

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118664.D
 Acq On : 22 Jan 2020 14:52
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 18:07:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	366837	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1347593	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	783430	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1465487	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1086139	20.00	ng	0.00
87) Perylene-d12	15.51	264	920712	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1636542	82.86	ng	0.00
7) Phenol-d6	6.50	99	2105166	82.00	ng	0.00
23) Nitrobenzene-d5	7.44	82	1956140	81.19	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	766400	84.58	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3571915	74.94	ng	0.00
79) Terphenyl-d14	12.99	244	4249500	85.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	386840	40.436	ng	96
3) Pyridine	3.41	79	1094971	40.609	ng	96
4) n-Nitrosodimethylamine	3.35	42	409036	35.384	ng	81
6) Aniline	6.54	93	1402181	41.480	ng	98
8) 2-Chlorophenol	6.66	128	921663	41.573	ng	100
9) Benzaldehyde	6.43	77	642742	41.168	ng	93
10) Phenol	6.52	94	1192359	40.756	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	888684	40.941	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1085432	41.830	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1093688	41.988	ng	99
14) 1,2-Dichlorobenzene	7.05	146	1020625	41.681	ng	99
15) Benzyl Alcohol	7.02	79	832441	40.889	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1201202	39.730	ng	100
17) 2-Methylphenol	7.13	107	770270	41.711	ng	98
18) Hexachloroethane	7.40	117	381310	40.371	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	663522	38.278	ng	98
20) 3+4-Methylphenols	7.28	107	935982	41.514	ng	88
22) Acetophenone	7.29	105	1254306	39.291	ng	99
24) Nitrobenzene	7.46	77	989870	40.126	ng	99
25) Isophorone	7.70	82	1762809	40.115	ng	100
26) 2-Nitrophenol	7.77	139	489995	46.578	ng	98
27) 2,4-Dimethylphenol	7.81	122	709751	39.070	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	1144029	40.404	ng	100
29) 2,4-Dichlorophenol	8.02	162	846479	42.152	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	958049	41.146	ng	99
31) Naphthalene	8.19	128	2619837	43.036	ng	99
32) Benzoic acid	7.93	122	611097	44.823	ng	93
33) 4-Chloroaniline	8.23	127	1202816	42.749	ng	99
34) Hexachlorobutadiene	8.31	225	578816	40.820	ng	99
35) Caprolactam	8.60	113	281431	42.824	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	830075	41.858	ng	98
37) 2-Methylnaphthalene	8.87	142	1821516	42.391	ng	99
38) 1-Methylnaphthalene	8.97	142	1722464	42.194	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	985412	40.200	ng	99

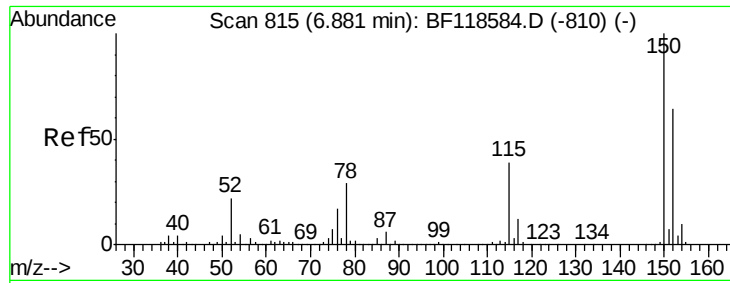
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118664.D
 Acq On : 22 Jan 2020 14:52
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 18:07:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	430703	34.825	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	668543	41.100	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	686038	41.296	ng	97
46) 1,1'-Biphenyl	9.34	154	2249156	41.656	ng	100
47) 2-Chloronaphthalene	9.36	162	1865919	41.000	ng	98
48) 2-Nitroaniline	9.46	65	566246	40.476	ng	# 83
49) Acenaphthylene	9.78	152	2718984	42.468	ng	99
50) Dimethylphthalate	9.64	163	2154122	42.203	ng	99
51) 2,6-Dinitrotoluene	9.70	165	504405	44.131	ng	# 80
52) Acenaphthene	9.95	154	1794332	41.913	ng	98
53) 3-Nitroaniline	9.86	138	577651	44.261	ng	96
54) 2,4-Dinitrophenol	9.97	184	217341	47.631	ng	# 36
55) Dibenzofuran	10.13	168	2537768	42.775	ng	94
56) 4-Nitrophenol	10.02	139	425331	43.171	ng	89
57) 2,4-Dinitrotoluene	10.10	165	665995	46.222	ng	98
58) Fluorene	10.47	166	1914645	41.109	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	621148	42.509	ng	97
60) Diethylphthalate	10.34	149	2086653	42.164	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	1024936	40.461	ng	97
62) 4-Nitroaniline	10.48	138	566329	42.304	ng	91
63) Azobenzene	10.62	77	1928872	40.245	ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	309849	48.082	ng	86
66) n-Nitrosodiphenylamine	10.57	169	1813623	41.036	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	739092	40.821	ng	99
68) Hexachlorobenzene	11.02	284	830981	40.482	ng	# 91
69) Atrazine	11.10	200	637508	41.617	ng	99
70) Pentachlorophenol	11.20	266	478017	41.885	ng	98
71) Phenanthrene	11.43	178	2960085	41.867	ng	98
72) Anthracene	11.48	178	2940091	42.026	ng	97
73) Carbazole	11.63	167	2719404	42.379	ng	98
74) Di-n-butylphthalate	11.96	149	3089082	43.329	ng	100
75) Fluoranthene	12.62	202	3176841	42.602	ng	99
77) Benzidine	12.73	184	1399113	48.211	ng	100
78) Pyrene	12.84	202	3221951	43.694	ng	97
80) Butylbenzylphthalate	13.46	149	1317915	43.671	ng	99
81) Benzo(a)anthracene	14.03	228	2692739	41.213	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	998651	42.894	ng	98
83) Chrysene	14.07	228	2634448	42.071	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	1549528	42.027	ng	100
85) Di-n-octyl phthalate	14.63	149	2326672	42.633	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	2285562	42.007	ng	99
88) Benzo(b)fluoranthene	15.08	252	2310515	39.924	ng	99
89) Benzo(k)fluoranthene	15.11	252	2283628	42.591	ng	99
90) Benzo(a)pyrene	15.45	252	2035461	40.772	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1867086	42.280	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1875192	43.734	ng	97

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

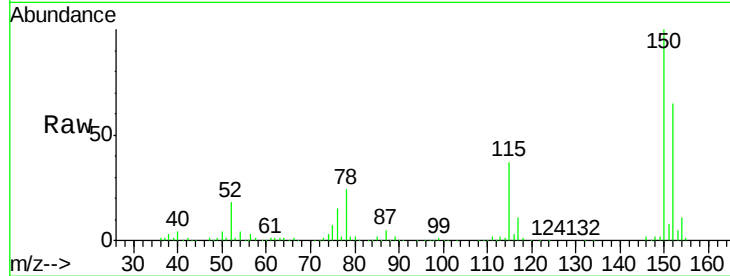


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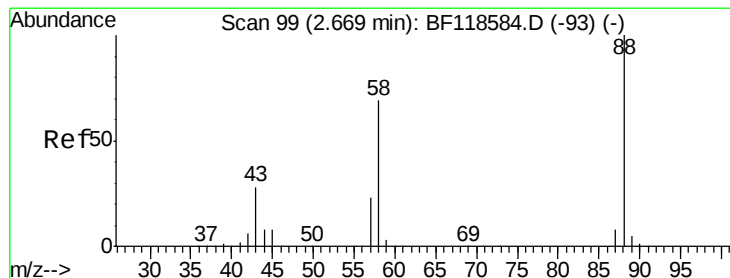
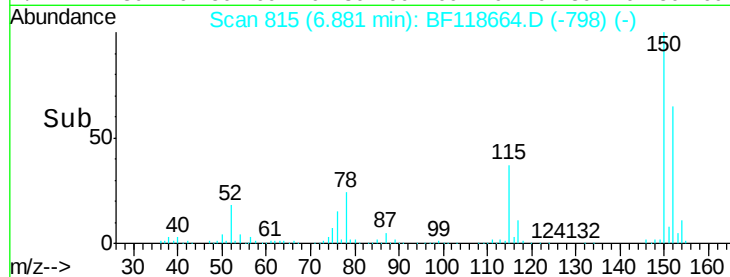
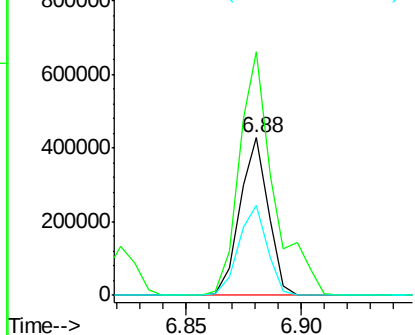
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.6	188.4
115	56.7	48.4	72.6



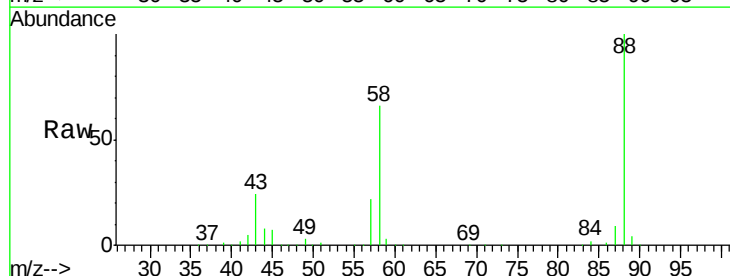
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



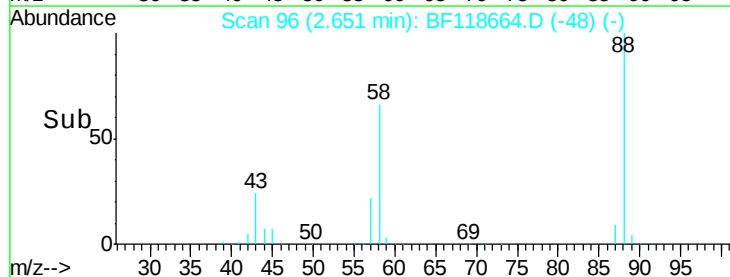
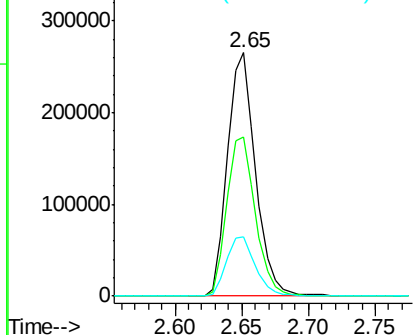
#2

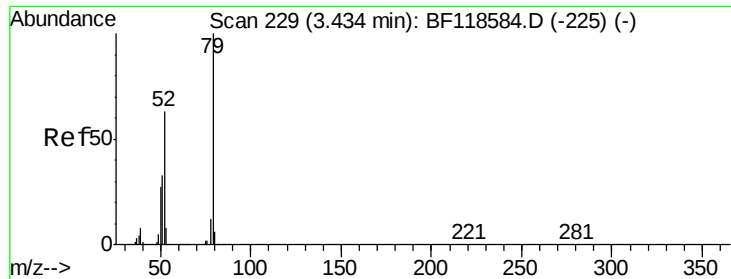
1,4-Dioxane
Concen: 40.436 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.02 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	56.1	84.1
43	25.7	23.0	34.6



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: 40.609 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.02 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

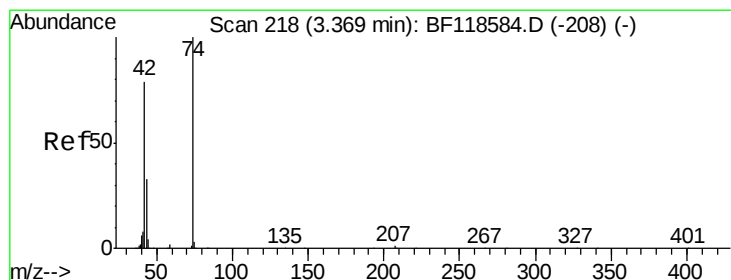
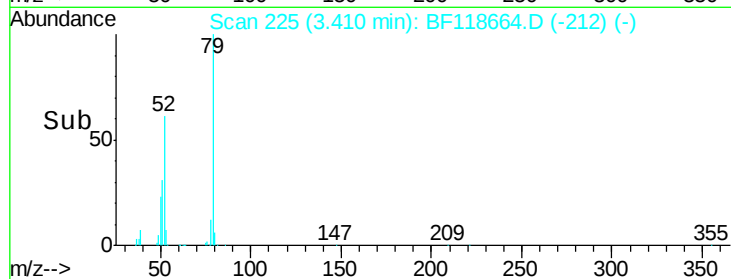
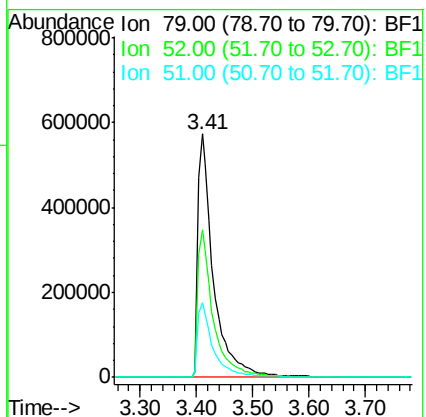
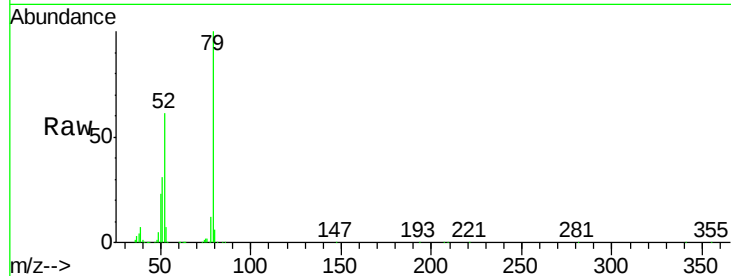
Tot Ion: 79 Resp: 1094971

Ion Ratio Lower Upper

79 100

52 60.7 50.7 76.1

51 30.8 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 35.384 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.02 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

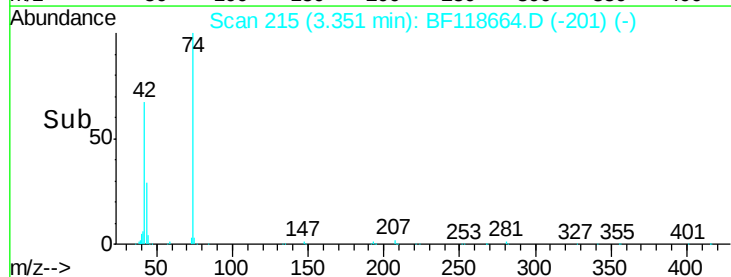
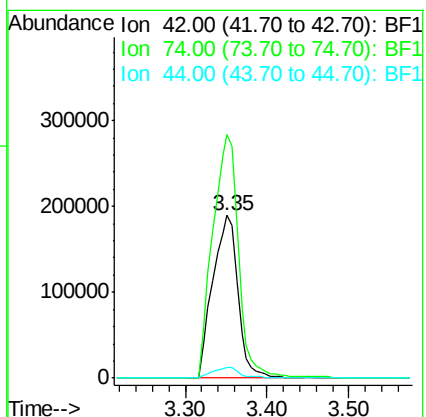
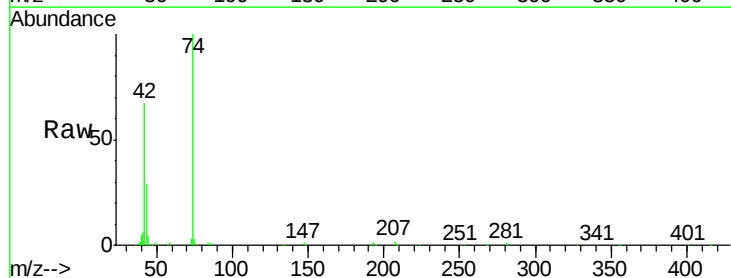
Tgt Ion: 42 Resp: 409036

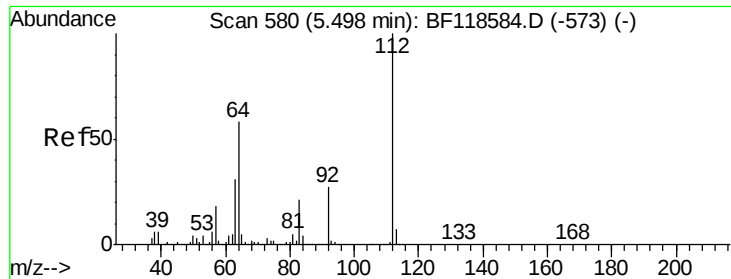
Ion Ratio Lower Upper

42 100

74 149.8 101.6 152.4

44 6.3 4.9 7.3





#5

2-Fluorophenol

Concen: 82.856 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

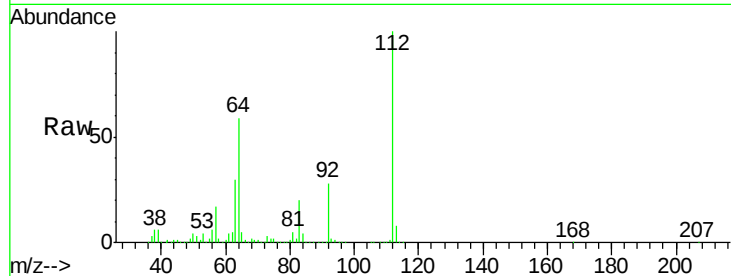
Tot Ion:112 Resp: 1636542

Ion Ratio Lower Upper

112 100

64 58.6 46.6 70.0

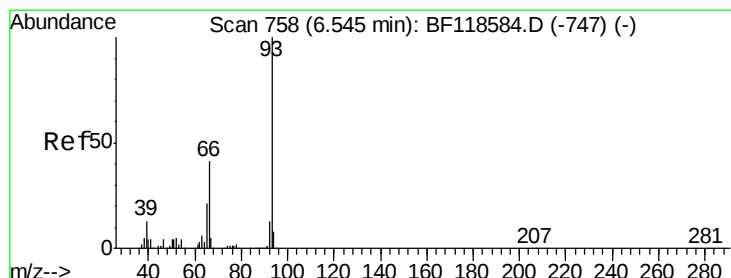
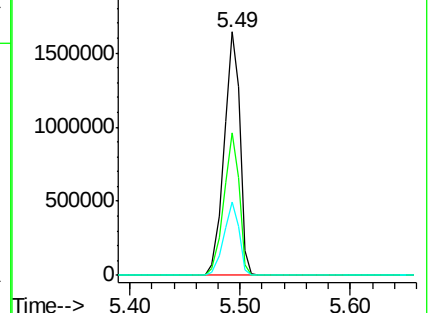
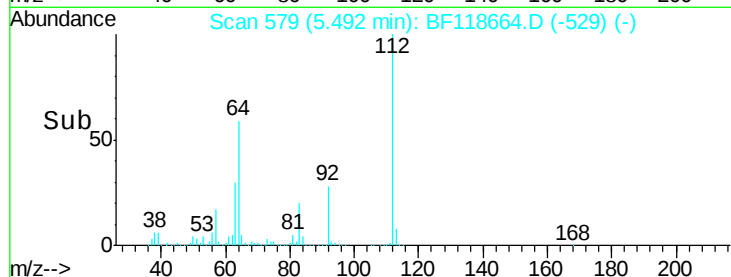
63 30.2 25.1 37.7



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: 41.480 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

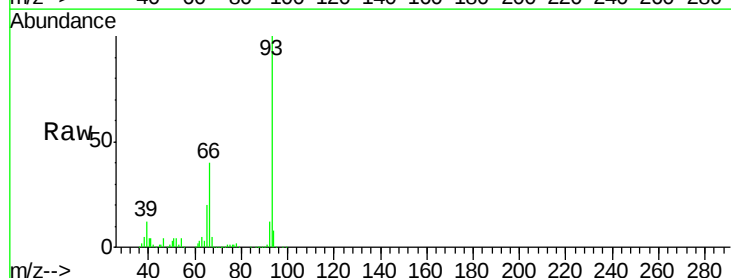
Tgt Ion: 93 Resp: 1402181

Ion Ratio Lower Upper

93 100

66 39.8 32.8 49.2

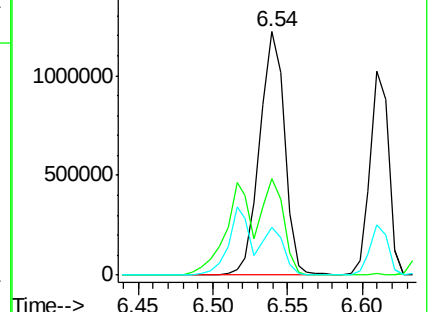
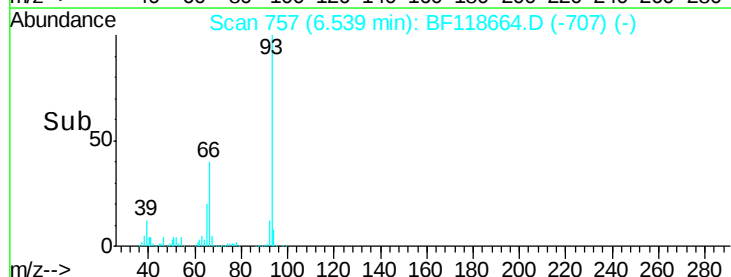
65 19.8 16.5 24.7

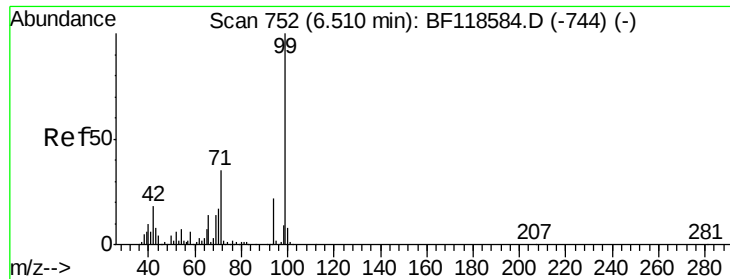


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.002 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

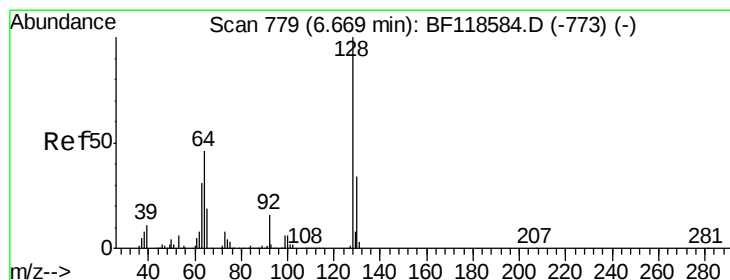
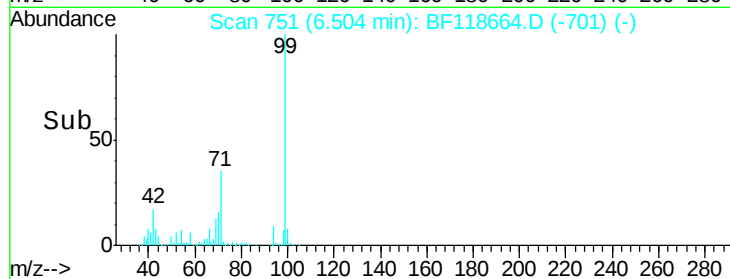
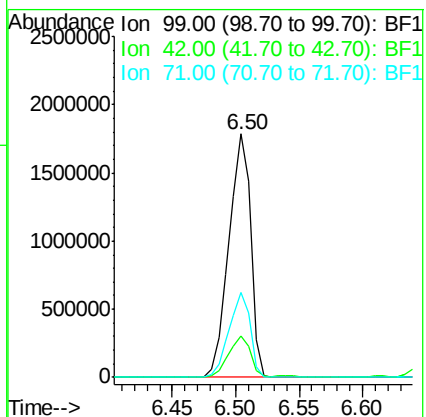
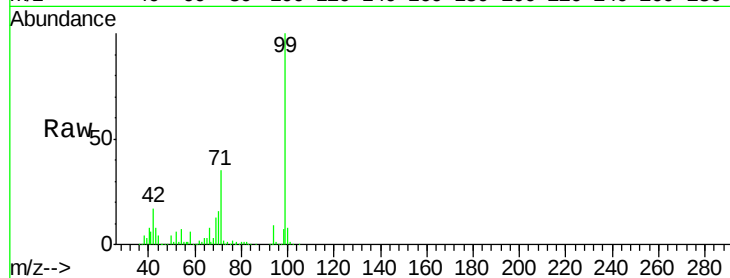
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2105166

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.2	21.2
71	35.1	27.8	41.6



#8

2-Chlorophenol

Concen: 41.573 ng

RT: 6.66 min Scan# 778

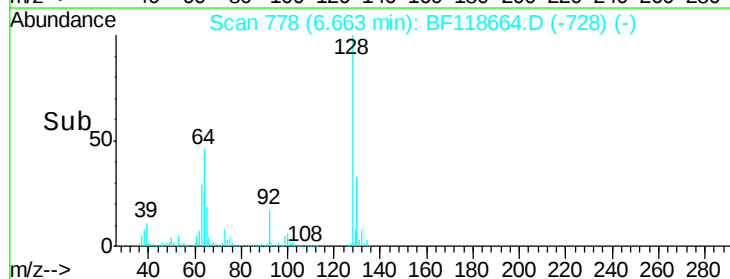
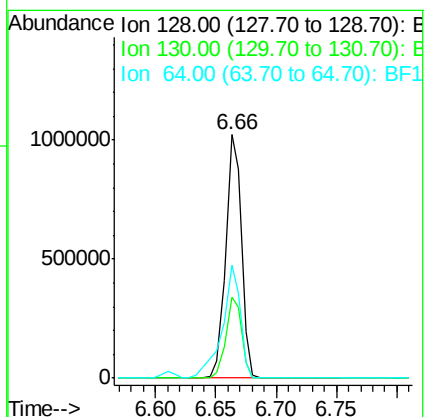
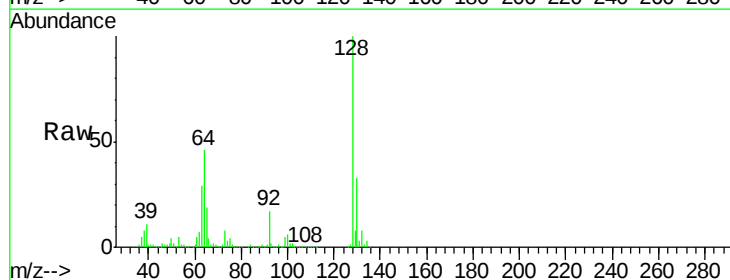
Delta R.T. -0.01 min

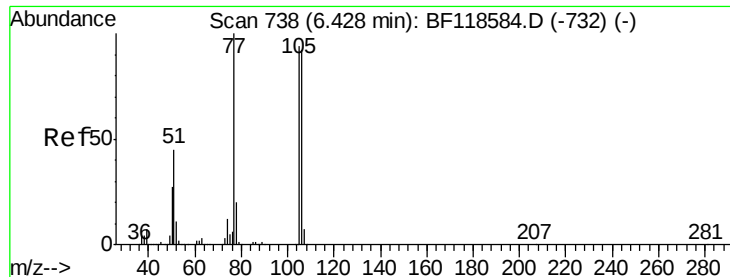
Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Tgt Ion: 128 Resp: 921663

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.6	53.6
64	46.3	26.4	66.4





#9

Benzaldehyde

Concen: 41.168 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

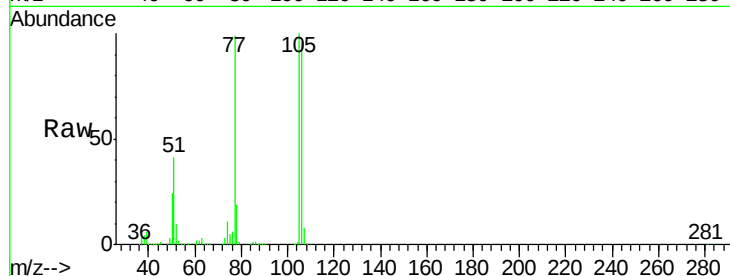
Tot Ion: 77 Resp: 642742

Ion Ratio Lower Upper

77 100

105 101.3 73.5 113.5

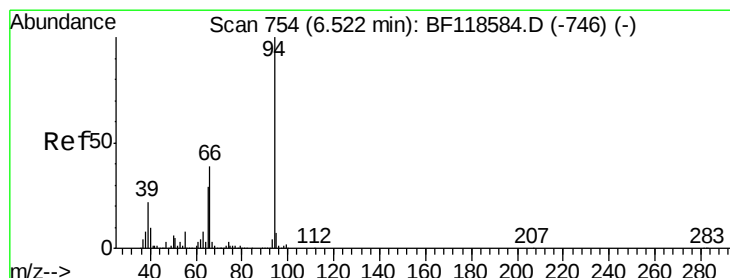
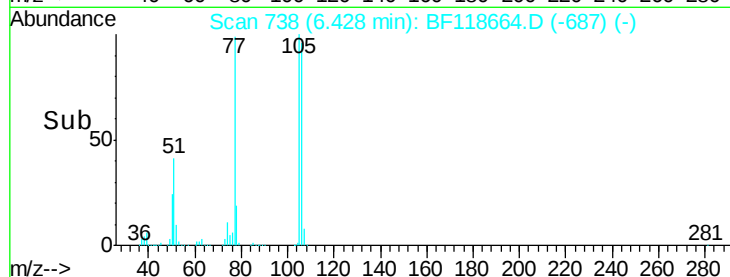
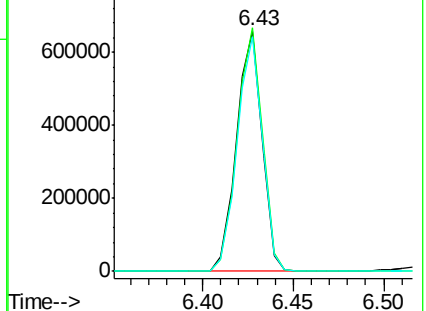
106 97.6 71.9 111.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.756 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

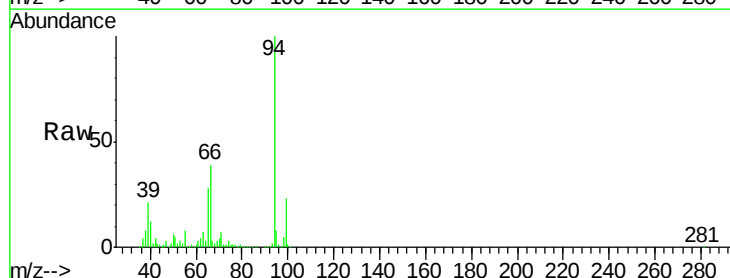
Tgt Ion: 94 Resp: 1192359

Ion Ratio Lower Upper

94 100

65 28.4 9.5 49.5

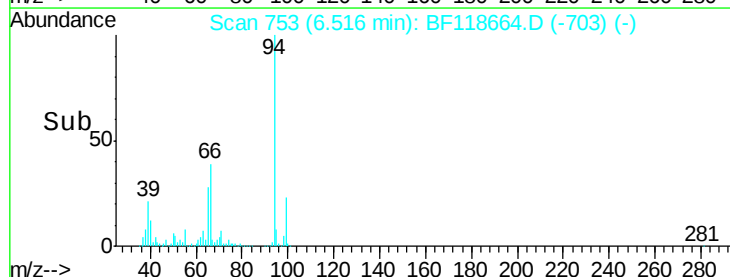
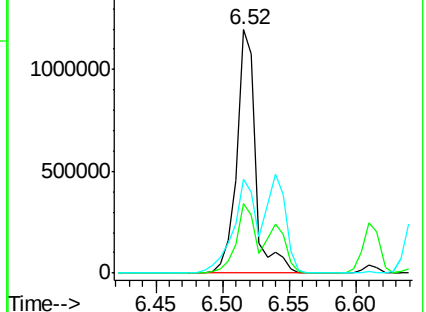
66 38.6 18.5 58.5

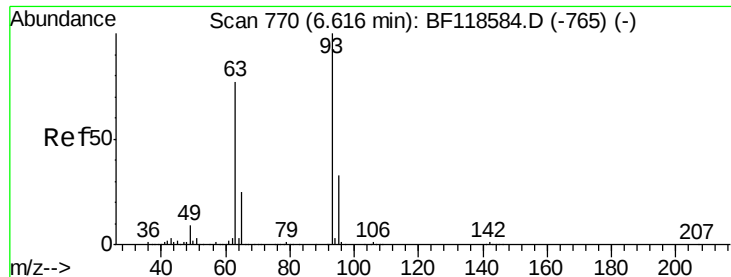


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.941 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampled :

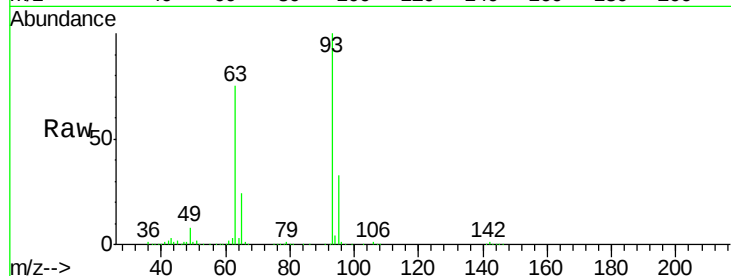
Tot Ion: 93 Resp: 888684

Ion Ratio Lower Upper

93 100

63 75.2 56.3 96.3

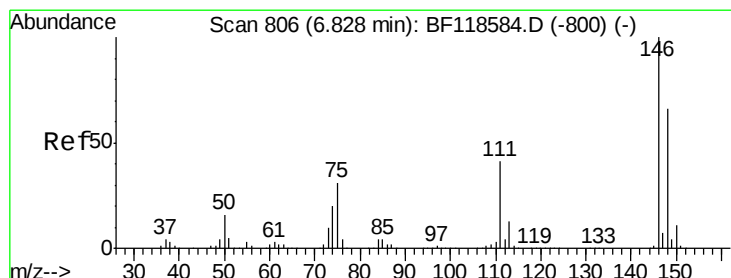
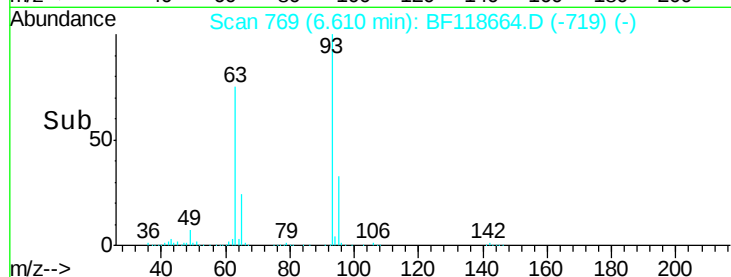
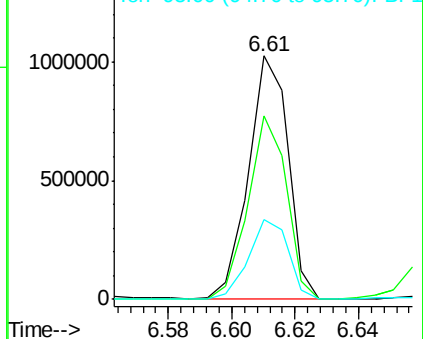
95 33.0 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.830 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

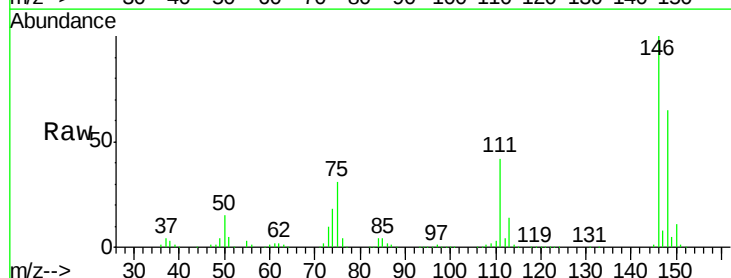
Tgt Ion: 146 Resp: 1085432

Ion Ratio Lower Upper

146 100

148 65.4 53.0 79.6

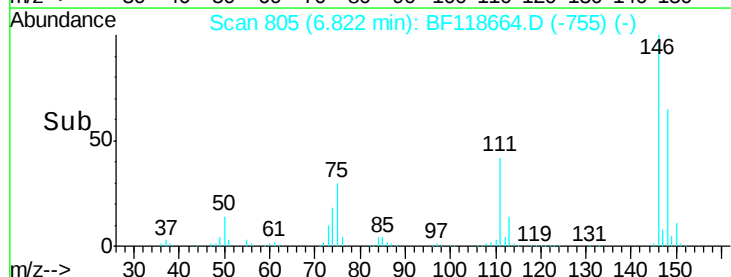
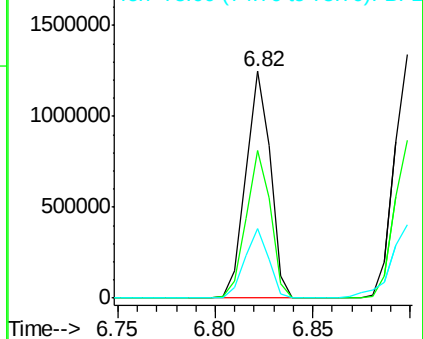
75 30.7 25.1 37.7

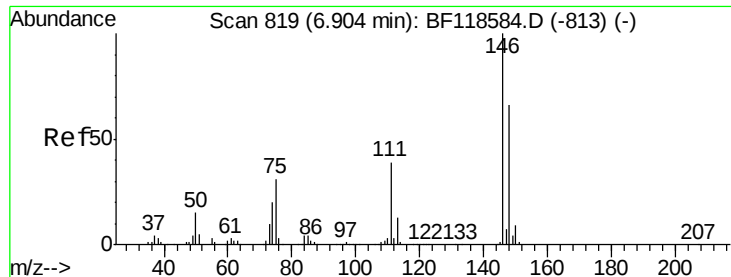


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.988 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

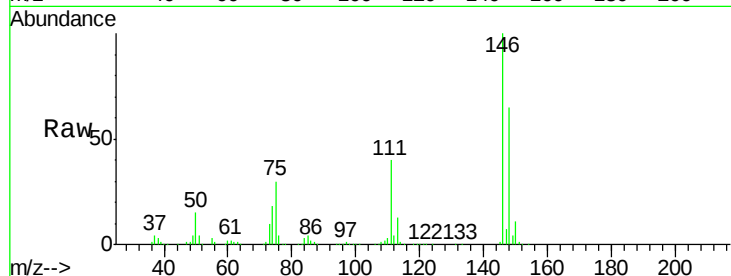
Tot Ion:146 Resp: 1093688

Ion Ratio Lower Upper

146 100

148 64.9 52.4 78.6

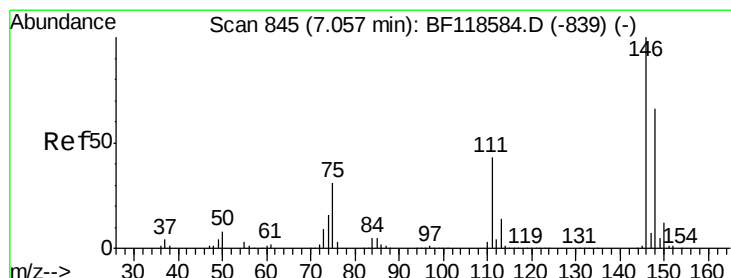
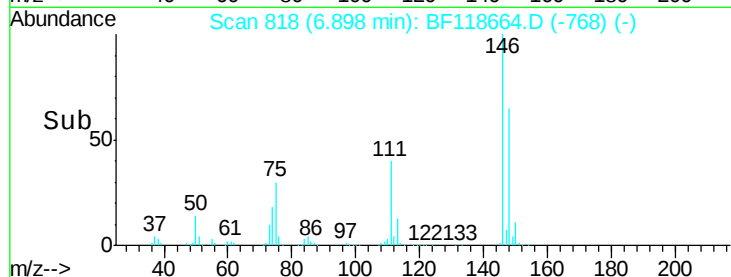
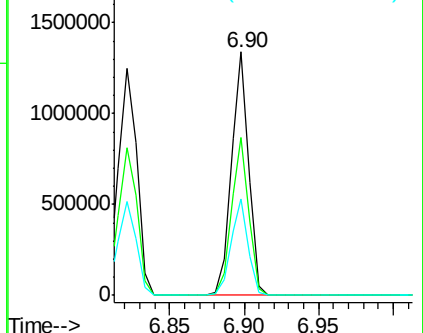
111 39.6 31.6 47.4



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: 41.681 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

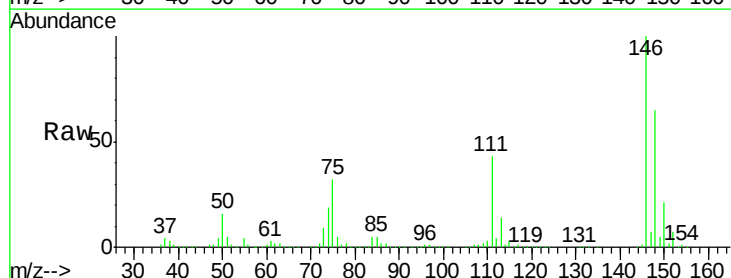
Tgt Ion:146 Resp: 1020625

Ion Ratio Lower Upper

146 100

148 64.8 52.7 79.1

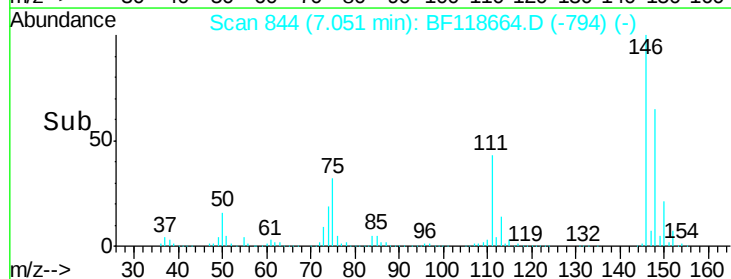
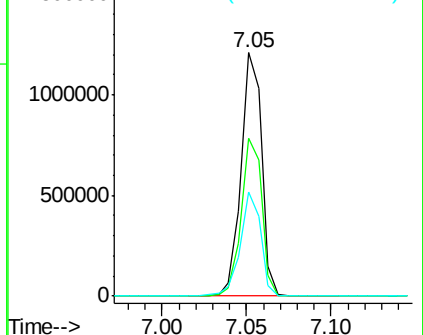
111 42.7 34.6 52.0

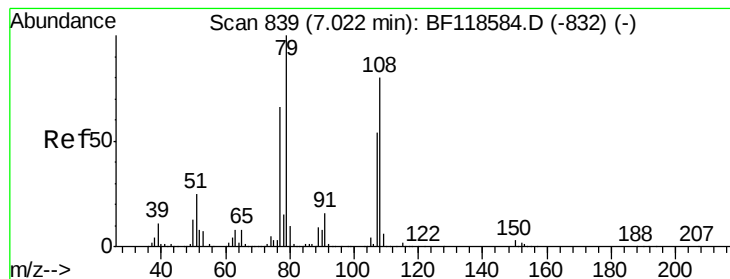


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.889 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampled :

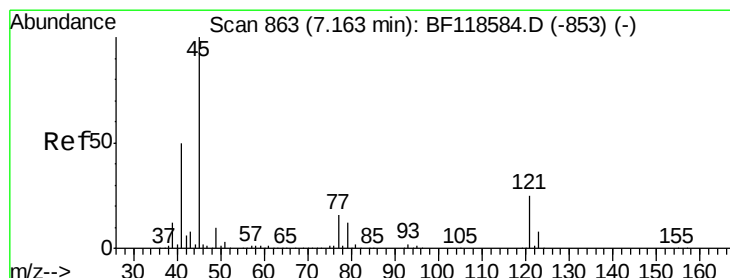
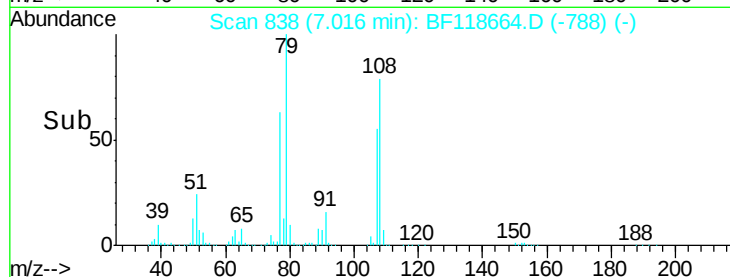
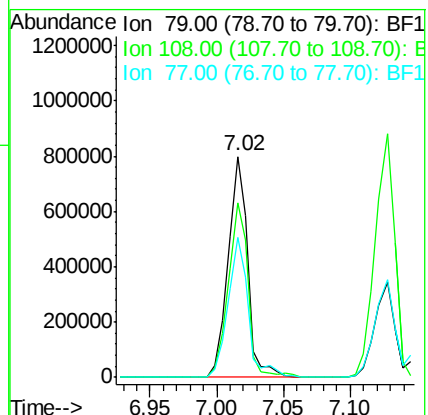
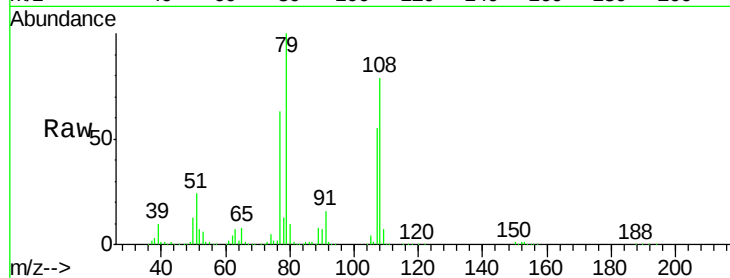
Tot Ion: 79 Resp: 832441

Ion Ratio Lower Upper

79 100

108 79.0 63.6 95.4

77 63.3 52.5 78.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.730 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

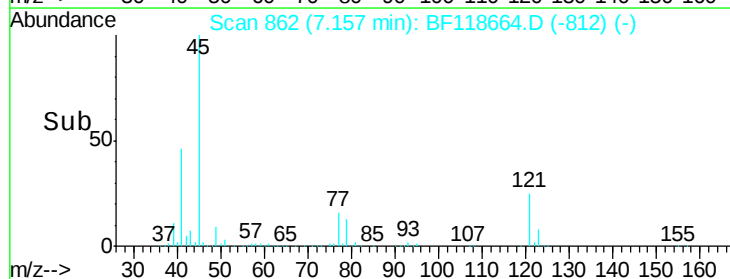
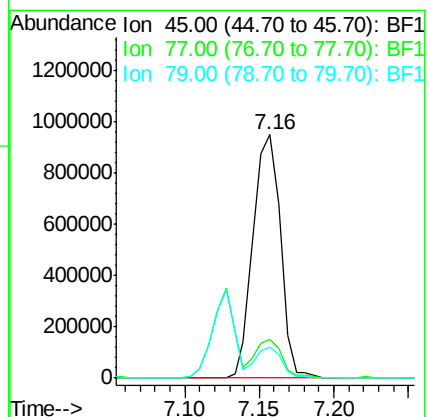
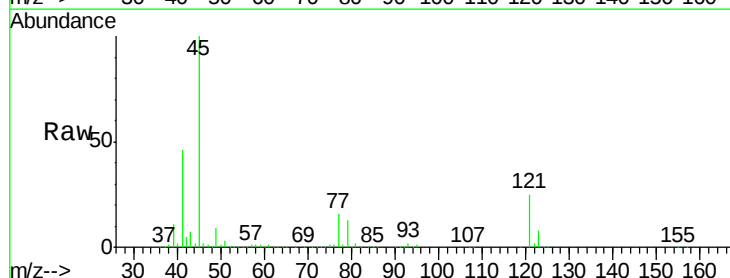
Tgt Ion: 45 Resp: 1201202

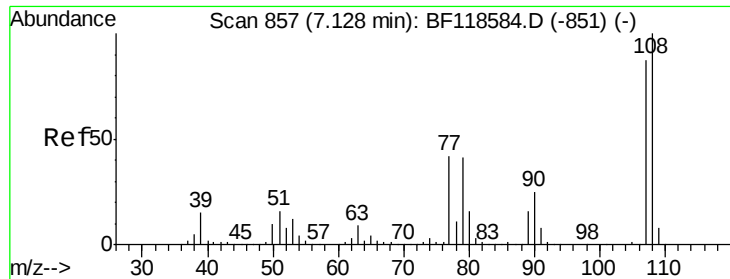
Ion Ratio Lower Upper

45 100

77 16.0 0.0 36.1

79 12.6 0.0 32.4

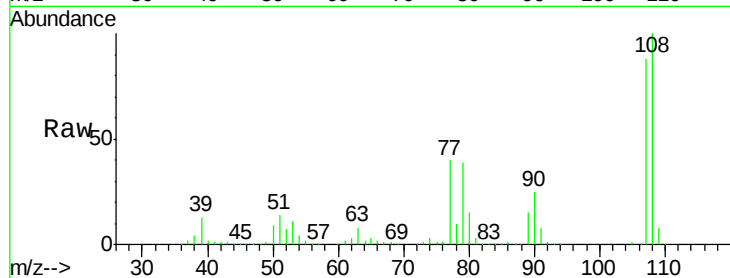




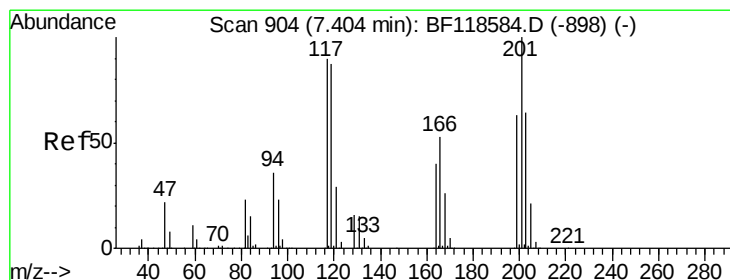
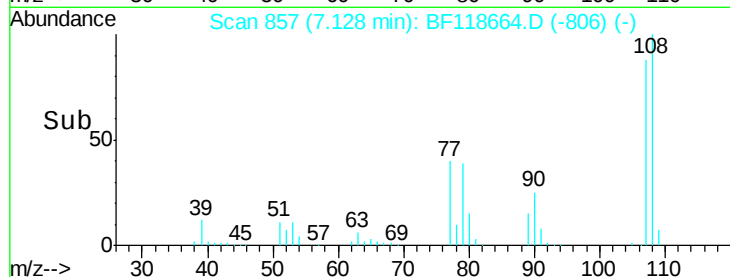
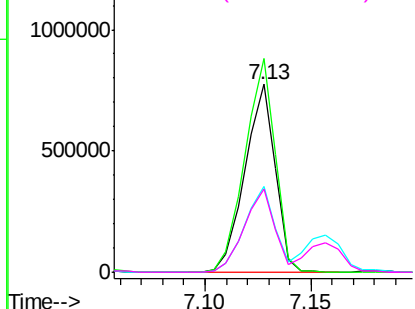
#17
2-Methylphenol
Concen: 41.711 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	770270
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.5	137.3
77	45.3	38.7	58.1
79	44.4	37.7	56.5

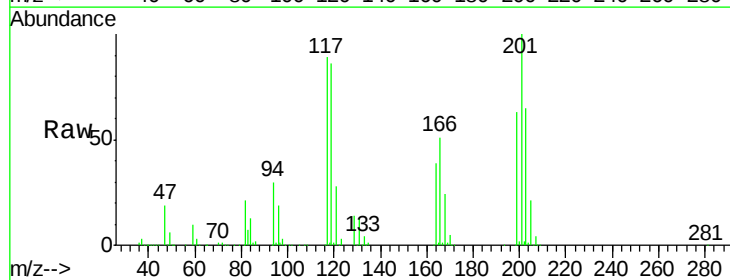


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

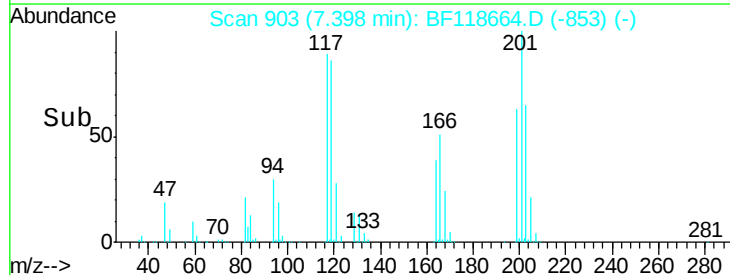
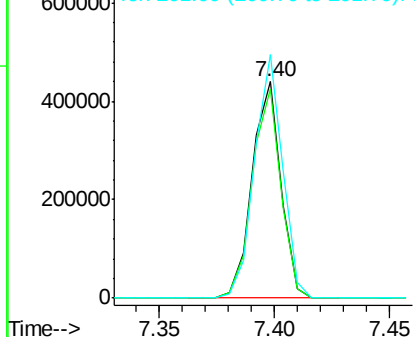


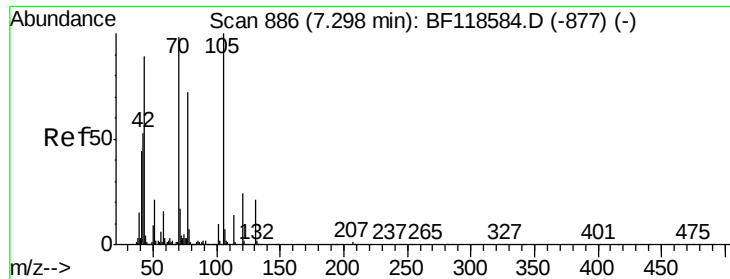
#18
Hexachloroethane
Concen: 40.371 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:	117	Resp:	381310
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.6	116.4
201	112.7	88.8	133.2



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

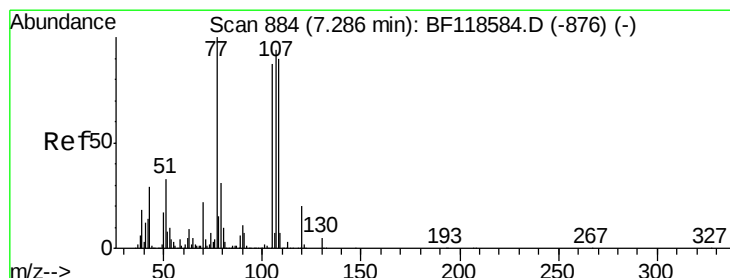
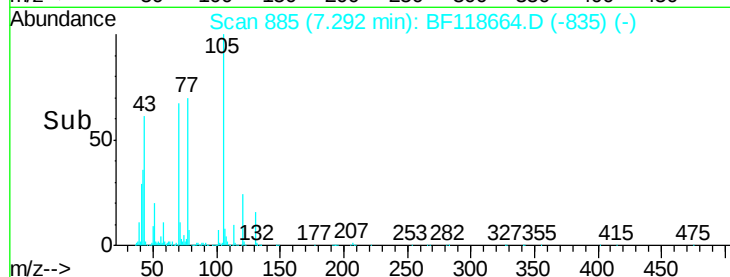
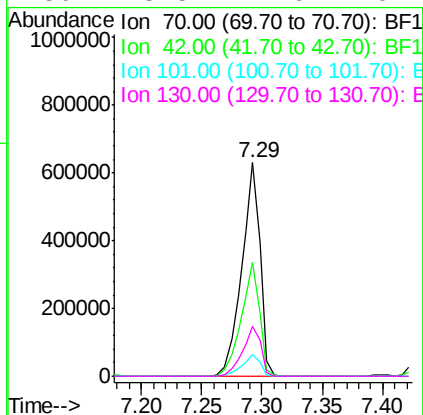
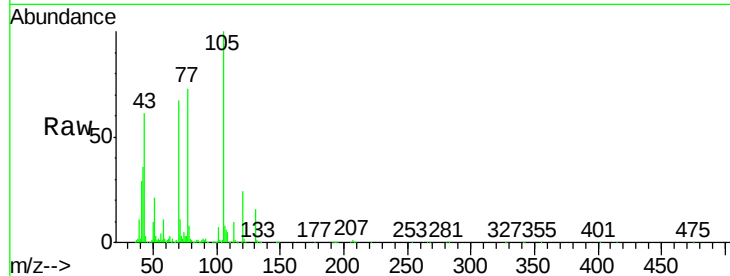




#19
n-Nitroso-di-n-propylamine
Concen: 38.278 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

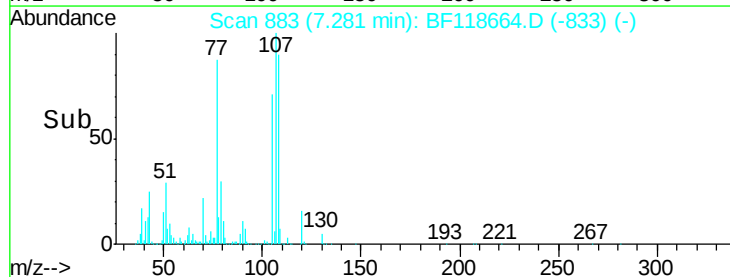
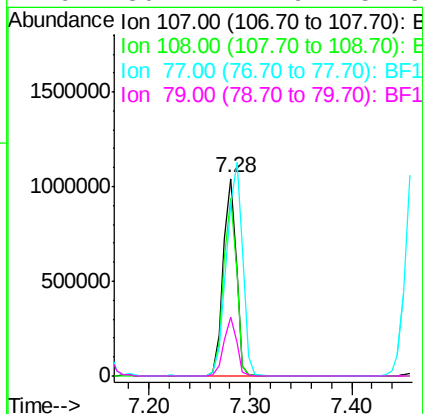
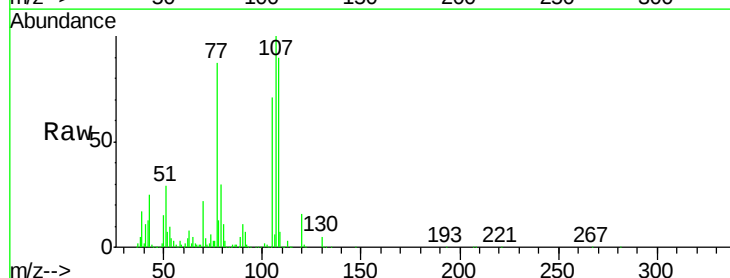
Instrument :
BNA_F
ClientSampleId :

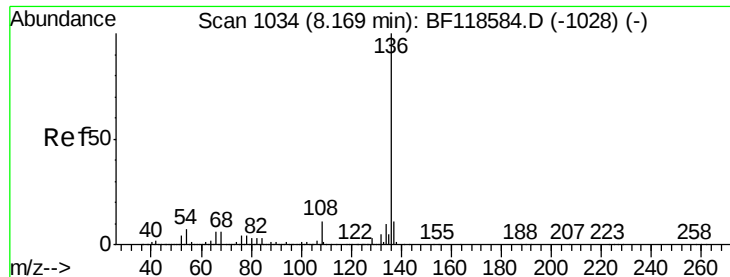
Tot Ion:	70	Resp:	663522
Ion	Ratio	Lower	Upper
70	100		
42	53.4	43.4	65.0
101	10.1	8.1	12.1
130	23.5	17.6	26.4



#20
3+4-Methylphenols
Concen: 41.514 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:	107	Resp:	935982
Ion	Ratio	Lower	Upper
107	100		
108	90.3	75.8	115.8
77	86.8	86.5	126.5
79	30.1	12.9	52.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1347593

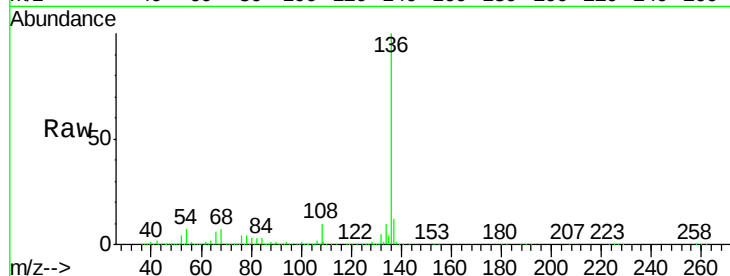
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.3 5.8 8.6

68 6.6 5.0 7.4

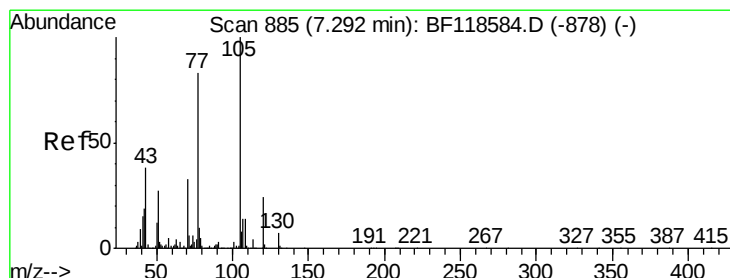
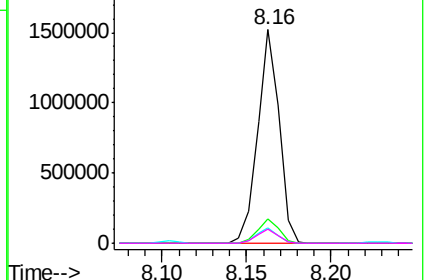
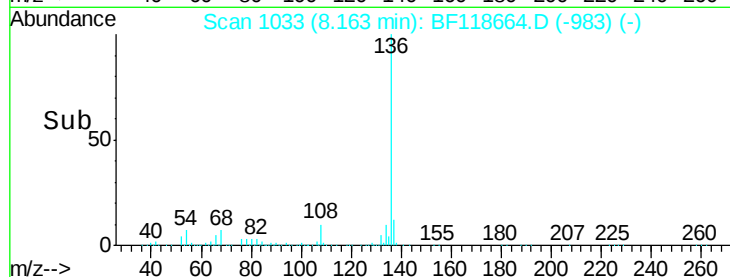


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.291 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Tgt Ion:105 Resp: 1254306

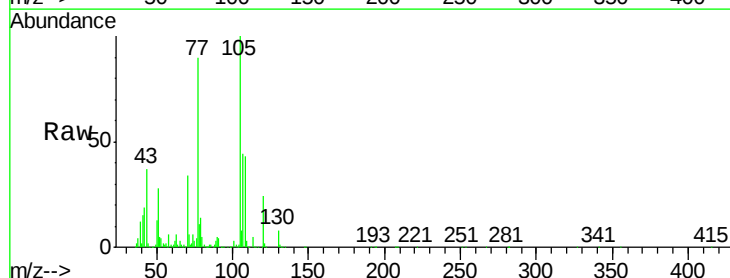
Ion Ratio Lower Upper

105 100

71 5.8 4.5 6.7

51 28.0 21.5 32.3

120 23.6 19.0 28.6

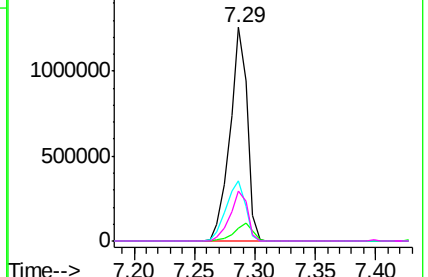
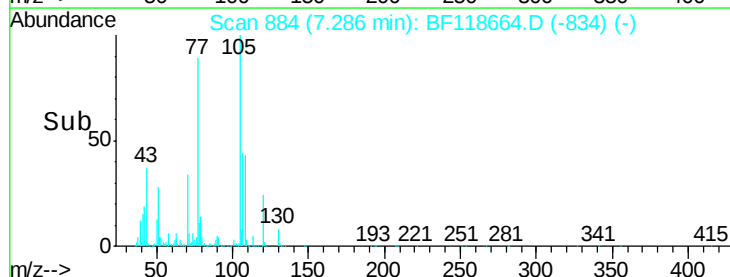


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.193 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampled :

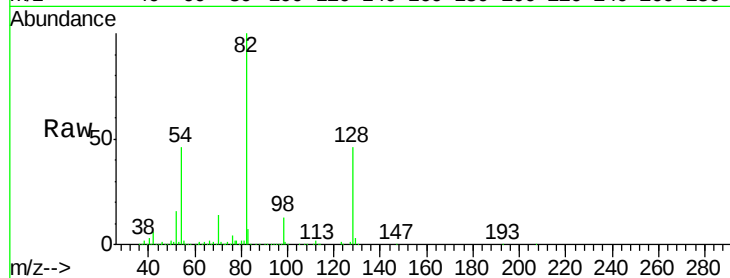
Tot Ion: 82 Resp: 1956140

Ion Ratio Lower Upper

82 100

128 46.4 36.6 54.8

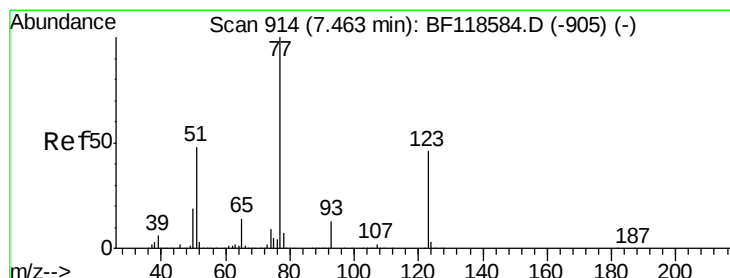
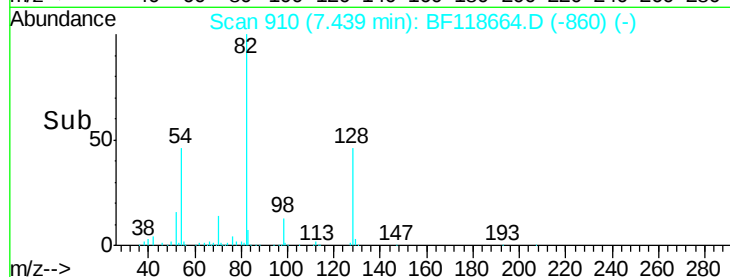
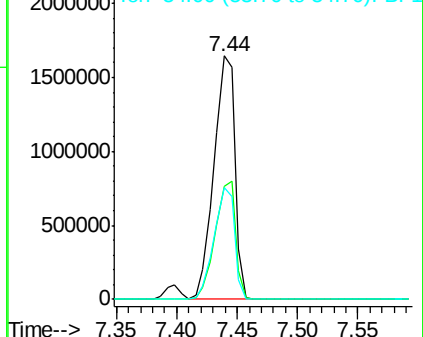
54 45.8 38.0 57.0



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: 40.126 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

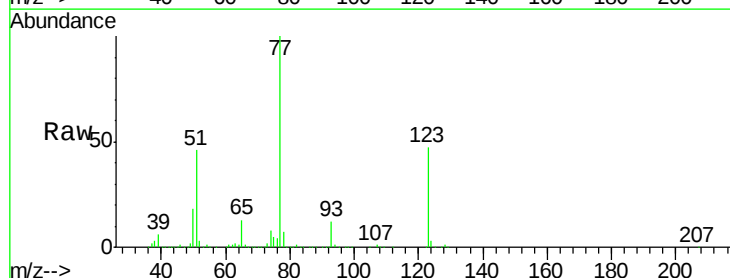
Tgt Ion: 77 Resp: 989870

Ion Ratio Lower Upper

77 100

123 46.6 37.0 55.4

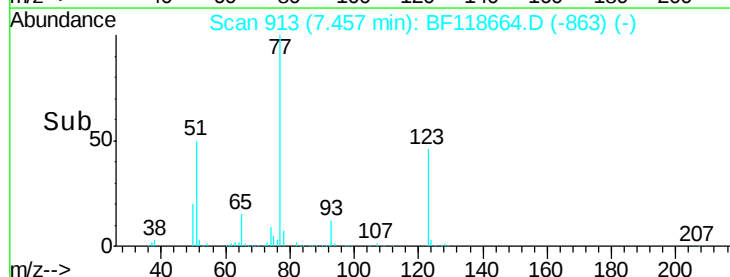
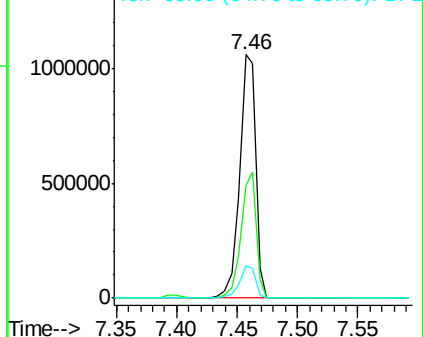
65 13.5 11.1 16.7

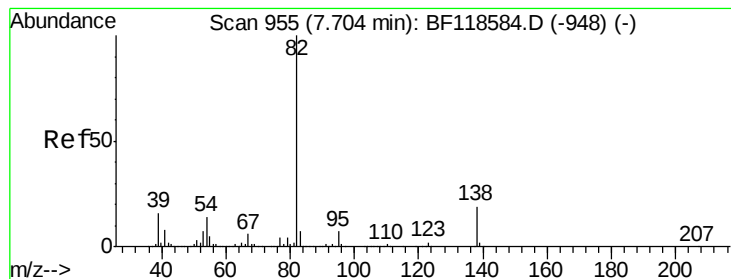


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.115 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

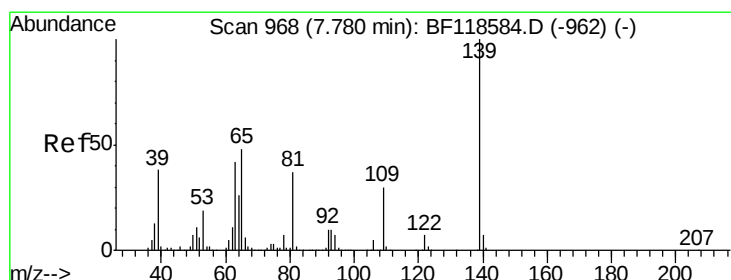
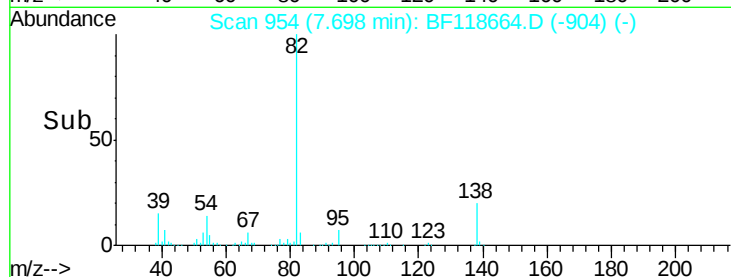
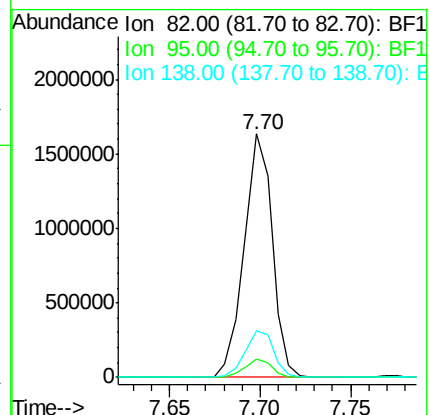
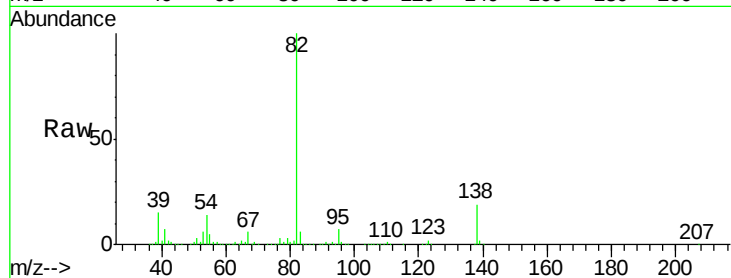
Tot Ion: 82 Resp: 1762809

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

138 19.2 15.3 22.9



#26

2-Nitrophenol

Concen: 46.578 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

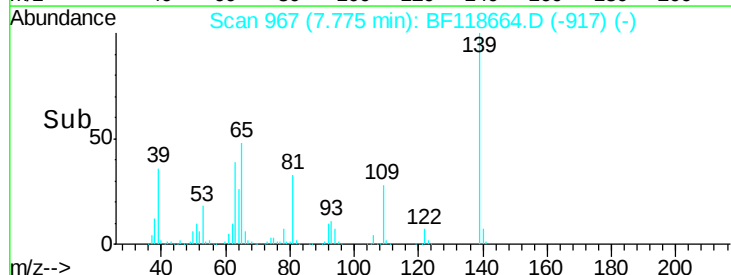
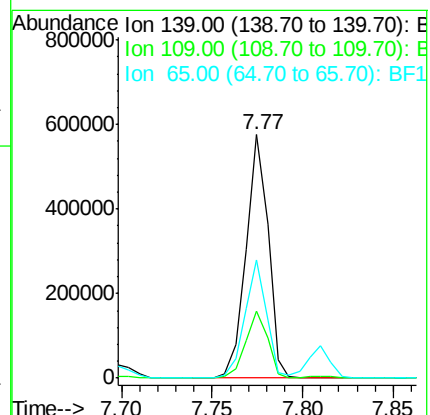
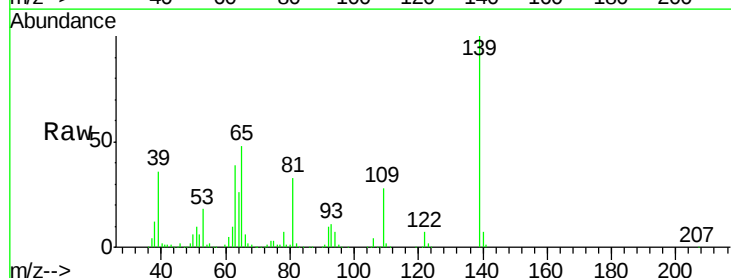
Tgt Ion: 139 Resp: 489995

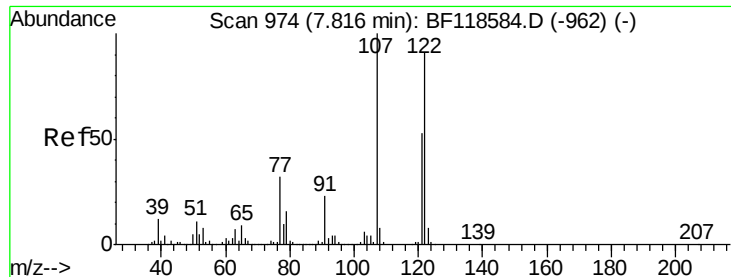
Ion Ratio Lower Upper

139 100

109 27.7 23.8 35.8

65 48.4 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 39.070 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

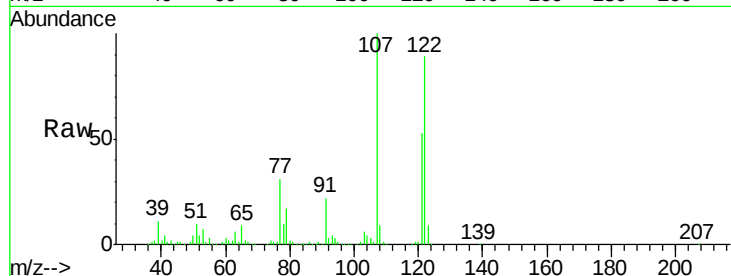
Tot Ion:122 Resp: 709751

Ion Ratio Lower Upper

122 100

107 112.2 88.0 132.0

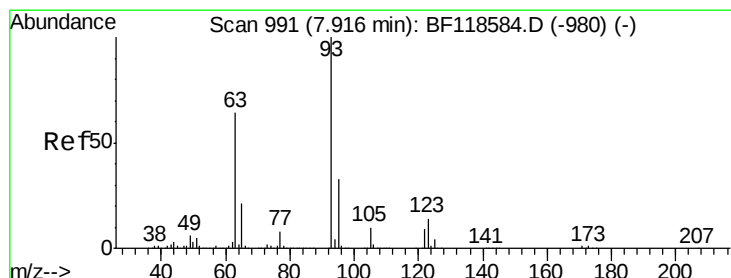
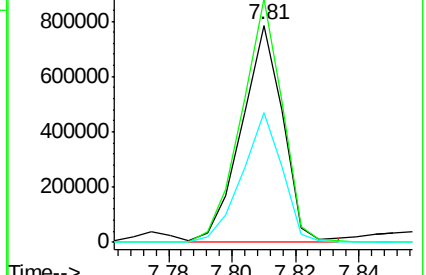
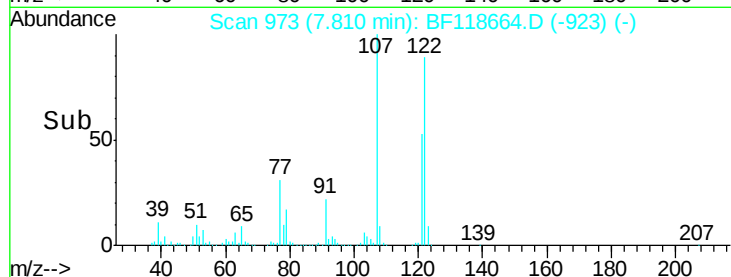
121 59.5 46.3 69.5



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: 40.404 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

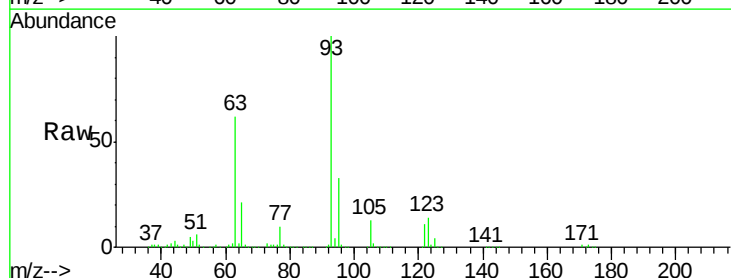
Tgt Ion: 93 Resp: 1144029

Ion Ratio Lower Upper

93 100

95 33.5 26.7 40.1

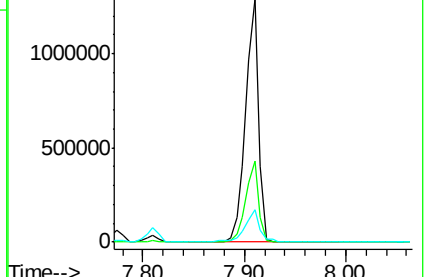
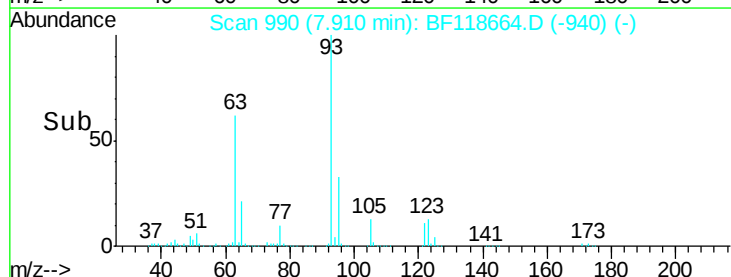
123 13.5 11.0 16.6

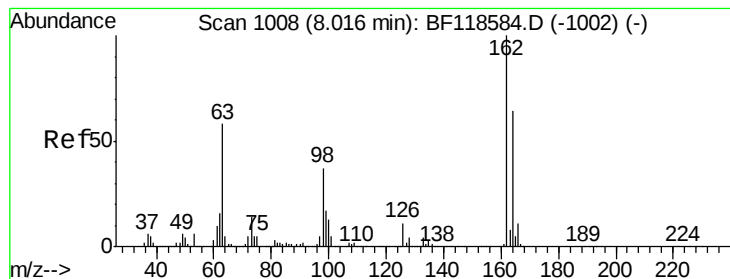


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.152 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

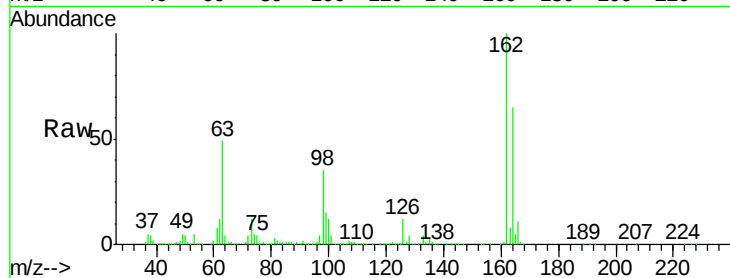
Tot Ion:162 Resp: 846479

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

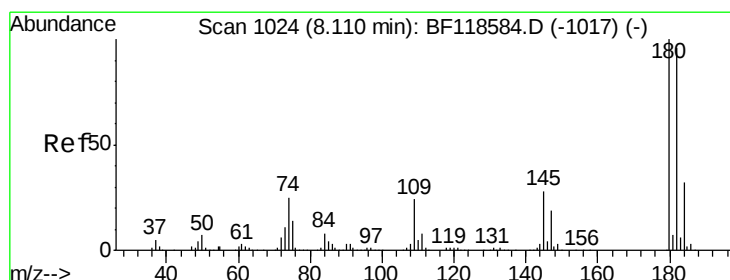
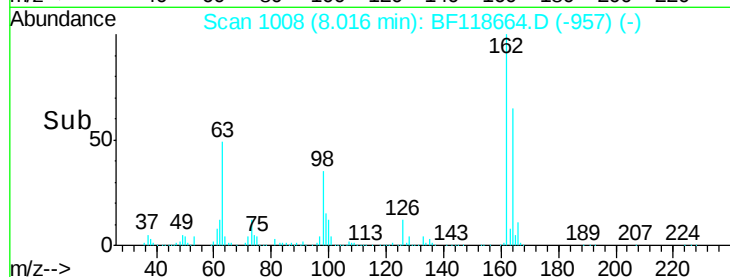
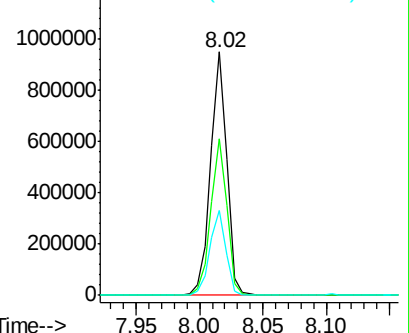
98 34.8 17.5 57.5



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: 41.146 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

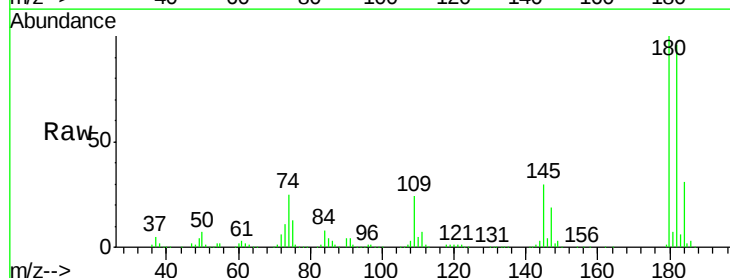
Tgt Ion:180 Resp: 958049

Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

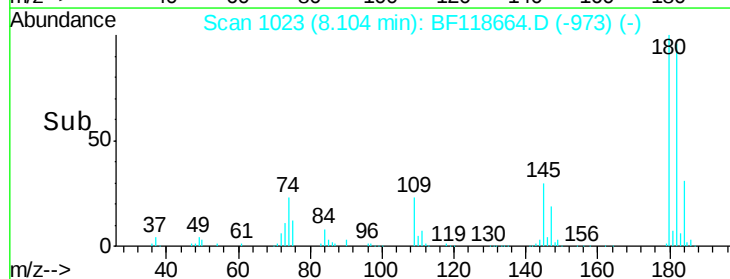
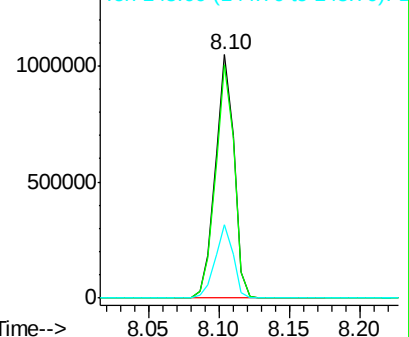
145 30.1 22.8 34.2

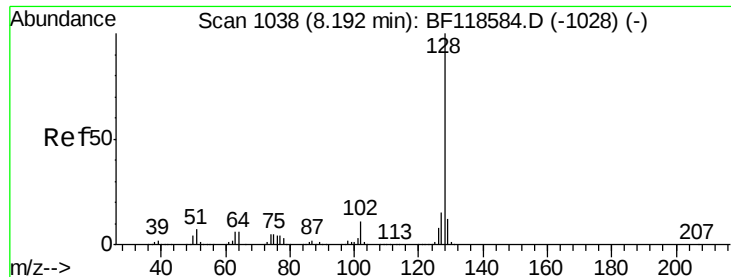


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

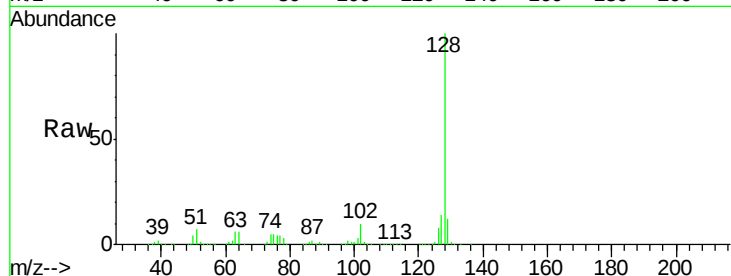




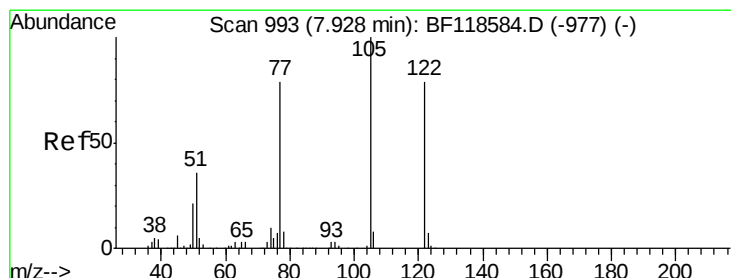
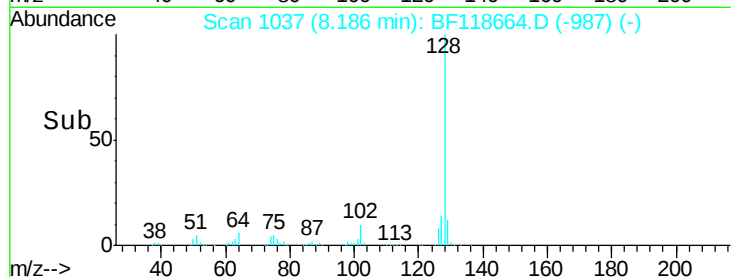
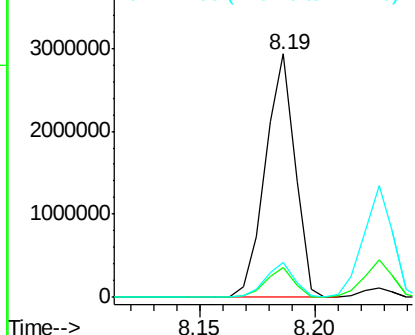
#31
Naphthalene
Concen: 43.036 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2619837
Ion Ratio Lower Upper
128 100
129 12.4 9.9 14.9
127 14.5 12.0 18.0

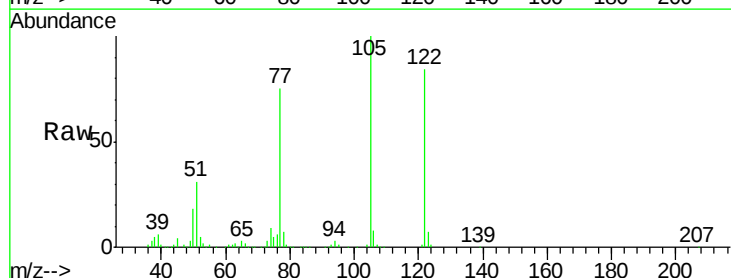


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

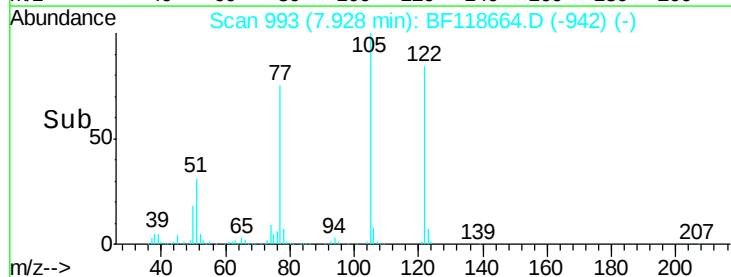
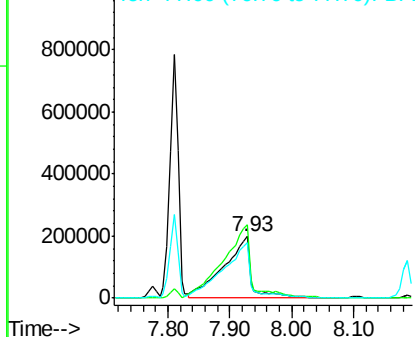


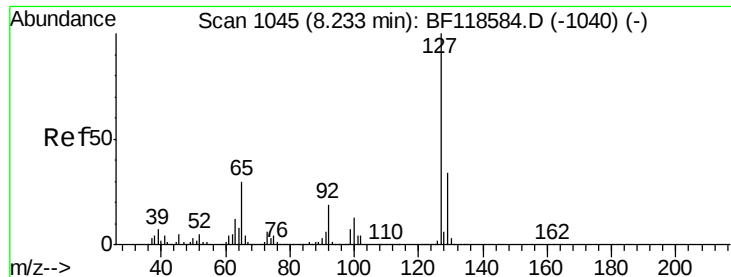
#32
Benzoic acid
Concen: 44.823 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:122 Resp: 611097
Ion Ratio Lower Upper
122 100
105 118.6 104.3 144.3
77 89.5 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

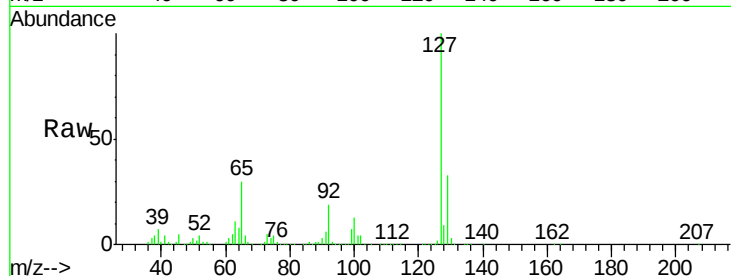




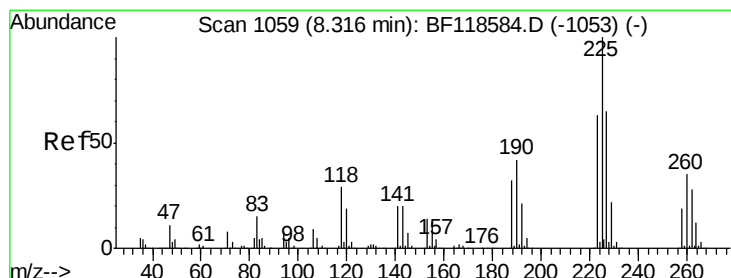
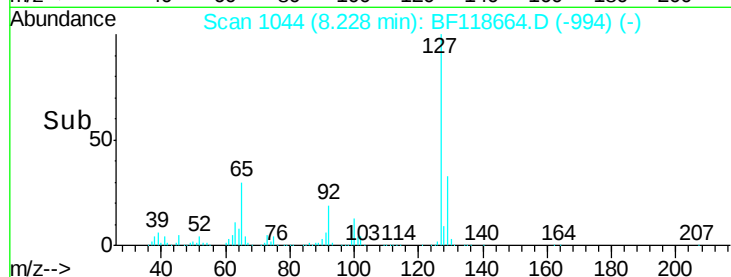
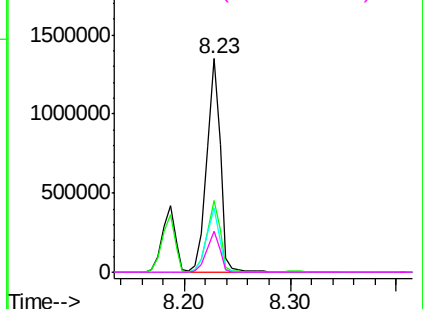
#33
4-Chloroaniline
Concen: 42.749 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	1202816
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.4	41.0
65	29.7	23.6	35.4
92	19.3	15.0	22.4

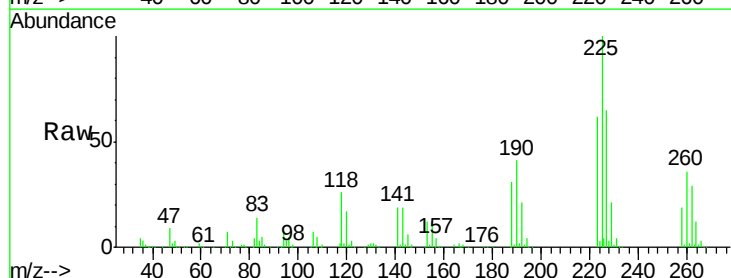


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

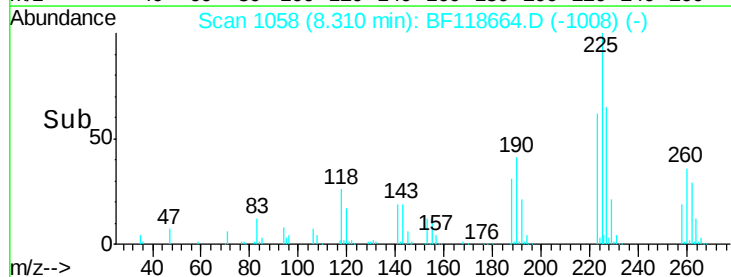
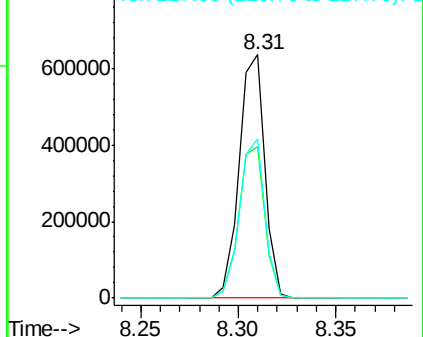


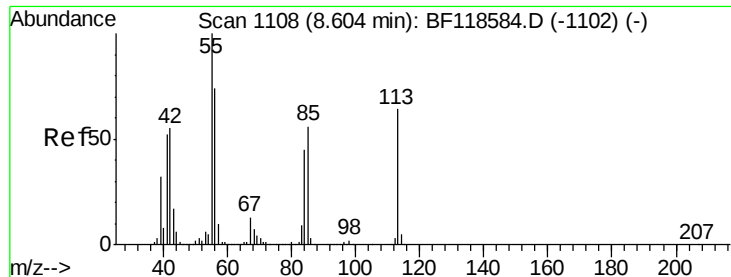
#34
Hexachlorobutadiene
Concen: 40.820 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:	225	Resp:	578816
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.2	75.4
227	65.3	52.1	78.1



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: 42.824 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

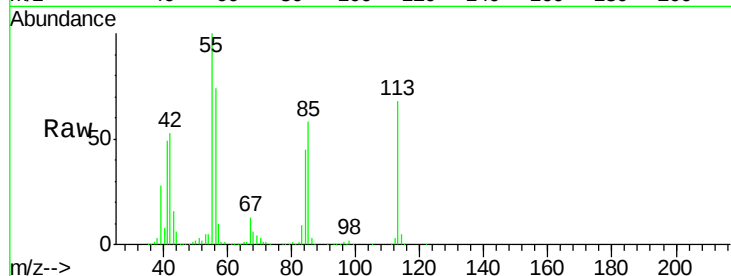
Tot Ion:113 Resp: 281431

Ion Ratio Lower Upper

113 100

55 146.7 136.1 176.1

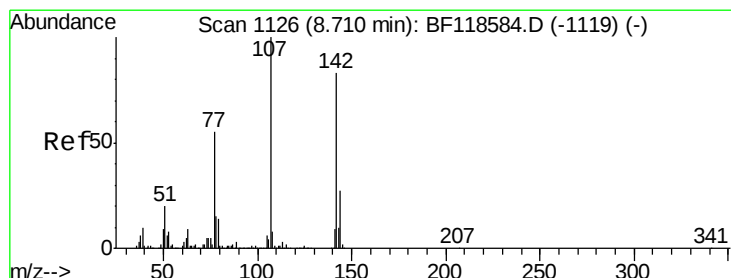
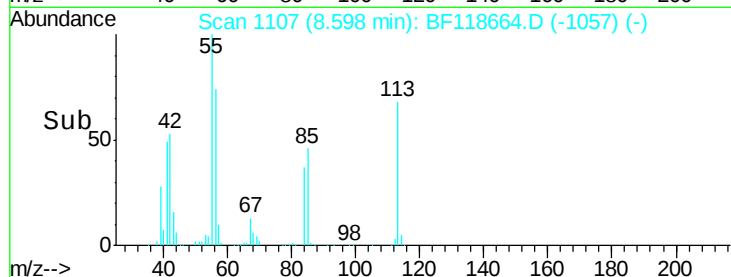
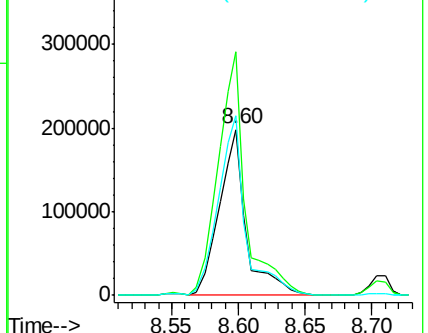
56 108.3 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.858 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

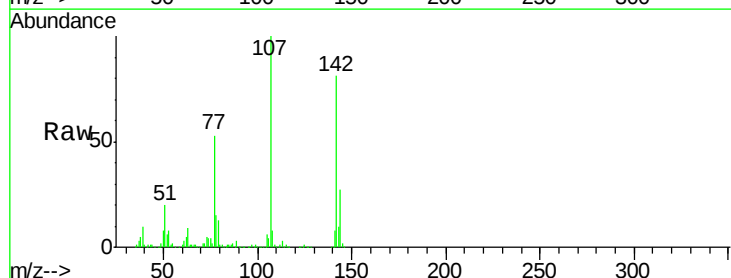
Tgt Ion:107 Resp: 830075

Ion Ratio Lower Upper

107 100

144 27.0 21.8 32.8

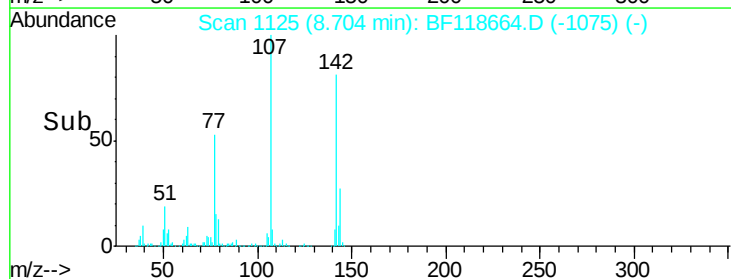
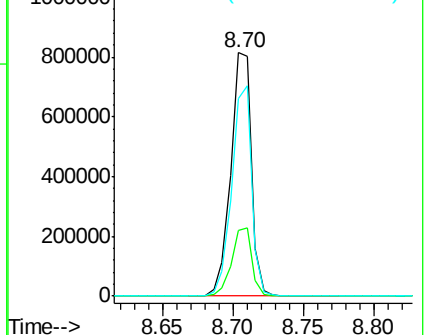
142 81.1 66.5 99.7

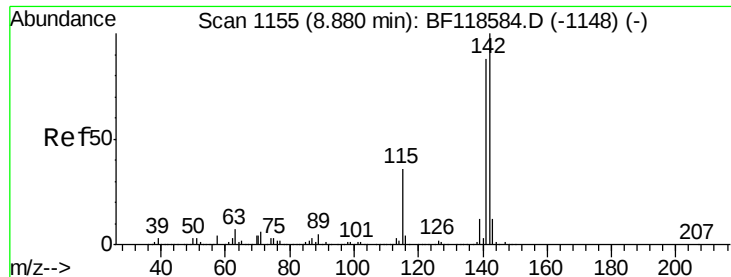


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

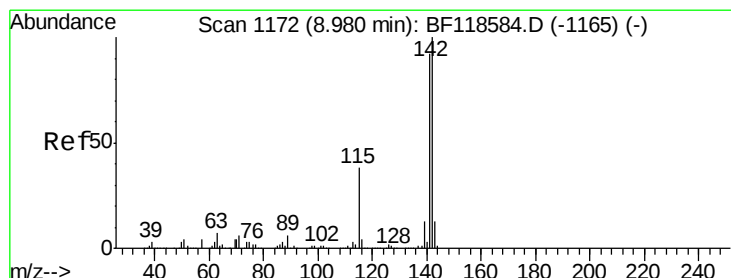
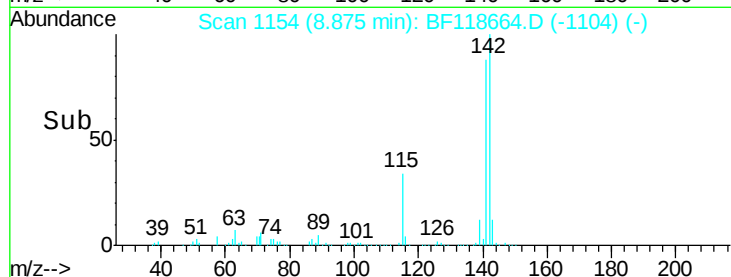
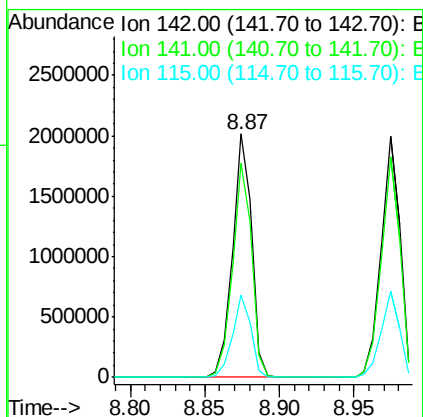
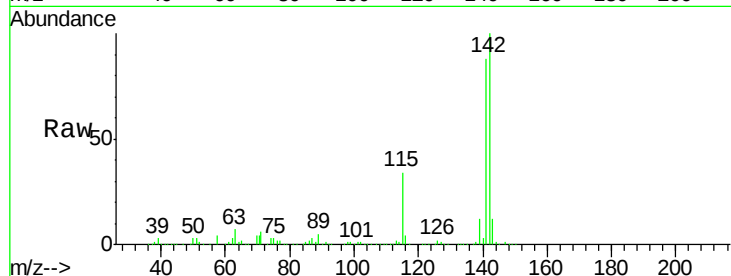




#37
2-Methylnaphthalene
Concen: 42.391 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

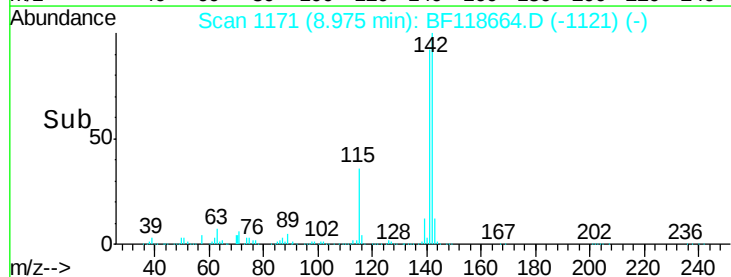
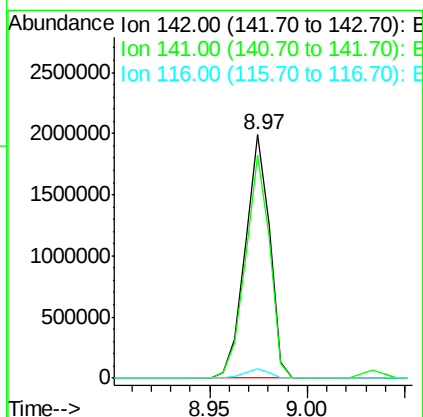
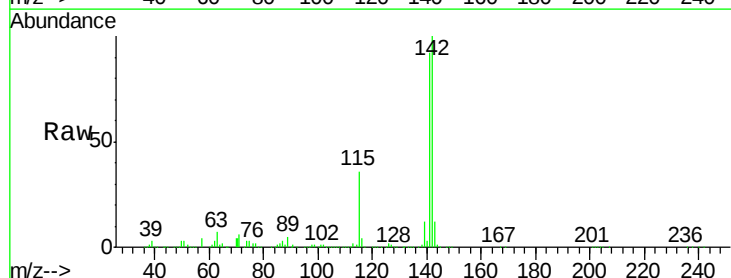
Instrument :
BNA_F
ClientSampled :

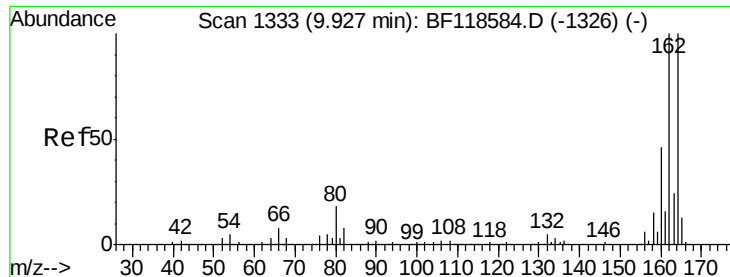
Tot Ion:142 Resp: 1821516
Ion Ratio Lower Upper
142 100
141 87.9 70.7 106.1
115 34.0 28.5 42.7



#38
1-Methylnaphthalene
Concen: 42.194 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:142 Resp: 1722464
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2
116 3.9 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

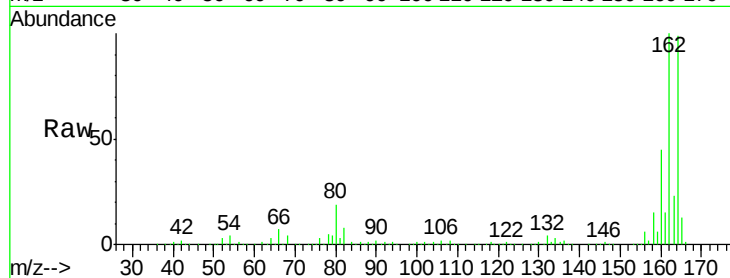
Tot Ion:164 Resp: 783430

Ion Ratio Lower Upper

164 100

162 101.5 80.4 120.6

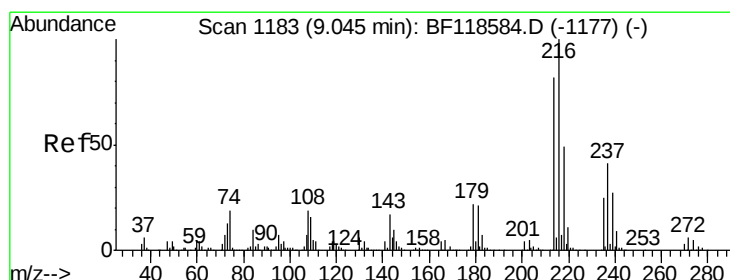
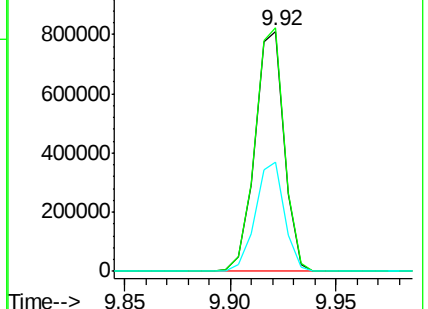
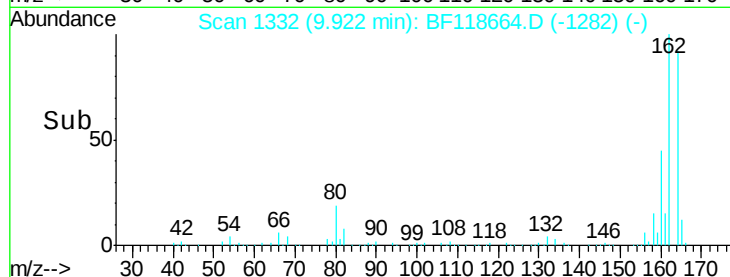
160 45.6 36.6 55.0



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: 40.200 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Tgt Ion:216 Resp: 985412

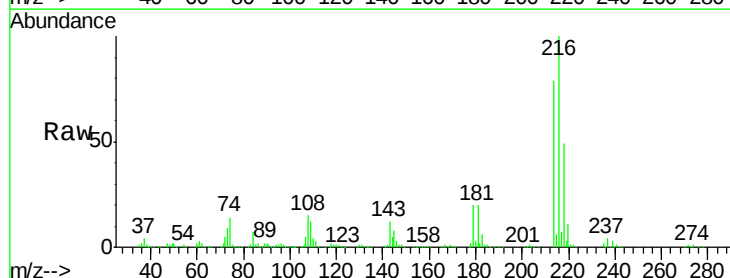
Ion Ratio Lower Upper

216 100

214 79.3 64.2 96.2

179 20.5 16.6 25.0

108 16.8 14.4 21.6

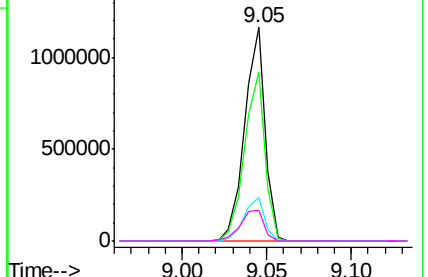
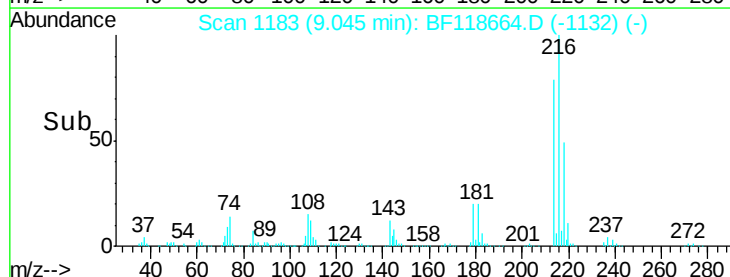


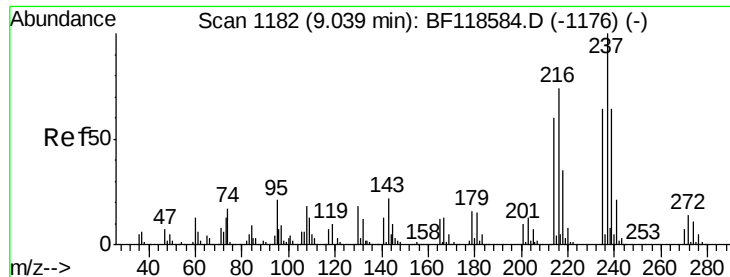
Abundance Ion 216.00 (215.70 to 216.70): E

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

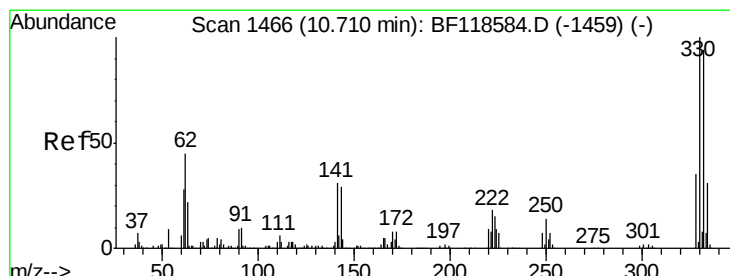
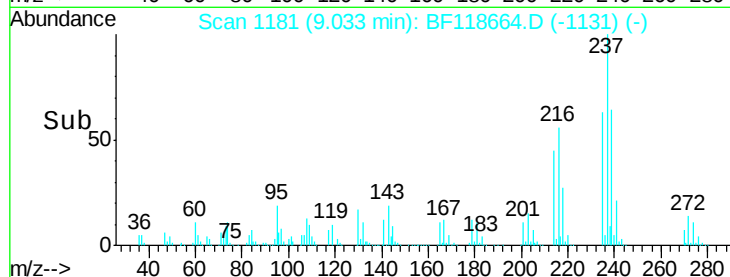
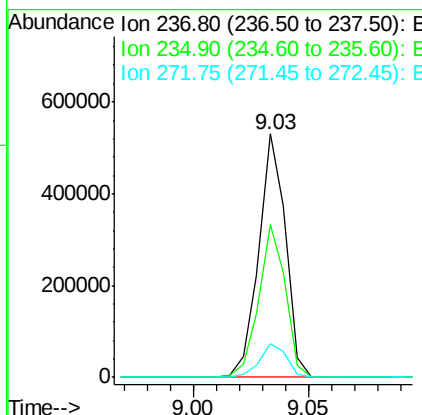
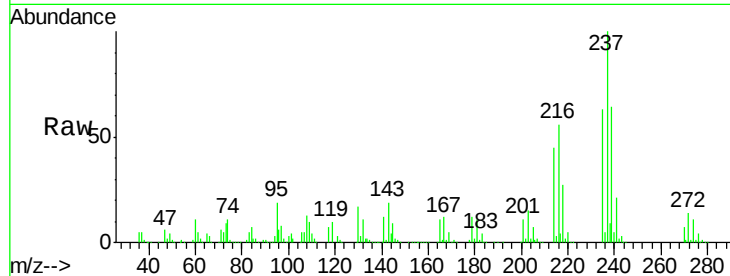




#41
Hexachlorocyclopentadiene
Concen: 34.825 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

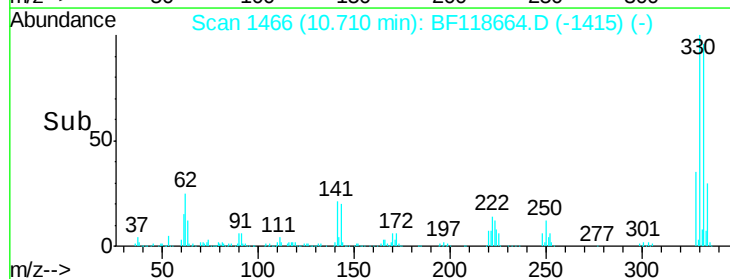
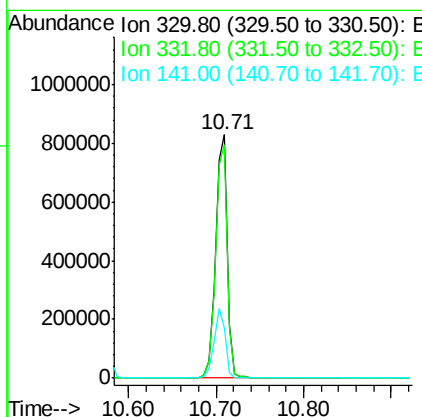
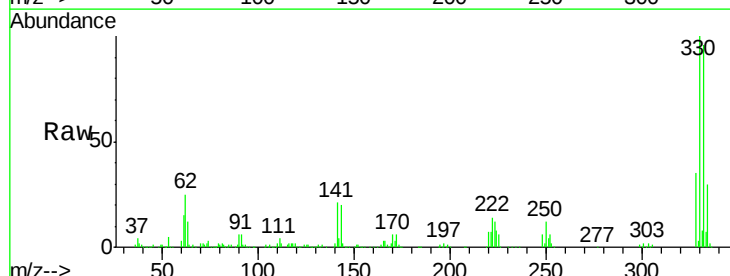
Instrument :
BNA_F
ClientSampleId :

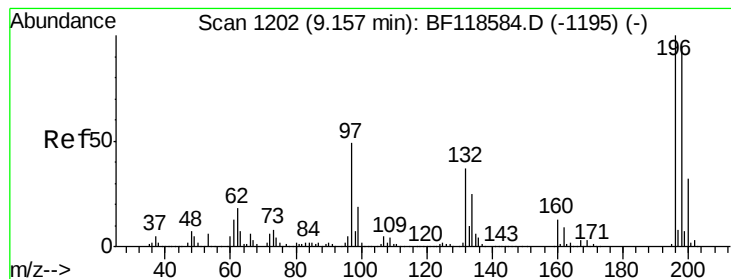
Tot Ion:237 Resp: 430703
Ion Ratio Lower Upper
237 100
235 63.0 44.0 84.0
272 13.7 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 84.579 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:330 Resp: 766400
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 27.6 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 41.100 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampled :

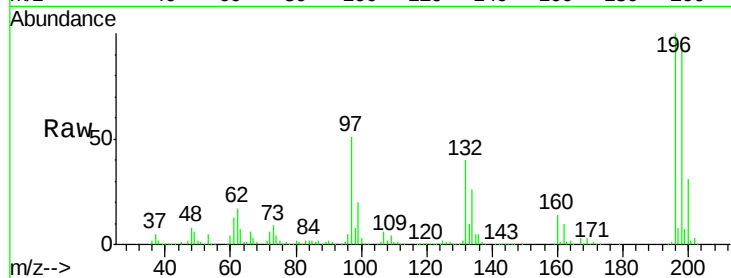
Tot Ion:196 Resp: 668543

Ion Ratio Lower Upper

196 100

198 95.9 76.3 114.5

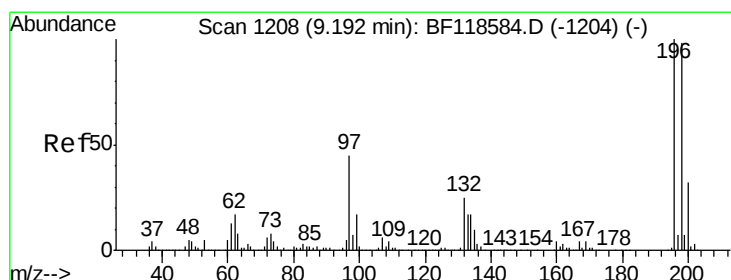
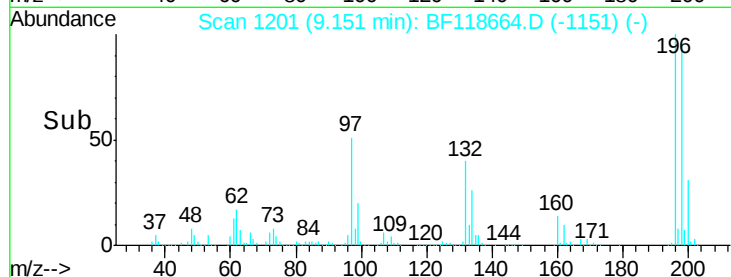
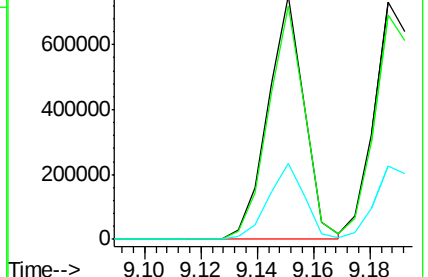
200 31.0 25.4 38.2



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: 41.296 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Tgt Ion:196 Resp: 686038

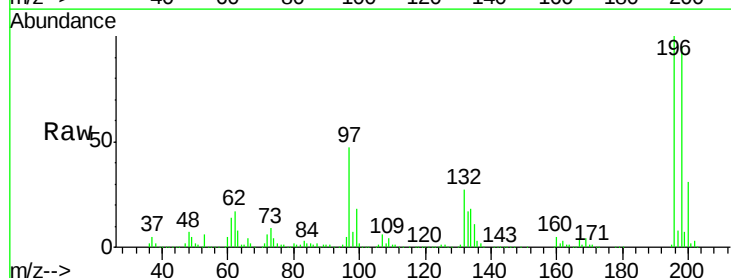
Ion Ratio Lower Upper

196 100

198 94.8 78.3 117.5

97 47.2 35.9 53.9

132 26.6 20.3 30.5

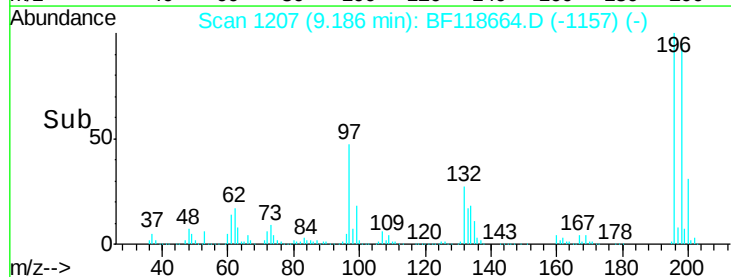
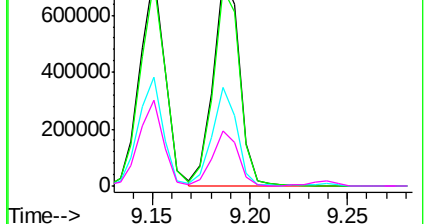


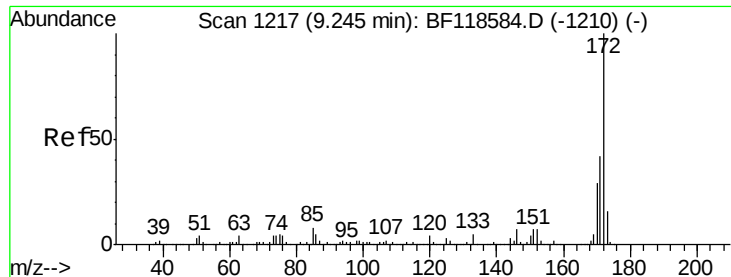
Abundance Ion 196.00 (195.70 to 196.70): E

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

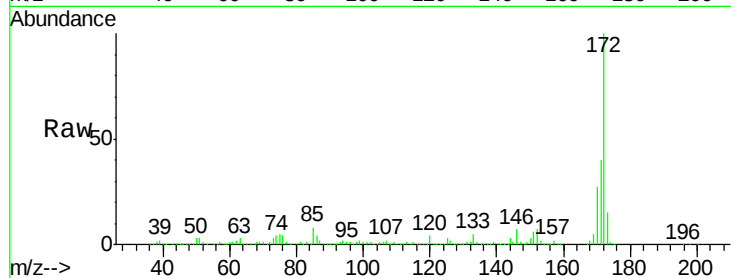




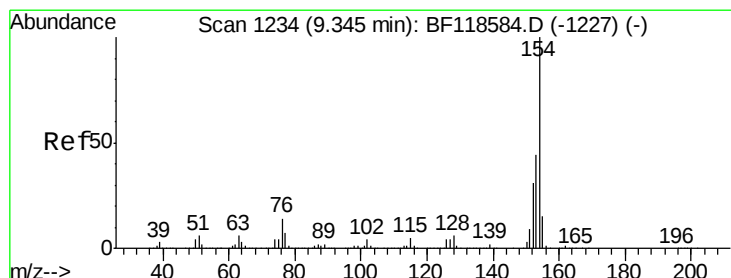
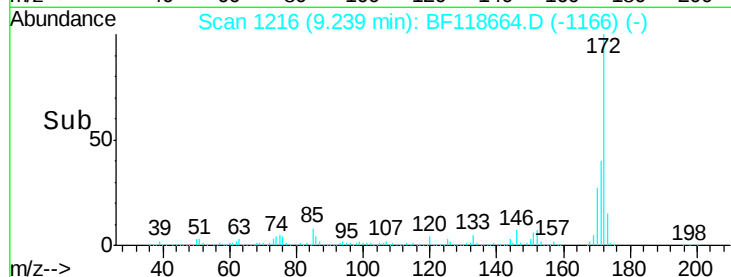
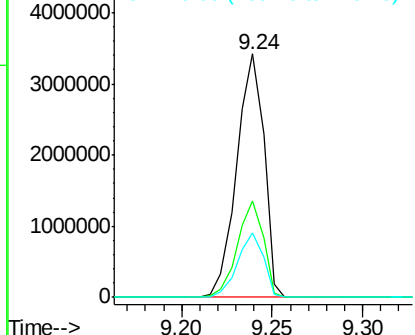
#45
2-Fluorobiphenyl
Concen: 74.938 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3571915
Ion Ratio Lower Upper
172 100
171 39.6 33.4 50.2
170 26.7 23.2 34.8

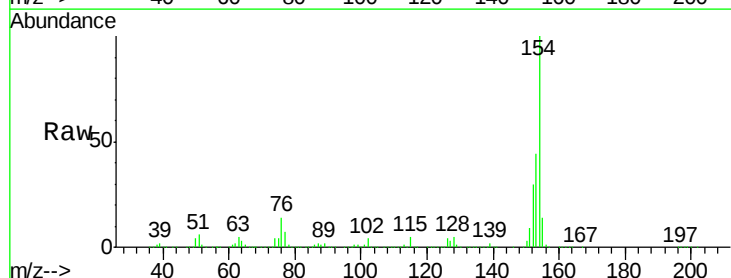


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

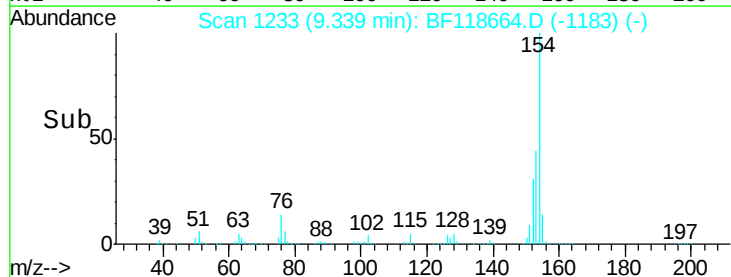
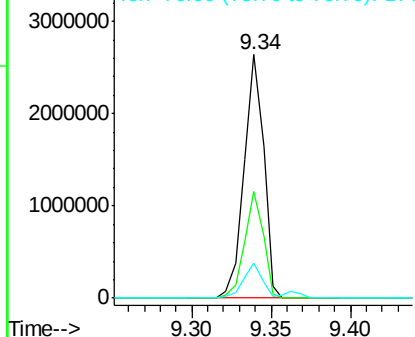


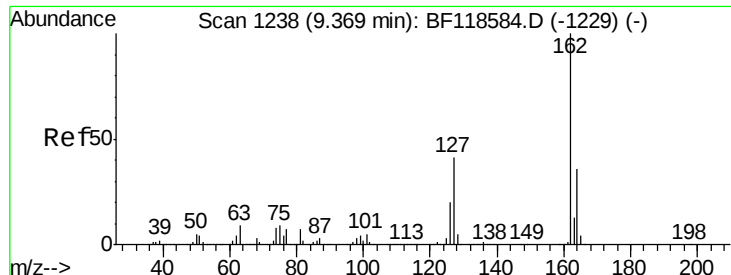
#46
1,1'-Biphenyl
Concen: 41.656 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:154 Resp: 2249156
Ion Ratio Lower Upper
154 100
153 43.6 23.8 63.8
76 14.1 0.0 34.3



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

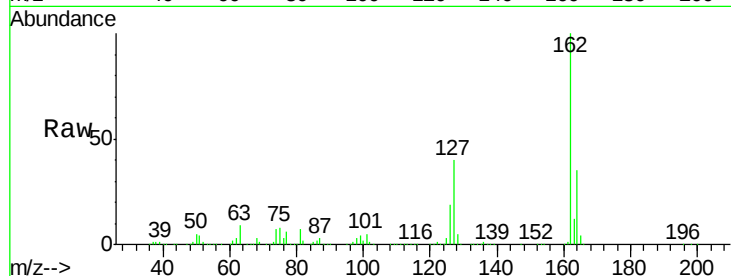




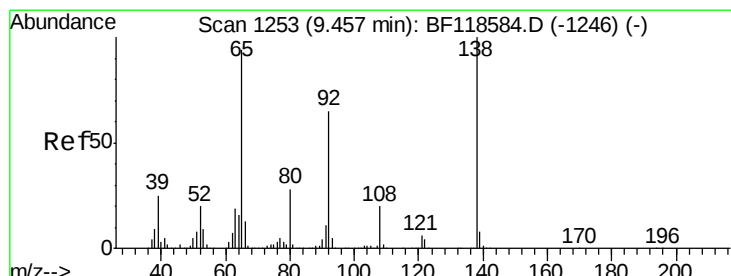
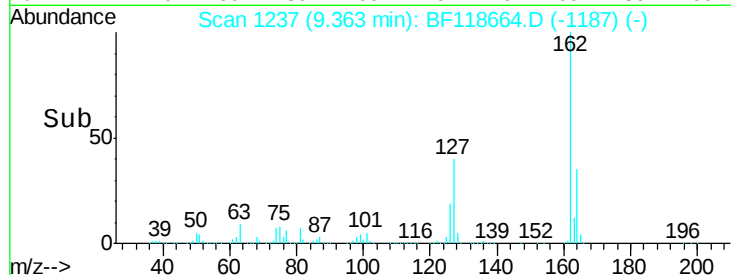
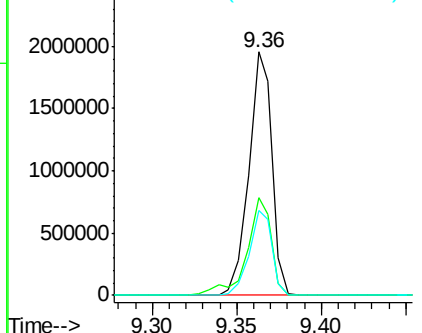
#47
 2-Chloronaphthalene
 Concen: 41.000 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118664.D
 Acq: 22 Jan 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1865919
 Ion Ratio Lower Upper
 162 100
 127 40.2 33.0 49.6
 164 34.7 28.6 42.8

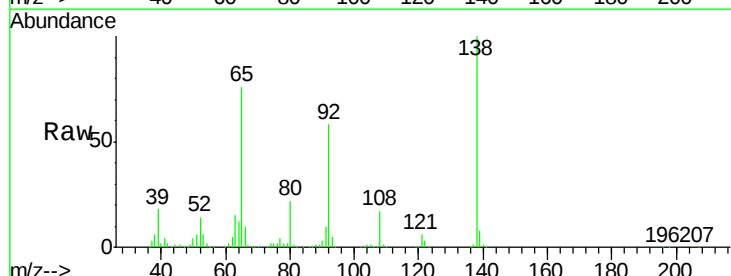


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

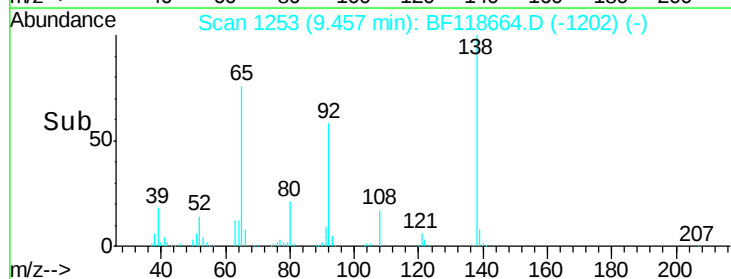
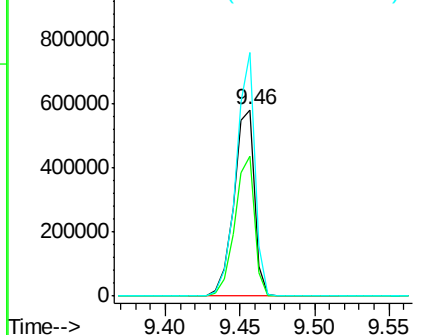


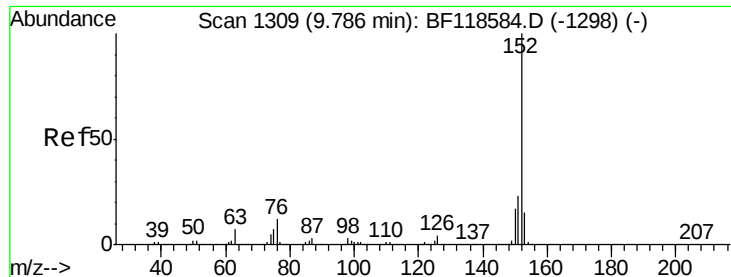
#48
 2-Nitroaniline
 Concen: 40.476 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118664.D
 Acq: 22 Jan 2020 14:52

Tgt Ion: 65 Resp: 566246
 Ion Ratio Lower Upper
 65 100
 92 75.5 55.4 83.0
 138 130.9 85.0 127.6#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.468 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

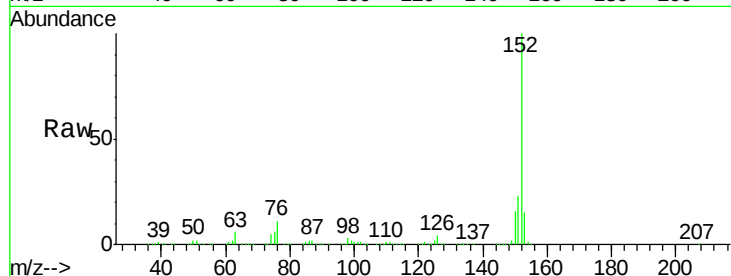
Tot Ion:152 Resp: 2718984

Ion Ratio Lower Upper

152 100

151 22.5 18.6 27.8

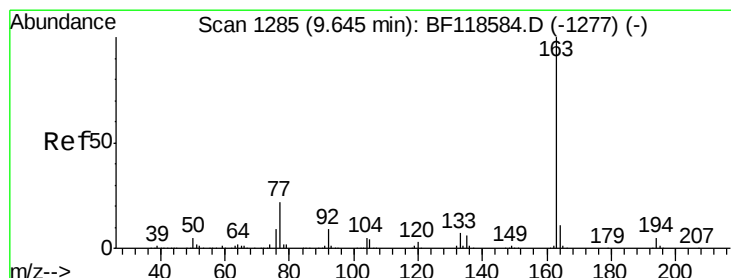
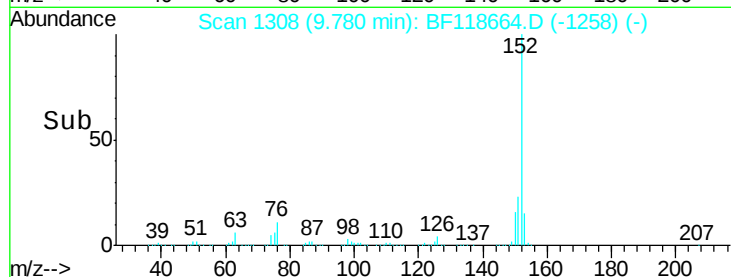
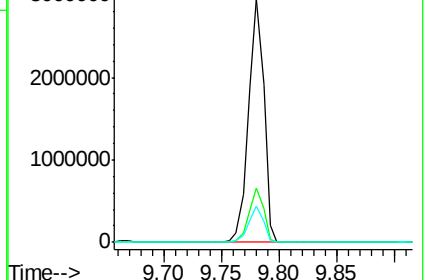
153 14.7 12.2 18.4



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: 42.203 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

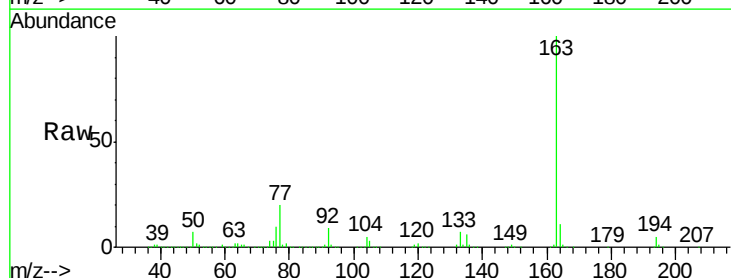
Tgt Ion:163 Resp: 2154122

Ion Ratio Lower Upper

163 100

194 4.9 3.9 5.9

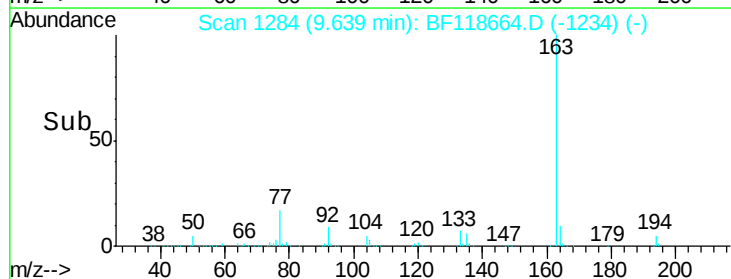
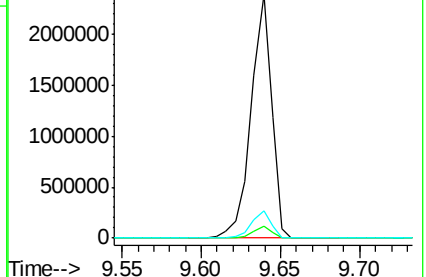
164 11.1 9.1 13.7

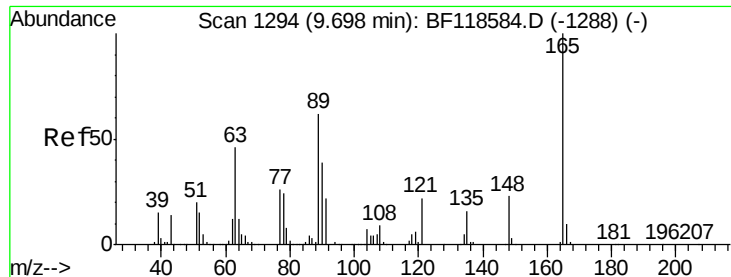


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

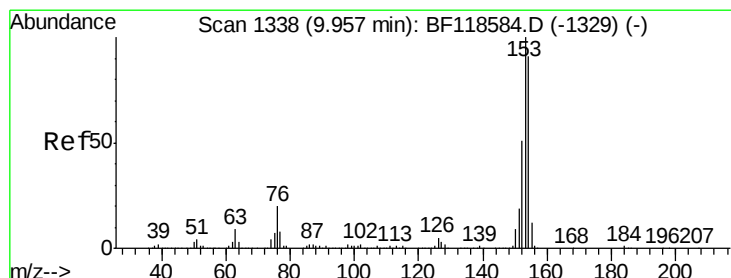
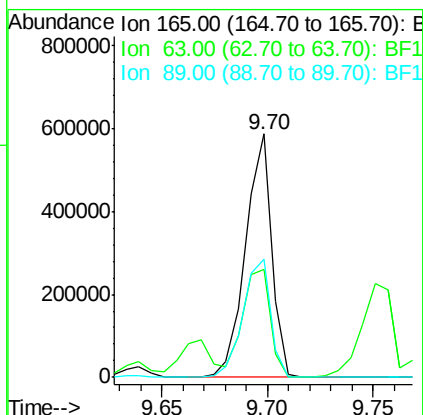
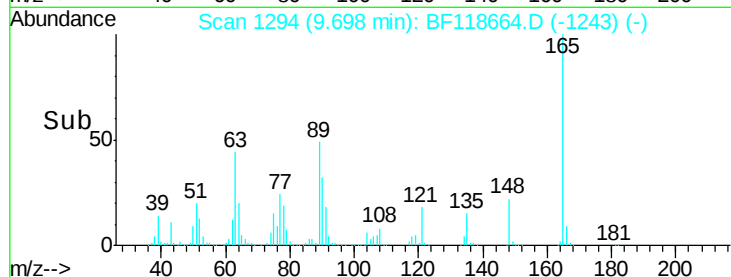
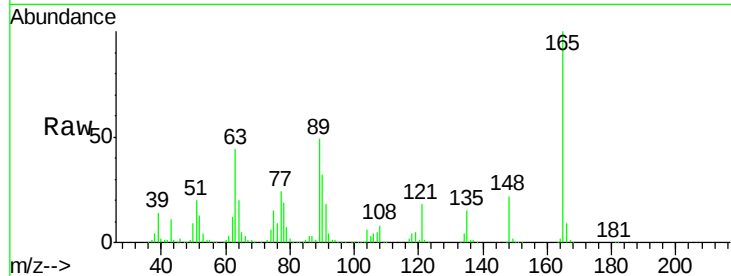




#51
 2,6-Dinitrotoluene
 Concen: 44.131 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF118664.D
 Acq: 22 Jan 2020 14:52

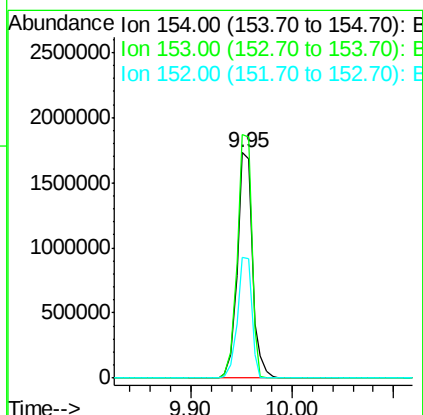
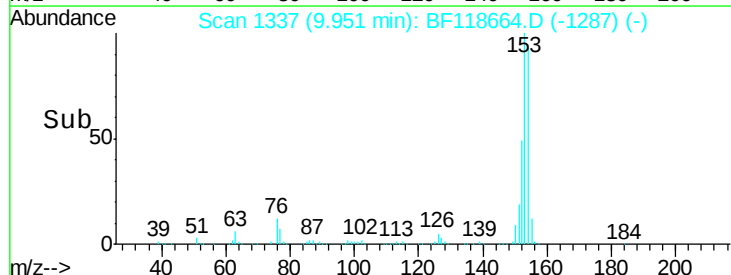
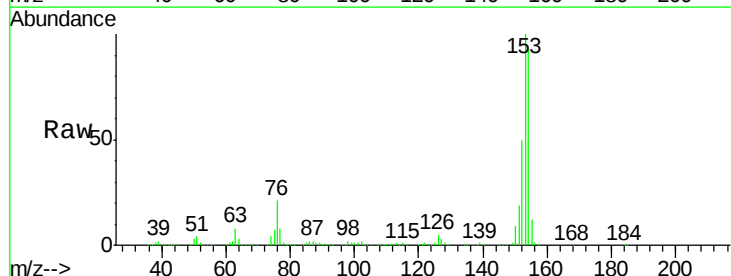
Instrument :
 BNA_F
 ClientSampleId :

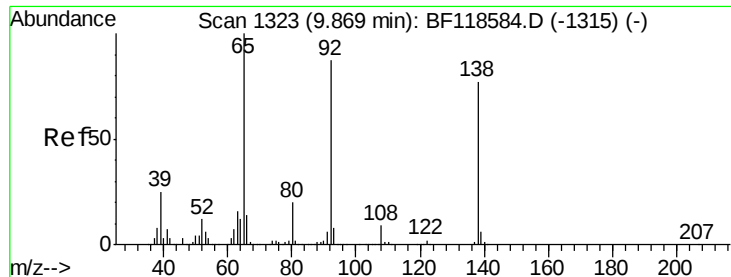
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	48.9	73.3#
89	48.7	49.8	74.6#



#52
 Acenaphthene
 Concen: 41.913 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF118664.D
 Acq: 22 Jan 2020 14:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.1	87.6	131.4
152	53.7	44.4	66.6

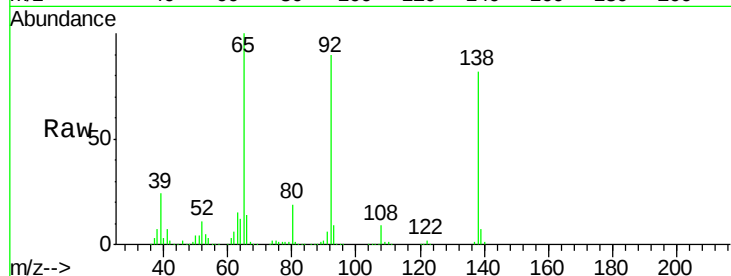




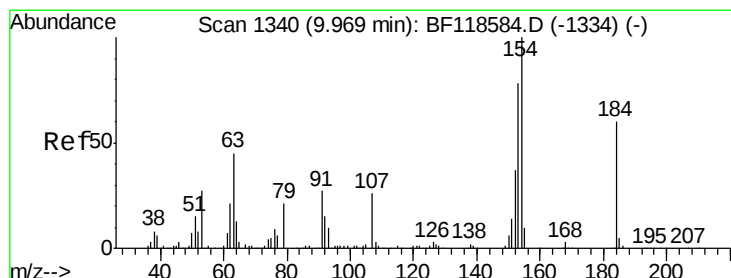
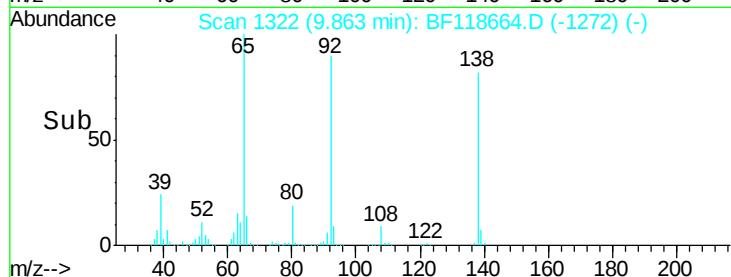
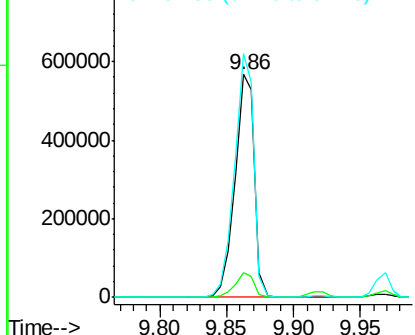
#53
3-Nitroaniline
Concen: 44.261 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 577651
Ion Ratio Lower Upper
138 100
108 10.8 9.6 14.4
92 109.3 90.6 136.0

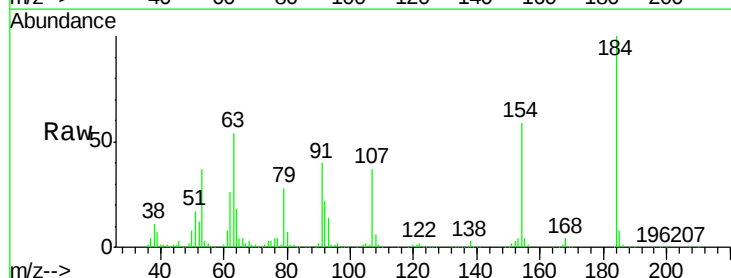


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

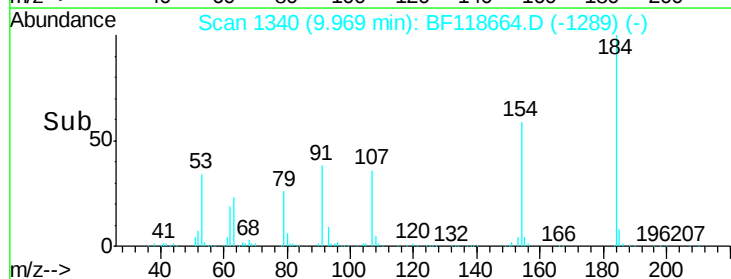
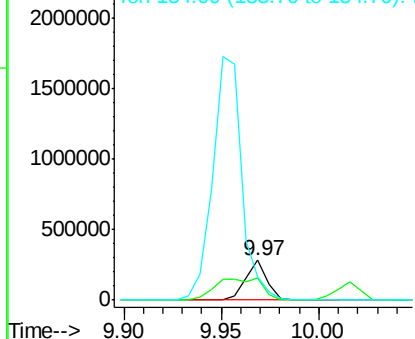


#54
2,4-Dinitrophenol
Concen: 47.631 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:184 Resp: 217341
Ion Ratio Lower Upper
184 100
63 54.1 60.6 90.8#
154 59.5 137.3 205.9#



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

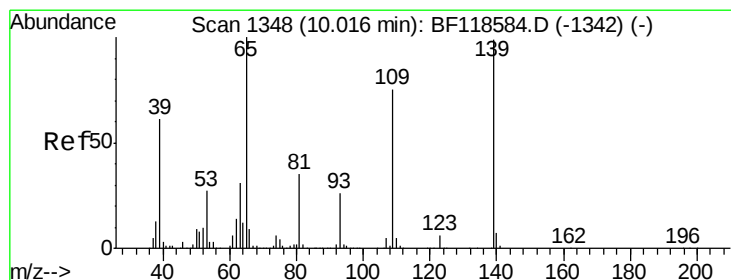
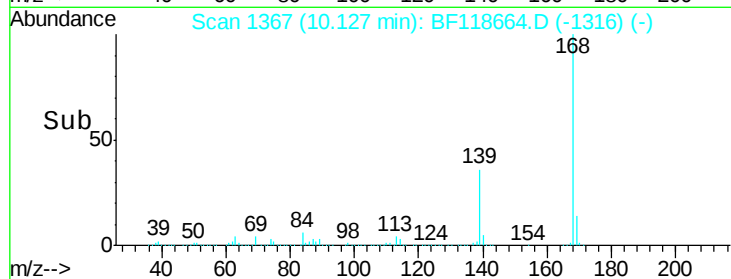
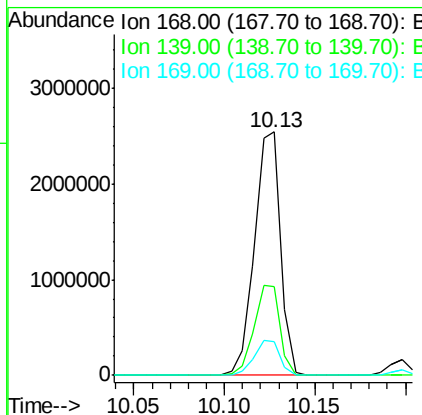
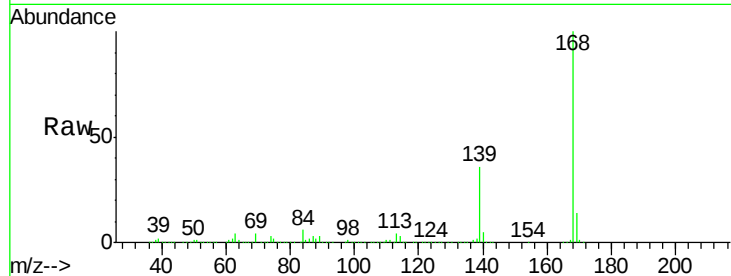




#55
Dibenzofuran
Concen: 42.775 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

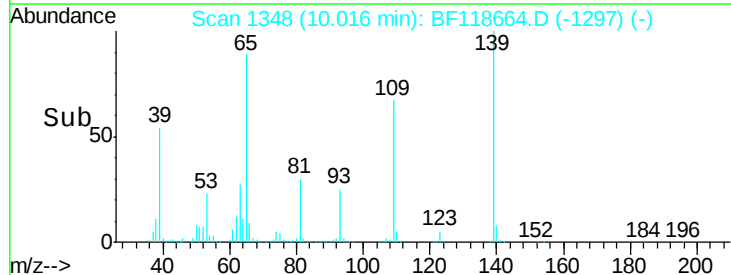
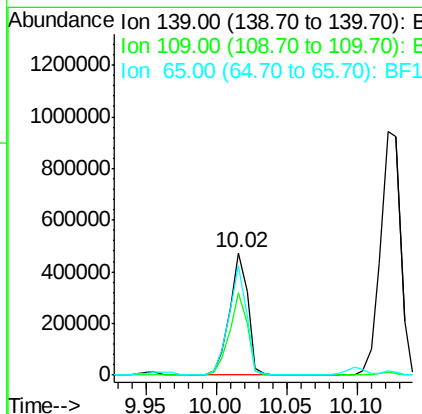
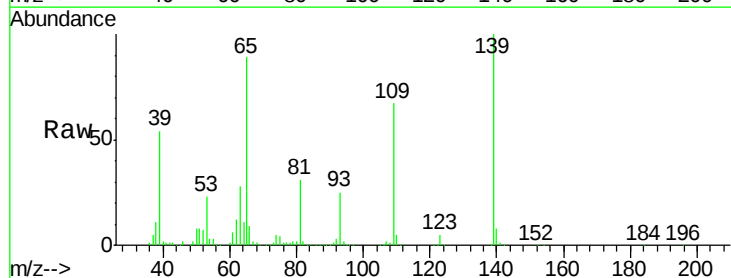
Instrument :
BNA_F
ClientSampleId :

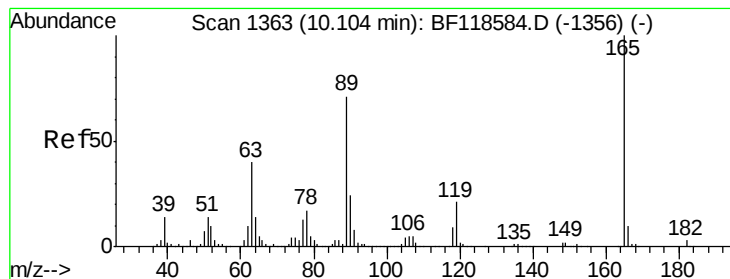
Tot Ion:168 Resp: 2537768
Ion Ratio Lower Upper
168 100
139 36.2 32.7 49.1
169 14.1 12.2 18.2



#56
4-Nitrophenol
Concen: 43.171 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:139 Resp: 425331
Ion Ratio Lower Upper
139 100
109 67.0 56.0 96.0
65 89.3 81.4 121.4





#57

2,4-Dinitrotoluene

Concen: 46.222 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF118664.D

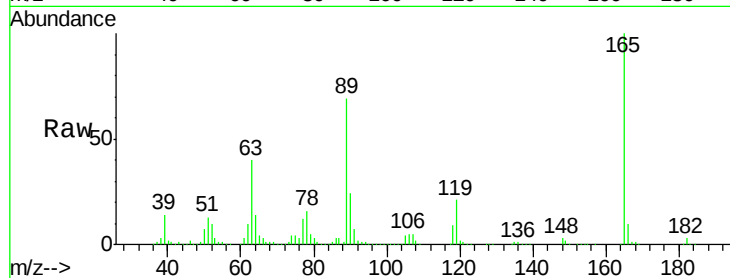
Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	665995
Ion	Ratio	Lower Upper
165	100	
63	39.9	32.4 48.6
89	68.7	56.4 84.6
182	2.9	2.3 3.5

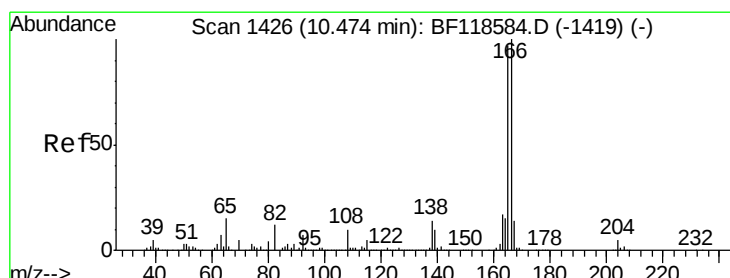
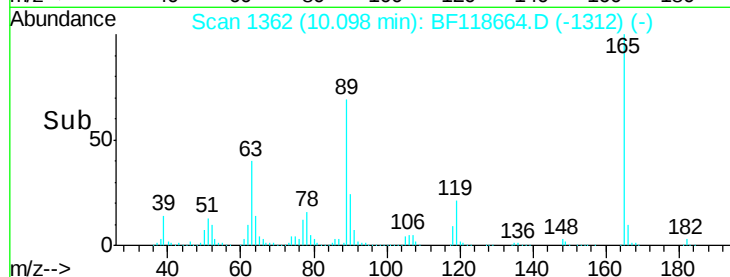
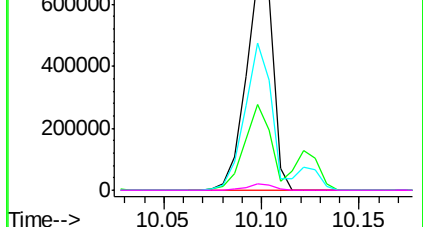


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.109 ng

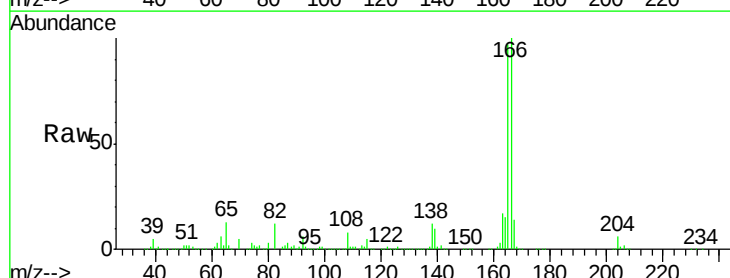
RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

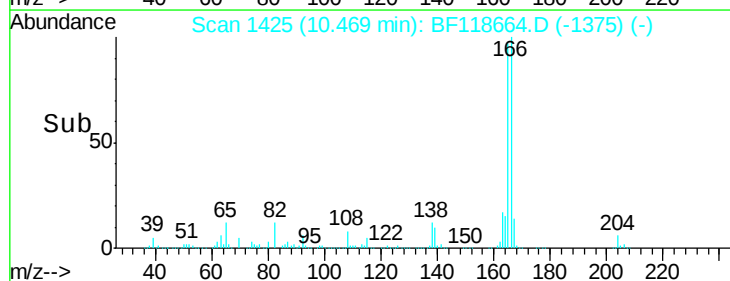
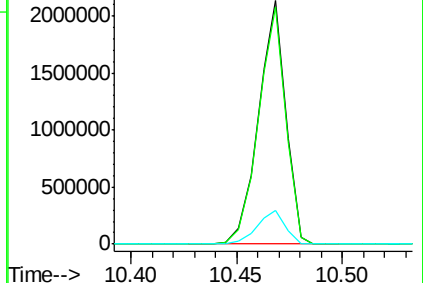
Tgt Ion:166	Resp:	1914645
Ion	Ratio	Lower Upper
166	100	
165	97.4	77.3 115.9
167	14.1	11.5 17.3

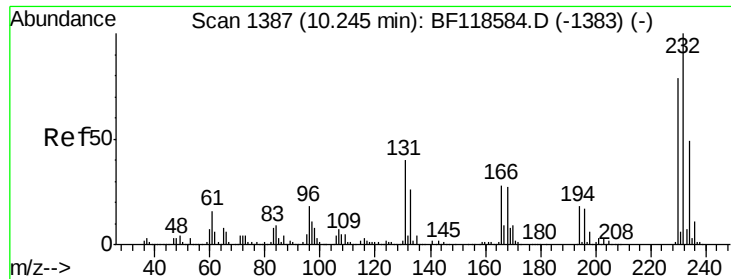


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

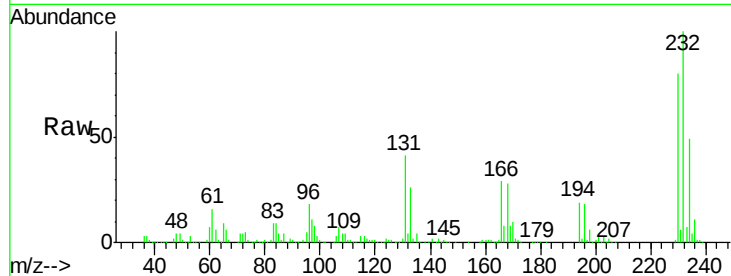




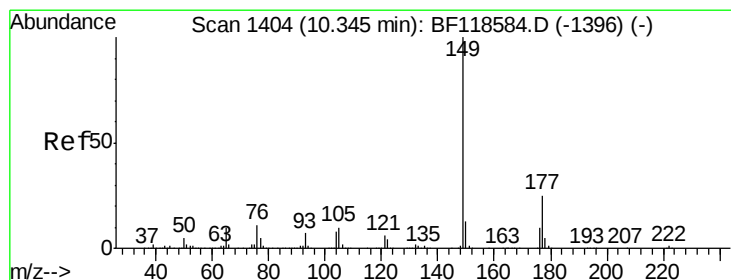
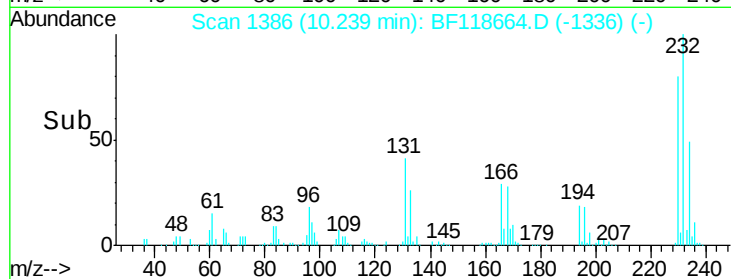
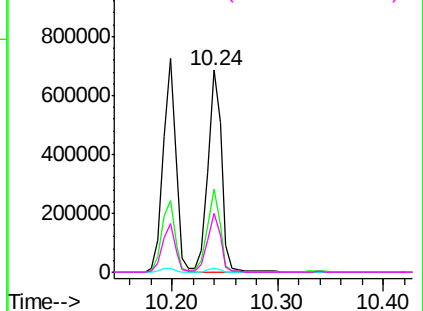
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.509 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118664.D
 Acq: 22 Jan 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	621148
Ion	Ratio	Lower	Upper
232	100		
131	38.6	33.2	49.8
130	1.9	1.8	2.6
166	27.9	22.6	33.8

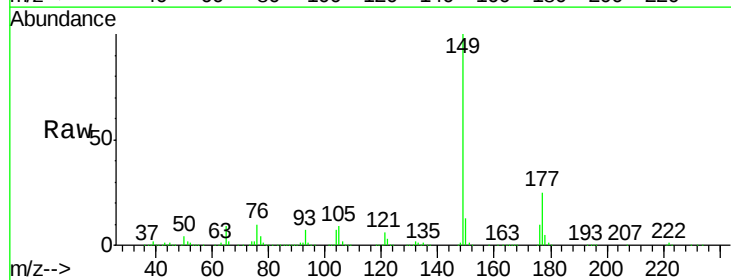


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

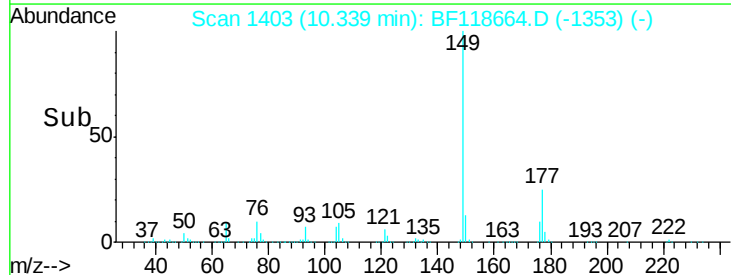
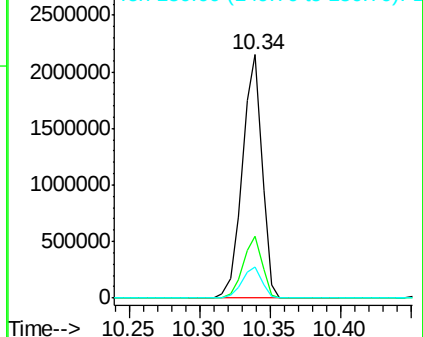


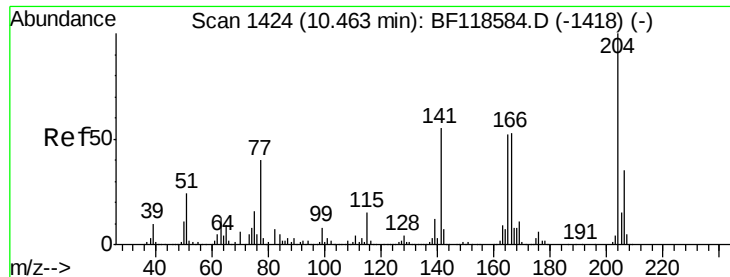
#60
 Diethylphthalate
 Concen: 42.164 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF118664.D
 Acq: 22 Jan 2020 14:52

Tgt Ion:	149	Resp:	2086653
Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.0	30.0
150	13.0	10.6	16.0



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

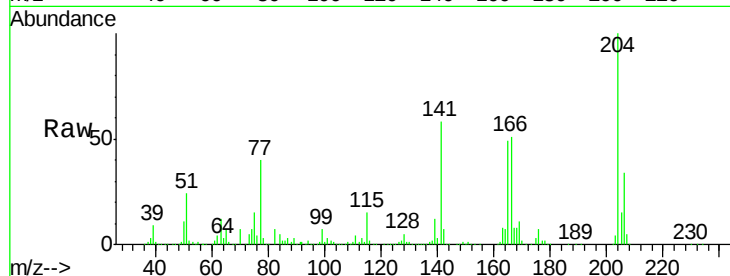




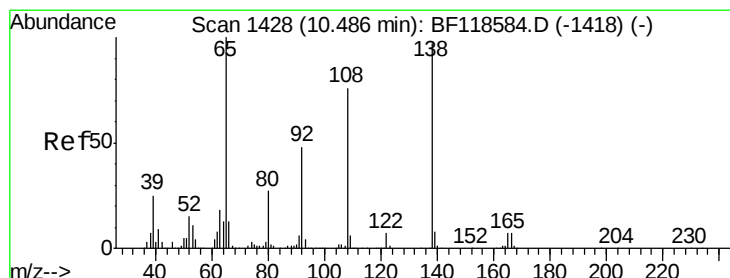
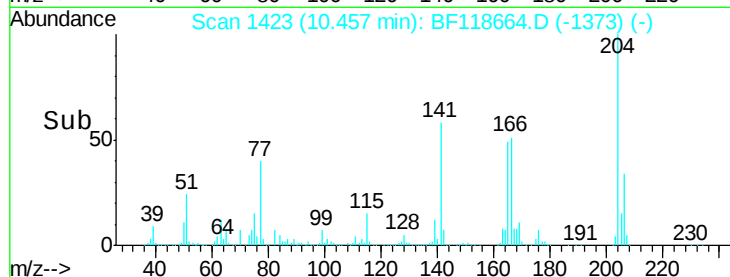
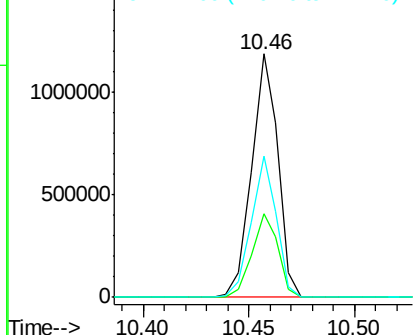
#61
4-Chlorophenyl-phenylether
Concen: 40.461 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1024936
Ion Ratio Lower Upper
204 100
206 34.3 27.8 41.6
141 57.9 43.7 65.5

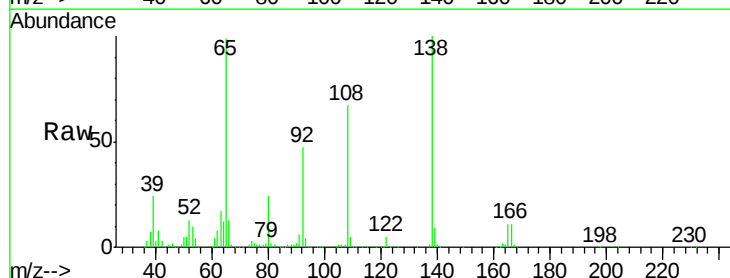


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

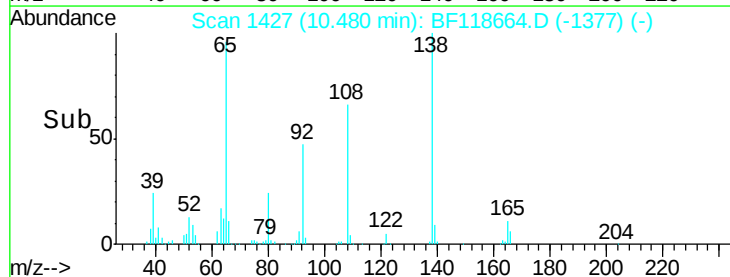
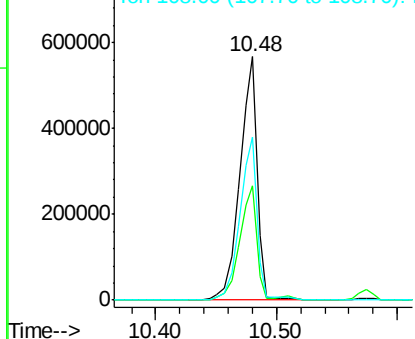


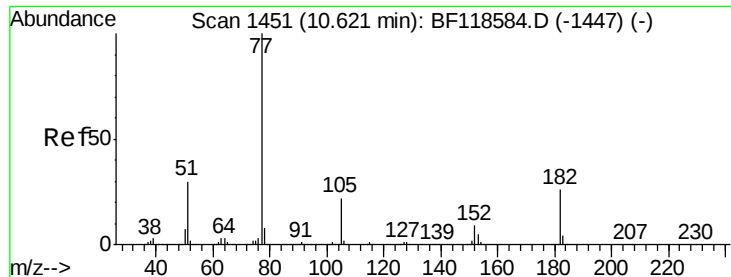
#62
4-Nitroaniline
Concen: 42.304 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:138 Resp: 566329
Ion Ratio Lower Upper
138 100
92 47.0 29.4 69.4
108 66.7 58.2 98.2



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





#63

Azobenzene

Concen: 40.245 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1928872

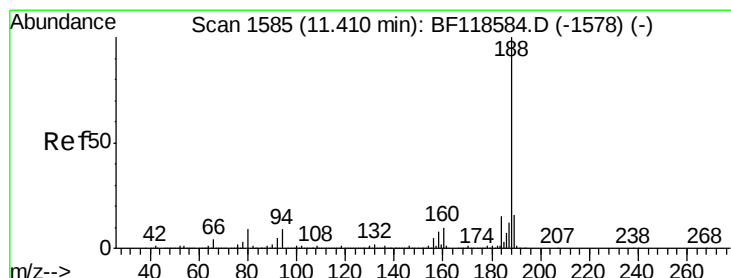
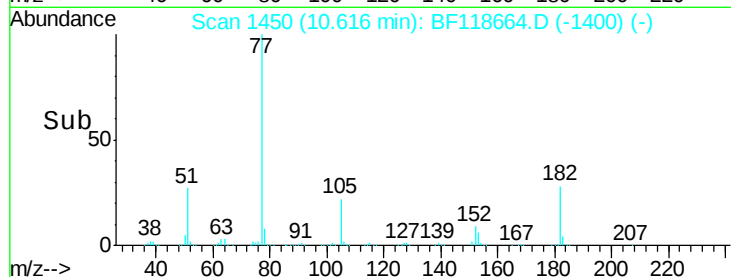
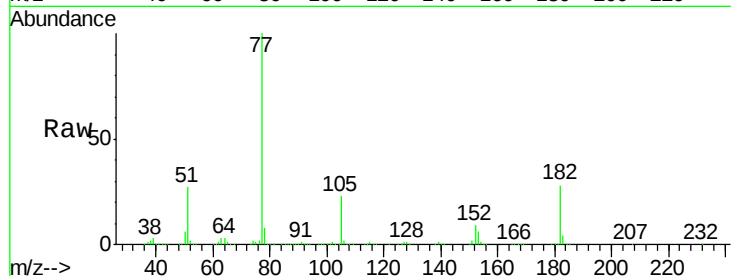
Ion	Ratio	Lower	Upper
77	100		
182	28.0	5.6	45.6
105	22.9	2.0	42.0
51	27.5	10.2	50.2

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

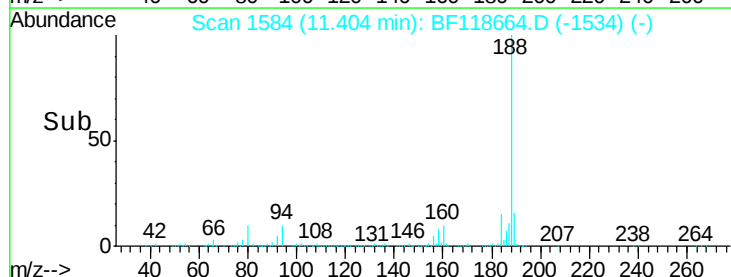
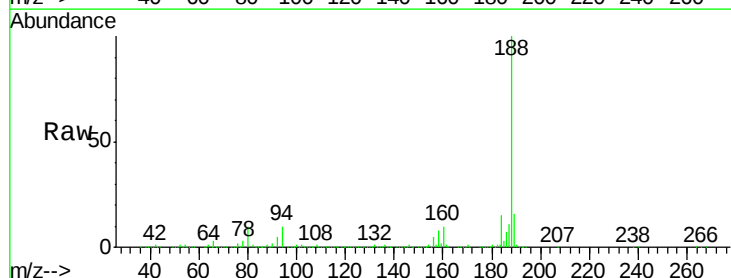
Tgt Ion: 188 Resp: 1465487

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.1	10.7
80	10.1	7.5	11.3

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: 48.082 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

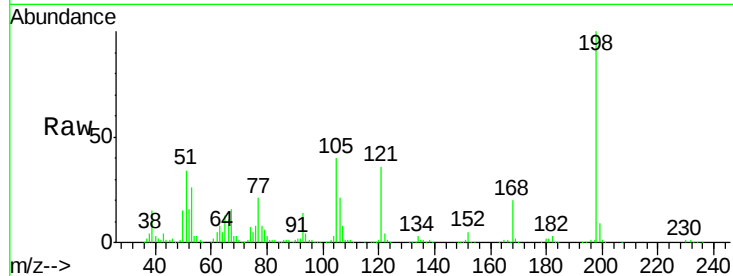
Tot Ion:198 Resp: 309849

Ion	Ratio	Lower	Upper
198	100		
51	34.0	25.2	65.2
105	39.5	26.3	66.3

198 100

51 34.0 25.2 65.2

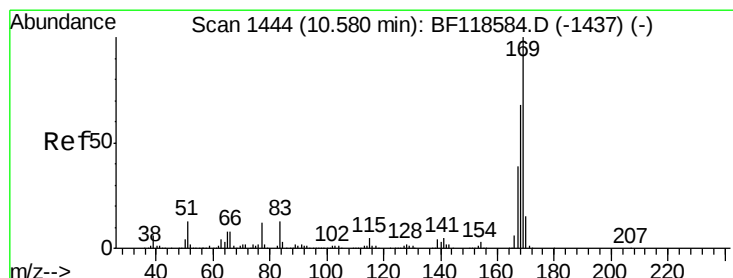
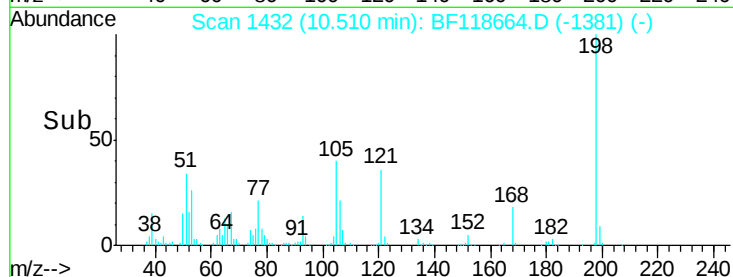
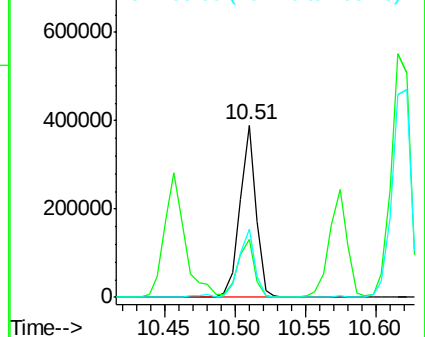
105 39.5 26.3 66.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.036 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

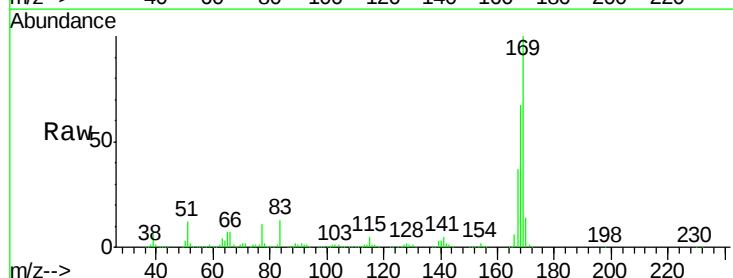
Tgt Ion:169 Resp: 1813623

Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.6	82.0
167	37.4	30.9	46.3

169 100

168 67.4 54.6 82.0

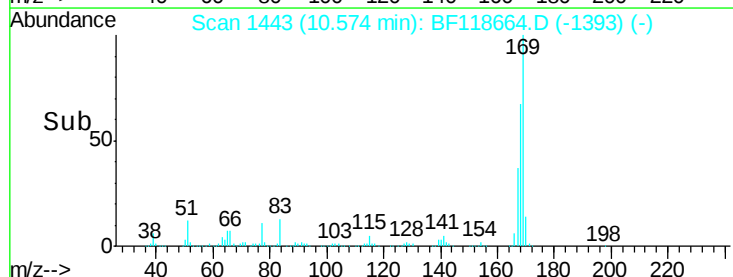
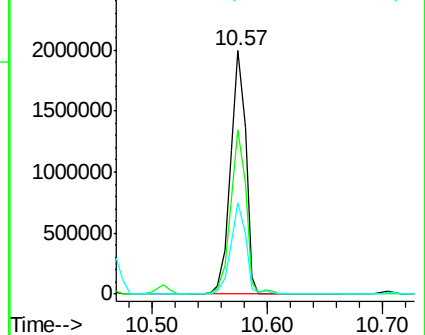
167 37.4 30.9 46.3



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

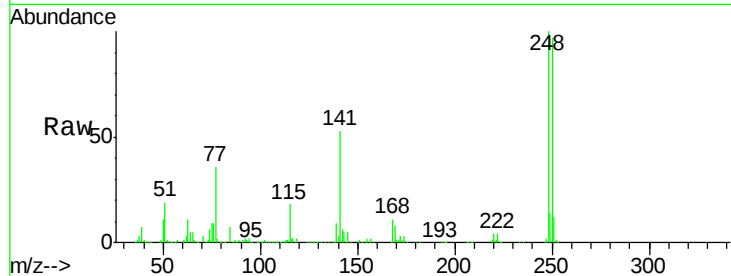




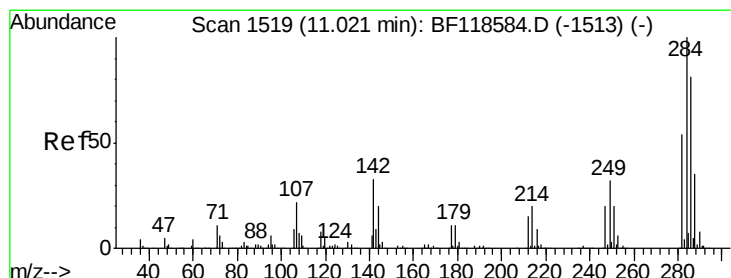
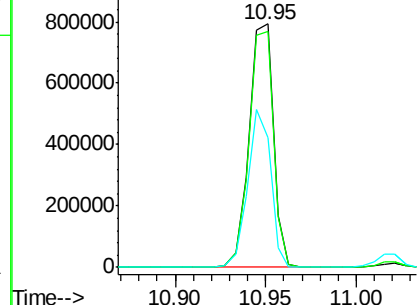
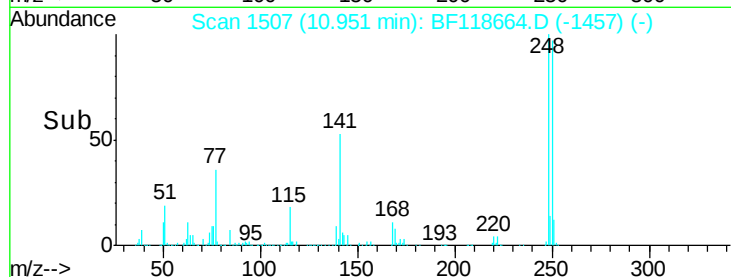
#67
4-Bromophenyl-phenylether
Concen: 40.821 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.7	118.1
141	53.1	43.2	64.8

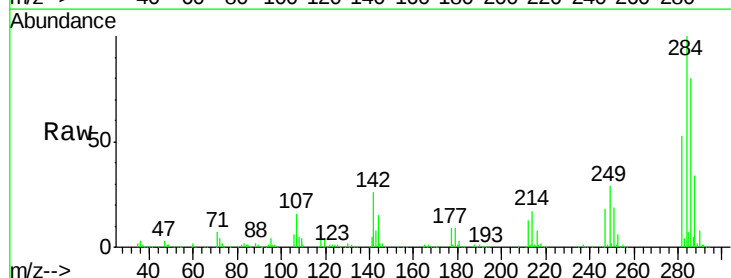


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

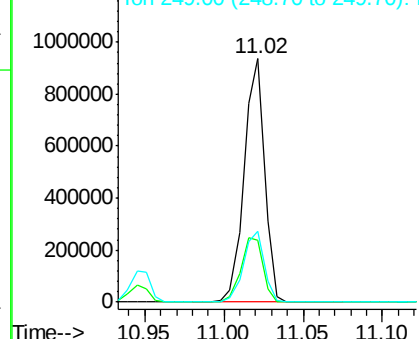
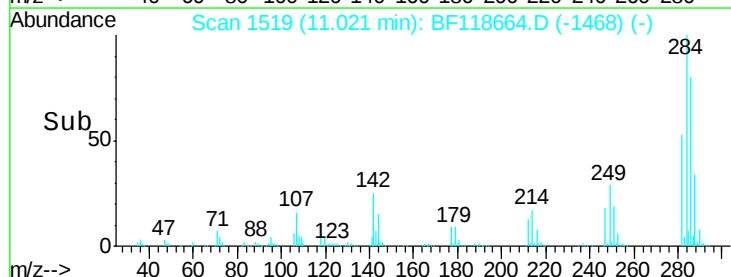


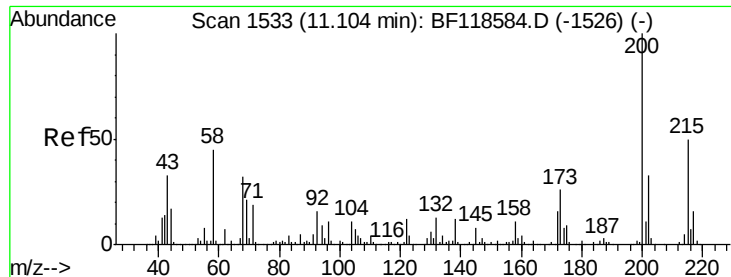
#68
Hexachlorobenzene
Concen: 40.482 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	26.6	39.8#
249	29.3	25.2	37.8



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

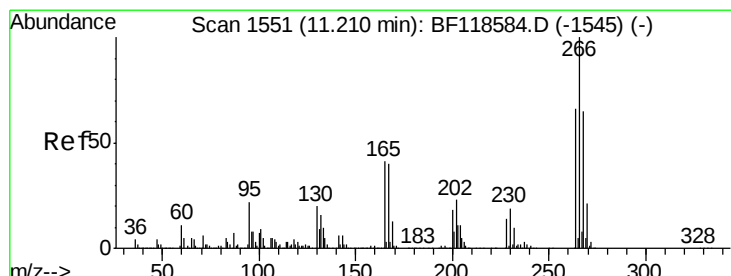
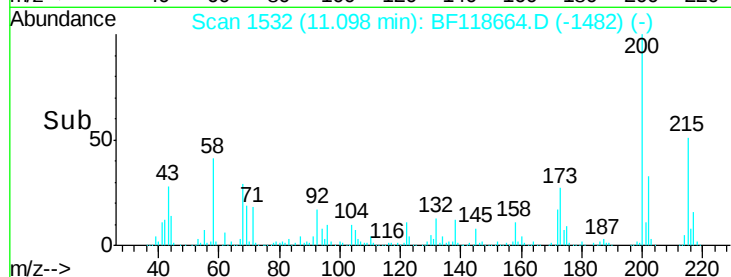
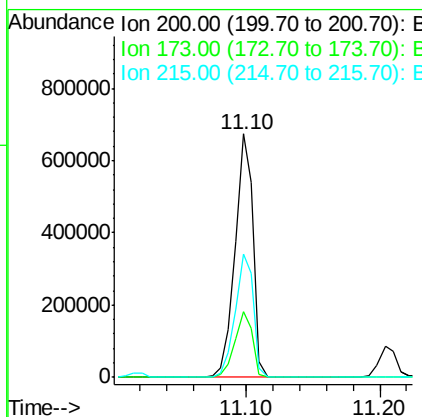
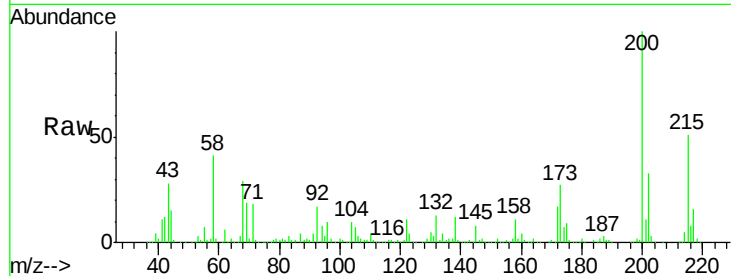




#69
Atrazine
Concen: 41.617 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

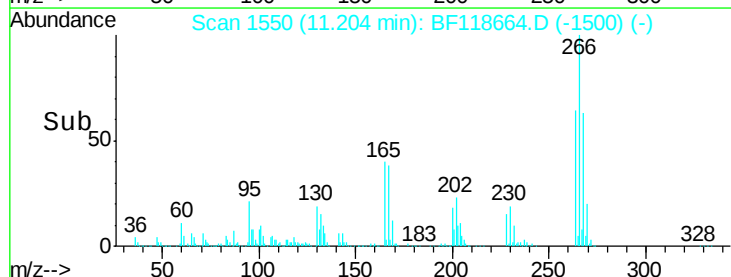
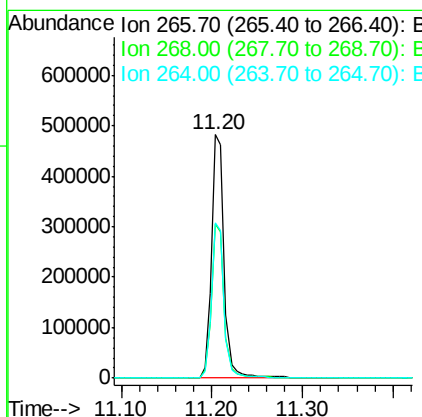
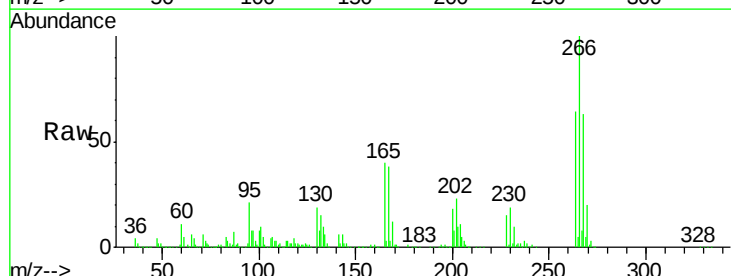
Instrument :
BNA_F
ClientSampleId :

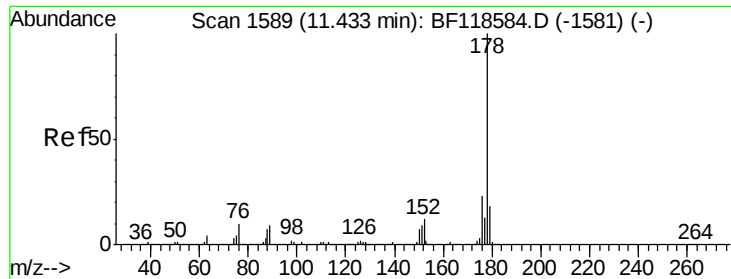
Tot Ion:200 Resp: 637508
Ion Ratio Lower Upper
200 100
173 26.9 6.3 46.3
215 50.5 30.2 70.2



#70
Pentachlorophenol
Concen: 41.885 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:266 Resp: 478017
Ion Ratio Lower Upper
266 100
268 63.2 52.1 78.1
264 63.7 52.4 78.6

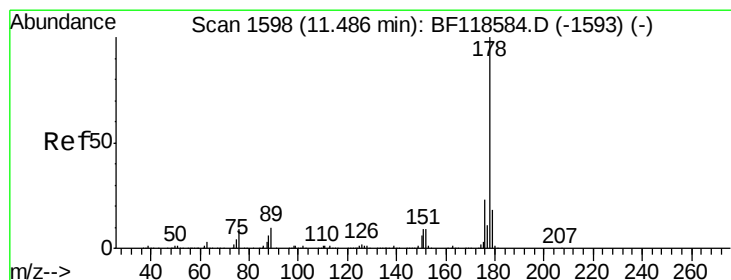
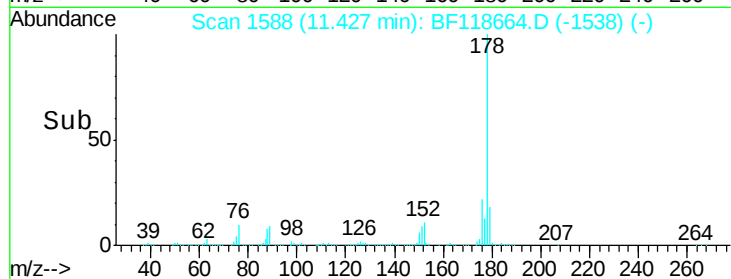
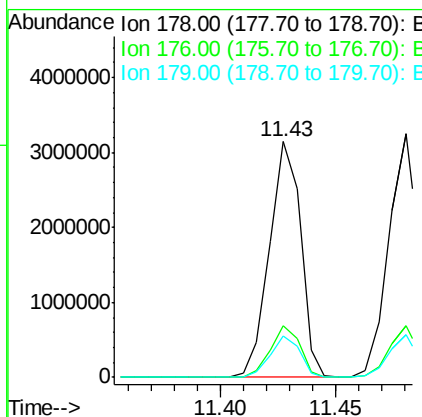
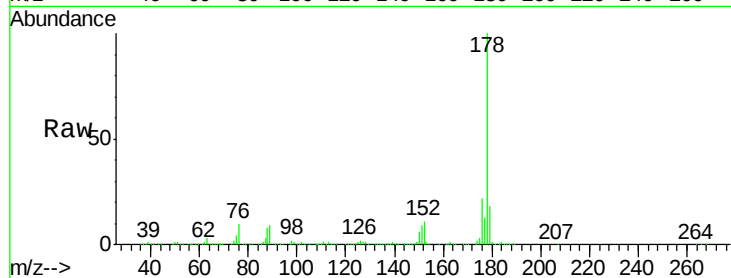




#71
Phenanthrene
Concen: 41.867 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

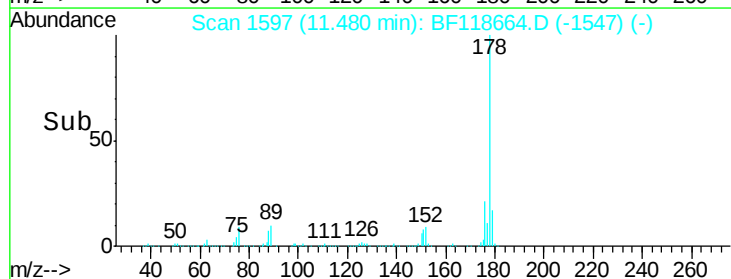
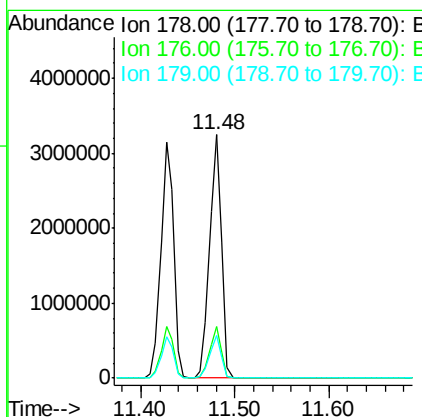
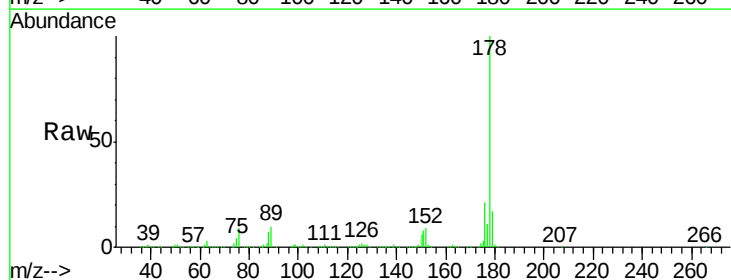
Instrument :
BNA_F
ClientSampleId :

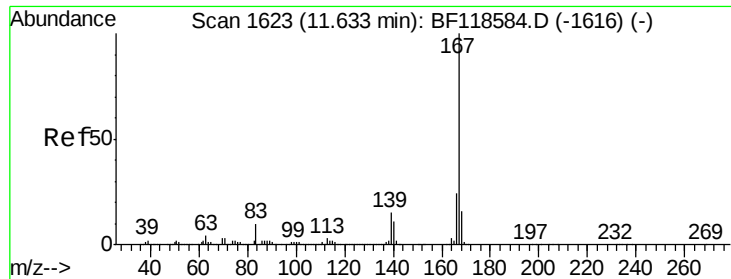
Tot Ion:178 Resp: 2960085
Ion Ratio Lower Upper
178 100
176 21.9 18.6 27.8
179 17.8 14.7 22.1



#72
Anthracene
Concen: 42.026 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:178 Resp: 2940091
Ion Ratio Lower Upper
178 100
176 21.1 18.0 27.0
179 17.4 14.7 22.1

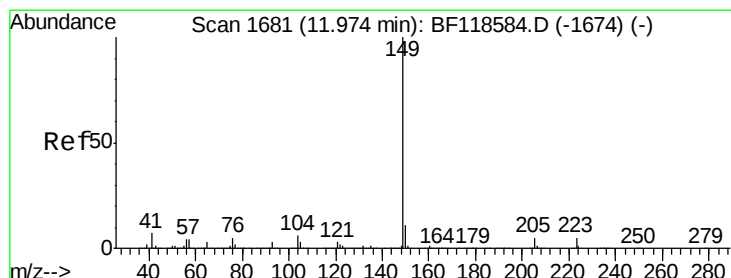
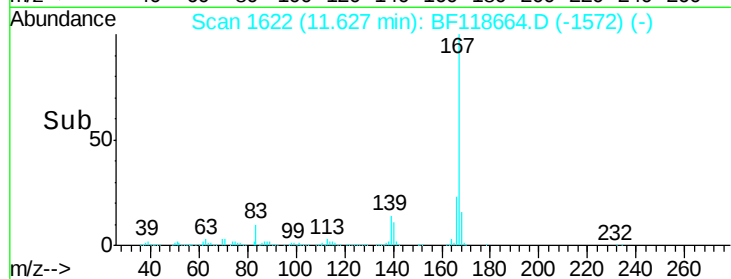
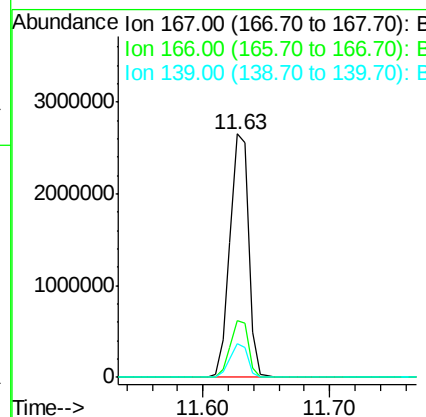
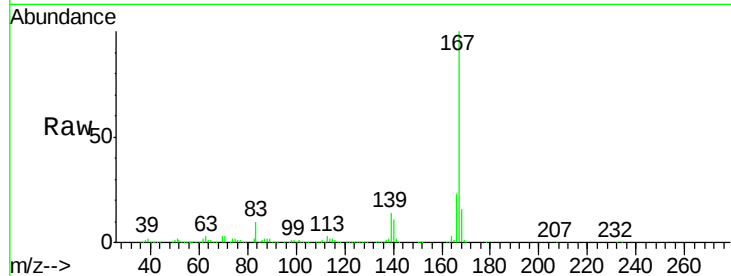




#73
 Carbazole
 Concen: 42.379 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF118664.D
 Acq: 22 Jan 2020 14:52

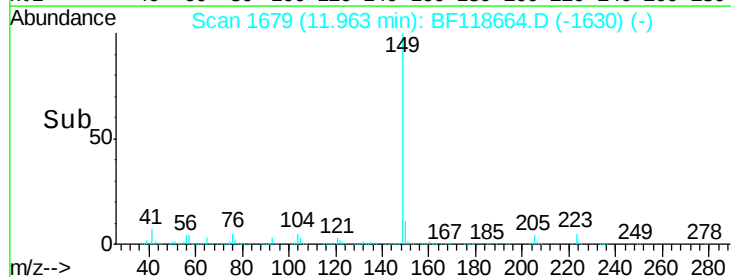
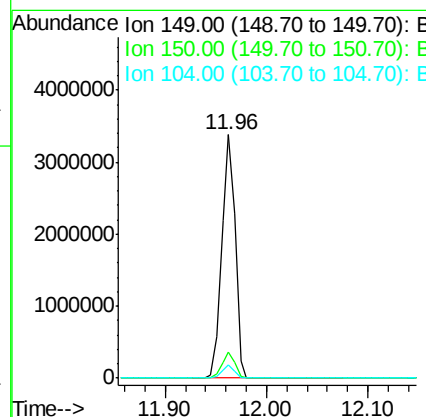
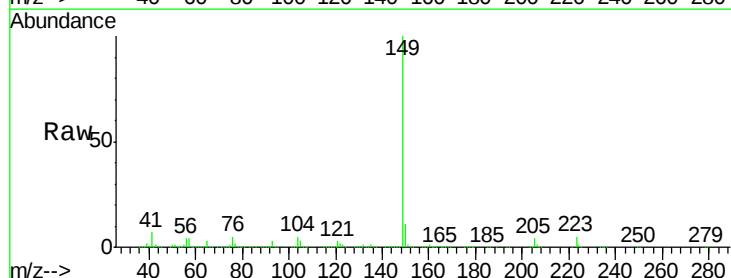
Instrument :
 BNA_F
 ClientSampleId :

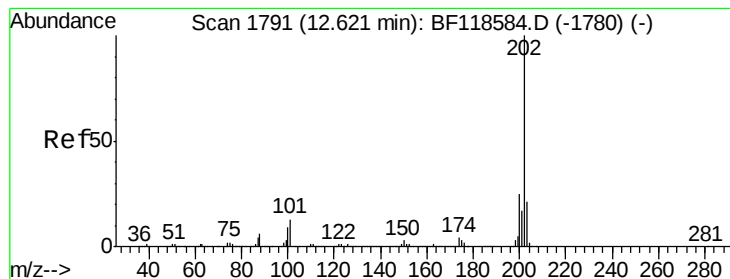
Tot Ion:167 Resp: 2719404
 Ion Ratio Lower Upper
 167 100
 166 23.2 19.4 29.2
 139 13.8 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 43.329 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118664.D
 Acq: 22 Jan 2020 14:52

Tgt Ion:149 Resp: 3089082
 Ion Ratio Lower Upper
 149 100
 150 10.9 8.7 13.1
 104 5.5 4.6 6.8





#75

Fluoranthene

Concen: 42.602 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

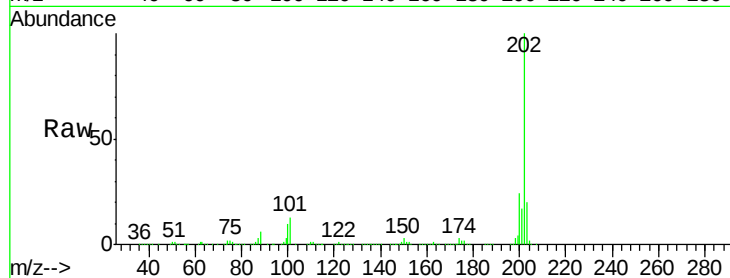
Tot Ion:202 Resp: 3176841

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.5

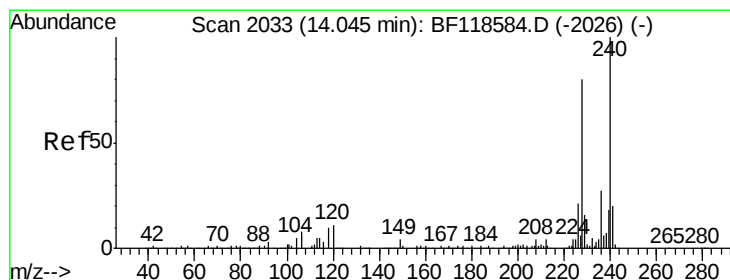
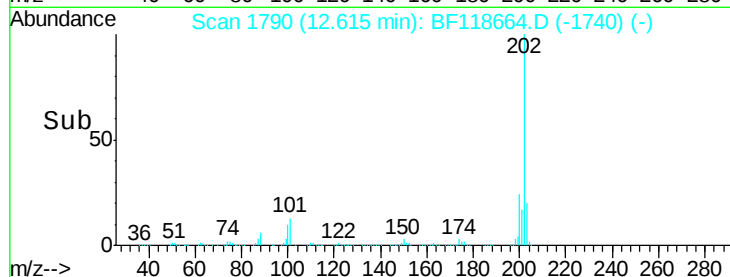
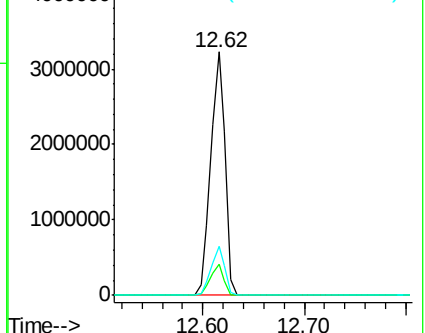
203 20.0 0.8 40.8



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

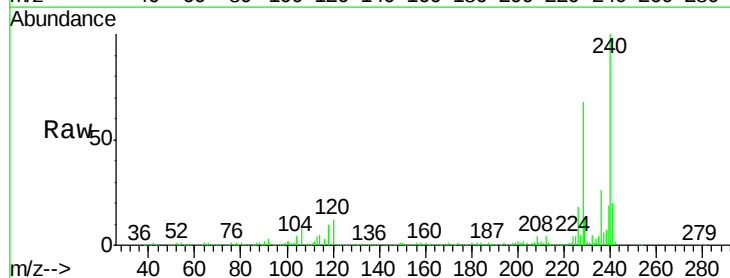
Tgt Ion:240 Resp: 1086139

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

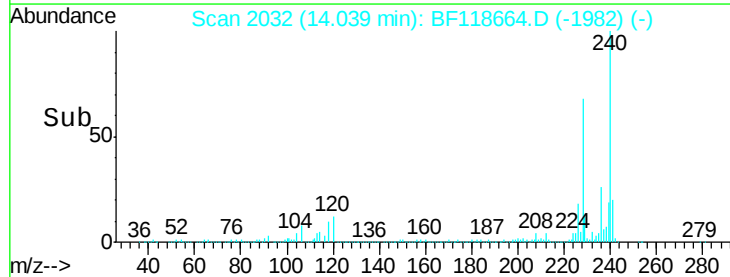
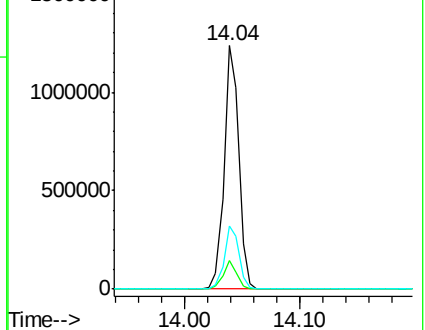
236 25.9 21.5 32.3

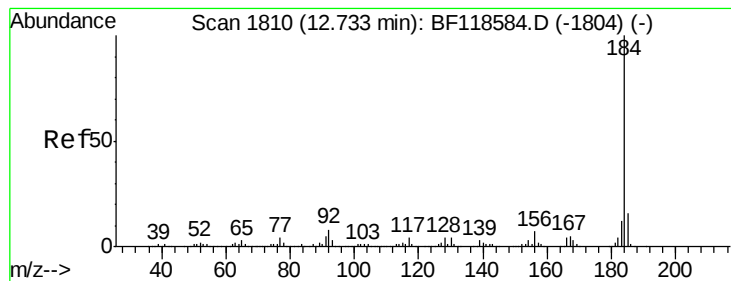


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.211 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

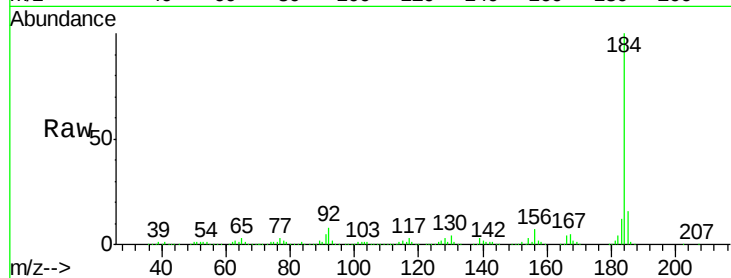
Tot Ion:184 Resp: 1399113

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.9	19.3
183	12.1	9.6	14.4

184 100

185 16.2 12.9 19.3

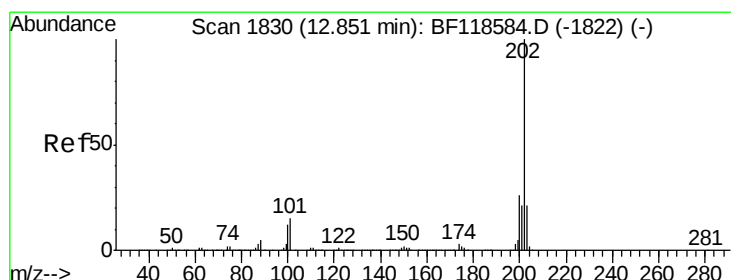
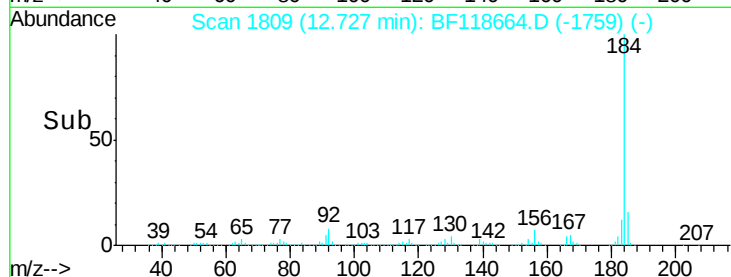
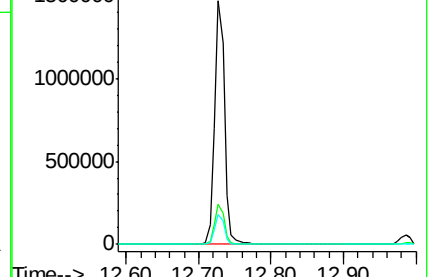
183 12.1 9.6 14.4



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: 43.694 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

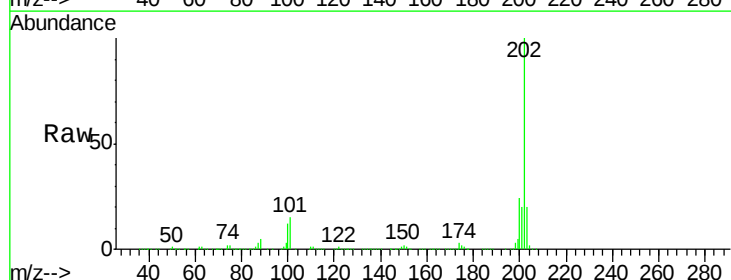
Tgt Ion:202 Resp: 3221951

Ion	Ratio	Lower	Upper
202	100		
200	24.1	20.6	31.0
203	19.6	16.8	25.2

202 100

200 24.1 20.6 31.0

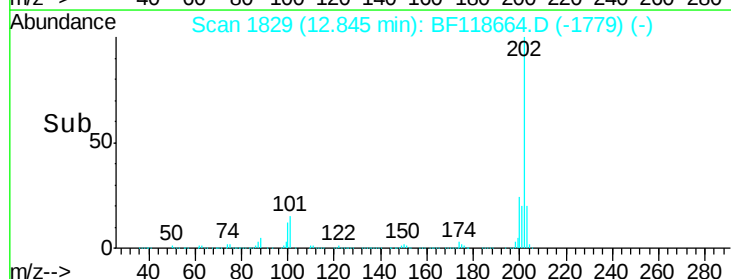
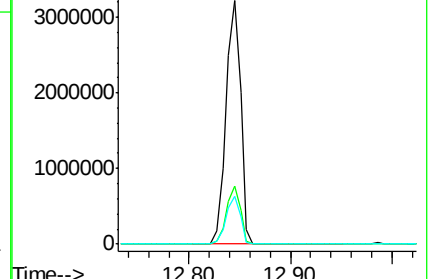
203 19.6 16.8 25.2

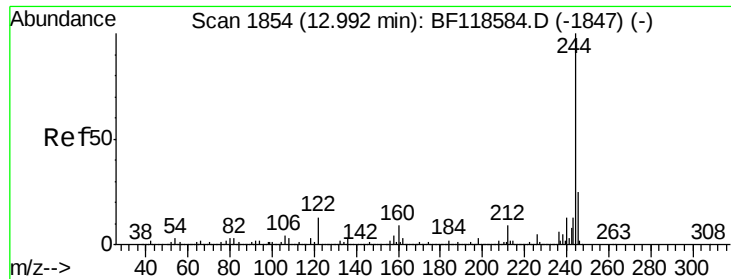


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.335 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampled :

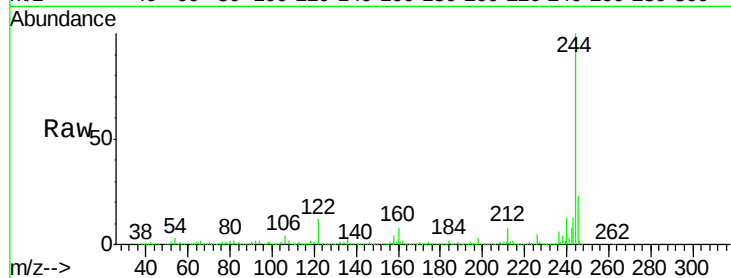
Tot Ion:244 Resp: 4249500

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

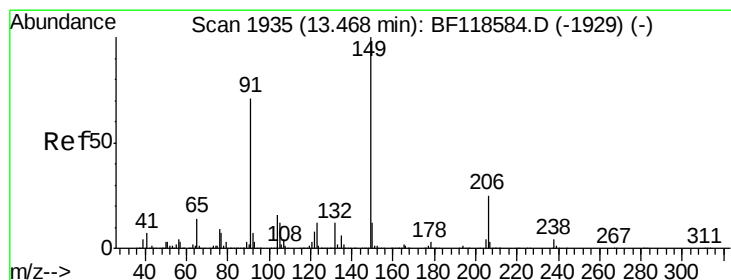
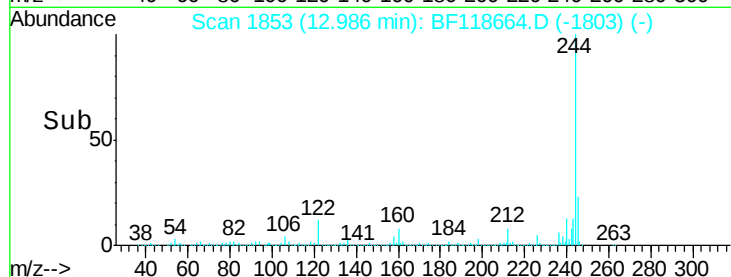
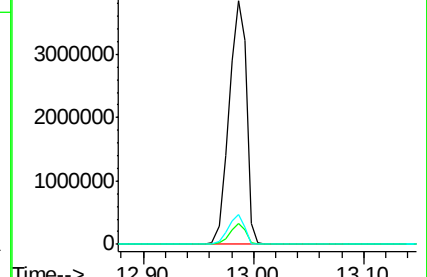
122 12.1 10.7 16.1



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: 43.671 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

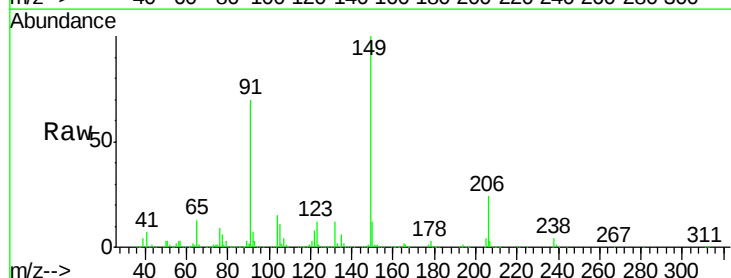
Tgt Ion:149 Resp: 1317915

Ion Ratio Lower Upper

149 100

91 70.0 56.5 84.7

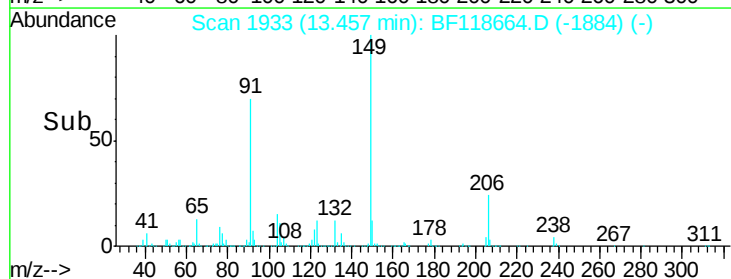
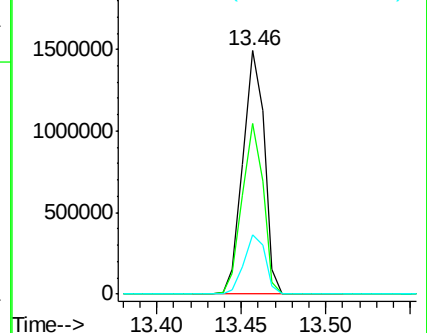
206 24.4 19.9 29.9

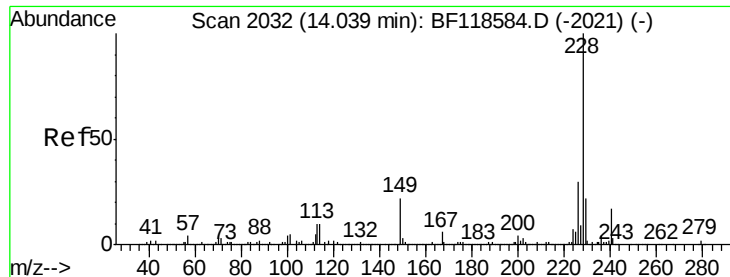


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

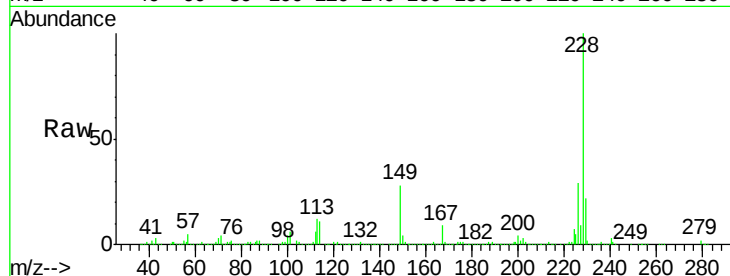




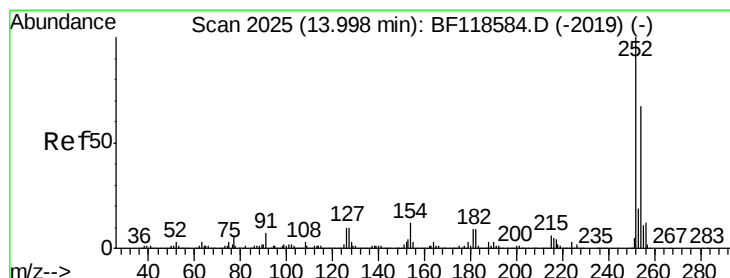
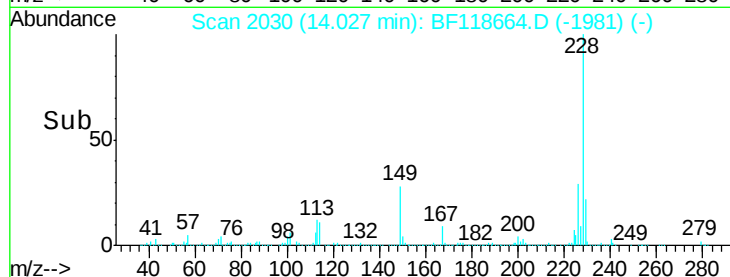
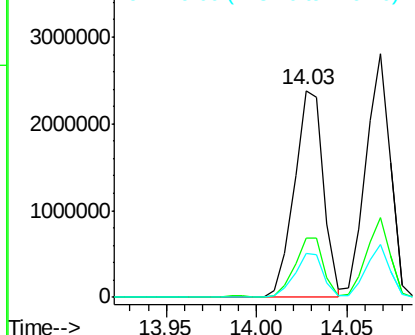
#81
Benzo(a)anthracene
Concen: 41.213 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 2692739
Ion Ratio Lower Upper
228 100
226 28.8 24.1 36.1
229 21.5 17.6 26.4

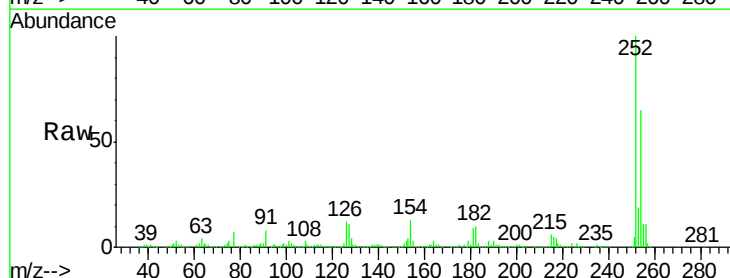


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

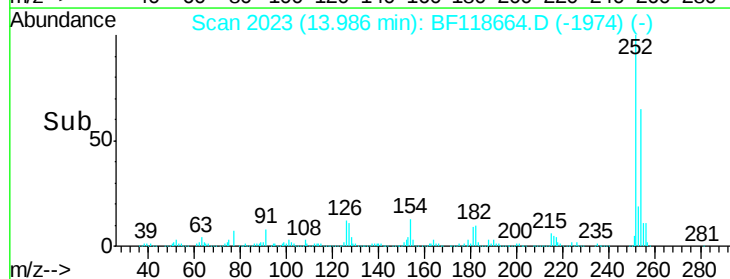
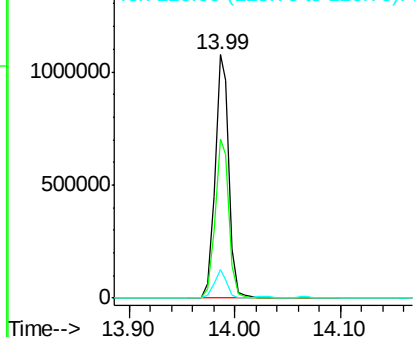


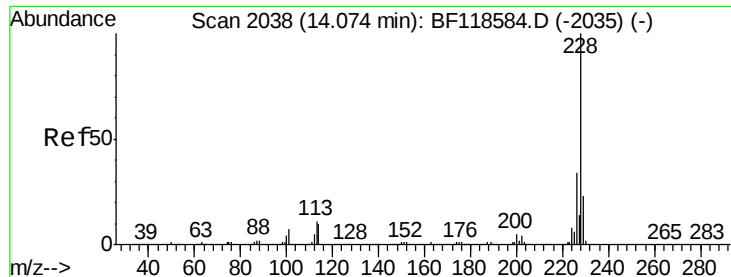
#82
3,3'-Dichlorobenzidine
Concen: 42.894 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:252 Resp: 998651
Ion Ratio Lower Upper
252 100
254 65.3 53.4 80.2
126 11.8 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 42.071 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

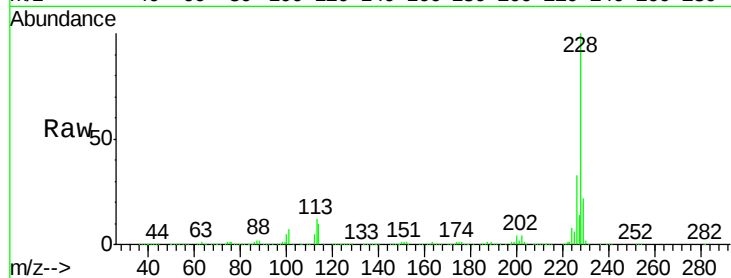
Tot Ion:228 Resp: 2634448

Ion Ratio Lower Upper

228 100

226 32.8 27.4 41.0

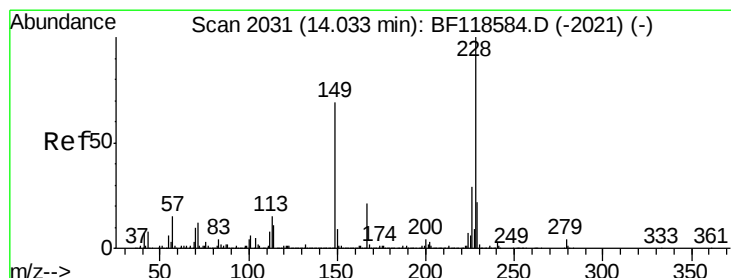
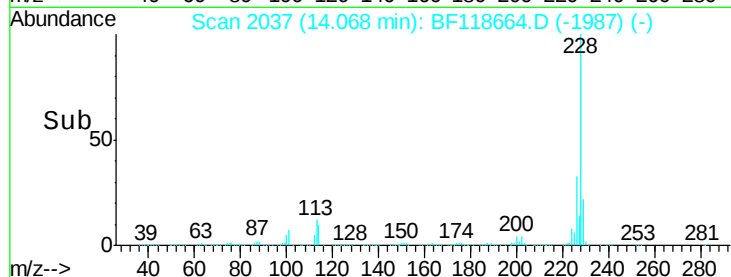
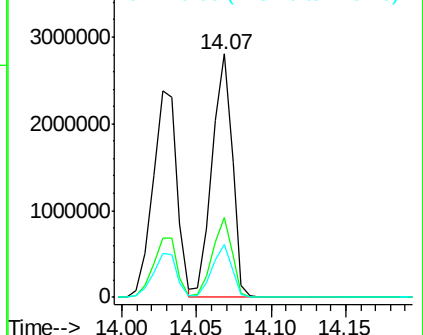
229 21.9 18.3 27.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.027 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

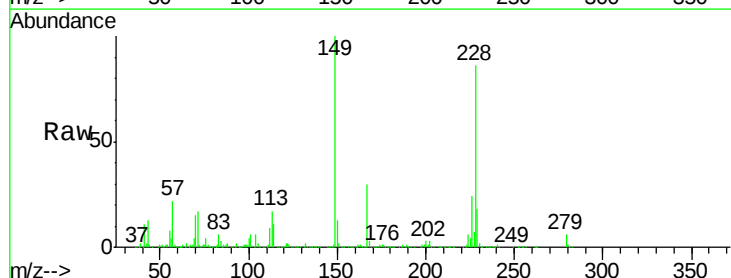
Tgt Ion:149 Resp: 1549528

Ion Ratio Lower Upper

149 100

167 30.3 24.2 36.4

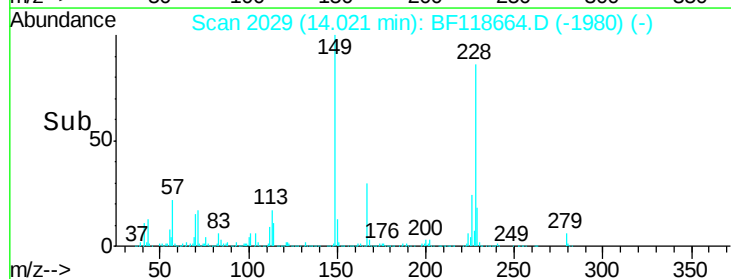
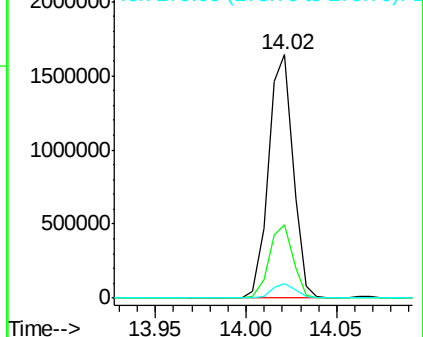
279 6.1 5.0 7.4

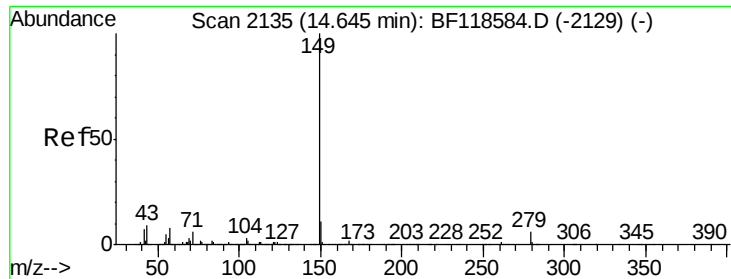


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.633 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

Instrument :

BNA_F

ClientSampleId :

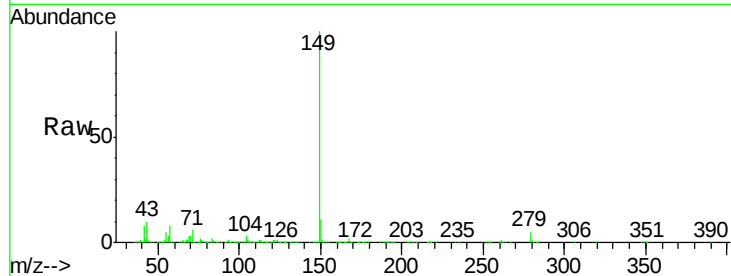
Tot Ion:149 Resp: 2326672

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

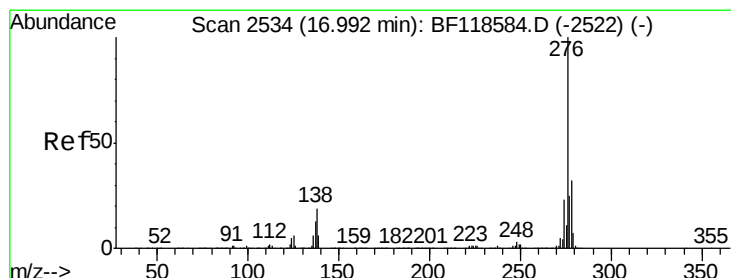
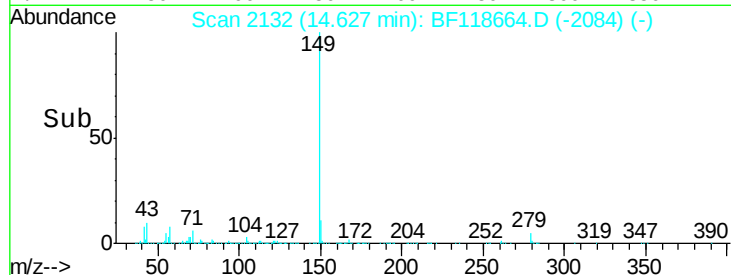
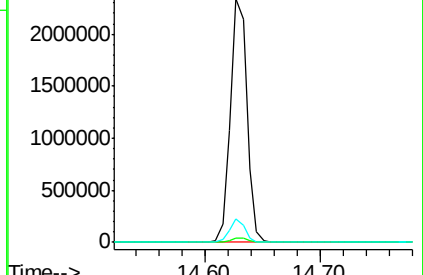
43 8.8 8.1 12.1



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: 42.007 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF118664.D

Acq: 22 Jan 2020 14:52

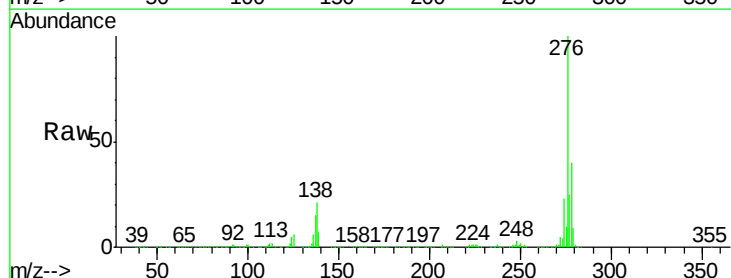
Tgt Ion:276 Resp: 2285562

Ion Ratio Lower Upper

276 100

138 22.9 17.2 25.8

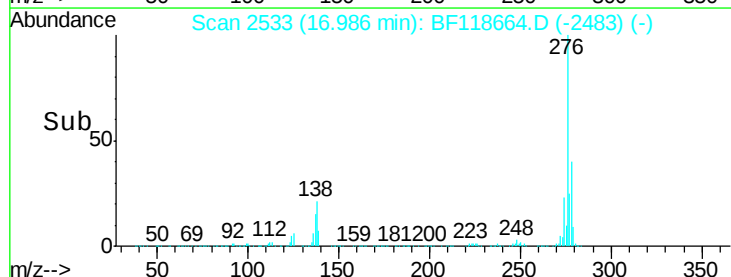
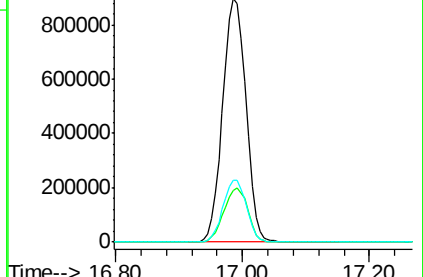
277 25.6 20.5 30.7

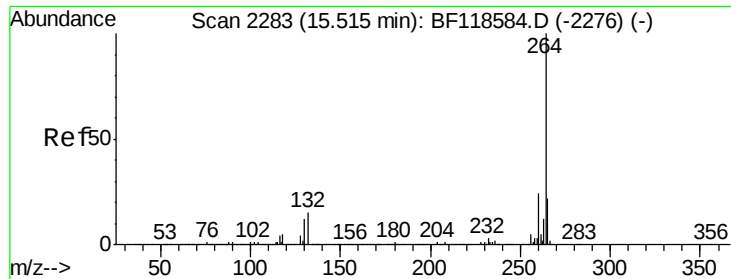


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



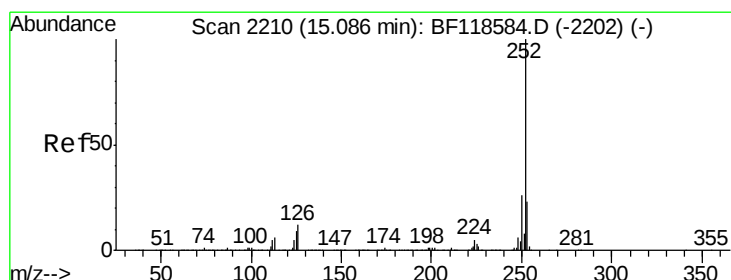
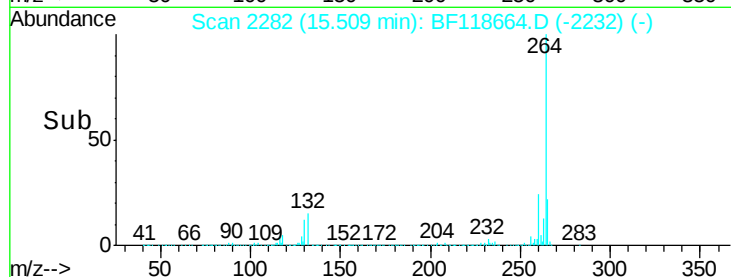
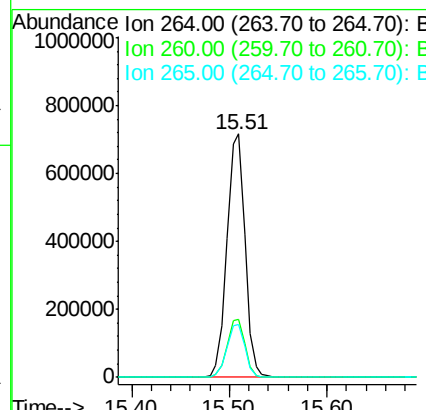
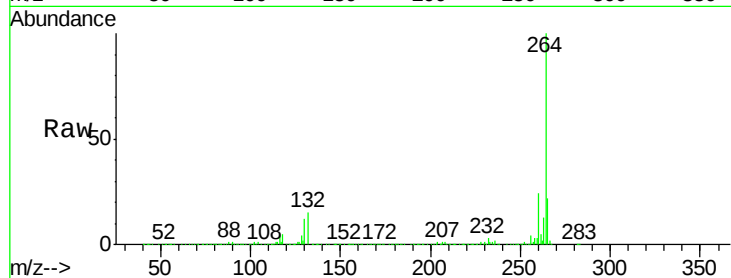


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 920712

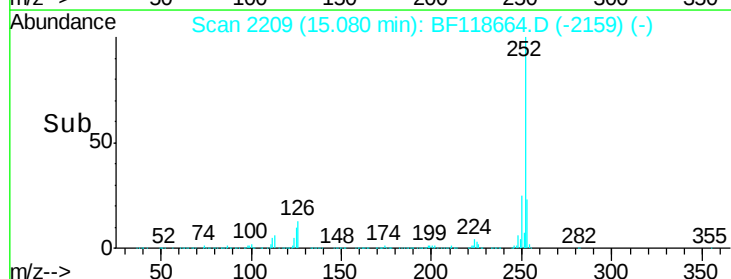
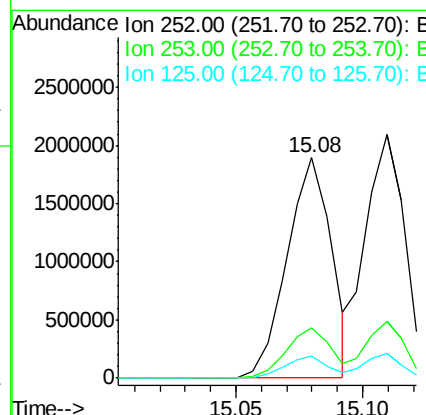
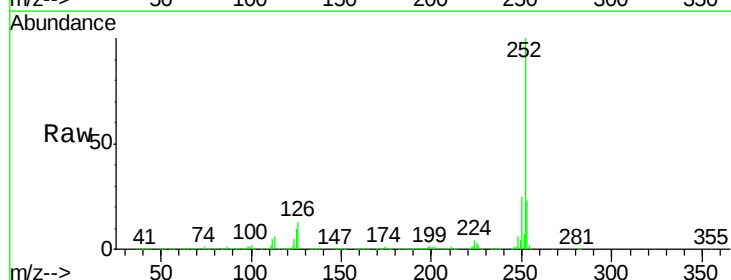
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.8	17.7	26.5

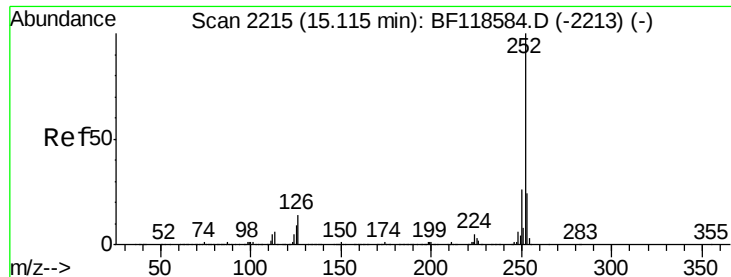


#88
Benzo(b)fluoranthene
Concen: 39.924 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:252 Resp: 2310515

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	9.8	7.3	10.9

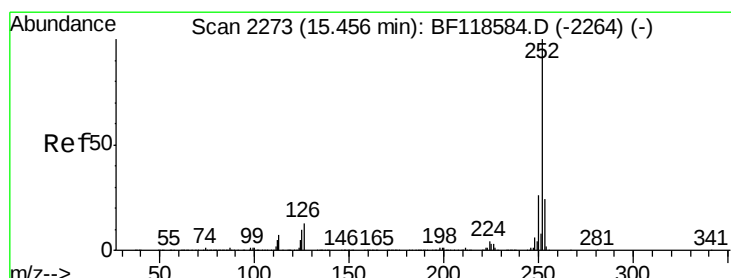
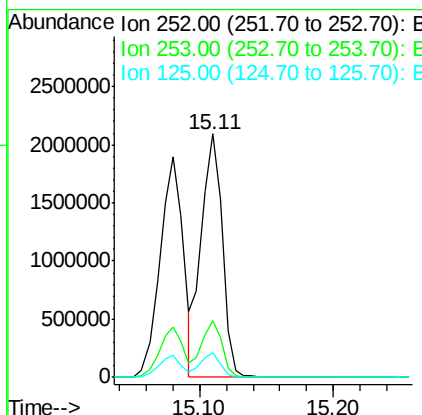
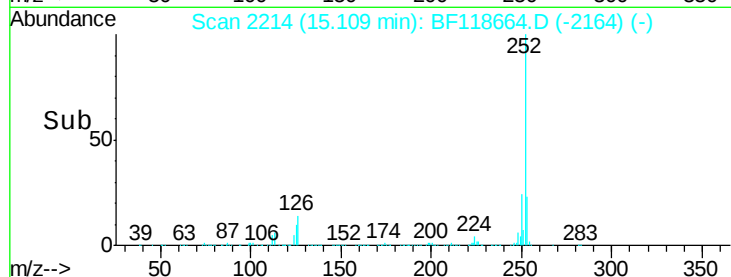
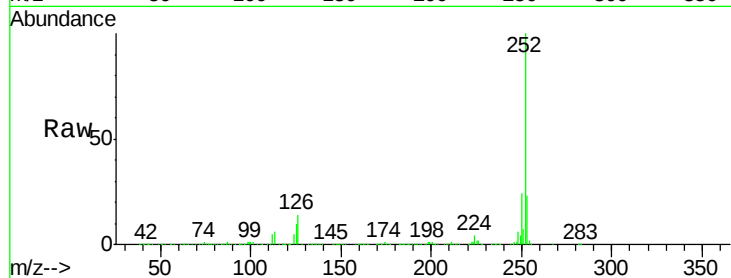




#89
Benzo(k)fluoranthene
Concen: 42.591 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

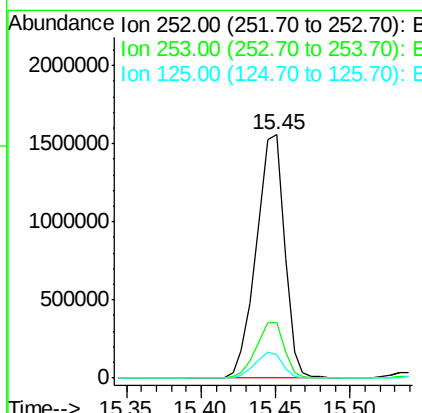
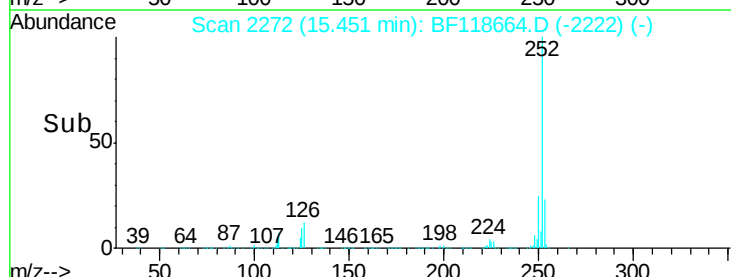
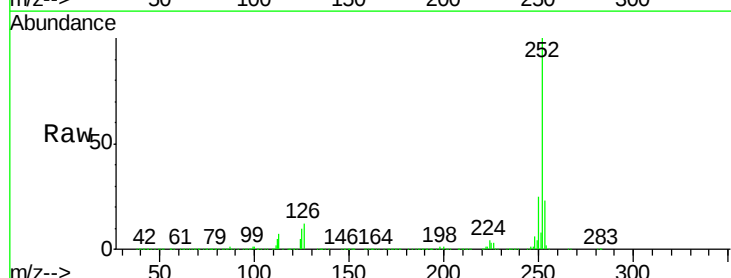
Instrument :
BNA_F
ClientSampleId :

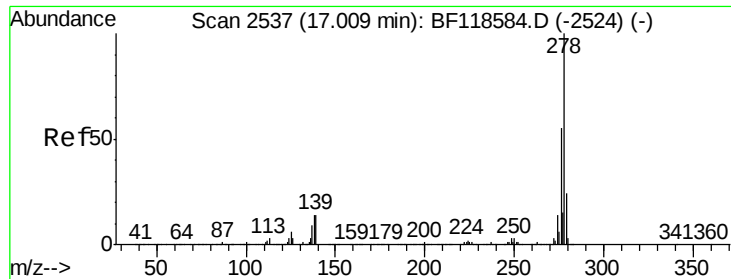
Tot Ion:252 Resp: 2283628
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.4
125 10.0 7.6 11.4



#90
Benzo(a)pyrene
Concen: 40.772 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:252 Resp: 2035461
Ion Ratio Lower Upper
252 100
253 22.7 18.8 28.2
125 9.9 7.8 11.6



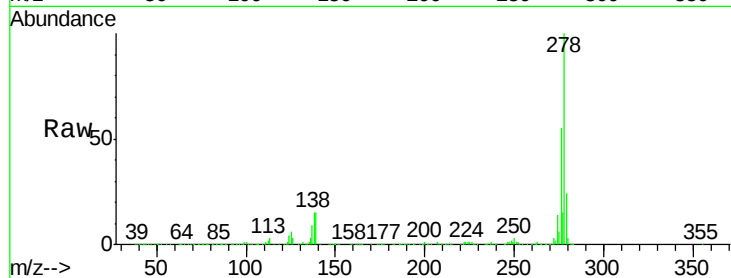


#91
Dibenzo(a,h)anthracene
Concen: 42.280 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

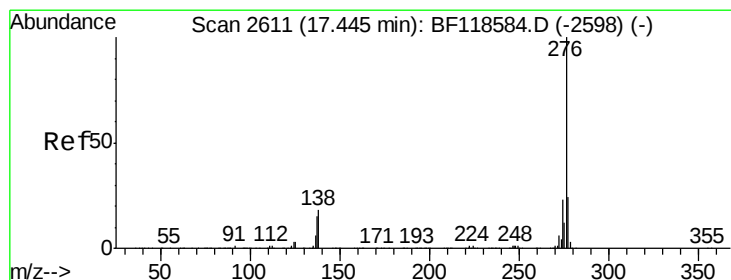
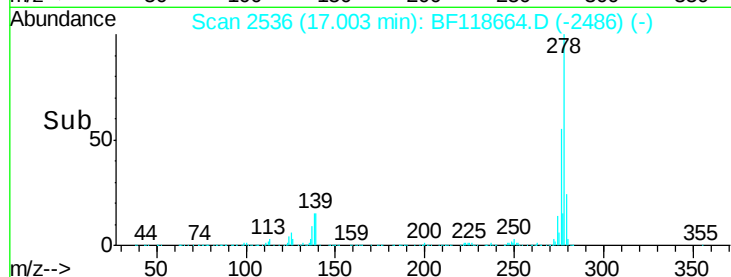
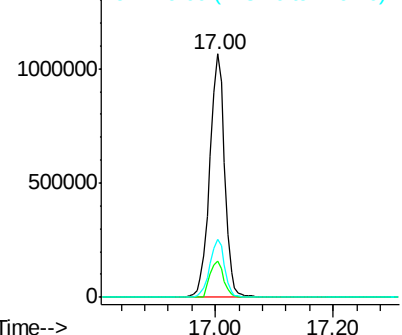
Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1867086

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.4	17.0
279	23.9	19.0	28.6



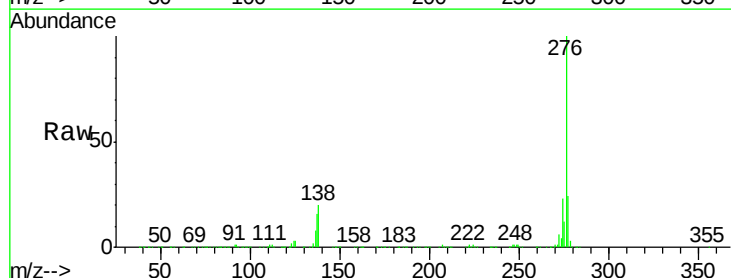
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.734 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF118664.D
Acq: 22 Jan 2020 14:52

Tgt Ion:276 Resp: 1875192

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	20.2	14.4	21.6



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

