

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118557.D
 Acq On : 17 Jan 2020 12:58
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 13:32:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 12:09:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	438340	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1525416	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	835071	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	1463812	20.00	ng	0.00
76) Chrysene-d12	14.06	240	872334	20.00	ng	0.00
87) Perylene-d12	15.52	264	841380	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	3383761	132.15	ng	0.00
7) Phenol-d6	6.53	99	4405342	143.00	ng	0.01
23) Nitrobenzene-d5	7.46	82	4082655	163.90	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1391130	137.34	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	6099261	117.82	ng	0.00
79) Terphenyl-d14	13.00	244	6353031	120.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	853366	81.928	ng	99
3) Pyridine	3.45	79	2334881	84.939	ng	99
4) n-Nitrosodimethylamine	3.40	42	1091099	114.383	ng	98
6) Aniline	6.55	93	2393398	61.575	ng	96
8) 2-Chlorophenol	6.69	128	1957248	68.190	ng	96
9) Benzaldehyde	6.44	77	933411	65.057	ng	99
10) Phenol	6.54	94	2482776	71.674	ng	89
11) bis(2-Chloroethyl)ether	6.63	93	1927178	73.999	ng	96
12) 1,3-Dichlorobenzene	6.84	146	2269443	68.219	ng	99
13) 1,4-Dichlorobenzene	6.92	146	2263165	67.893	ng	99
14) 1,2-Dichlorobenzene	7.07	146	2076814	67.248	ng	97
15) Benzyl Alcohol	7.04	79	1817465	82.772	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	2823822	104.713	ng	98
17) 2-Methylphenol	7.15	107	1671163	74.617	ng	100
18) Hexachloroethane	7.41	117	859143	72.635	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	1575897	88.427	ng	99
20) 3+4-Methylphenols	7.30	107	1861699	63.850	ng	94
22) Acetophenone	7.31	105	2609444	73.737	ng	99
24) Nitrobenzene	7.48	77	2142087	86.515	ng	99
25) Isophorone	7.72	82	3966173	88.357	ng	99
26) 2-Nitrophenol	7.79	139	957416	65.902	ng	99
27) 2,4-Dimethylphenol	7.83	122	1636183	84.372	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	2501734	80.848	ng	98
29) 2,4-Dichlorophenol	8.03	162	1810357	80.251	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	2008483	78.221	ng	100
31) Naphthalene	8.20	128	4901012	64.045	ng	95
32) Benzoic acid	7.98	122	1254284	89.573	ng	97
33) 4-Chloroaniline	8.25	127	2476042	76.041	ng	98
34) Hexachlorobutadiene	8.32	225	1252910	83.056	ng	99
35) Caprolactam	8.65	113	464036	66.748	ng	96
36) 4-Chloro-3-methylphenol	8.73	107	1744119	74.911	ng	99
37) 2-Methylnaphthalene	8.89	142	3558844	69.568	ng	98
38) 1-Methylnaphthalene	8.99	142	3329921	68.648	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1947400	76.049	ng	100

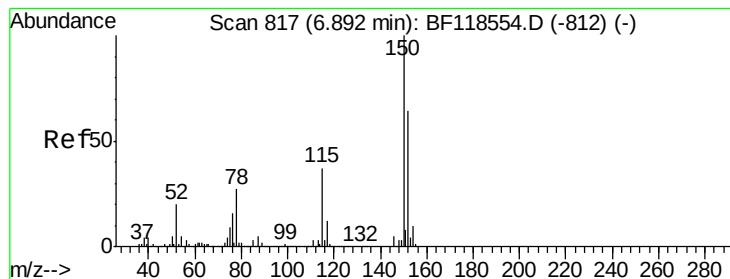
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118557.D
 Acq On : 17 Jan 2020 12:58
 Operator : JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 12:09:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1103683	285.185	ng	97
43) 2,4,6-Trichlorophenol	9.17	196	1334168	80.458	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	1365353	82.449	ng	99
46) 1,1'-Biphenyl	9.36	154	4077817	61.628	ng	96
47) 2-Chloronaphthalene	9.39	162	3557752	66.968	ng	95
48) 2-Nitroaniline	9.47	65	1168198	81.876	ng	90
49) Acenaphthylene	9.80	152	4995158	64.528	ng	95
50) Dimethylphthalate	9.66	163	4144304	67.239	ng	98
51) 2,6-Dinitrotoluene	9.72	165	978578	72.208	ng	95
52) Acenaphthene	9.97	154	3328943	69.895	ng	99
53) 3-Nitroaniline	9.89	138	1075270	68.596	ng	# 96
54) 2,4-Dinitrophenol	9.99	184	368540	72.812	ng	# 1
55) Dibenzofuran	10.15	168	4575496	66.207	ng	94
56) 4-Nitrophenol	10.03	139	806181	112.204	ng	98
57) 2,4-Dinitrotoluene	10.12	165	1216455	70.222	ng	95
58) Fluorene	10.49	166	3460230	61.638	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	1132991	83.664	ng	99
60) Diethylphthalate	10.36	149	3944338	64.225	ng	95
61) 4-Chlorophenyl-phenylether	10.47	204	1926168	68.199	ng	98
62) 4-Nitroaniline	10.50	138	1040227	67.201	ng	99
63) Azobenzene	10.63	77	3822985	75.154	ng	97
65) 4,6-Dinitro-2-methylphenol	10.53	198	519029	67.197	ng	97
66) n-Nitrosodiphenylamine	10.60	169	3364674	70.010	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	1464181	82.975	ng	# 93
68) Hexachlorobenzene	11.03	284	1595110	76.239	ng	99
69) Atrazine	11.12	200	618180	53.637	ng	99
70) Pentachlorophenol	11.22	266	844952	146.333	ng	99
71) Phenanthrene	11.44	178	5044369	64.016	ng	96
72) Anthracene	11.50	178	4965908	63.230	ng	95
73) Carbazole	11.64	167	4607151	65.663	ng	96
74) Di-n-butylphthalate	11.98	149	5179322	57.073	ng	97
75) Fluoranthene	12.63	202	4958839	62.996	ng	97
77) Benzidine	12.74	184	1741076	89.421	ng	96
78) Pyrene	12.86	202	5003021	67.873	ng	97
80) Butylbenzylphthalate	13.47	149	2195508	66.540	ng	96
81) Benzo(a)anthracene	14.04	228	4009113	66.303	ng	97
82) 3,3'-Dichlorobenzidine	14.00	252	1344683	65.497	ng	99
83) Chrysene	14.09	228	3853905	66.498	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	2577657	58.473	ng	# 97
85) Di-n-octyl phthalate	14.65	149	3997436	60.605	ng	98
86) Indeno(1,2,3-cd)pyrene	17.02	276	4837382	88.823	ng	99
88) Benzo(b)fluoranthene	15.10	252	3917685	72.654	ng	99
89) Benzo(k)fluoranthene	15.13	252	3712161	75.999	ng	98
90) Benzo(a)pyrene	15.47	252	3616295	75.259	ng	97
91) Dibenzo(a,h)anthracene	17.04	278	3880557	88.940	ng	99
92) Benzo(g,h,i)perylene	17.47	276	3934837	92.701	ng	98

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

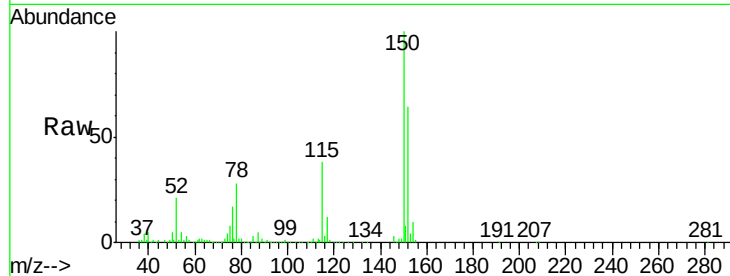


#1

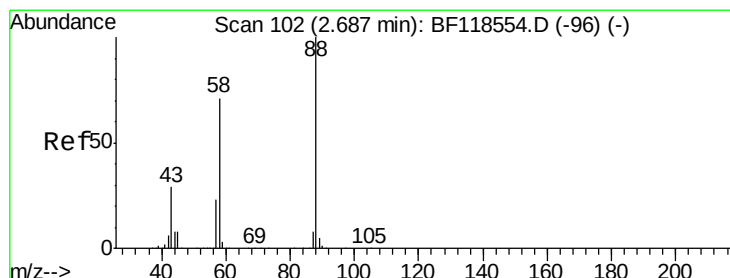
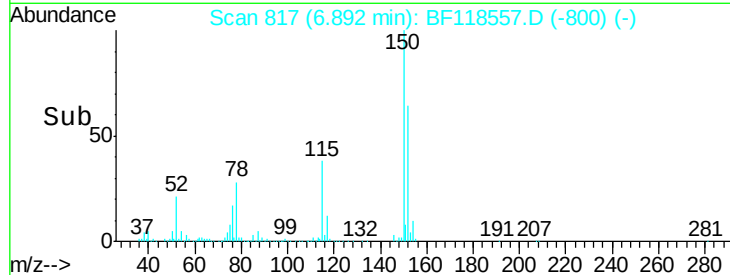
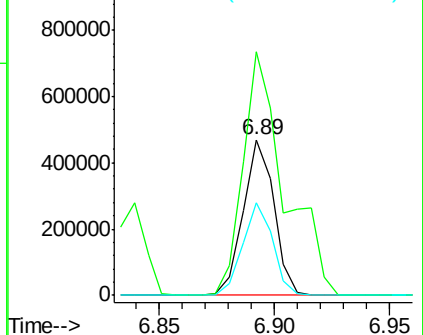
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 438340
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 59.7 45.8 68.6



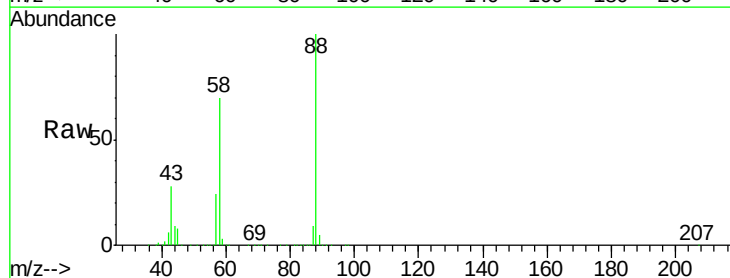
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



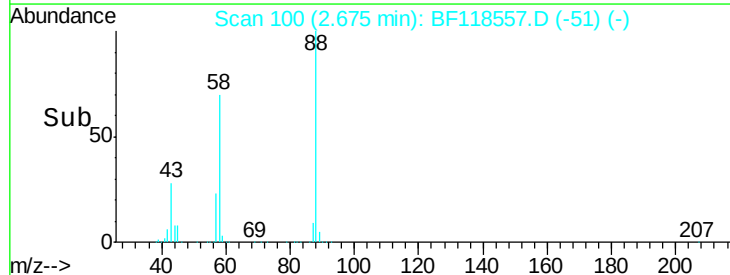
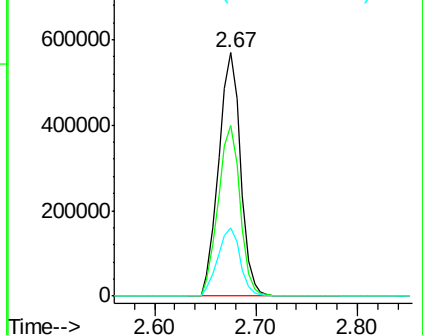
#2

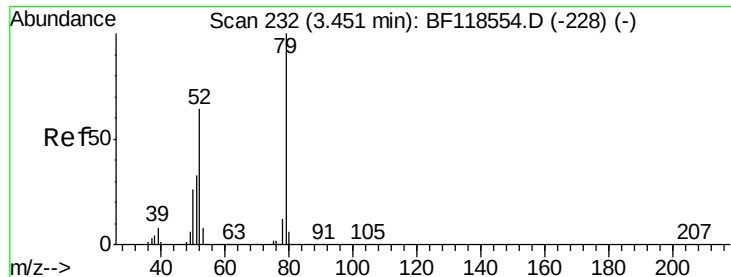
1,4-Dioxane
Concen: 81.928 ng
RT: 2.67 min Scan# 100
Delta R.T. -0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion: 88 Resp: 853366
Ion Ratio Lower Upper
88 100
58 70.3 56.7 85.1
43 28.5 23.3 34.9



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: 84.939 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

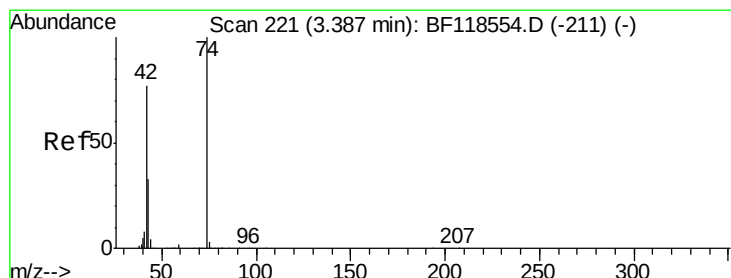
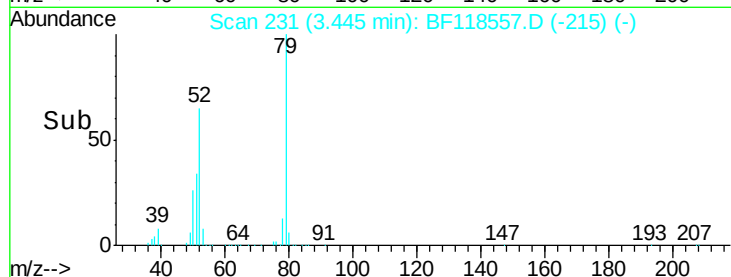
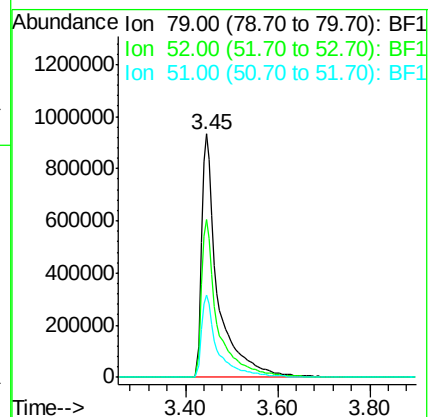
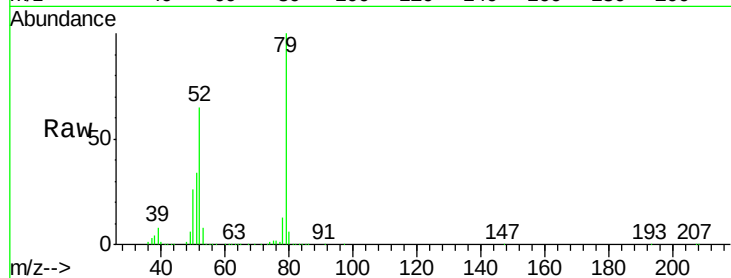
Tot Ion: 79 Resp: 2334881

Ion Ratio Lower Upper

79 100

52 64.9 51.3 76.9

51 34.0 26.7 40.1



#4

n-Nitrosodimethylamine

Concen: 114.383 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

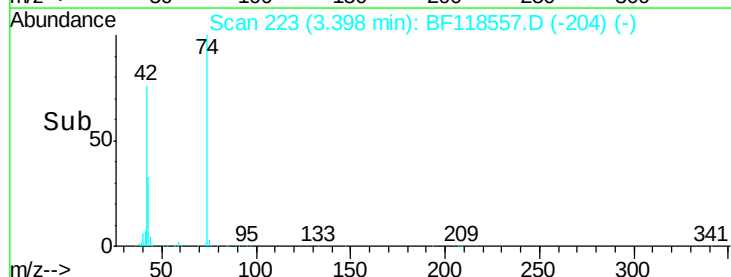
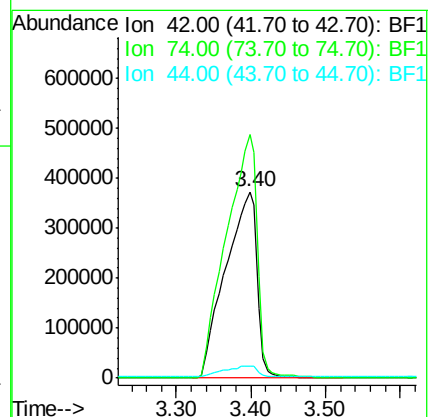
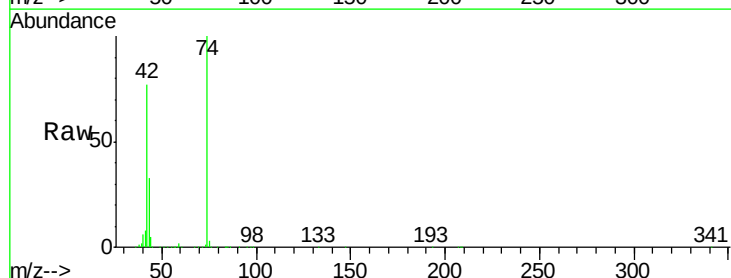
Tgt Ion: 42 Resp: 1091099

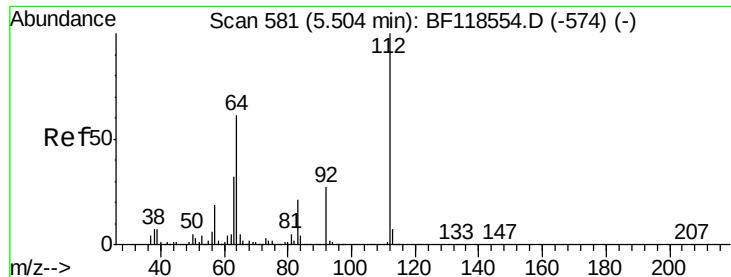
Ion Ratio Lower Upper

42 100

74 130.7 103.1 154.7

44 6.5 5.4 8.2





#5

2-Fluorophenol

Concen: 132.146 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

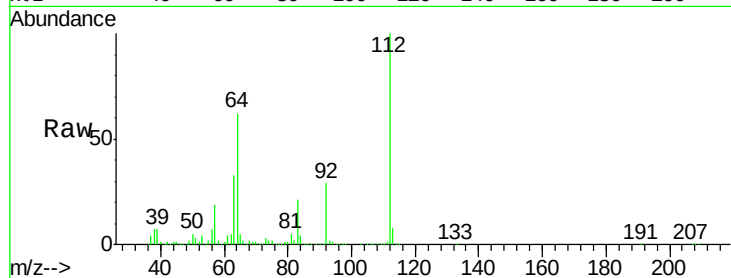
Tot Ion:112 Resp: 3383761

Ion Ratio Lower Upper

112 100

64 61.8 49.1 73.7

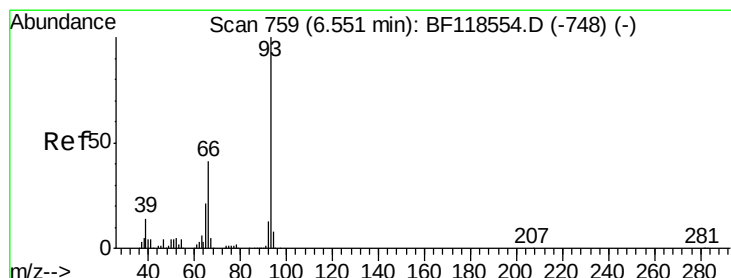
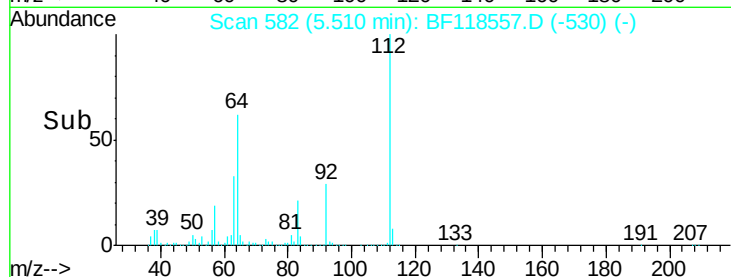
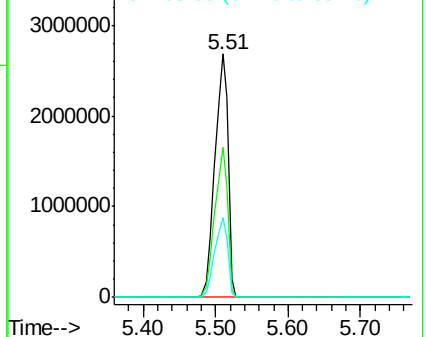
63 33.0 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 61.575 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

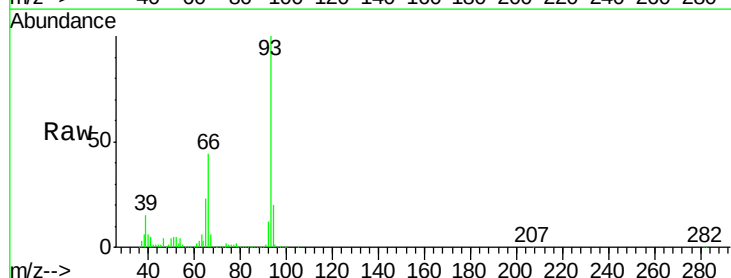
Tgt Ion: 93 Resp: 2393398

Ion Ratio Lower Upper

93 100

66 43.5 32.9 49.3

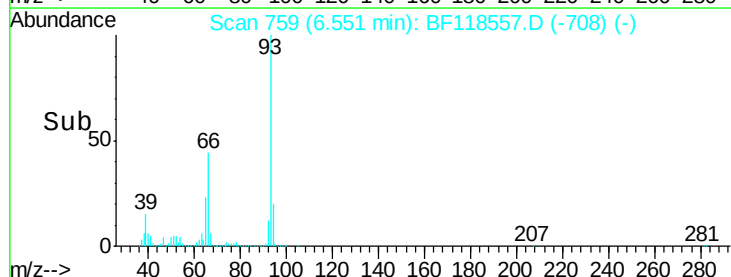
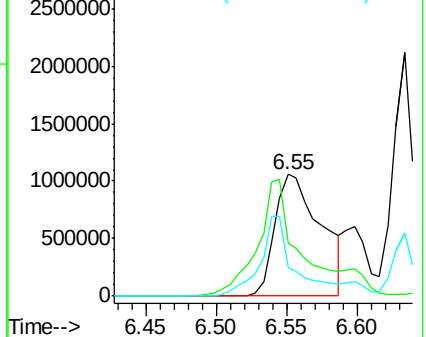
65 23.0 16.5 24.7

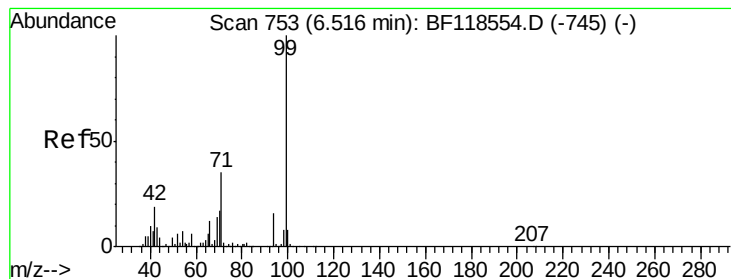


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 142.996 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

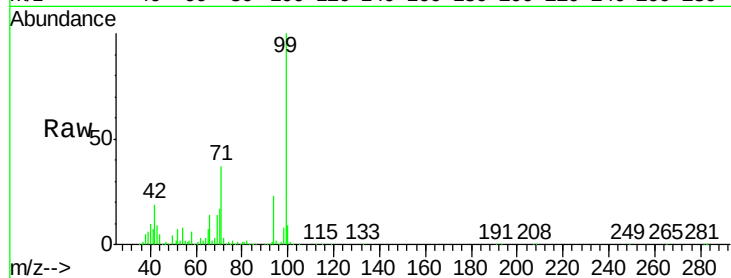
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 4405342

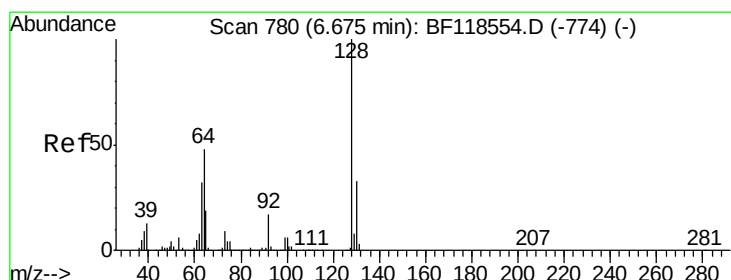
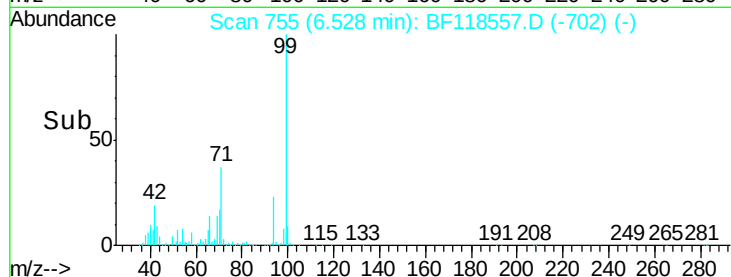
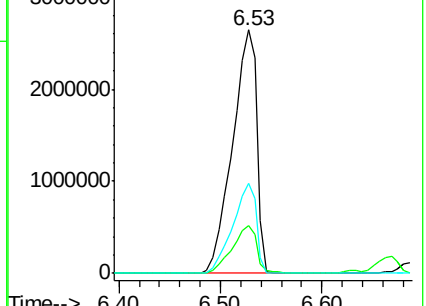
Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.9	22.3
71	36.8	28.3	42.5



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: 68.190 ng

RT: 6.69 min Scan# 782

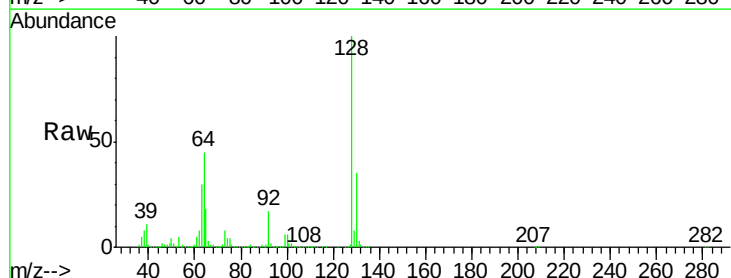
Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Tgt Ion:128 Resp: 1957248

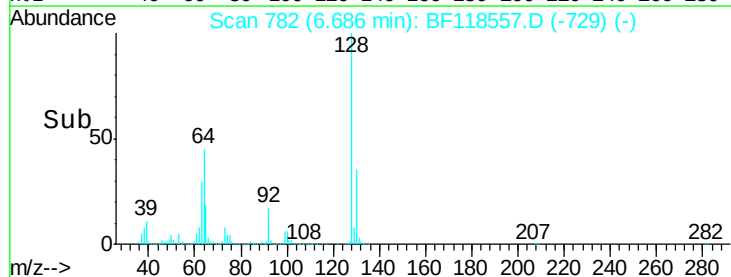
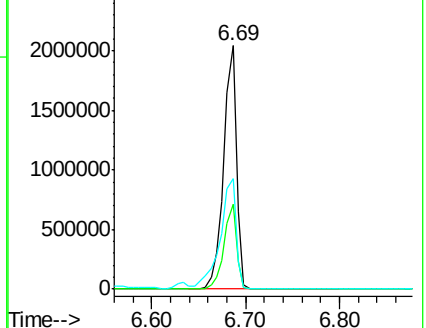
Ion	Ratio	Lower	Upper
128	100		
130	34.9	13.2	53.2
64	45.4	28.9	68.9

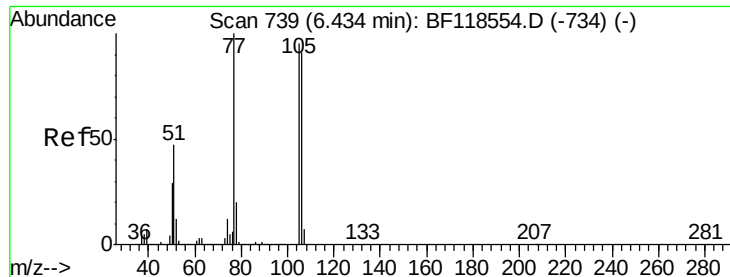


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 65.057 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

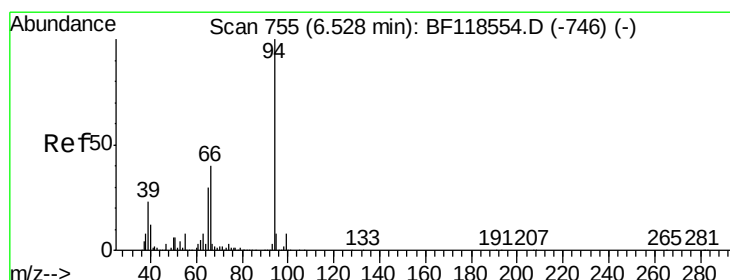
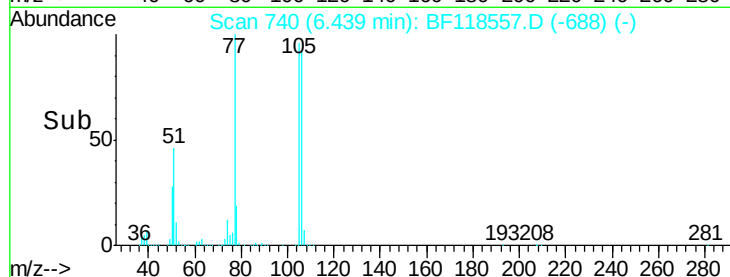
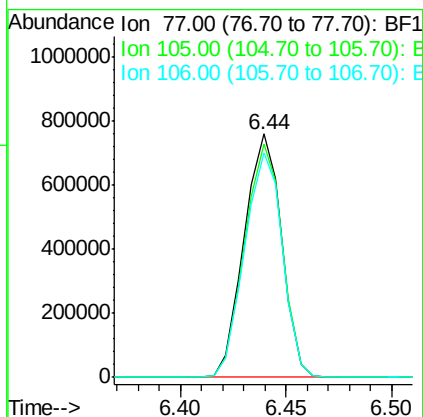
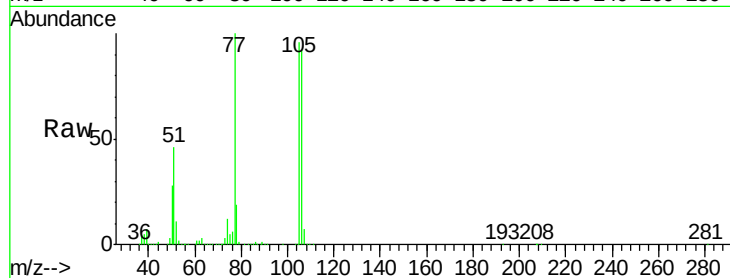
Tot Ion: 77 Resp: 933411

Ion Ratio Lower Upper

77 100

105 95.7 75.2 115.2

106 92.2 71.4 111.4



#10

Phenol

Concen: 71.674 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

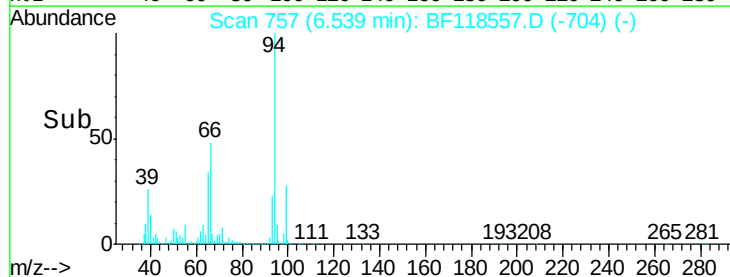
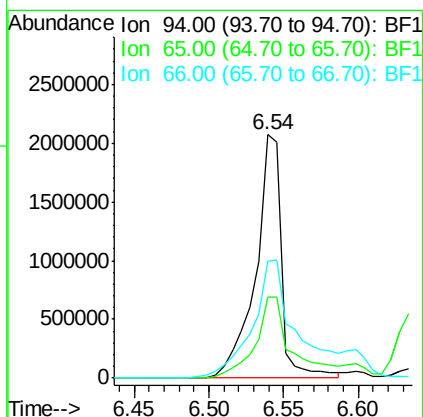
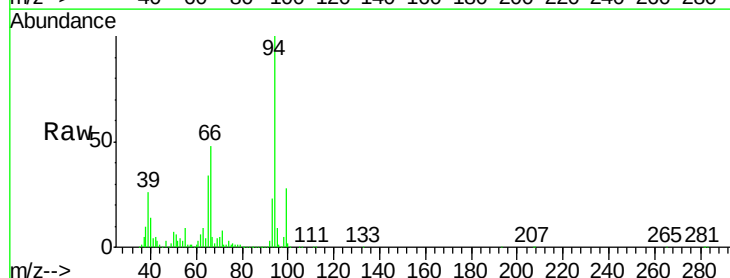
Tgt Ion: 94 Resp: 2482776

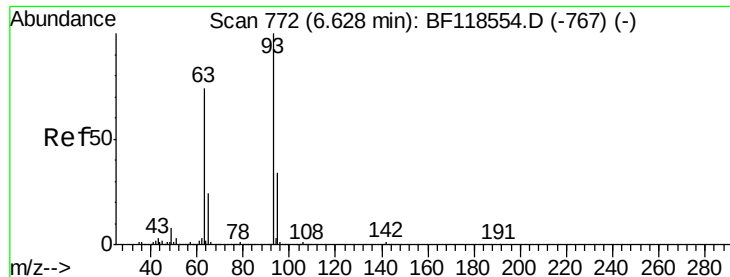
Ion Ratio Lower Upper

94 100

65 33.6 9.8 49.8

66 48.2 19.5 59.5

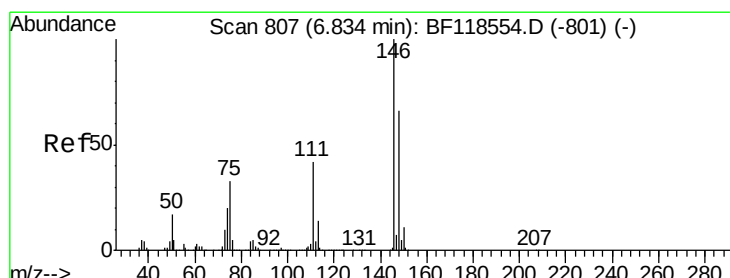
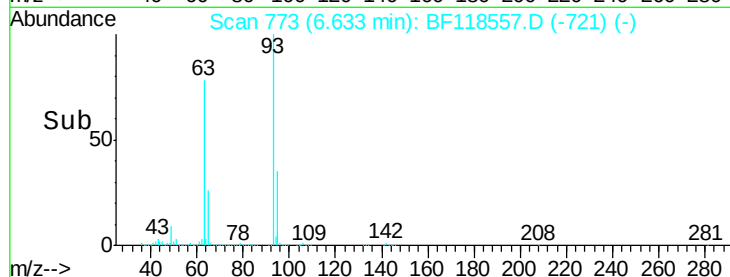
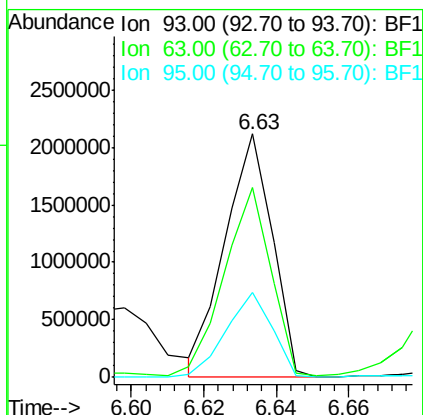
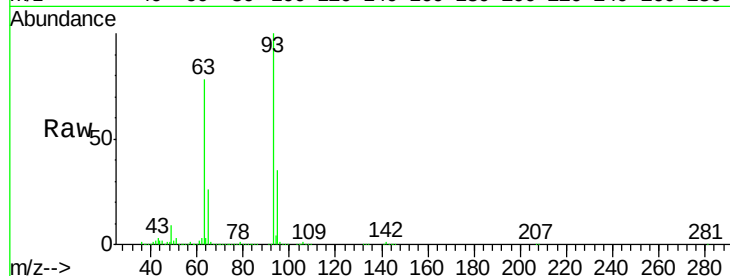




#11
bis(2-Chloroethyl)ether
Concen: 73.999 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

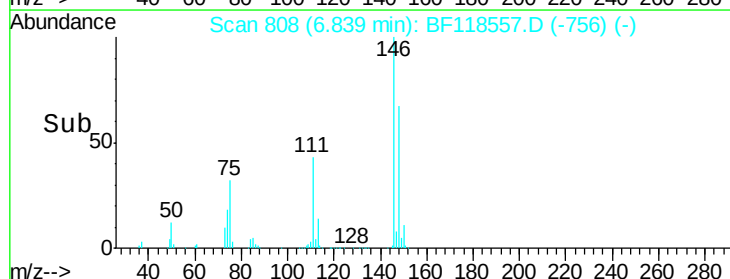
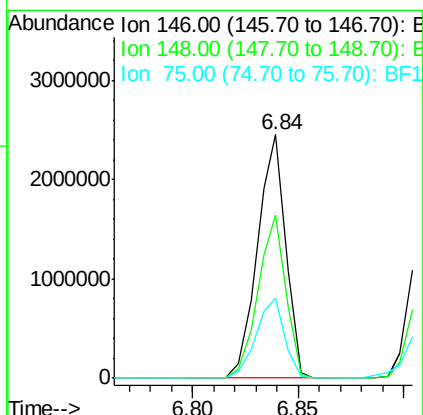
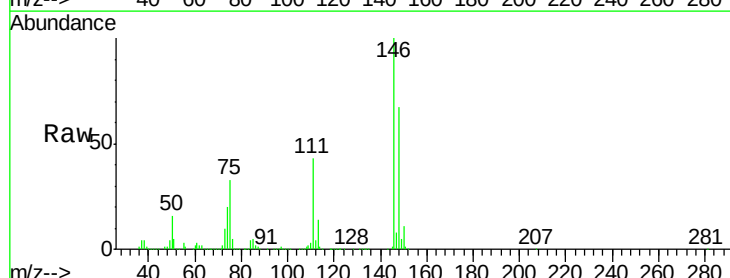
Instrument :
BNA_F
ClientSampleId :

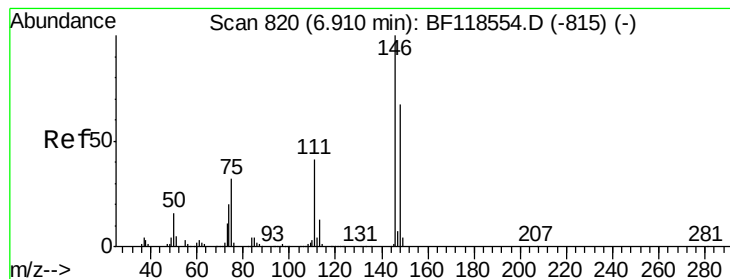
Tot Ion: 93 Resp: 1927178
Ion Ratio Lower Upper
93 100
63 77.8 54.0 94.0
95 34.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 68.219 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion: 146 Resp: 2269443
Ion Ratio Lower Upper
146 100
148 67.0 53.0 79.6
75 32.6 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 67.893 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

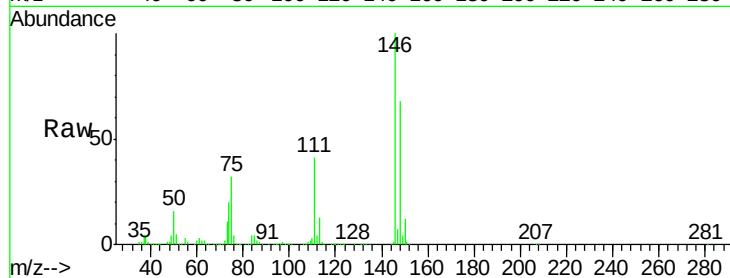
Tot Ion:146 Resp: 2263165

Ion Ratio Lower Upper

146 100

148 68.4 53.4 80.2

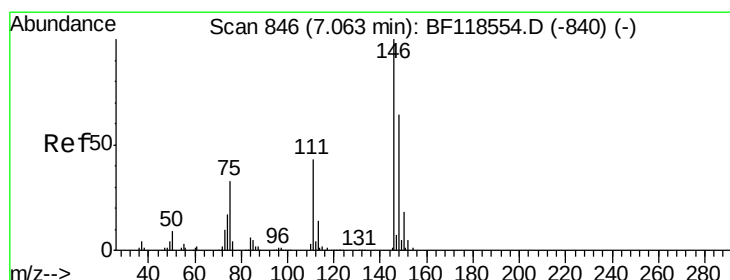
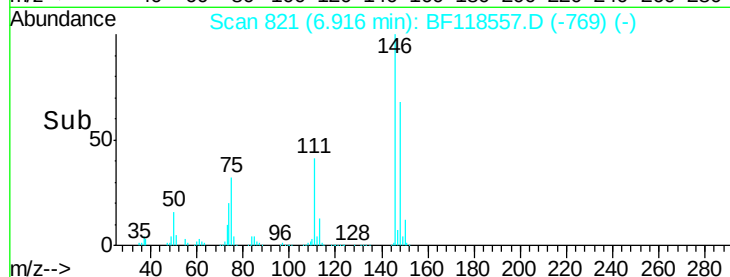
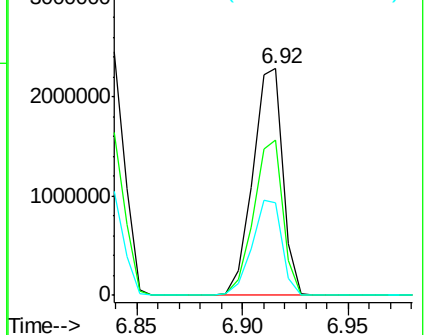
111 40.9 32.6 48.8



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: 67.248 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

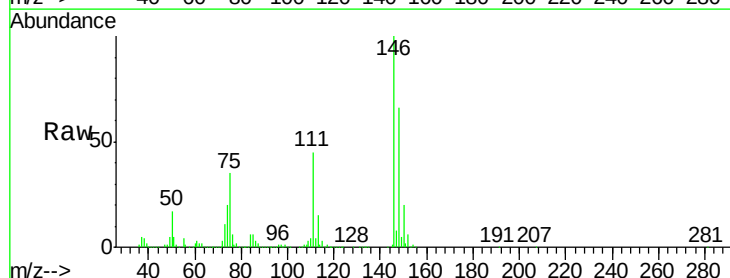
Tgt Ion:146 Resp: 2076814

Ion Ratio Lower Upper

146 100

148 66.5 51.2 76.8

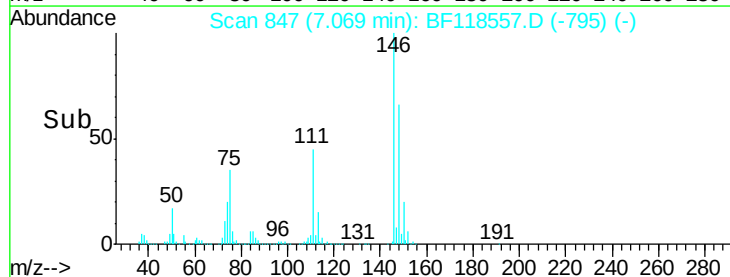
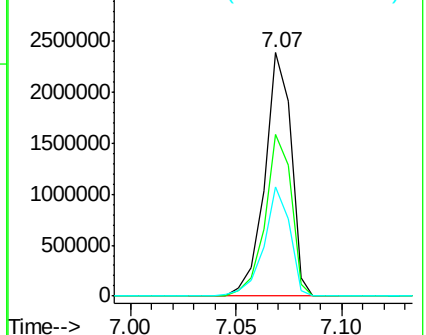
111 44.9 34.6 52.0

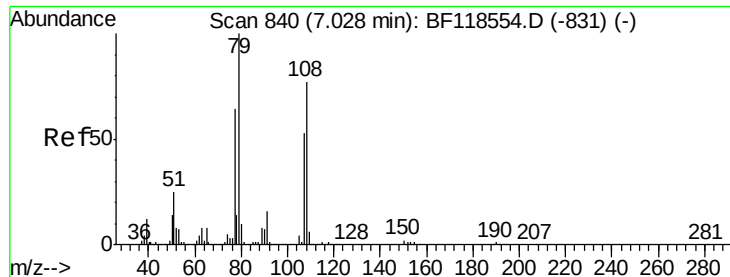


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 82.772 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

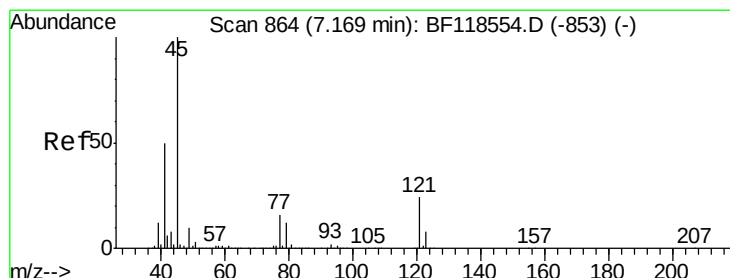
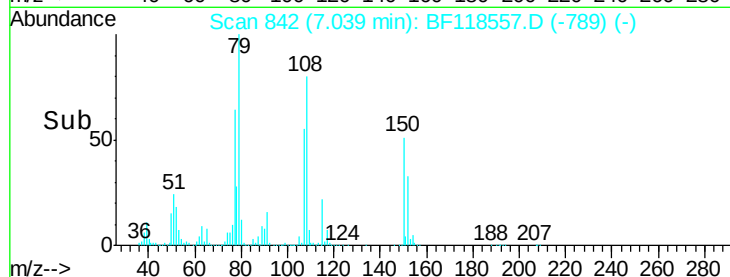
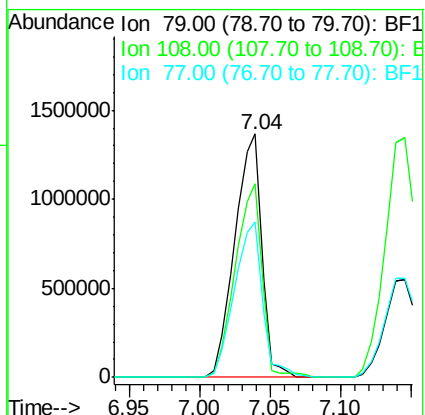
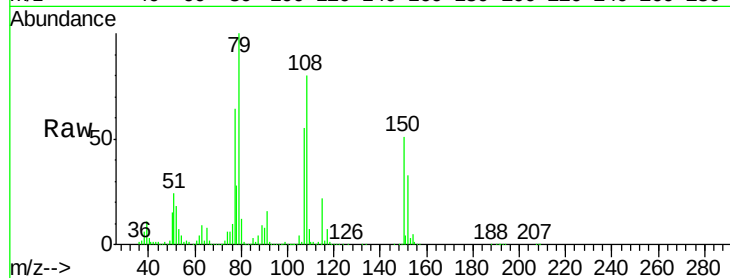
Tot Ion: 79 Resp: 1817465

Ion Ratio Lower Upper

79 100

108 79.7 61.9 92.9

77 63.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 104.713 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

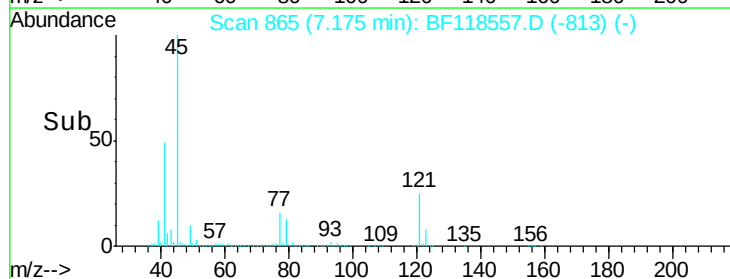
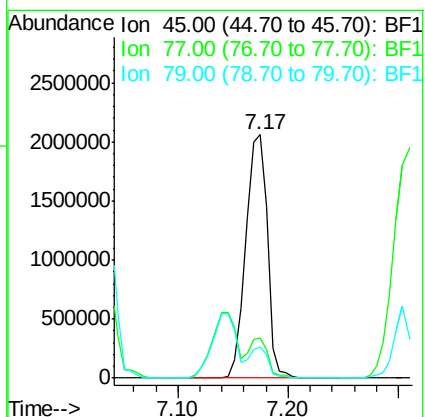
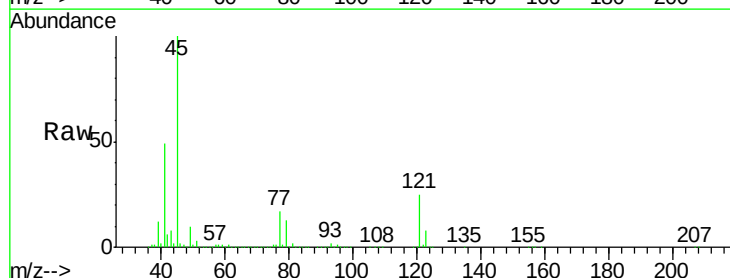
Tgt Ion: 45 Resp: 2823822

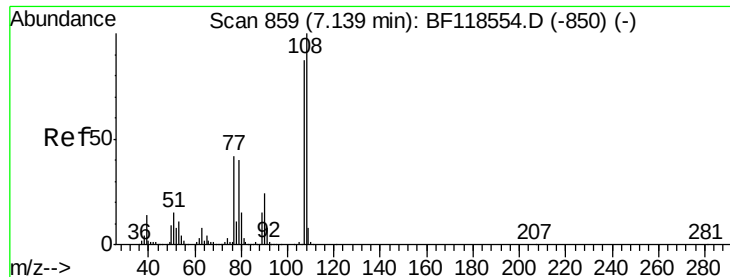
Ion Ratio Lower Upper

45 100

77 16.5 0.0 35.8

79 12.8 0.0 32.2





#17

2-Methylphenol

Concen: 74.617 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1671163

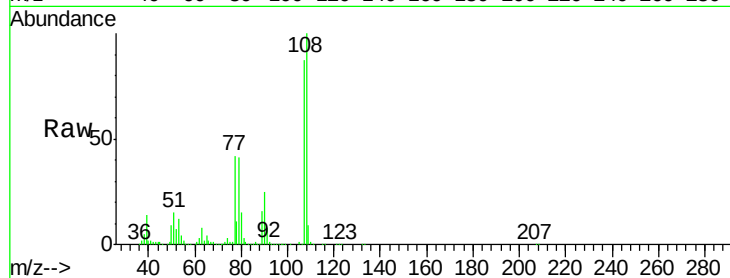
Ion Ratio Lower Upper

107 100

108 115.4 92.3 138.5

77 47.9 38.6 57.8

79 47.2 37.0 55.6

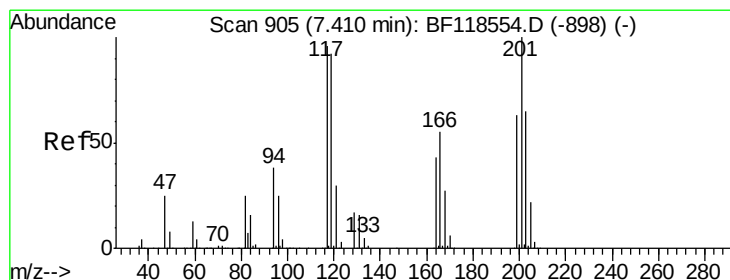
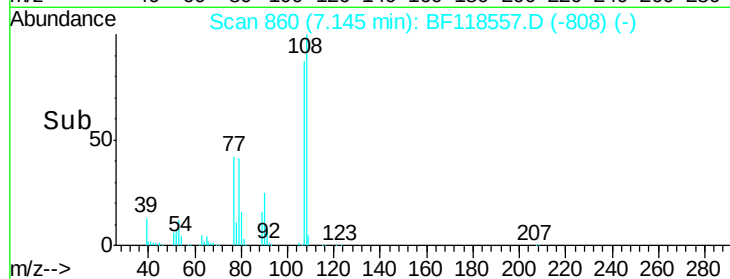
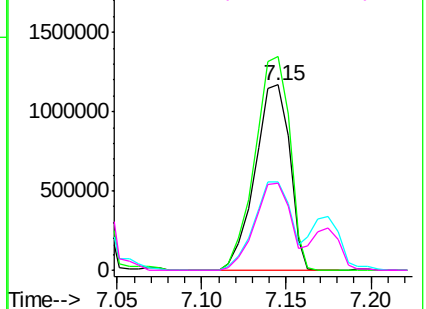


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 72.635 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

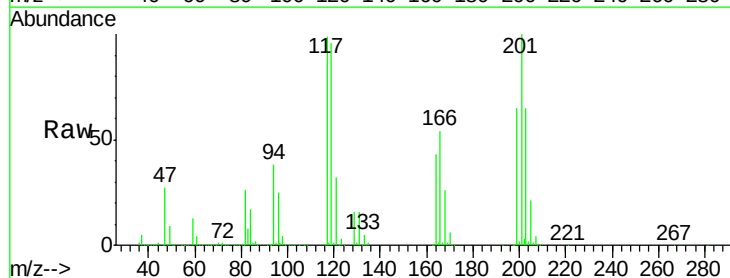
Tgt Ion:117 Resp: 859143

Ion Ratio Lower Upper

117 100

119 96.3 76.9 115.3

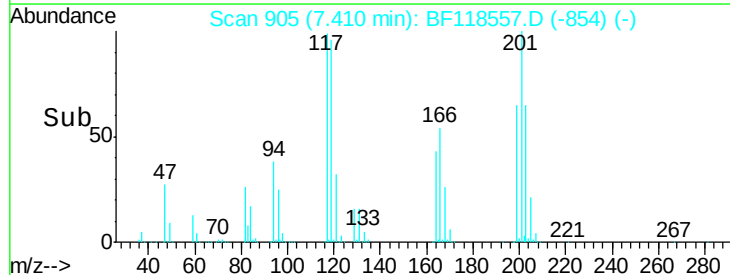
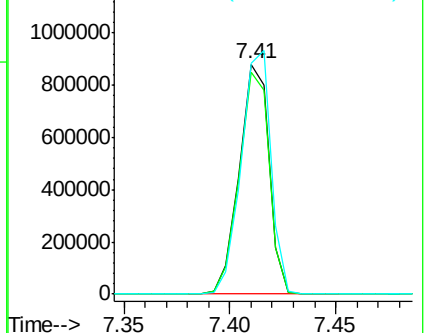
201 100.7 83.6 125.4

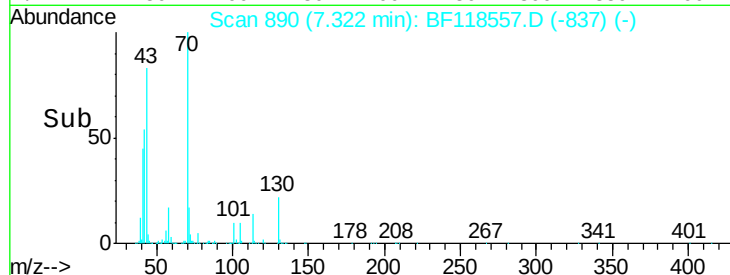
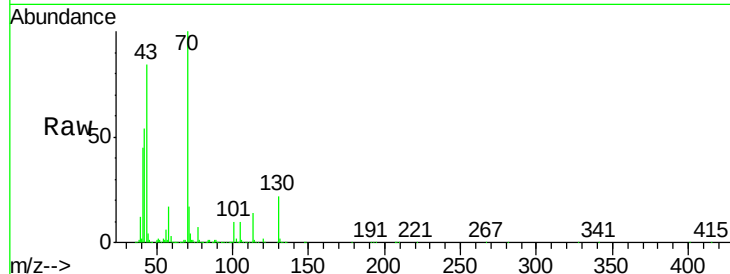
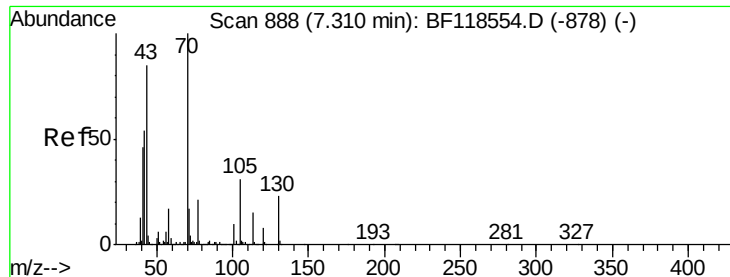


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

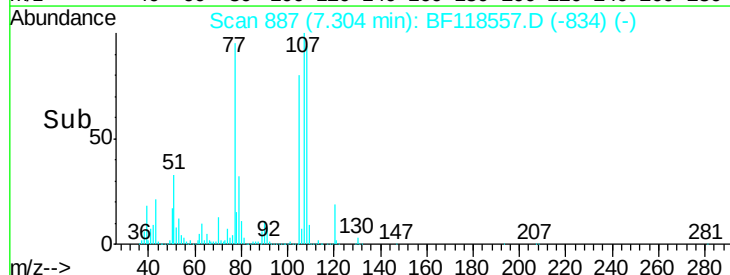
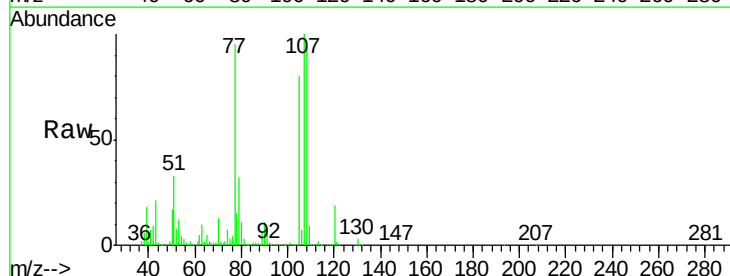
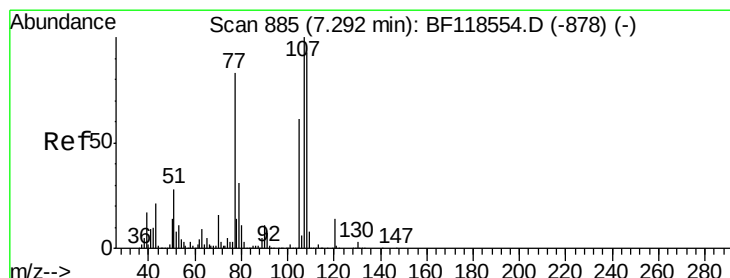
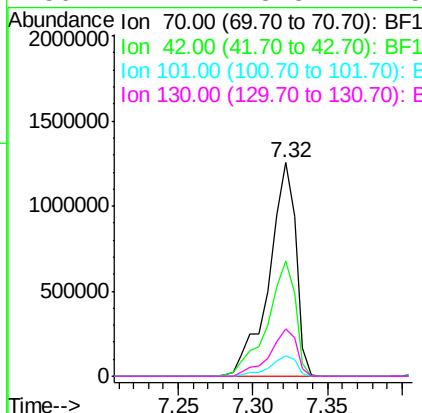




#19
n-Nitroso-di-n-propylamine
Concen: 88.427 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

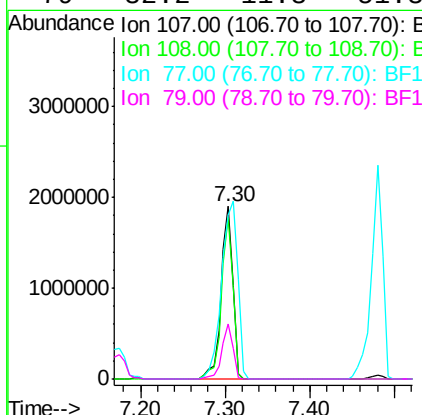
Instrument :
BNA_F
ClientSampleId :

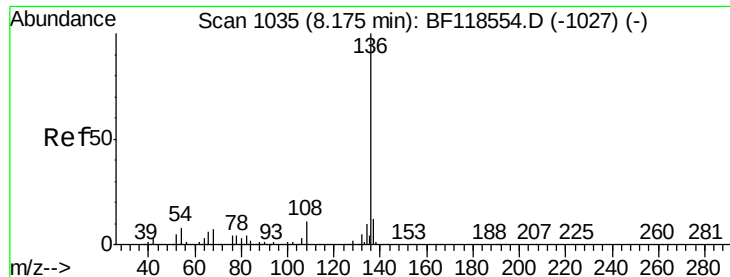
Tot Ion: 70 Resp: 1575897
Ion Ratio Lower Upper
70 100
42 54.2 43.6 65.4
101 9.9 7.7 11.5
130 22.2 18.3 27.5



#20
3+4-Methylphenols
Concen: 63.850 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion: 107 Resp: 1861699
Ion Ratio Lower Upper
107 100
108 93.5 72.6 112.6
77 95.0 63.0 103.0
79 32.2 11.3 51.3

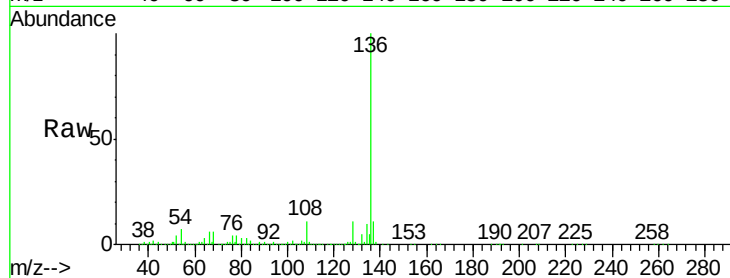




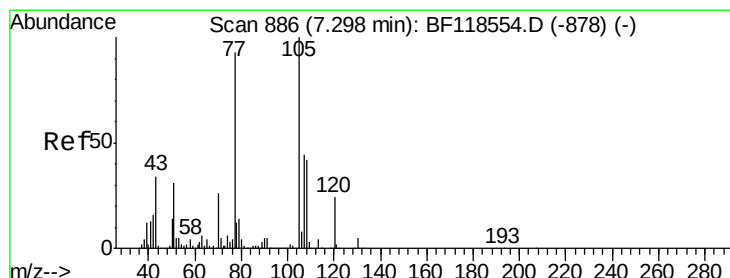
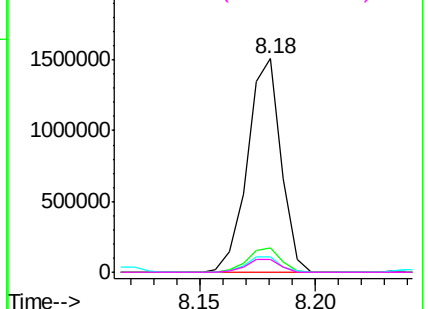
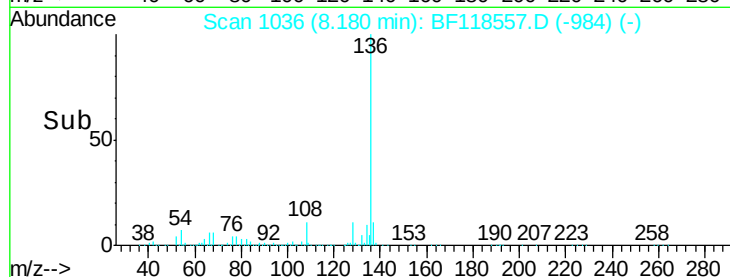
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1525416
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 7.0 6.2 9.2
68 5.9 5.4 8.0

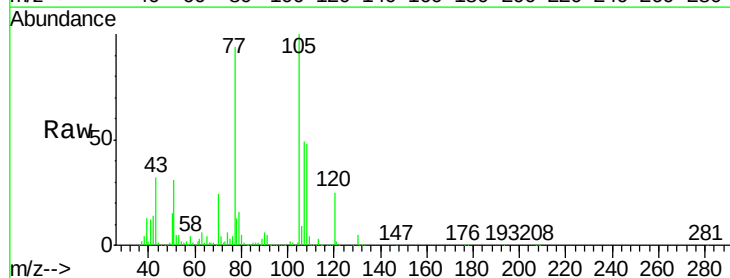


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

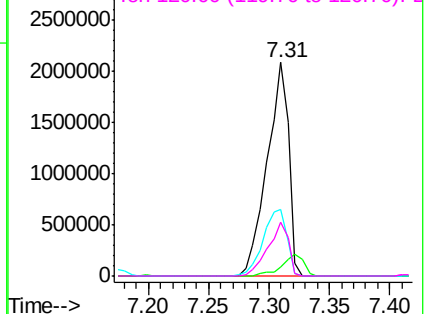
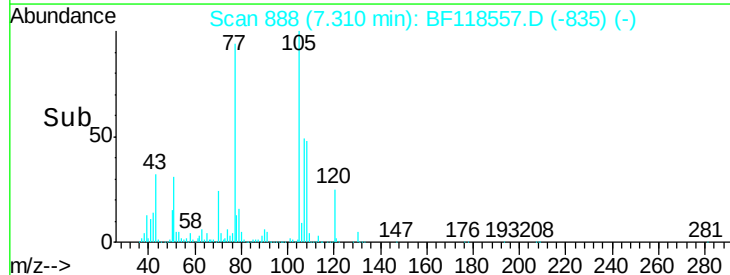


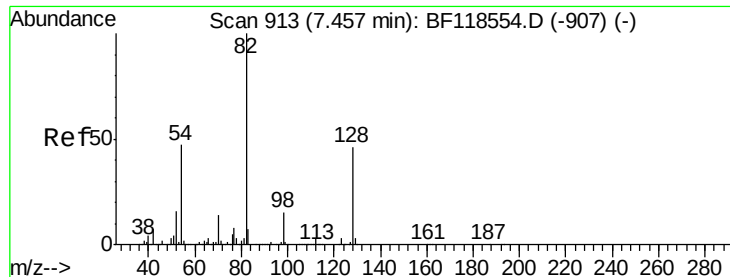
#22
Acetophenone
Concen: 73.737 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:105 Resp: 2609444
Ion Ratio Lower Upper
105 100
71 4.2 3.8 5.6
51 31.4 24.9 37.3
120 25.0 19.2 28.8



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: 163.897 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

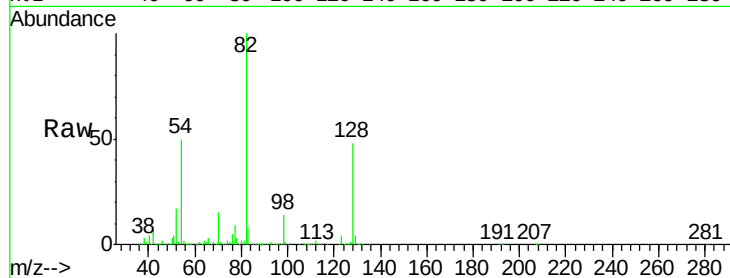
Tot Ion: 82 Resp: 4082655

Ion Ratio Lower Upper

82 100

128 48.2 37.0 55.4

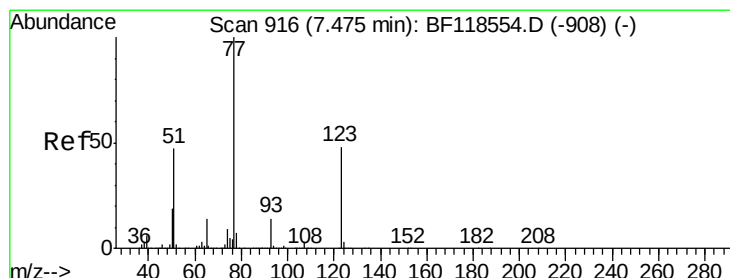
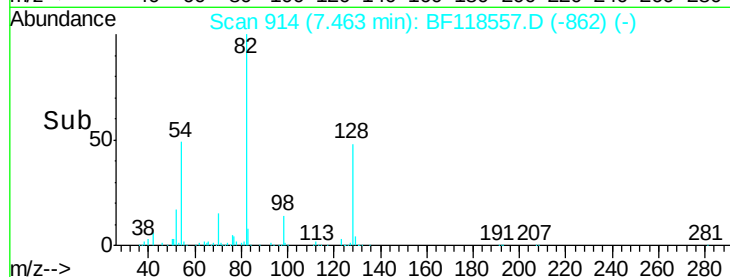
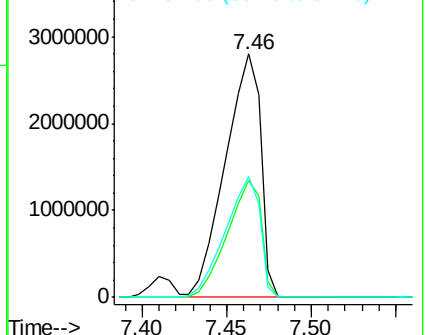
54 49.6 37.4 56.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 86.515 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

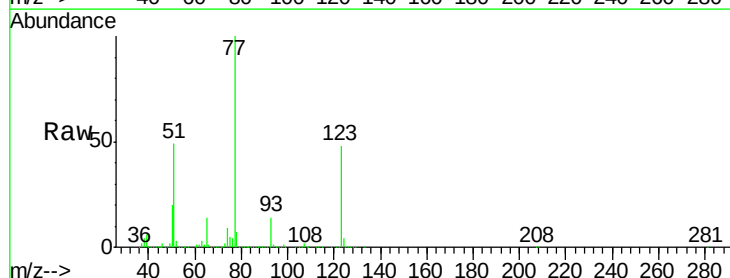
Tgt Ion: 77 Resp: 2142087

Ion Ratio Lower Upper

77 100

123 47.9 38.2 57.2

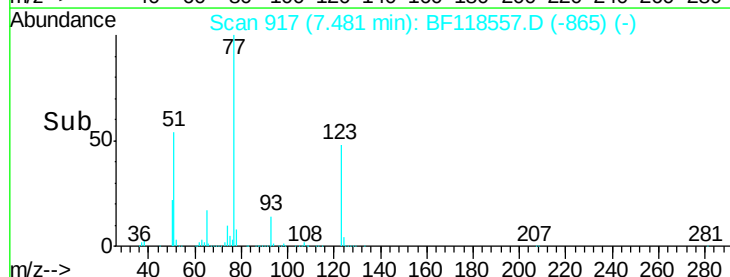
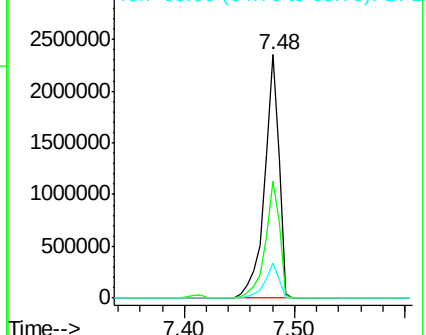
65 14.5 11.1 16.7

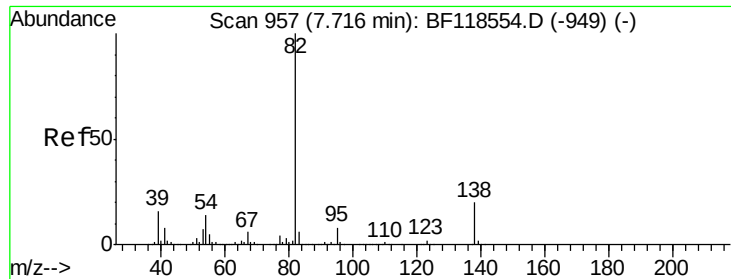


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 88.357 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

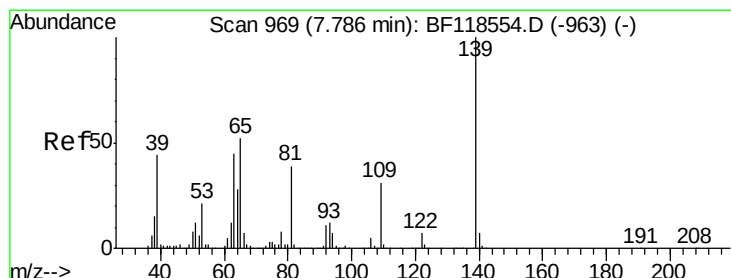
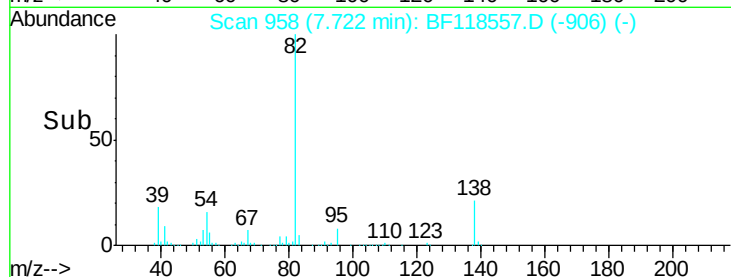
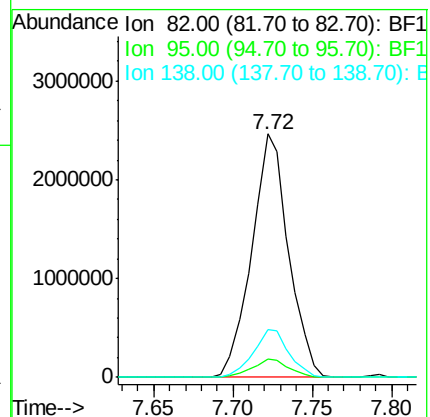
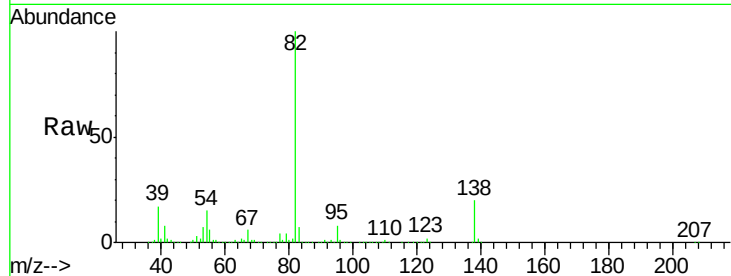
Tot Ion: 82 Resp: 3966173

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 19.6 15.8 23.8



#26

2-Nitrophenol

Concen: 65.902 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

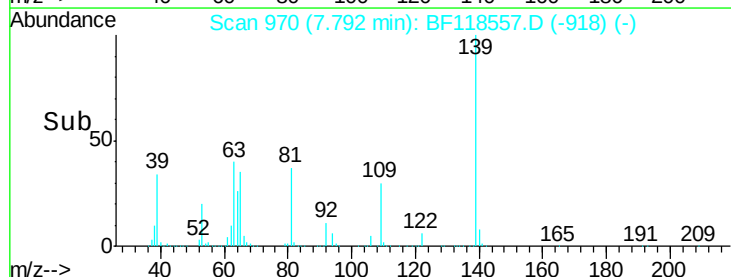
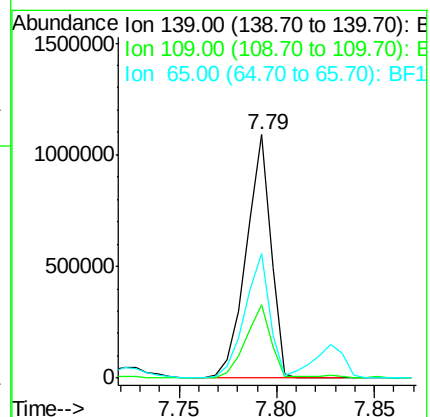
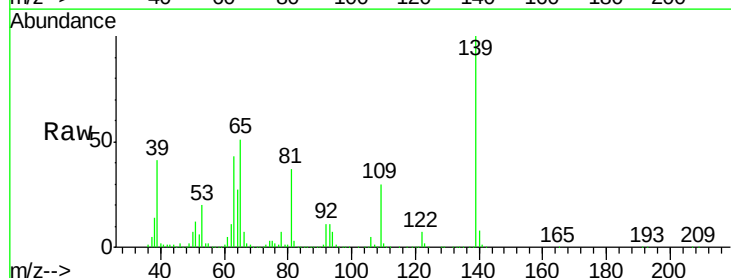
Tgt Ion: 139 Resp: 957416

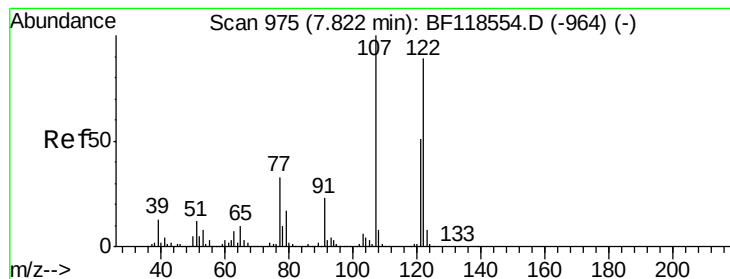
Ion Ratio Lower Upper

139 100

109 30.3 24.6 36.8

65 51.2 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 84.372 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

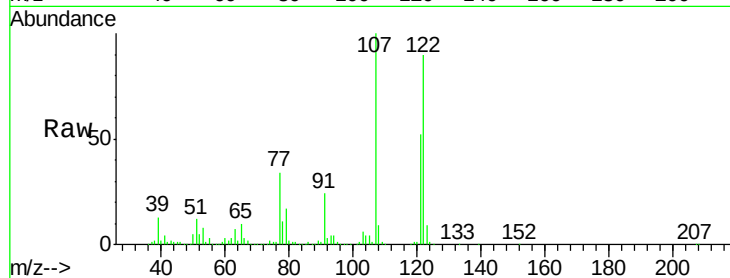
Tot Ion:122 Resp: 1636183

Ion Ratio Lower Upper

122 100

107 111.7 89.6 134.4

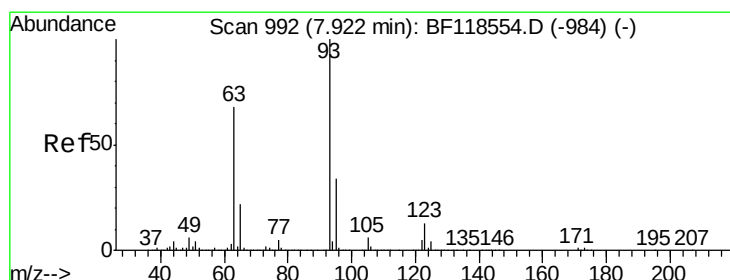
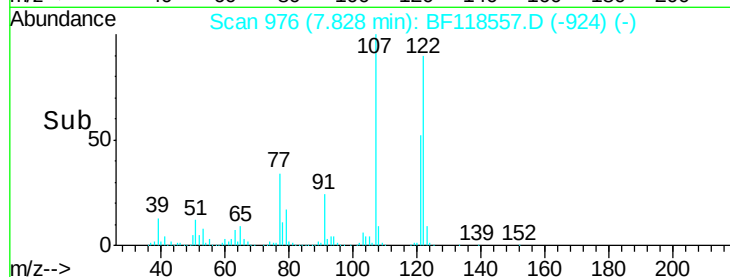
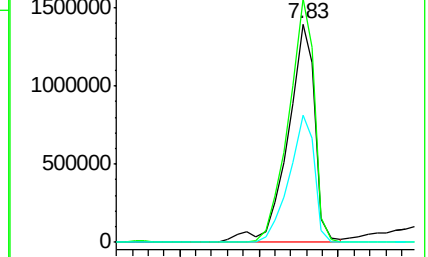
121 58.4 45.9 68.9



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: 80.848 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

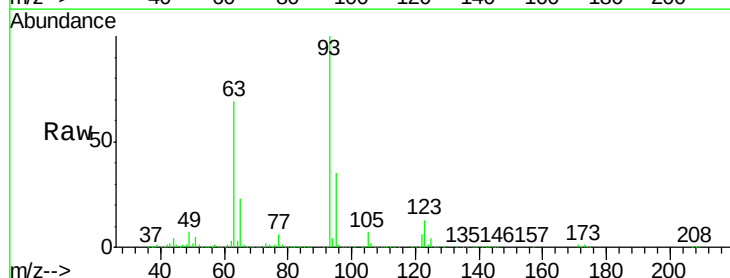
Tgt Ion: 93 Resp: 2501734

Ion Ratio Lower Upper

93 100

95 35.4 27.3 40.9

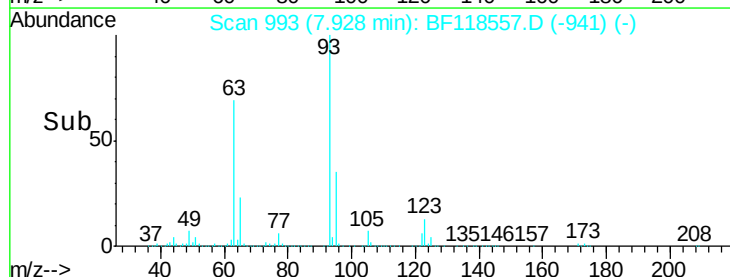
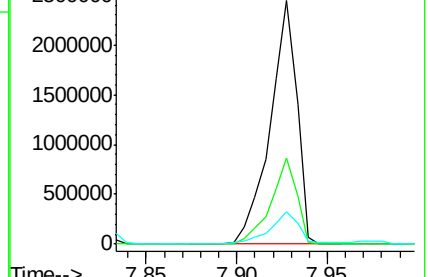
123 13.3 10.2 15.4

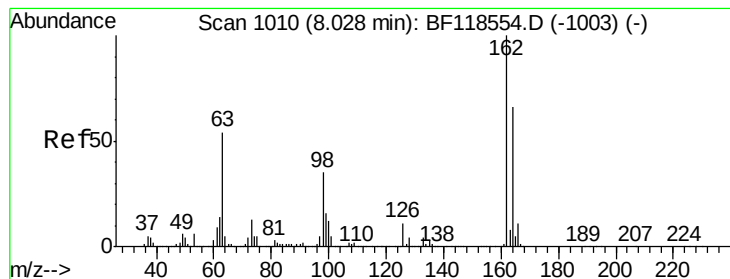


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 80.251 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

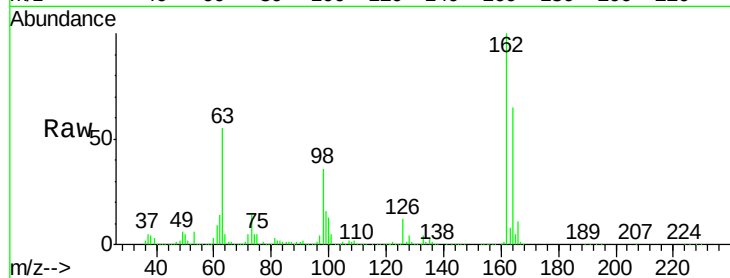
Tot Ion:162 Resp: 1810357

Ion Ratio Lower Upper

162 100

164 65.1 45.6 85.6

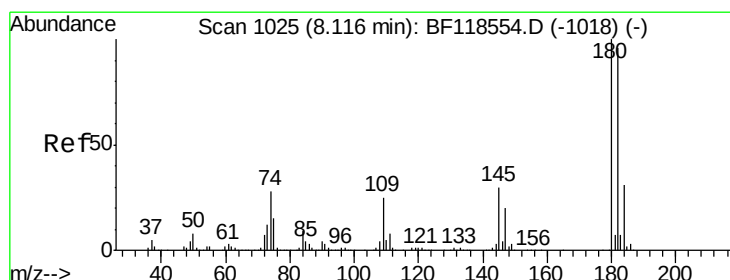
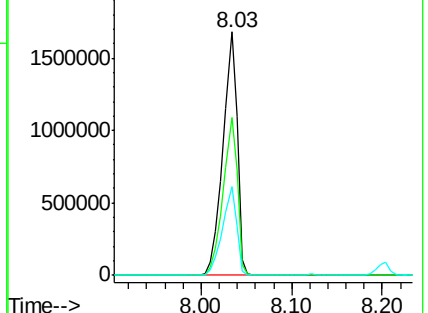
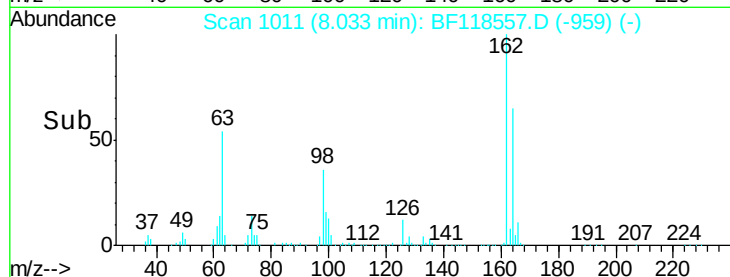
98 36.3 15.4 55.4



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: 78.221 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

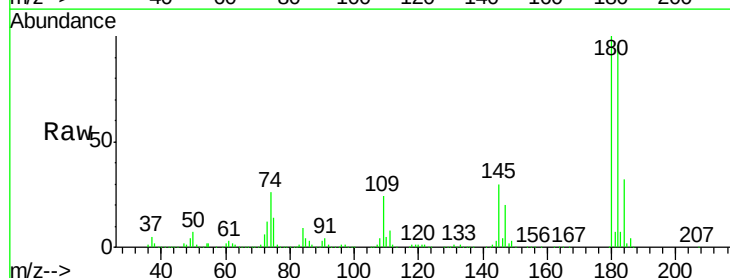
Tgt Ion:180 Resp: 2008483

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

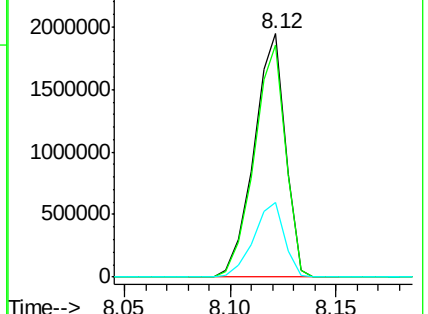
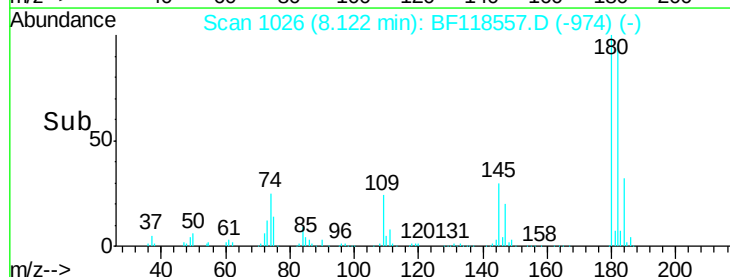
145 30.4 24.2 36.2

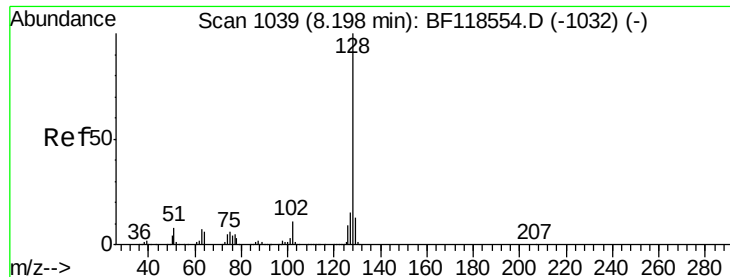


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

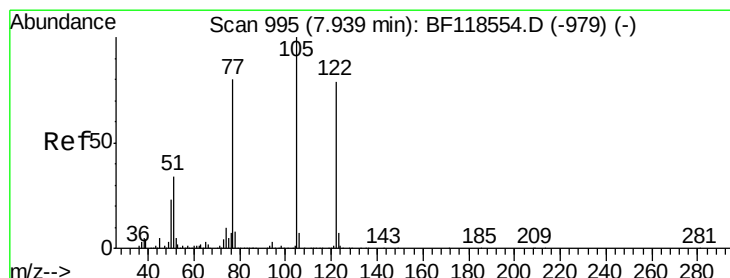
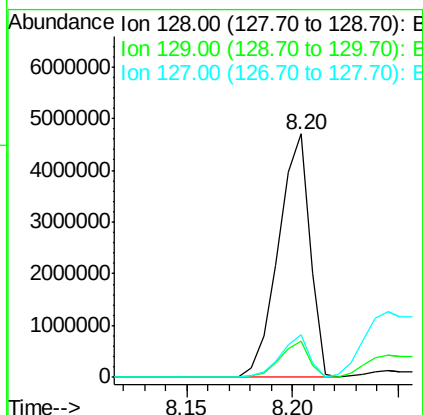
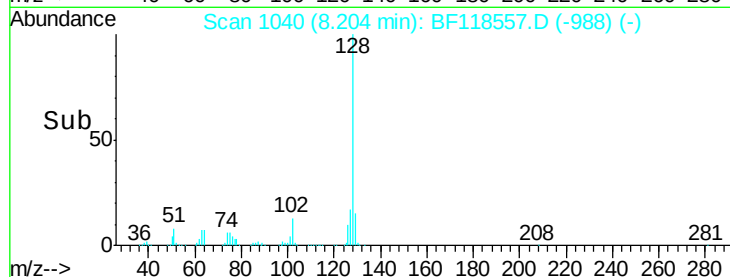
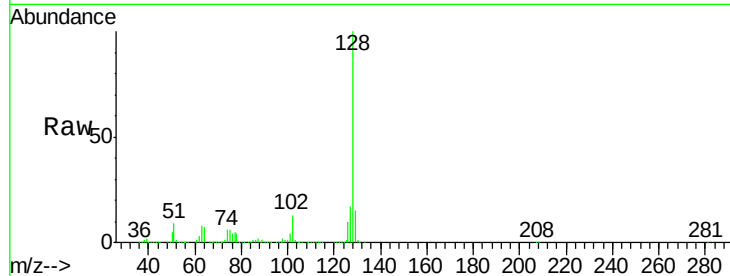




#31
Naphthalene
Concen: 64.045 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

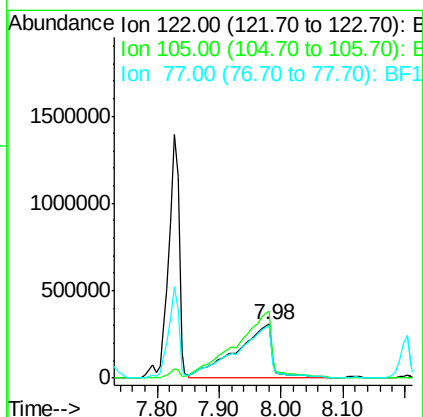
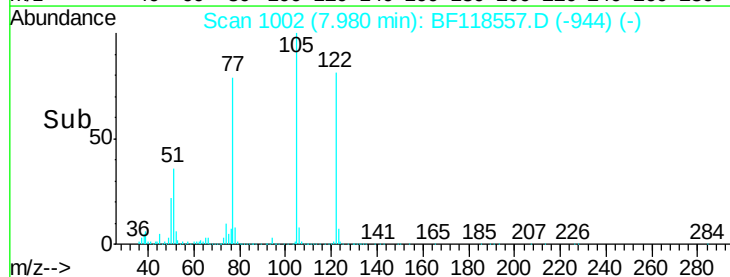
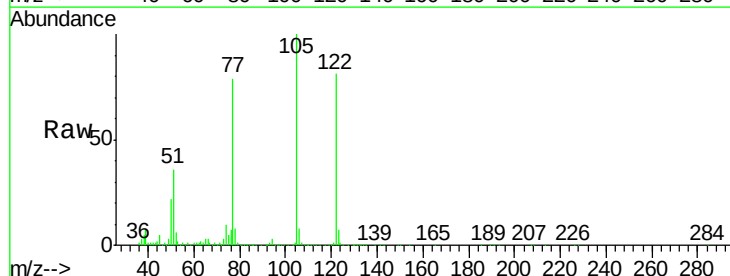
Instrument :
BNA_F
ClientSampleId :

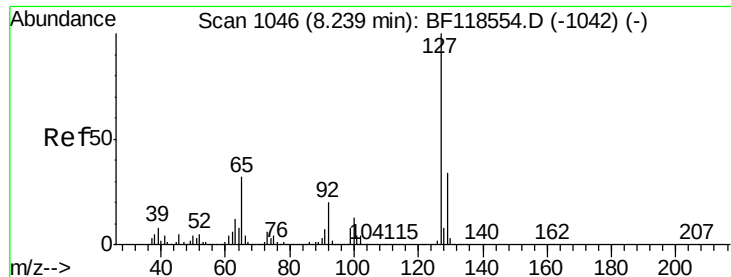
Tot Ion:128 Resp: 4901012
Ion Ratio Lower Upper
128 100
129 14.7 10.3 15.5
127 17.3 12.1 18.1



#32
Benzoic acid
Concen: 89.573 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.04 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:122 Resp: 1254284
Ion Ratio Lower Upper
122 100
105 123.0 105.0 145.0
77 97.0 80.7 120.7

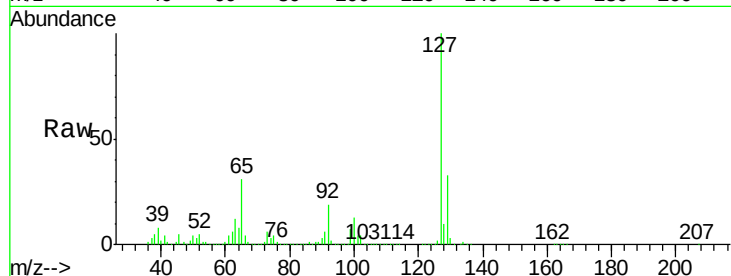




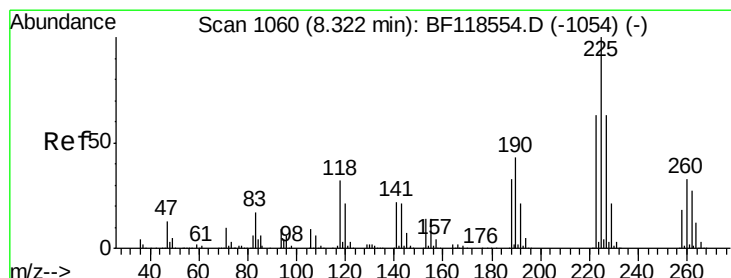
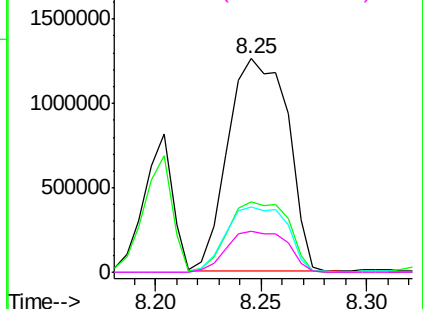
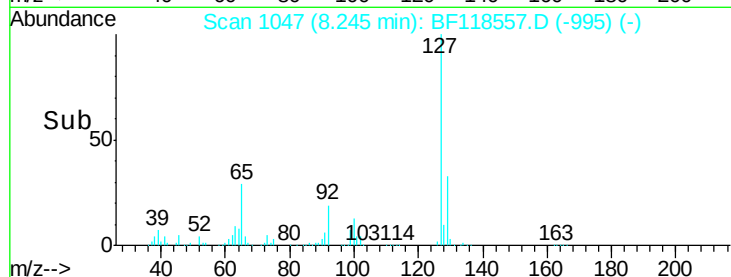
#33
4-Chloroaniline
Concen: 76.041 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	2476042
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.0	40.4
65	30.7	25.8	38.8
92	19.1	15.8	23.8

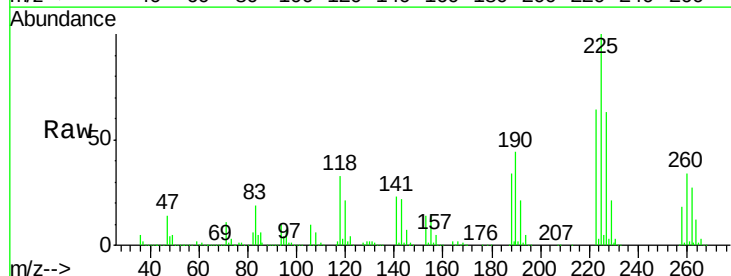


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

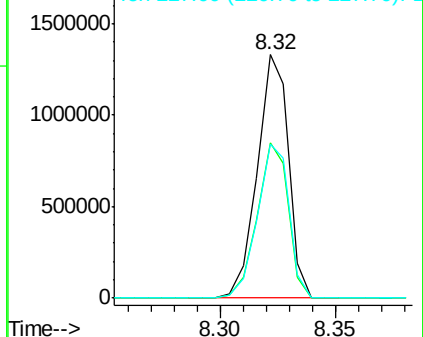
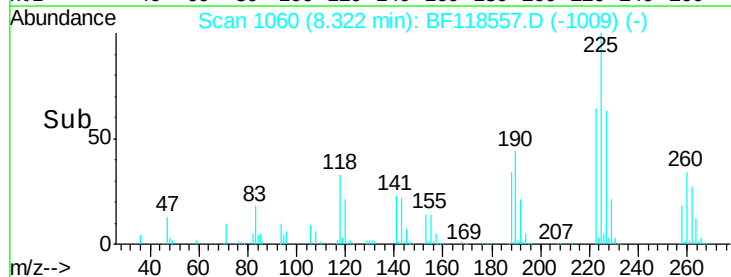


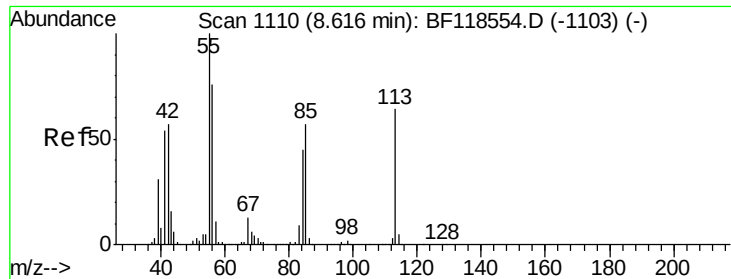
#34
Hexachlorobutadiene
Concen: 83.056 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:	225	Resp:	1252910
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	63.4	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

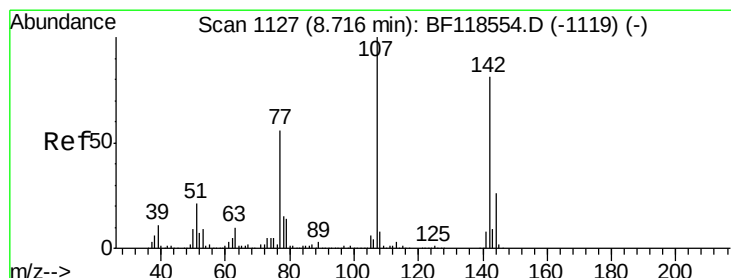
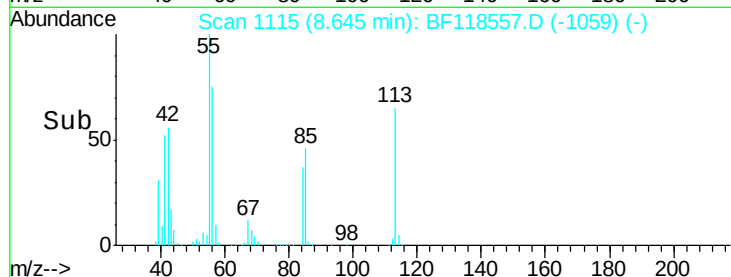
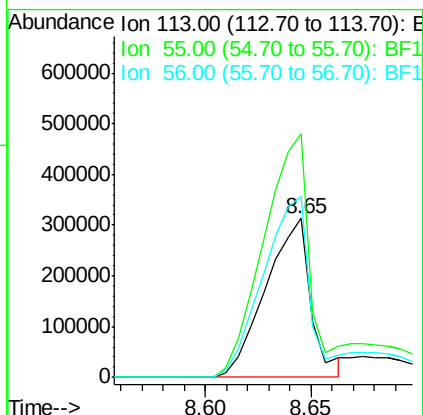
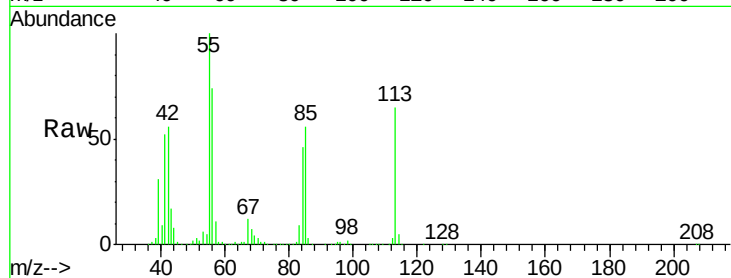




#35
 Caprolactam
 Concen: 66.748 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.03 min
 Lab File: BF118557.D
 Acq: 17 Jan 2020 12:58

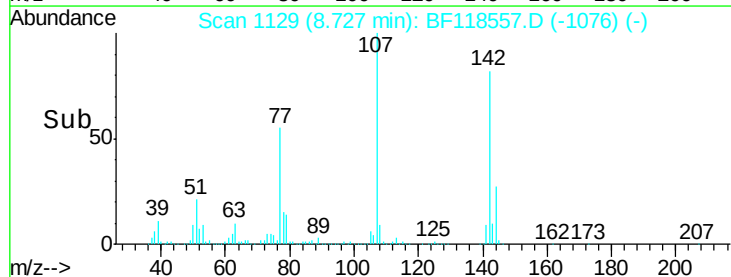
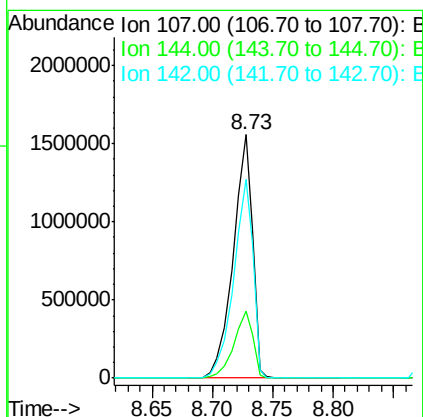
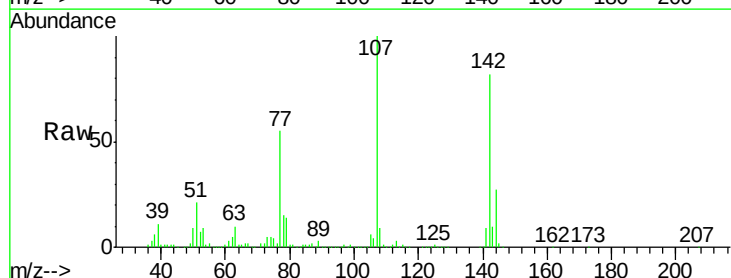
Instrument :
 BNA_F
 ClientSampleId :

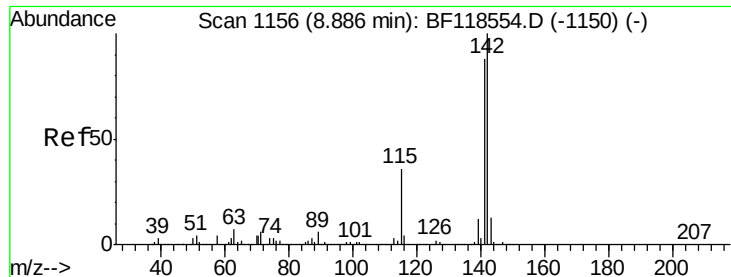
Tot Ion:113 Resp: 464036
 Ion Ratio Lower Upper
 113 100
 55 153.5 137.3 177.3
 56 114.4 99.7 139.7



#36
 4-Chloro-3-methylphenol
 Concen: 74.911 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF118557.D
 Acq: 17 Jan 2020 12:58

Tgt Ion:107 Resp: 1744119
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.2 31.8
 142 81.6 64.4 96.6

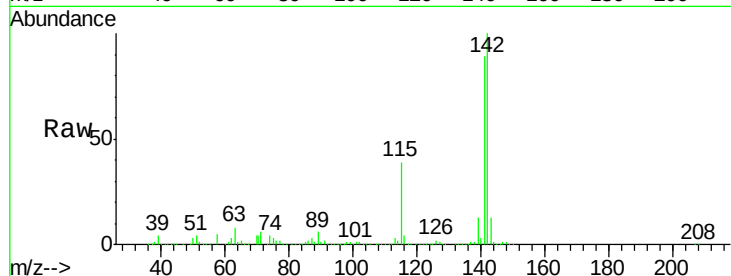




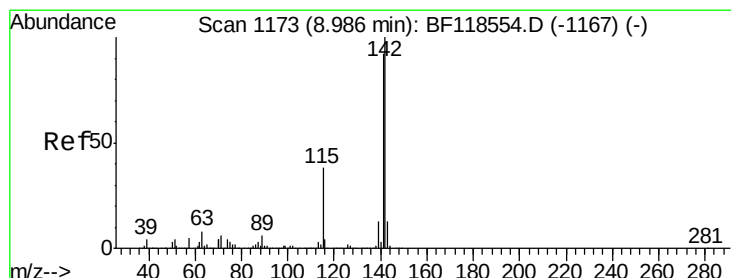
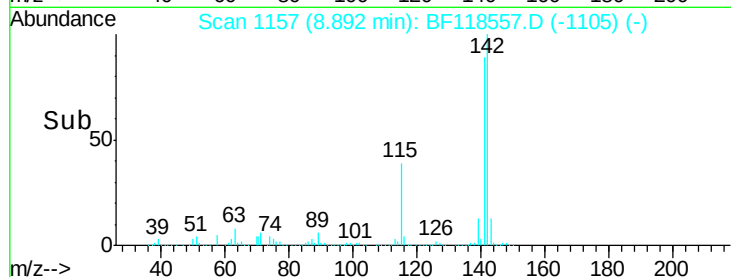
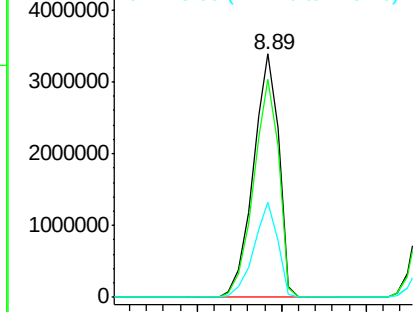
#37
2-Methylnaphthalene
Concen: 69.568 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 3558844
Ion Ratio Lower Upper
142 100
141 89.4 70.6 106.0
115 39.1 29.0 43.4

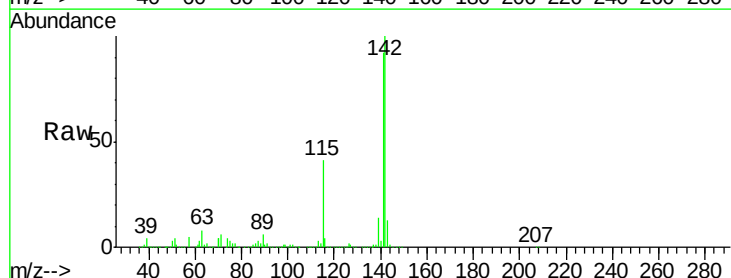


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

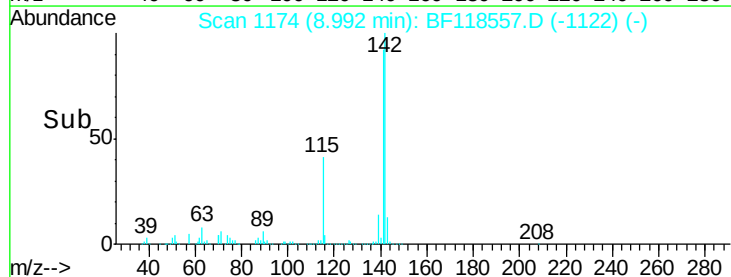
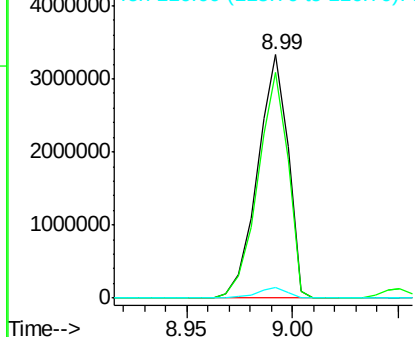


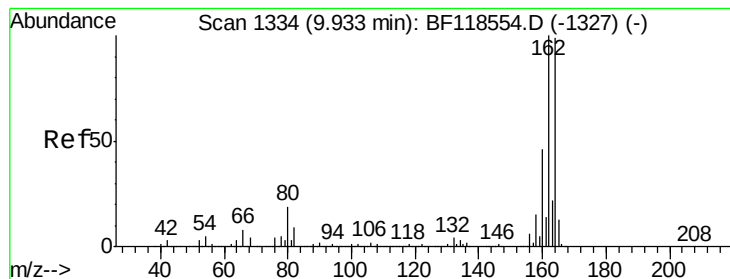
#38
1-Methylnaphthalene
Concen: 68.648 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:142 Resp: 3329921
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.6
116 4.5 3.3 4.9



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: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

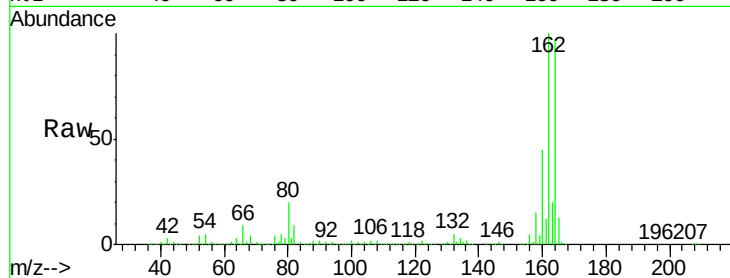
Tot Ion:164 Resp: 835071

Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

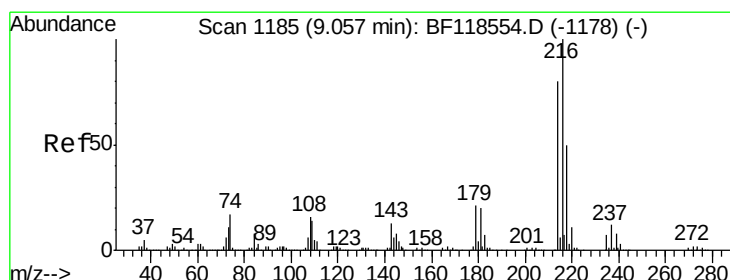
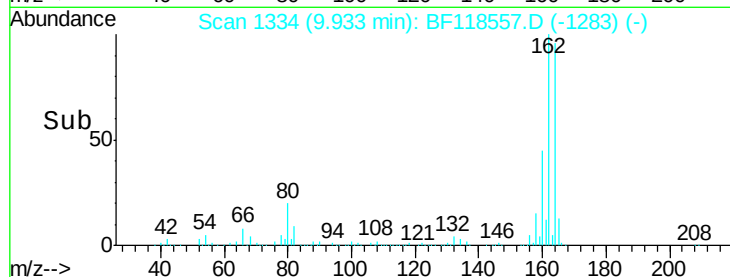
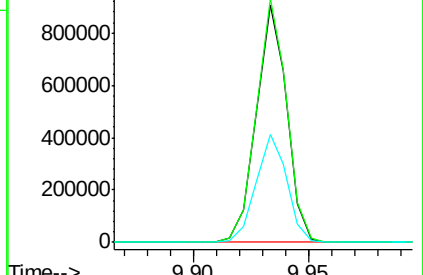
160 45.7 36.7 55.1



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: 76.049 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Tgt Ion:216 Resp: 1947400

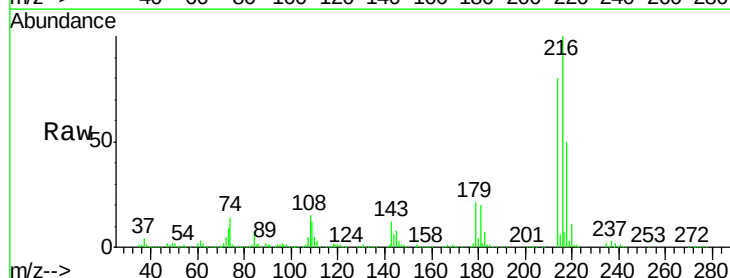
Ion Ratio Lower Upper

216 100

214 79.8 63.6 95.4

179 21.2 16.5 24.7

108 18.2 14.6 21.8

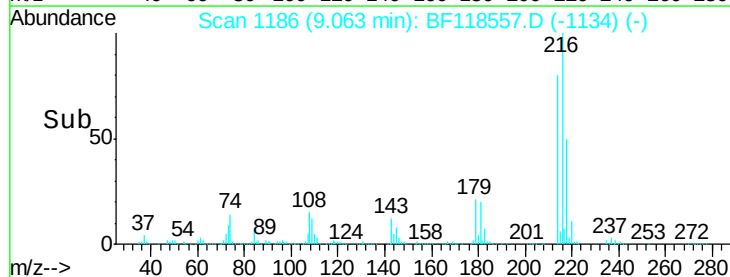
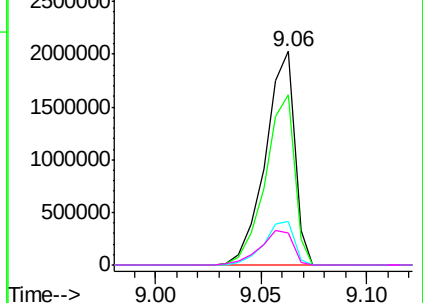


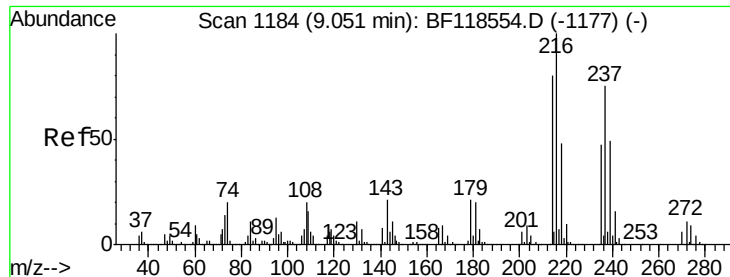
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 285.185 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

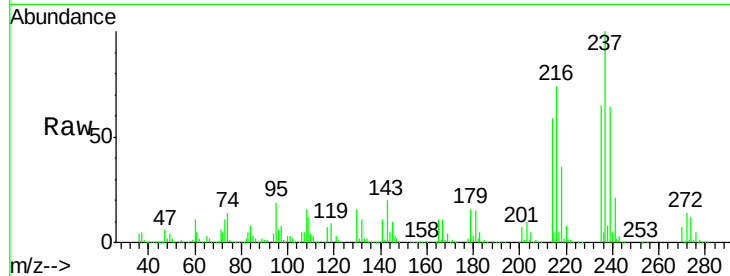
Tot Ion:237 Resp: 1103683

Ion Ratio Lower Upper

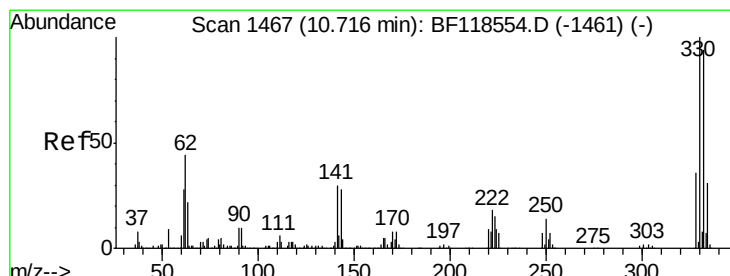
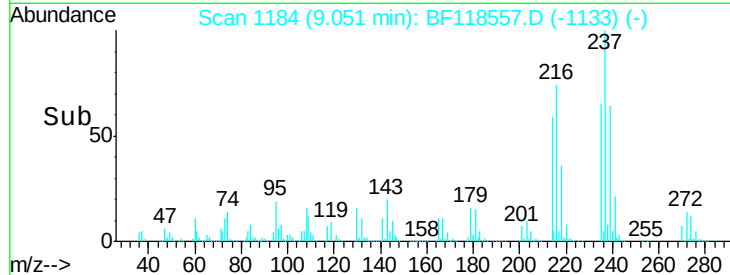
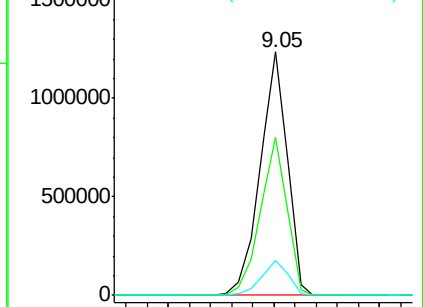
237 100

235 64.7 42.1 82.1

272 14.5 0.0 34.3



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



#42

2,4,6-Tribromophenol

Concen: 137.342 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

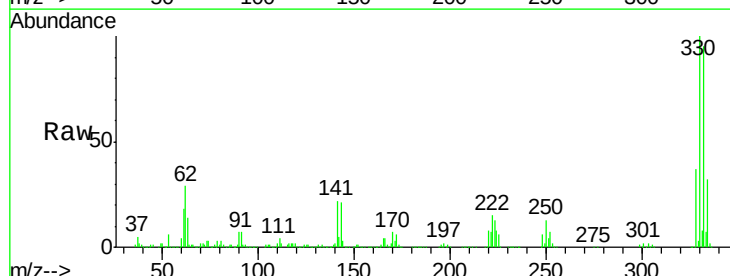
Tgt Ion:330 Resp: 1391130

Ion Ratio Lower Upper

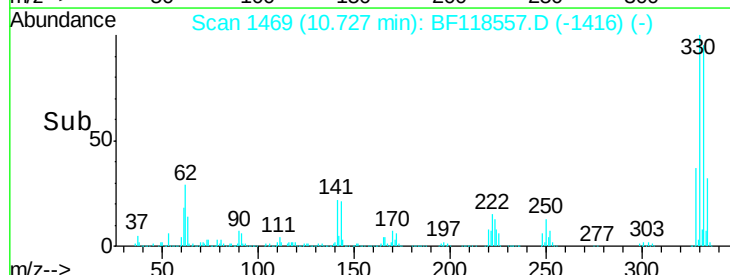
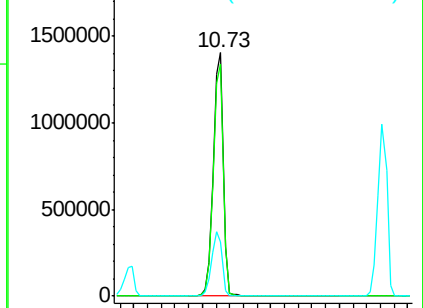
330 100

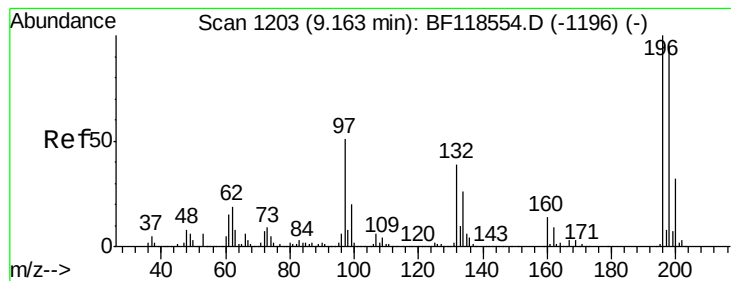
332 96.1 76.4 114.6

141 28.3 23.4 35.2



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: 80.458 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

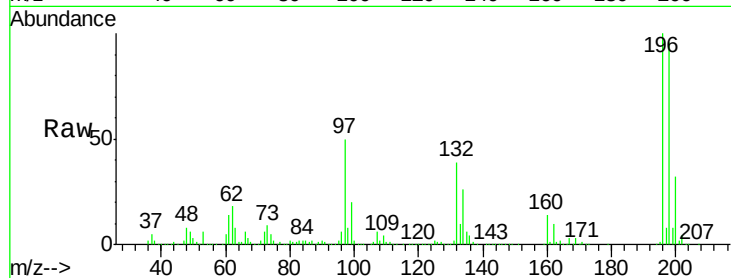
Tot Ion:196 Resp: 1334168

Ion Ratio Lower Upper

196 100

198 96.4 76.0 114.0

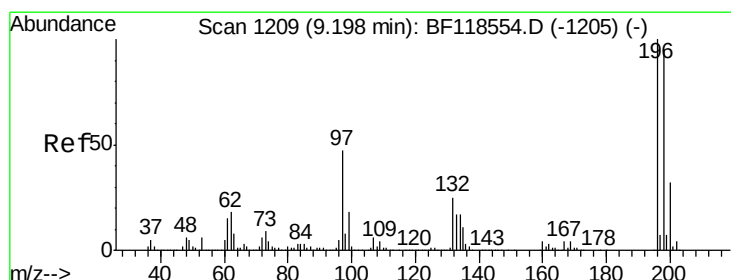
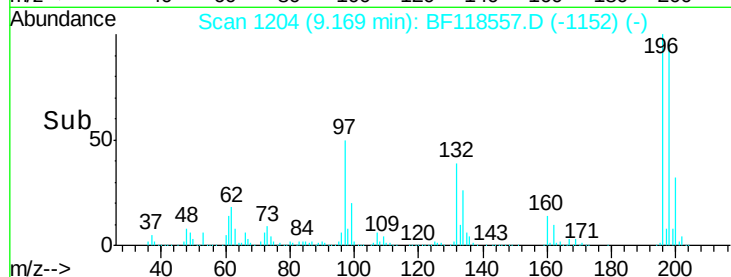
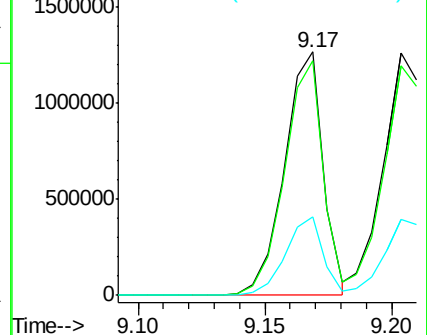
200 32.2 25.4 38.0



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: 82.449 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Tgt Ion:196 Resp: 1365353

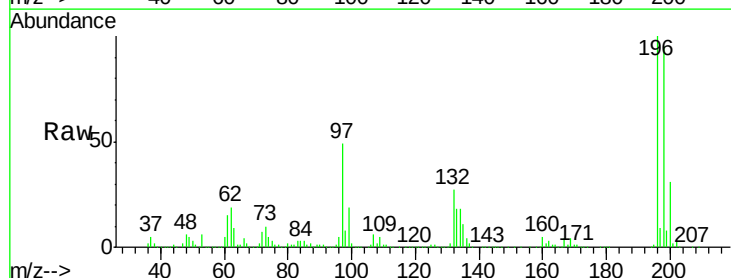
Ion Ratio Lower Upper

196 100

198 95.0 76.2 114.4

97 48.8 37.4 56.2

132 27.0 20.3 30.5

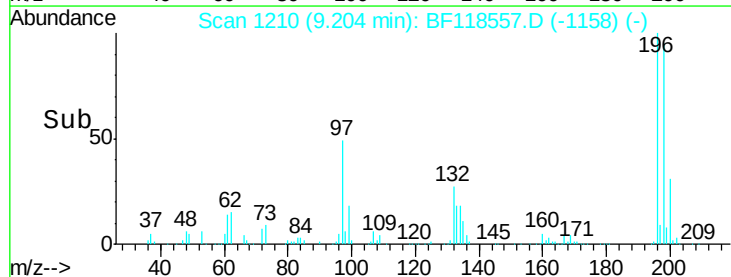
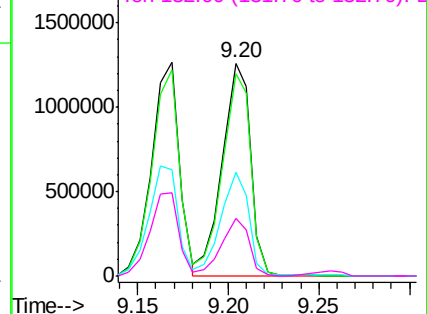


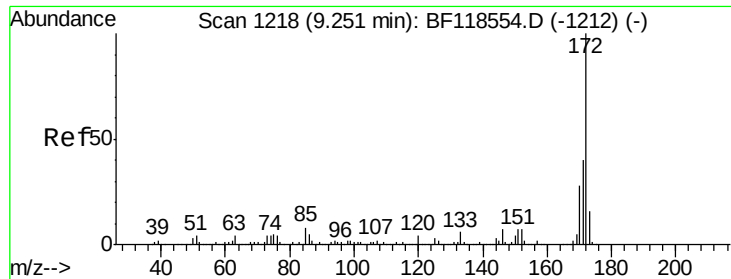
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

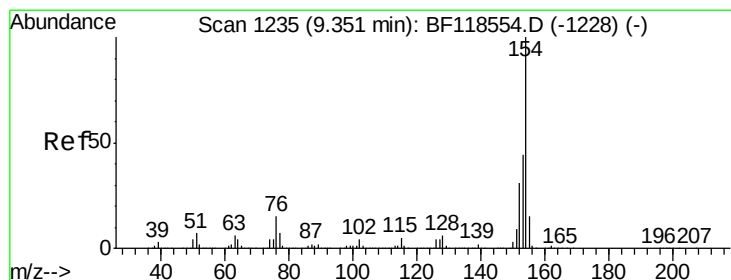
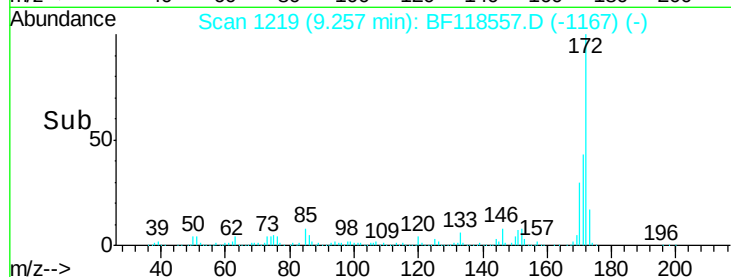
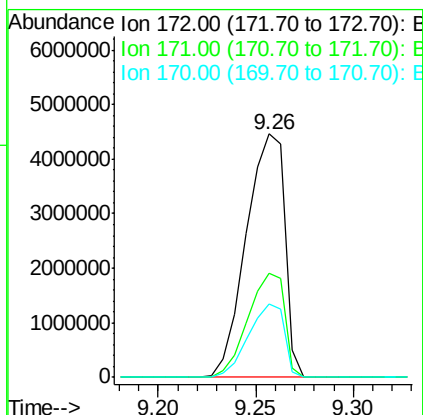
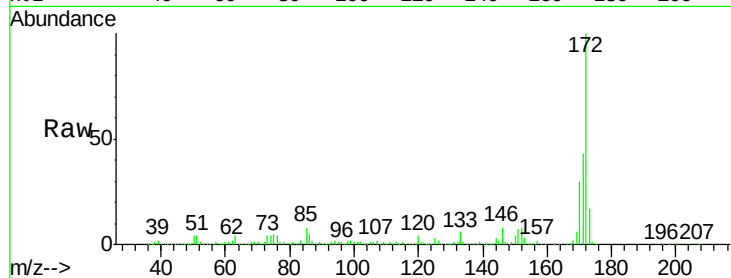




#45
2-Fluorobiphenyl
Concen: 117.815 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

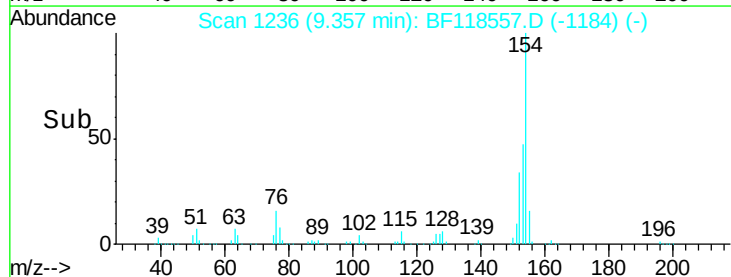
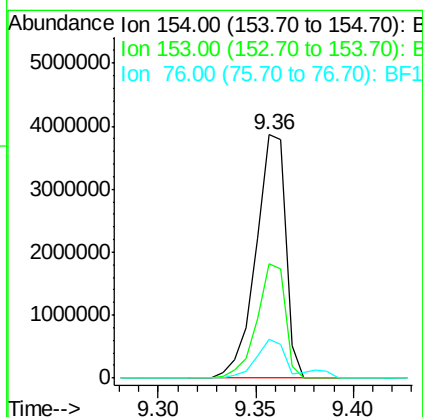
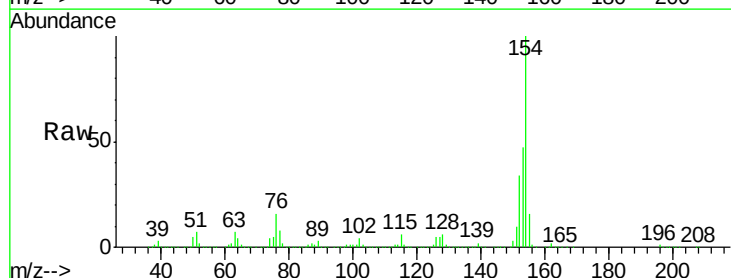
Instrument :
BNA_F
ClientSampled :

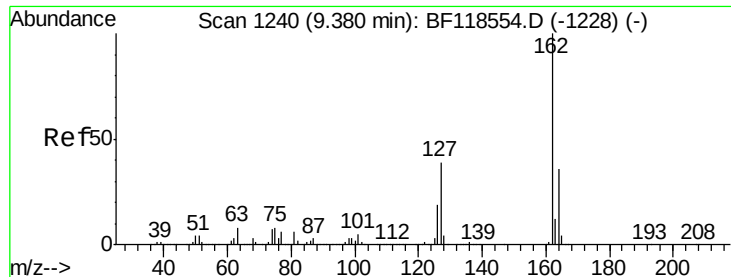
Tot Ion:172 Resp: 6099261
Ion Ratio Lower Upper
172 100
171 42.8 32.4 48.6
170 30.1 22.5 33.7



#46
1,1'-Biphenyl
Concen: 61.628 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:154 Resp: 4077817
Ion Ratio Lower Upper
154 100
153 46.7 23.7 63.7
76 16.2 0.0 35.2

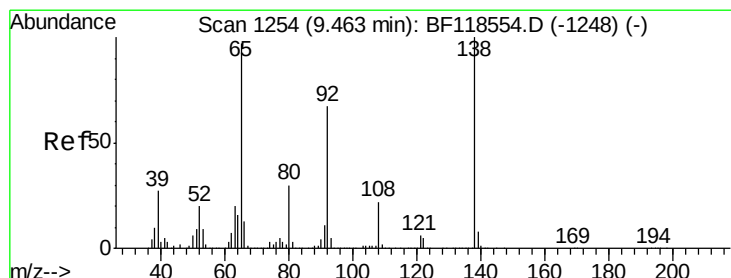
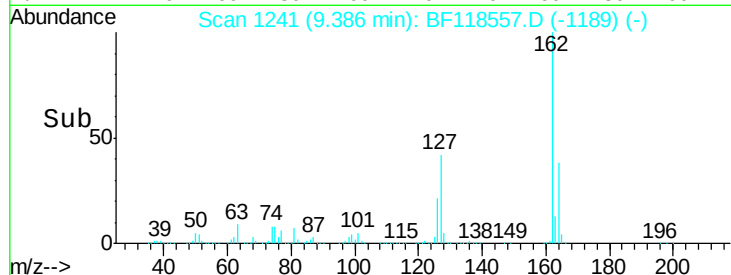
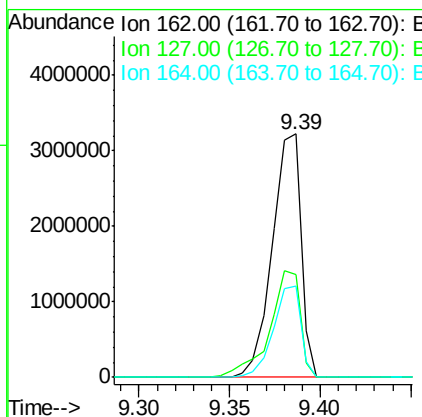
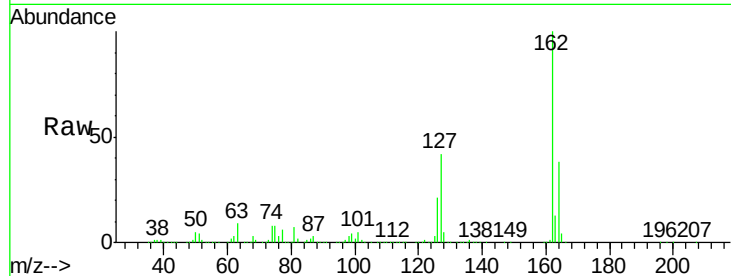




#47
2-Chloronaphthalene
Concen: 66.968 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

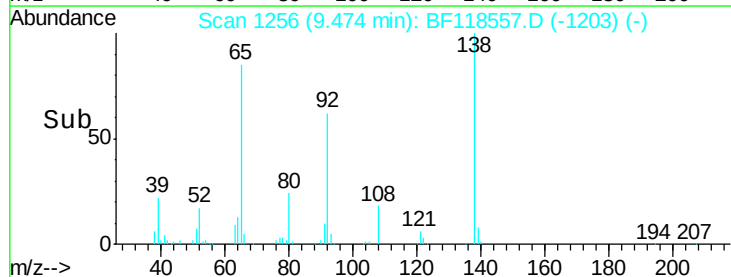
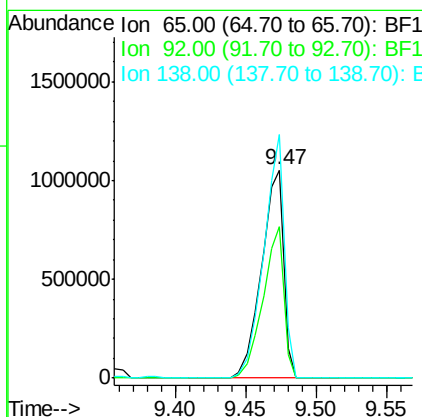
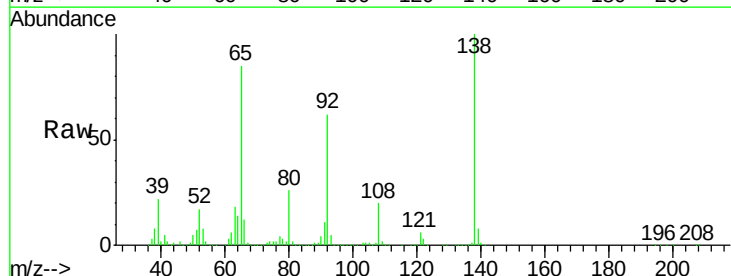
Instrument :
BNA_F
ClientSampleId :

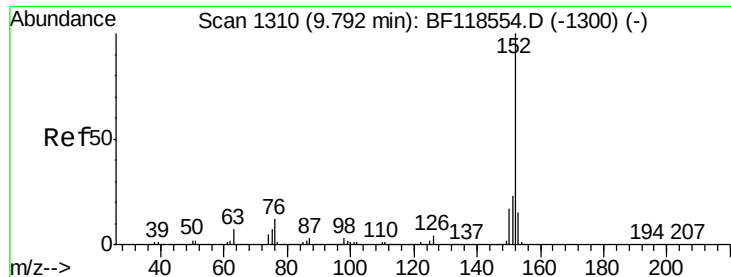
Tot Ion:162 Resp: 3557752
Ion Ratio Lower Upper
162 100
127 42.4 31.0 46.4
164 37.7 28.6 42.8



#48
2-Nitroaniline
Concen: 81.876 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion: 65 Resp: 1168198
Ion Ratio Lower Upper
65 100
92 72.7 55.3 82.9
138 117.1 82.9 124.3





#49

Acenaphthylene

Concen: 64.528 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

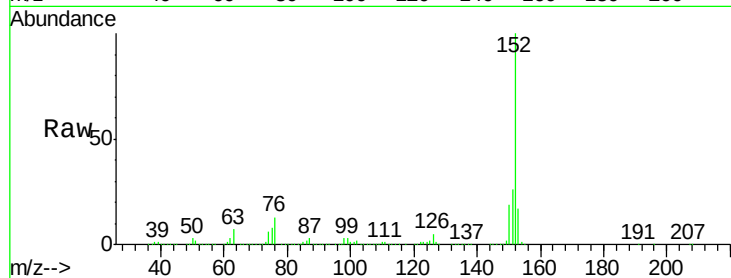
Tot Ion:152 Resp: 4995158

Ion Ratio Lower Upper

152 100

151 25.6 18.6 27.8

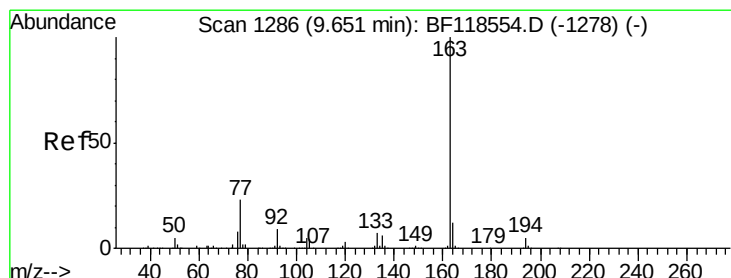
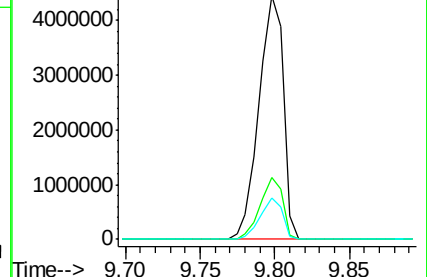
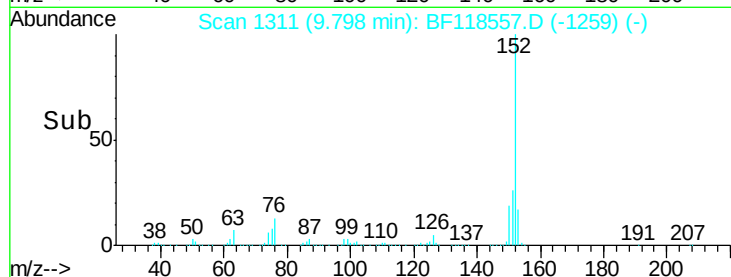
153 17.2 12.3 18.5



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: 67.239 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

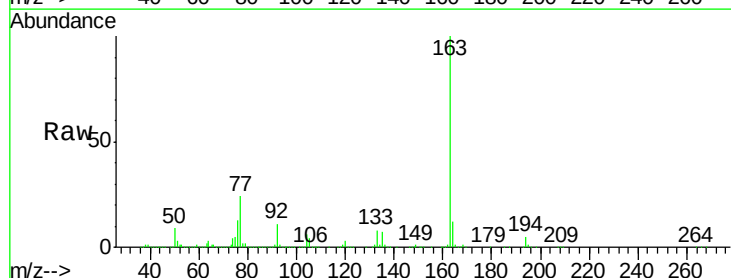
Tgt Ion:163 Resp: 4144304

Ion Ratio Lower Upper

163 100

194 5.4 3.8 5.8

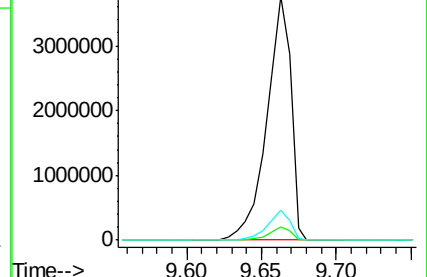
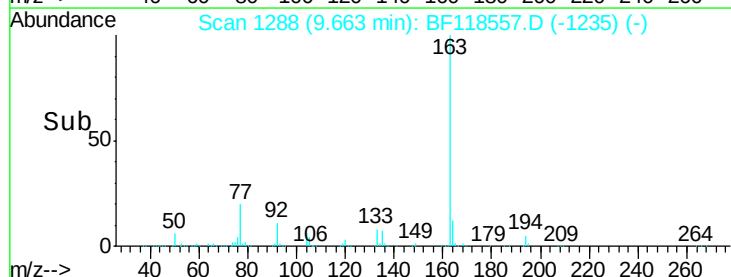
164 12.3 9.3 13.9

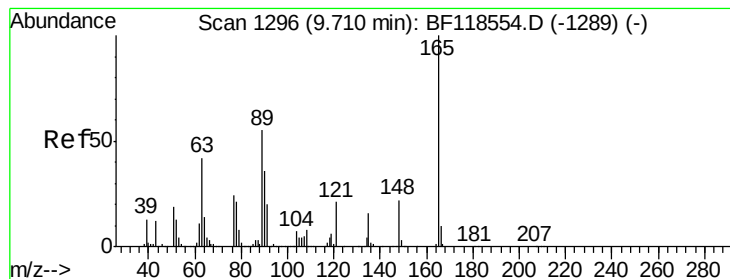


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 72.208 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampled :

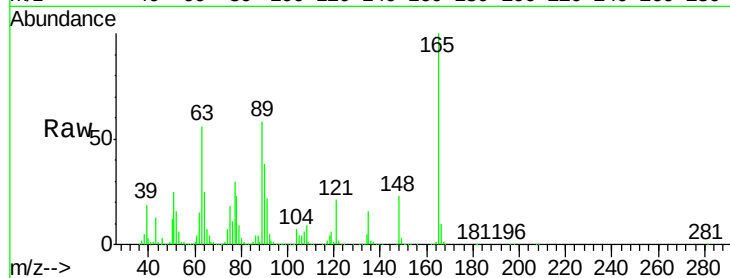
Tot Ion:165 Resp: 978578

Ion Ratio Lower Upper

165 100

63 55.9 41.9 62.9

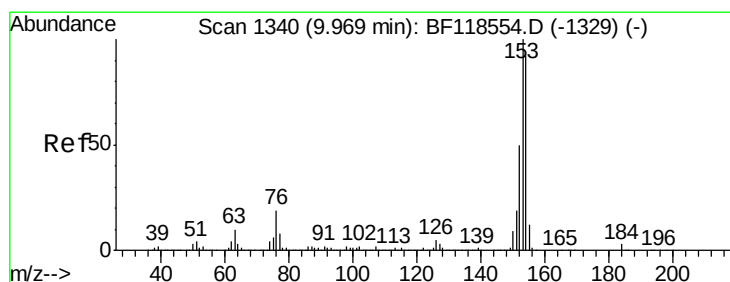
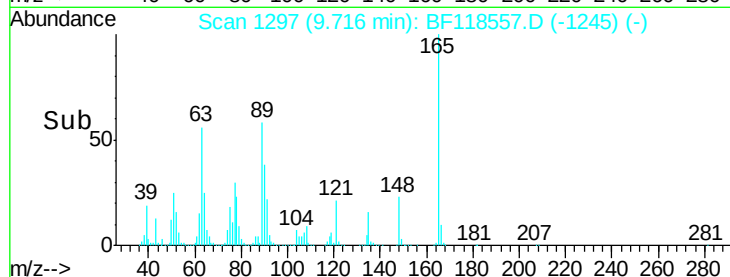
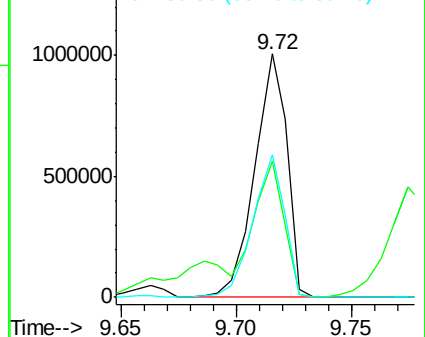
89 58.3 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 69.895 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

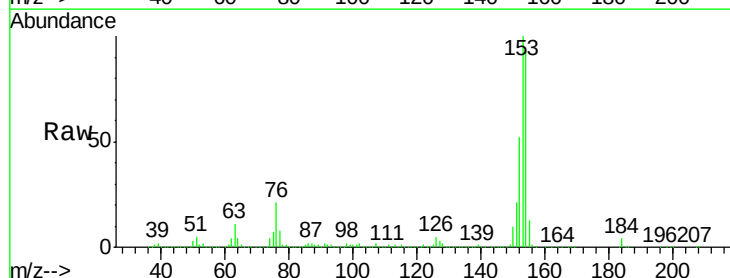
Tgt Ion:154 Resp: 3328943

Ion Ratio Lower Upper

154 100

153 107.5 87.0 130.4

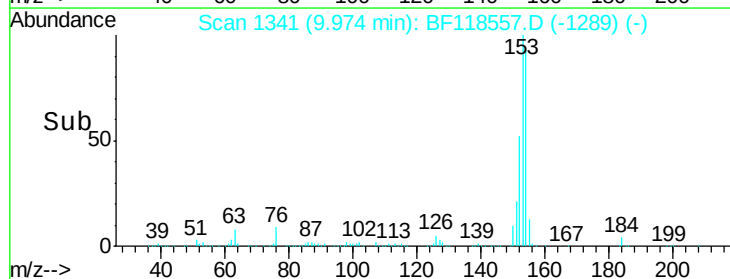
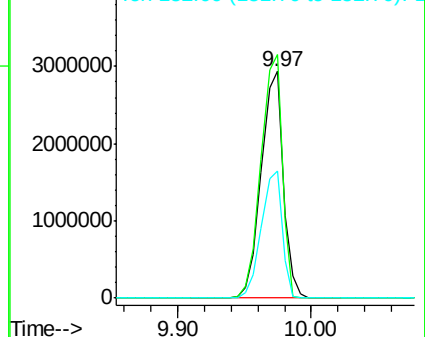
152 56.0 43.8 65.8

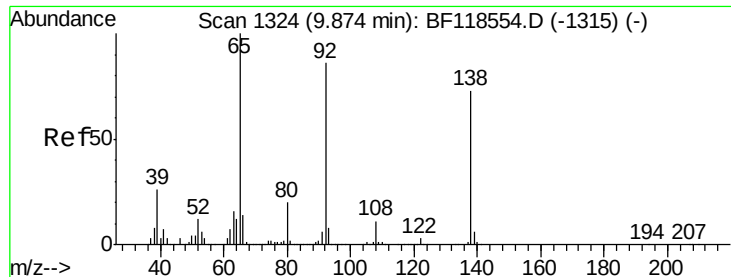


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

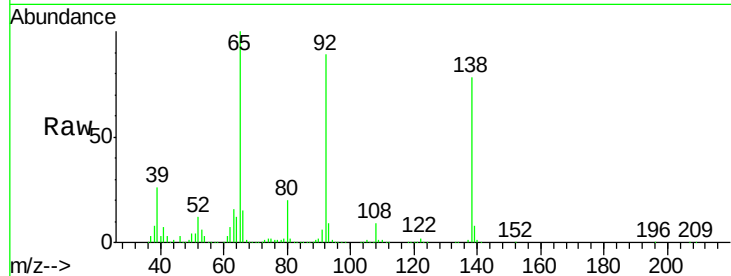




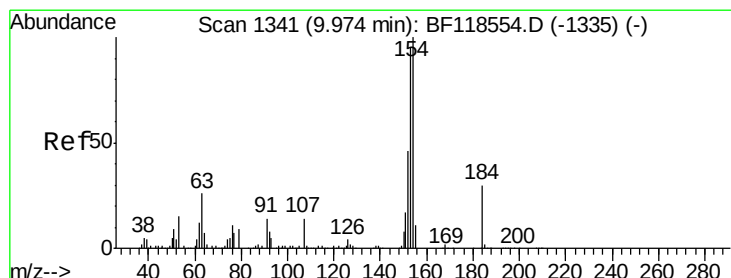
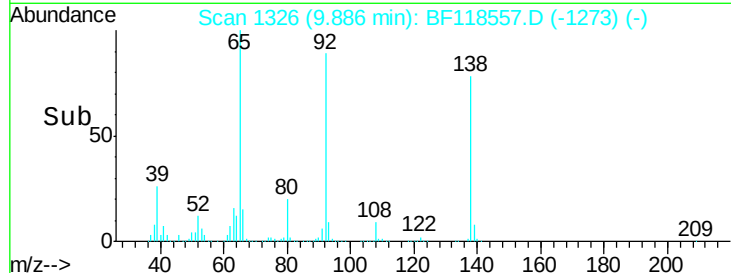
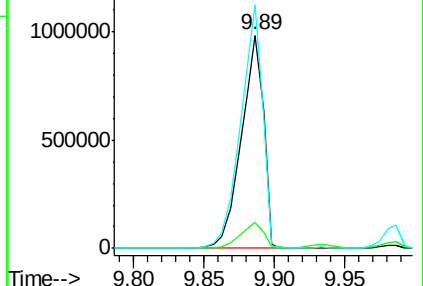
#53
3-Nitroaniline
Concen: 68.596 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 1075270
Ion Ratio Lower Upper
138 100
108 12.0 12.2 18.4#
92 114.1 94.2 141.2

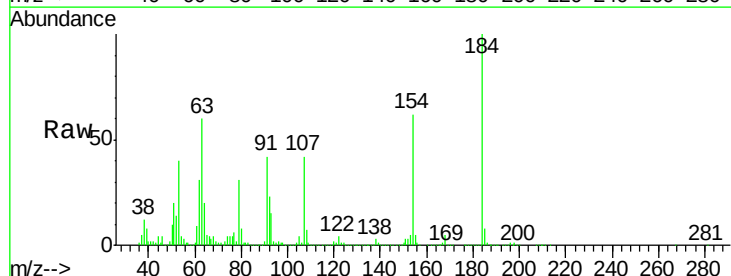


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

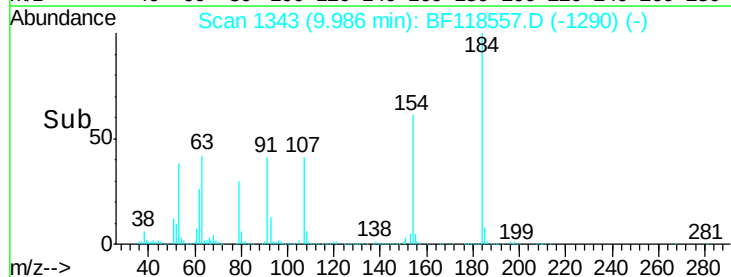
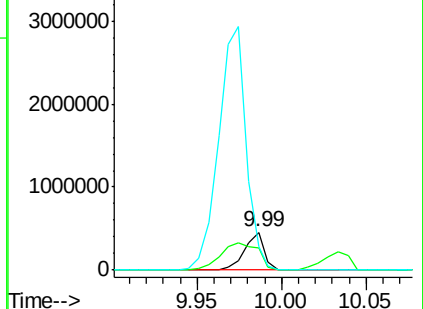


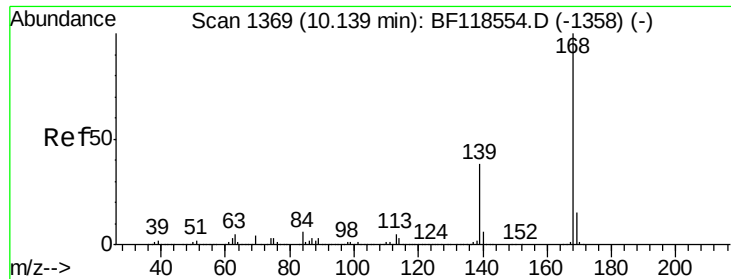
#54
2,4-Dinitrophenol
Concen: 72.812 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:184 Resp: 368540
Ion Ratio Lower Upper
184 100
63 59.8 69.4 104.0#
154 61.6 268.5 402.7#



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: 66.207 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampled :

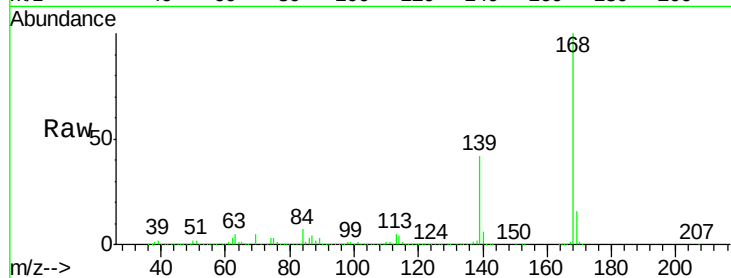
Tot Ion:168 Resp: 4575496

Ion Ratio Lower Upper

168 100

139 42.2 30.6 46.0

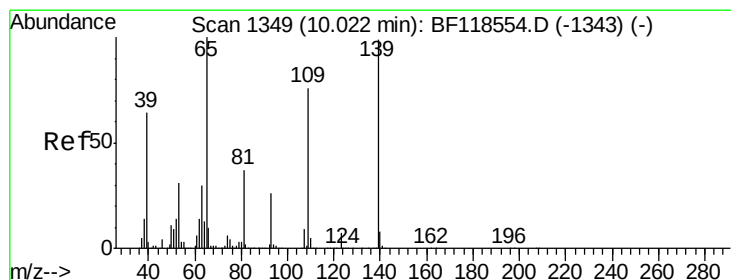
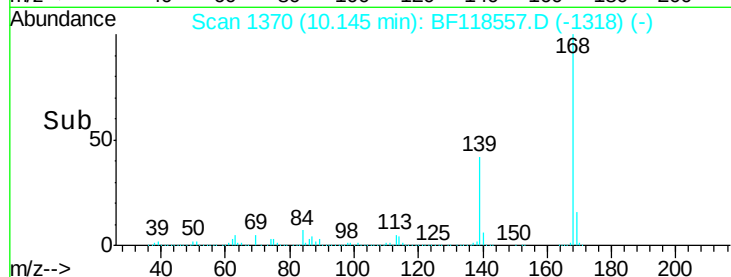
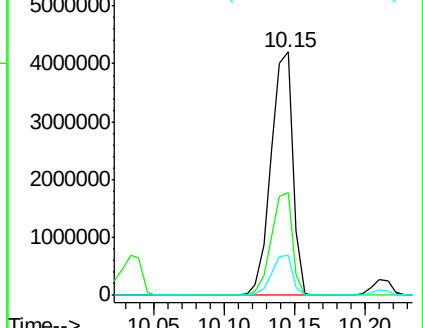
169 16.4 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 112.204 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

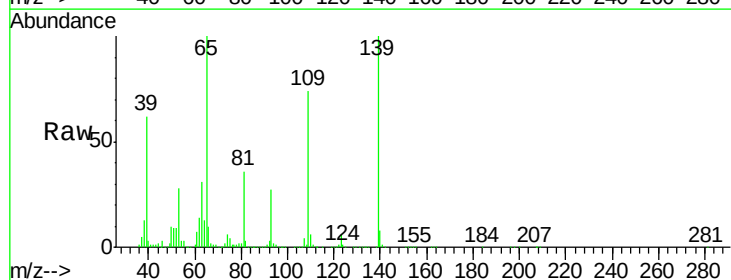
Tgt Ion:139 Resp: 806181

Ion Ratio Lower Upper

139 100

109 74.2 56.9 96.9

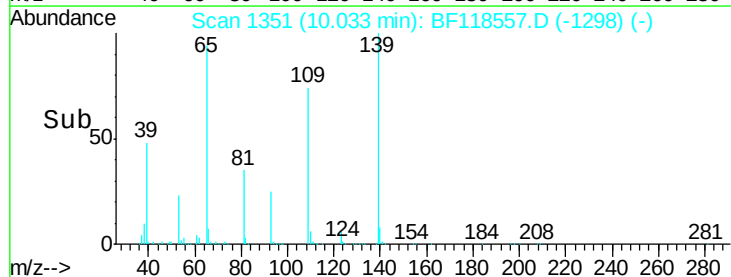
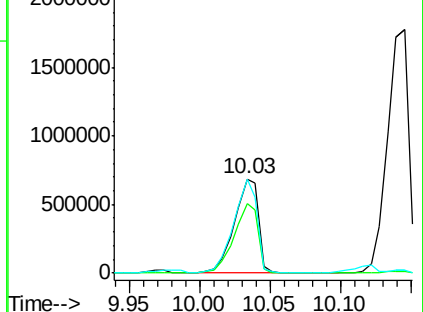
65 99.9 81.7 121.7

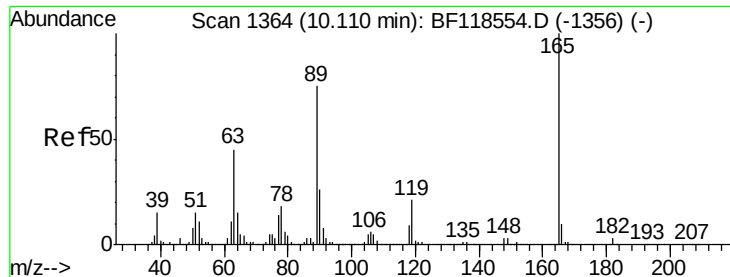


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

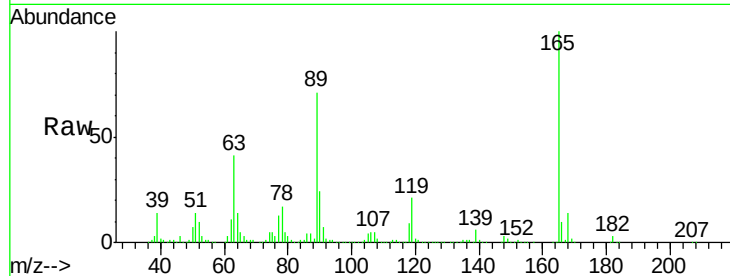




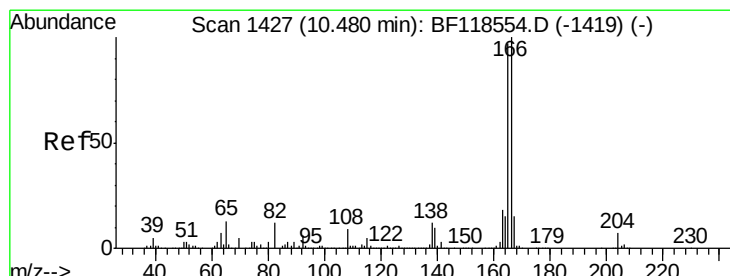
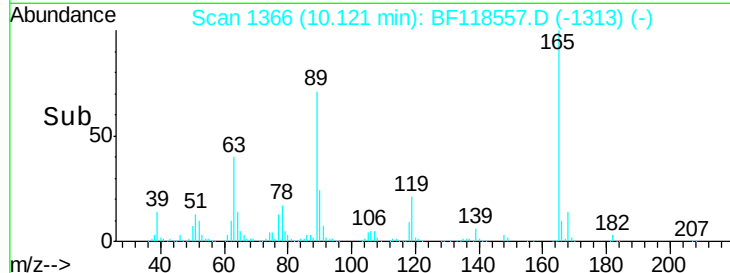
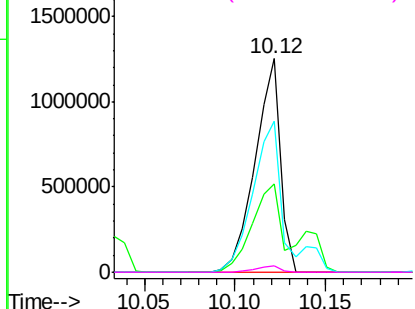
#57
2,4-Dinitrotoluene
Concen: 70.222 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 1216455
Ion Ratio Lower Upper
165 100
63 41.4 35.8 53.6
89 70.9 59.9 89.9
182 2.9 2.2 3.2

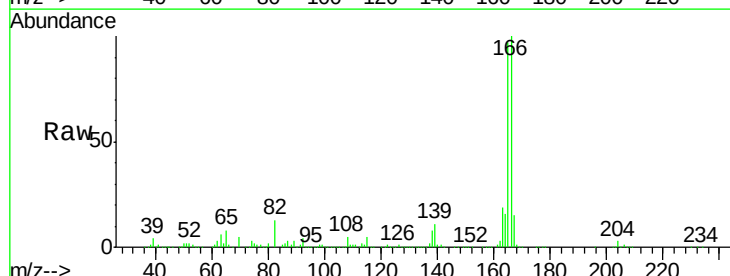


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

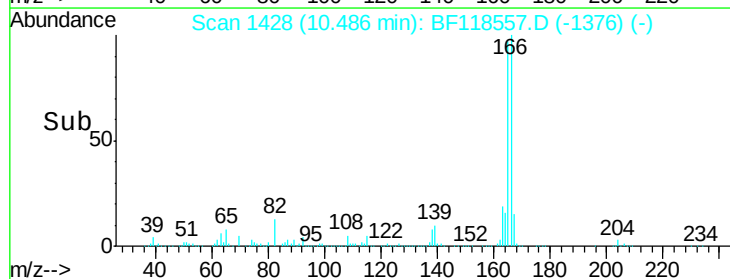
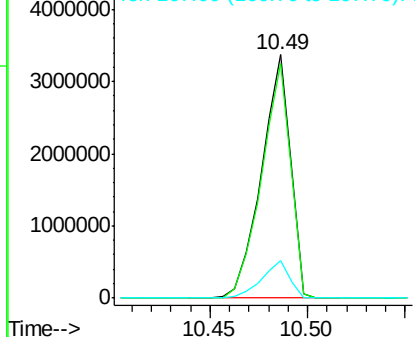


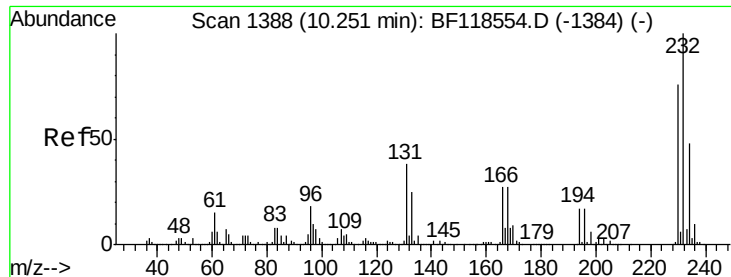
#58
Fluorene
Concen: 61.638 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:166 Resp: 3460230
Ion Ratio Lower Upper
166 100
165 96.6 77.8 116.8
167 15.3 11.7 17.5



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

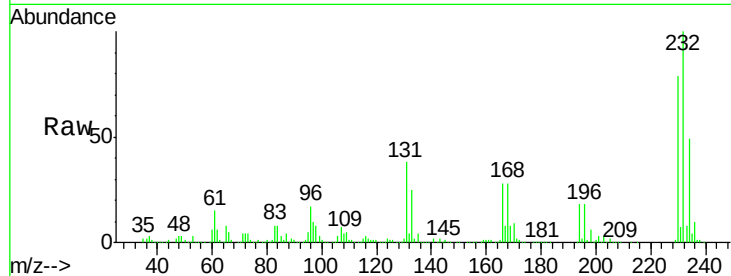




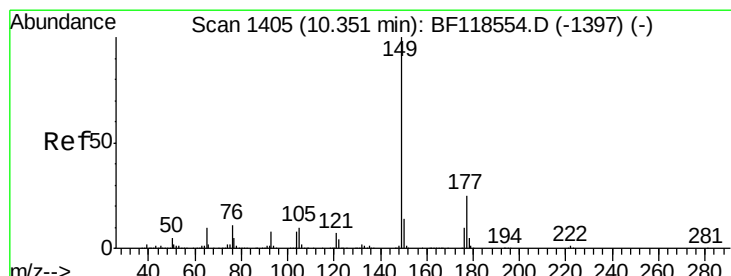
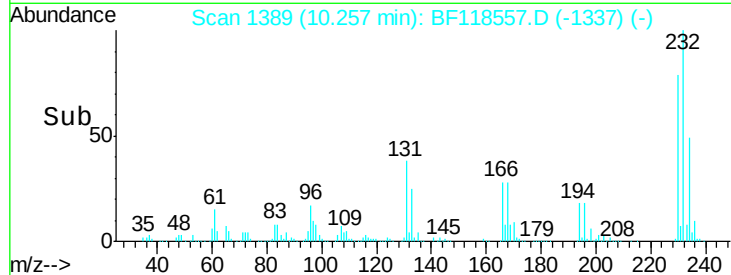
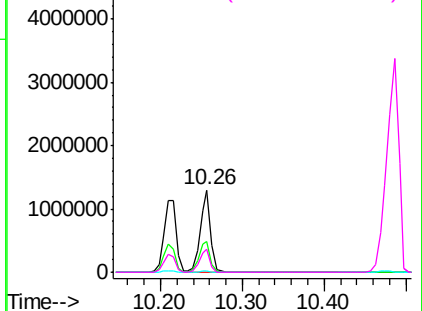
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 83.664 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: BF118557.D
 Acq: 17 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 1132991
 Ion Ratio Lower Upper
 232 100
 131 40.7 32.3 48.5
 130 2.1 1.7 2.5
 166 28.4 22.2 33.2

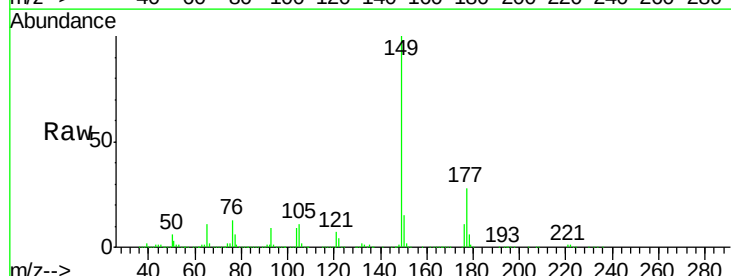


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

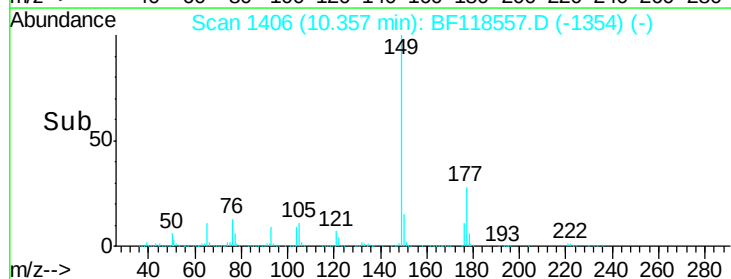
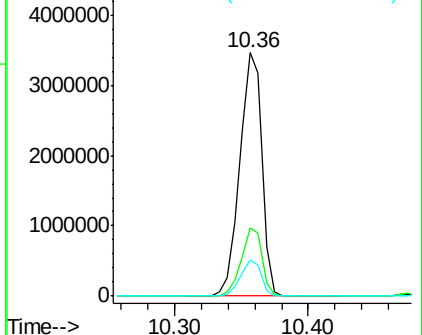


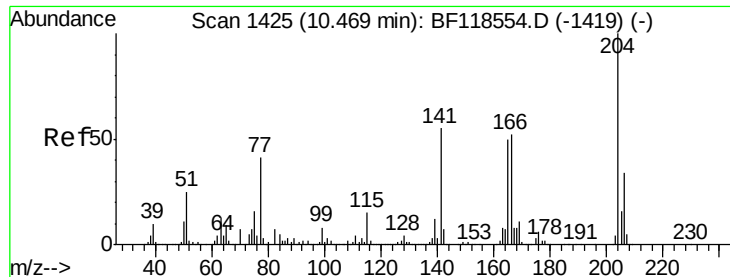
#60
 Diethylphthalate
 Concen: 64.225 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF118557.D
 Acq: 17 Jan 2020 12:58

Tgt Ion:149 Resp: 3944338
 Ion Ratio Lower Upper
 149 100
 177 27.9 20.2 30.4
 150 15.0 11.0 16.4



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

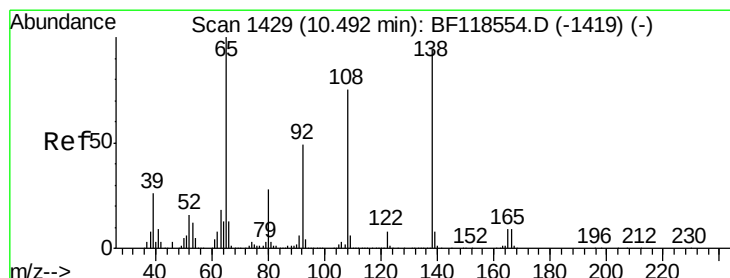
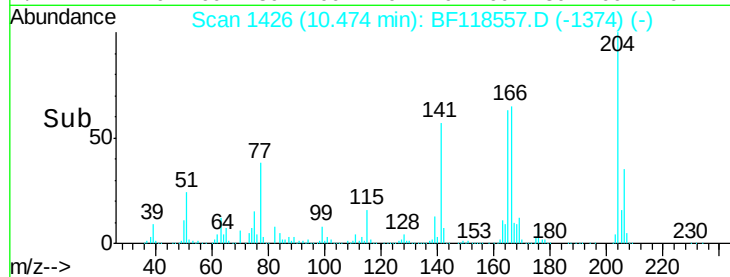
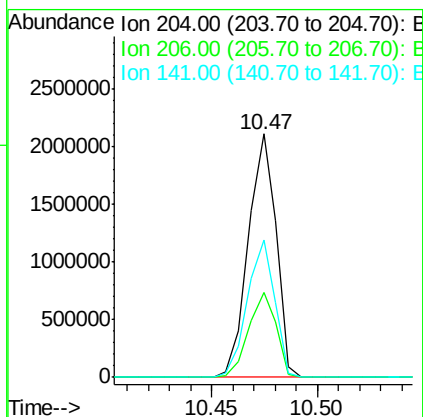
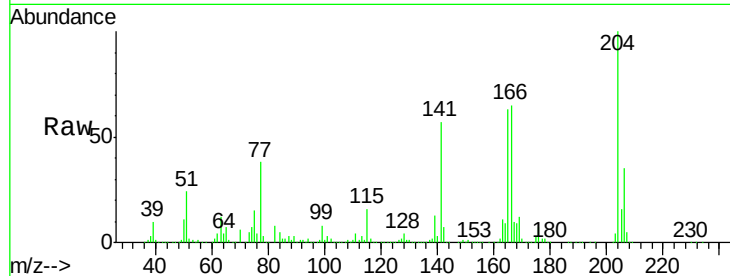




#61
4-Chlorophenyl-phenylether
Concen: 68.199 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

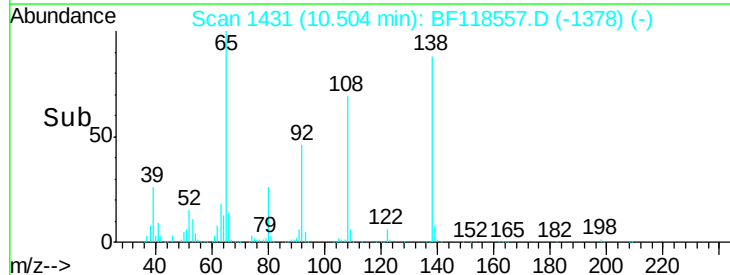
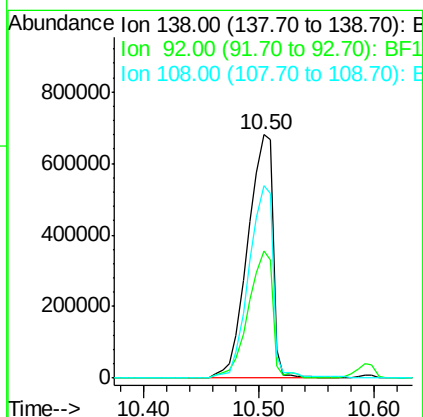
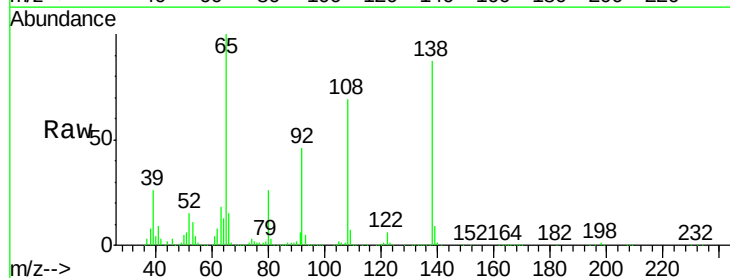
Instrument :
BNA_F
ClientSampleId :

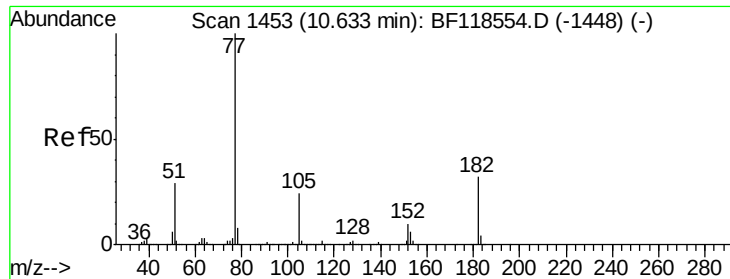
Tot Ion:204 Resp: 1926168
Ion Ratio Lower Upper
204 100
206 35.1 27.1 40.7
141 56.6 44.4 66.6



#62
4-Nitroaniline
Concen: 67.201 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:138 Resp: 1040227
Ion Ratio Lower Upper
138 100
92 52.3 31.7 71.7
108 79.1 59.6 99.6





#63

Azobenzene

Concen: 75.154 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 3822985

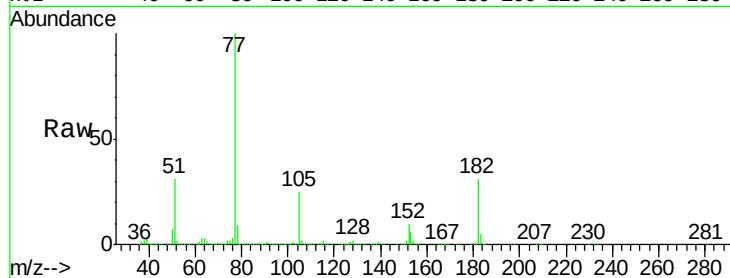
Ion	Ratio	Lower	Upper
77	100		
182	30.8	11.7	51.7
105	24.7	3.6	43.6
51	31.3	9.0	49.0

77 100

182 30.8 11.7 51.7

105 24.7 3.6 43.6

51 31.3 9.0 49.0

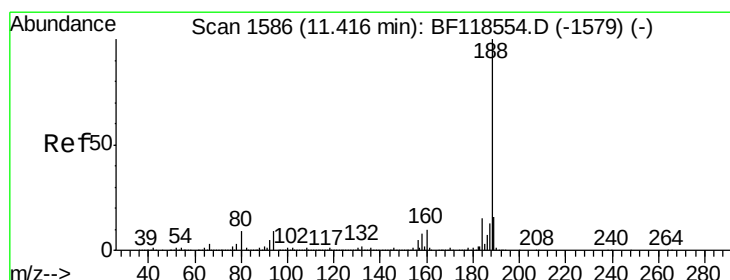
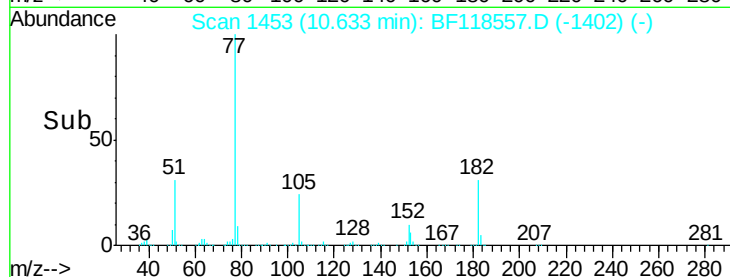
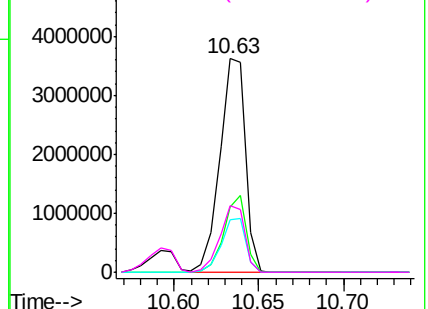


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

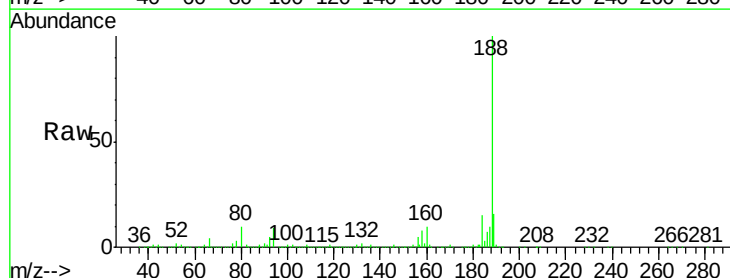
Tgt Ion: 188 Resp: 1463812

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	10.3	7.4	11.2

188 100

94 9.1 7.0 10.4

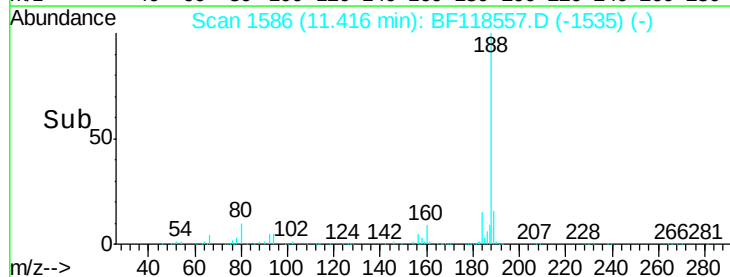
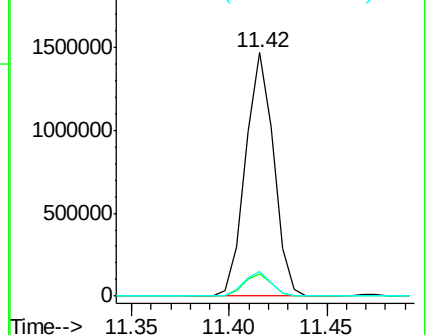
80 10.3 7.4 11.2

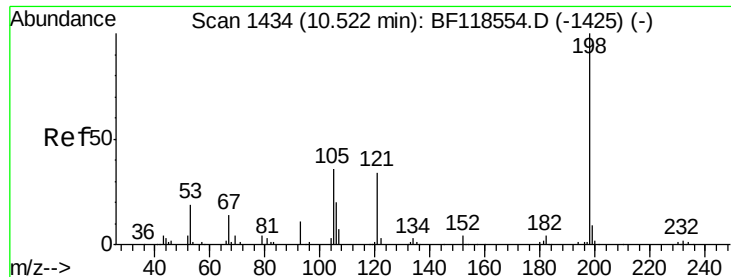


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 67.197 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

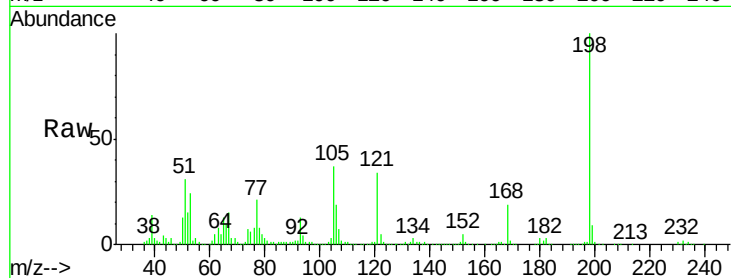
Tot Ion:198 Resp: 519029

Ion	Ratio	Lower	Upper
198	100		
51	30.5	13.2	53.2
105	36.5	17.2	57.2

198 100

51 30.5 13.2 53.2

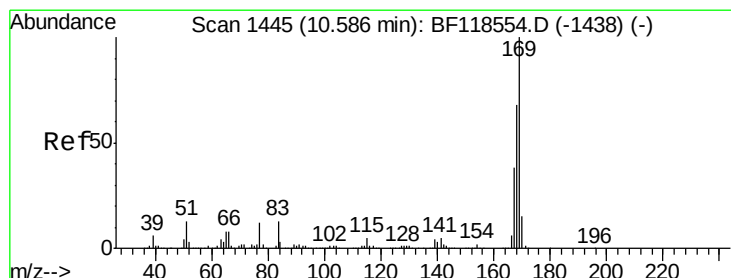
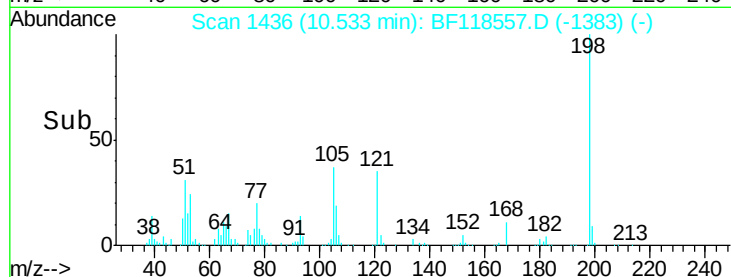
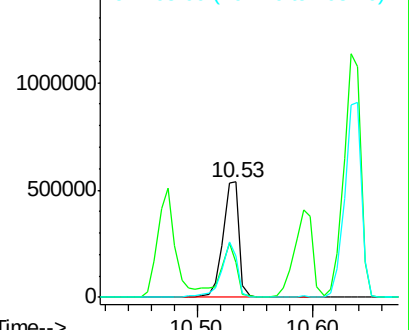
105 36.5 17.2 57.2



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: 70.010 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

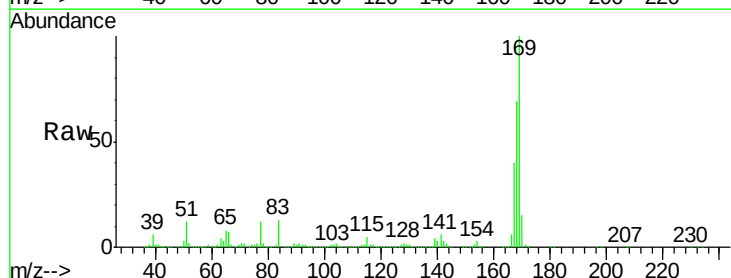
Tgt Ion:169 Resp: 3364674

Ion	Ratio	Lower	Upper
169	100		
168	69.5	54.2	81.4
167	39.9	30.5	45.7

169 100

168 69.5 54.2 81.4

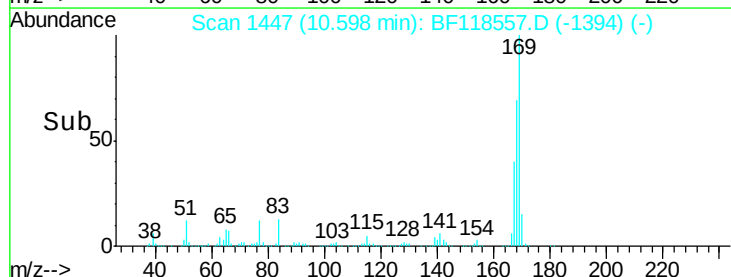
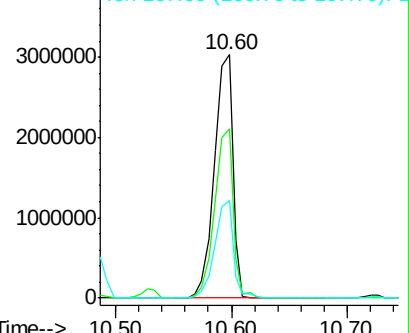
167 39.9 30.5 45.7

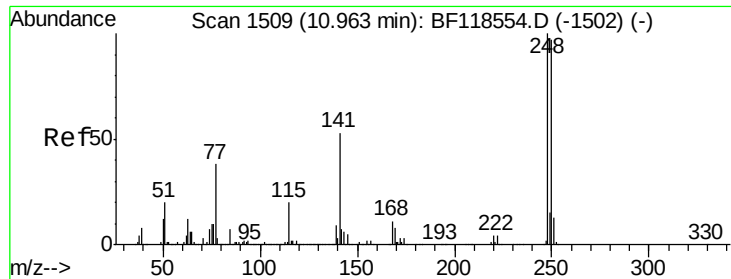


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

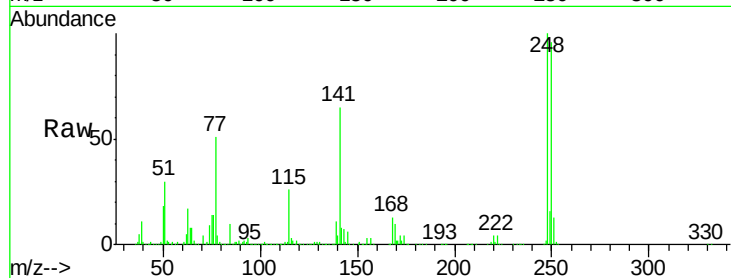




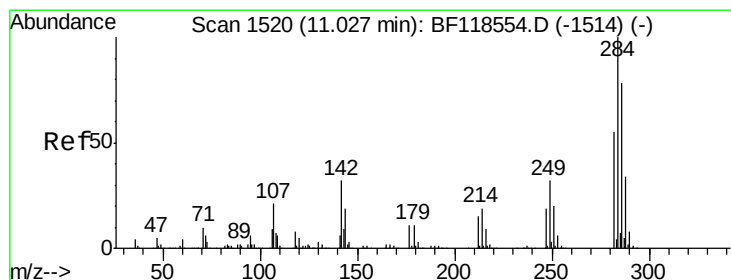
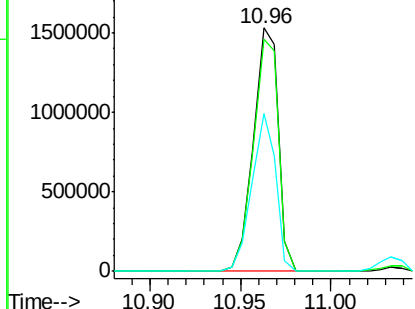
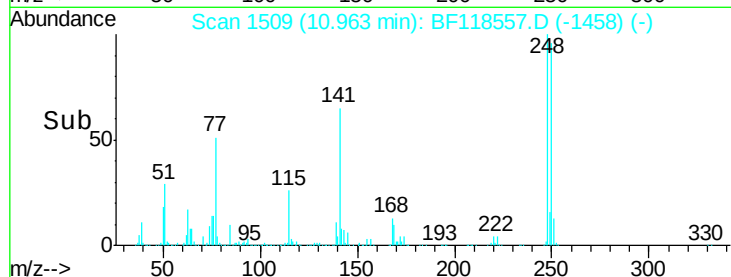
#67
4-Bromophenyl-phenylether
Concen: 82.975 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 1464181
Ion Ratio Lower Upper
248 100
250 95.6 77.8 116.8
141 65.0 42.7 64.1#

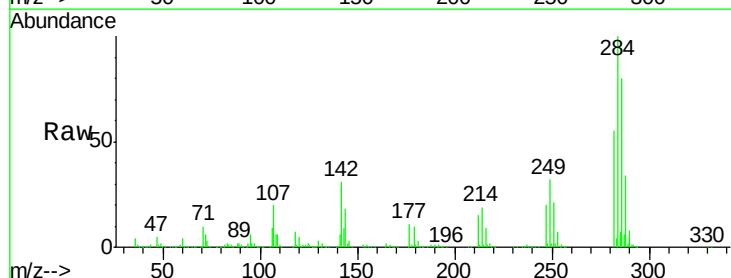


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

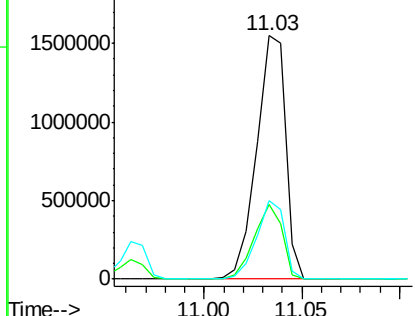
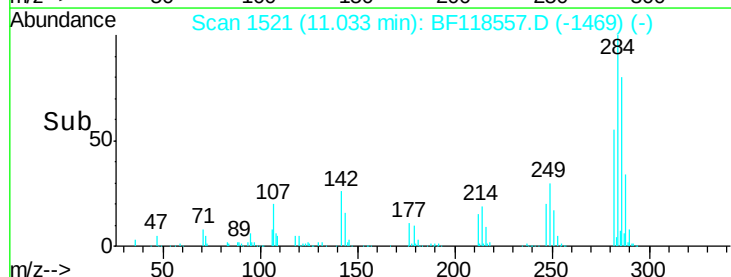


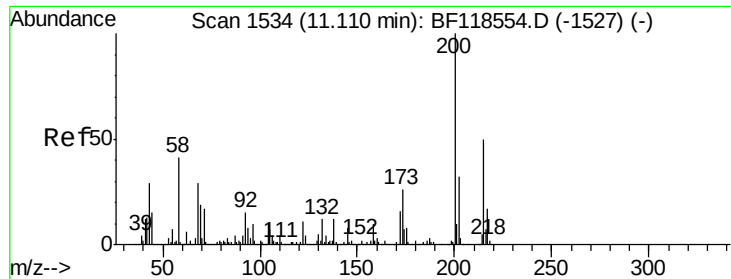
#68
Hexachlorobenzene
Concen: 76.239 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:284 Resp: 1595110
Ion Ratio Lower Upper
284 100
142 30.7 25.6 38.4
249 32.1 25.6 38.4



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

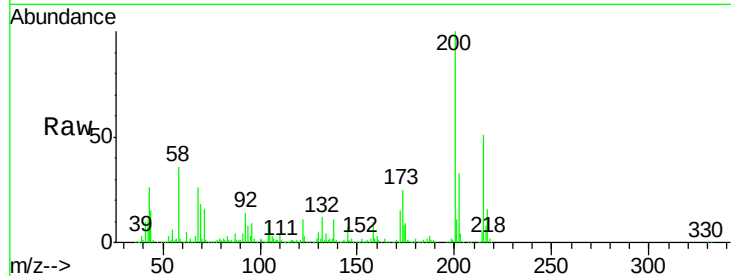




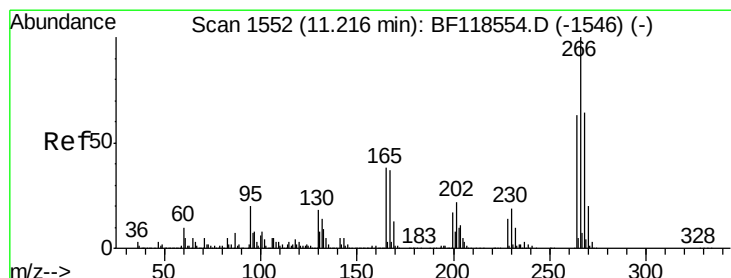
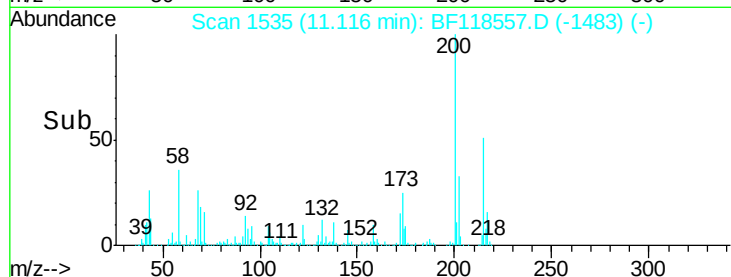
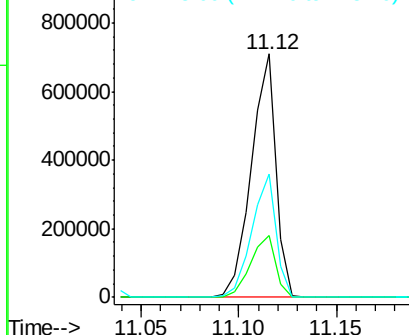
#69
Atrazine
Concen: 53.637 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.8	45.8
215	50.5	29.8	69.8

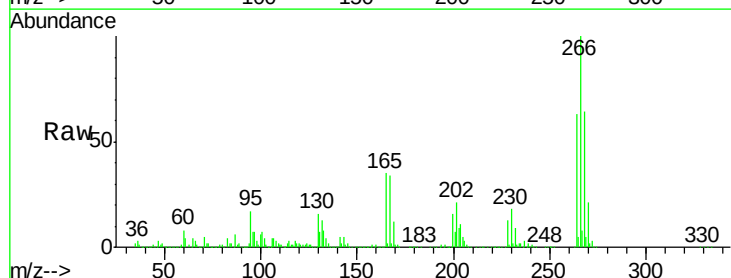


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

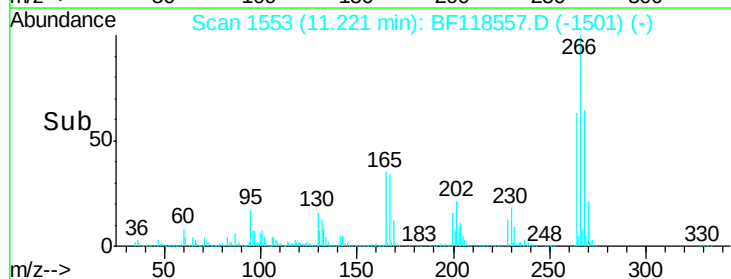
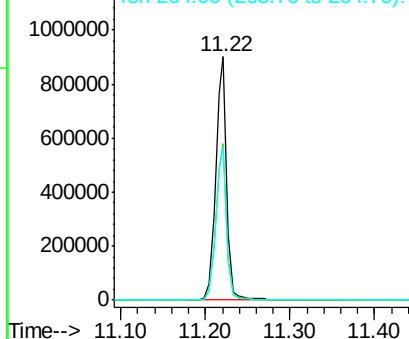


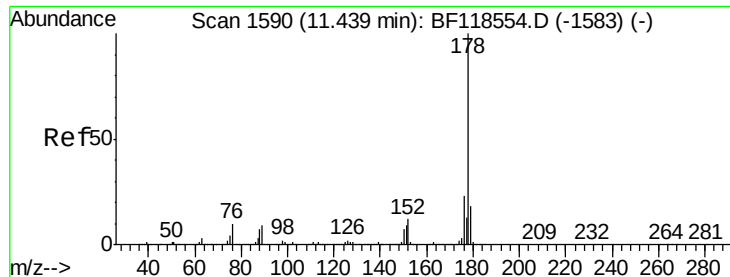
#70
Pentachlorophenol
Concen: 146.333 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.0	76.4
264	62.8	50.5	75.7



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

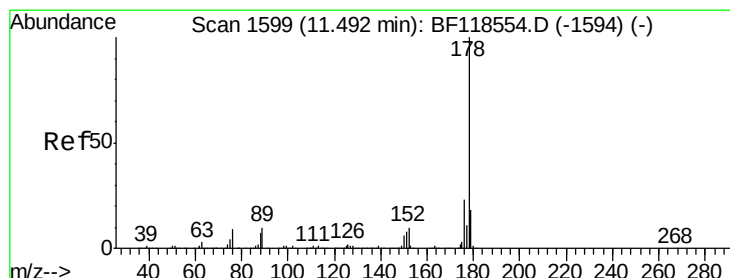
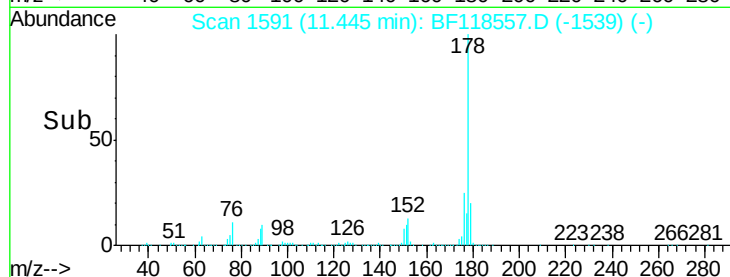
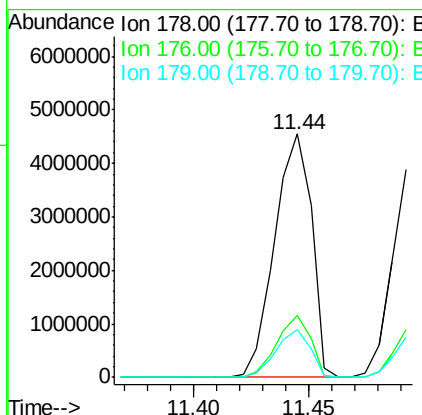
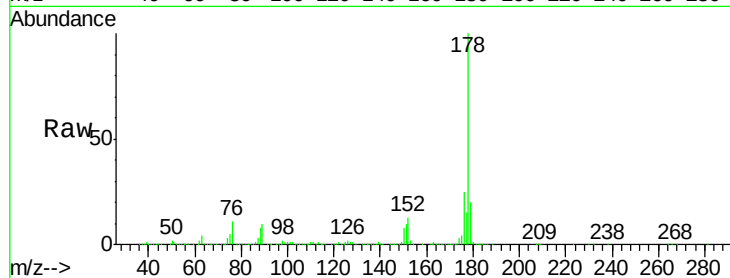




#71
Phenanthrene
Concen: 64.016 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

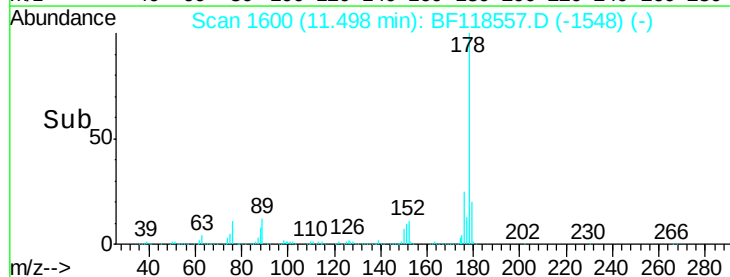
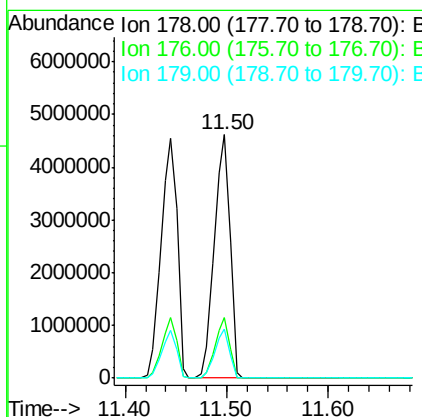
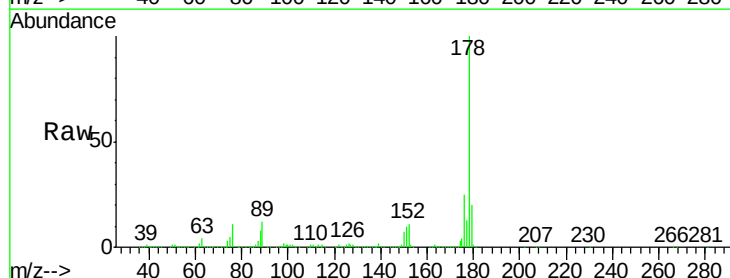
Instrument :
BNA_F
ClientSampleId :

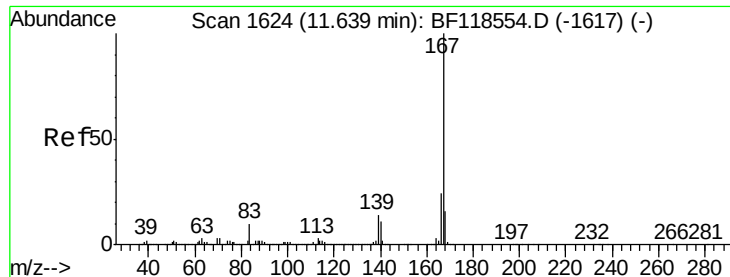
Tot Ion:178 Resp: 5044369
Ion Ratio Lower Upper
178 100
176 25.4 18.6 28.0
179 19.8 14.6 22.0



#72
Anthracene
Concen: 63.230 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:178 Resp: 4965908
Ion Ratio Lower Upper
178 100
176 25.0 18.1 27.1
179 20.3 14.7 22.1

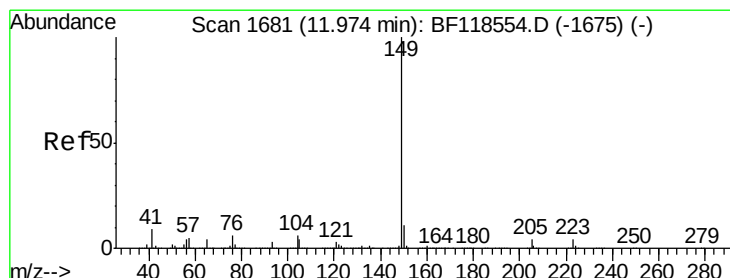
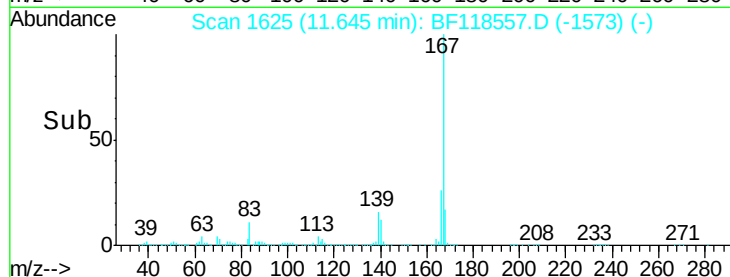
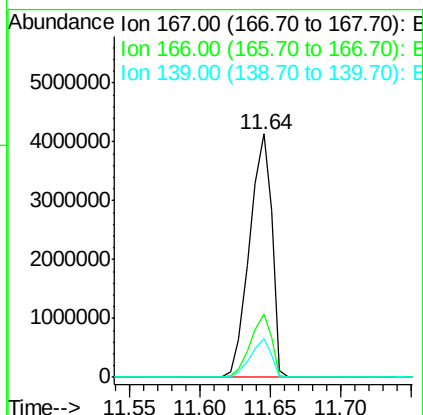
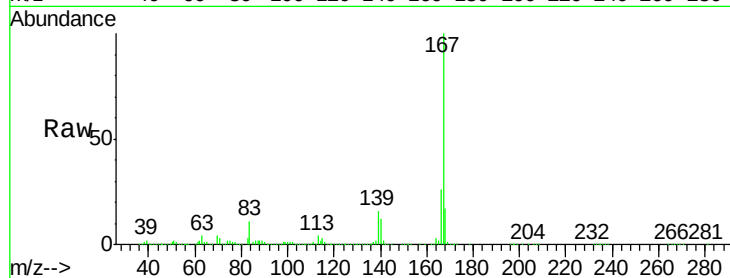




#73
 Carbazole
 Concen: 65.663 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF118557.D
 Acq: 17 Jan 2020 12:58

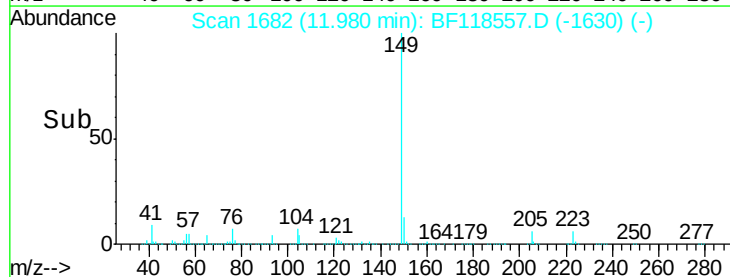
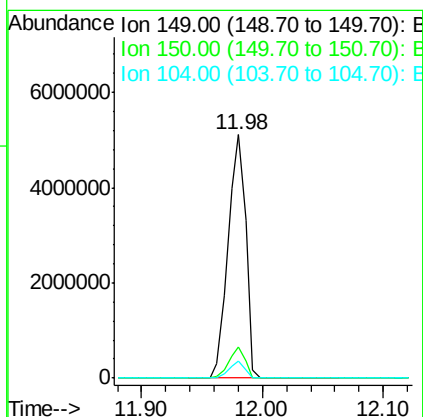
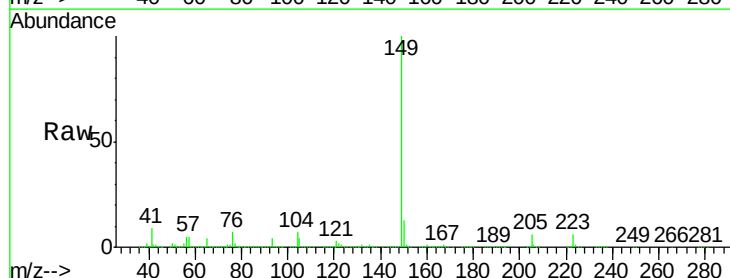
Instrument :
 BNA_F
 ClientSampleId :

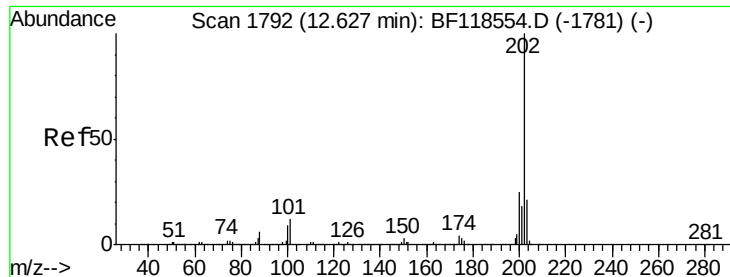
Tot Ion:167 Resp: 4607151
 Ion Ratio Lower Upper
 167 100
 166 26.1 19.5 29.3
 139 15.9 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 57.073 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.01 min
 Lab File: BF118557.D
 Acq: 17 Jan 2020 12:58

Tgt Ion:149 Resp: 5179322
 Ion Ratio Lower Upper
 149 100
 150 12.9 9.0 13.6
 104 6.8 5.0 7.4

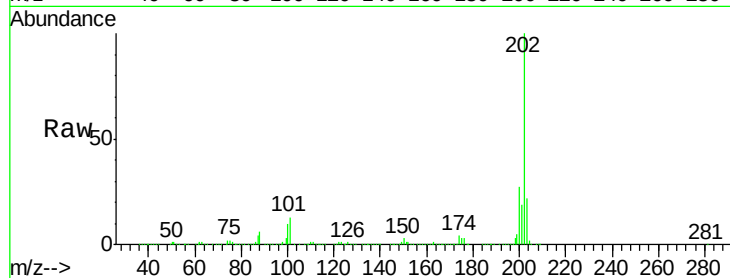




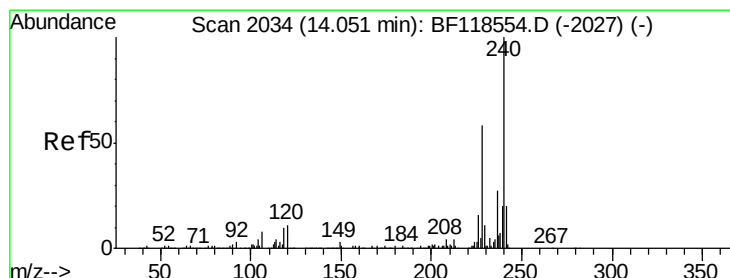
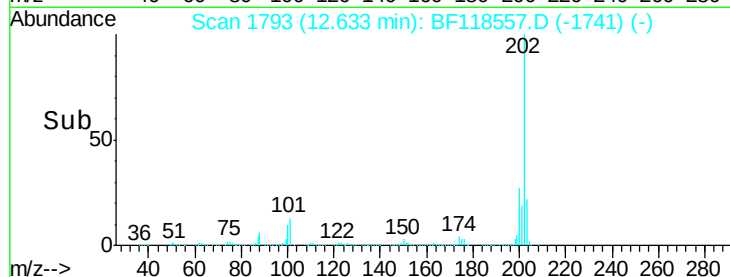
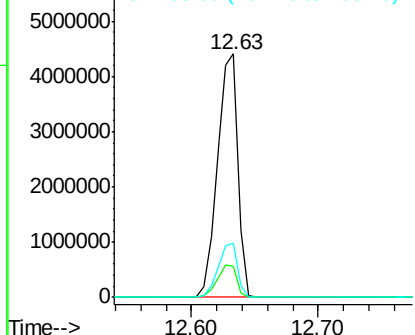
#75
 Fluoranthene
 Concen: 62.996 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.01 min
 Lab File: BF118557.D
 Acq: 17 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 4958839
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 31.9
 203 22.5 0.9 40.9

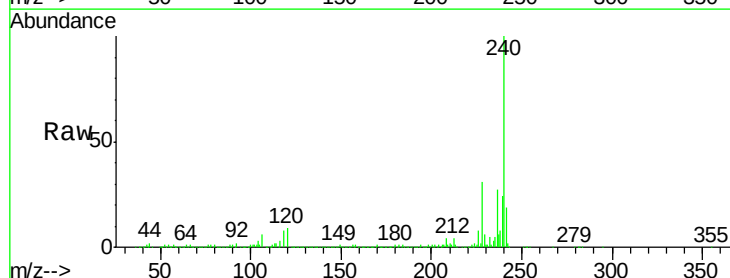


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

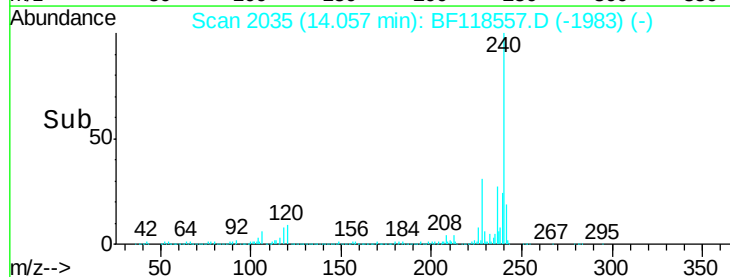
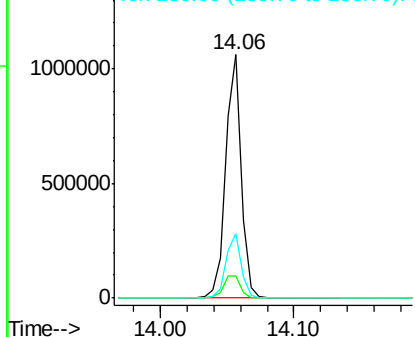


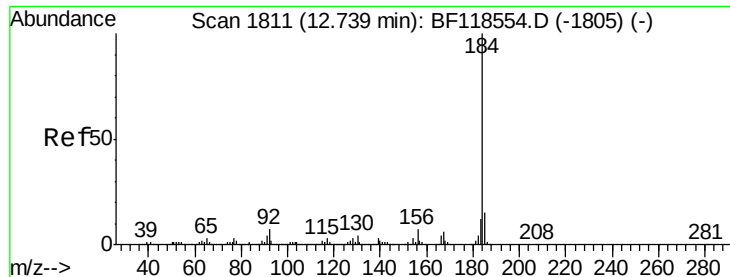
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118557.D
 Acq: 17 Jan 2020 12:58

Tgt Ion:240 Resp: 872334
 Ion Ratio Lower Upper
 240 100
 120 8.9 8.7 13.1
 236 26.7 21.8 32.8



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: 89.421 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

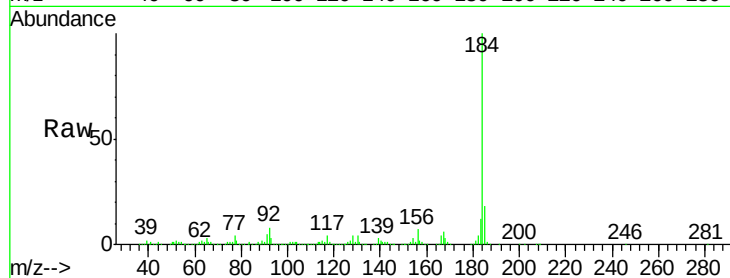
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1741076

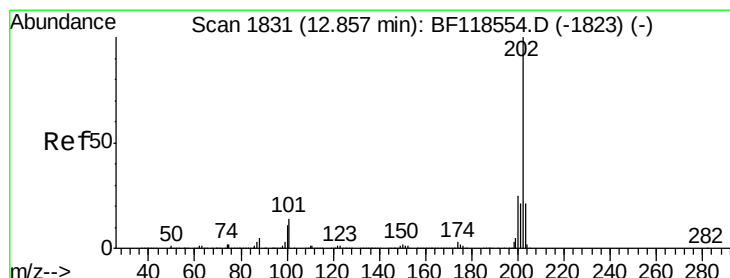
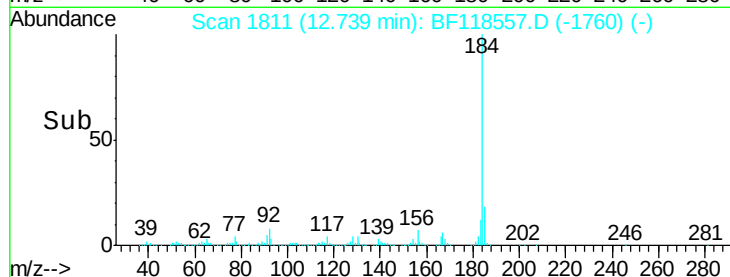
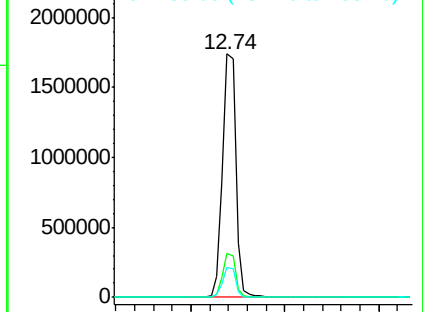
Ion	Ratio	Lower	Upper
184	100		
185	18.2	12.3	18.5
183	12.2	9.5	14.3



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: 67.873 ng

RT: 12.86 min Scan# 1832

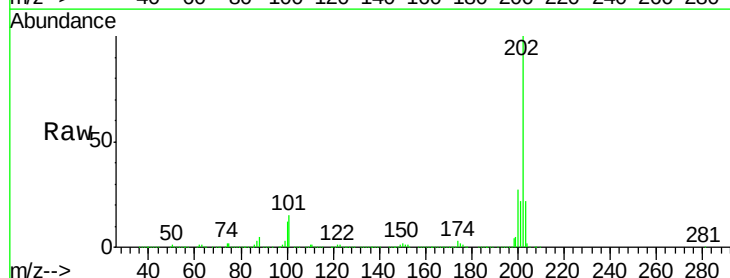
Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Tgt Ion:202 Resp: 5003021

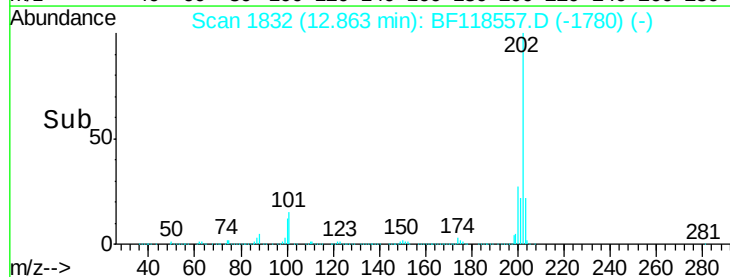
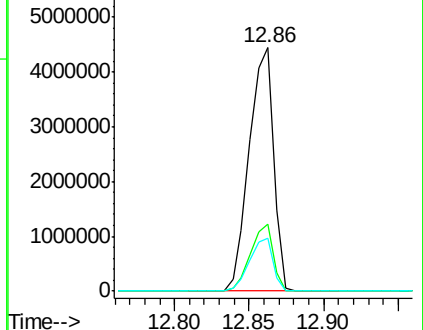
Ion	Ratio	Lower	Upper
202	100		
200	27.4	20.2	30.4
203	21.9	16.6	25.0

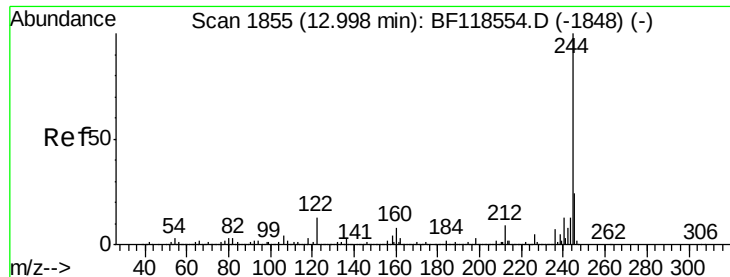


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 120.697 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

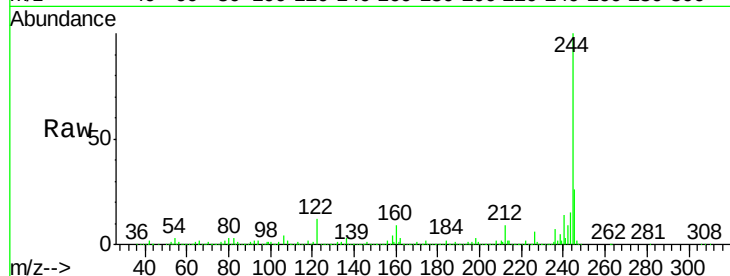
Tot Ion:244 Resp: 6353031

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.4

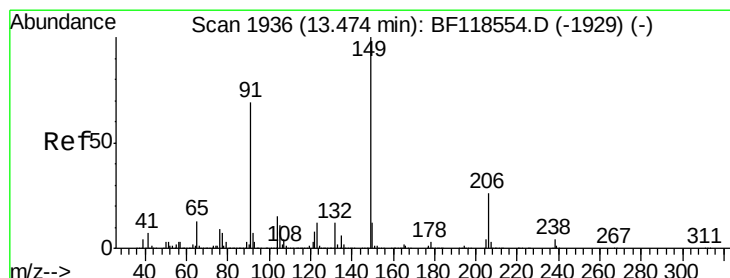
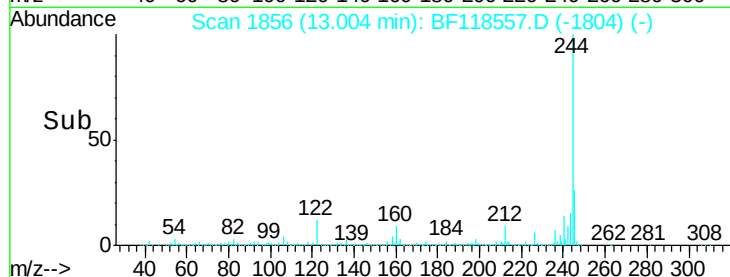
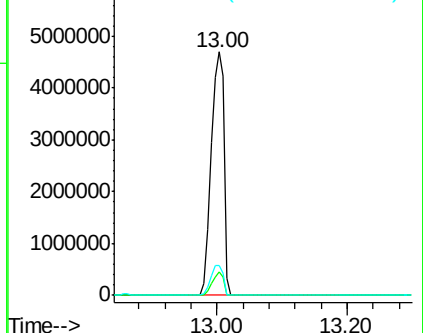
122 12.3 10.4 15.6



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: 66.540 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

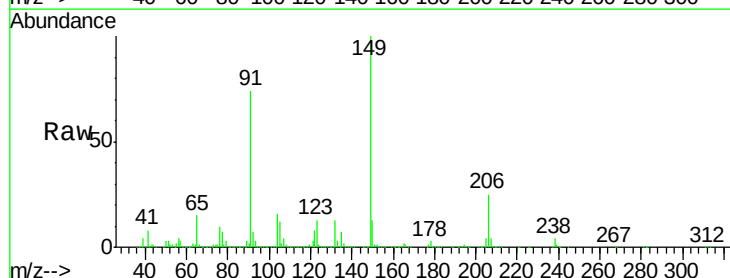
Tgt Ion:149 Resp: 2195508

Ion Ratio Lower Upper

149 100

91 73.8 55.5 83.3

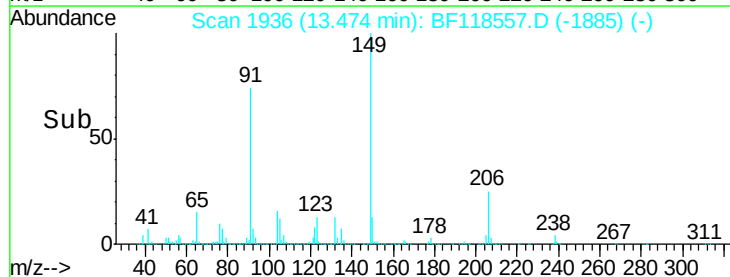
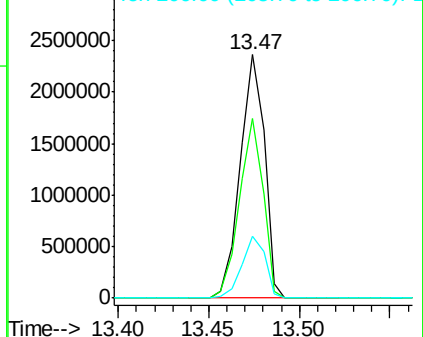
206 25.2 20.7 31.1

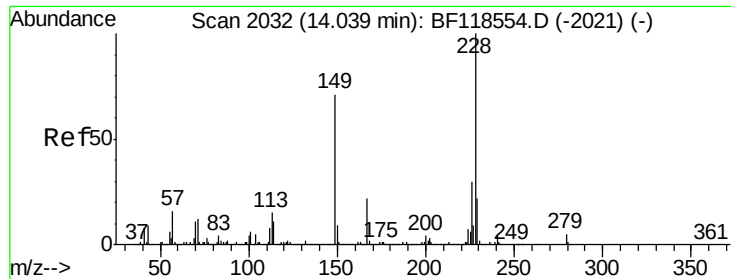


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

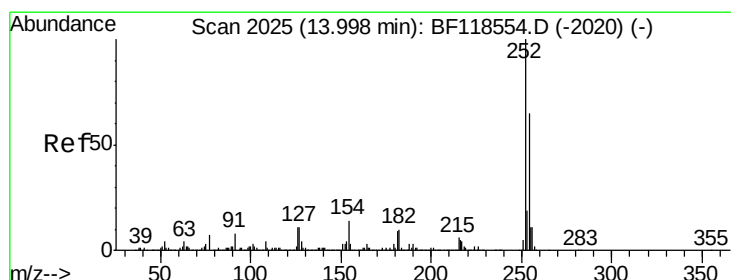
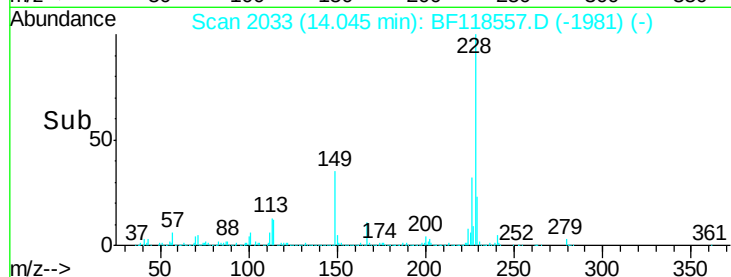
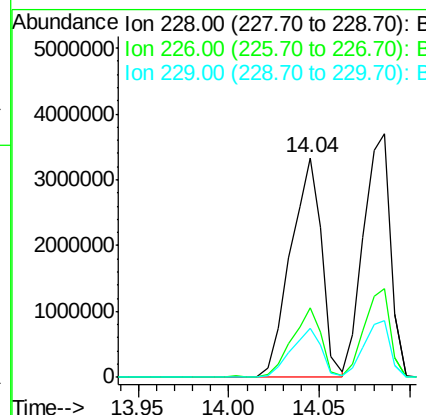
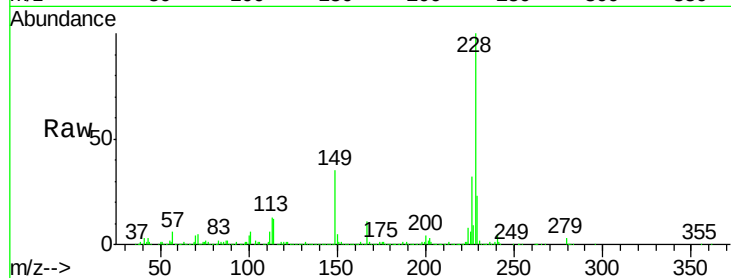




#81
Benzo(a)anthracene
Concen: 66.303 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

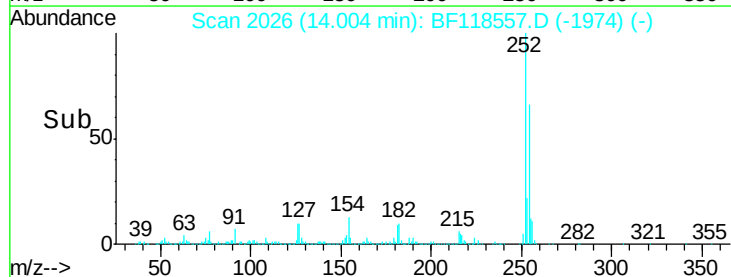
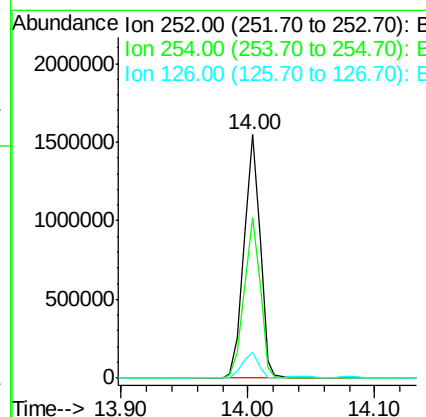
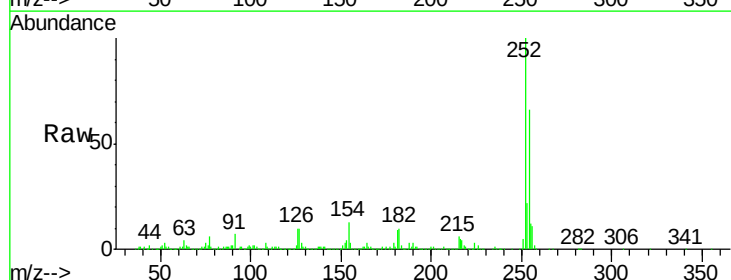
Instrument :
BNA_F
ClientSampled :

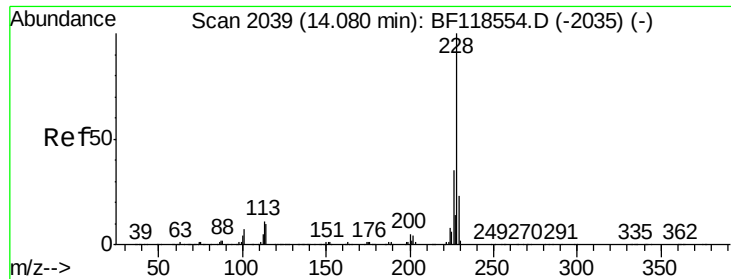
Tot Ion:228 Resp: 4009113
Ion Ratio Lower Upper
228 100
226 31.6 23.7 35.5
229 22.5 17.3 25.9



#82
3,3'-Dichlorobenzidine
Concen: 65.497 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:252 Resp: 1344683
Ion Ratio Lower Upper
252 100
254 66.0 52.0 78.0
126 10.4 9.1 13.7

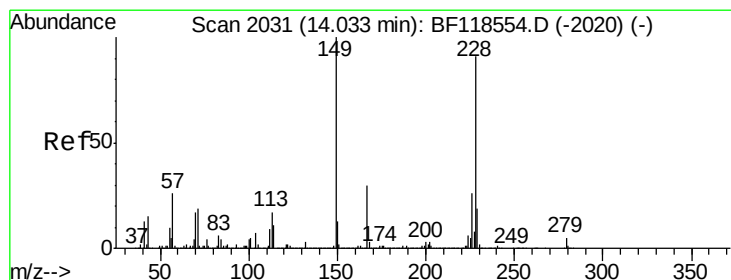
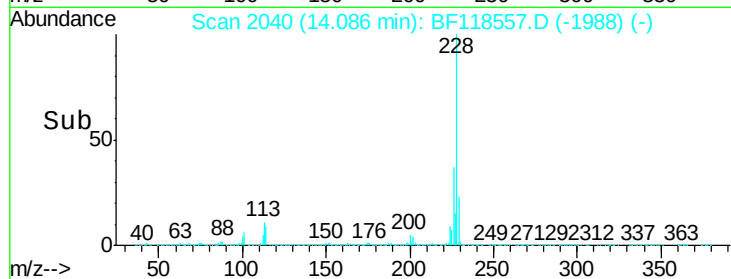
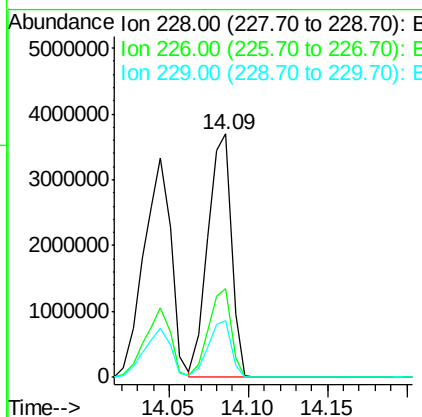
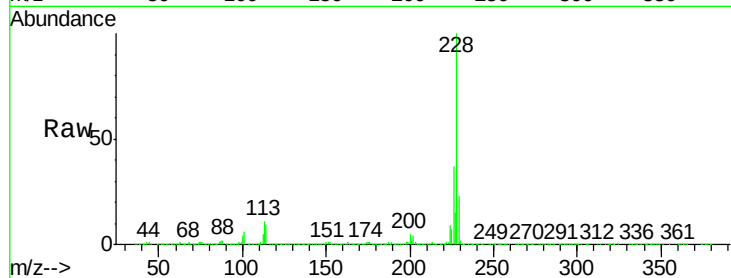




#83
 Chrvsene
 Concen: 66.498 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118557.D
 Acq: 17 Jan 2020 12:58

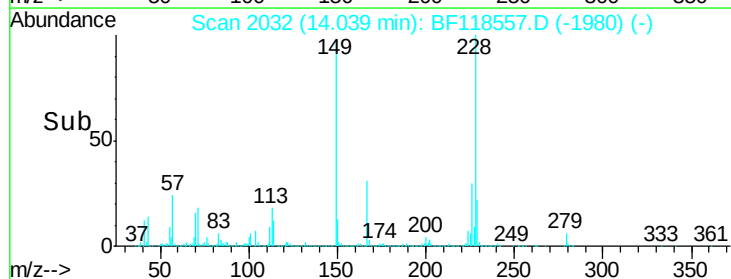
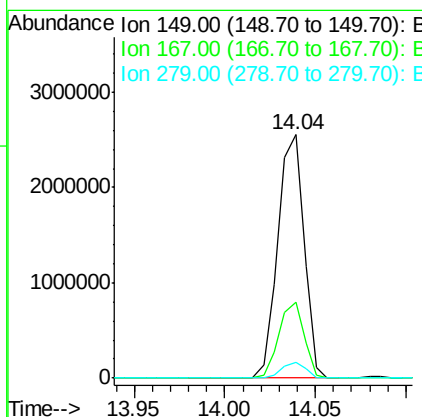
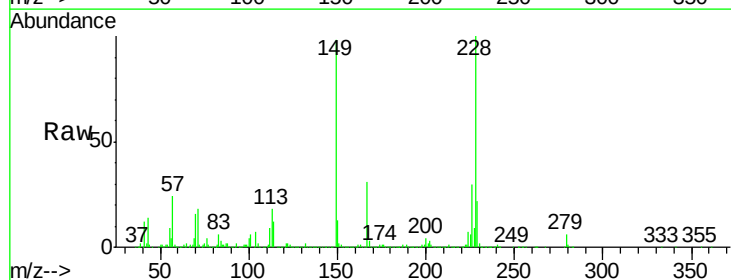
Instrument :
 BNA_F
 ClientSampleId :

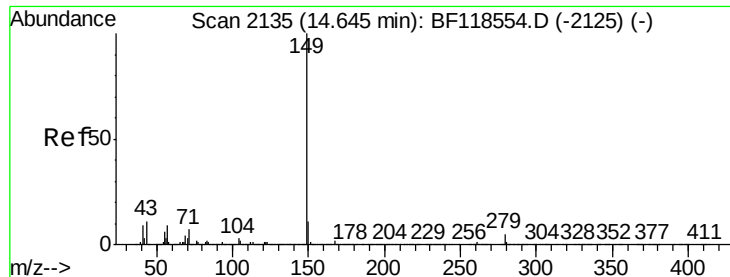
Tot Ion:228 Resp: 3853905
 Ion Ratio Lower Upper
 228 100
 226 36.6 28.2 42.2
 229 23.4 18.2 27.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.473 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF118557.D
 Acq: 17 Jan 2020 12:58

Tgt Ion:149 Resp: 2577657
 Ion Ratio Lower Upper
 149 100
 167 31.2 23.9 35.9
 279 6.4 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 60.605 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

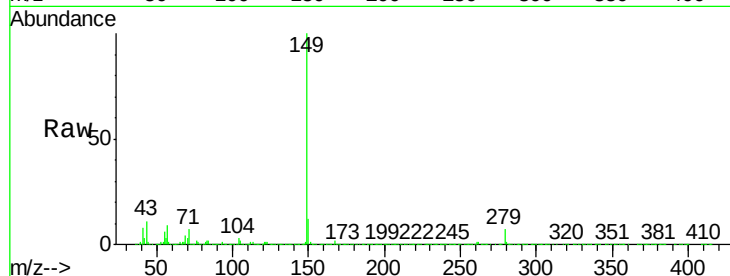
Tot Ion:149 Resp: 3997436

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

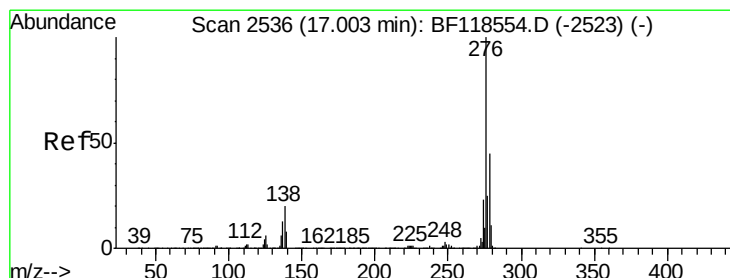
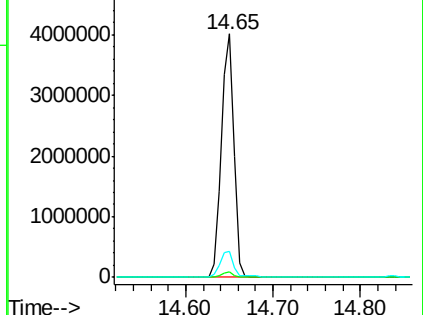
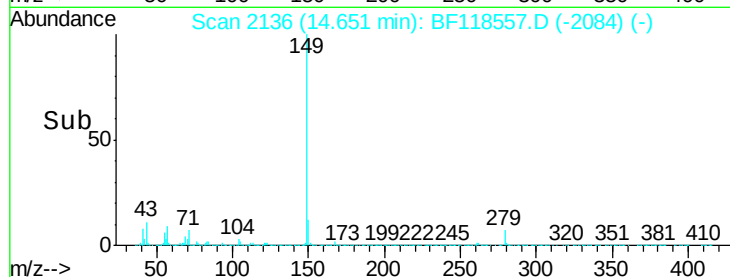
43 11.9 8.9 13.3



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: 88.823 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

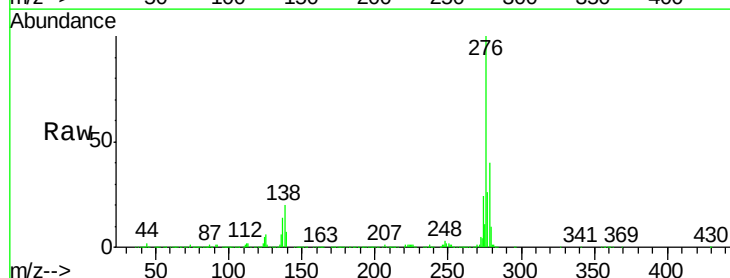
Tgt Ion:276 Resp: 4837382

Ion Ratio Lower Upper

276 100

138 21.9 17.3 25.9

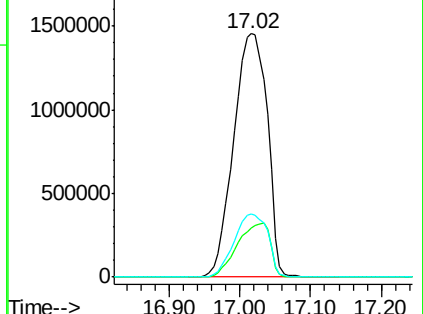
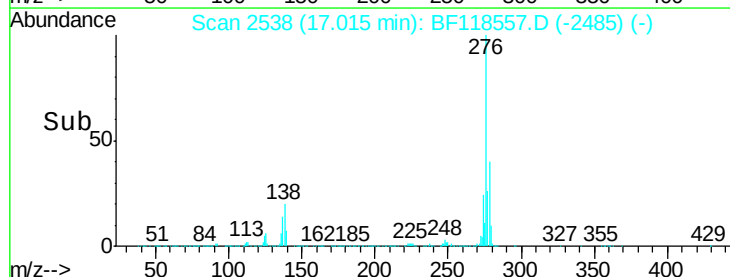
277 26.1 20.5 30.7

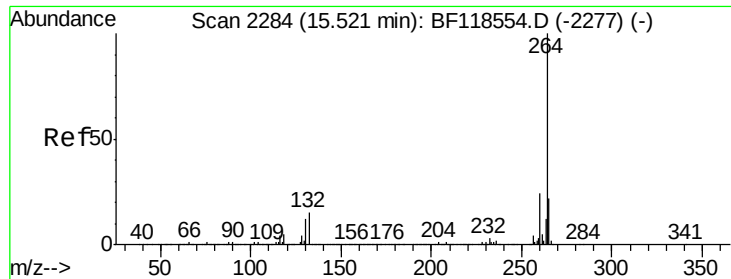


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.52 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

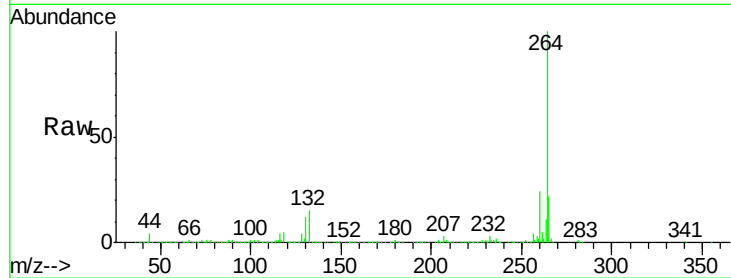
Tot Ion:264 Resp: 841380

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

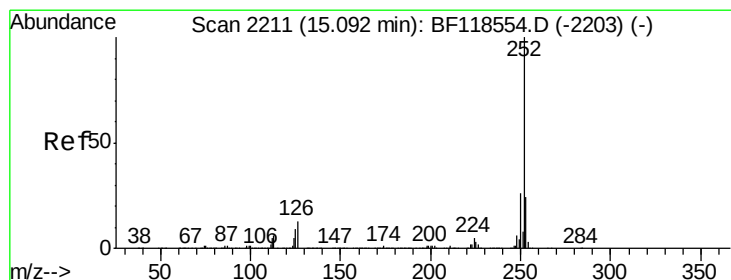
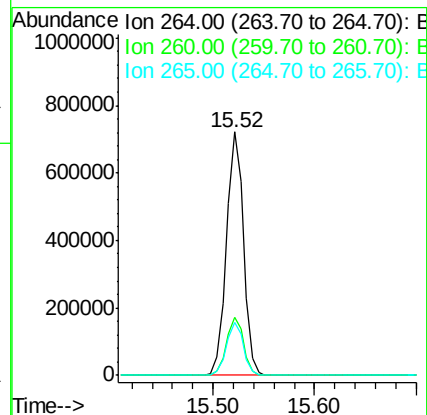
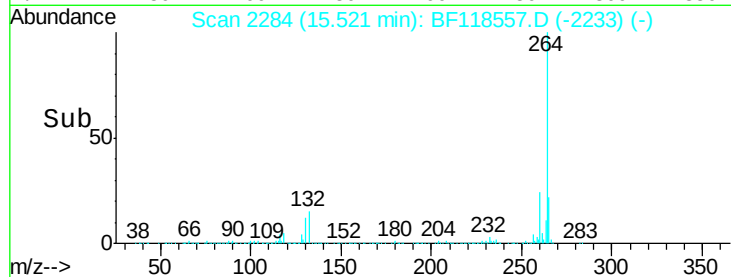
265 21.8 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 72.654 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.01 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

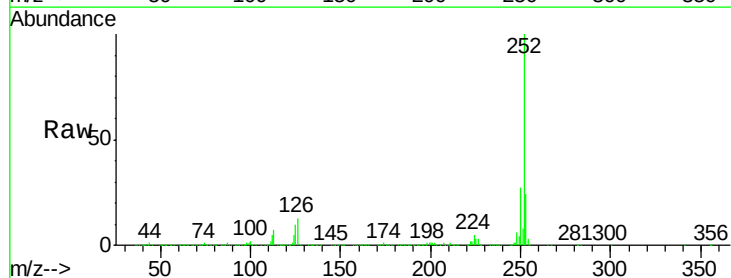
Tgt Ion:252 Resp: 3917685

Ion Ratio Lower Upper

252 100

253 24.3 19.1 28.7

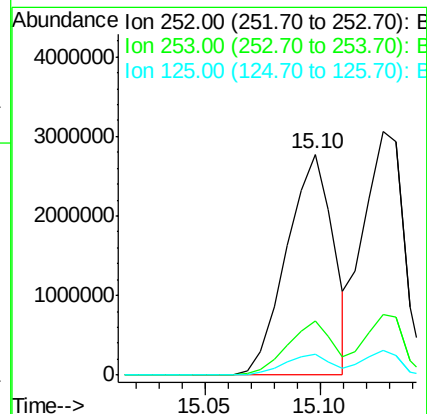
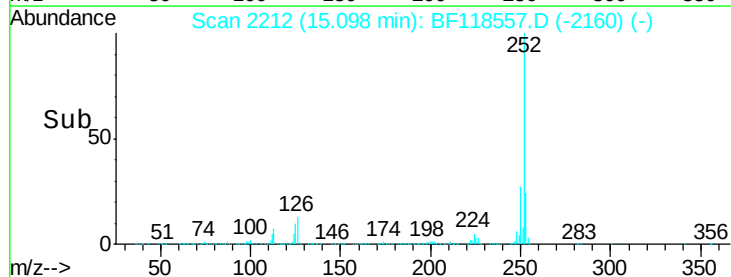
125 9.7 7.5 11.3

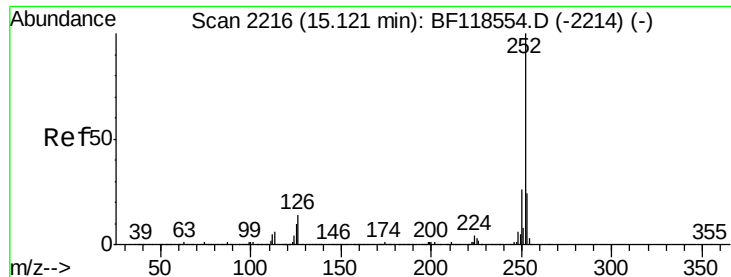


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

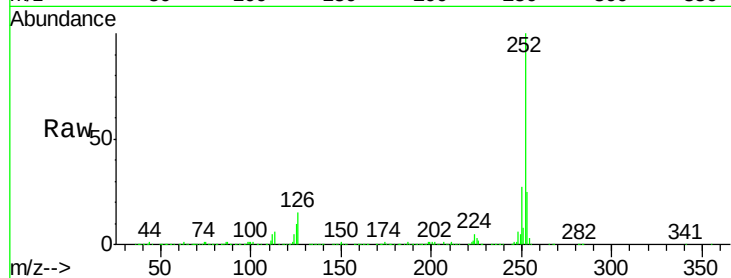




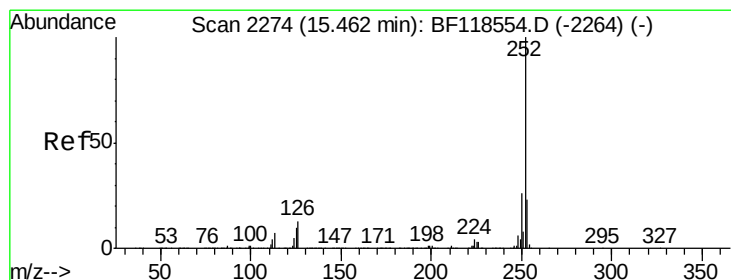
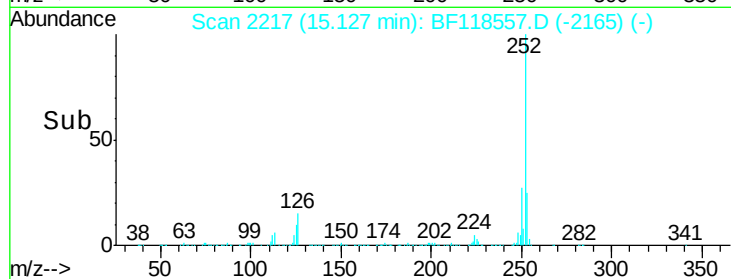
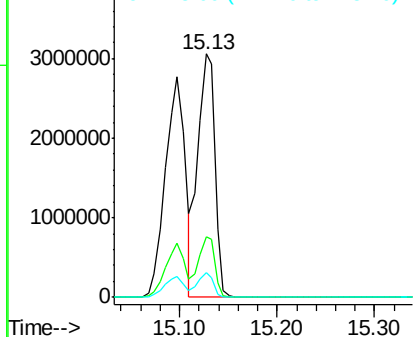
#89
Benzo(k)fluoranthene
Concen: 75.999 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 3712161
Ion Ratio Lower Upper
252 100
253 25.0 19.0 28.4
125 10.3 7.8 11.8

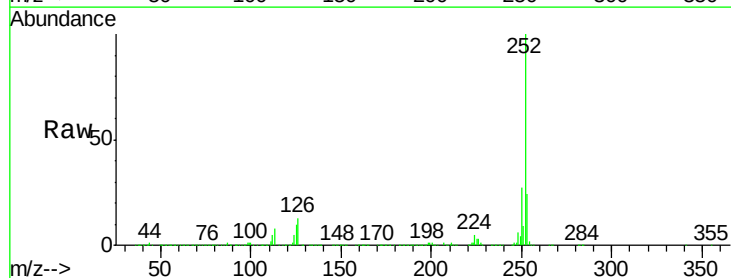


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

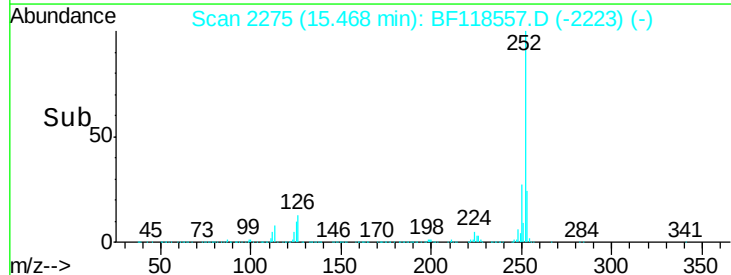
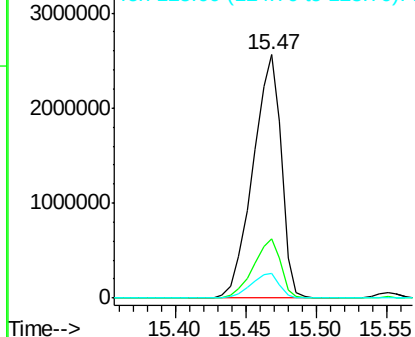


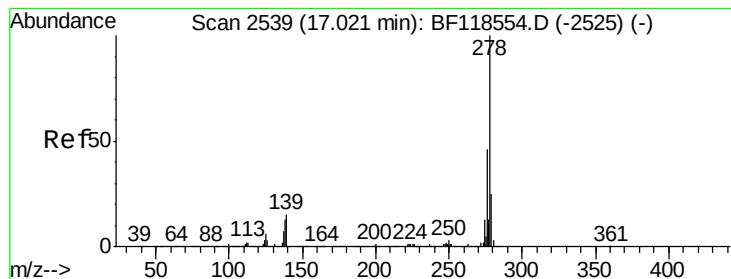
#90
Benzo(a)pyrene
Concen: 75.259 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF118557.D
Acq: 17 Jan 2020 12:58

Tgt Ion:252 Resp: 3616295
Ion Ratio Lower Upper
252 100
253 24.4 18.3 27.5
125 10.4 7.8 11.6



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





#91

Dibenzo(a,h)anthracene

Concen: 88.940 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.02 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

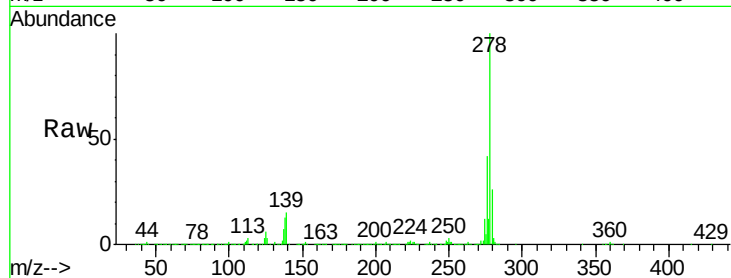
Tot Ion:278 Resp: 3880557

Ion Ratio Lower Upper

278 100

139 14.7 11.7 17.5

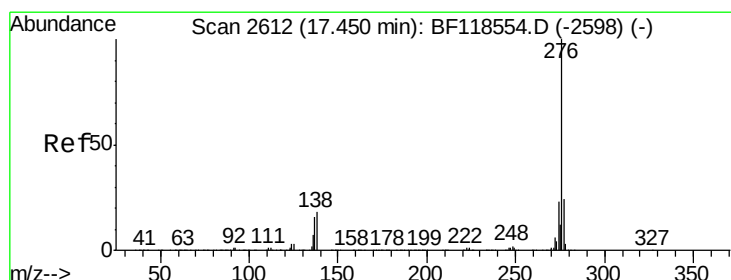
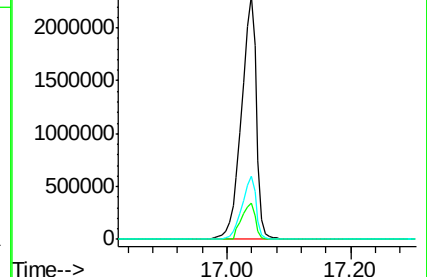
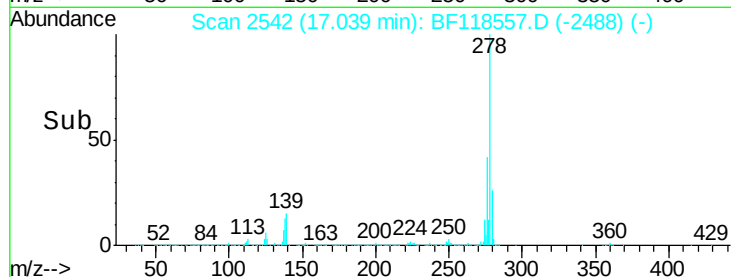
279 25.9 20.0 30.0



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: 92.701 ng

RT: 17.47 min Scan# 2615

Delta R.T. 0.02 min

Lab File: BF118557.D

Acq: 17 Jan 2020 12:58

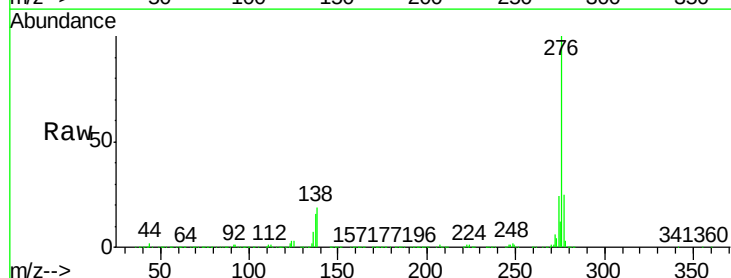
Tgt Ion:276 Resp: 3934837

Ion Ratio Lower Upper

276 100

277 25.0 19.1 28.7

138 19.2 14.7 22.1



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

