	# 99
6) Aniline	6.42	93	195185	12.300	ng	99
8) 2-Chlorophenol	6.55	128	139263	12.005	ng	97
9) Benzaldehyde	6.31	77	107736	14.868	ng	98
10) Phenol	6.40	94	174221	12.559	ng	80
11) bis(2-Chloroethyl)ether	6.49	93	127849	11.736	ng	96
12) 1,3-Dichlorobenzene	6.70	146	169673	12.193	ng	99
13) 1,4-Dichlorobenzene	6.77	146	167860	12.032	ng	98
14) 1,2-Dichlorobenzene	6.93	146	159802	12.472	ng	98
15) Benzyl Alcohol	6.90	79	112802	11.919	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	109189	11.116	ng	99
17) 2-Methylphenol	7.02	107	110624	11.642	ng	99
18) Hexachloroethane	7.27	117	58408	11.653	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	92204	11.910	ng	97
20) 3+4-Methylphenols	7.17	107	145751	13.143	ng	92
22) Acetophenone	7.17	105	184553	12.342	ng	# 95
24) Nitrobenzene	7.33	77	142601	11.400	ng	96
25) Isophorone	7.57	82	243069	10.989	ng	98
26) 2-Nitrophenol	7.66	139	70764	10.593	ng	96
27) 2,4-Dimethylphenol	7.70	122	100261	11.214	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	165678	11.450	ng	98
29) 2,4-Dichlorophenol	7.90	162	118818	11.144	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	146931	11.746	ng	99
31) Naphthalene	8.06	128	417080	11.979	ng	99
32) Benzoic acid	7.80	122	39799	6.162	ng	88
33) 4-Chloroaniline	8.11	127	172726	11.587	ng	99
34) Hexachlorobutadiene	8.19	225	90786	11.731	ng	97
35) Caprolactam	8.45	113	33363	10.342	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	119944	11.257	ng	98
37) 2-Methylnaphthalene	8.75	142	280179	12.063	ng	99
38) 1-Methylnaphthalene	8.85	142	263178	12.083	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	148097	12.269	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118957.D
 Acq On : 20 Feb 2020 13:08
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 20 15:28:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 15:19:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	18481	5.103	nq	93
43) 2,4,6-Trichlorophenol	9.03	196	85666	10.754	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	90170	10.918	nq	97
46) 1,1'-Biphenyl	9.22	154	363041	12.551	nq	98
47) 2-Chloronaphthalene	9.24	162	287807	11.989	nq	97
48) 2-Nitroaniline	9.33	65	71991	10.718	nq	97
49) Acenaphthylene	9.65	152	416962	12.165	nq	99
50) Dimethylphthalate	9.51	163	322861	11.366	nq	99
51) 2,6-Dinitrotoluene	9.57	165	69488	10.952	nq	91
52) Acenaphthene	9.82	154	251376	12.048	nq	100
53) 3-Nitroaniline	9.74	138	75759	10.849	nq	96
54) 2,4-Dinitrophenol	9.86	184	16418	5.818	nq	93
55) Dibenzofuran	10.00	168	384525	12.346	nq	95
56) 4-Nitrophenol	9.92	139	38841	9.030	nq	99
57) 2,4-Dinitrotoluene	9.98	165	91644	11.166	nq	93
58) Fluorene	10.34	166	304694	12.623	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	78541	11.065	nq	96
60) Diethylphthalate	10.21	149	307709	11.491	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	158712	12.357	nq	98
62) 4-Nitroaniline	10.35	138	77193	10.738	nq	94
63) Azobenzene	10.49	77	270226	11.474	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	36080	8.546	nq	97
66) n-Nitrosodiphenylamine	10.45	169	263616	12.152	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	101943	11.592	nq	99
68) Hexachlorobenzene	10.89	284	118139	11.734	nq	# 90
69) Atrazine	10.97	200	88097	12.133	nq	98
70) Pentachlorophenol	11.09	266	34776	8.068	nq	99
71) Phenanthrene	11.30	178	448708	12.474	nq	99
72) Anthracene	11.35	178	452846	12.583	nq	98
73) Carbazole	11.50	167	394130	12.218	nq	97
74) Di-n-butylphthalate	11.83	149	468462	11.446	nq	100
75) Fluoranthene	12.48	202	474738	11.848	nq	99
77) Benzidine	12.60	184	249772	14.364	nq	98
78) Pyrene	12.71	202	489913	12.499	nq	98
80) Butylbenzylphthalate	13.33	149	181381	10.560	nq	94
81) Benzo(a)anthracene	13.90	228	430864	12.946	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	156858	12.112	nq	100
83) Chrysene	13.93	228	421956	12.646	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	250898	11.528	nq	100
85) Di-n-octyl phthalate	14.50	149	385916	10.998	nq	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	362770	11.047	nq	99
88) Benzo(b)fluoranthene	14.92	252	391507	10.572	nq	99
89) Benzo(k)fluoranthene	14.95	252	409295	12.437	nq	98
90) Benzo(a)pyrene	15.27	252	353258	11.072	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	301114	10.413	nq	97
92) Benzo(g,h,i)perylene	17.14	276	282380	9.897	nq	98

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

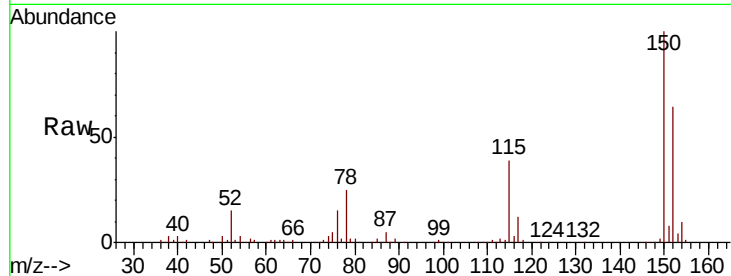


#1

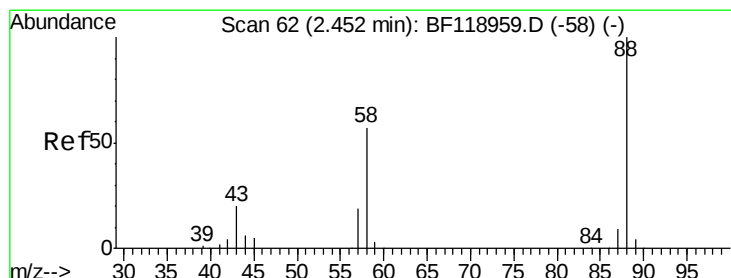
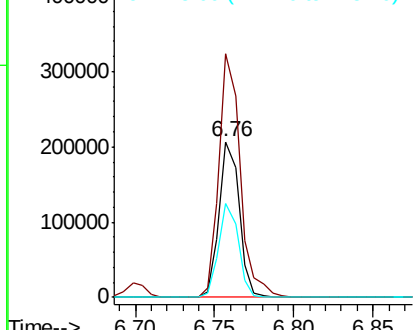
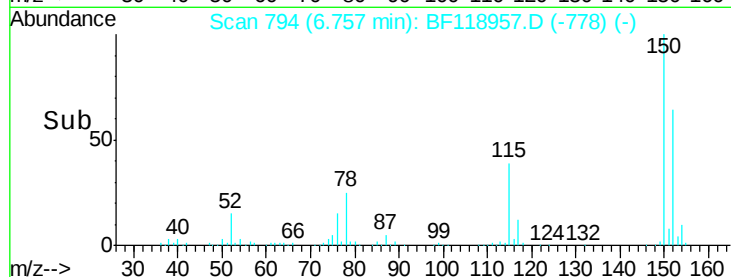
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 182807
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 60.7 44.6 67.0



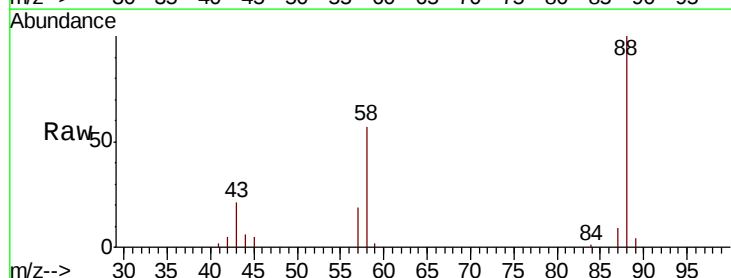
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



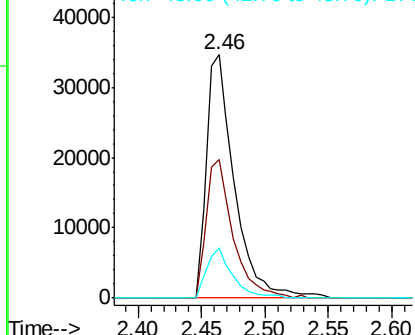
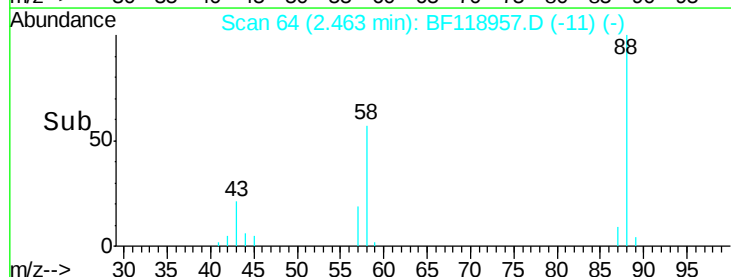
#2

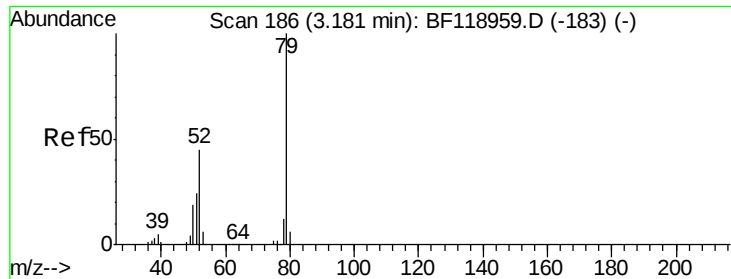
1,4-Dioxane
Concen: 12.429 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion: 88 Resp: 53463
Ion Ratio Lower Upper
88 100
58 54.7 44.6 66.8
43 19.0 16.0 24.0



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: 12.143 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.03 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

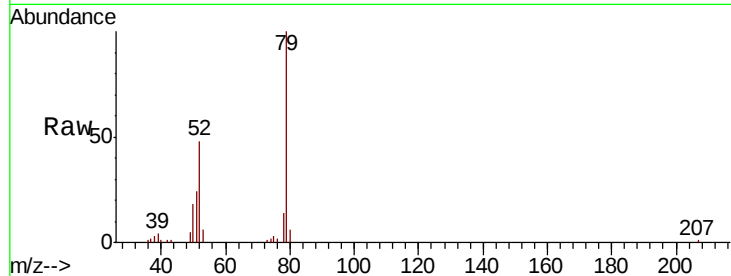
Tot Ion: 79 Resp: 144229

Ion Ratio Lower Upper

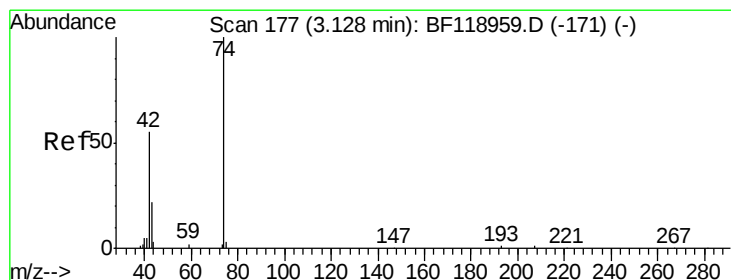
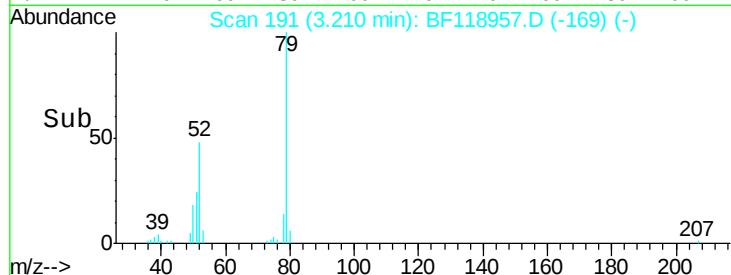
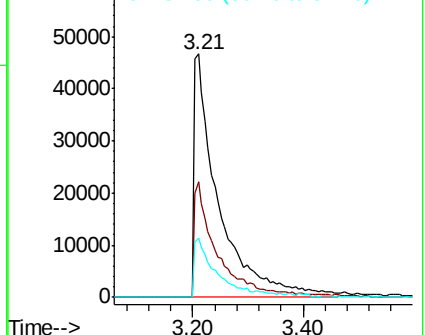
79 100

52 47.6 36.3 54.5

51 24.2 19.5 29.3



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: 11.170 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

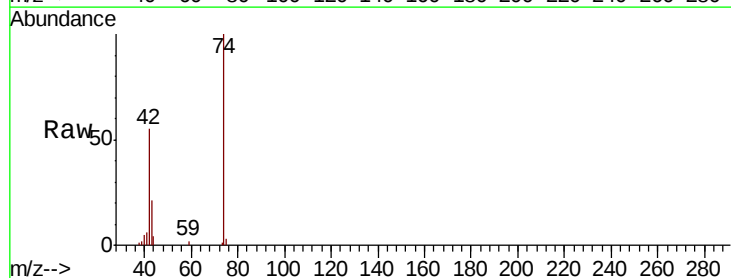
Tgt Ion: 42 Resp: 40855

Ion Ratio Lower Upper

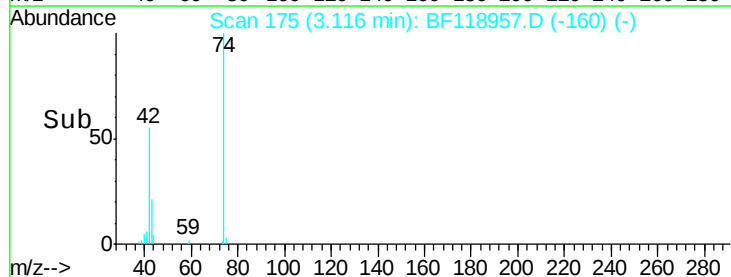
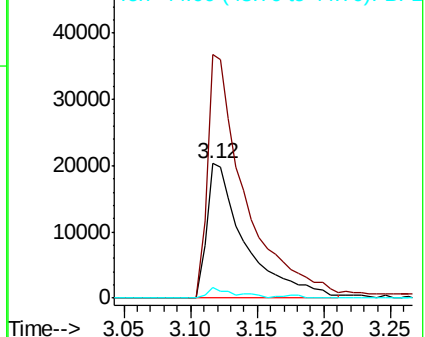
42 100

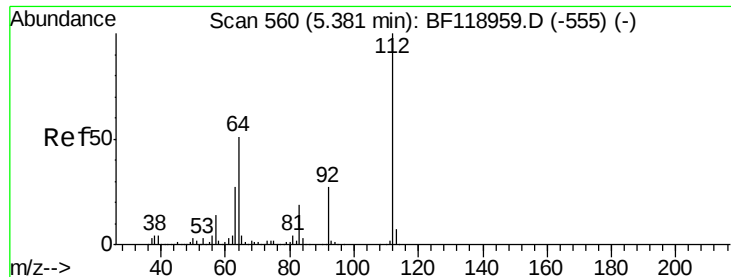
74 181.1 144.4 216.6

44 7.6 4.5 6.7#



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: 27.175 ng

RT: 5.38 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

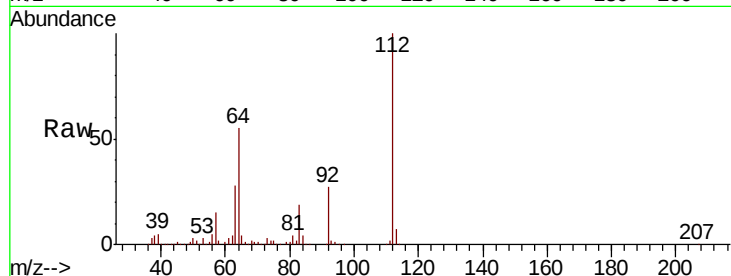
Tot Ion:112 Resp: 260846

Ion Ratio Lower Upper

112 100

64 54.5 40.4 60.6

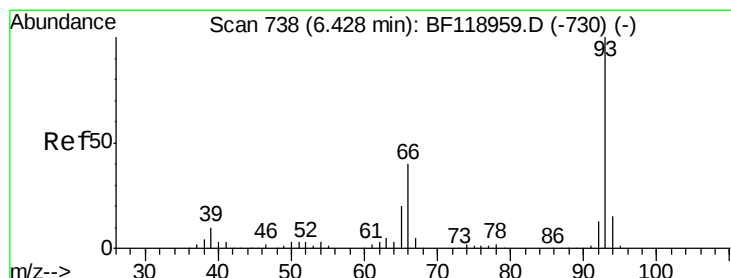
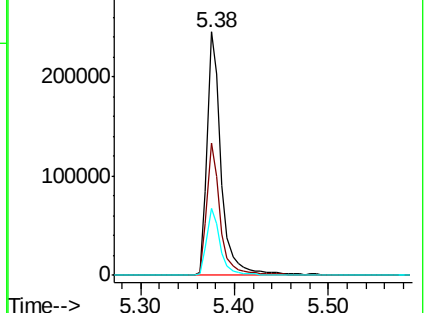
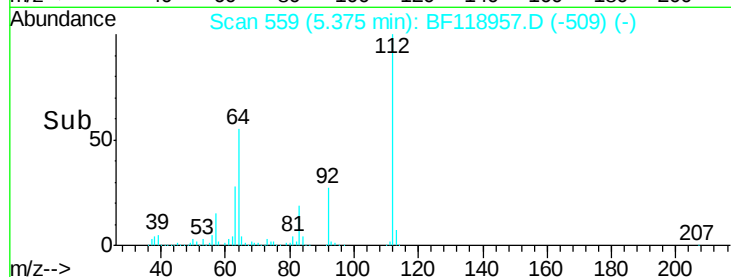
63 27.6 21.3 31.9



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.300 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

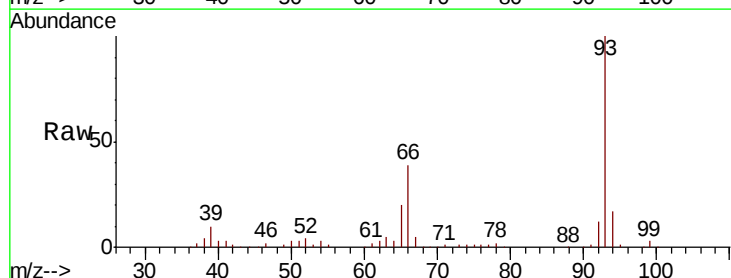
Tgt Ion: 93 Resp: 195185

Ion Ratio Lower Upper

93 100

66 39.5 32.2 48.2

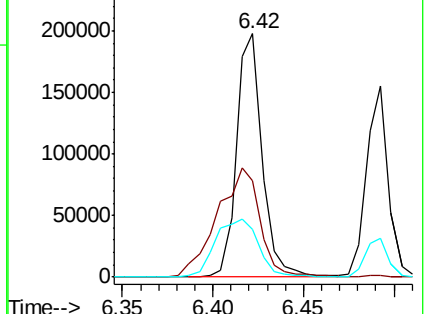
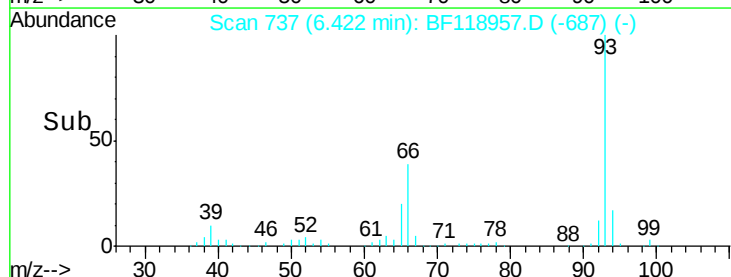
65 19.8 16.1 24.1



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: 26.788 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

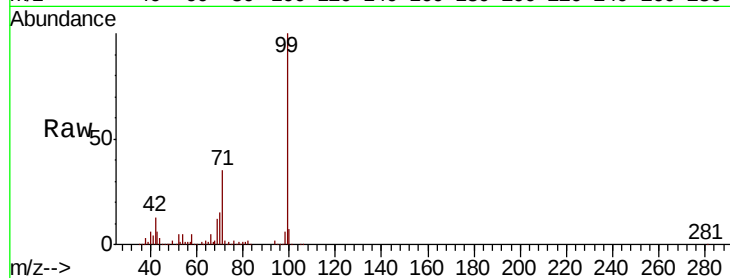
Tot Ion: 99 Resp: 325053

Ion Ratio Lower Upper

99 100

42 13.0 11.4 17.0

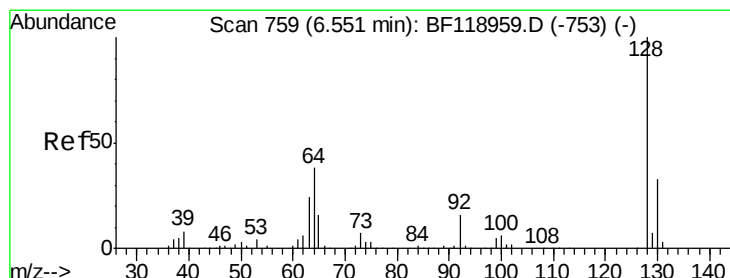
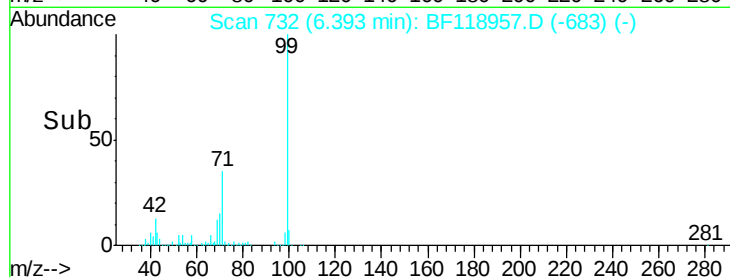
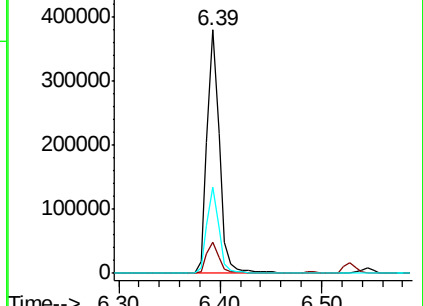
71 35.3 29.8 44.6



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: 12.005 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

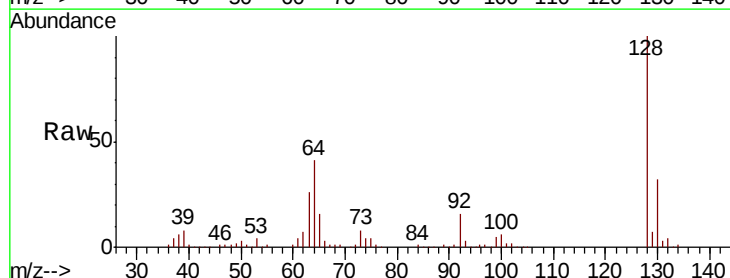
Tgt Ion: 128 Resp: 139263

Ion Ratio Lower Upper

128 100

130 31.8 12.7 52.7

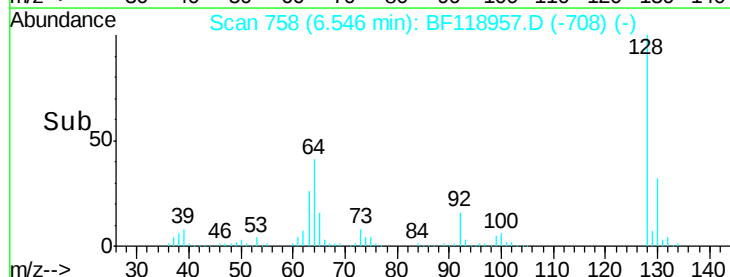
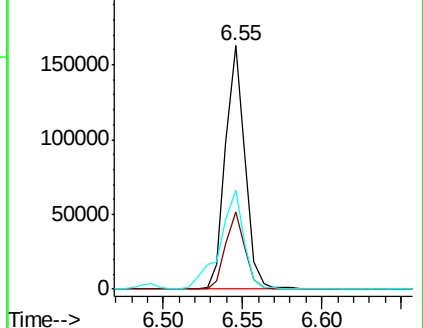
64 40.7 18.7 58.7

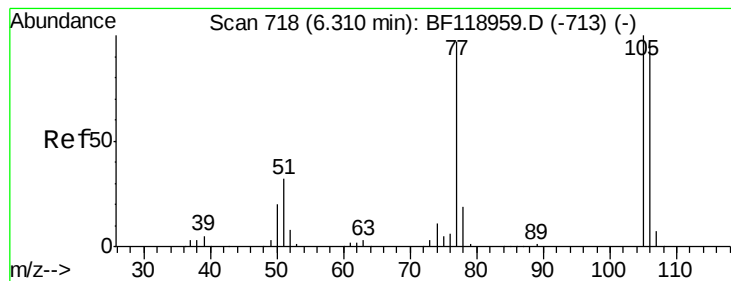


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.868 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampled :

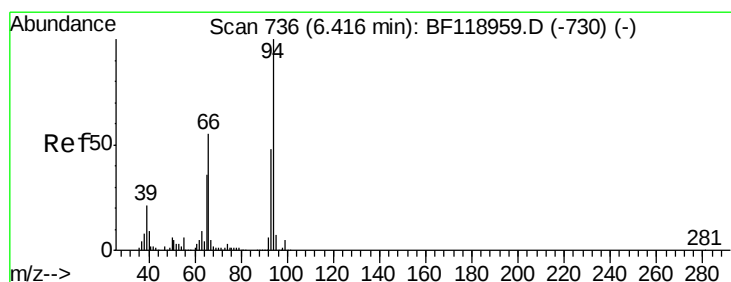
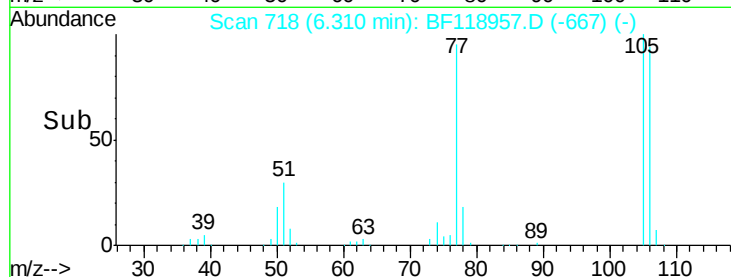
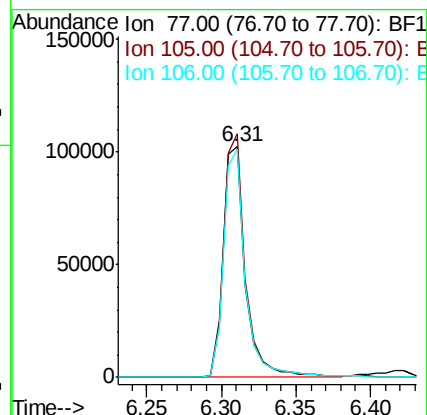
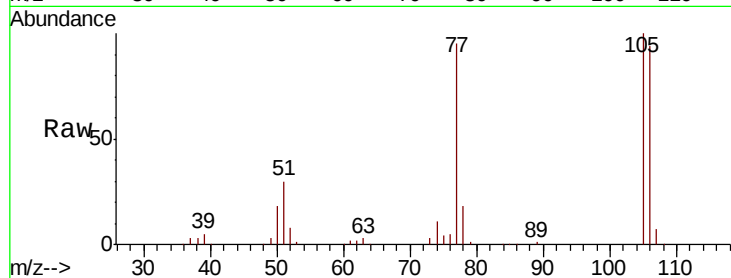
Tot Ion: 77 Resp: 107736

Ion Ratio Lower Upper

77 100

105 105.6 83.0 123.0

106 99.3 78.3 118.3



#10

Phenol

Concen: 12.559 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

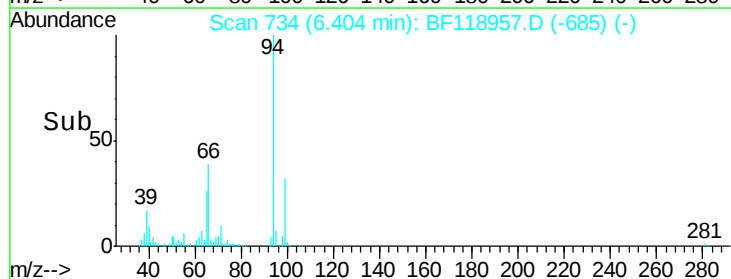
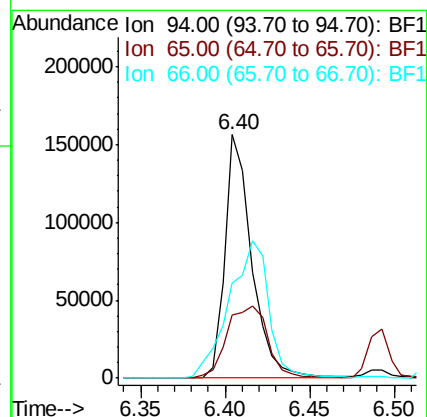
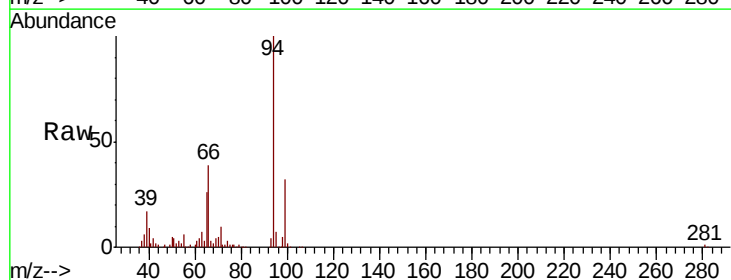
Tgt Ion: 94 Resp: 174221

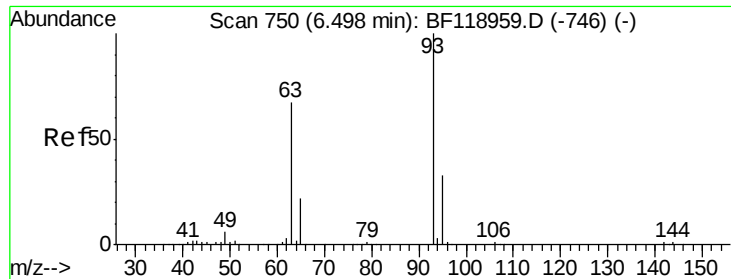
Ion Ratio Lower Upper

94 100

65 25.7 15.5 55.5

66 39.3 35.6 75.6





#11

bis(2-Chloroethyl)ether

Concen: 11.736 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

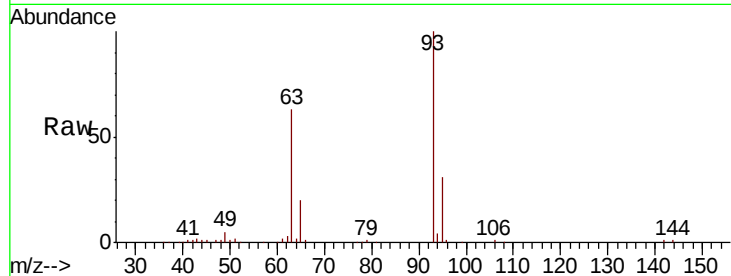
Tot Ion: 93 Resp: 127849

Ion Ratio Lower Upper

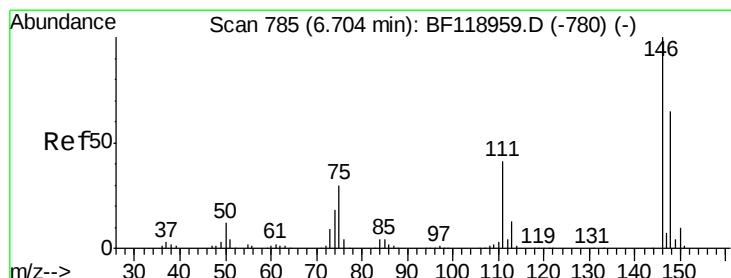
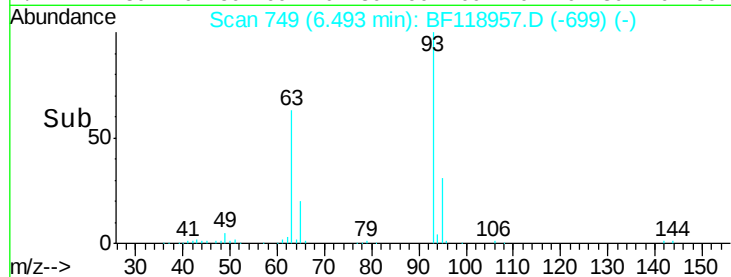
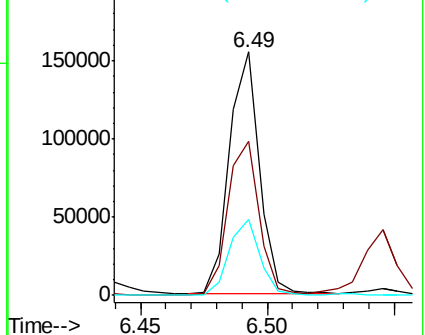
93 100

63 63.0 46.8 86.8

95 31.4 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 12.193 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

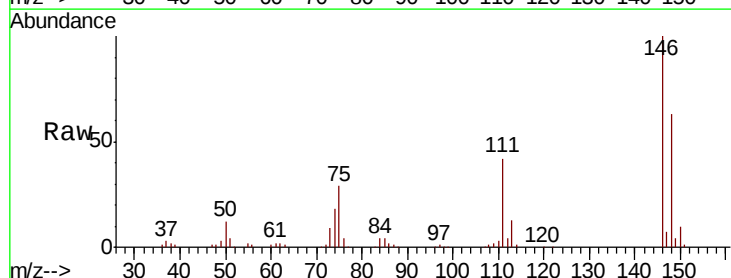
Tgt Ion: 146 Resp: 169673

Ion Ratio Lower Upper

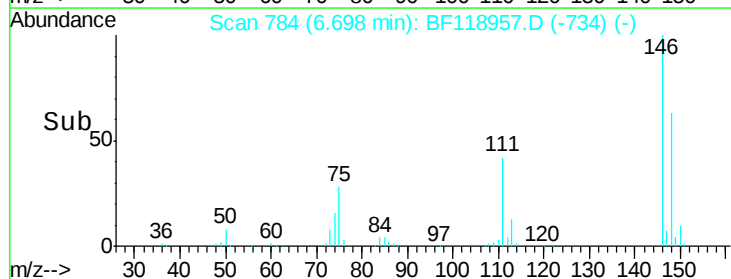
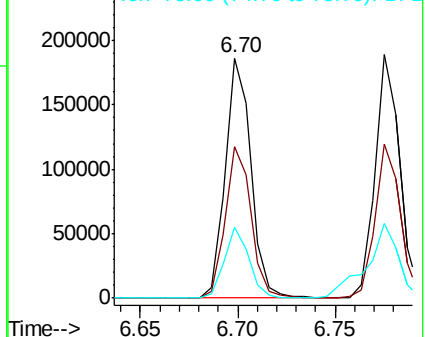
146 100

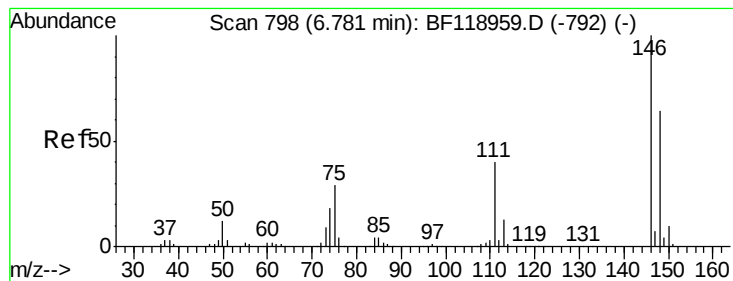
148 63.3 51.7 77.5

75 29.2 23.6 35.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 12.032 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampled :

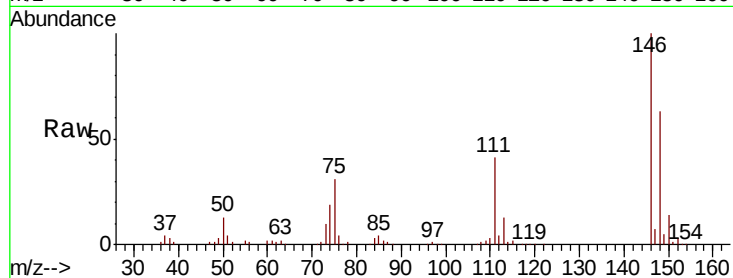
Tot Ion:146 Resp: 167860

Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

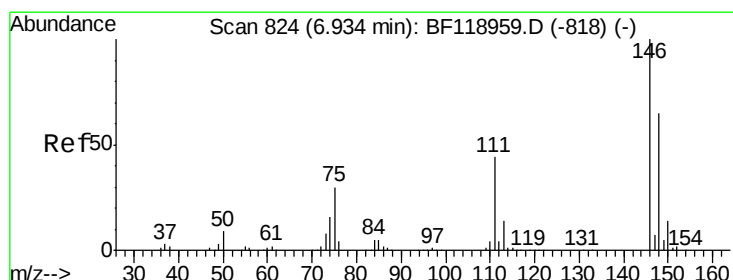
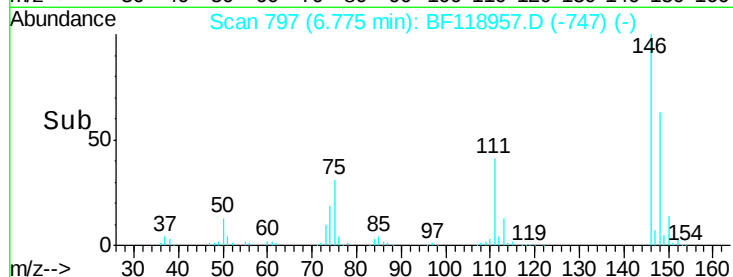
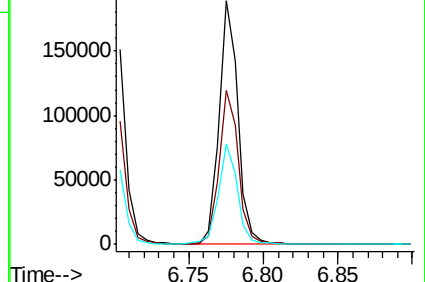
111 40.9 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 12.472 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

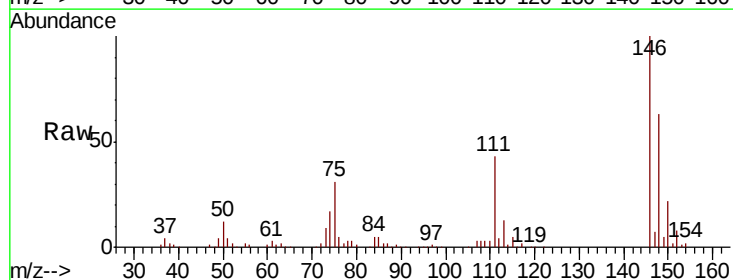
Tgt Ion:146 Resp: 159802

Ion Ratio Lower Upper

146 100

148 63.5 52.1 78.1

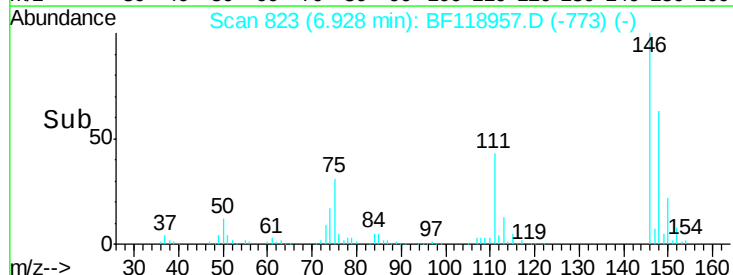
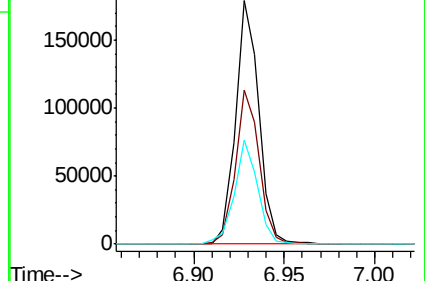
111 42.7 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 11.919 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

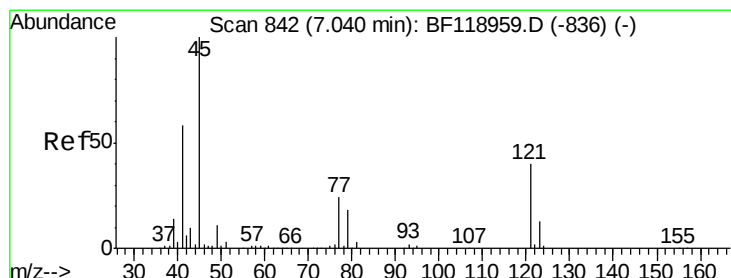
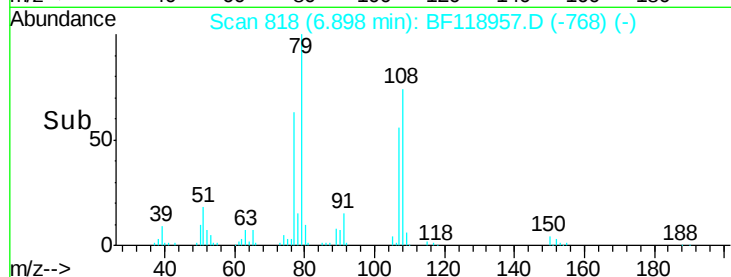
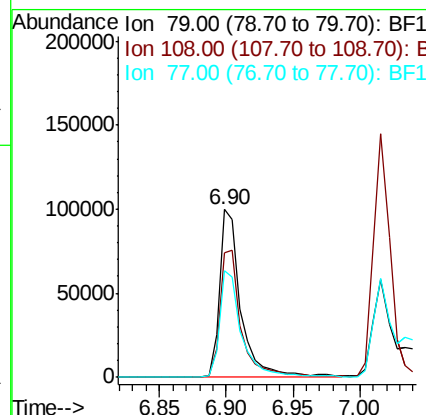
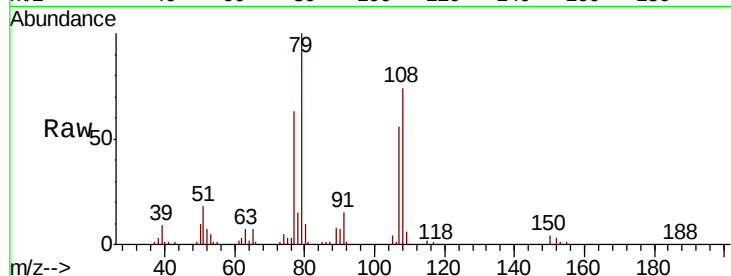
Tot Ion: 79 Resp: 112802

Ion Ratio Lower Upper

79 100

108 74.3 61.1 91.7

77 63.3 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 11.116 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

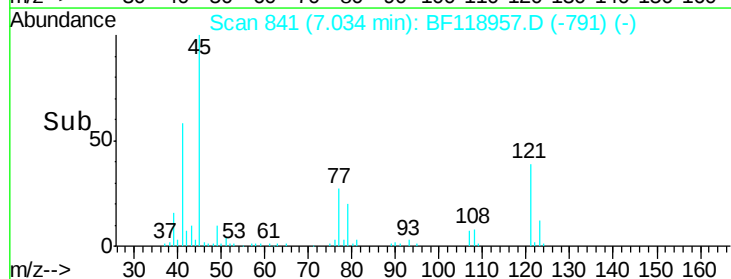
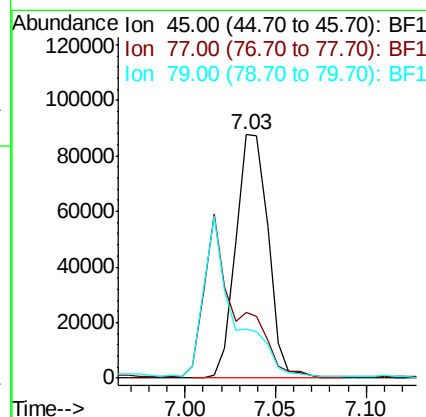
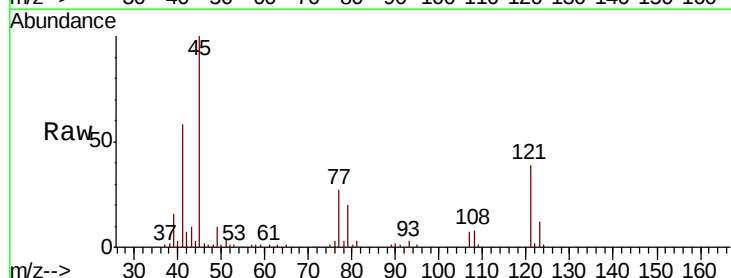
Tgt Ion: 45 Resp: 109189

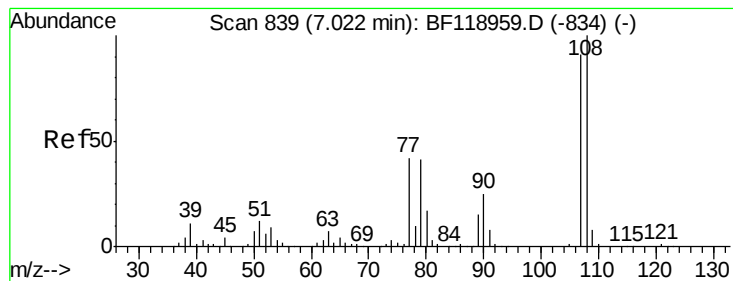
Ion Ratio Lower Upper

45 100

77 27.1 6.1 46.1

79 20.2 0.5 40.5

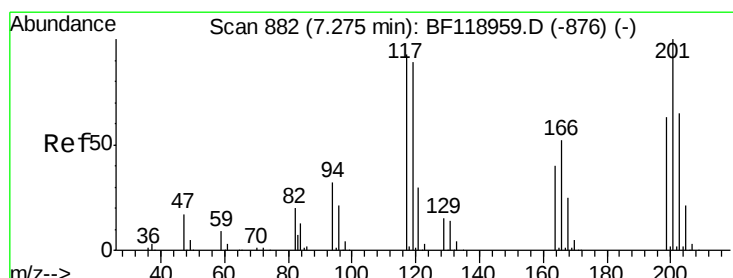
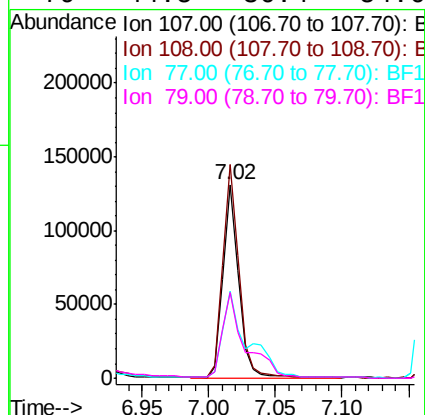
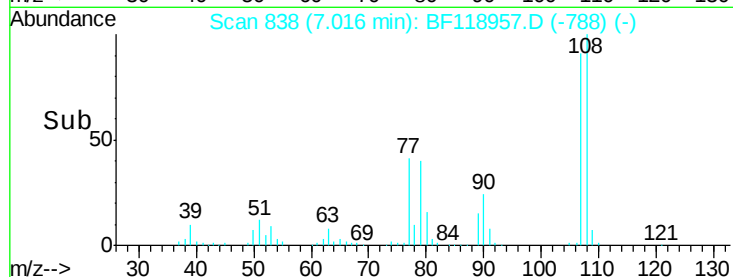
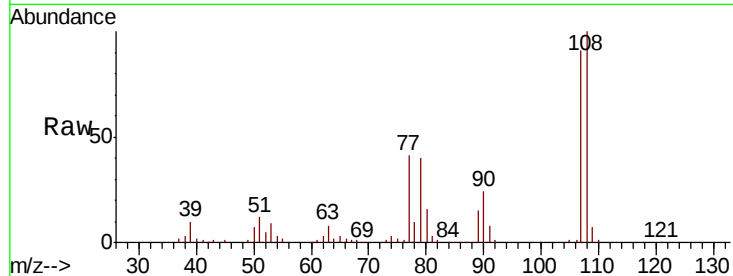




#17
2-Methylphenol
Concen: 11.642 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

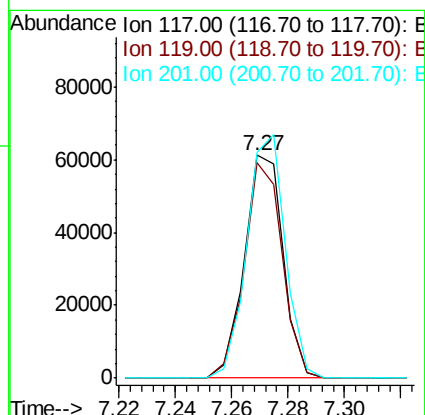
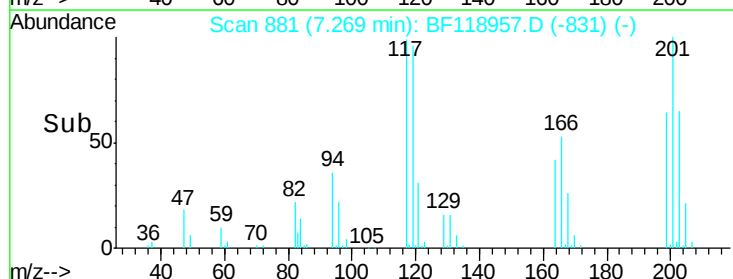
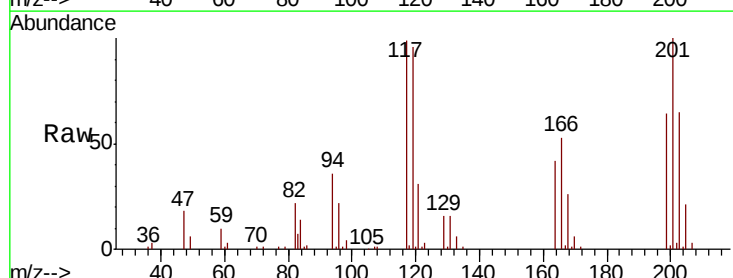
Instrument :
BNA_F
ClientSampleId :

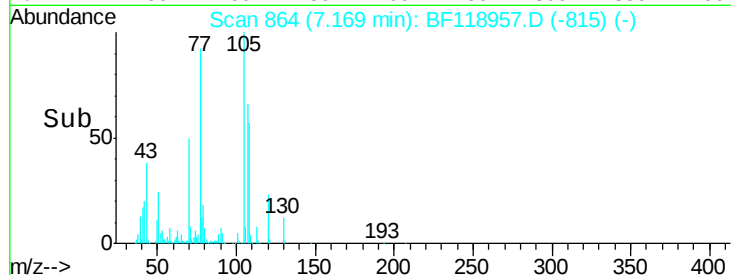
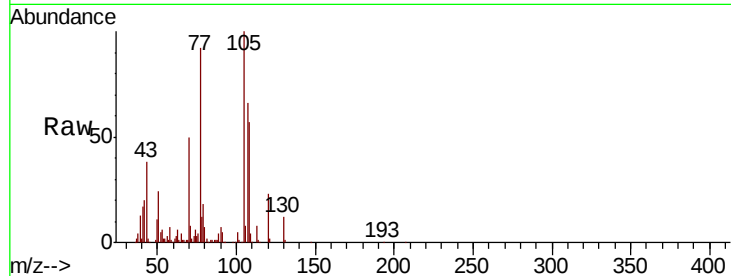
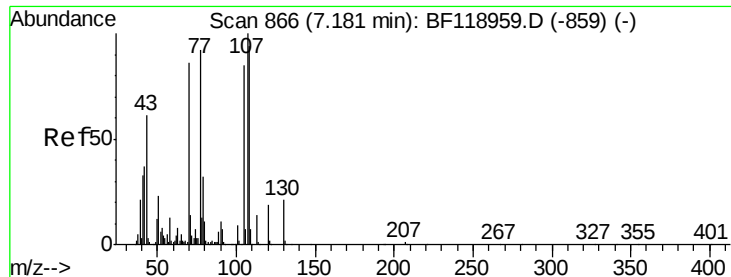
Tot Ion:107 Resp: 110624
Ion Ratio Lower Upper
107 100
108 110.3 87.7 131.5
77 44.9 36.8 55.2
79 44.5 36.4 54.6



#18
Hexachloroethane
Concen: 11.653 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion:117 Resp: 58408
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.6
201 101.0 86.4 129.6

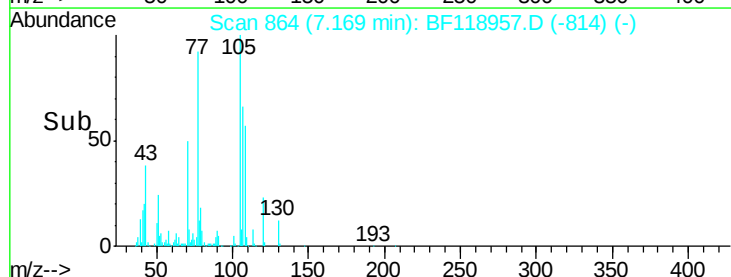
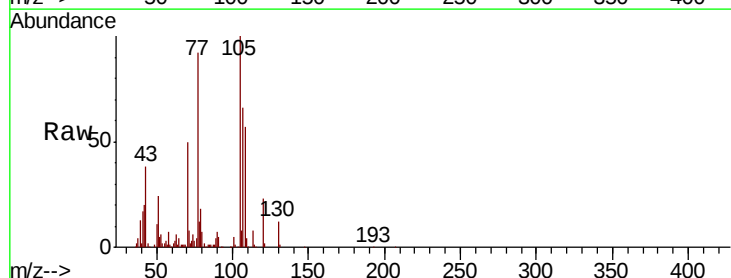
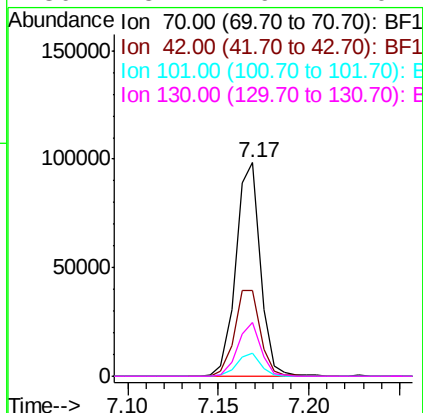




#19
n-Nitroso-di-n-propylamine
Concen: 11.910 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

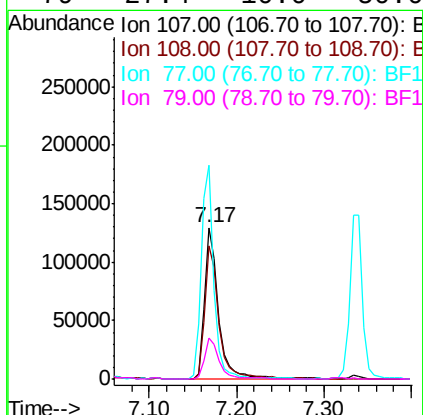
Instrument :
BNA_F
ClientSampleId :

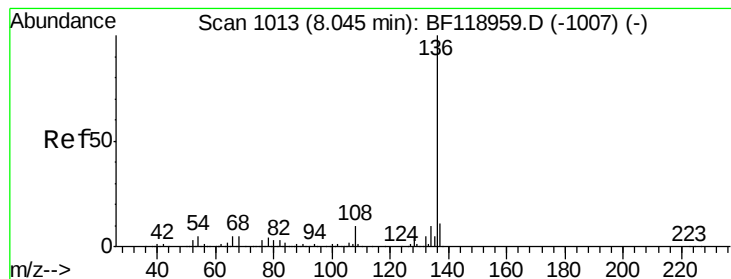
Tot Ion	Ratio	Lower	Upper
70	100		
42	40.5	34.6	51.8
101	10.8	8.1	12.1
130	25.1	19.4	29.2



#20
3+4-Methylphenols
Concen: 13.143 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	67.0	107.0
77	140.9	106.2	146.2
79	27.4	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 687072

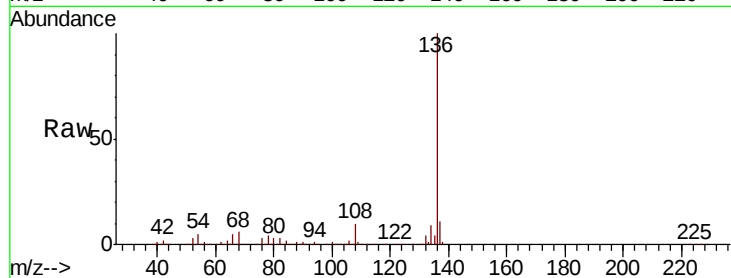
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.3 3.8 5.6

68 5.6 4.2 6.2

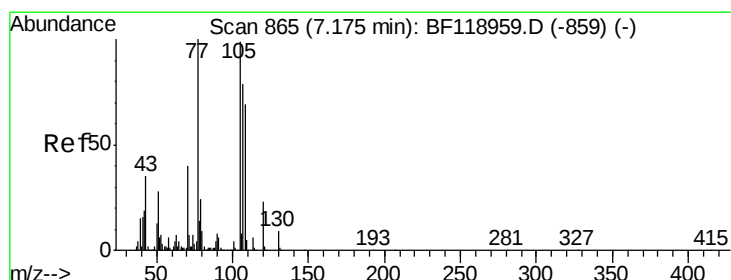
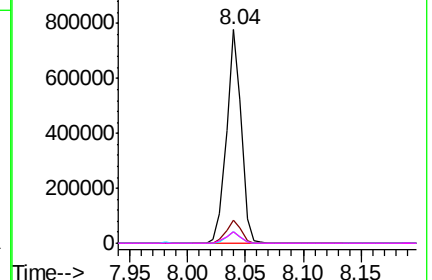
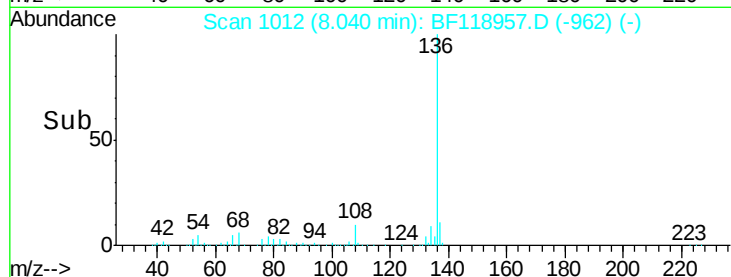


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 12.342 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Tgt Ion:105 Resp: 184553

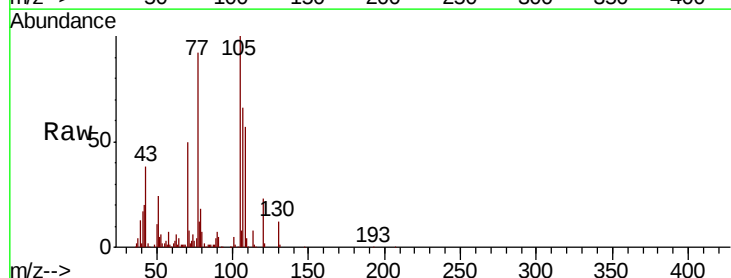
Ion Ratio Lower Upper

105 100

71 8.1 5.4 8.0#

51 23.7 22.5 33.7

120 23.2 18.4 27.6

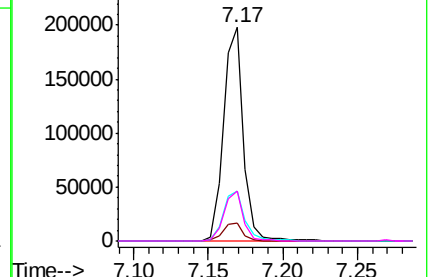
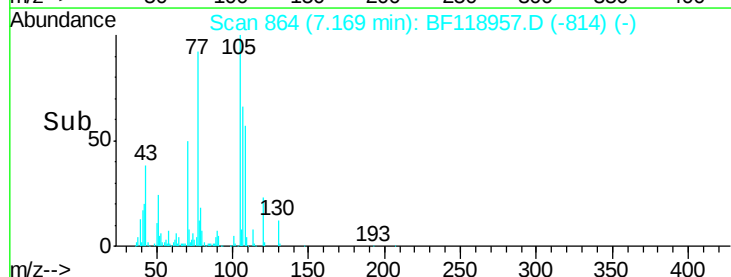


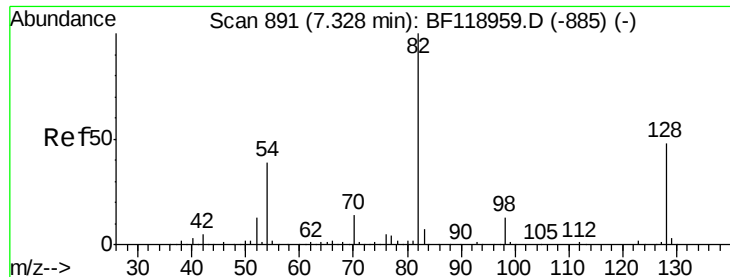
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

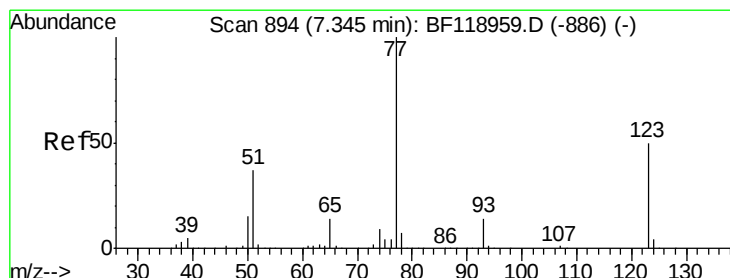
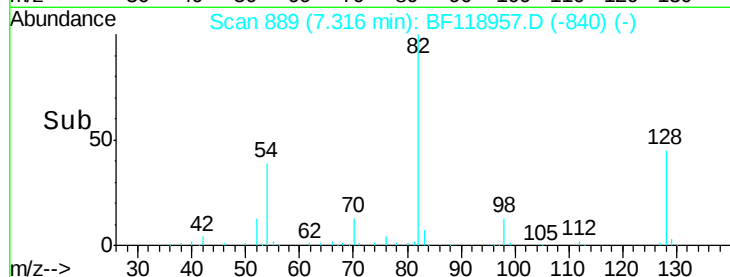
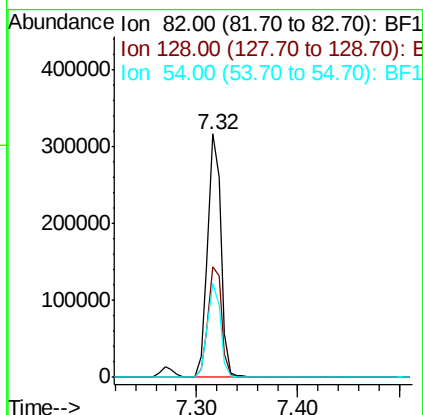
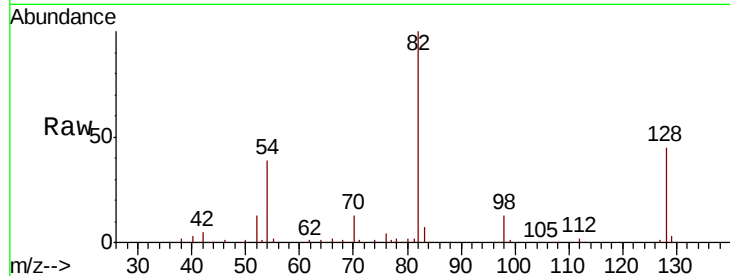




#23
 Nitrobenzene-d5
 Concen: 23.588 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

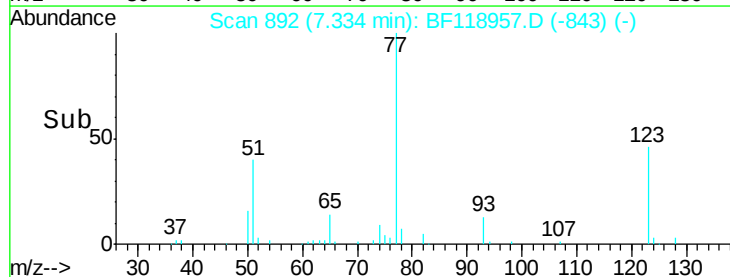
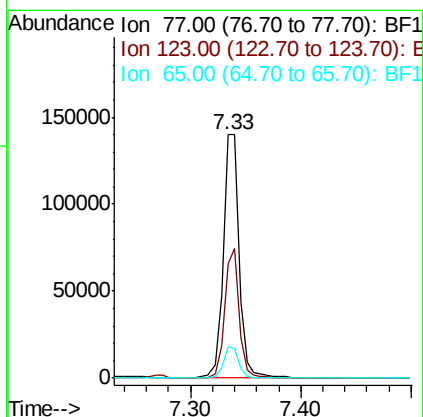
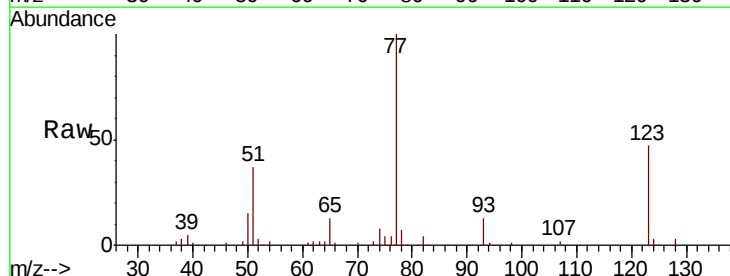
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	291382
Ion Ratio	100	Lower	Upper
128	45.1	38.2	57.2
54	38.7	31.3	46.9



#24
 Nitrobenzene
 Concen: 11.400 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

Tgt Ion	77	Resp	142601
Ion Ratio	100	Lower	Upper
123	47.2	40.1	60.1
65	12.6	10.9	16.3





#25

Isophorone

Concen: 10.989 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

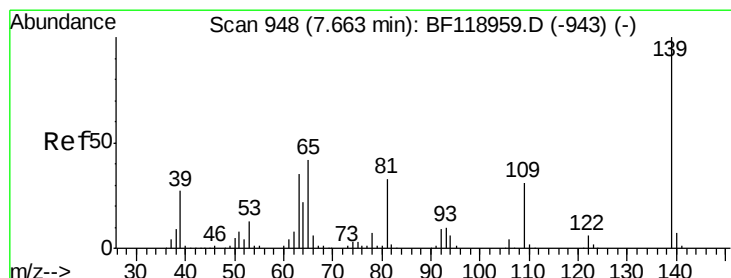
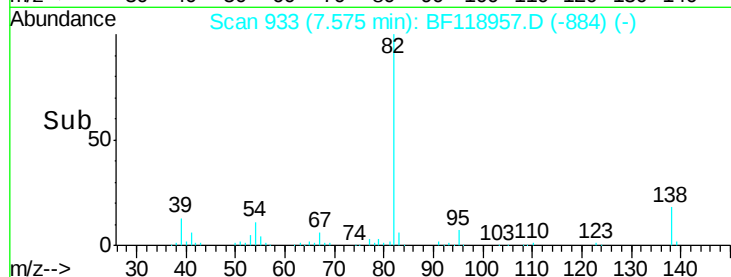
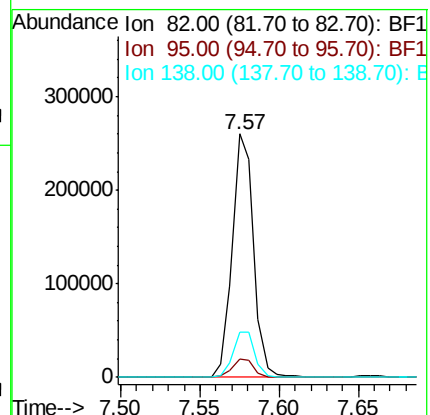
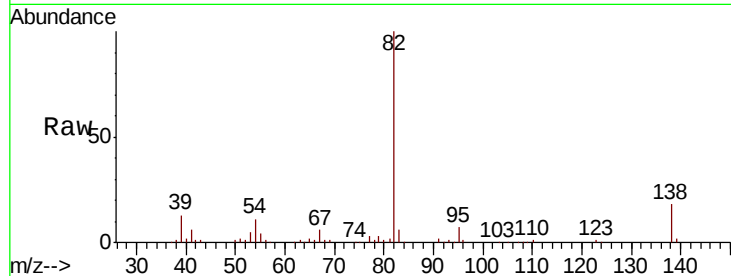
Tot Ion: 82 Resp: 243069

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

138 18.4 15.8 23.6



#26

2-Nitrophenol

Concen: 10.593 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

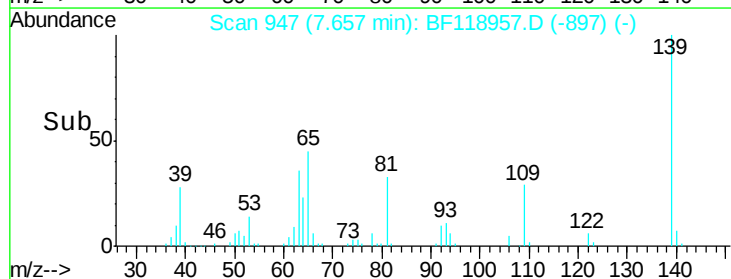
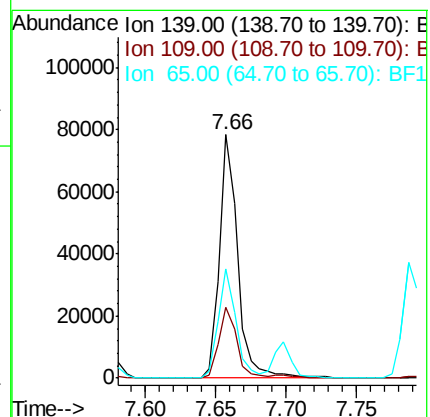
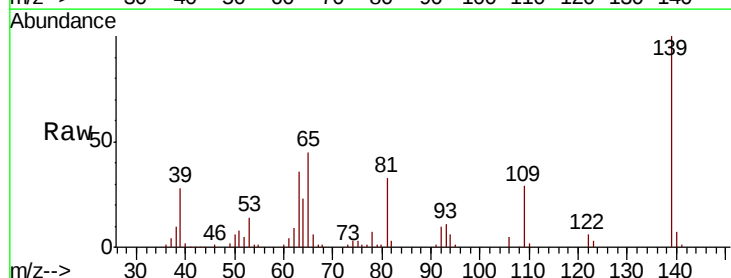
Tgt Ion: 139 Resp: 70764

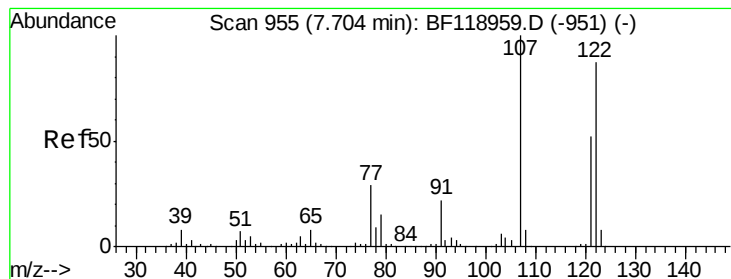
Ion Ratio Lower Upper

139 100

109 29.2 24.6 36.8

65 45.1 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 11.214 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

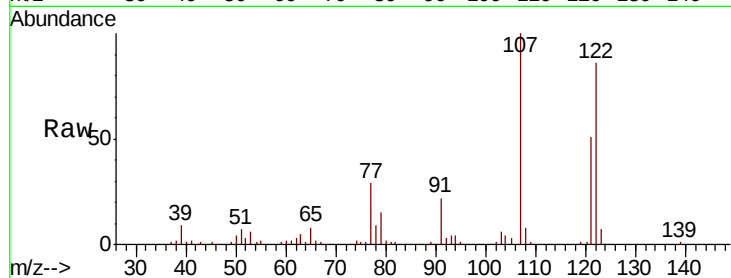
Tot Ion:122 Resp: 100261

Ion Ratio Lower Upper

122 100

107 116.7 91.8 137.8

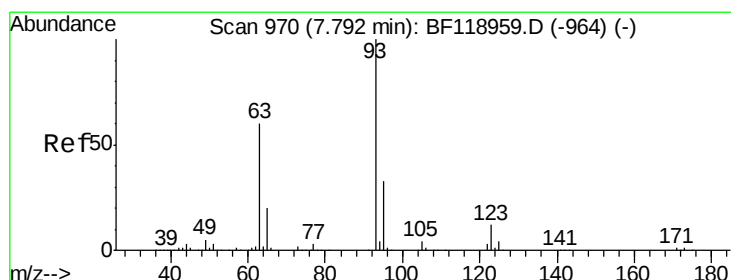
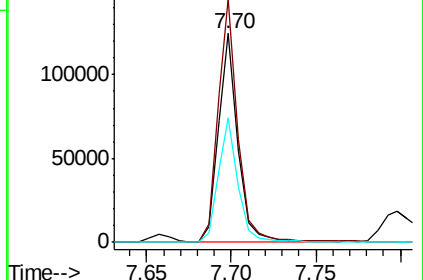
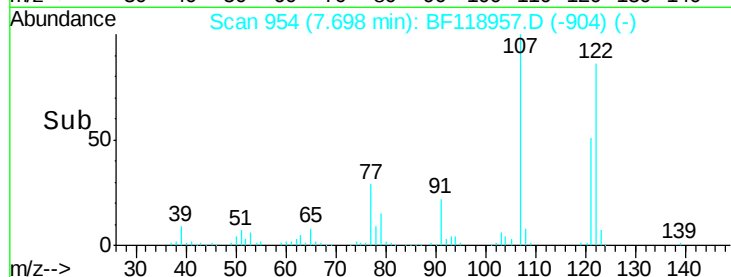
121 59.5 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 11.450 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

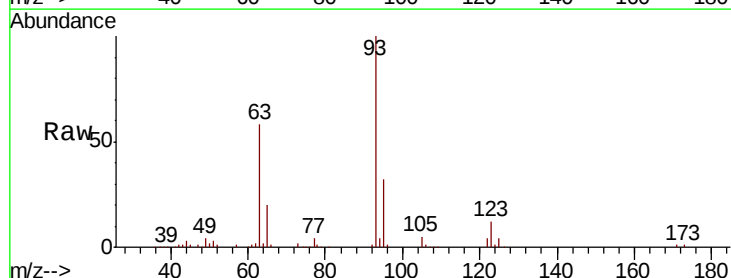
Tgt Ion: 93 Resp: 165678

Ion Ratio Lower Upper

93 100

95 31.6 26.3 39.5

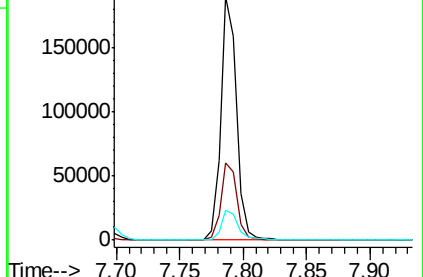
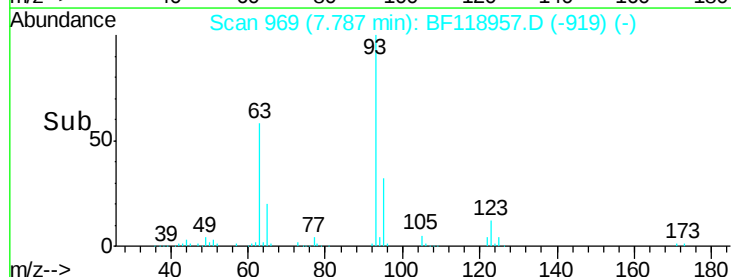
123 12.2 9.8 14.8

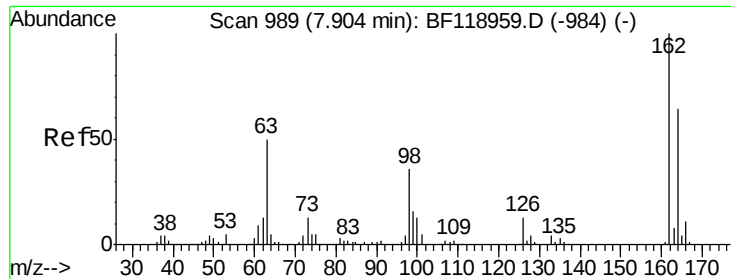


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

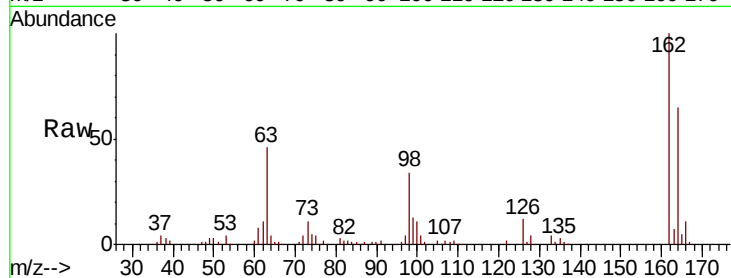




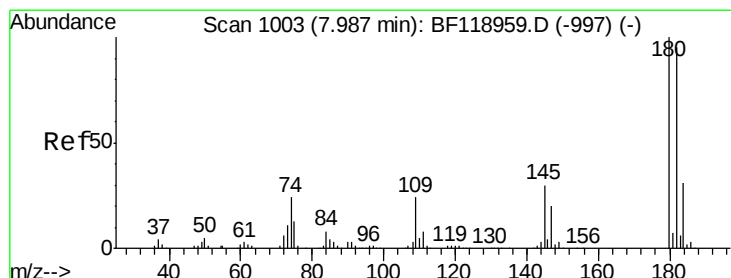
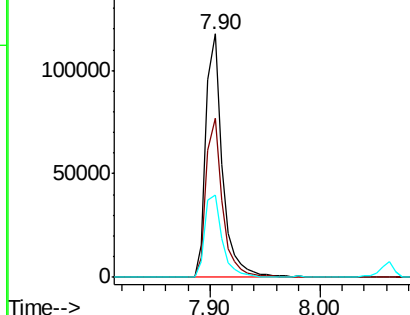
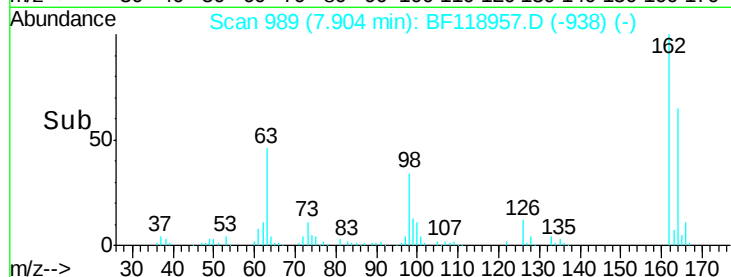
#29
 2,4-Dichlorophenol
 Concen: 11.144 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.1	84.1
98	33.6	16.4	56.4

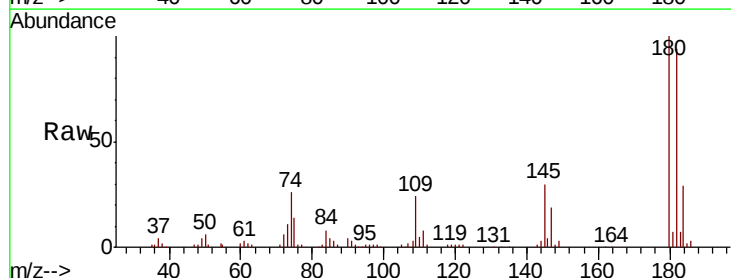


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

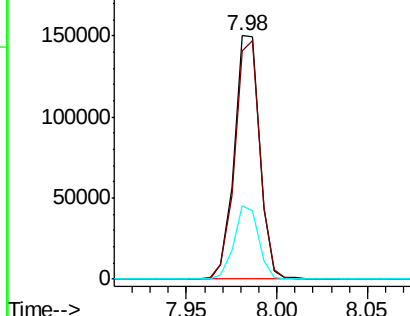
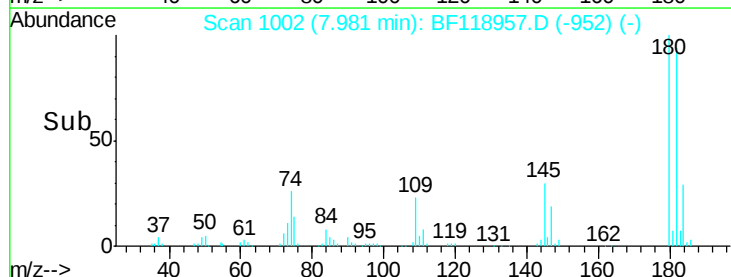


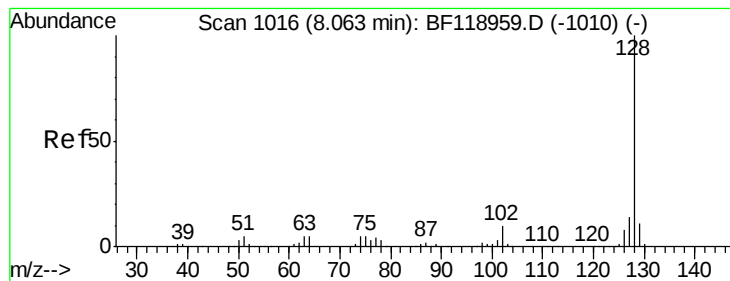
#30
 1,2,4-Trichlorobenzene
 Concen: 11.746 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.8	113.8
145	30.2	24.2	36.2



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





#31

Naphthalene

Concen: 11.979 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

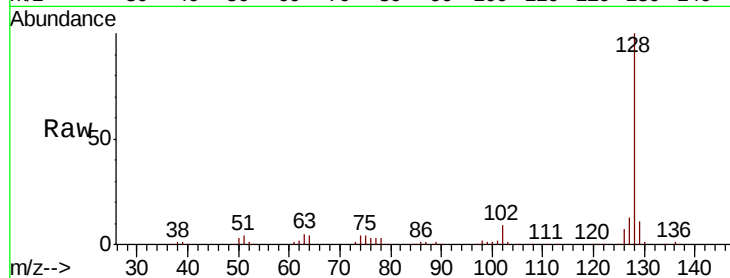
Tot Ion:128 Resp: 417080

Ion Ratio Lower Upper

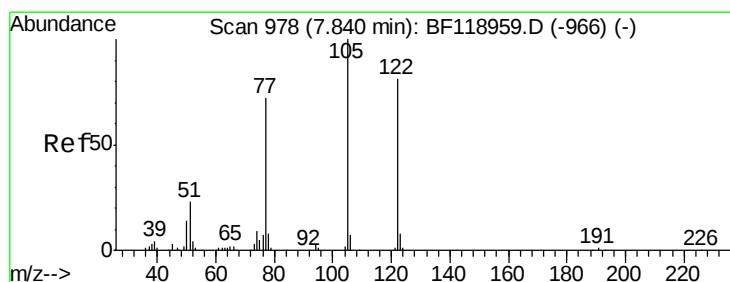
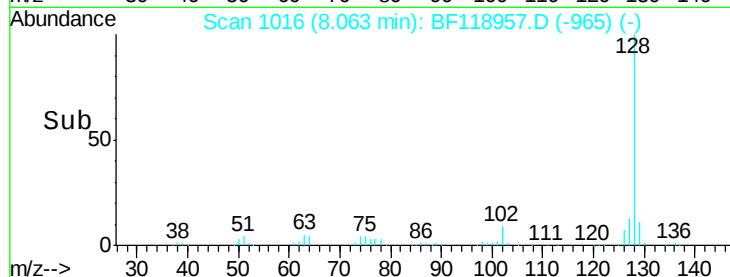
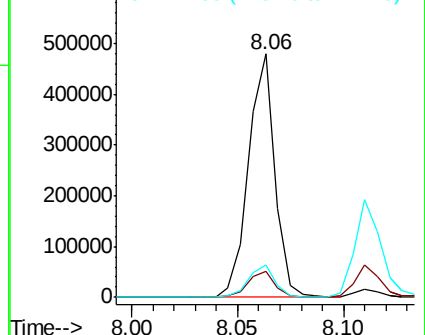
128 100

129 10.7 9.0 13.4

127 13.4 10.9 16.3



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



#32

Benzoic acid

Concen: 6.162 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.04 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

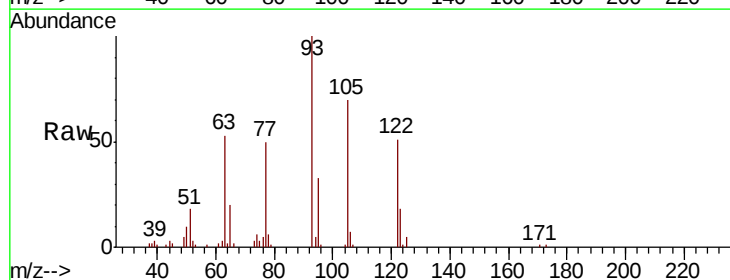
Tgt Ion:122 Resp: 39799

Ion Ratio Lower Upper

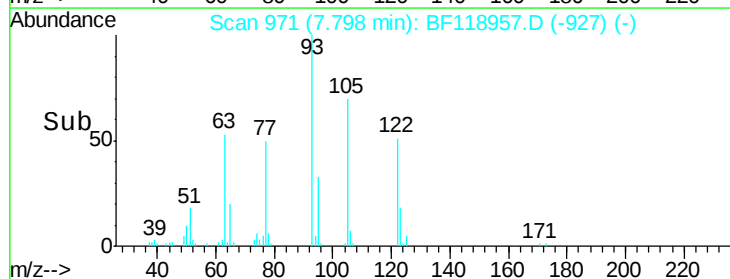
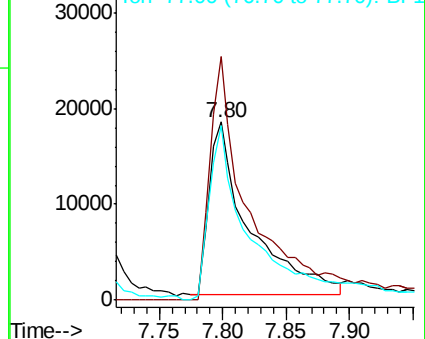
122 100

105 137.0 102.2 142.2

77 98.3 68.6 108.6



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

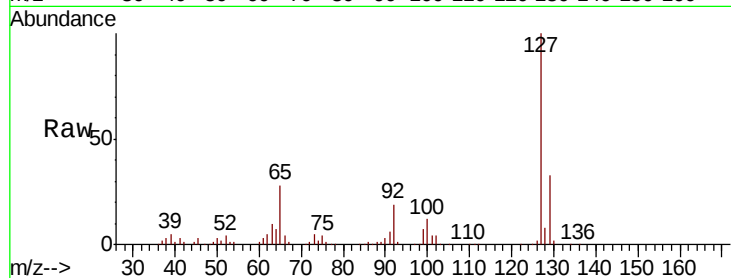




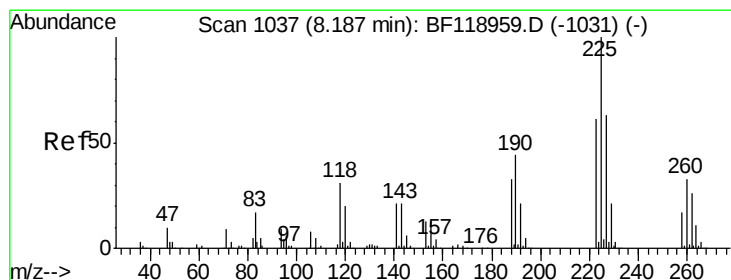
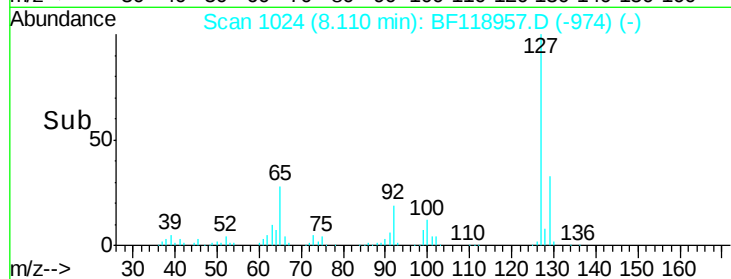
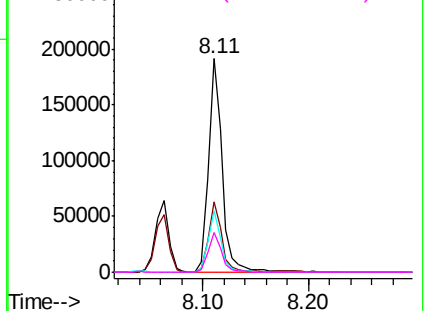
#33
4-Chloroaniline
Concen: 11.587 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	172726
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	28.5	22.0	33.0
92	18.7	15.5	23.3

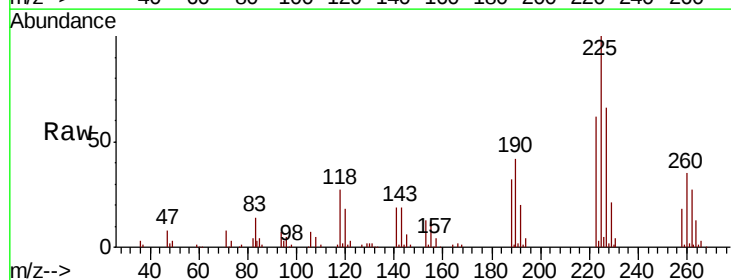


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

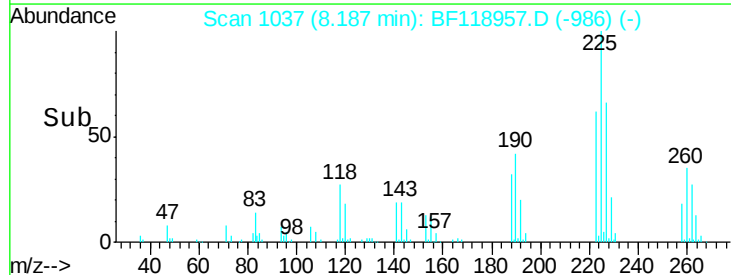
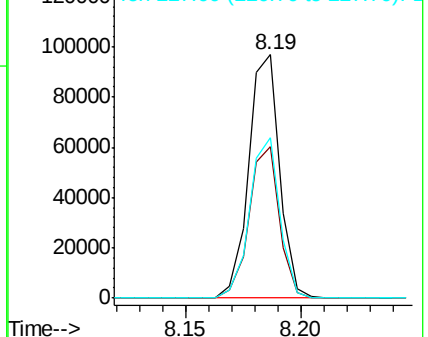


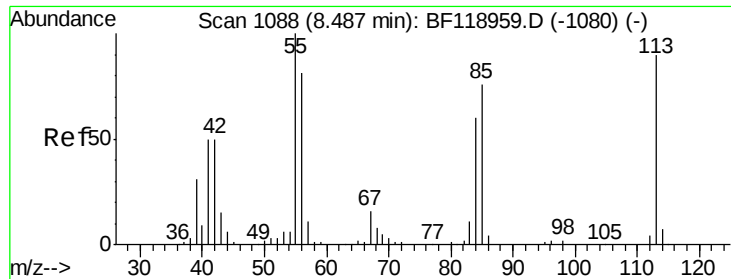
#34
Hexachlorobutadiene
Concen: 11.731 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion:	225	Resp:	90786
Ion	Ratio	Lower	Upper
225	100		
223	62.1	48.9	73.3
227	66.0	50.4	75.6



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

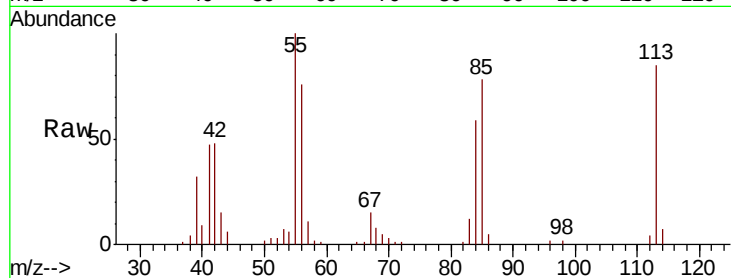




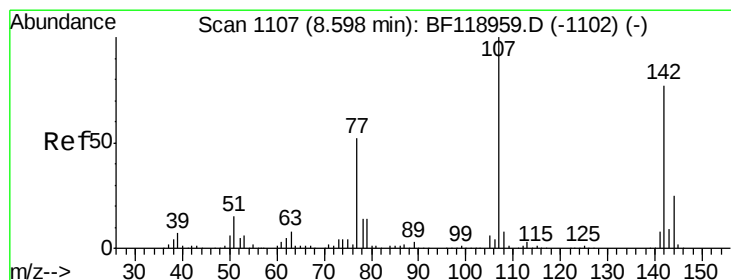
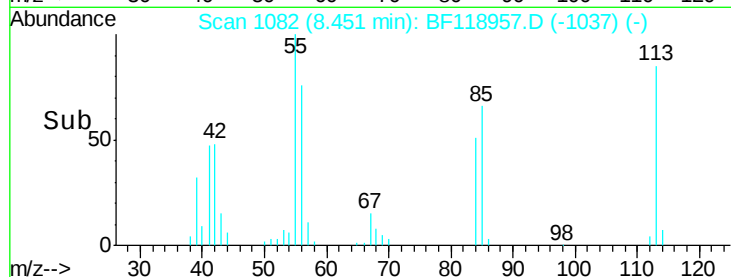
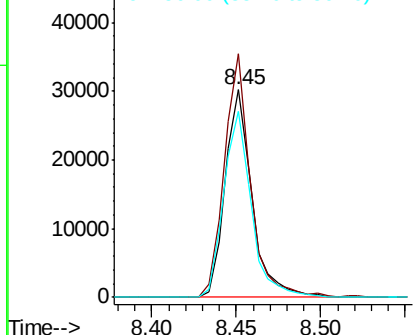
#35
Caprolactam
Concen: 10.342 ng
RT: 8.45 min Scan# 1082
Delta R.T. -0.04 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 33363
Ion Ratio Lower Upper
113 100
55 117.3 90.8 130.8
56 89.5 70.0 110.0

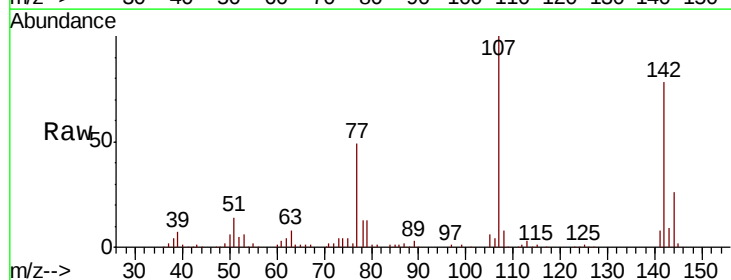


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

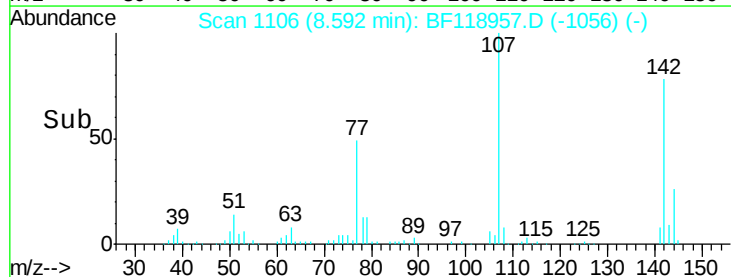
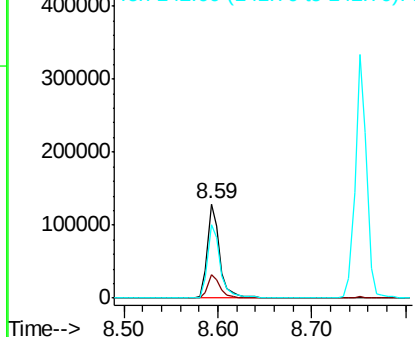


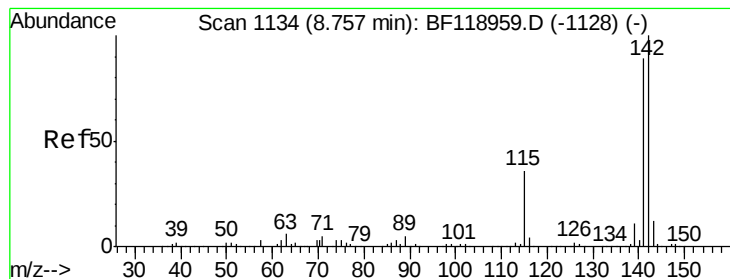
#36
4-Chloro-3-methylphenol
Concen: 11.257 ng
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion:107 Resp: 119944
Ion Ratio Lower Upper
107 100
144 25.5 19.8 29.8
142 78.4 61.3 91.9



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: 12.063 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

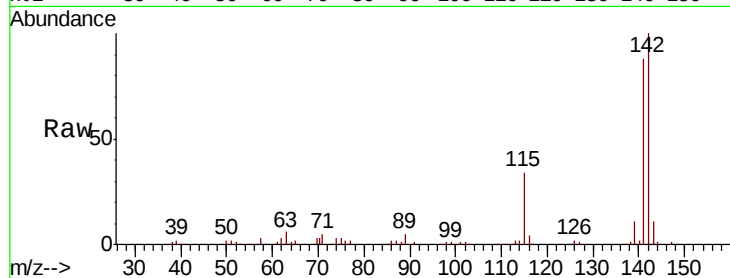
Tot Ion:142 Resp: 280179

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.4

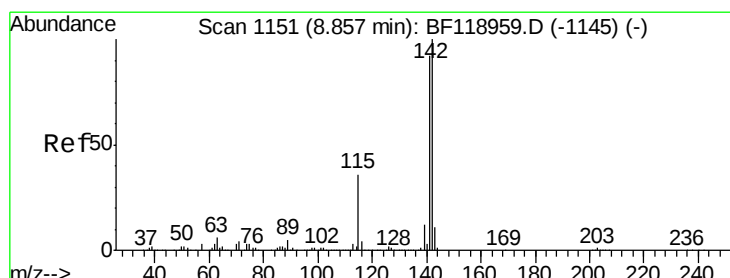
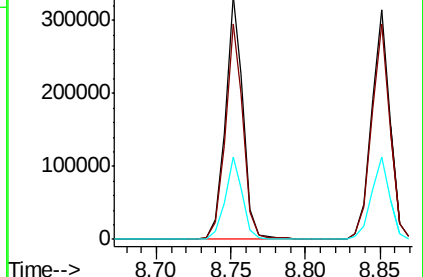
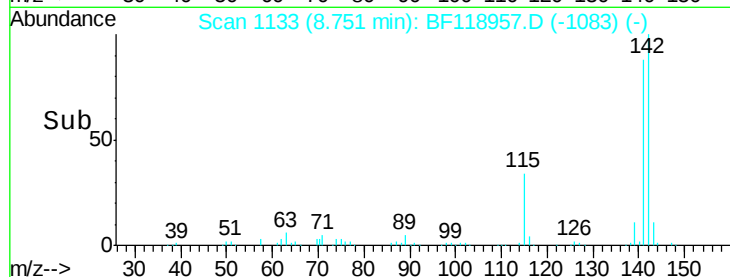
115 33.6 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 12.083 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

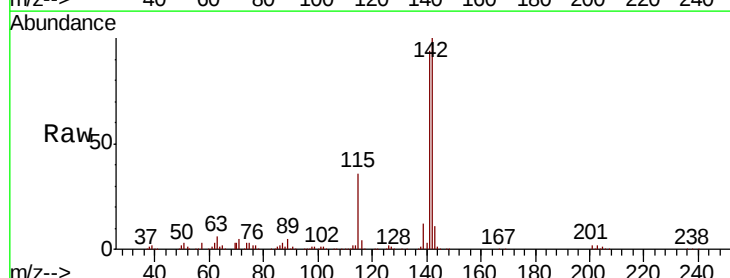
Tgt Ion:142 Resp: 263178

Ion Ratio Lower Upper

142 100

141 93.9 73.7 110.5

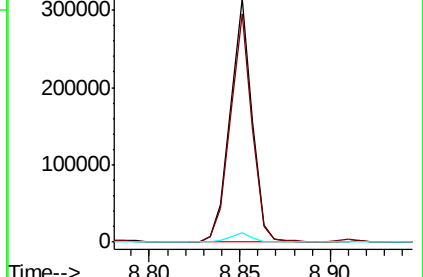
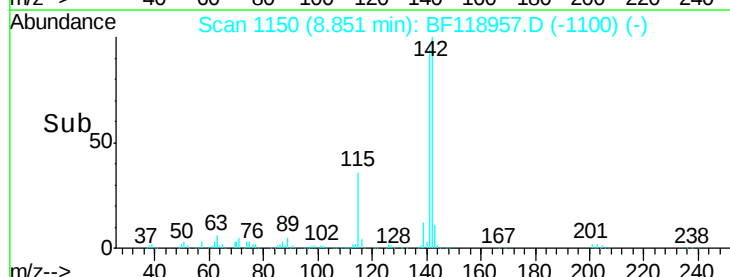
116 3.7 3.0 4.6

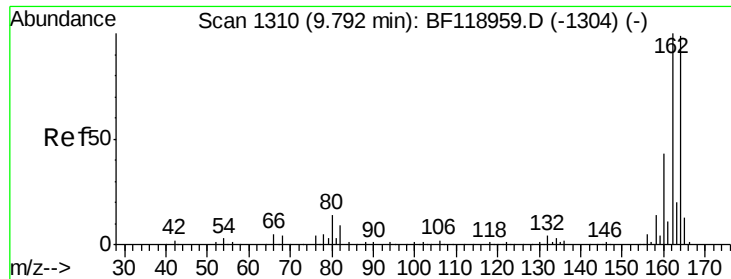


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

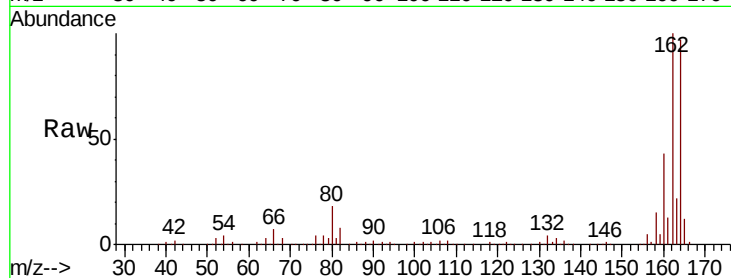
Tot Ion:164 Resp: 376249

Ion Ratio Lower Upper

164 100

162 103.1 81.2 121.8

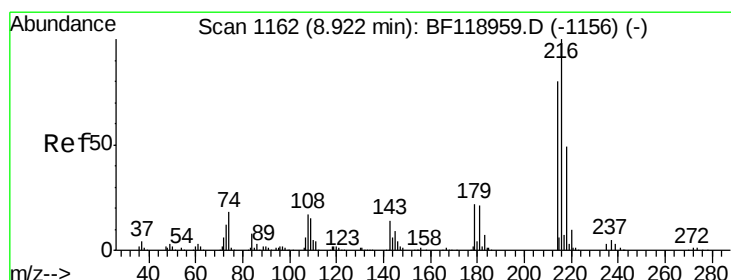
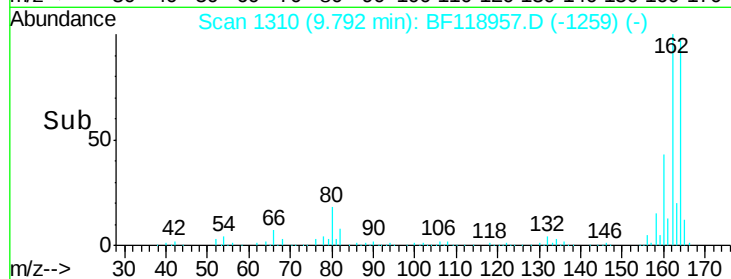
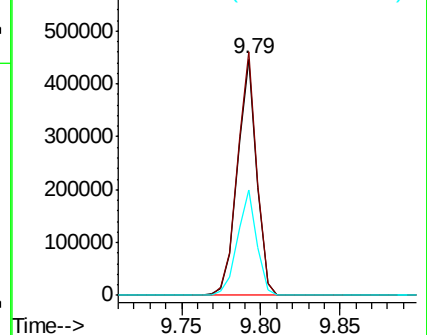
160 44.6 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 12.269 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Tgt Ion:216 Resp: 148097

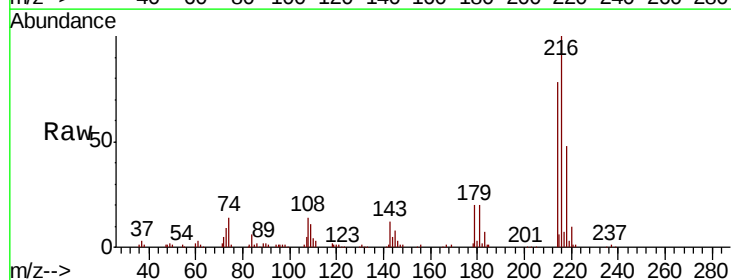
Ion Ratio Lower Upper

216 100

214 78.2 63.1 94.7

179 20.7 17.2 25.8

108 15.5 13.4 20.0

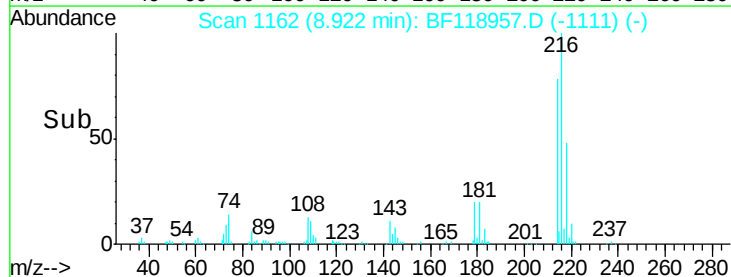
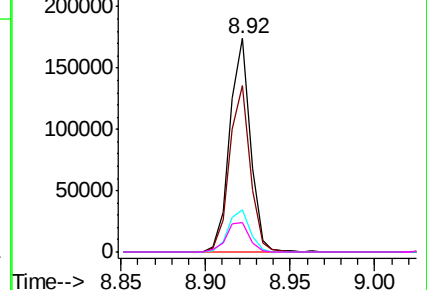


Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 5.103 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

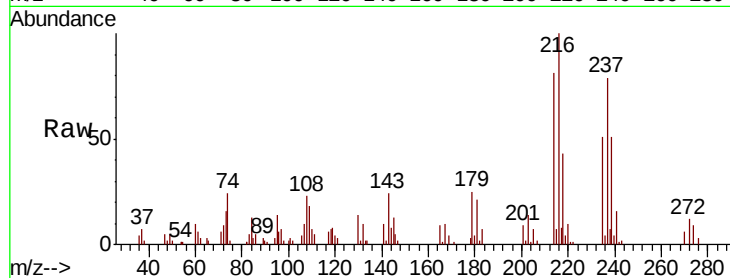
Tot Ion:237 Resp: 18481

Ion Ratio Lower Upper

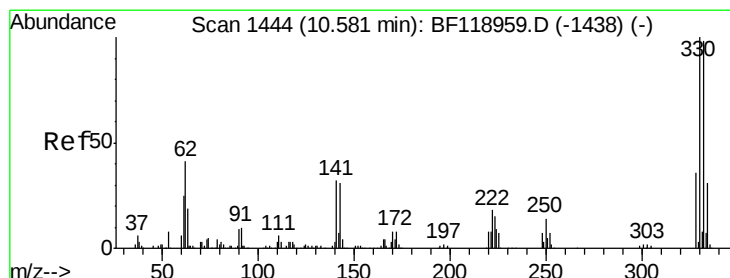
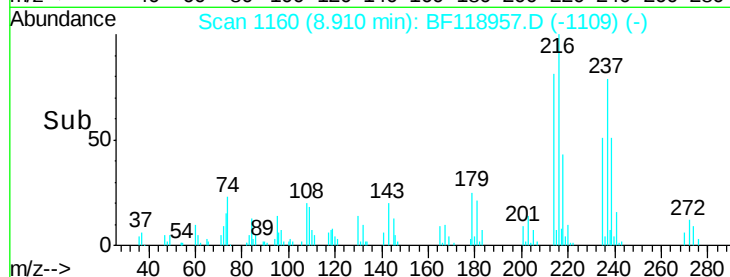
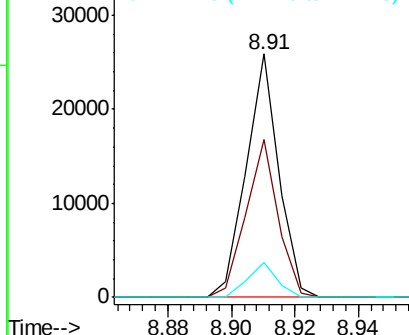
237 100

235 64.9 39.4 79.4

272 14.6 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 23.130 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

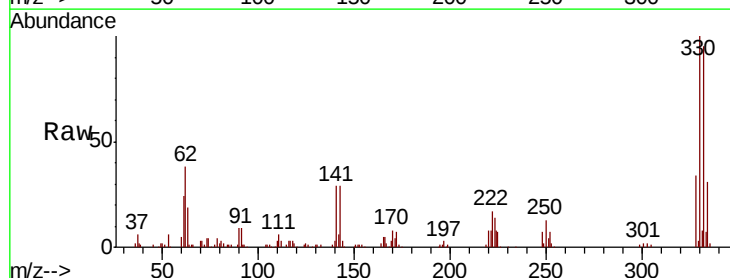
Tgt Ion:330 Resp: 107812

Ion Ratio Lower Upper

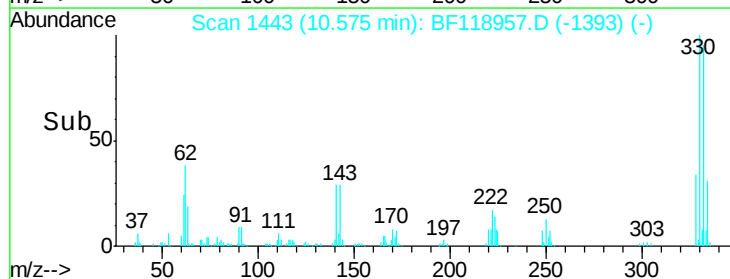
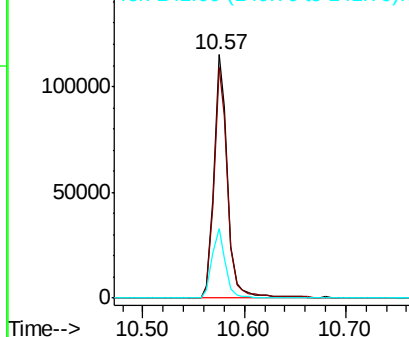
330 100

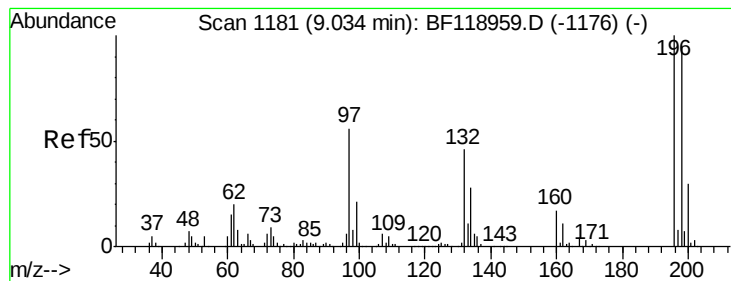
332 95.2 77.1 115.7

141 28.2 23.0 34.6



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





#43

2,4,6-Trichlorophenol

Concen: 10.754 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

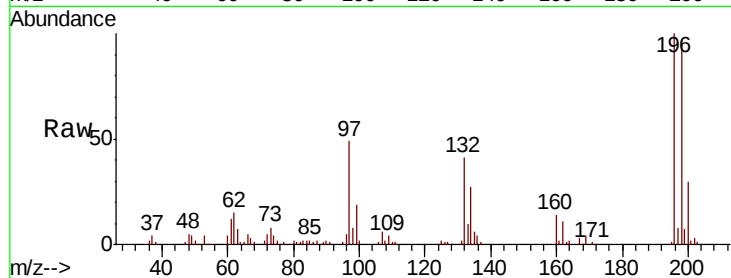
Tot Ion:196 Resp: 85666

Ion Ratio Lower Upper

196 100

198 96.5 75.8 113.6

200 30.2 24.1 36.1

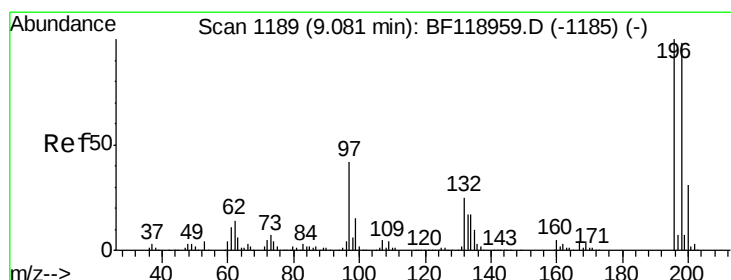
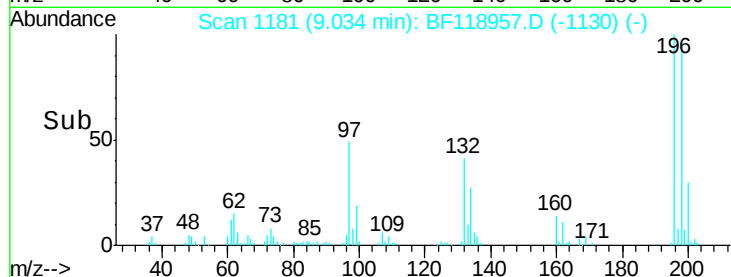
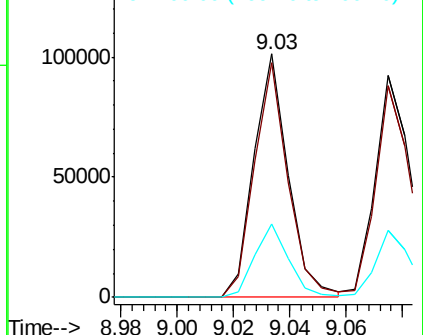


Abundance

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



#44

2,4,5-Trichlorophenol

Concen: 10.918 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Tgt Ion:196 Resp: 90170

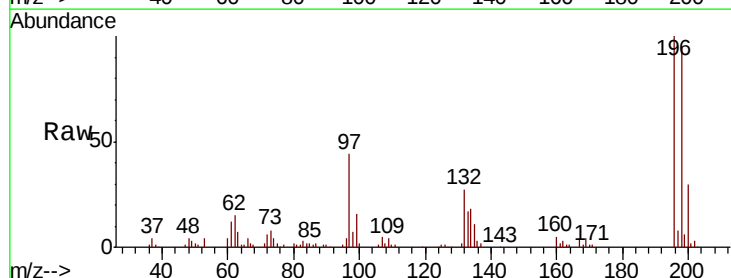
Ion Ratio Lower Upper

196 100

198 95.3 78.4 117.6

97 44.2 33.4 50.0

132 26.6 20.6 30.8



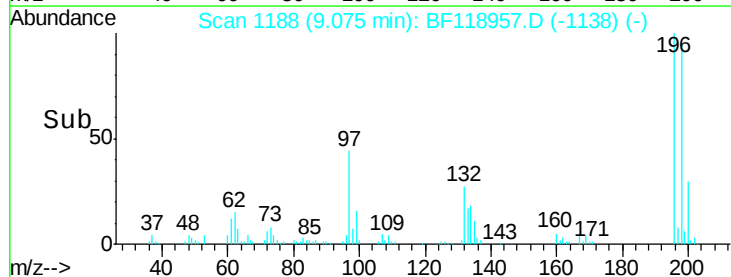
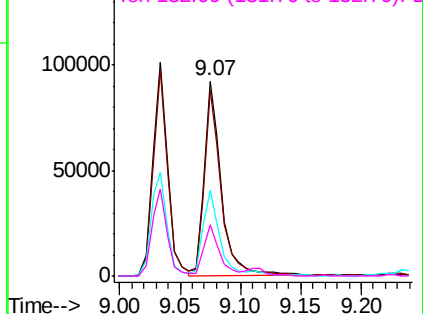
Abundance

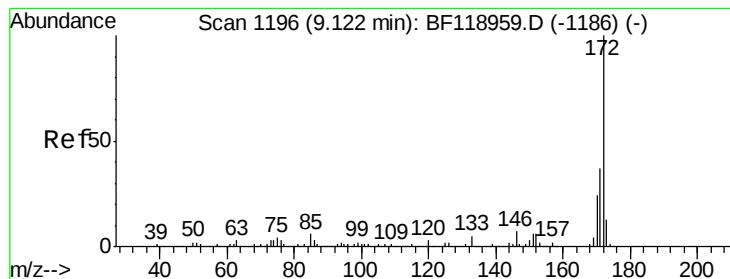
Ion 196.00 (195.70 to 196.70): E

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





#45

2-Fluorobiphenyl

Concen: 27.297 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

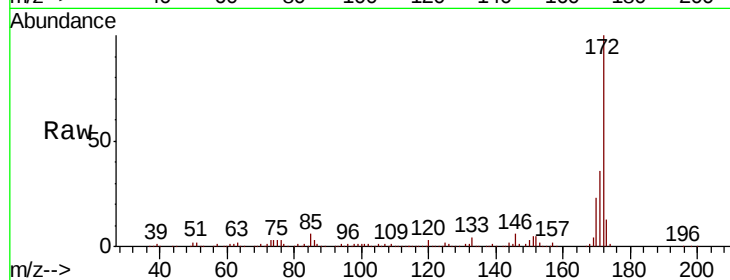
Tot Ion:172 Resp: 635819

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.2

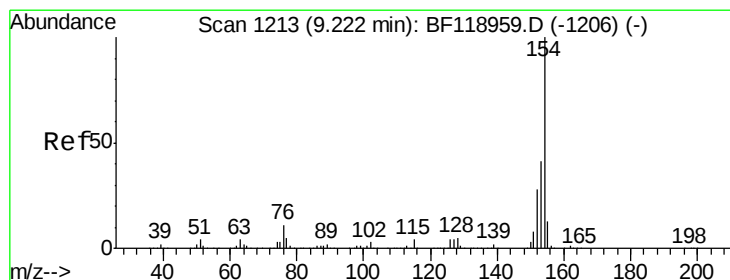
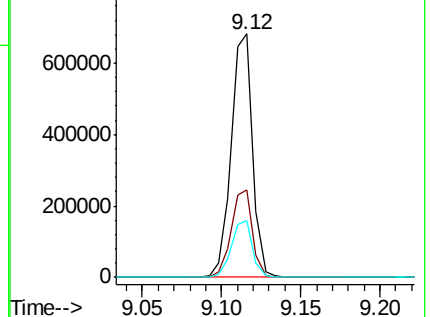
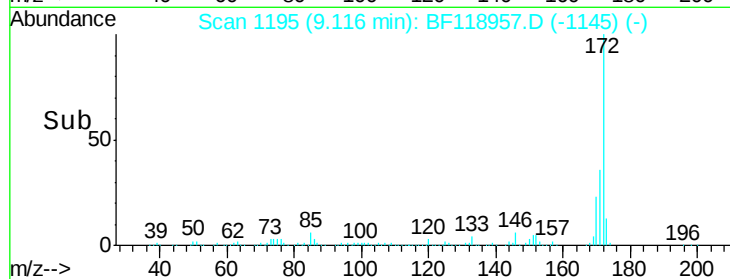
170 23.3 19.6 29.4



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



#46

1,1'-Biphenyl

Concen: 12.551 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

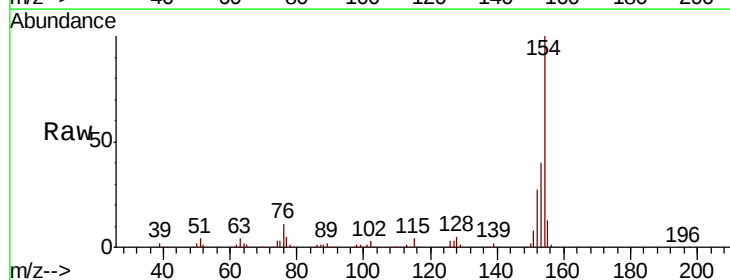
Tgt Ion:154 Resp: 363041

Ion Ratio Lower Upper

154 100

153 40.0 21.2 61.2

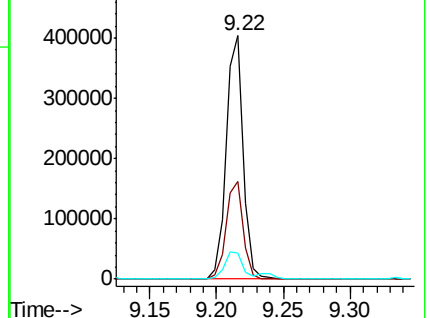
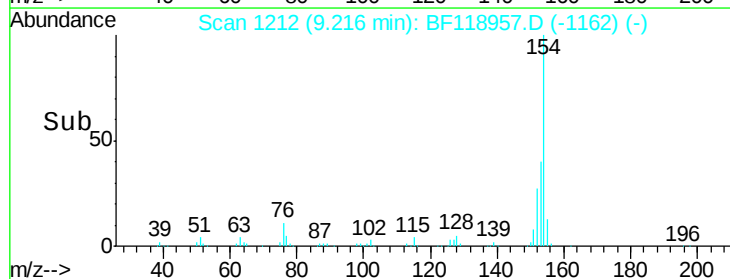
76 10.9 0.0 31.1

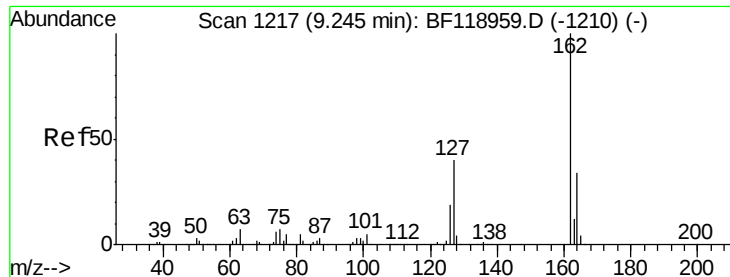


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

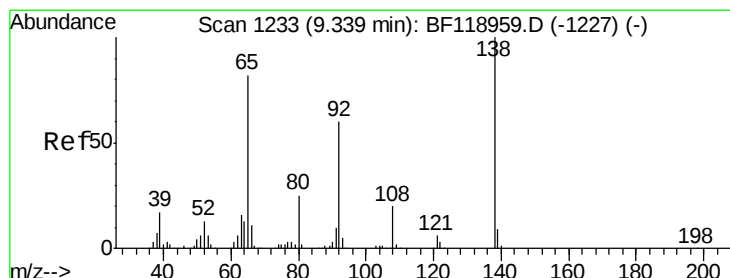
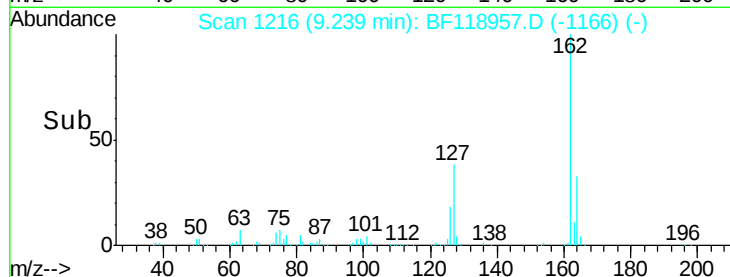
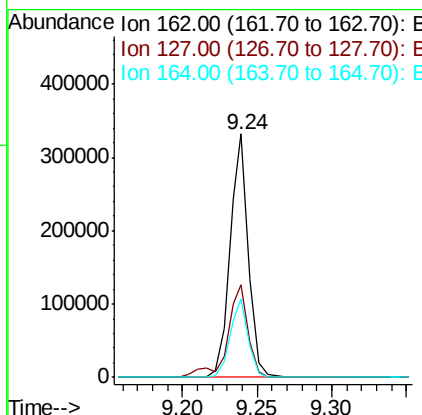
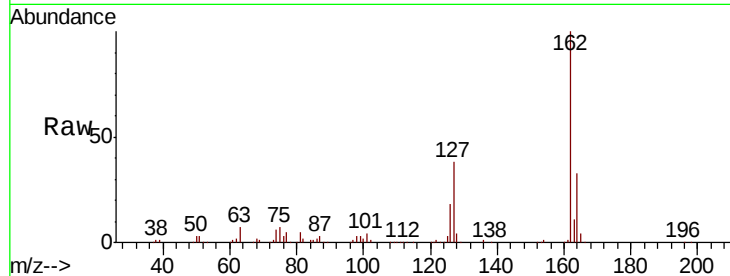




#47
 2-Chloronaphthalene
 Concen: 11.989 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

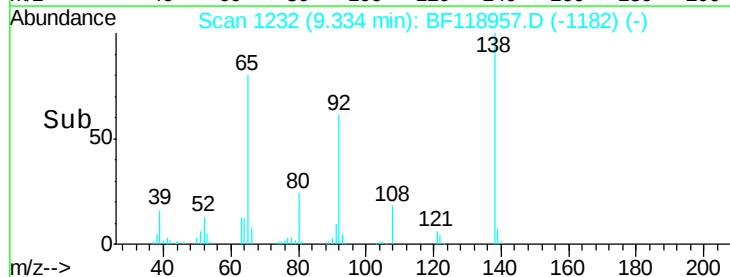
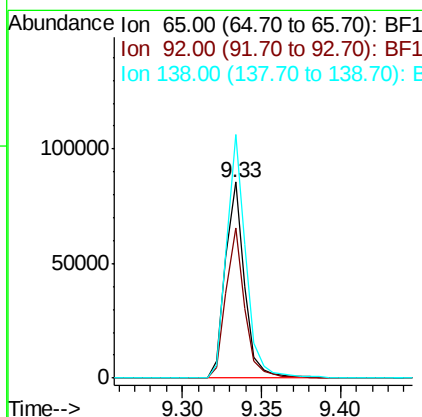
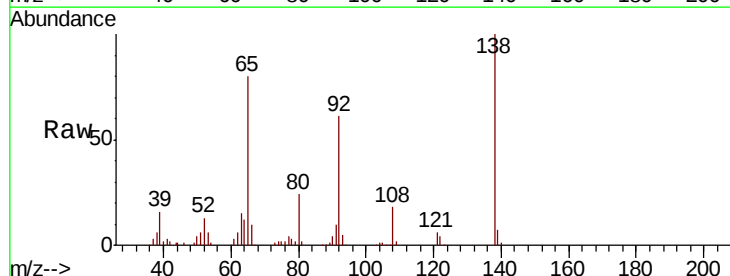
Instrument :
 BNA_F
 ClientSampleId :

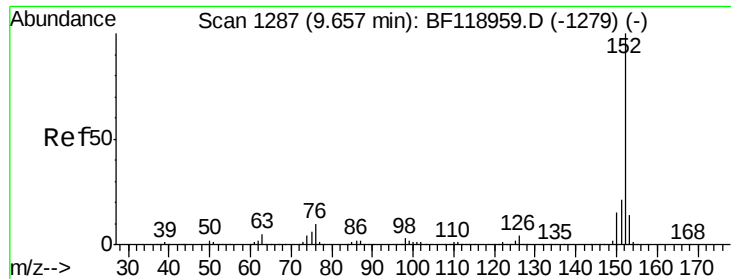
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.9	47.9
164	32.5	26.8	40.2



#48
 2-Nitroaniline
 Concen: 10.718 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.4	58.6	87.8
138	124.3	97.5	146.3





#49

Acenaphthylene

Concen: 12.165 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

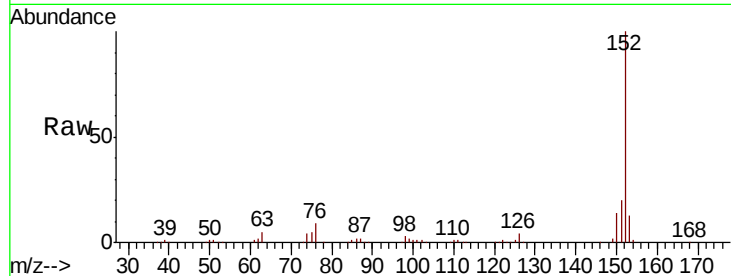
Tot Ion:152 Resp: 416962

Ion Ratio Lower Upper

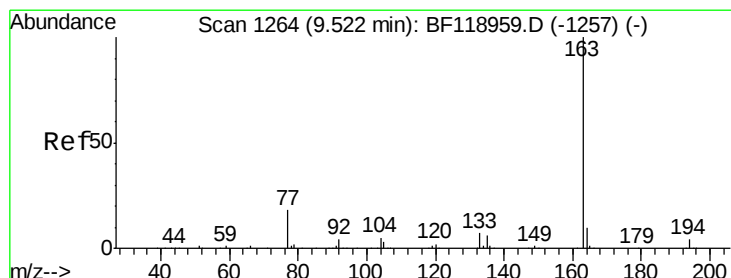
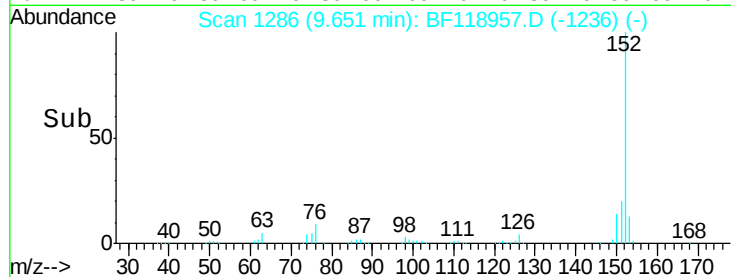
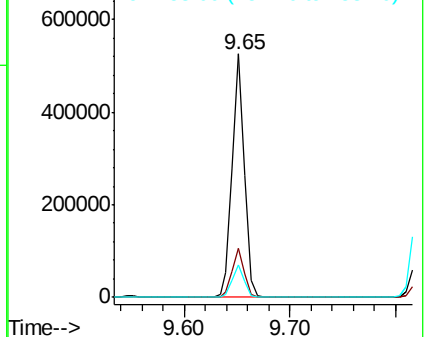
152 100

151 20.3 16.7 25.1

153 13.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 11.366 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

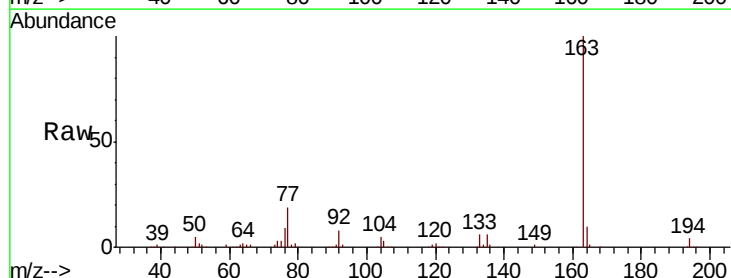
Tgt Ion:163 Resp: 322861

Ion Ratio Lower Upper

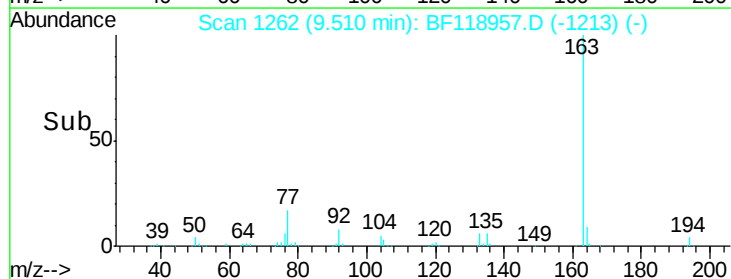
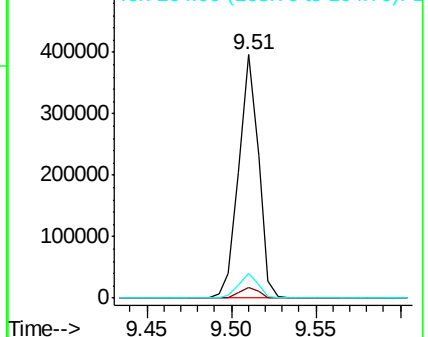
163 100

194 4.2 3.4 5.2

164 9.9 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

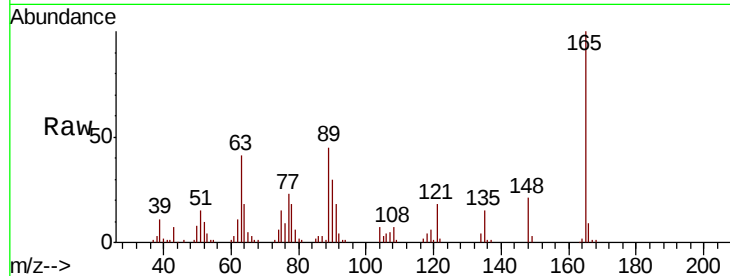




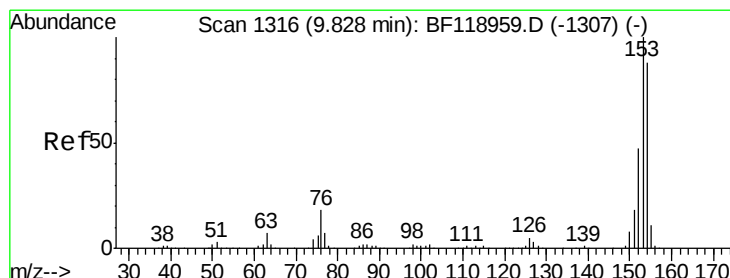
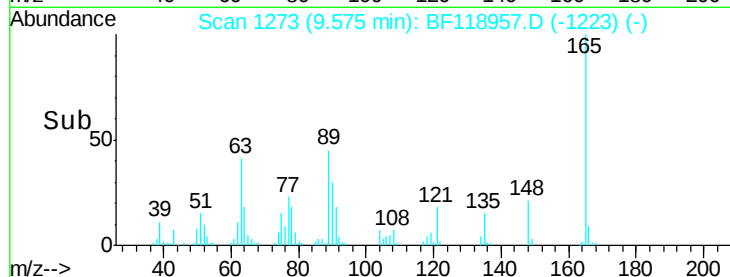
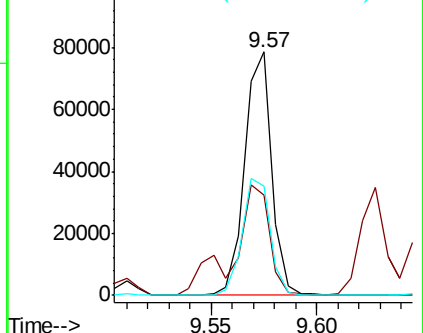
#51
 2,6-Dinitrotoluene
 Concen: 10.952 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 69488
 Ion Ratio Lower Upper
 165 100
 63 41.4 37.9 56.9
 89 44.9 41.4 62.0

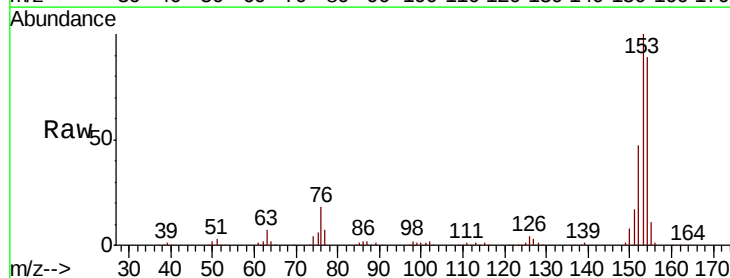


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

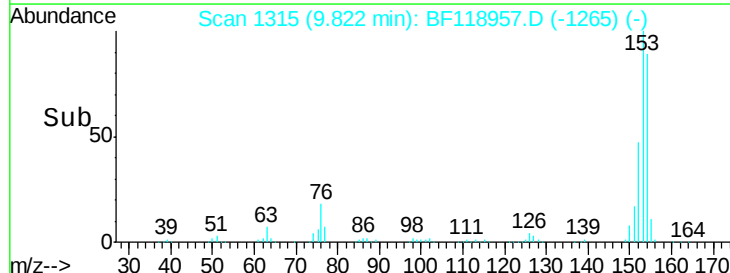
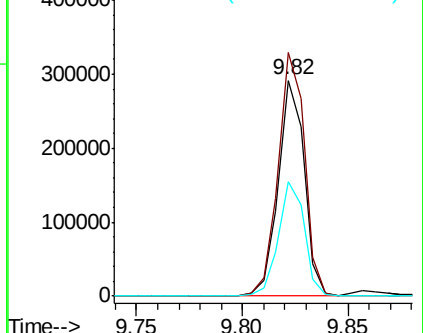


#52
 Acenaphthene
 Concen: 12.048 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

Tgt Ion:154 Resp: 251376
 Ion Ratio Lower Upper
 154 100
 153 112.7 90.4 135.6
 152 53.0 42.9 64.3



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

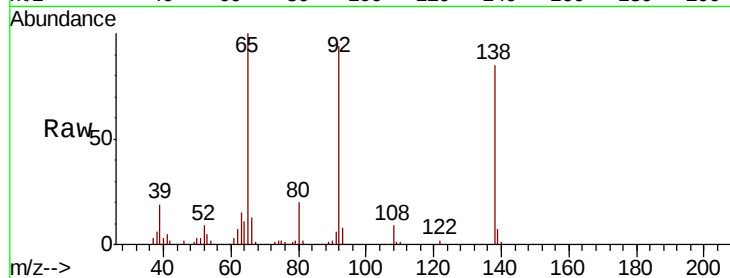




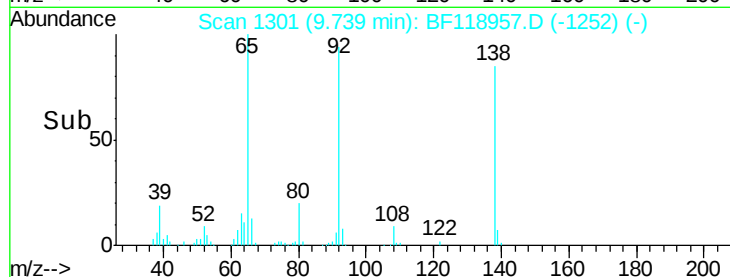
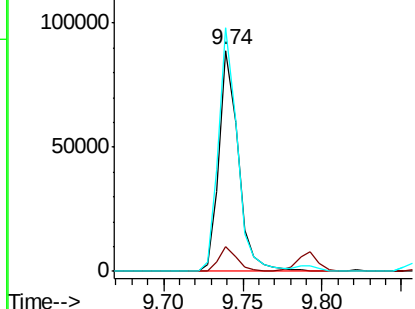
#53
3-Nitroaniline
Concen: 10.849 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 75759
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 110.4 84.6 127.0

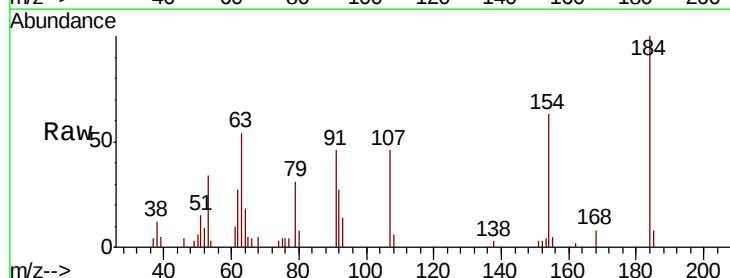


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

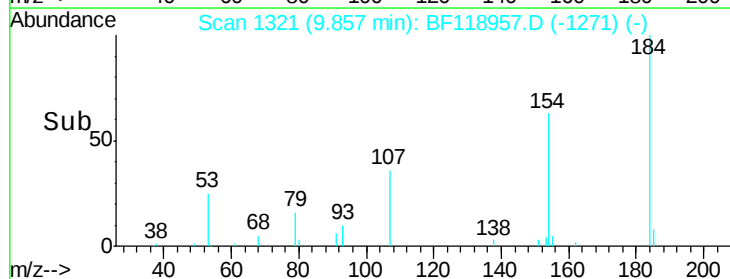
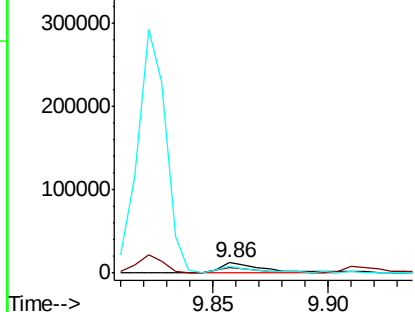


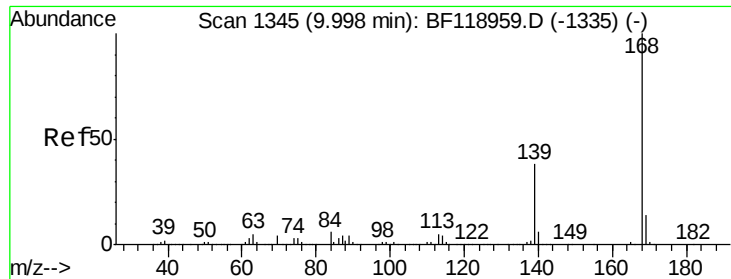
#54
2,4-Dinitrophenol
Concen: 5.818 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion:184 Resp: 16418
Ion Ratio Lower Upper
184 100
63 54.2 37.8 56.6
154 62.6 47.6 71.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

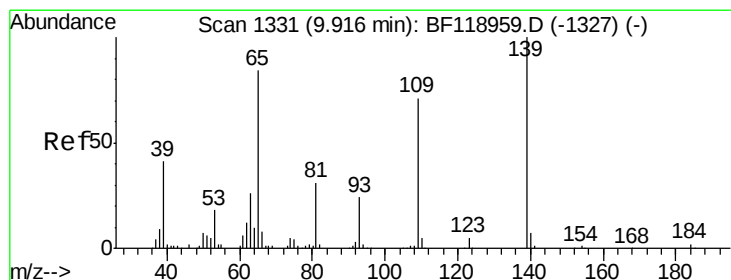
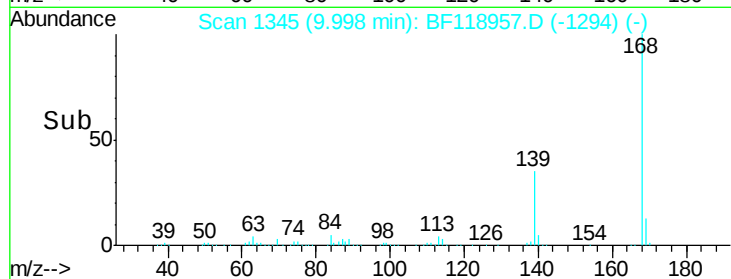
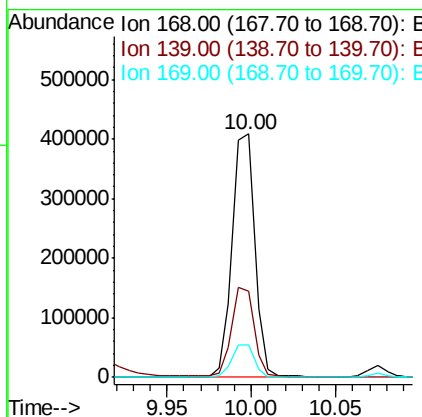
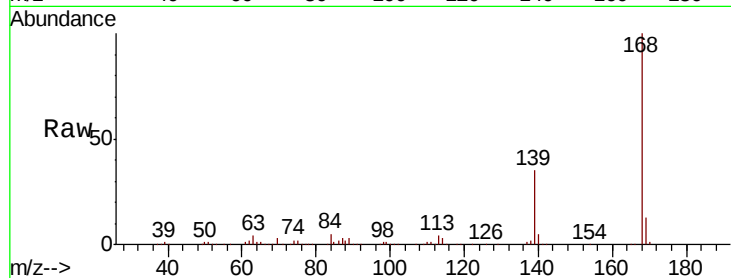




#55
Dibenzofuran
Concen: 12.346 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

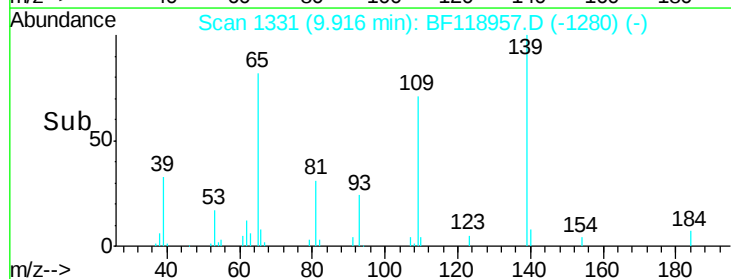
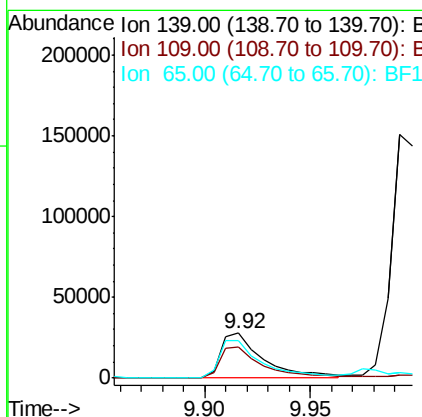
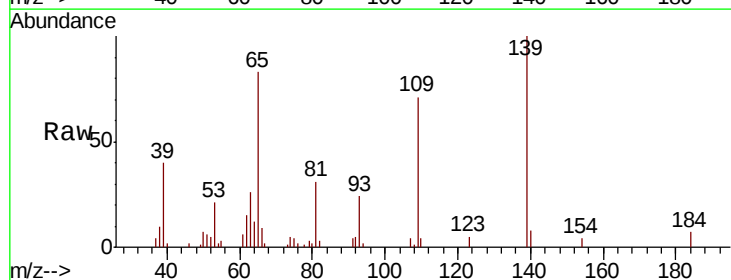
Instrument :
BNA_F
ClientSampleId :

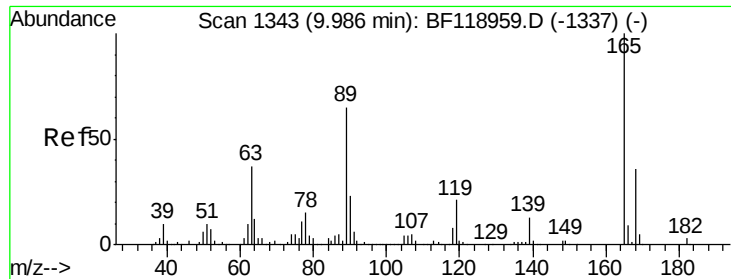
Tot Ion:168 Resp: 384525
Ion Ratio Lower Upper
168 100
139 35.2 31.7 47.5
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 9.030 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion:139 Resp: 38841
Ion Ratio Lower Upper
139 100
109 70.7 51.1 91.1
65 82.9 64.7 104.7

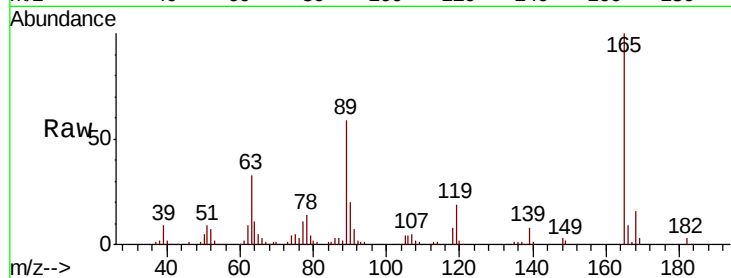




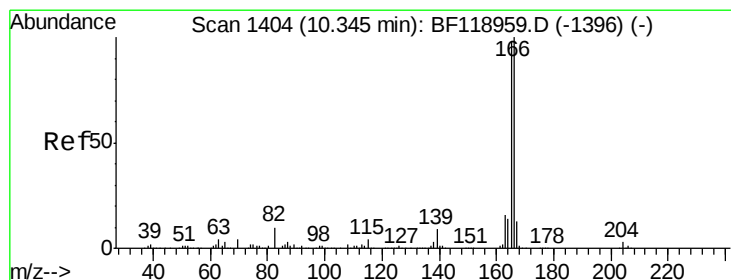
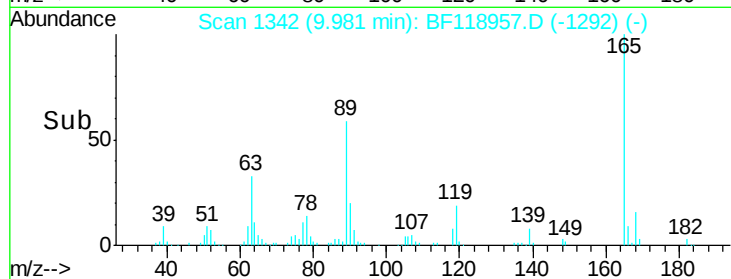
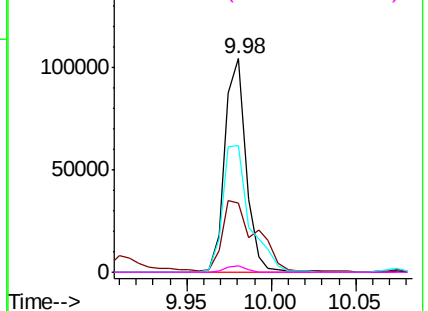
#57
2,4-Dinitrotoluene
Concen: 11.166 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	91644
Ion Ratio	Lower	Upper
165	100	
63	32.6	29.8 44.8
89	59.4	51.9 77.9
182	2.9	2.3 3.5

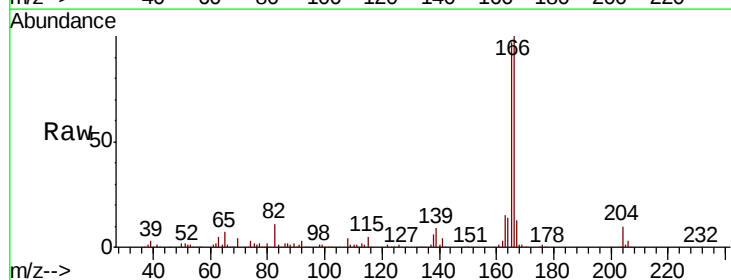


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

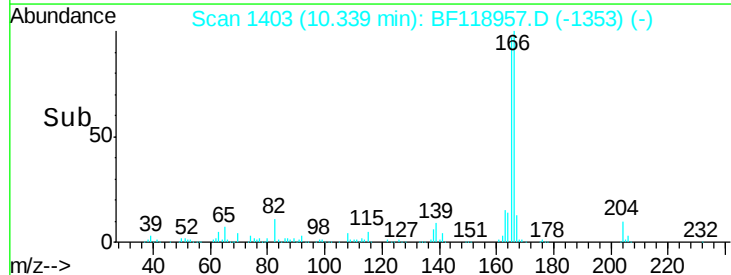
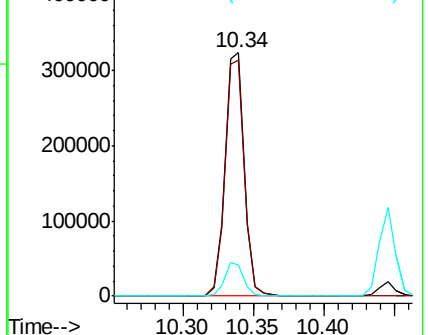


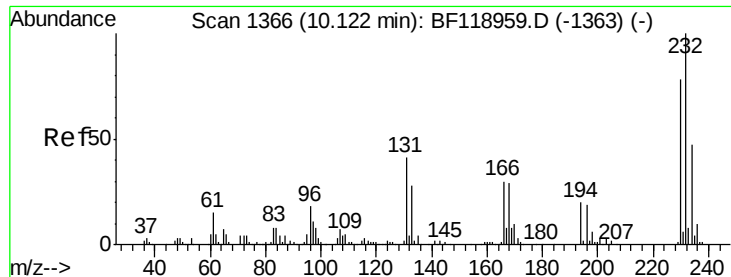
#58
Fluorene
Concen: 12.623 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion:166	Resp:	304694
Ion Ratio	Lower	Upper
166	100	
165	97.1	78.2 117.4
167	12.9	10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

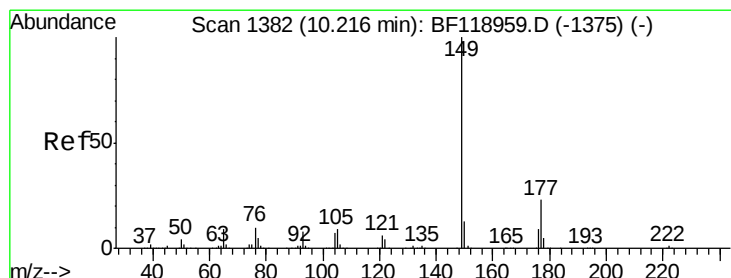
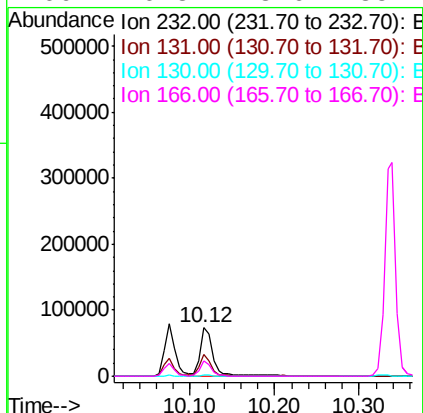
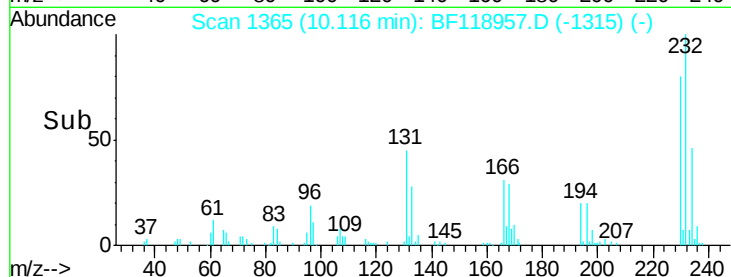
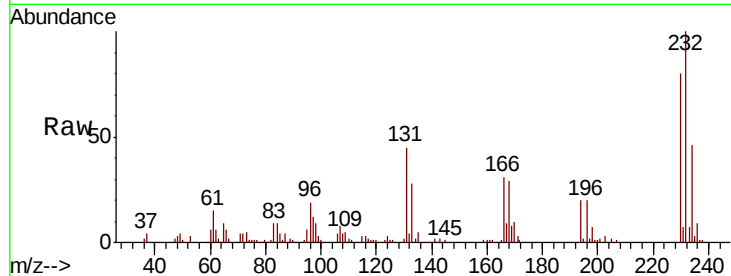




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 11.065 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

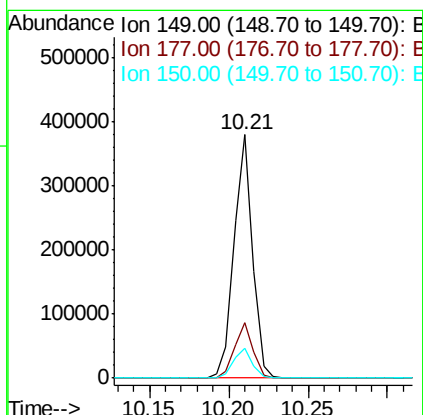
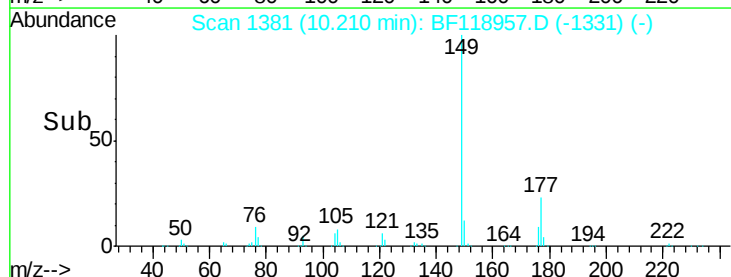
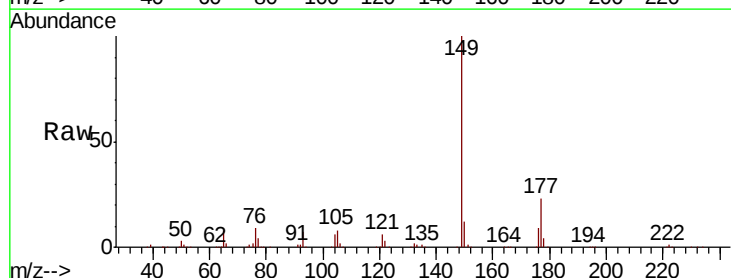
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 78541
 Ion Ratio Lower Upper
 232 100
 131 40.3 34.0 51.0
 130 1.7 1.6 2.4
 166 26.8 23.6 35.4



#60
 Diethylphthalate
 Concen: 11.491 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

Tgt Ion:149 Resp: 307709
 Ion Ratio Lower Upper
 149 100
 177 22.8 18.1 27.1
 150 12.5 10.4 15.6

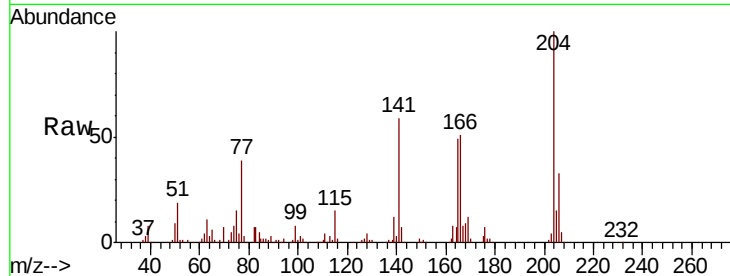




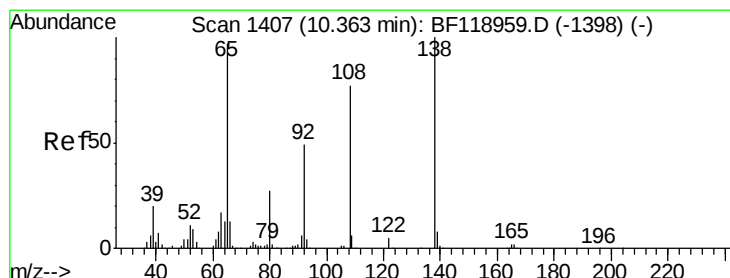
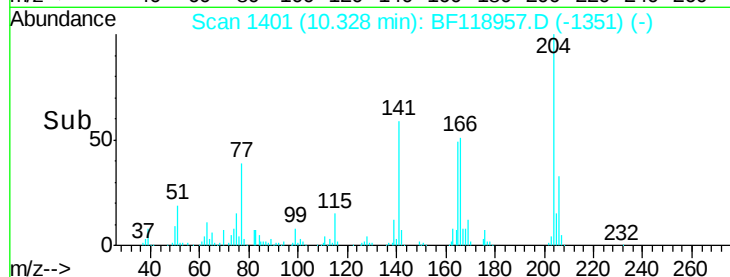
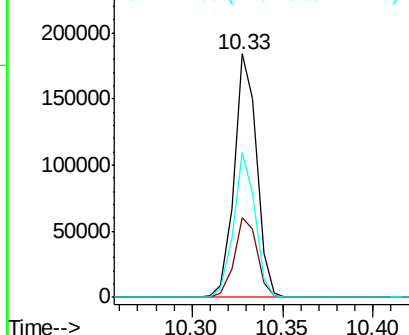
#61
4-Chlorophenyl-phenylether
Concen: 12.357 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 158712
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 59.4 49.5 74.3

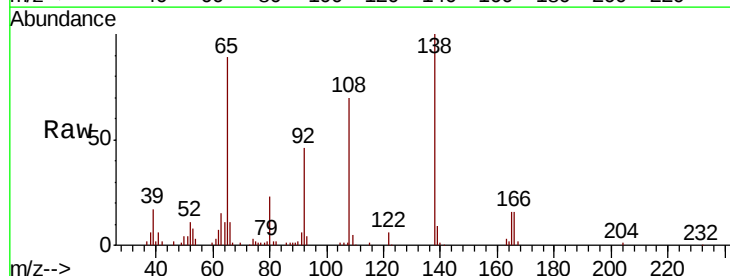


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

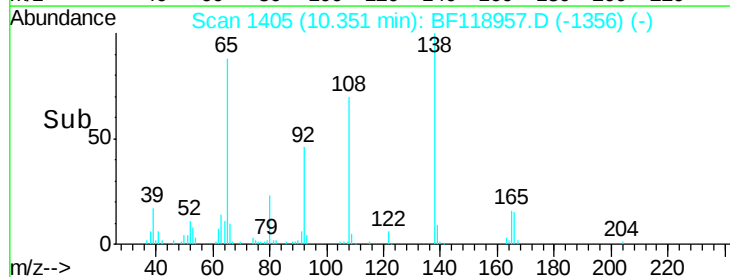
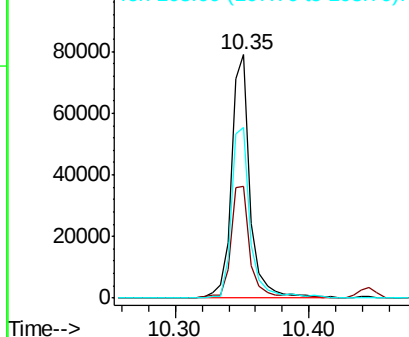


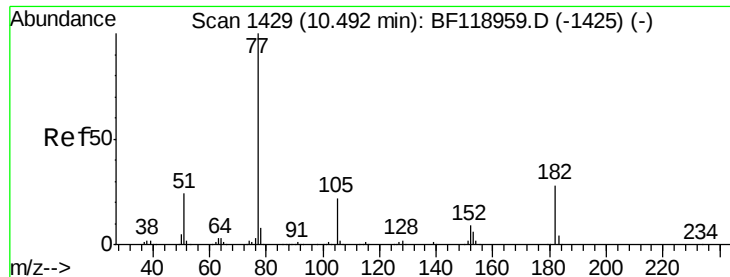
#62
4-Nitroaniline
Concen: 10.738 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion:138 Resp: 77193
Ion Ratio Lower Upper
138 100
92 45.8 28.7 68.7
108 70.0 56.8 96.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

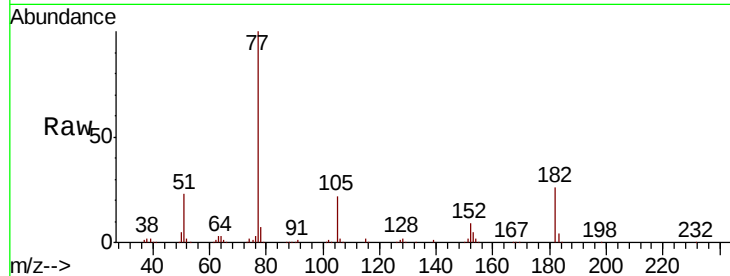




#63
Azobenzene
Concen: 11.474 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.9	8.2	48.2	
105	21.6	2.3	42.3	
51	22.6	3.6	43.6	



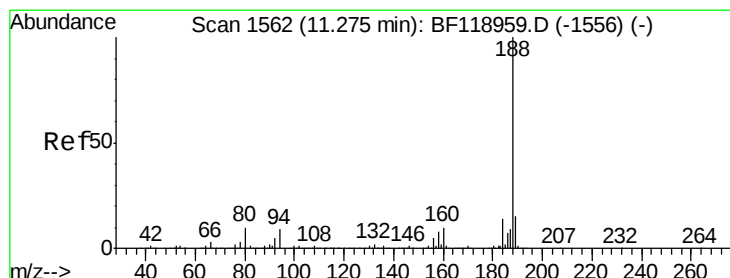
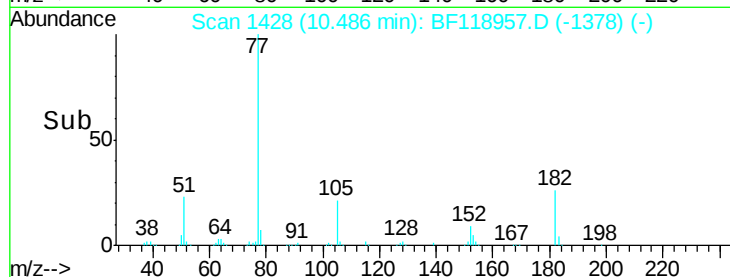
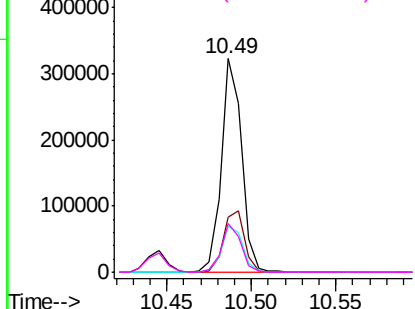
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

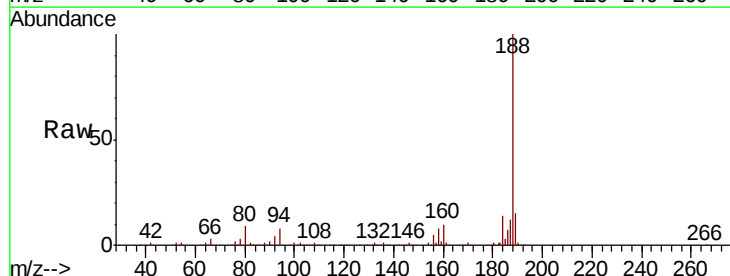
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	7.0	10.6	
80	8.9	7.9	11.9	

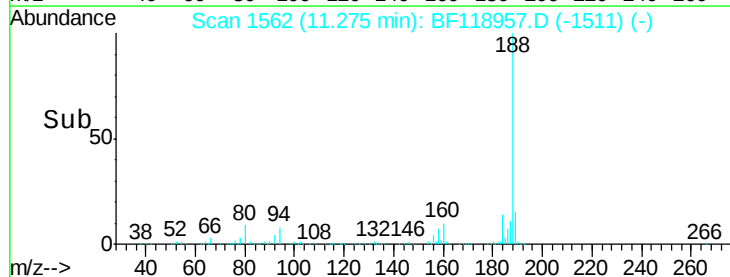
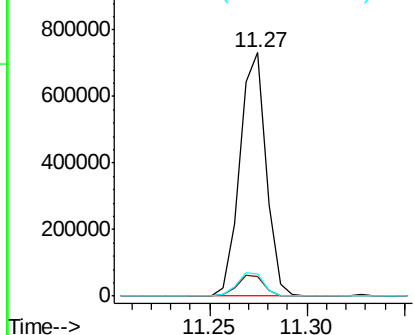


Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

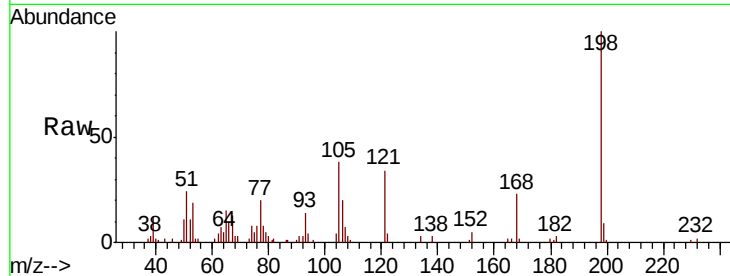




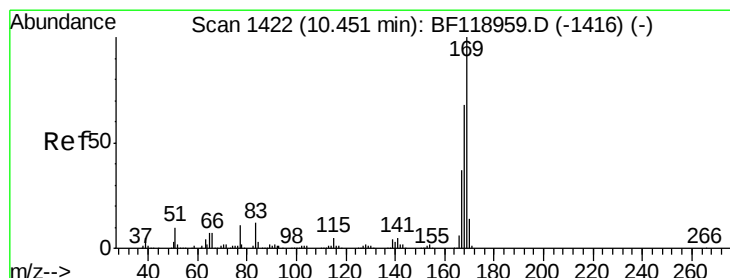
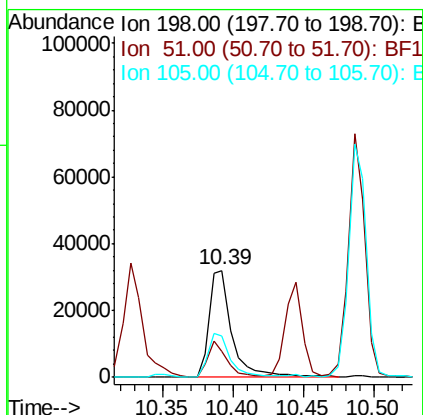
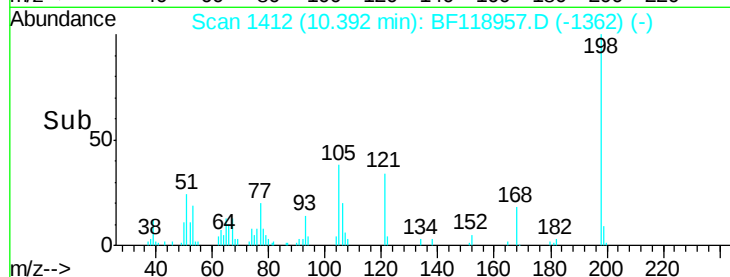
#65
4,6-Dinitro-2-methylphenol
Concen: 8.546 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 36080
Ion Ratio Lower Upper
198 100
51 23.9 7.1 47.1
105 38.2 18.3 58.3

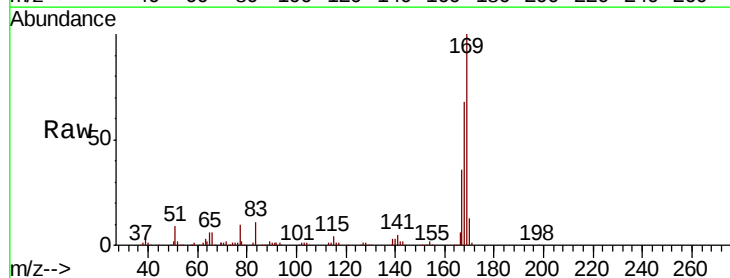


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

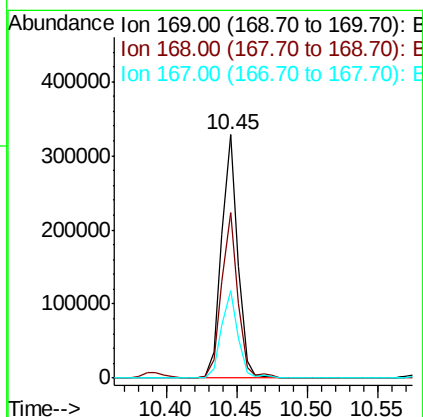
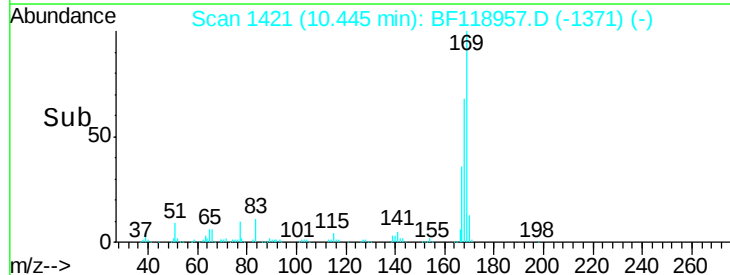


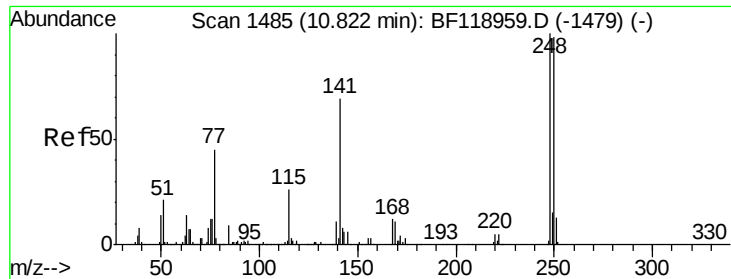
#66
n-Nitrosodiphenylamine
Concen: 12.152 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion:169 Resp: 263616
Ion Ratio Lower Upper
169 100
168 67.9 54.2 81.2
167 35.7 29.4 44.2



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

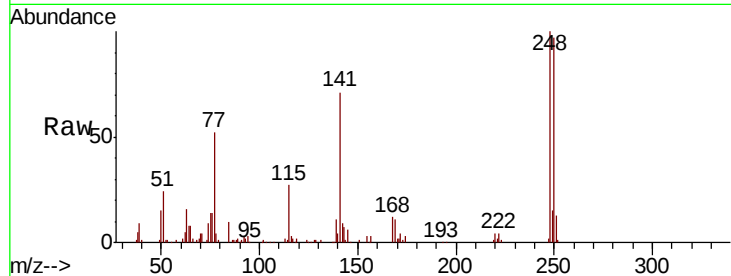




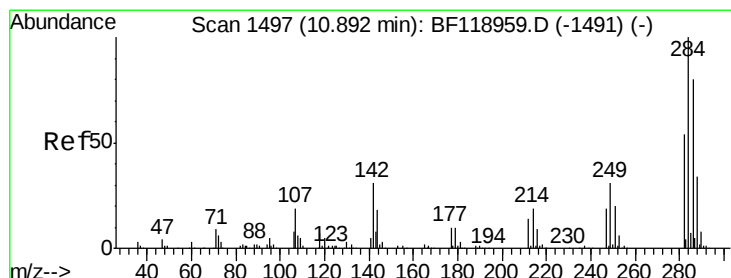
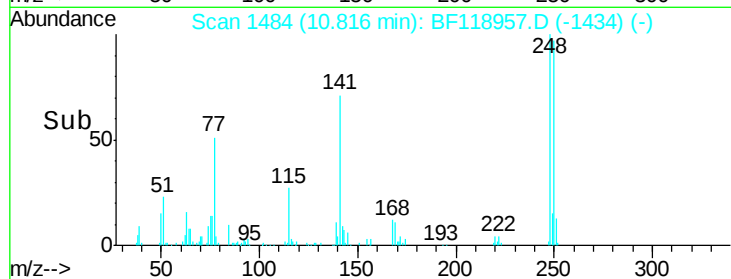
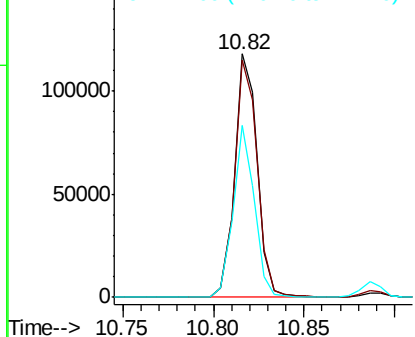
#67
4-Bromophenyl-phenylether
Concen: 11.592 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 101943
Ion Ratio Lower Upper
248 100
250 97.5 78.8 118.2
141 70.8 55.3 82.9

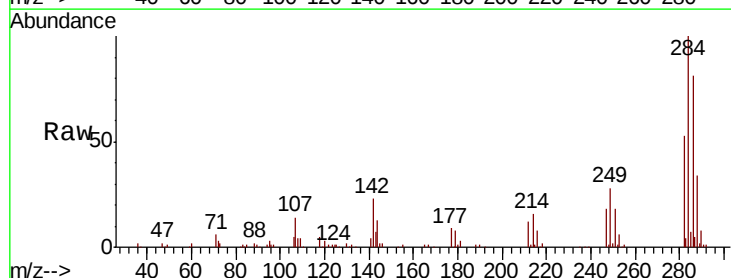


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

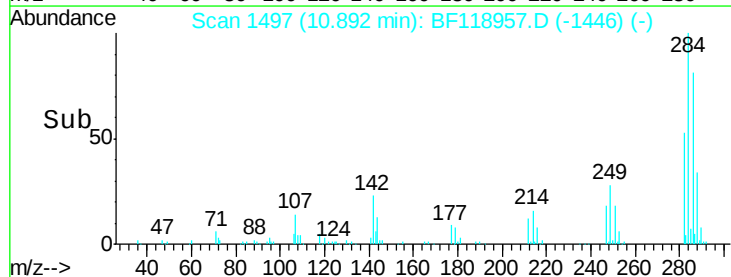
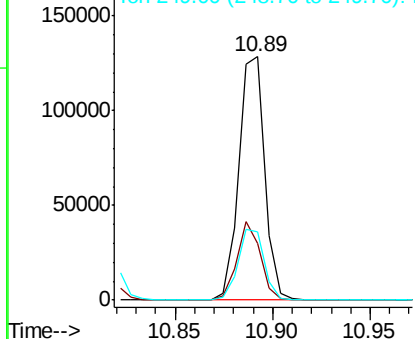


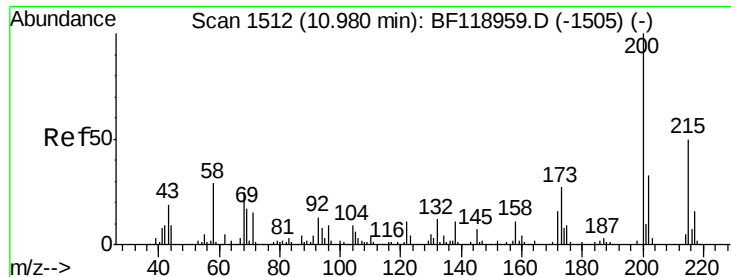
#68
Hexachlorobenzene
Concen: 11.734 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion:284 Resp: 118139
Ion Ratio Lower Upper
284 100
142 23.1 25.0 37.6#
249 28.1 25.0 37.4



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

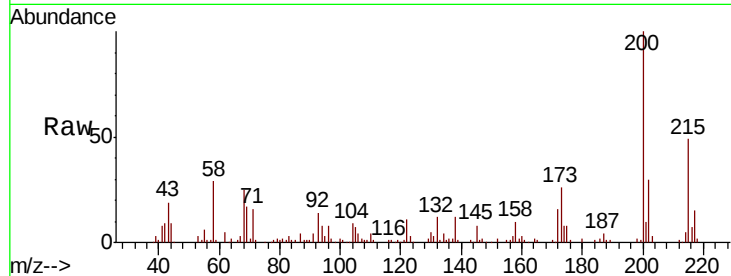




#69
Atrazine
Concen: 12.133 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	6.9	46.9
215	48.7	29.7	69.7

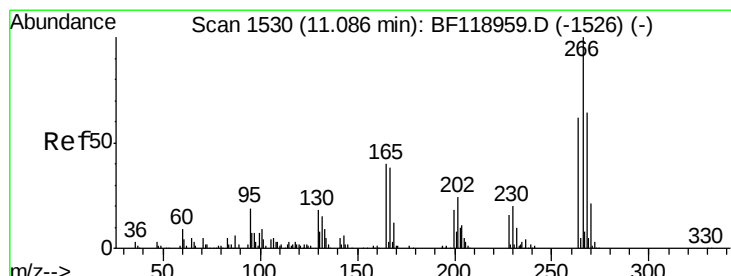
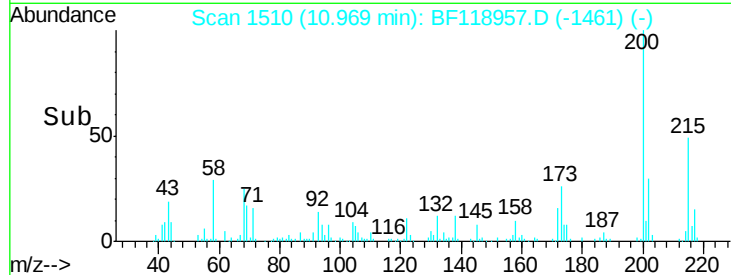
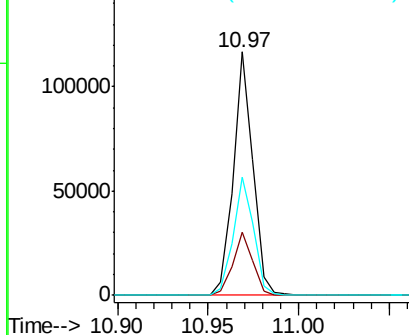


Abundance

Ion 200.00 (199.70 to 200.70): E

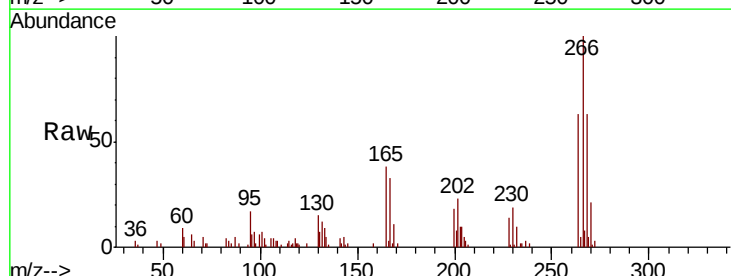
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 8.068 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.4	77.0
264	62.7	49.5	74.3

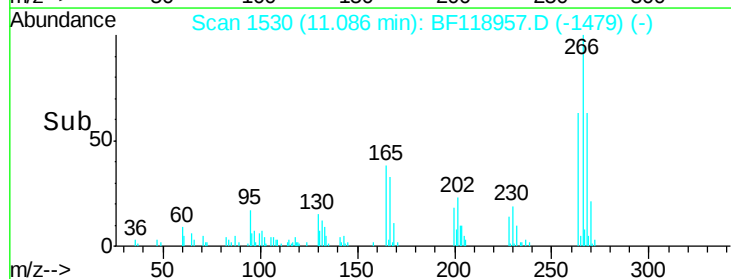
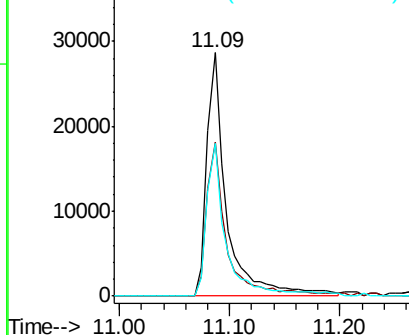


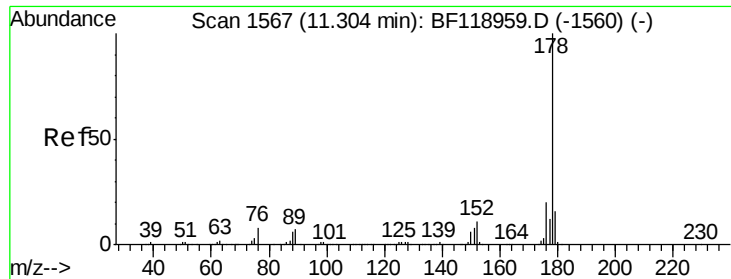
Abundance

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

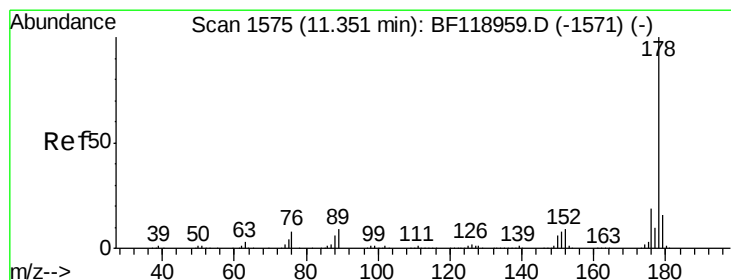
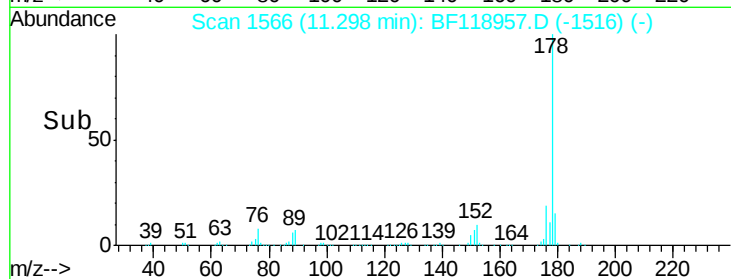
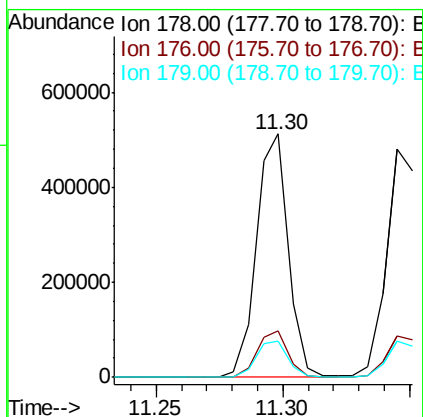
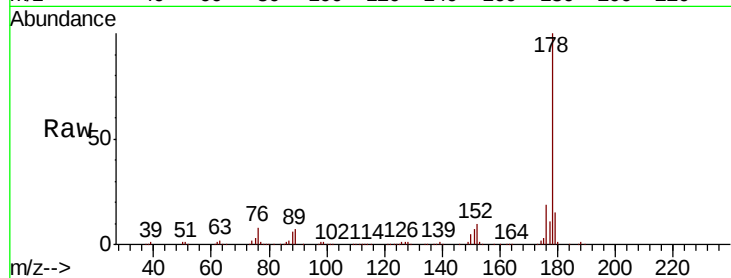




#71
Phenanthrene
Concen: 12.474 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

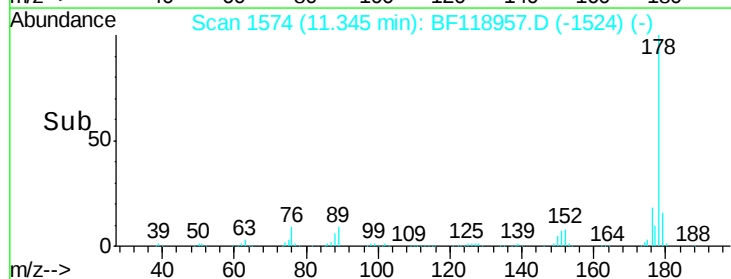
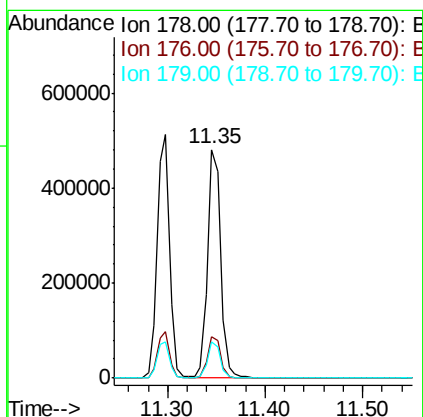
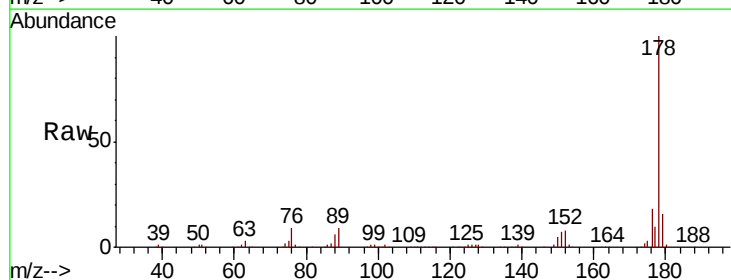
Instrument :
BNA_F
ClientSampleId :

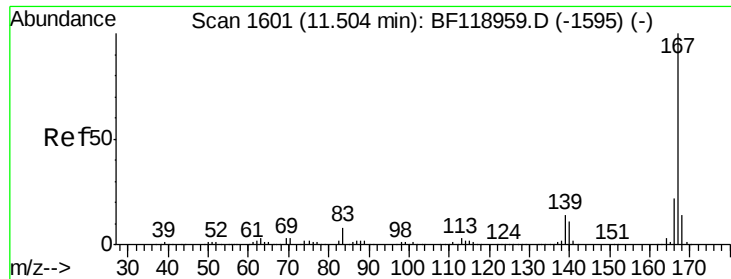
Tot Ion:178 Resp: 448708
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 14.9 12.6 18.8



#72
Anthracene
Concen: 12.583 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion:178 Resp: 452846
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.7 12.8 19.2

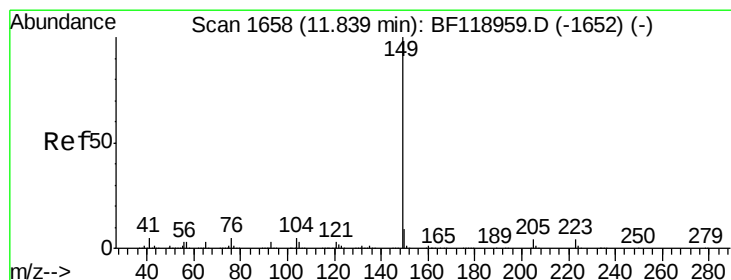
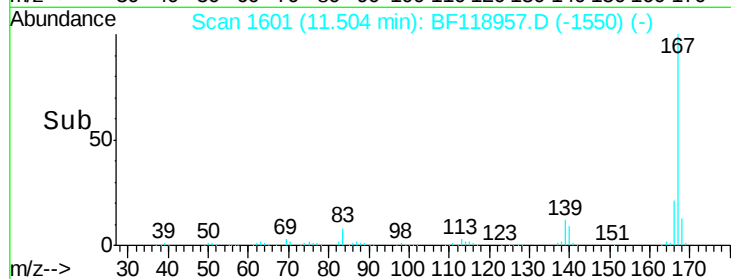
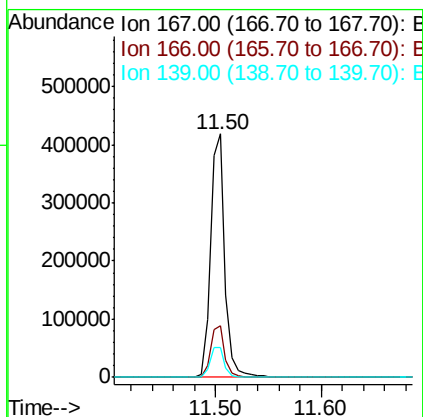
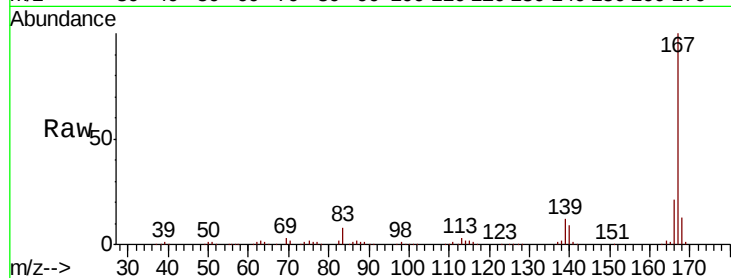




#73
 Carbazole
 Concen: 12.218 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

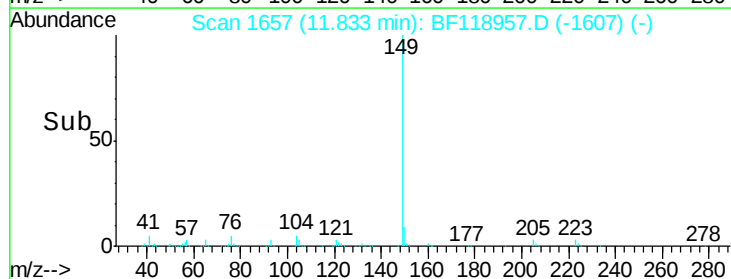
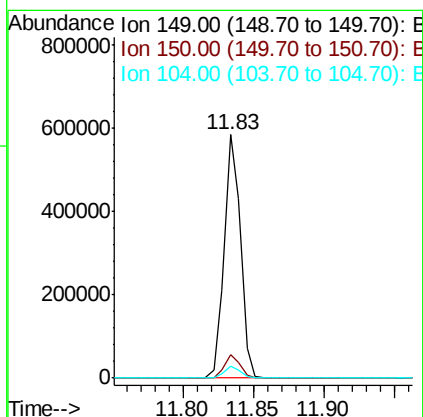
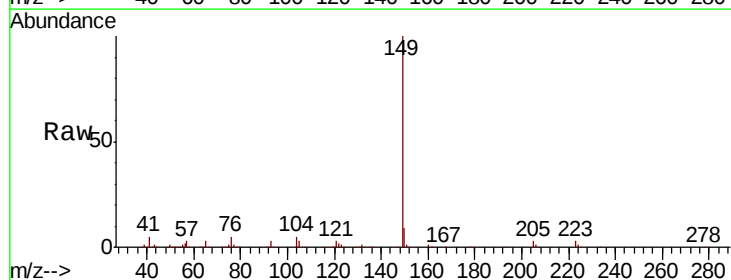
Instrument :
 BNA_F
 ClientSampleId :

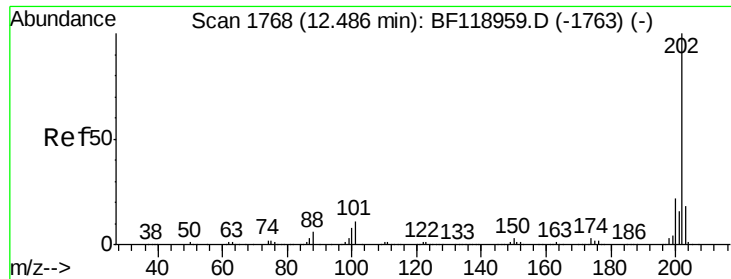
Tot Ion:167 Resp: 394130
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.8 26.6
 139 12.2 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 11.446 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

Tgt Ion:149 Resp: 468462
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 4.0 6.0

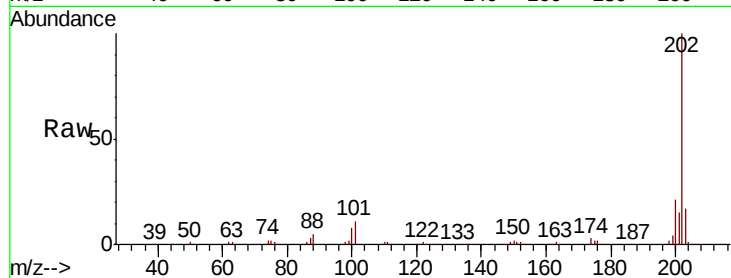




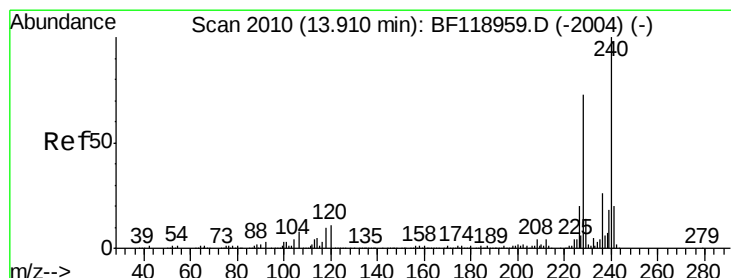
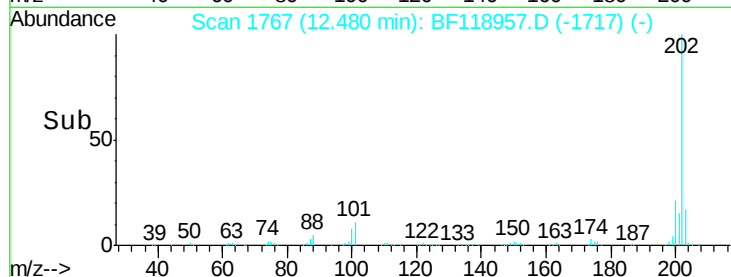
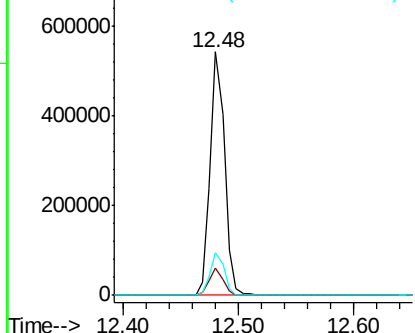
#75
 Fluoranthene
 Concen: 11.848 ng
 RT: 12.48 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.1
203	17.4	0.0	38.1

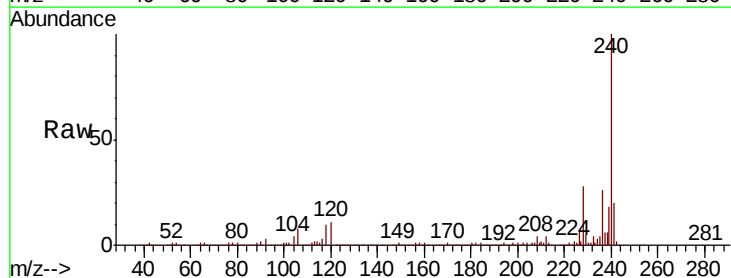


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

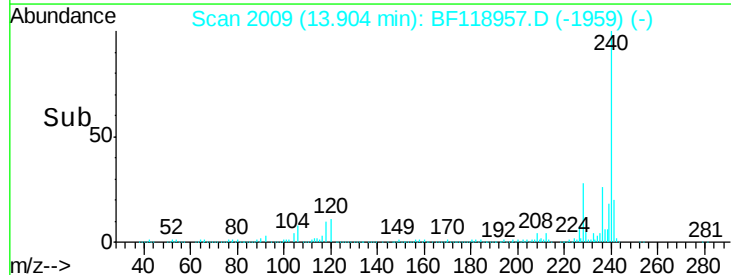
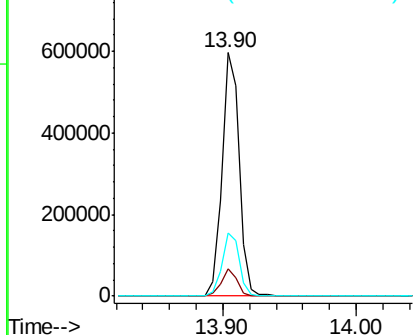


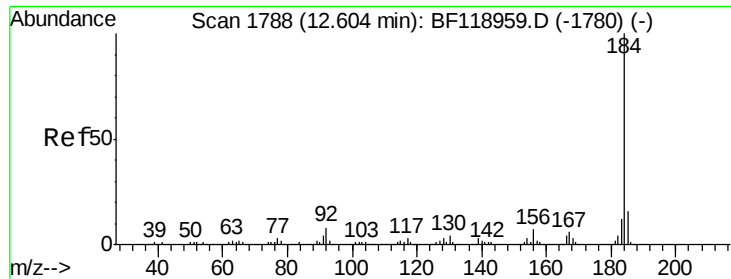
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.1	20.6	30.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.364 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

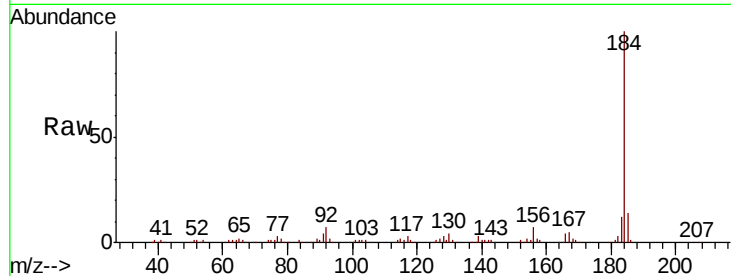
Tot Ion:184 Resp: 249772

Ion Ratio Lower Upper

184 100

185 14.5 12.6 19.0

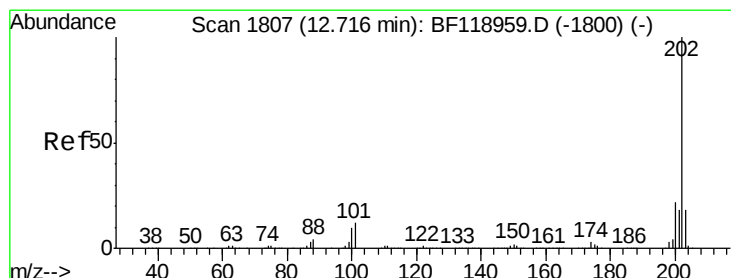
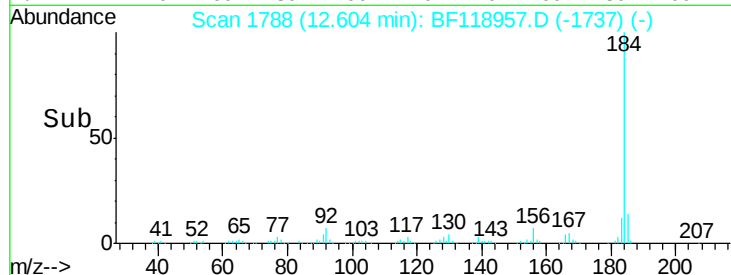
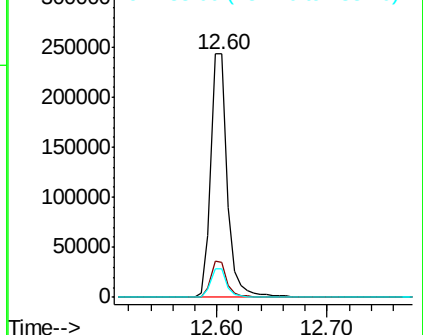
183 11.8 9.9 14.9



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



#78

Pyrene

Concen: 12.499 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

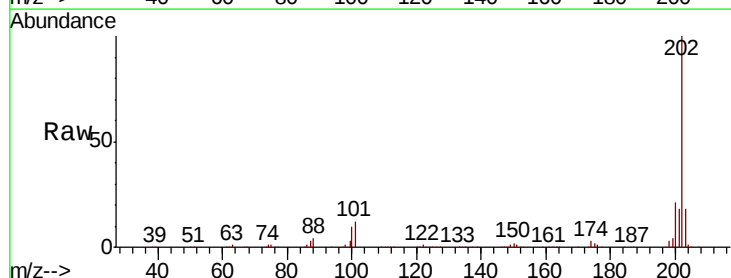
Tgt Ion:202 Resp: 489913

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.0

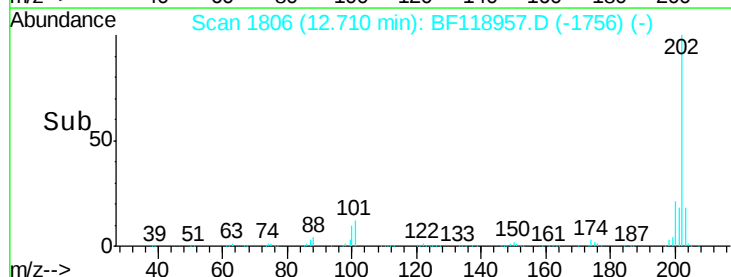
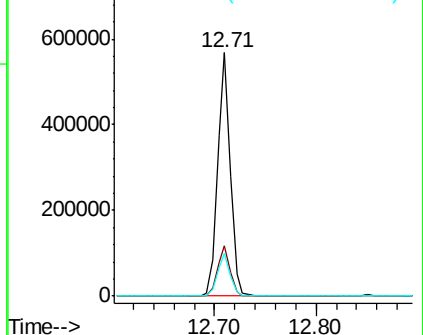
203 17.8 14.5 21.7



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





#79

Terphenyl-d14

Concen: 27.714 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

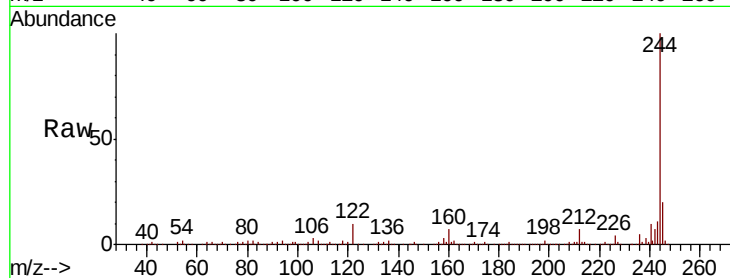
Tot Ion:244 Resp: 764848

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

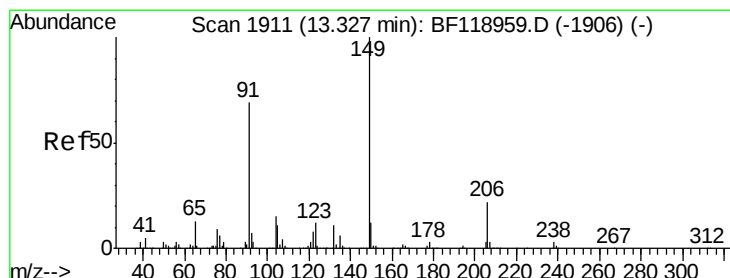
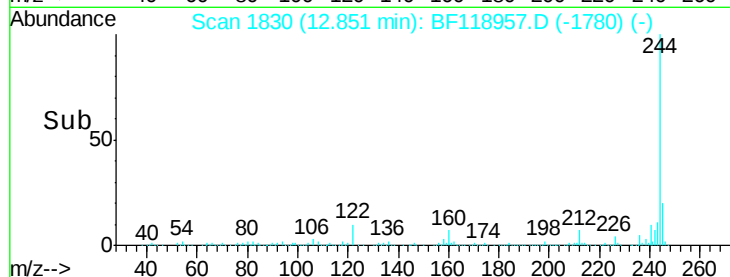
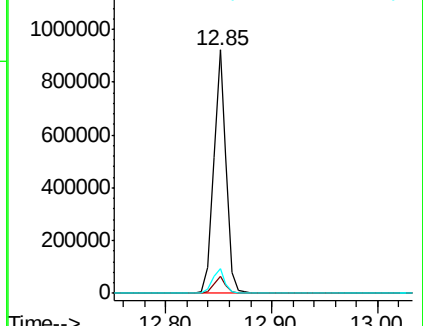
122 10.0 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 10.560 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

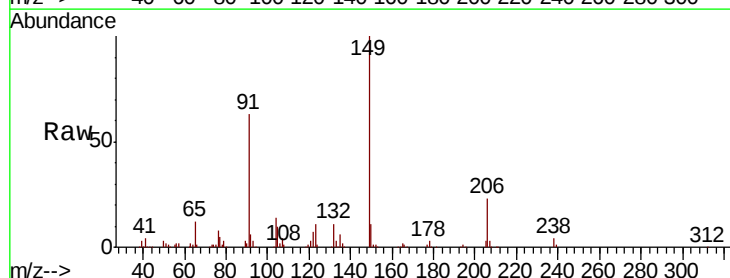
Tgt Ion:149 Resp: 181381

Ion Ratio Lower Upper

149 100

91 63.5 55.4 83.2

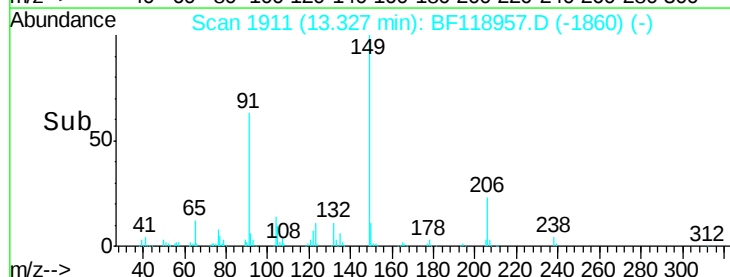
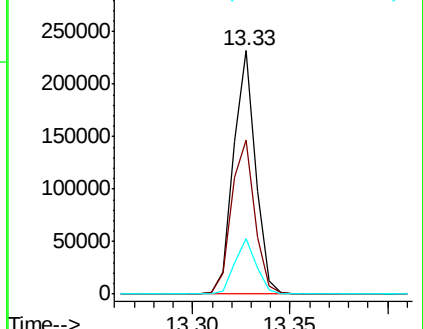
206 22.6 17.7 26.5



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





#81

Benzo(a)anthracene

Concen: 12.946 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

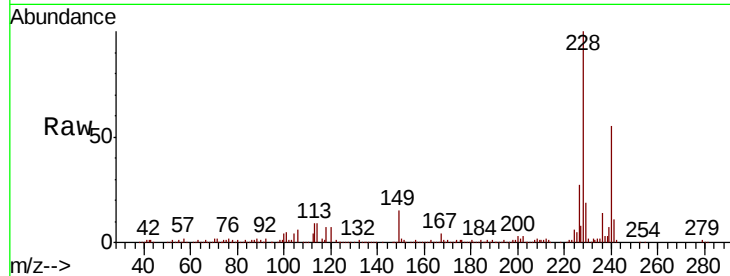
Tot Ion:228 Resp: 430864

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

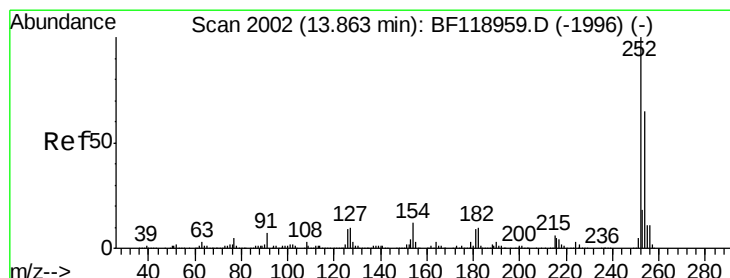
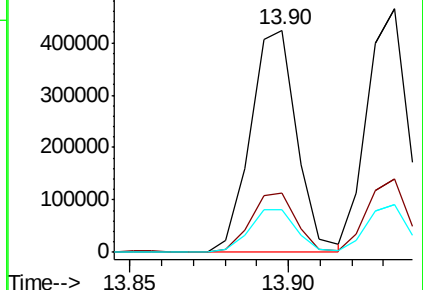
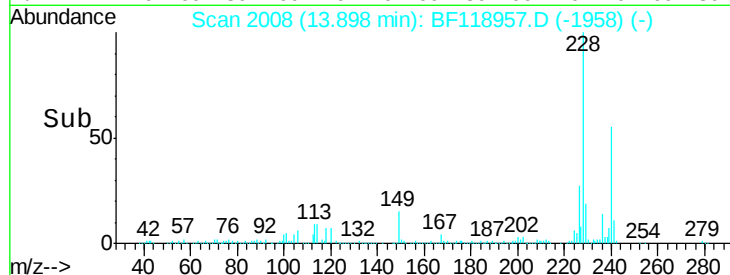
229 19.4 16.0 24.0



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



#82

3,3'-Dichlorobenzidine

Concen: 12.112 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

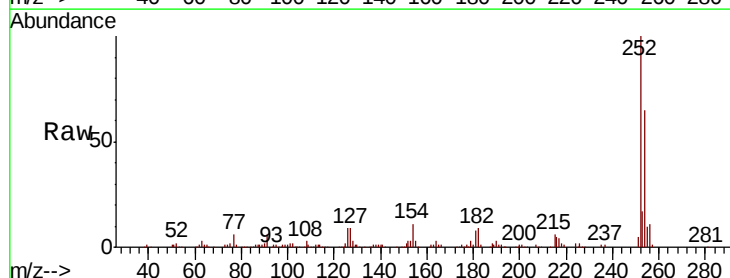
Tgt Ion:252 Resp: 156858

Ion Ratio Lower Upper

252 100

254 65.4 52.1 78.1

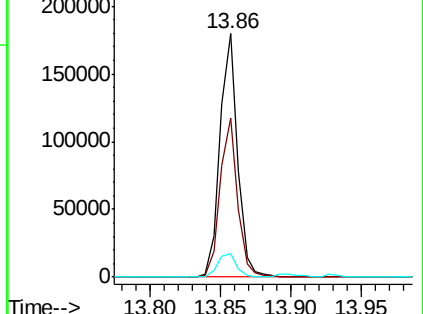
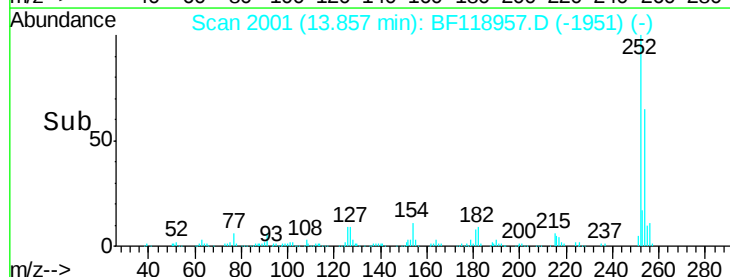
126 9.5 7.3 10.9

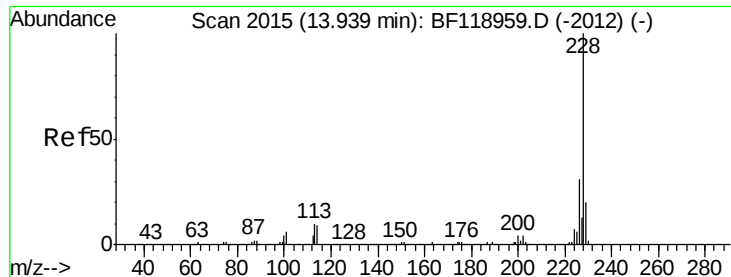


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

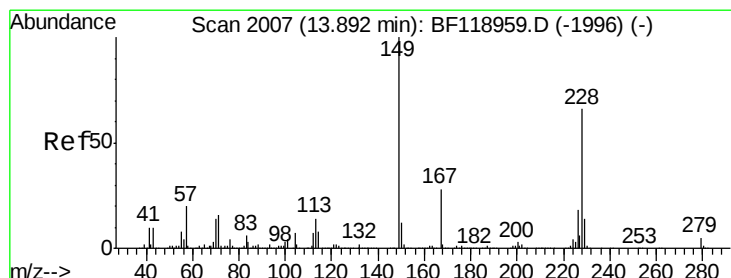
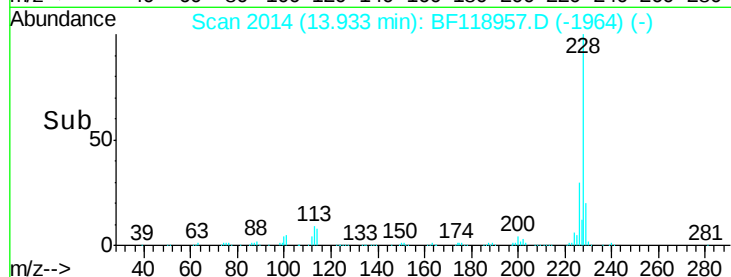
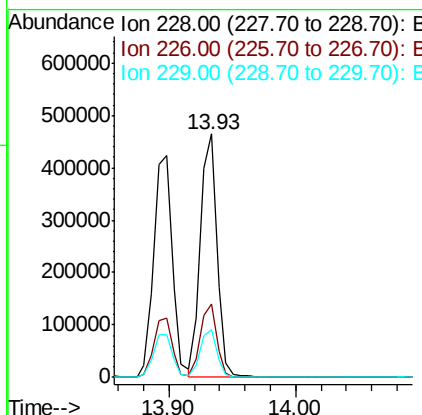
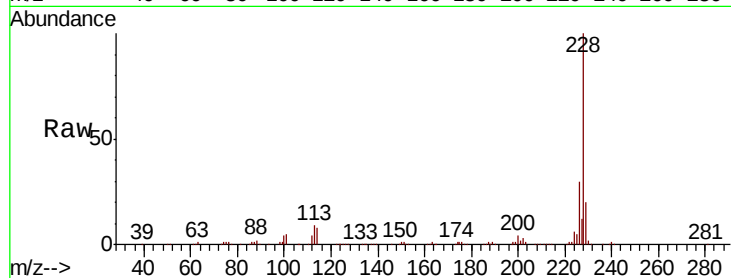




#83
 Chrvsene
 Concen: 12.646 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

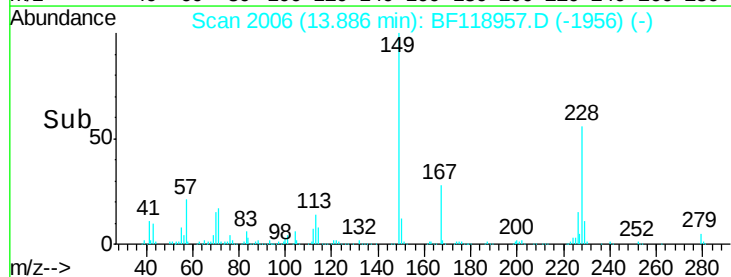
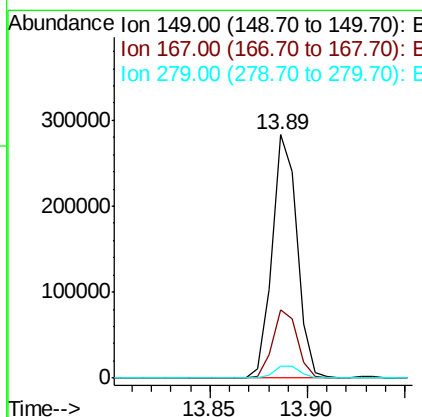
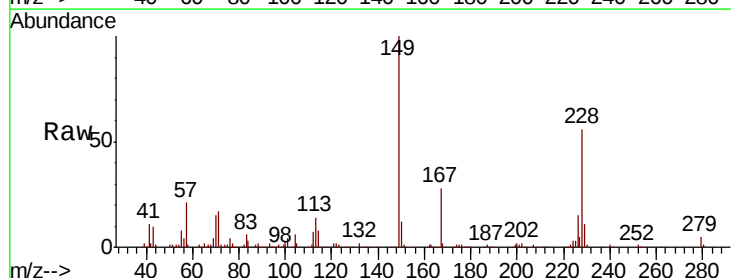
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 421956
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.6 37.0
 229 19.8 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.528 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF118957.D
 Acq: 20 Feb 2020 13:08

Tgt Ion:149 Resp: 250898
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.3 33.5
 279 4.7 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 10.998 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

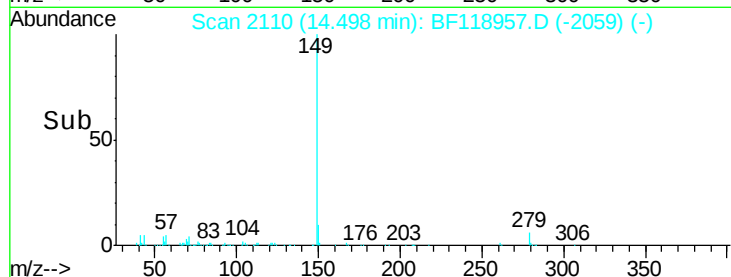
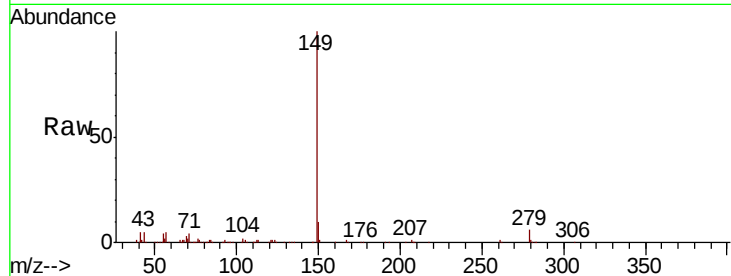
Tot Ion:149 Resp: 385916

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

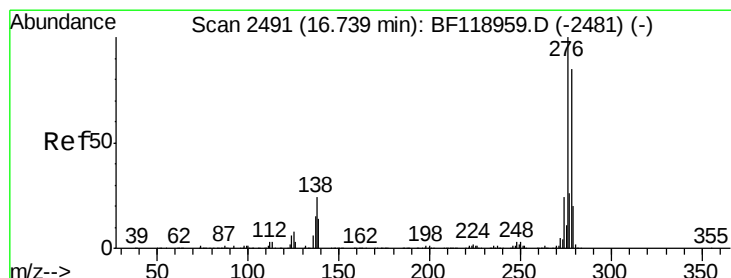
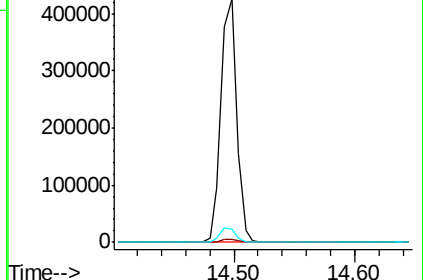
43 6.1 5.2 7.8



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 11.047 ng

RT: 16.73 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

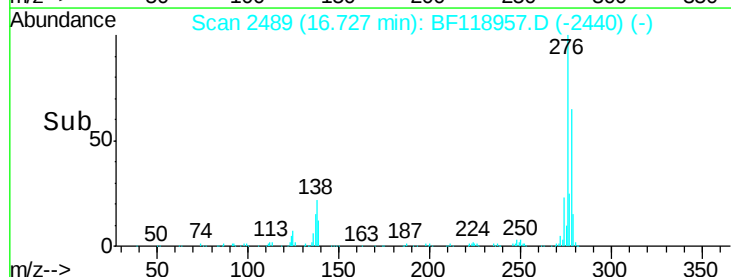
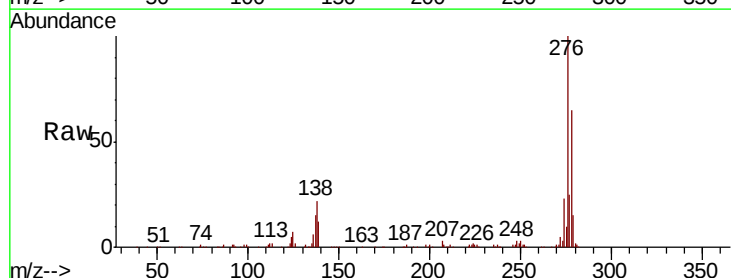
Tgt Ion:276 Resp: 362770

Ion Ratio Lower Upper

276 100

138 22.6 18.7 28.1

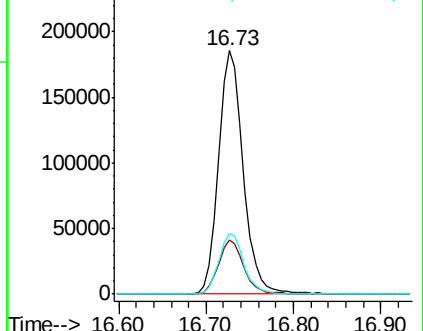
277 24.8 20.3 30.5

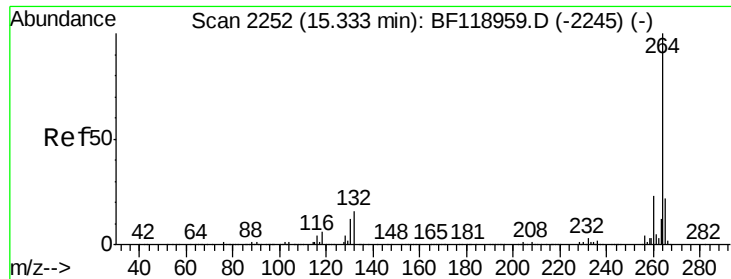


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



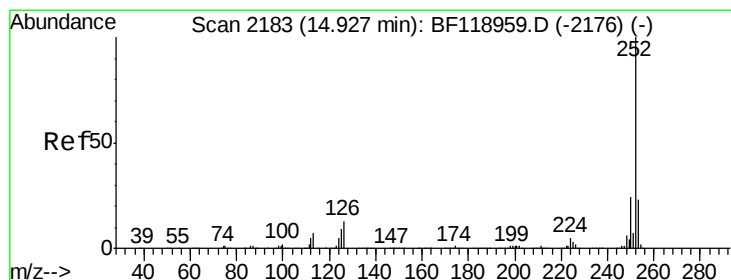
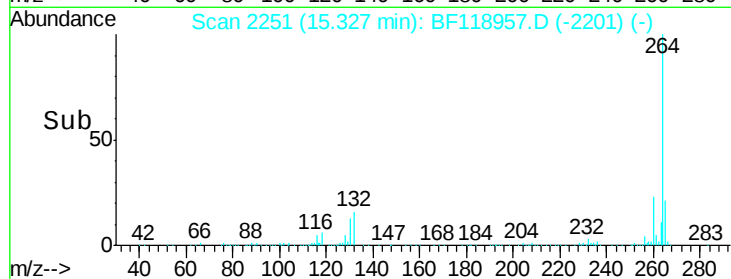
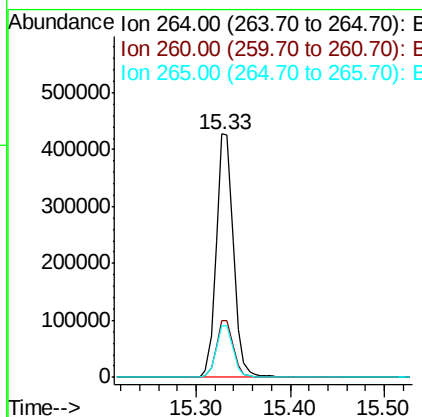
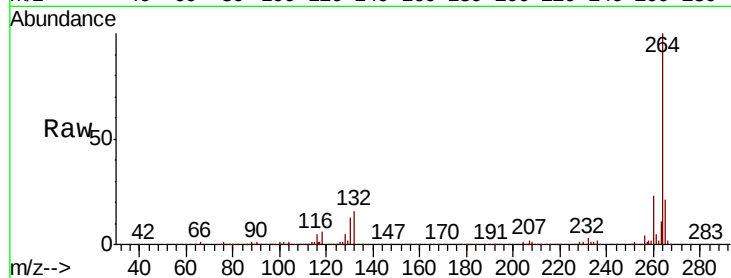


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 549360

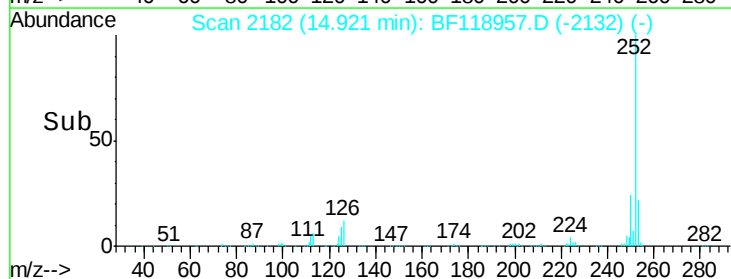
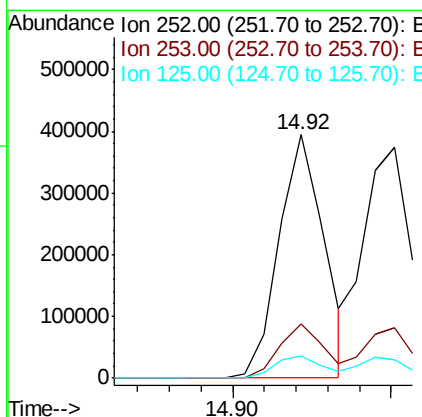
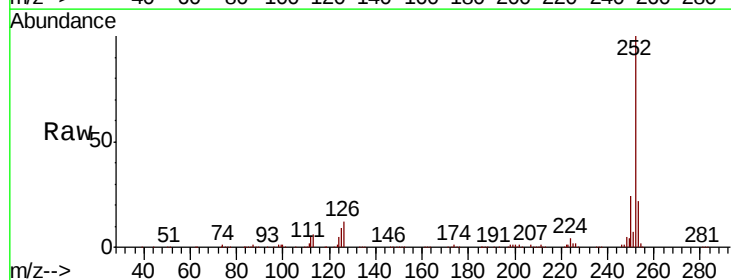
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.3	17.3	25.9

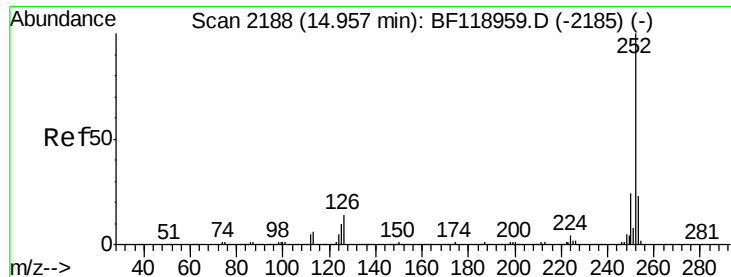


#88
Benzo(b)fluoranthene
Concen: 10.572 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion:252 Resp: 391507

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	8.9	7.4	11.0

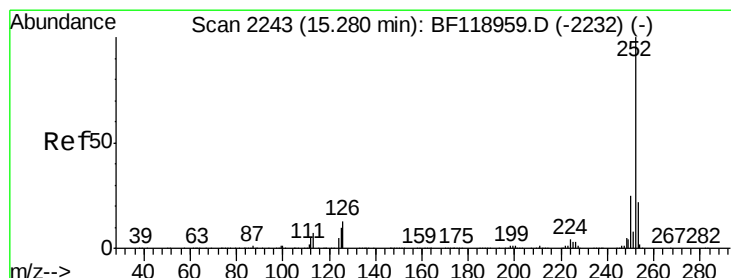
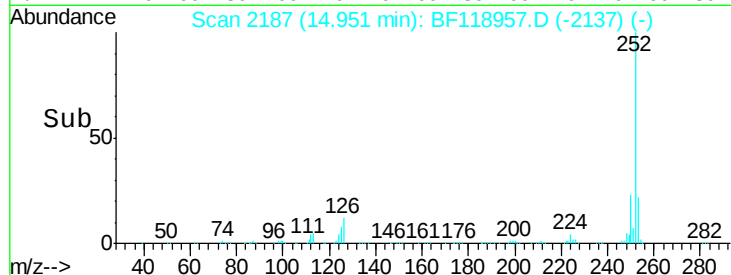
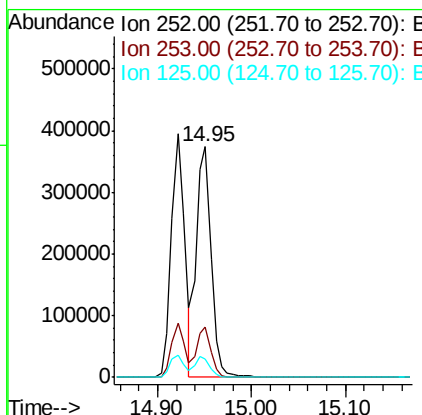
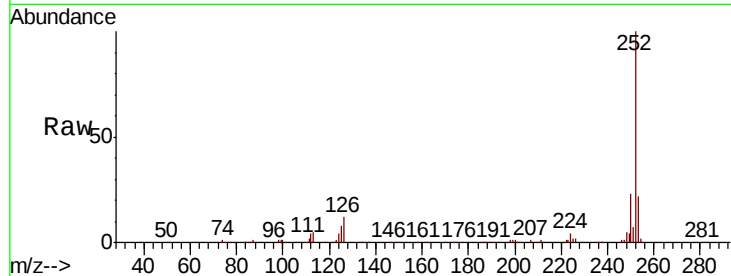




#89
Benzo(k)fluoranthene
Concen: 12.437 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

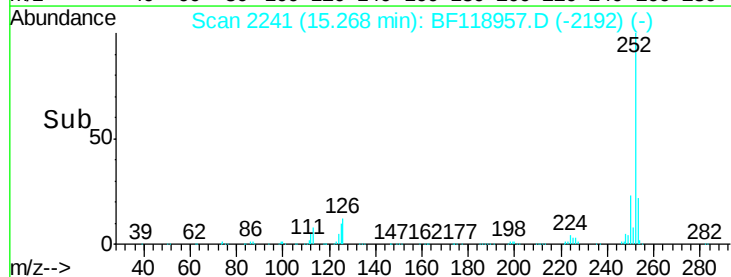
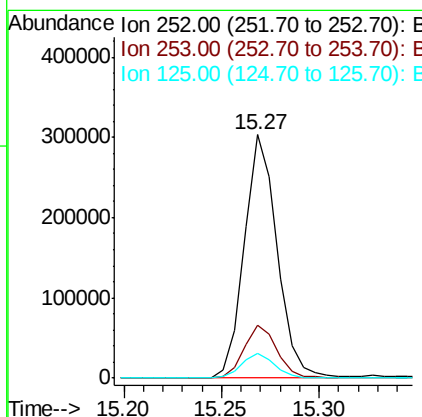
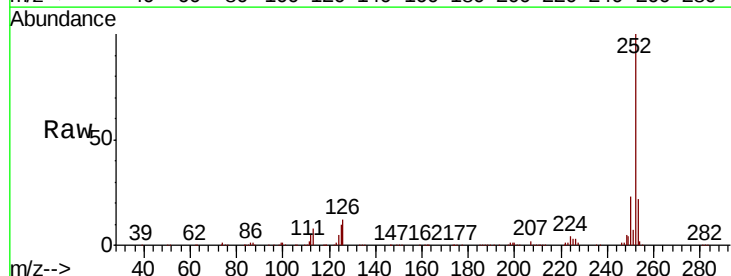
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	7.9	7.3	10.9



#90
Benzo(a)pyrene
Concen: 11.072 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF118957.D
Acq: 20 Feb 2020 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	10.3	7.8	11.6





#91

Dibenzo(a,h)anthracene

Concen: 10.413 ng

RT: 16.73 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

Instrument :

BNA_F

ClientSampleId :

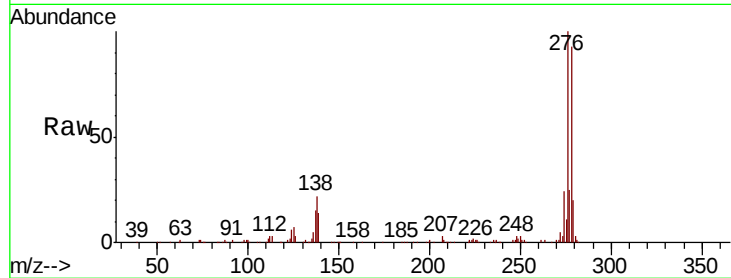
Tot Ion:278 Resp: 301114

Ion Ratio Lower Upper

278 100

139 14.6 12.6 18.8

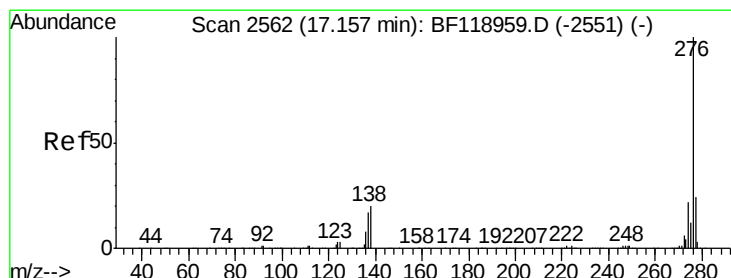
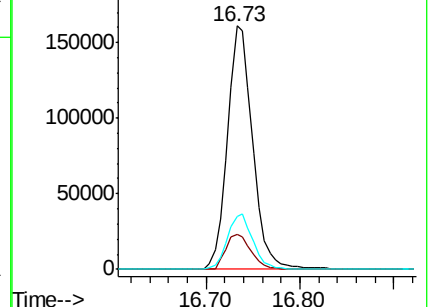
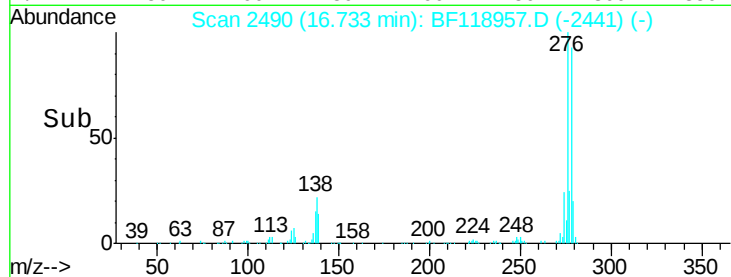
279 21.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 9.897 ng

RT: 17.14 min Scan# 2560

Delta R.T. -0.01 min

Lab File: BF118957.D

Acq: 20 Feb 2020 13:08

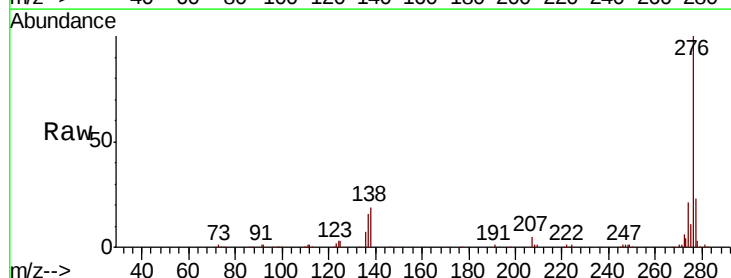
Tgt Ion:276 Resp: 282380

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 19.5 16.2 24.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

