

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118553.D
 Acq On : 17 Jan 2020 11:07
 Operator : JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 12:17:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 12:09:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	418046	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1582014	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	920619	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1669039	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1292104	20.00	ng	0.00
87) Perylene-d12	15.52	264	1132971	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1021183	41.82	ng	0.00
7) Phenol-d6	6.50	99	1330876	45.30	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1007466	39.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	436091	39.05	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2580193	45.21	ng	0.00
79) Terphenyl-d14	12.99	244	3054171	39.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	232462	23.401	ng	99
3) Pyridine	3.45	79	641693	24.477	ng	99
4) n-Nitrosodimethylamine	3.37	42	293875	32.303	ng	99
6) Aniline	6.55	93	870647	23.486	ng	99
8) 2-Chlorophenol	6.67	128	570847	20.854	ng	98
9) Benzaldehyde	6.43	77	418227	30.565	ng	99
10) Phenol	6.52	94	706241	21.378	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	581184	23.399	ng	95
12) 1,3-Dichlorobenzene	6.83	146	684761	21.583	ng	98
13) 1,4-Dichlorobenzene	6.90	146	699532	22.004	ng	97
14) 1,2-Dichlorobenzene	7.06	146	665529	22.596	ng	98
15) Benzyl Alcohol	7.02	79	548095	26.173	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	862975	33.554	ng	99
17) 2-Methylphenol	7.13	107	475261	22.250	ng	99
18) Hexachloroethane	7.41	117	245516	21.764	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	475780	27.993	ng	98
20) 3+4-Methylphenols	7.29	107	613405	22.059	ng	94
22) Acetophenone	7.29	105	869100	23.680	ng	# 97
24) Nitrobenzene	7.46	77	551381	21.472	ng	94
25) Isophorone	7.70	82	1195153	25.673	ng	96
26) 2-Nitrophenol	7.79	139	175753	11.665	ng	94
27) 2,4-Dimethylphenol	7.82	122	461837	22.963	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	780348	24.316	ng	97
29) 2,4-Dichlorophenol	8.02	162	506579	21.653	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	613895	23.053	ng	98
31) Naphthalene	8.19	128	1741605	21.944	ng	97
32) Benzoic acid	7.91	122	210625	14.503	ng	96
33) 4-Chloroaniline	8.23	127	765155	22.658	ng	98
34) Hexachlorobutadiene	8.32	225	383333	24.502	ng	98
35) Caprolactam	8.59	113	159757	22.158	ng	94
36) 4-Chloro-3-methylphenol	8.71	107	513723	21.275	ng	98
37) 2-Methylnaphthalene	8.89	142	1214836	22.898	ng	99
38) 1-Methylnaphthalene	8.99	142	1146750	22.795	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	656611	23.259	ng	99

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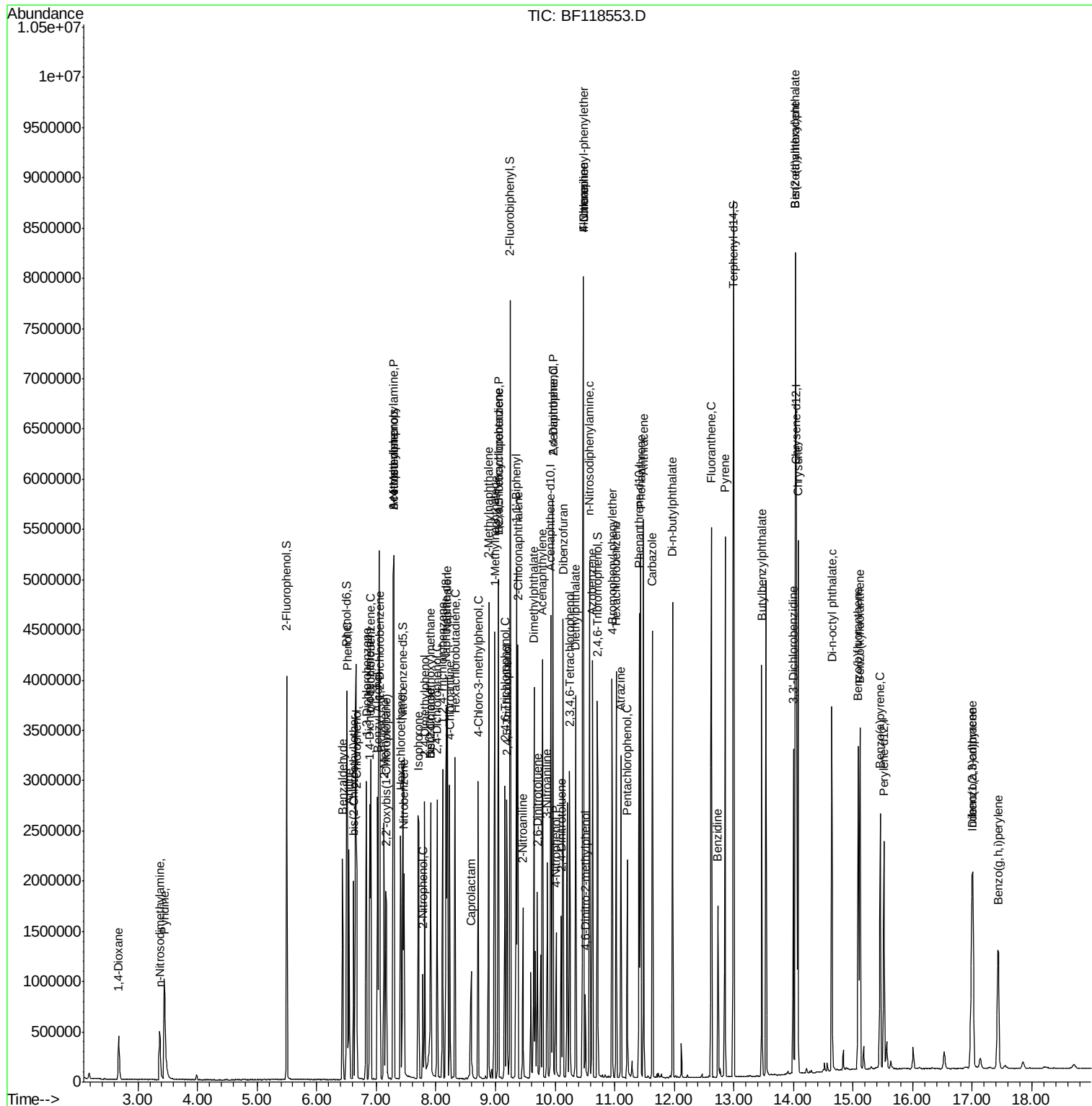
Instrument :
 BNA_F
 ClientSampleId :

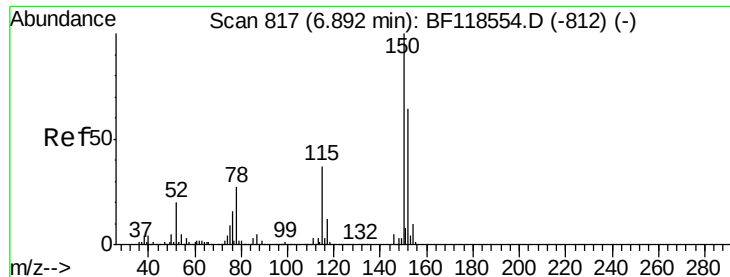
Quant Time: Jan 17 12:17:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 12:09:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	317345	74.380	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	387955	21.222	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	397887	21.794	ng	98
46) 1,1'-Biphenyl	9.35	154	1534167	21.031	ng	95
47) 2-Chloronaphthalene	9.37	162	1242757	21.219	ng	98
48) 2-Nitroaniline	9.46	65	259085	16.471	ng	93
49) Acenaphthylene	9.79	152	1809356	21.201	ng	96
50) Dimethylphthalate	9.65	163	1402287	20.637	ng	98
51) 2,6-Dinitrotoluene	9.70	165	218125	14.599	ng	99
52) Acenaphthene	9.96	154	1148321	21.870	ng	99
53) 3-Nitroaniline	9.87	138	257332	14.891	ng	# 97
54) 2,4-Dinitrophenol	9.97	184	54766	9.815	ng	# 1
55) Dibenzofuran	10.13	168	1669933	21.918	ng	99
56) 4-Nitrophenol	10.02	139	186756	23.577	ng	94
57) 2,4-Dinitrotoluene	10.10	165	250840	13.135	ng	98
58) Fluorene	10.47	166	1353062	21.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	341446	22.871	ng	97
60) Diethylphthalate	10.35	149	1409062	20.811	ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	726742	23.340	ng	97
62) 4-Nitroaniline	10.48	138	263083	15.417	ng	98
63) Azobenzene	10.63	77	1386686	24.727	ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	83722	9.506	ng	83
66) n-Nitrosodiphenylamine	10.58	169	1191008	21.734	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	477173	23.716	ng	95
68) Hexachlorobenzene	11.03	284	531079	22.262	ng	94
69) Atrazine	11.10	200	361416	27.503	ng	98
70) Pentachlorophenol	11.21	266	245246	37.250	ng	98
71) Phenanthrene	11.43	178	1971680	21.945	ng	95
72) Anthracene	11.49	178	1957893	21.864	ng	96
73) Carbazole	11.63	167	1745558	21.819	ng	97
74) Di-n-butylphthalate	11.97	149	2161131	20.886	ng	98
75) Fluoranthene	12.62	202	2070049	23.064	ng	97
77) Benzidine	12.73	184	647358	22.447	ng	99
78) Pyrene	12.85	202	2095557	19.193	ng	95
80) Butylbenzylphthalate	13.47	149	835986	17.105	ng	95
81) Benzo(a)anthracene	14.04	228	1835049	20.489	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	665003	21.868	ng	99
83) Chrysene	14.07	228	1740141	20.271	ng	96
84) Bis(2-ethylhexyl)phthalate	14.03	149	1113796	17.058	ng	98
85) Di-n-octyl phthalate	14.64	149	1678877	17.184	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1328312	16.466	ng	100
88) Benzo(b)fluoranthene	15.09	252	1632694	22.486	ng	98
89) Benzo(k)fluoranthene	15.12	252	1429704	21.737	ng	99
90) Benzo(a)pyrene	15.46	252	1355283	20.946	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	1105519	18.817	ng	99
92) Benzo(g,h,i)perylene	17.44	276	1016775	17.789	ng	99

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

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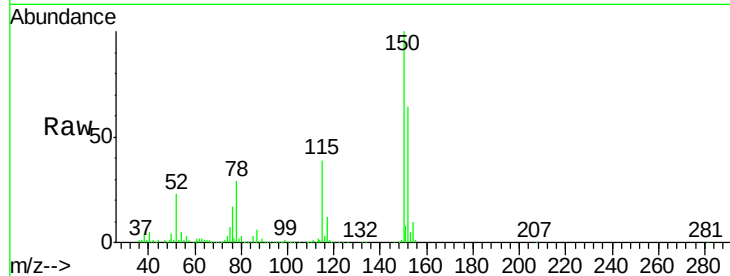


#1

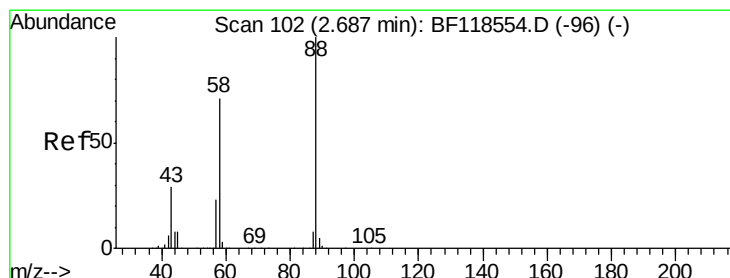
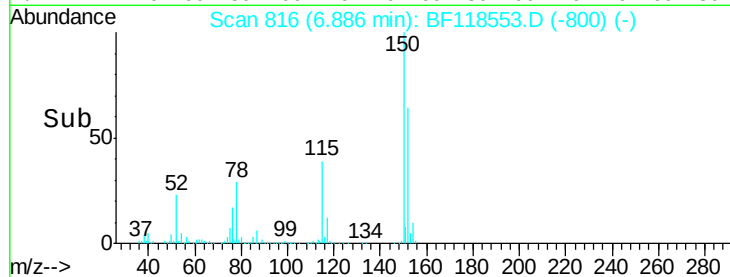
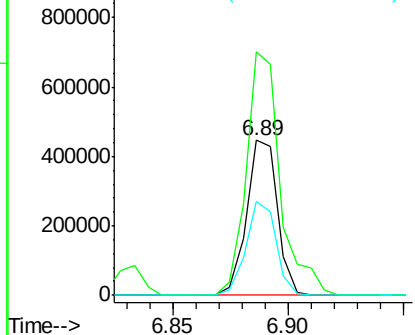
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 418046
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 60.8 45.8 68.6



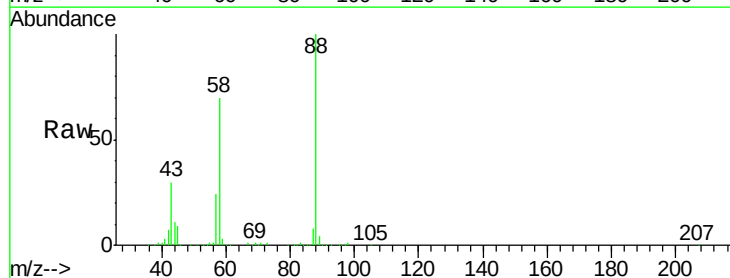
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



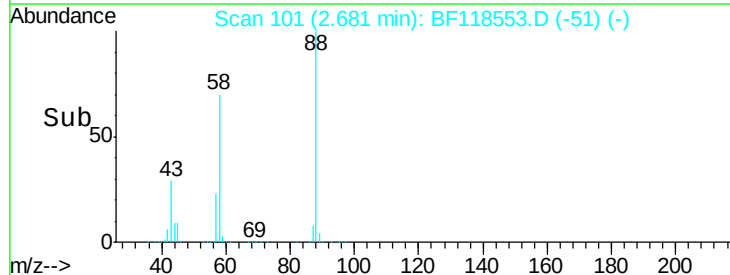
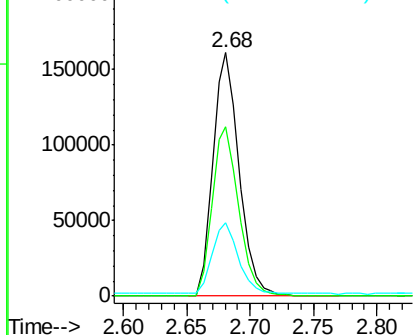
#2

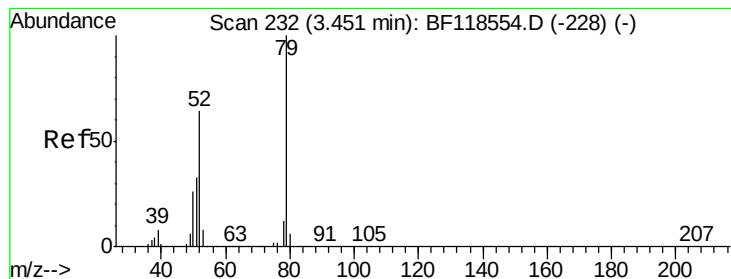
1,4-Dioxane
Concen: 23.401 ng
RT: 2.68 min Scan# 101
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion: 88 Resp: 232462
Ion Ratio Lower Upper
88 100
58 70.4 56.7 85.1
43 29.2 23.3 34.9



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





#3

Pvridine

Concen: 24.477 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

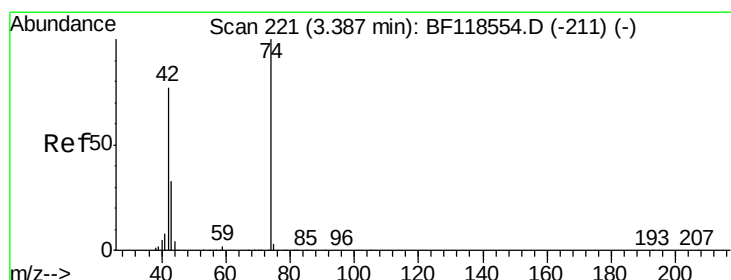
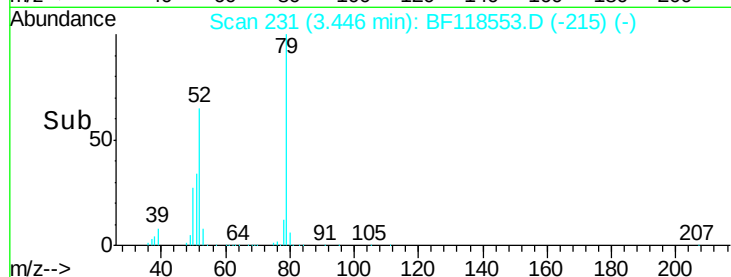
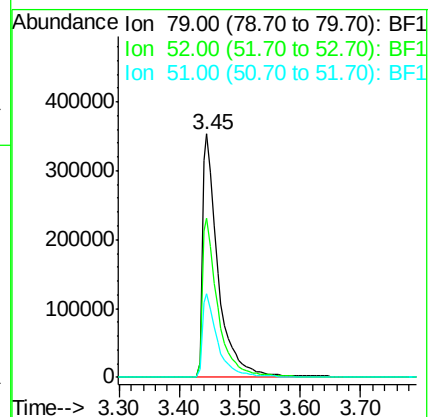
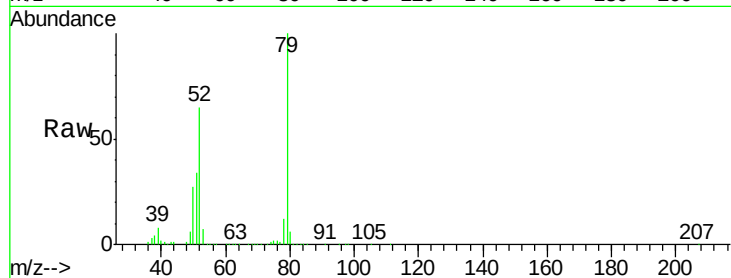
Tot Ion: 79 Resp: 641693

Ion Ratio Lower Upper

79 100

52 65.1 51.3 76.9

51 34.3 26.7 40.1



#4

n-Nitrosodimethylamine

Concen: 32.303 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

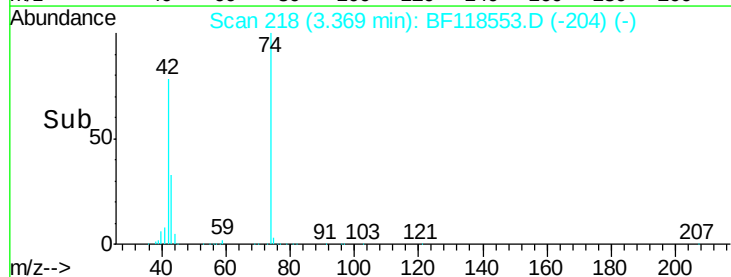
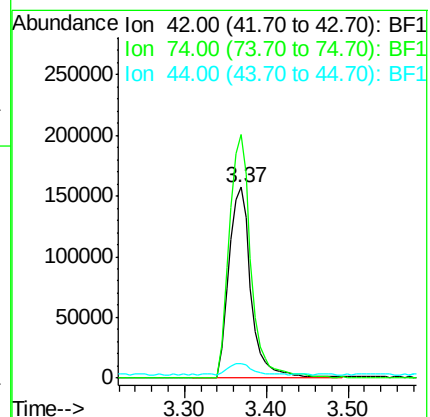
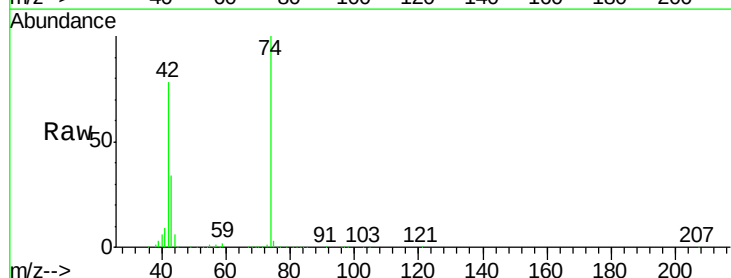
Tgt Ion: 42 Resp: 293875

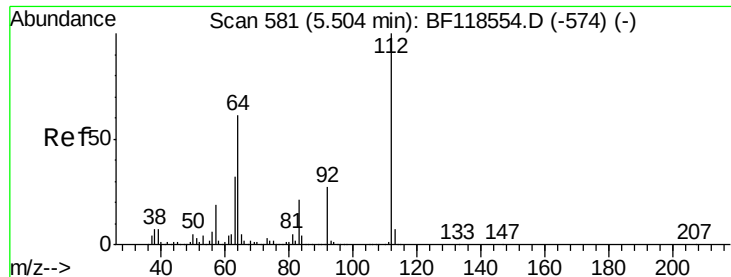
Ion Ratio Lower Upper

42 100

74 127.8 103.1 154.7

44 7.8 5.4 8.2





#5

2-Fluorophenol

Concen: 41.816 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

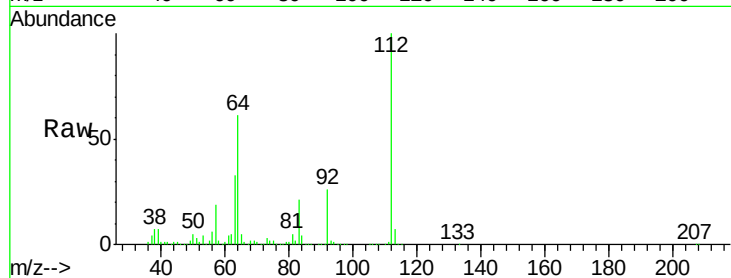
Tot Ion:112 Resp: 1021183

Ion Ratio Lower Upper

112 100

64 61.0 49.1 73.7

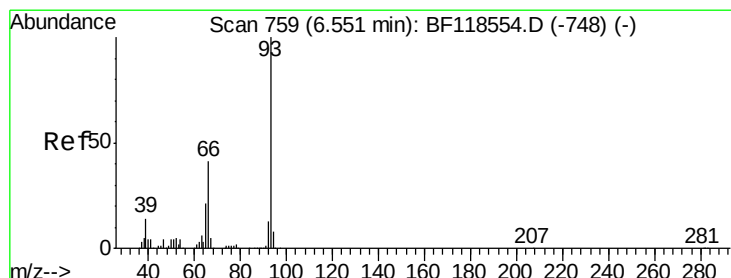
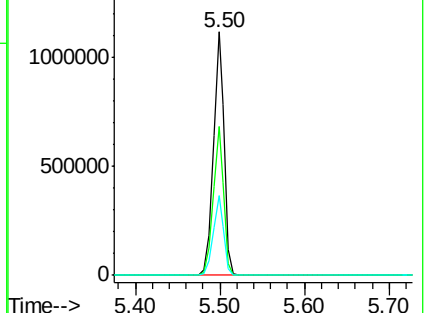
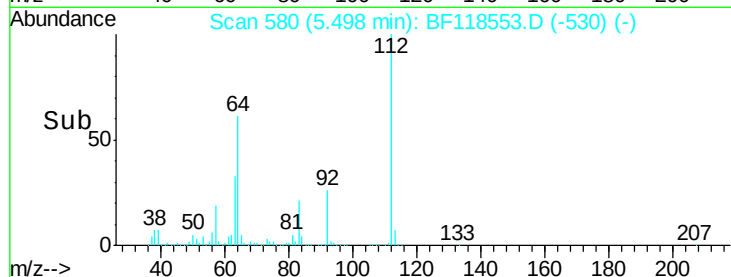
63 32.7 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.486 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

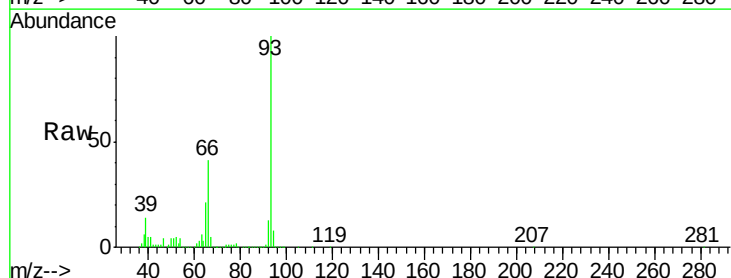
Tgt Ion: 93 Resp: 870647

Ion Ratio Lower Upper

93 100

66 40.7 32.9 49.3

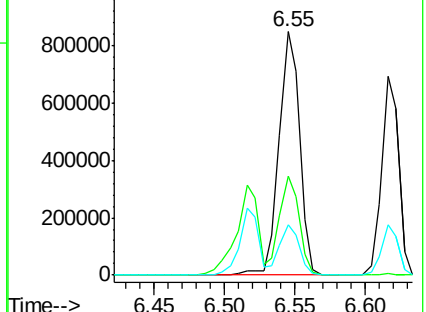
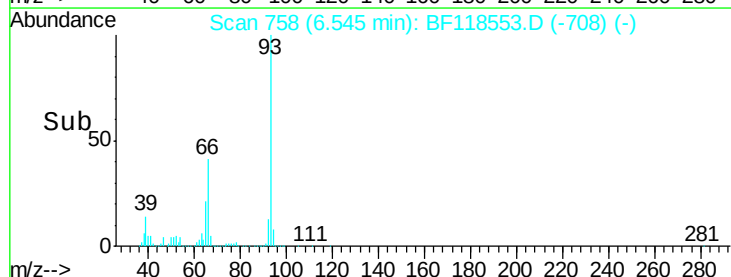
65 20.8 16.5 24.7

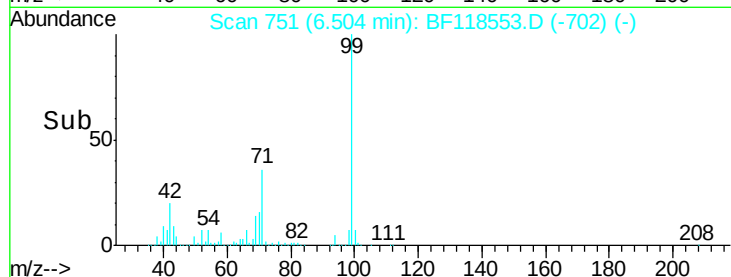
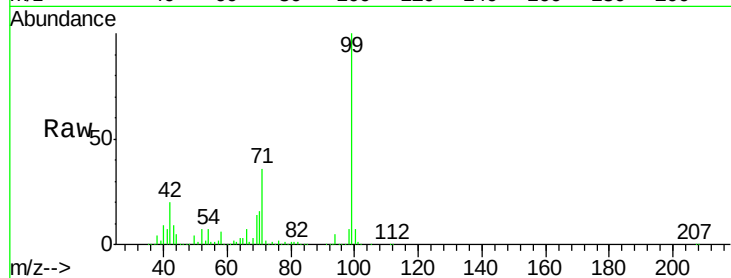
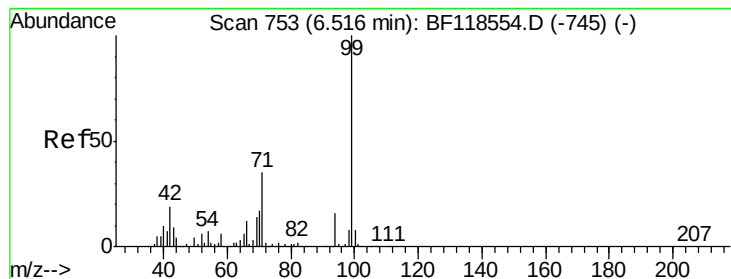


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 45.297 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

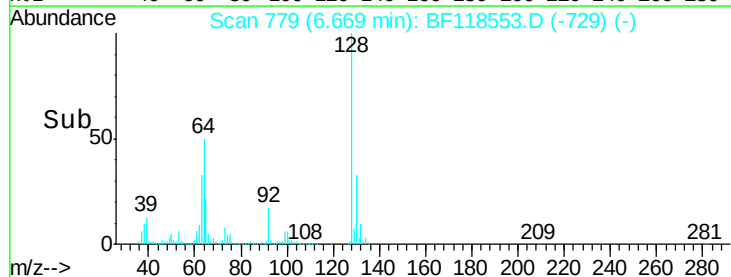
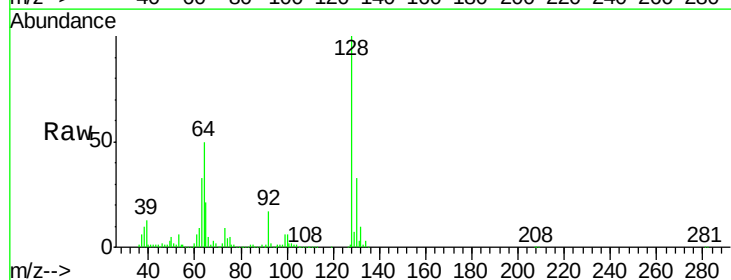
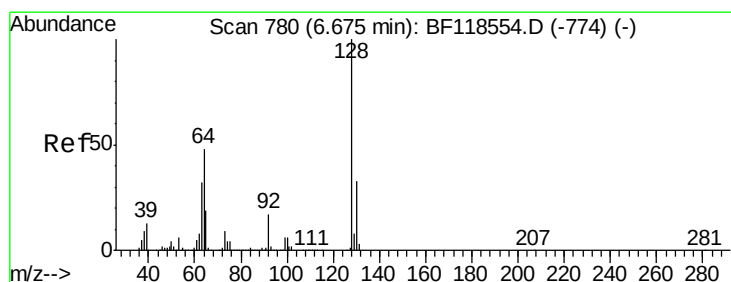
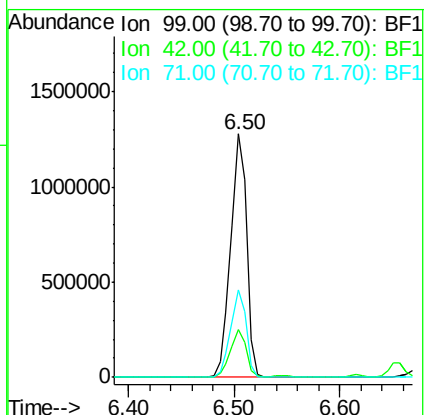
Tot Ion: 99 Resp: 1330876

Ion Ratio Lower Upper

99 100

42 19.6 14.9 22.3

71 36.1 28.3 42.5



#8

2-Chlorophenol

Concen: 20.854 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

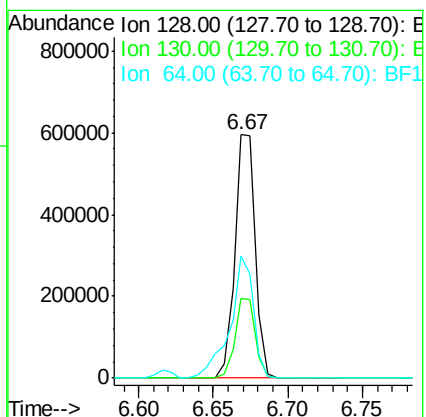
Tgt Ion: 128 Resp: 570847

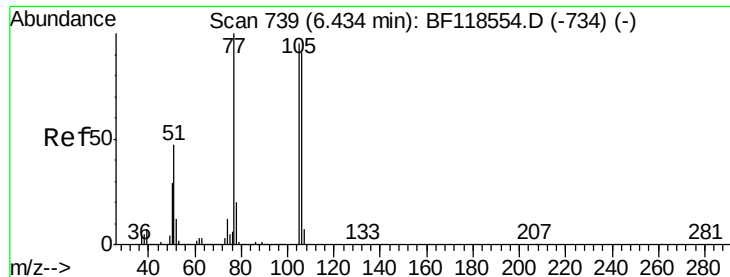
Ion Ratio Lower Upper

128 100

130 32.8 13.2 53.2

64 50.4 28.9 68.9





#9

Benzaldehyde

Concen: 30.565 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

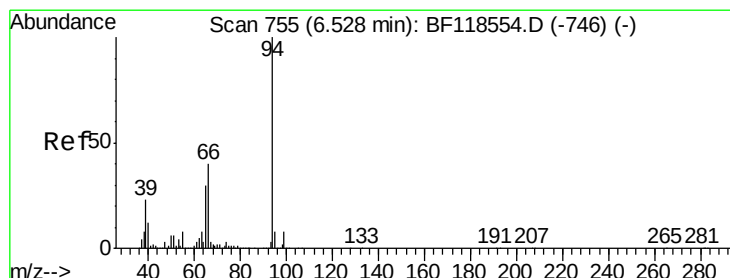
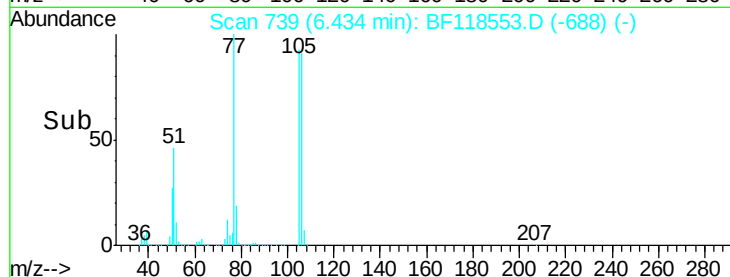
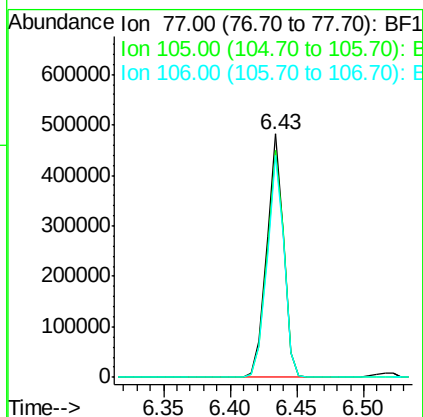
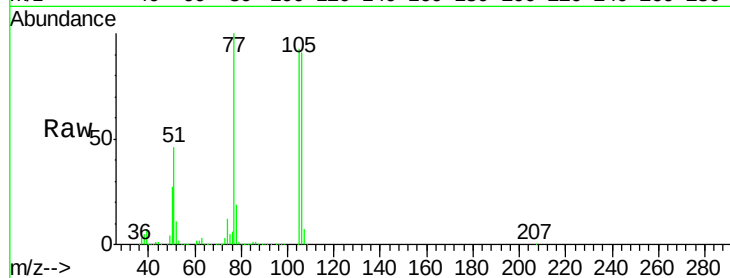
Tot Ion: 77 Resp: 418227

Ion Ratio Lower Upper

77 100

105 93.4 75.2 115.2

106 91.1 71.4 111.4



#10

Phenol

Concen: 21.378 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

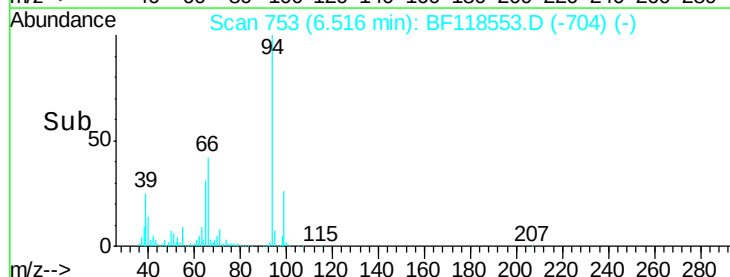
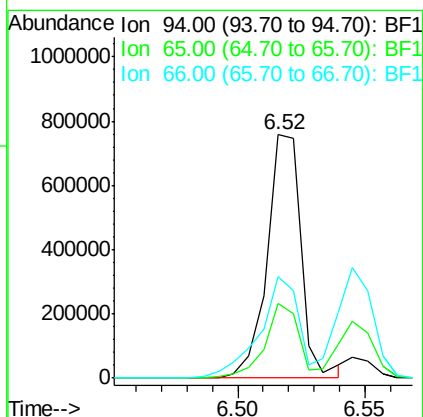
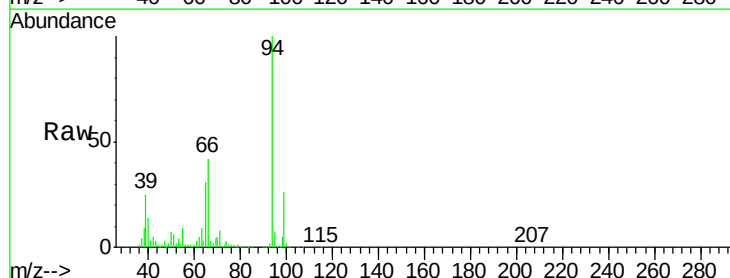
Tgt Ion: 94 Resp: 706241

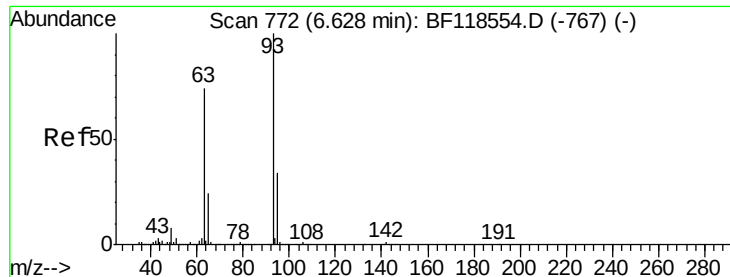
Ion Ratio Lower Upper

94 100

65 30.7 9.8 49.8

66 41.6 19.5 59.5

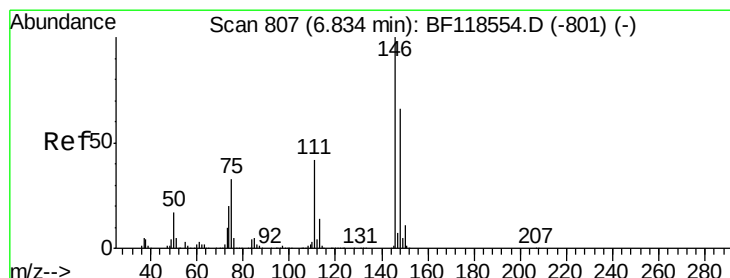
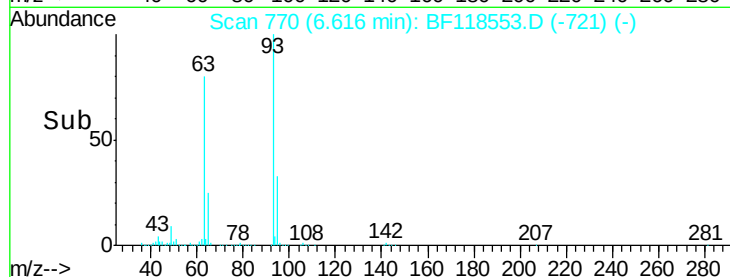
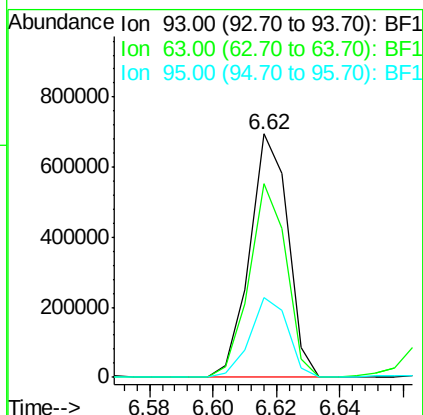
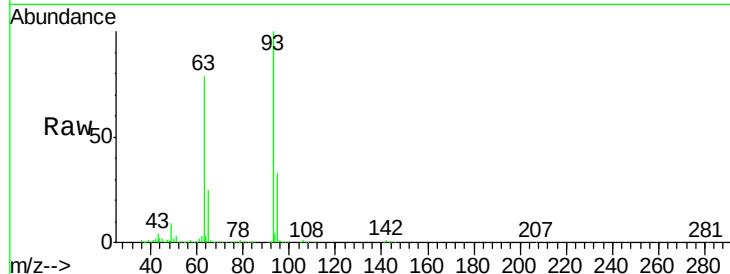




#11
bis(2-Chloroethyl)ether
Concen: 23.399 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

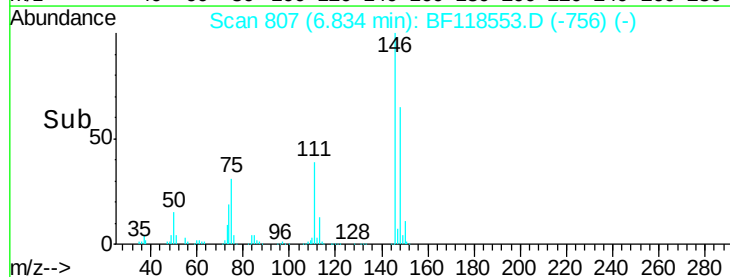
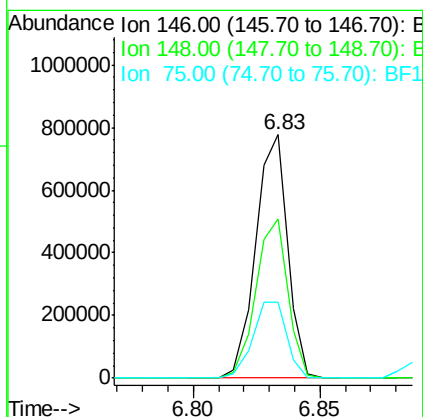
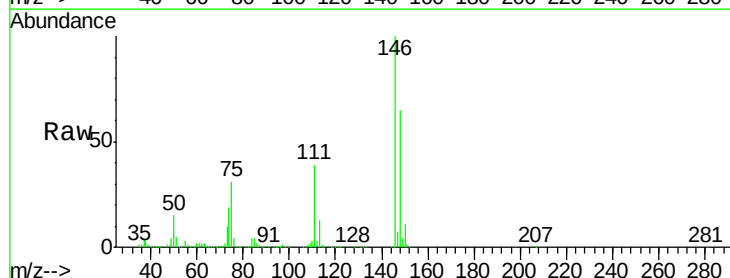
Instrument :
BNA_F
ClientSampleId :

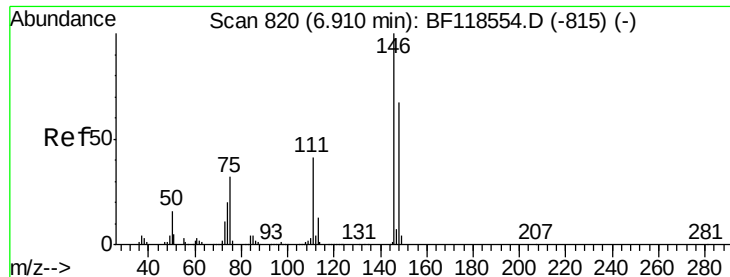
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.5	54.0	94.0
95	33.0	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 21.583 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	53.0	79.6
75	31.2	26.5	39.7

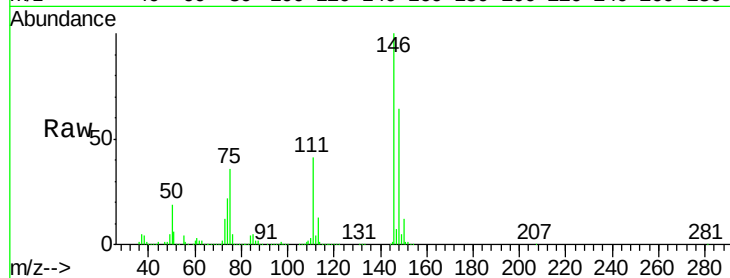




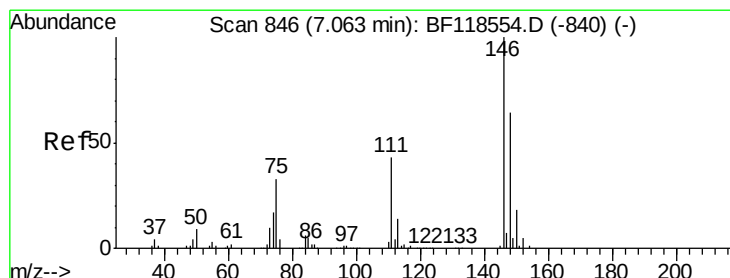
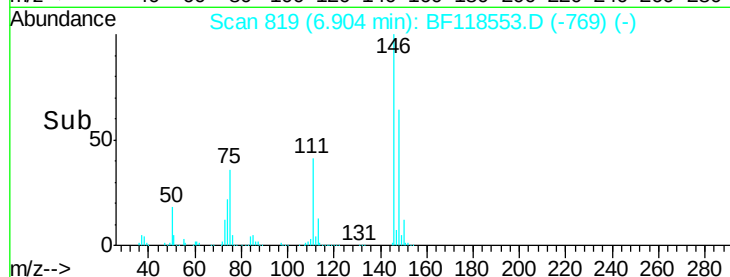
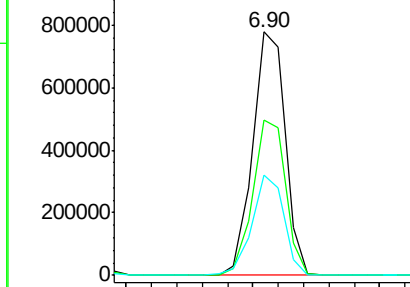
#13
 1,4-Dichlorobenzene
 Concen: 22.004 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF118553.D
 Acq: 17 Jan 2020 11:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 699532
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.4 80.2
 111 41.0 32.6 48.8

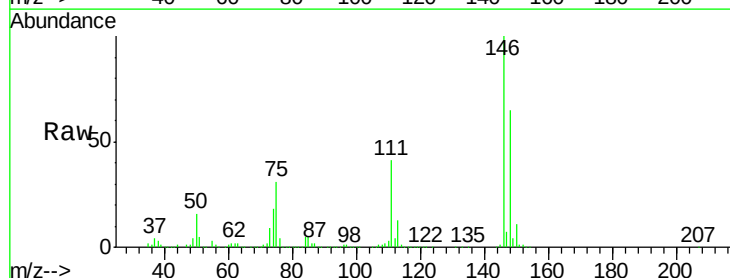


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

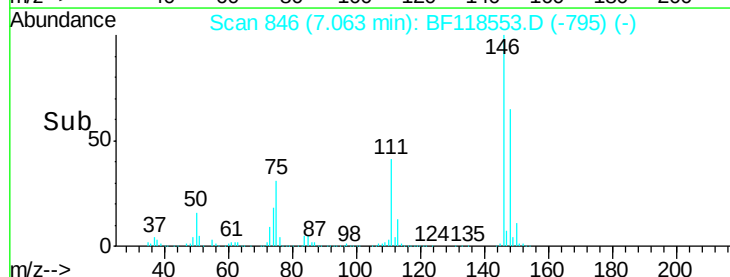
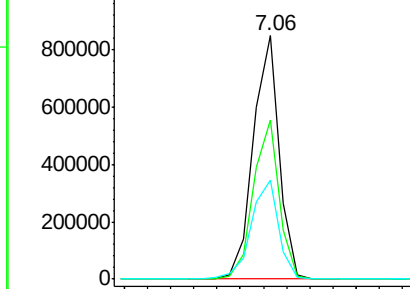


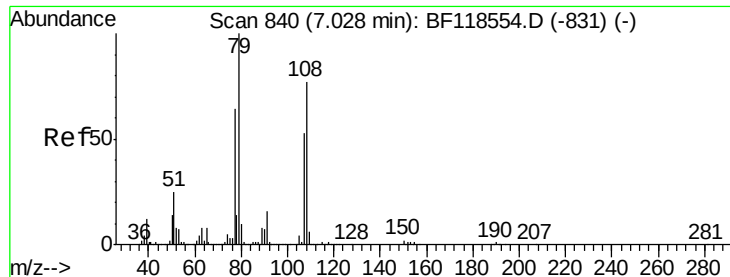
#14
 1,2-Dichlorobenzene
 Concen: 22.596 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF118553.D
 Acq: 17 Jan 2020 11:07

Tgt Ion:146 Resp: 665529
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.2 76.8
 111 40.8 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: 26.173 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

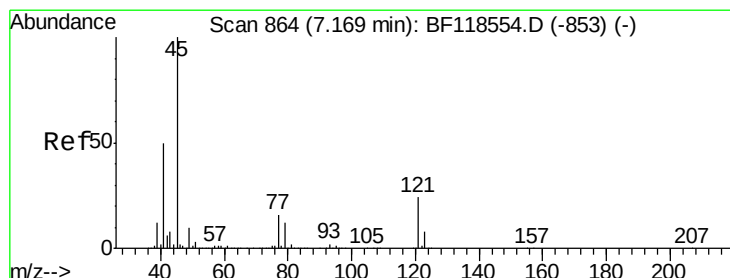
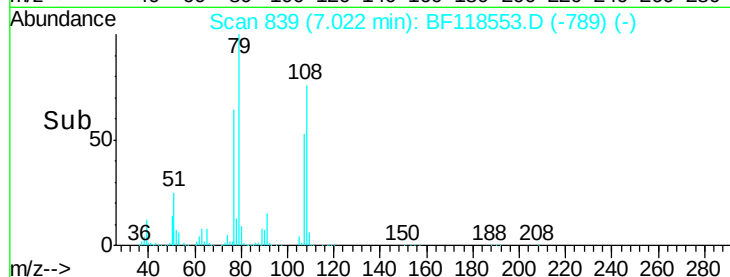
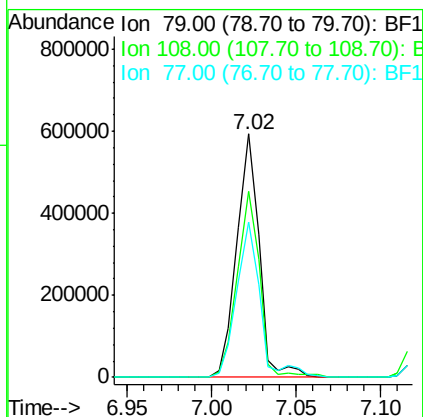
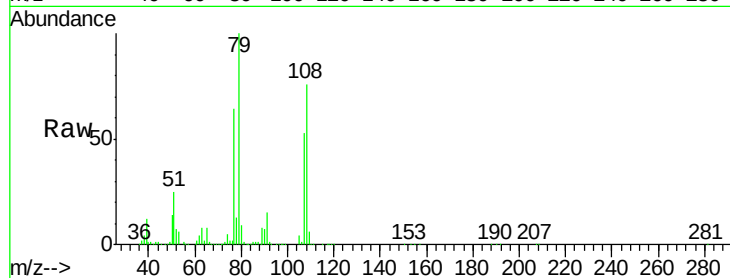
Tot Ion: 79 Resp: 548095

Ion Ratio Lower Upper

79 100

108 76.4 61.9 92.9

77 63.9 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.554 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

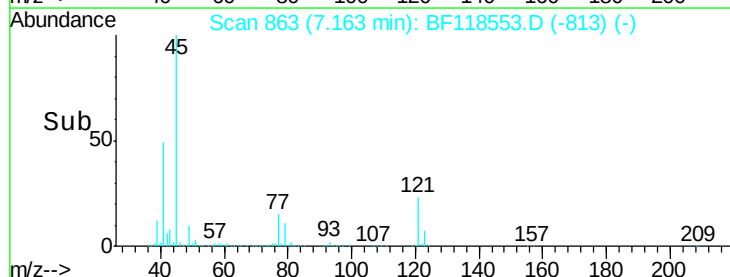
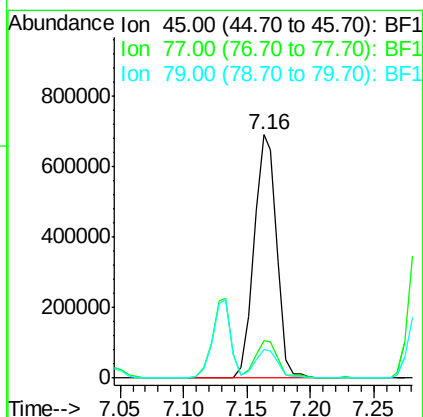
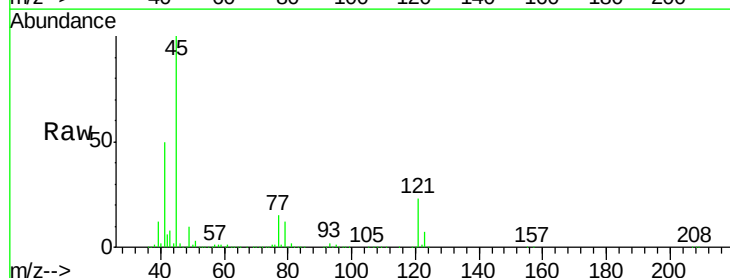
Tgt Ion: 45 Resp: 862975

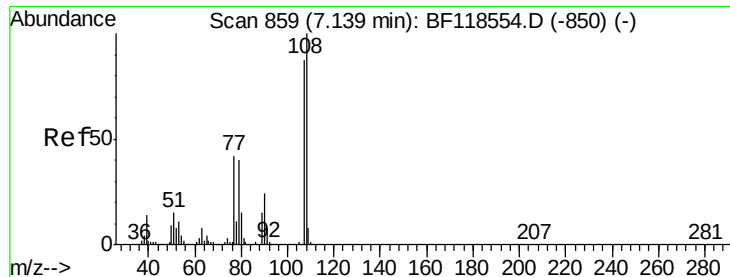
Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.8

79 11.6 0.0 32.2





#17

2-Methylphenol

Concen: 22.250 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 475261

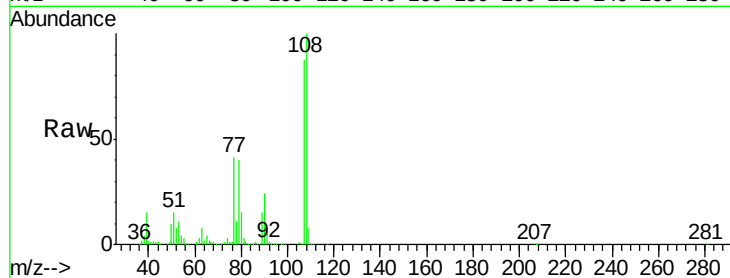
Ion Ratio Lower Upper

107 100

108 114.4 92.3 138.5

77 47.0 38.6 57.8

79 46.2 37.0 55.6



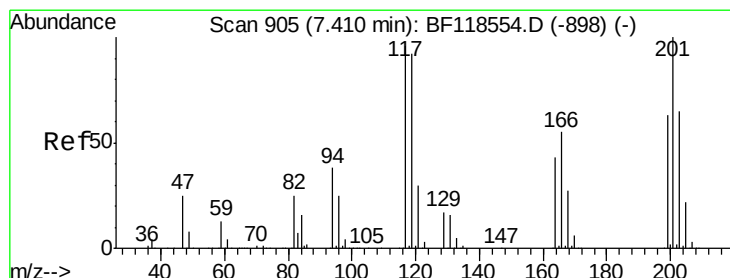
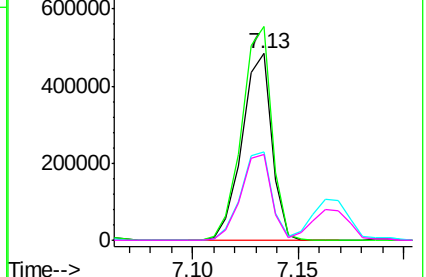
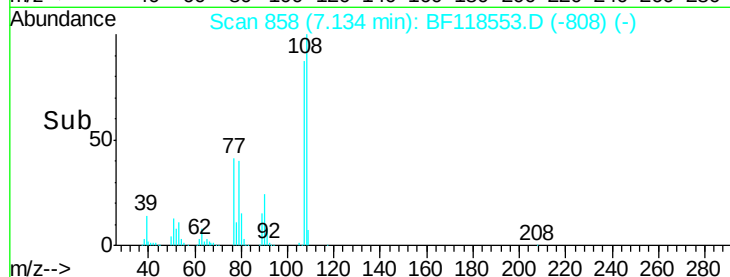
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



#18

Hexachloroethane

Concen: 21.764 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

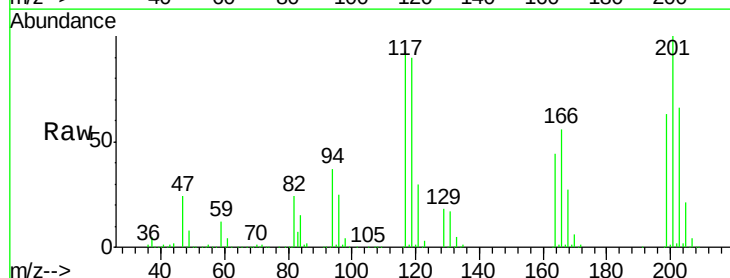
Tgt Ion:117 Resp: 245516

Ion Ratio Lower Upper

117 100

119 96.5 76.9 115.3

201 107.7 83.6 125.4

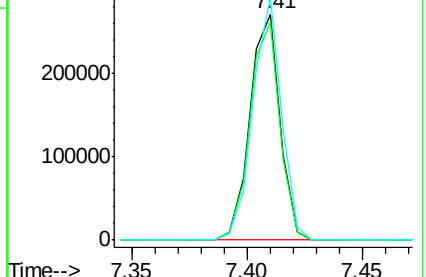
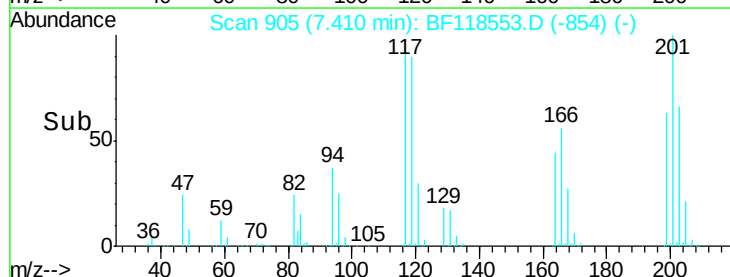


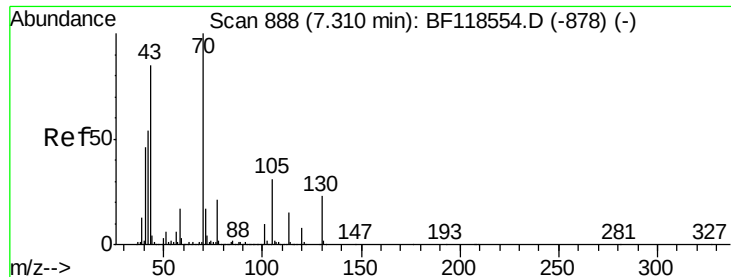
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

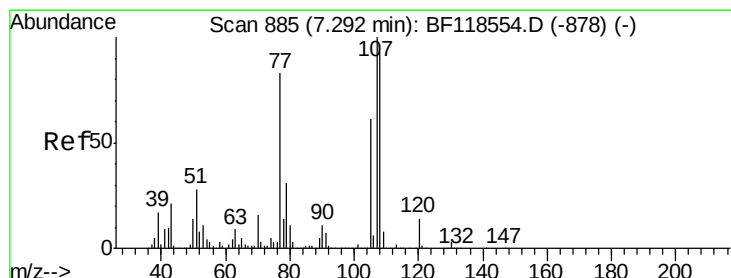
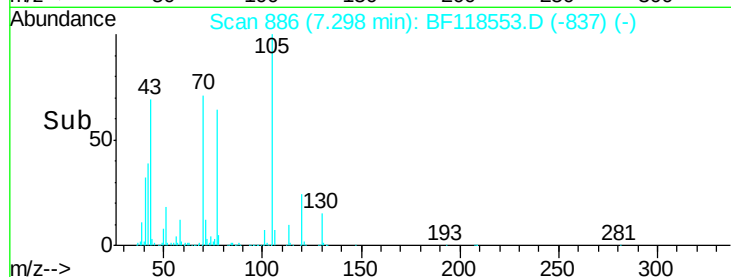
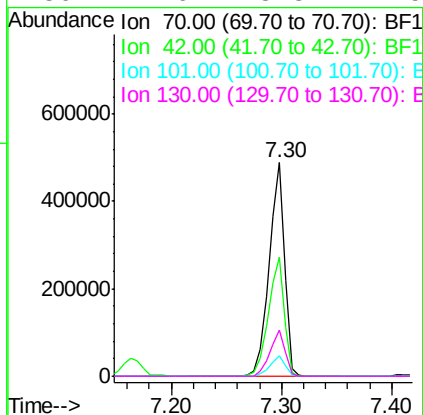
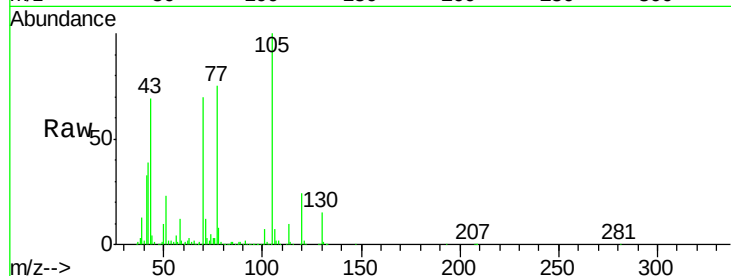




#19
n-Nitroso-di-n-propylamine
Concen: 27.993 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

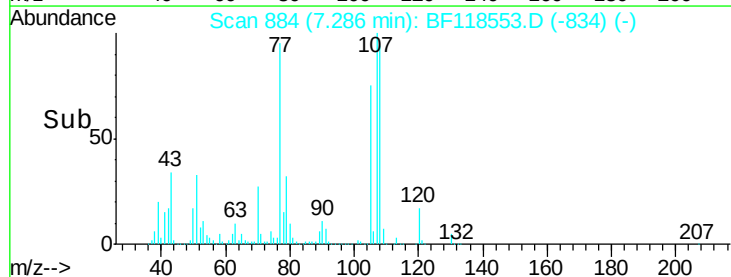
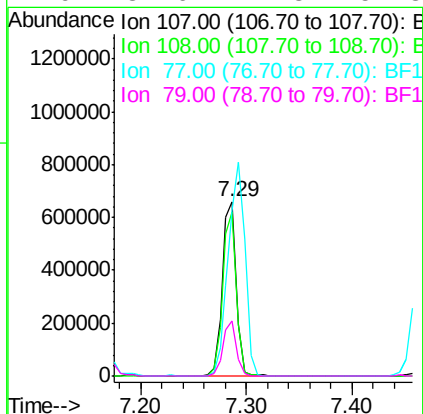
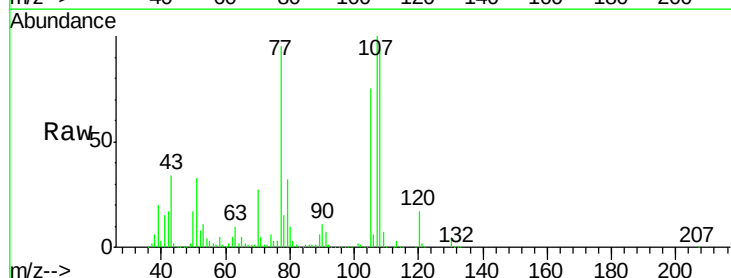
Instrument :
BNA_F
ClientSampleId :

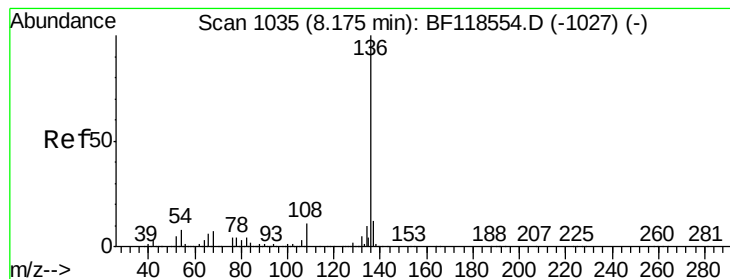
Tot Ion: 70 Resp: 475780
Ion Ratio Lower Upper
70 100
42 55.6 43.6 65.4
101 9.8 7.7 11.5
130 21.6 18.3 27.5



#20
3+4-Methylphenols
Concen: 22.059 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:107 Resp: 613405
Ion Ratio Lower Upper
107 100
108 94.2 72.6 112.6
77 94.9 63.0 103.0
79 31.6 11.3 51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1582014

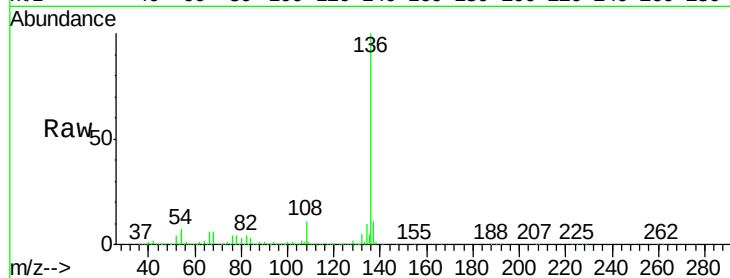
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 7.4 6.2 9.2

68 6.4 5.4 8.0

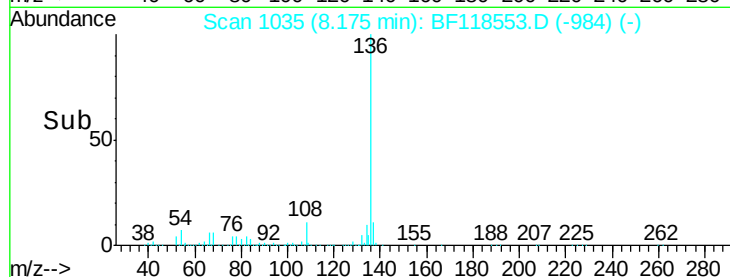


Abundance Ion 136.00 (135.70 to 136.70): E

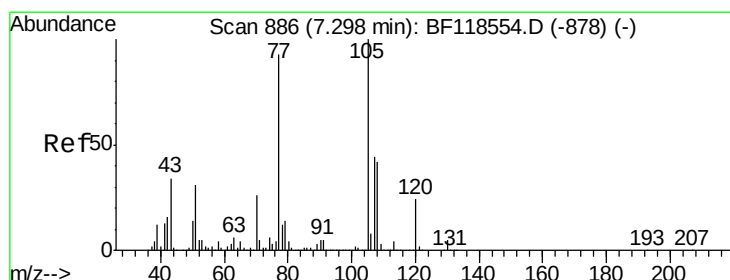
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.10 8.15 8.20



#22

Acetophenone

Concen: 23.680 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Tgt Ion:105 Resp: 869100

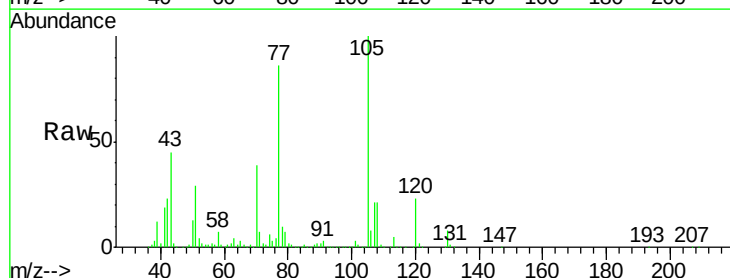
Ion Ratio Lower Upper

105 100

71 6.5 3.8 5.6#

51 28.6 24.9 37.3

120 23.2 19.2 28.8

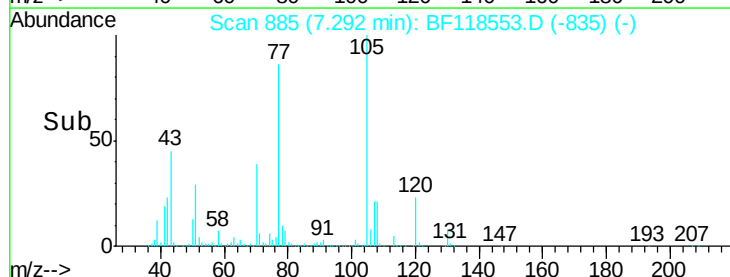


Abundance Ion 105.00 (104.70 to 105.70): E

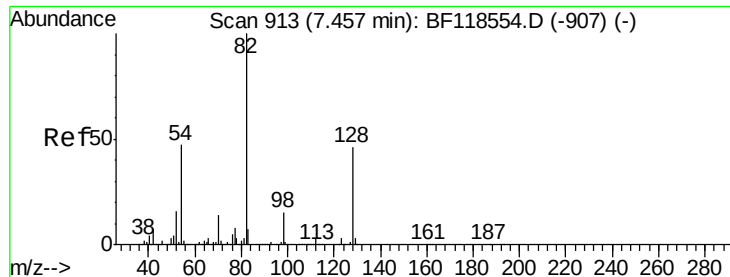
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



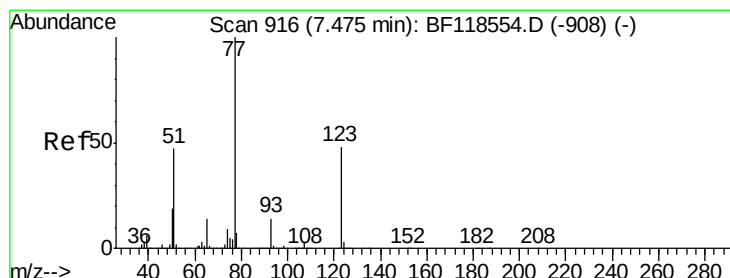
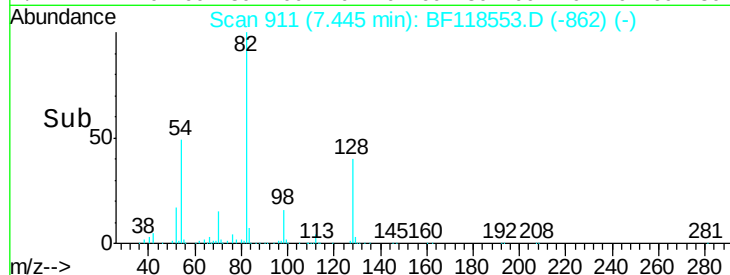
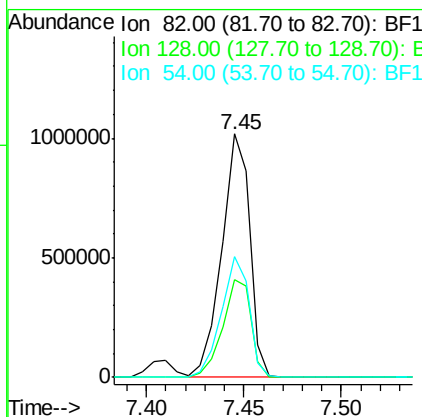
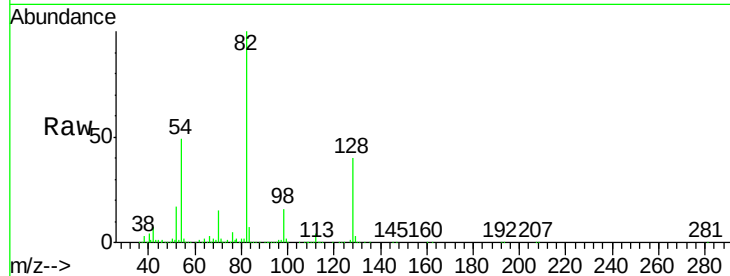
Time--> 7.25 7.30



#23
Nitrobenzene-d5
Concen: 38.998 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

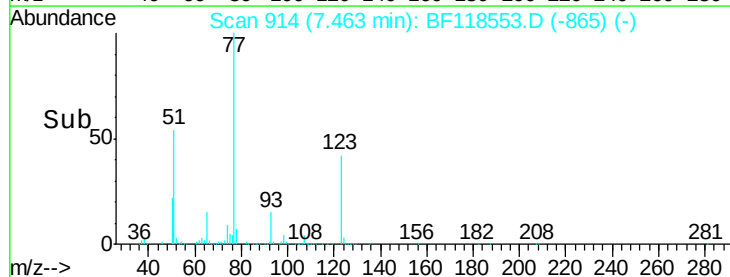
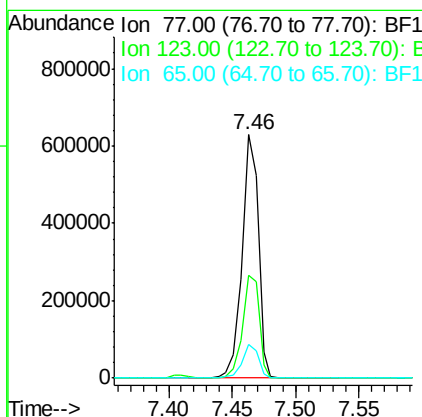
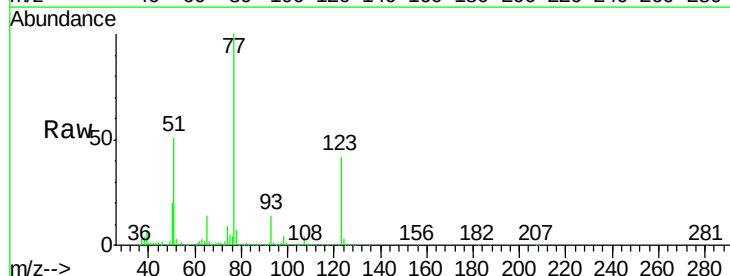
Instrument :
BNA_F
ClientSampled :

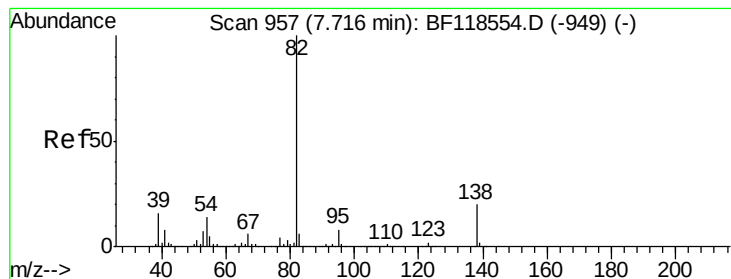
Tot Ion: 82 Resp: 1007466
Ion Ratio Lower Upper
82 100
128 40.4 37.0 55.4
54 49.3 37.4 56.0



#24
Nitrobenzene
Concen: 21.472 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion: 77 Resp: 551381
Ion Ratio Lower Upper
77 100
123 42.4 38.2 57.2
65 13.8 11.1 16.7





#25

Isophorone

Concen: 25.673 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

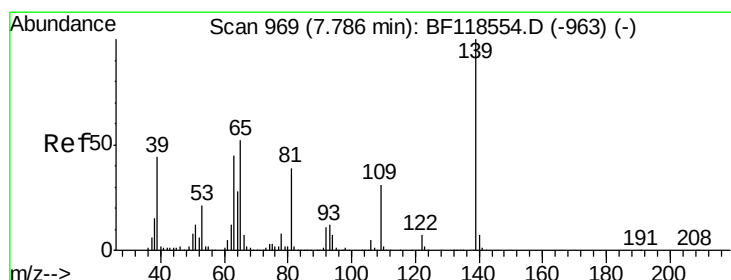
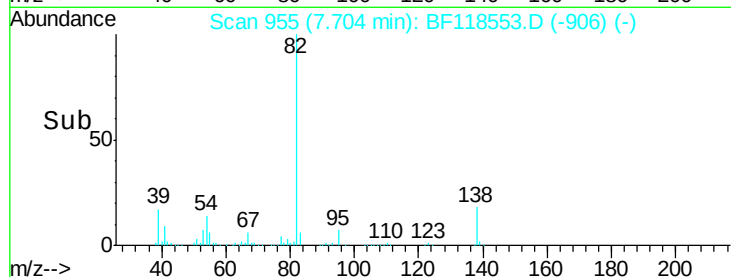
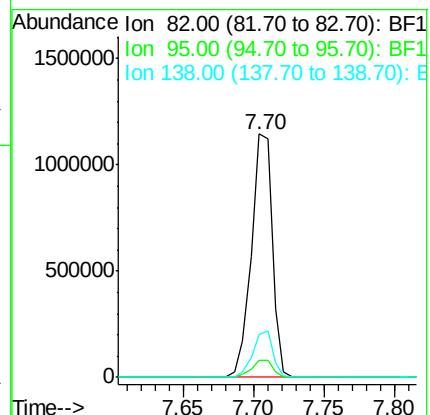
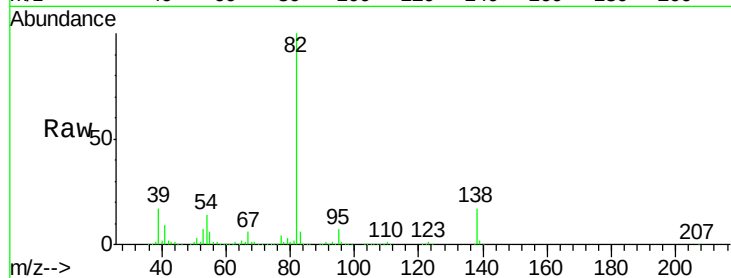
Tot Ion: 82 Resp: 1195153

Ion Ratio Lower Upper

82 100

95 7.1 6.0 9.0

138 17.4 15.8 23.8



#26

2-Nitrophenol

Concen: 11.665 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

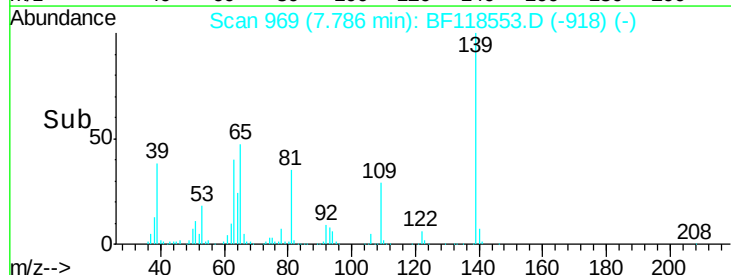
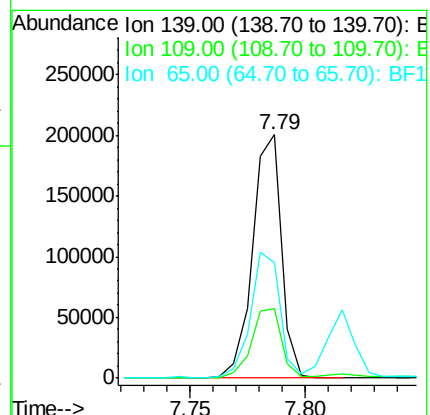
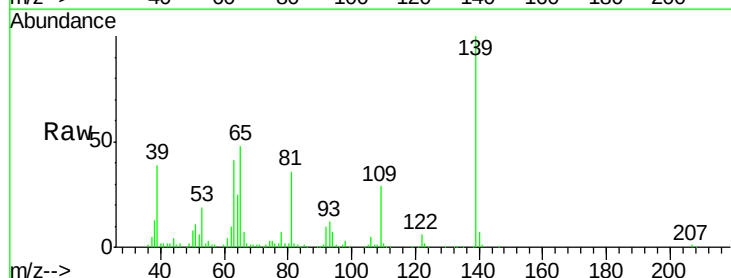
Tgt Ion: 139 Resp: 175753

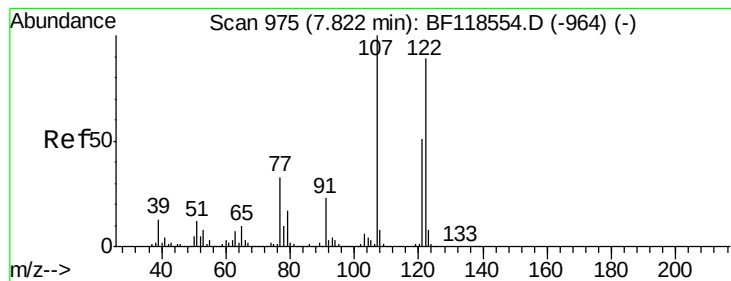
Ion Ratio Lower Upper

139 100

109 28.8 24.6 36.8

65 47.6 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 22.963 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

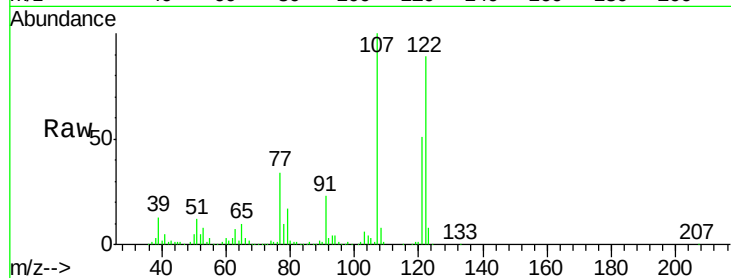
Tot Ion:122 Resp: 461837

Ion Ratio Lower Upper

122 100

107 112.6 89.6 134.4

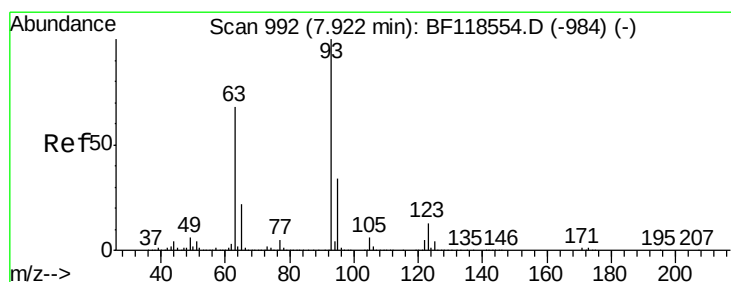
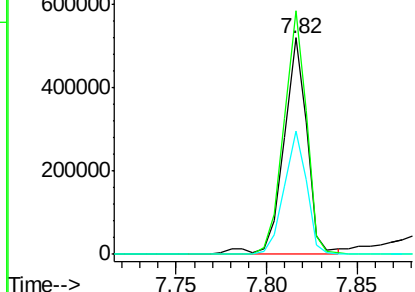
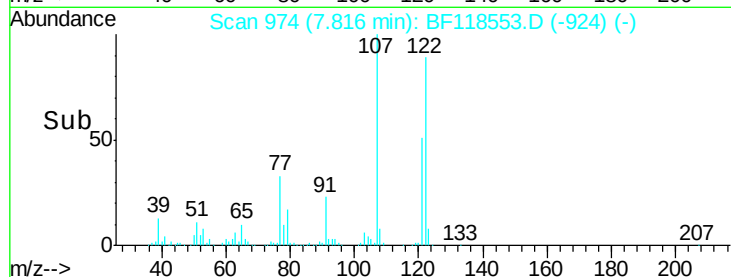
121 57.3 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 24.316 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

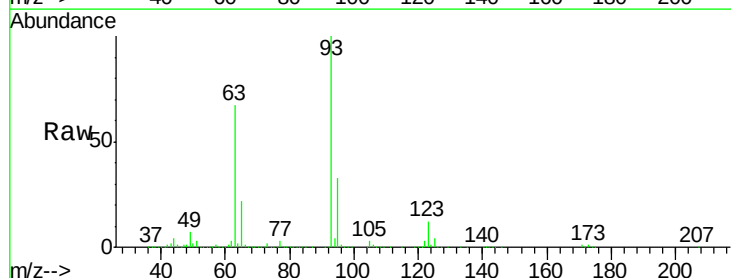
Tgt Ion: 93 Resp: 780348

Ion Ratio Lower Upper

93 100

95 32.8 27.3 40.9

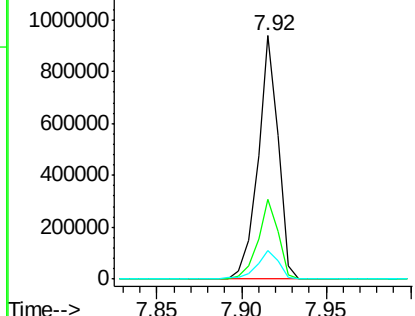
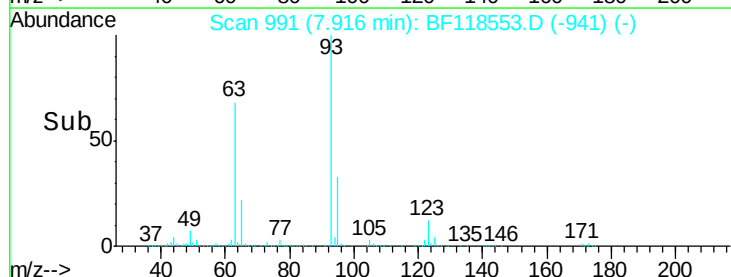
123 11.6 10.2 15.4

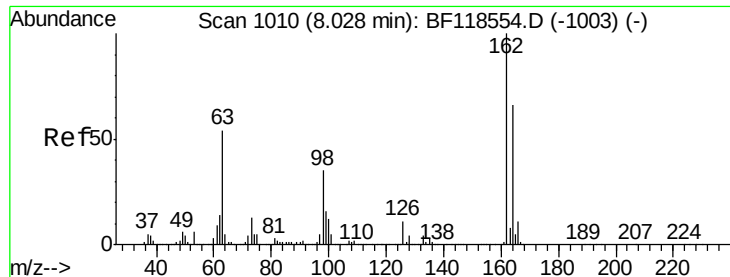


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

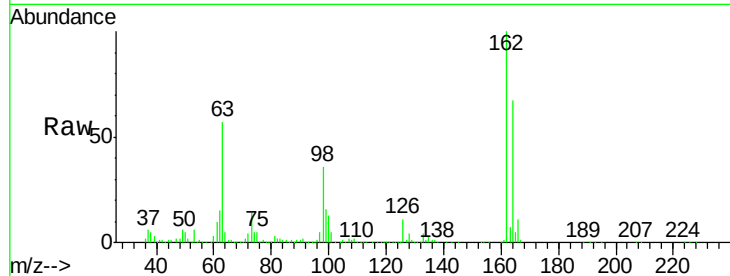




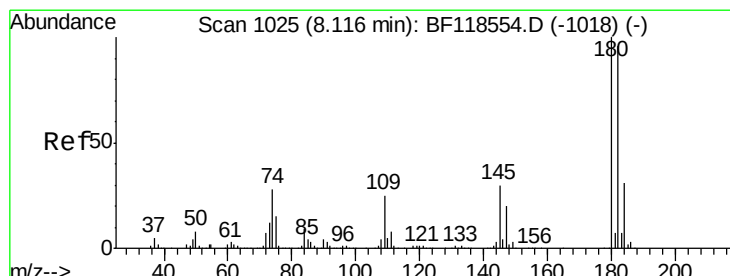
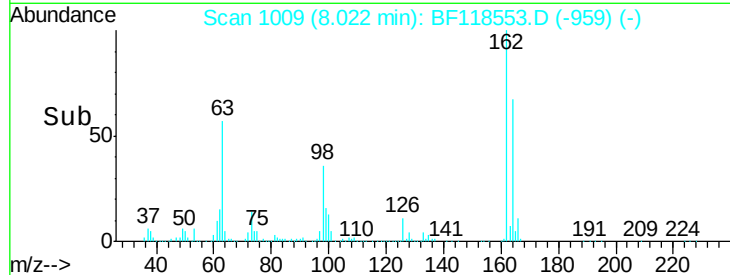
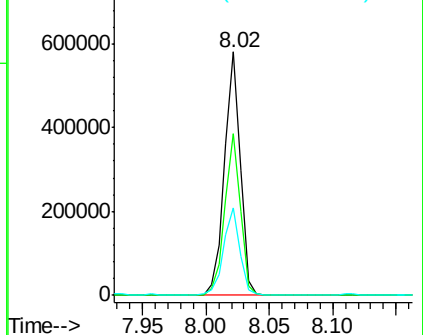
#29
2,4-Dichlorophenol
Concen: 21.653 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	45.6	85.6
98	35.9	15.4	55.4

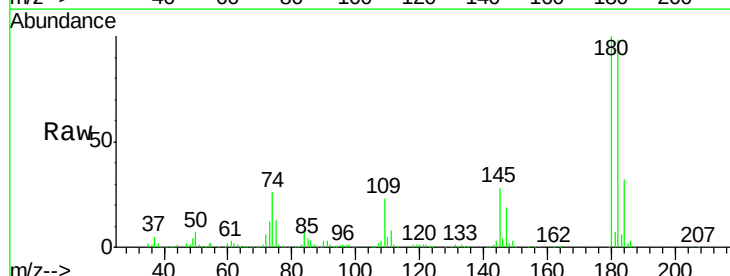


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

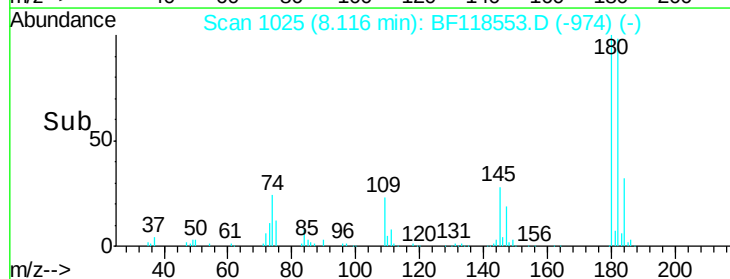
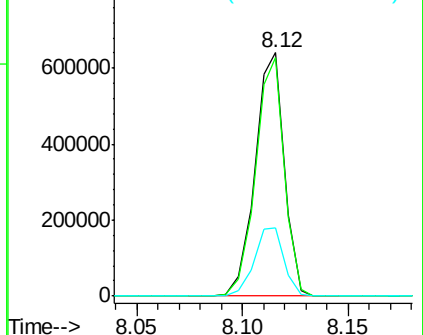


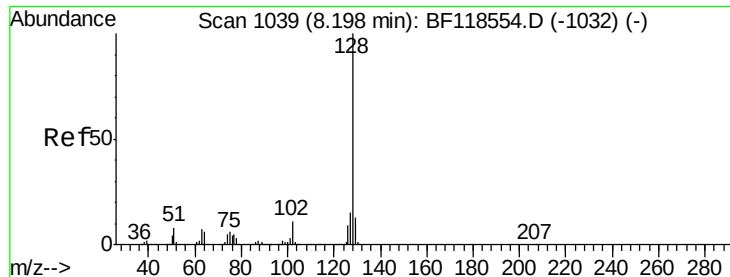
#30
1,2,4-Trichlorobenzene
Concen: 23.053 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.8	115.2
145	28.3	24.2	36.2



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

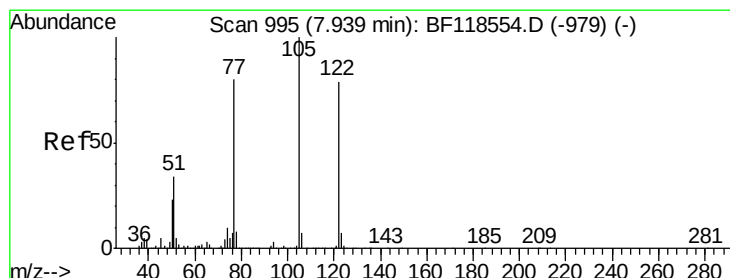
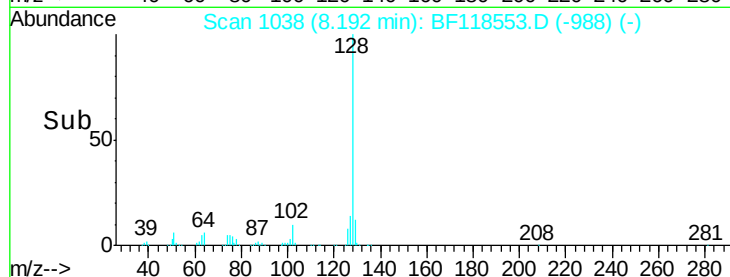
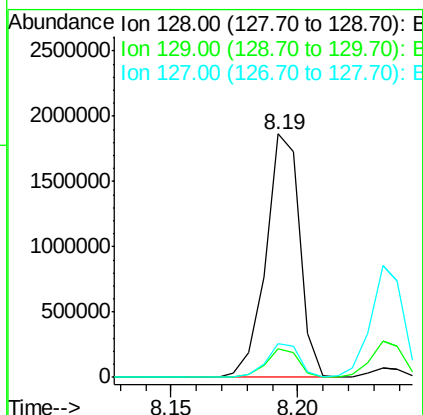
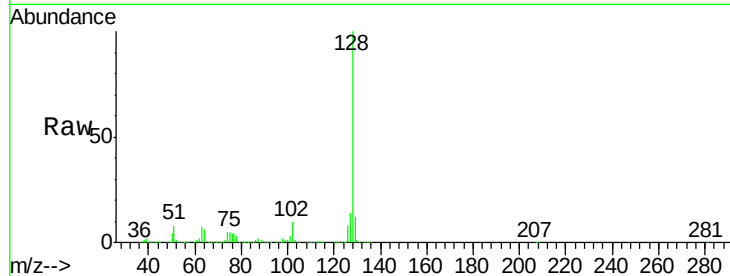




#31
Naphthalene
Concen: 21.944 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

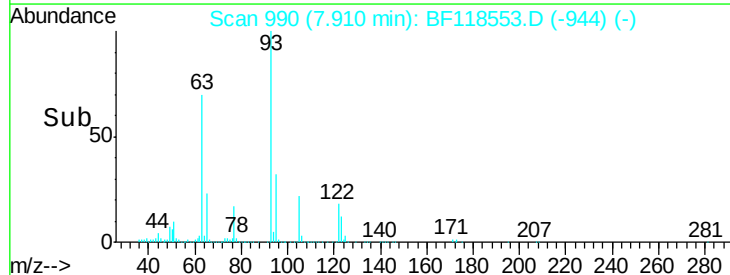
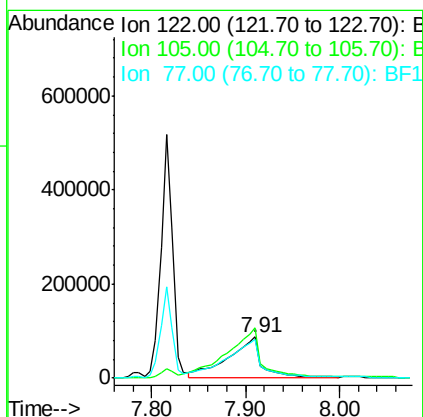
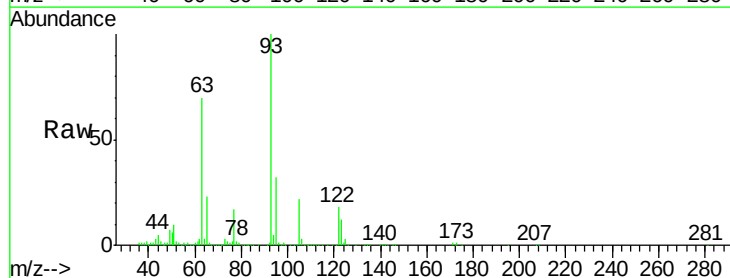
Instrument :
BNA_F
ClientSampled :

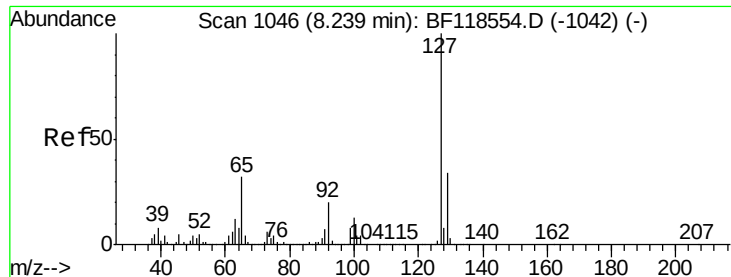
Tot Ion:128 Resp: 1741605
Ion Ratio Lower Upper
128 100
129 12.0 10.3 15.5
127 13.8 12.1 18.1



#32
Benzoic acid
Concen: 14.503 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:122 Resp: 210625
Ion Ratio Lower Upper
122 100
105 121.4 105.0 145.0
77 95.2 80.7 120.7

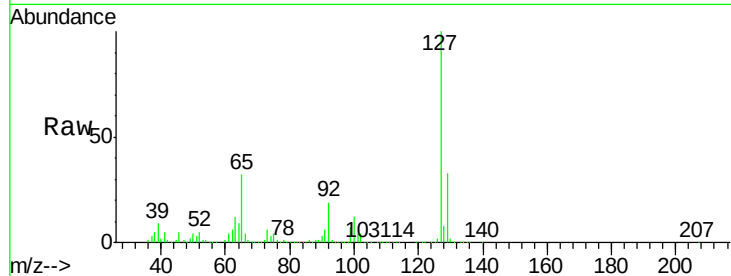




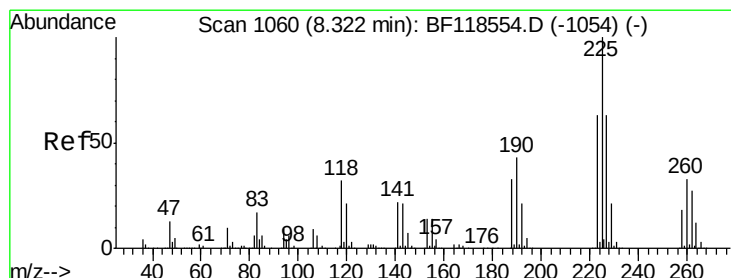
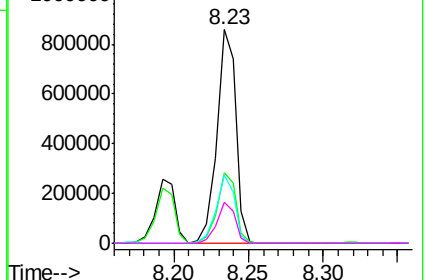
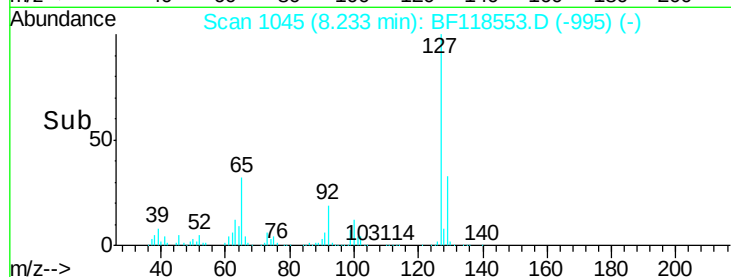
#33
4-Chloroaniline
Concen: 22.658 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	765155
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4
65	31.7	25.8	38.8
92	19.0	15.8	23.8

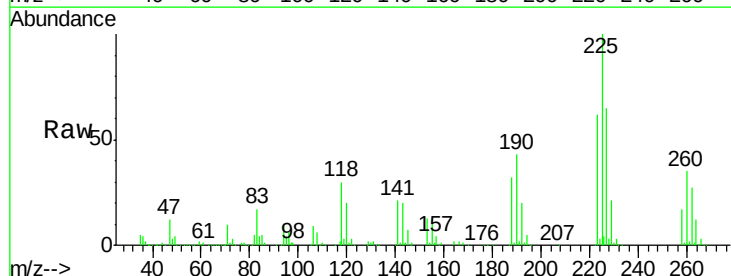


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

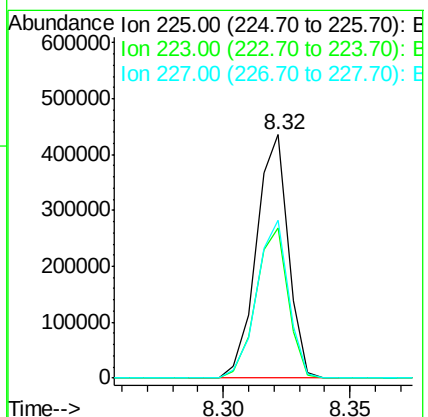
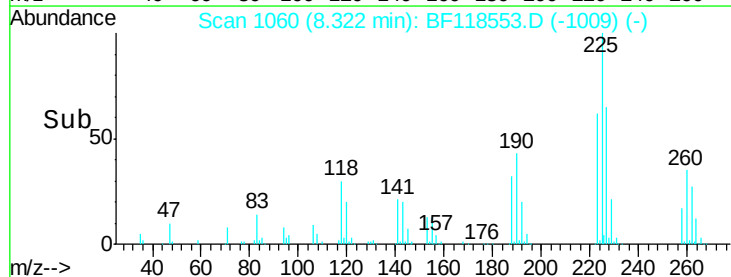


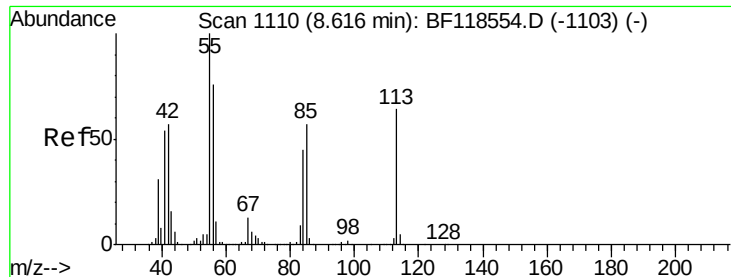
#34
Hexachlorobutadiene
Concen: 24.502 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:	225	Resp:	383333
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	64.8	50.4	75.6



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





#35

Caprolactam

Concen: 22.158 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampled :

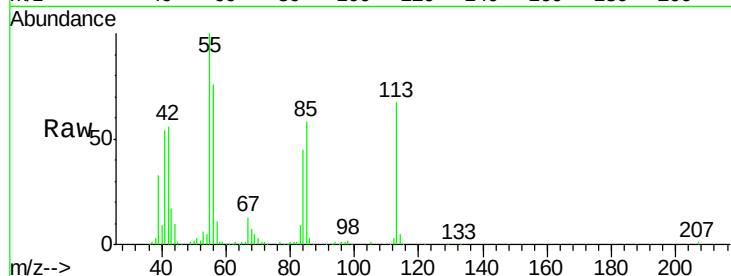
Tot Ion:113 Resp: 159757

Ion Ratio Lower Upper

113 100

55 149.8 137.3 177.3

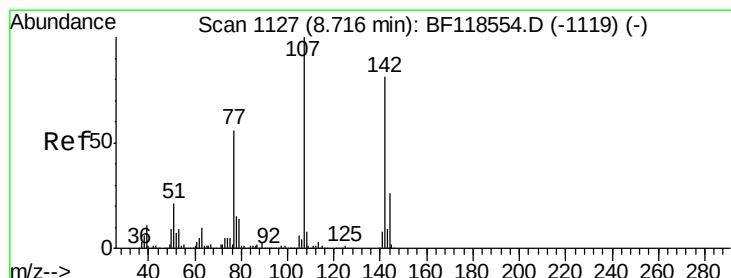
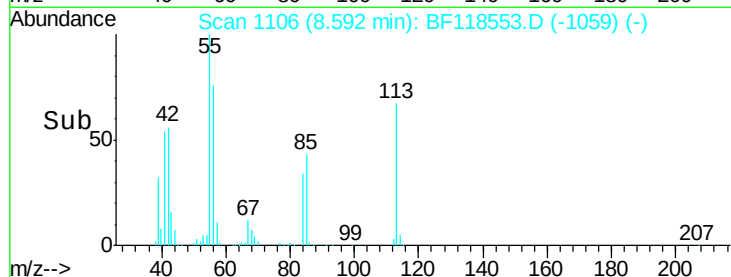
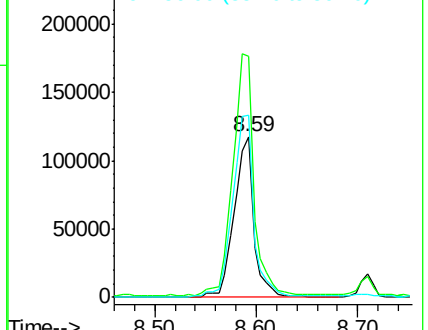
56 113.5 99.7 139.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 21.275 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

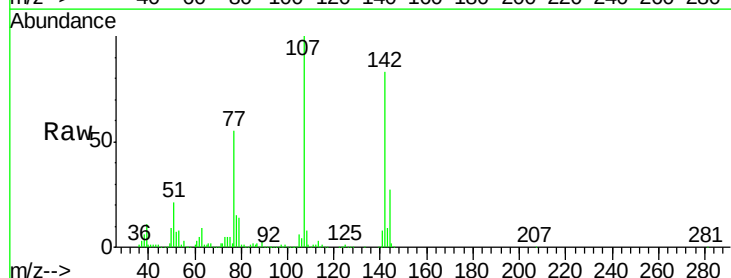
Tgt Ion:107 Resp: 513723

Ion Ratio Lower Upper

107 100

144 26.8 21.2 31.8

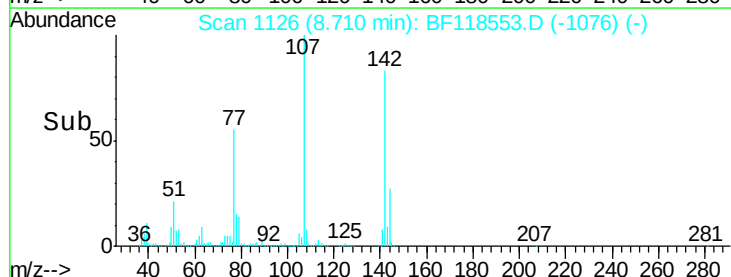
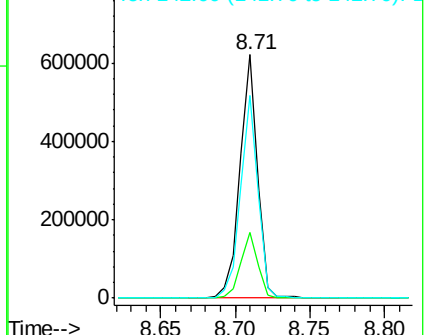
142 83.3 64.4 96.6

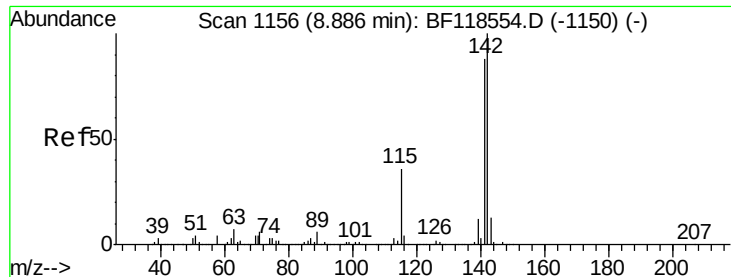


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

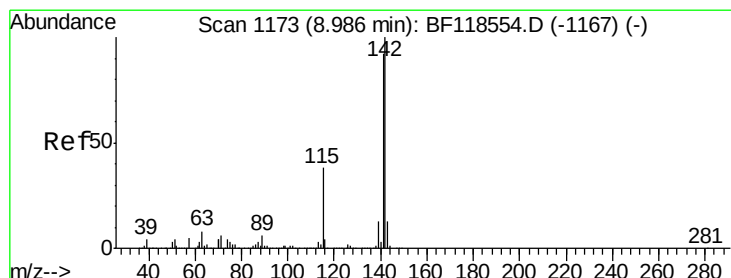
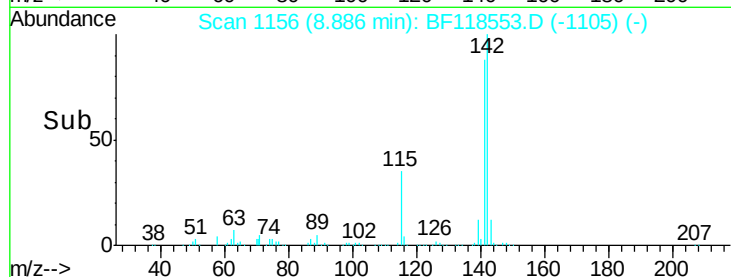
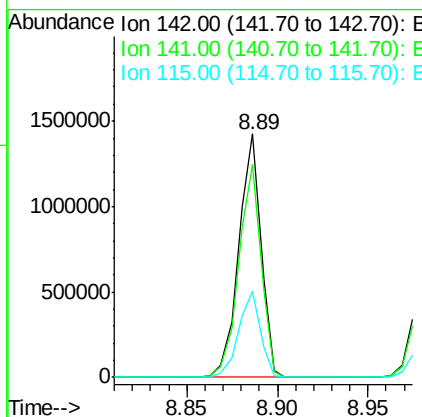
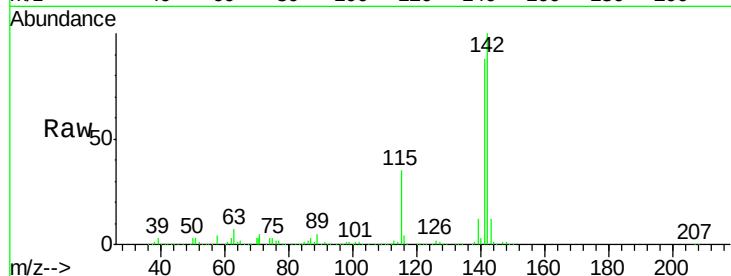




#37
 2-Methylnaphthalene
 Concen: 22.898 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF118553.D
 Acq: 17 Jan 2020 11:07

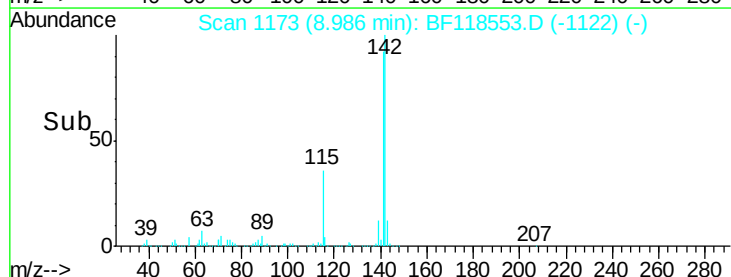
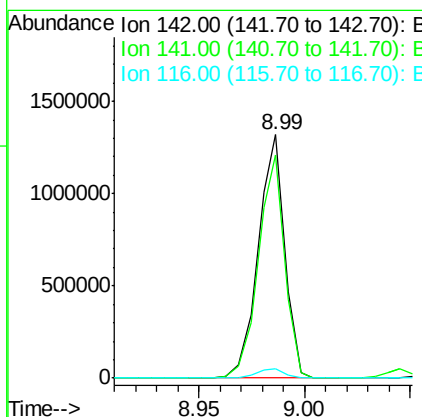
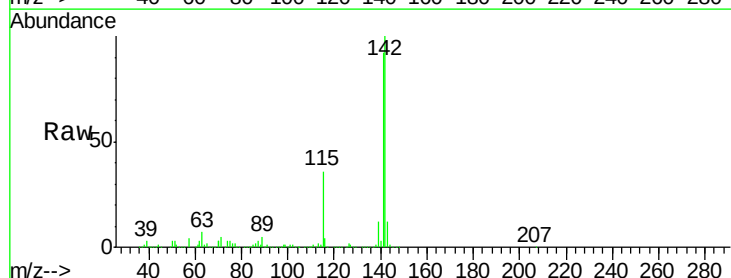
Instrument :
 BNA_F
 ClientSampleId :

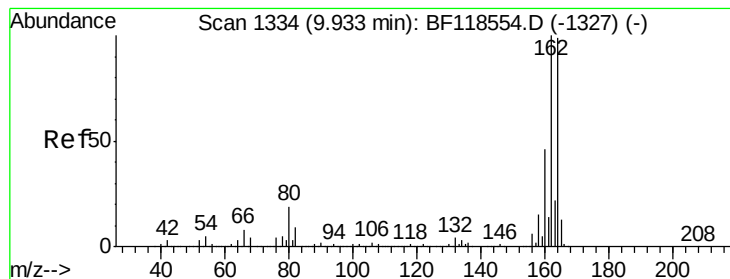
Tot Ion:142 Resp: 1214836
 Ion Ratio Lower Upper
 142 100
 141 87.7 70.6 106.0
 115 35.2 29.0 43.4



#38
 1-Methylnaphthalene
 Concen: 22.795 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF118553.D
 Acq: 17 Jan 2020 11:07

Tgt Ion:142 Resp: 1146750
 Ion Ratio Lower Upper
 142 100
 141 91.6 73.8 110.6
 116 3.7 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

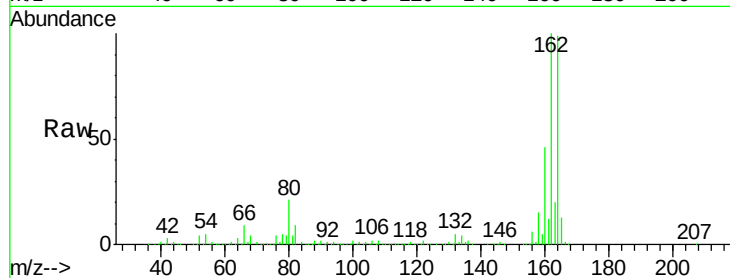
Tot Ion:164 Resp: 920619

Ion Ratio Lower Upper

164 100

162 101.5 80.6 120.8

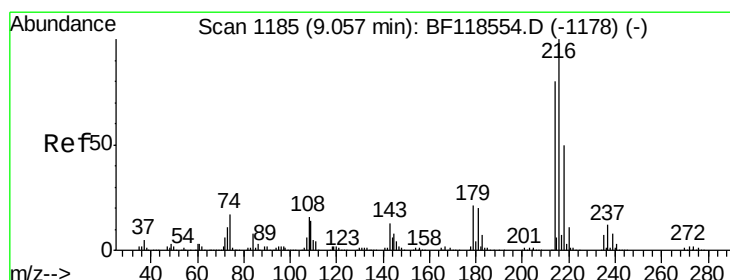
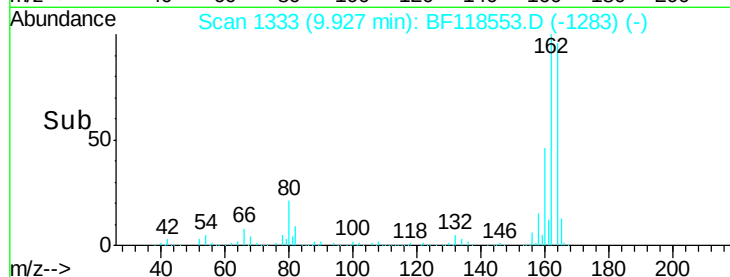
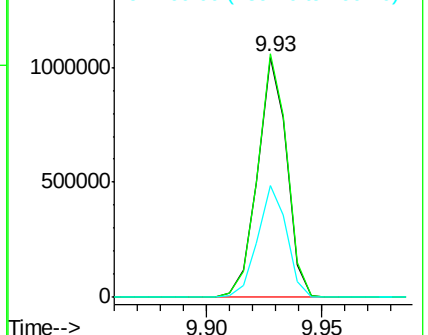
160 46.5 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 23.259 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Tgt Ion:216 Resp: 656611

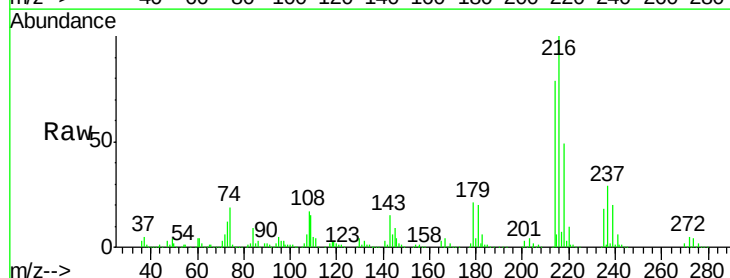
Ion Ratio Lower Upper

216 100

214 78.3 63.6 95.4

179 20.1 16.5 24.7

108 18.0 14.6 21.8

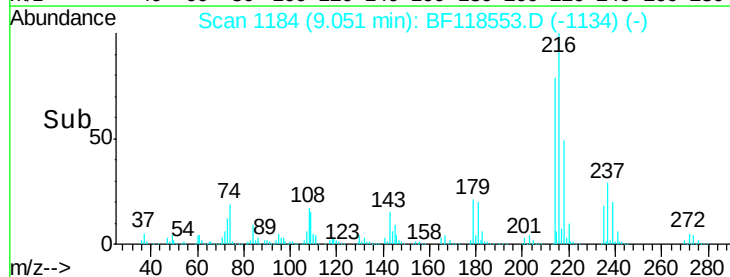
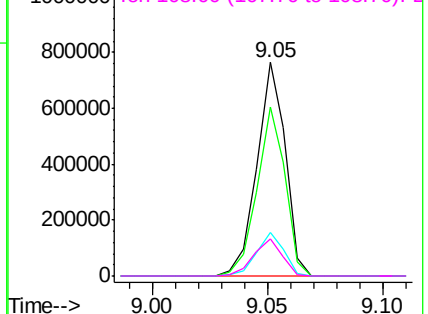


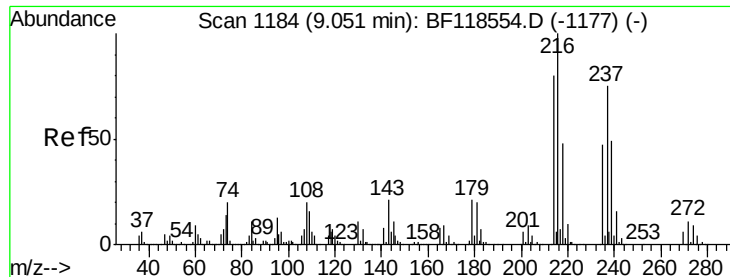
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.380 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

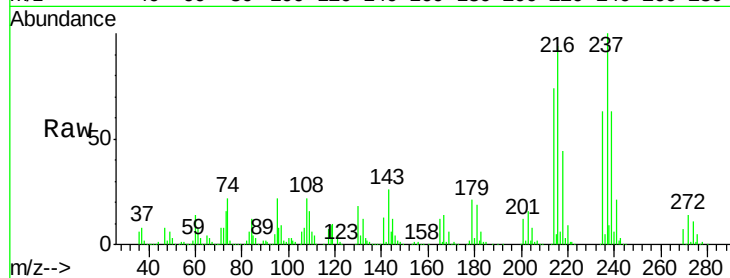
Tot Ion:237 Resp: 317345

Ion Ratio Lower Upper

237 100

235 63.0 42.1 82.1

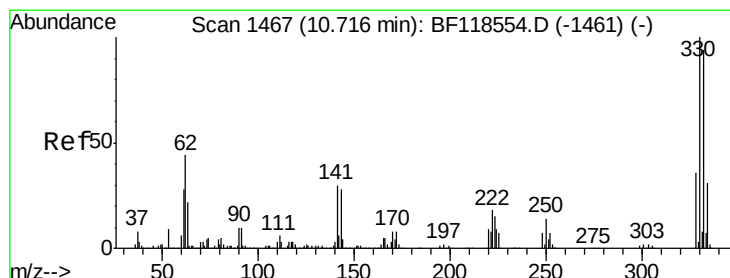
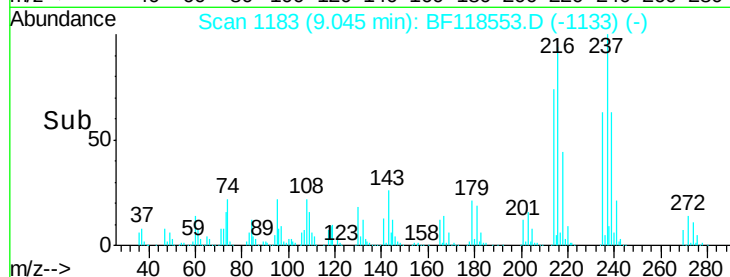
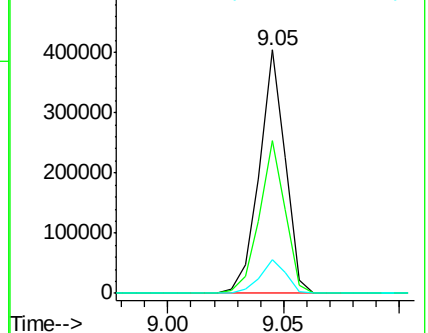
272 13.7 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 39.053 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

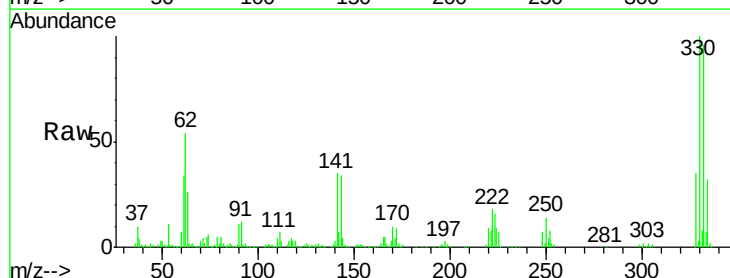
Tgt Ion:330 Resp: 436091

Ion Ratio Lower Upper

330 100

332 96.3 76.4 114.6

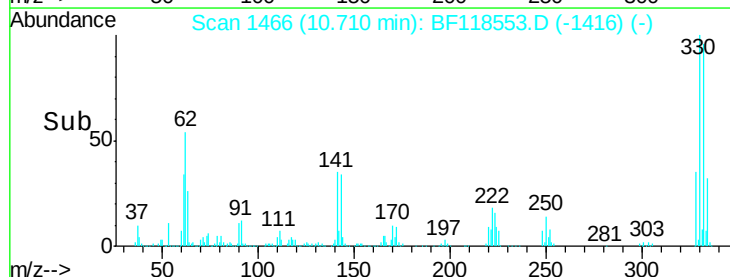
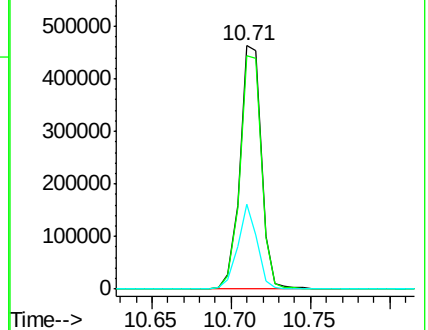
141 31.5 23.4 35.2

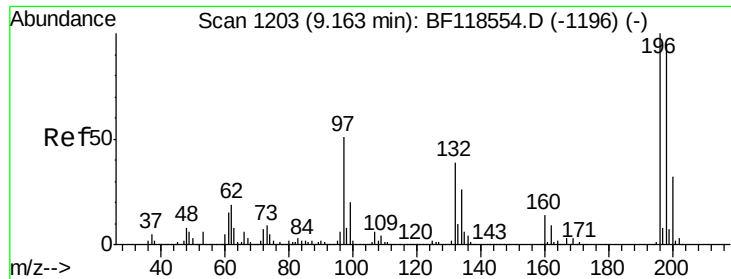


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

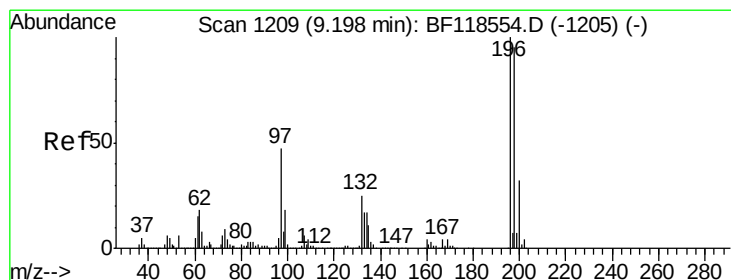
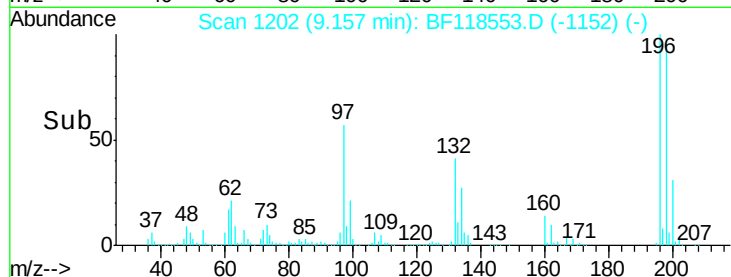
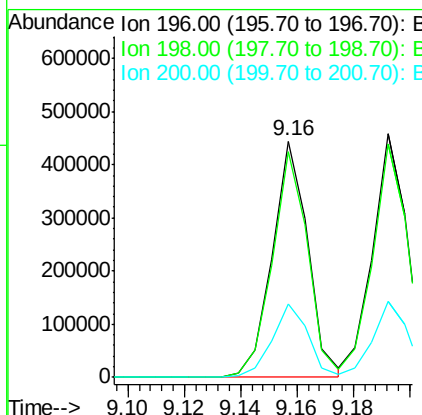
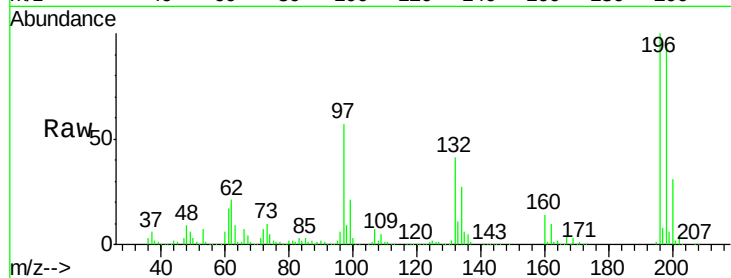




#43
2,4,6-Trichlorophenol
Concen: 21.222 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

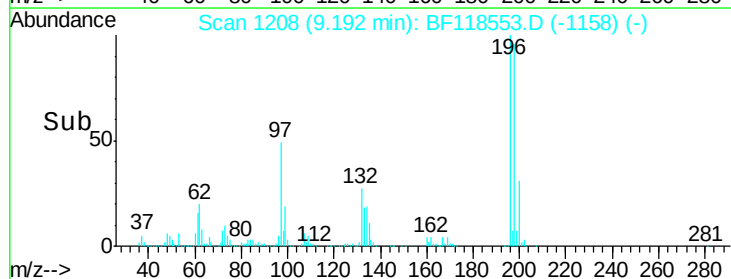
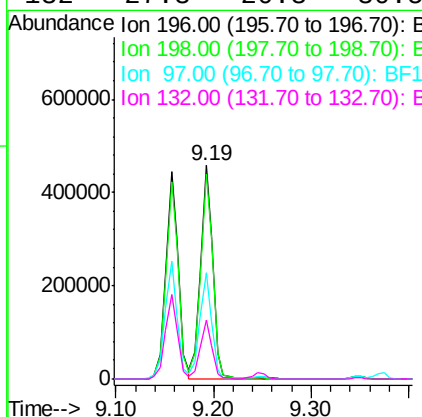
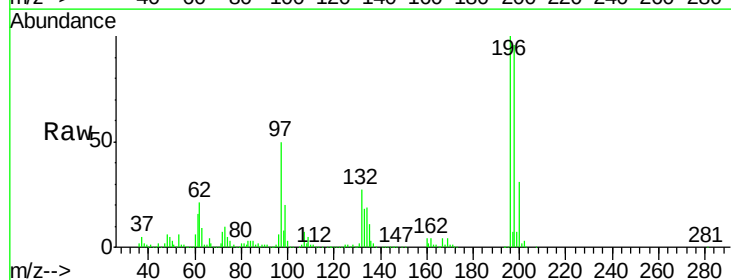
Instrument :
BNA_F
ClientSampled :

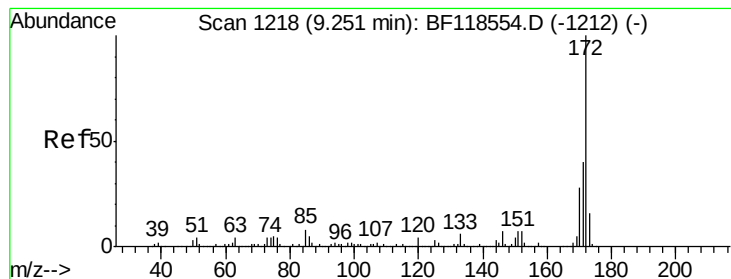
Tot Ion:196 Resp: 387955
Ion Ratio Lower Upper
196 100
198 95.2 76.0 114.0
200 30.8 25.4 38.0



#44
2,4,5-Trichlorophenol
Concen: 21.794 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:196 Resp: 397887
Ion Ratio Lower Upper
196 100
198 95.8 76.2 114.4
97 49.5 37.4 56.2
132 27.3 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 45.209 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

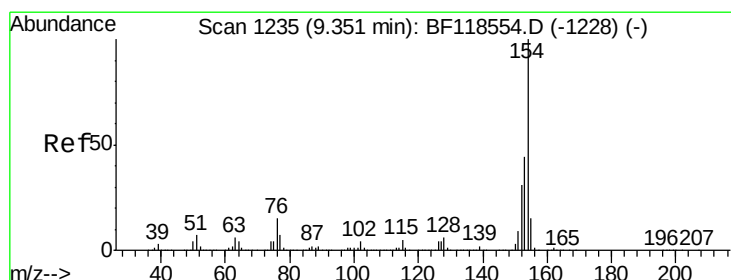
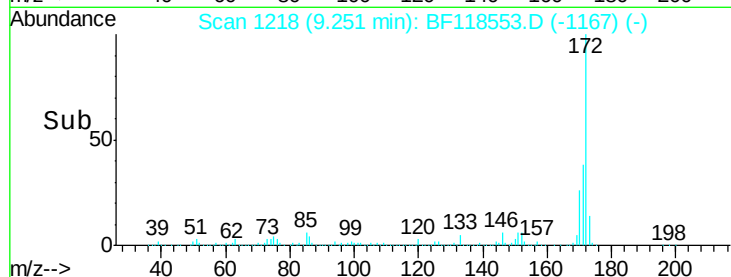
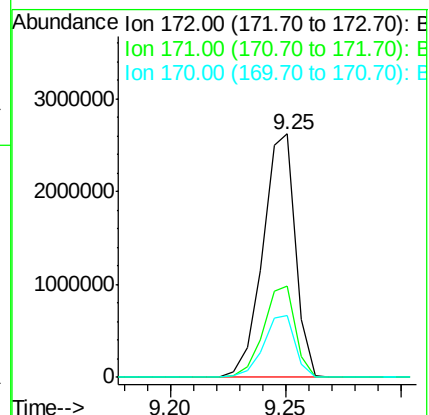
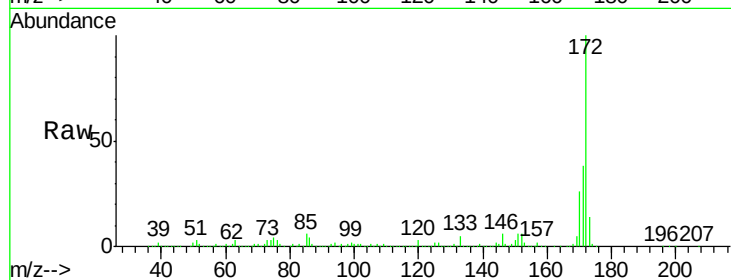
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 2580193

Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.4	48.6
170	25.6	22.5	33.7



#46

1,1'-Biphenyl

Concen: 21.031 ng

RT: 9.35 min Scan# 1235

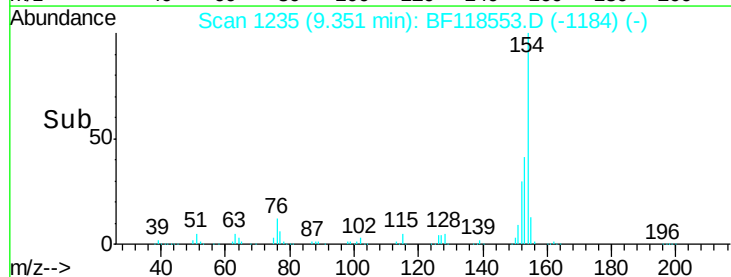
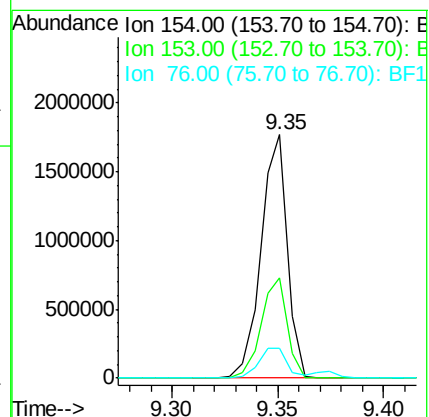
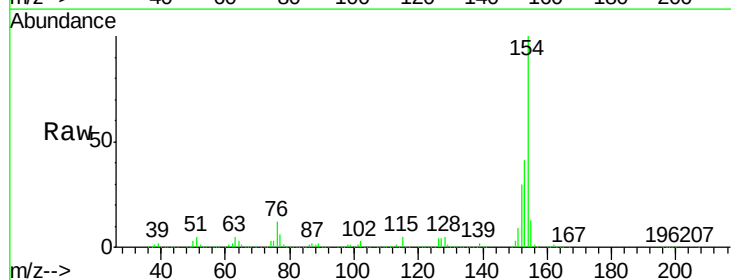
Delta R.T. 0.00 min

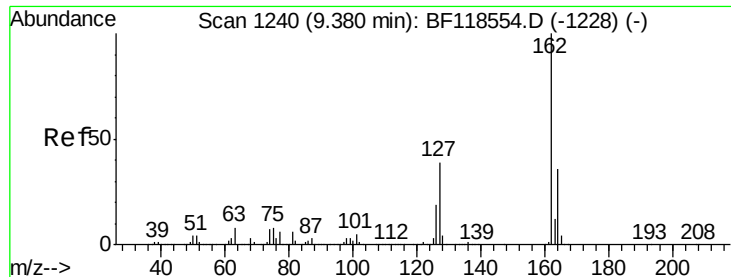
Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Tgt Ion:154 Resp: 1534167

Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.7	63.7
76	12.3	0.0	35.2

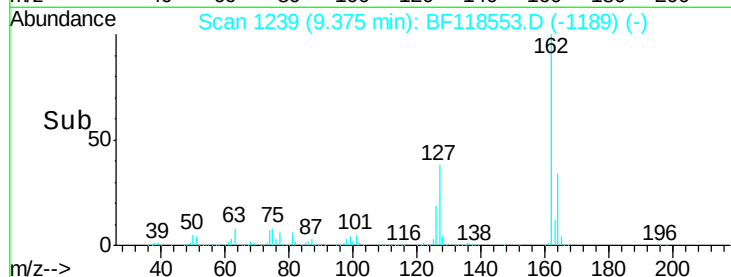
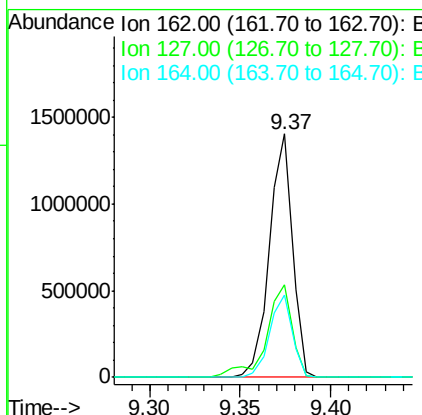
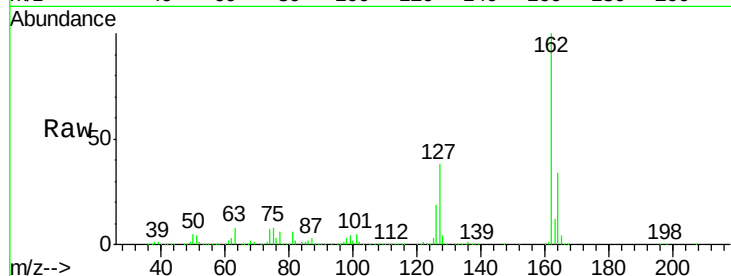




#47
2-Chloronaphthalene
Concen: 21.219 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

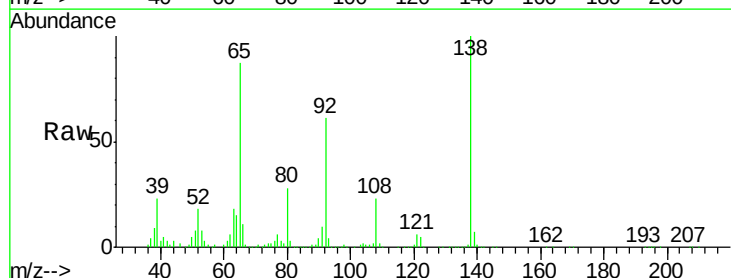
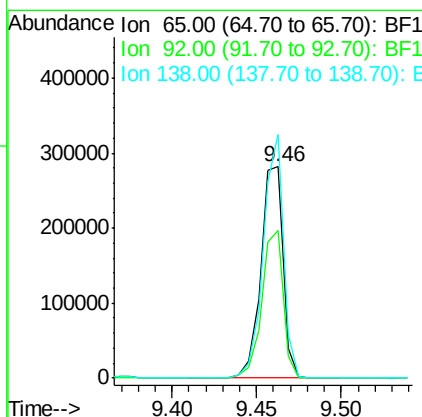
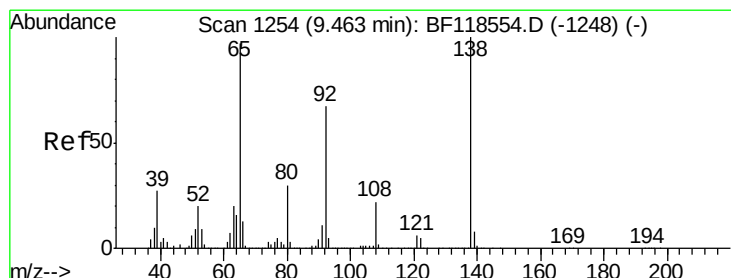
Instrument :
BNA_F
ClientSampleId :

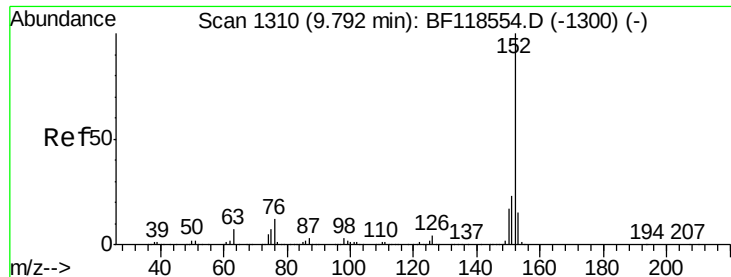
Tot Ion:162 Resp: 1242757
Ion Ratio Lower Upper
162 100
127 37.9 31.0 46.4
164 33.7 28.6 42.8



#48
2-Nitroaniline
Concen: 16.471 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion: 65 Resp: 259085
Ion Ratio Lower Upper
65 100
92 69.9 55.3 82.9
138 115.2 82.9 124.3





#49

Acenaphthylene

Concen: 21.201 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampled :

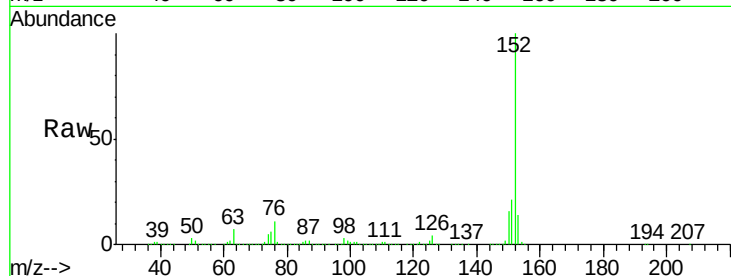
Tot Ion:152 Resp: 1809356

Ion Ratio Lower Upper

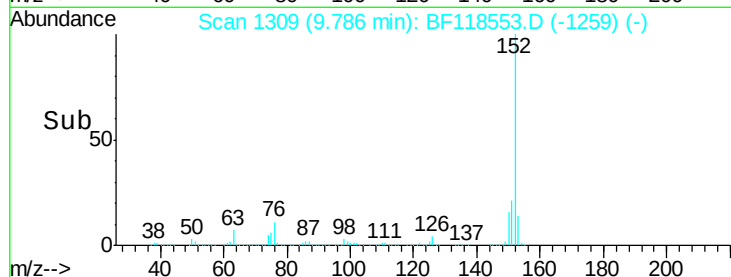
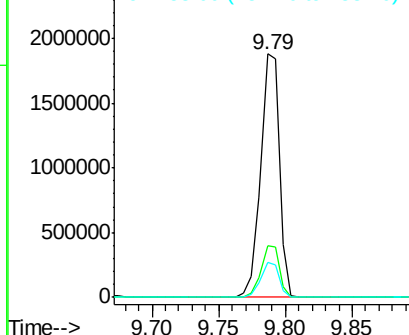
152 100

151 21.1 18.6 27.8

153 14.4 12.3 18.5



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



#50

Dimethylphthalate

Concen: 20.637 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

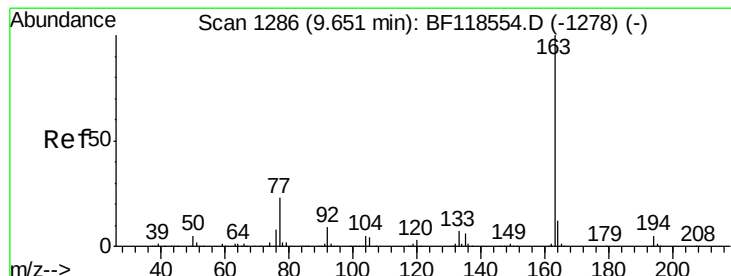
Tgt Ion:163 Resp: 1402287

Ion Ratio Lower Upper

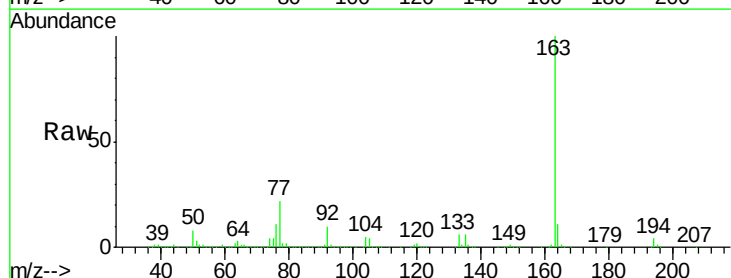
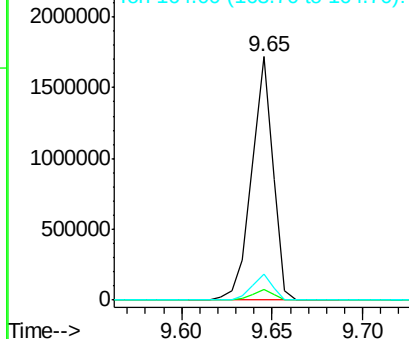
163 100

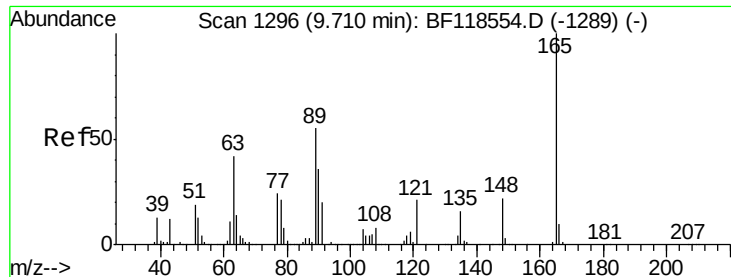
194 4.4 3.8 5.8

164 10.7 9.3 13.9



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





#51

2,6-Dinitrotoluene

Concen: 14.599 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF118553.D

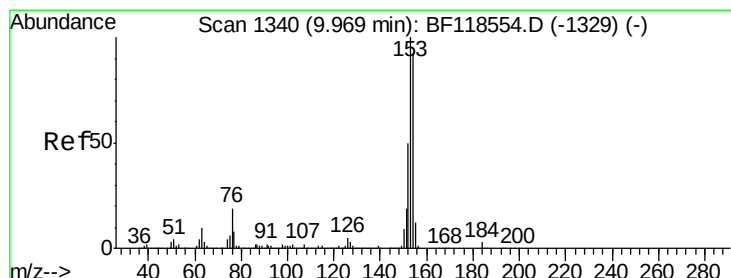
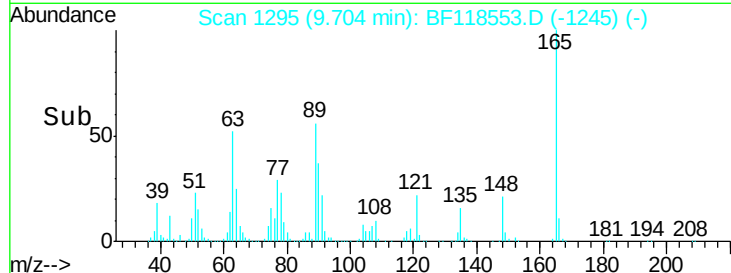
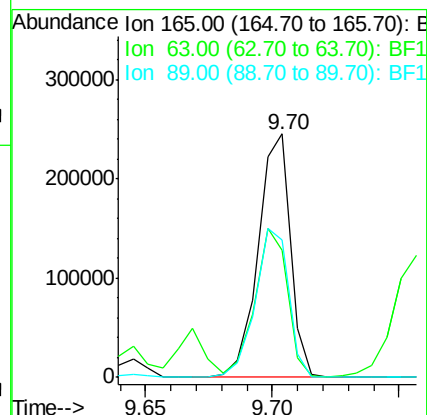
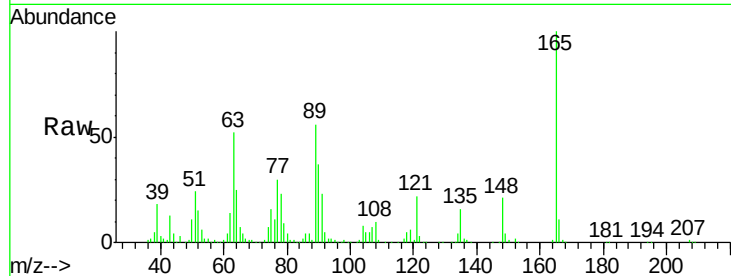
Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	218125
Ion Ratio	Lower	Upper
165	100	
63	52.2	41.9 62.9
89	56.3	44.0 66.0



#52

Acenaphthene

Concen: 21.870 ng

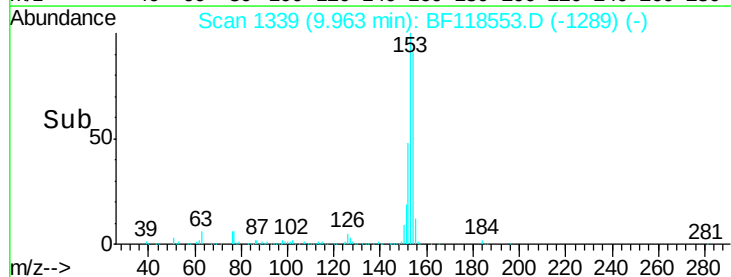
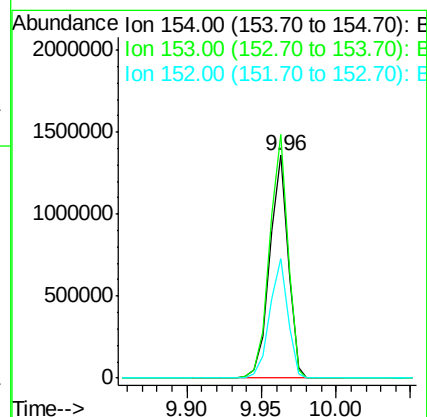
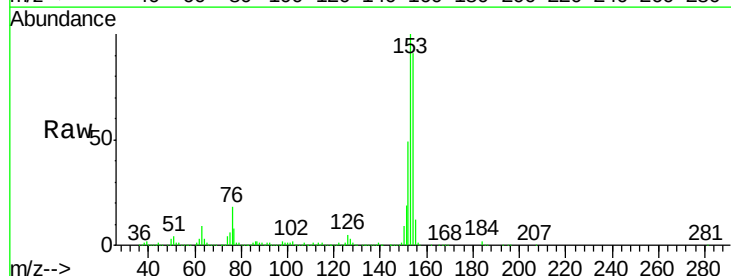
RT: 9.96 min Scan# 1339

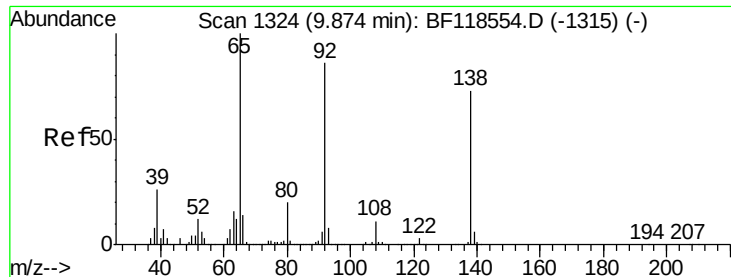
Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Tgt Ion:154	Resp:	1148321
Ion Ratio	Lower	Upper
154	100	
153	109.4	87.0 130.4
152	53.9	43.8 65.8

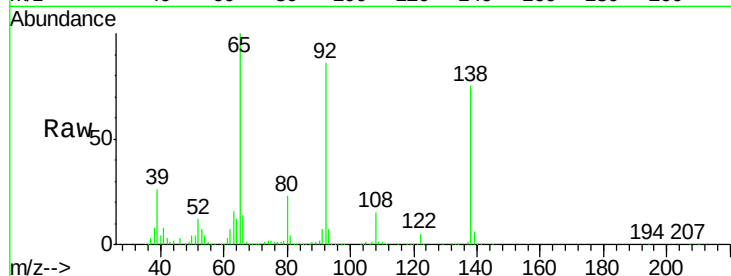




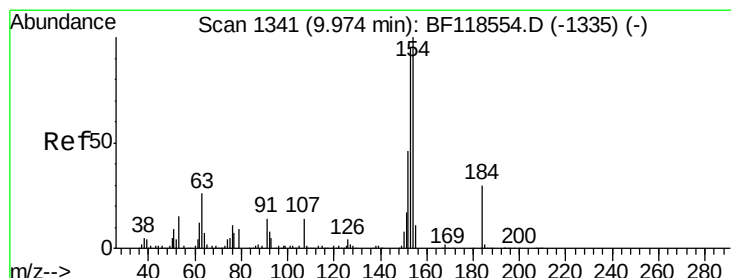
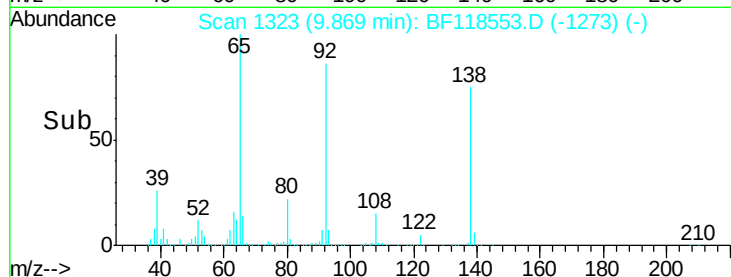
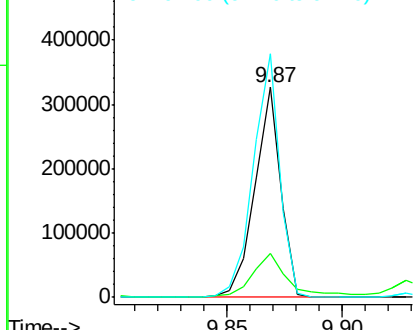
#53
3-Nitroaniline
Concen: 14.891 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 257332
Ion Ratio Lower Upper
138 100
108 20.7 12.2 18.4#
92 115.9 94.2 141.2

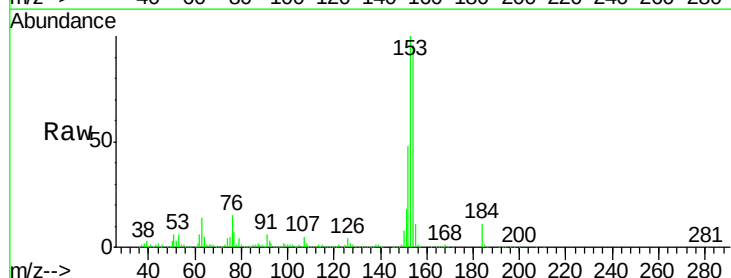


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

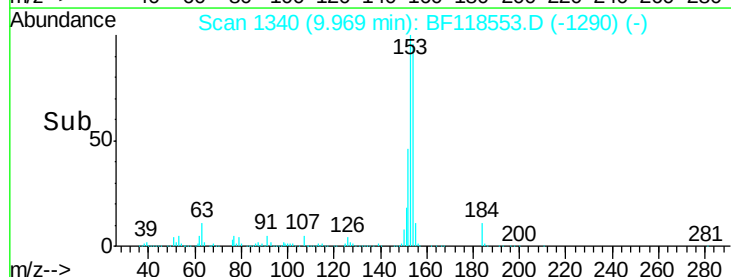
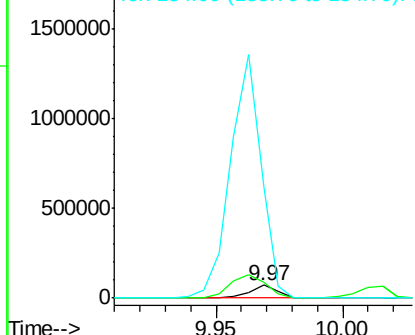


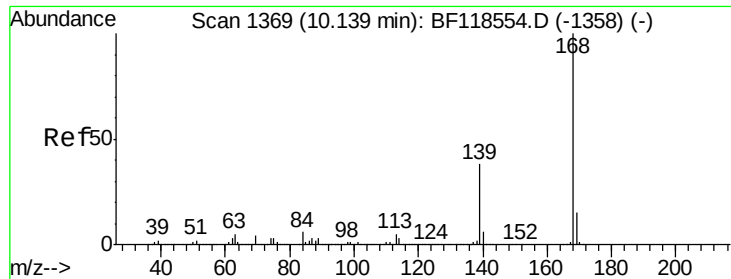
#54
2,4-Dinitrophenol
Concen: 9.815 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:184 Resp: 54766
Ion Ratio Lower Upper
184 100
63 124.7 69.4 104.0#
154 850.3 268.5 402.7#



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

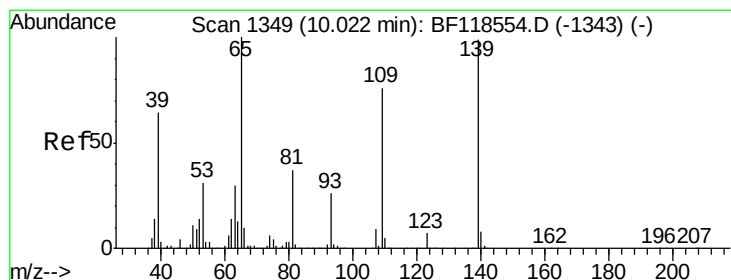
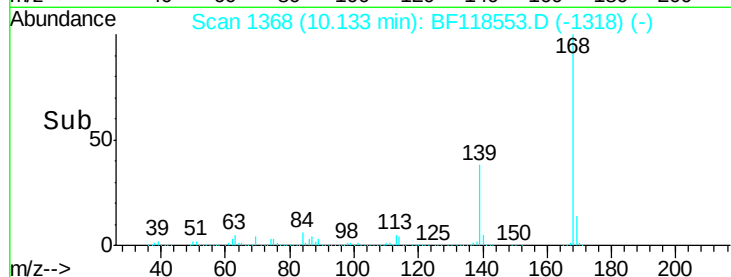
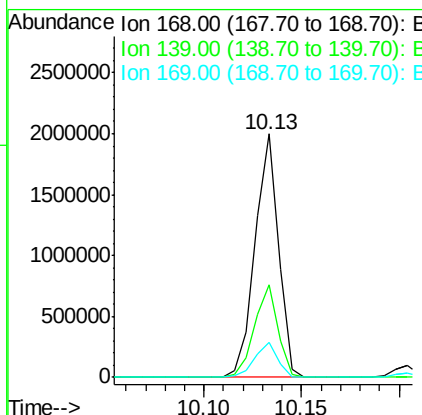
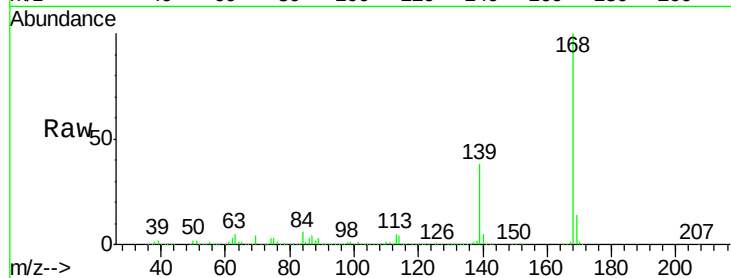




#55
Dibenzofuran
Concen: 21.918 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

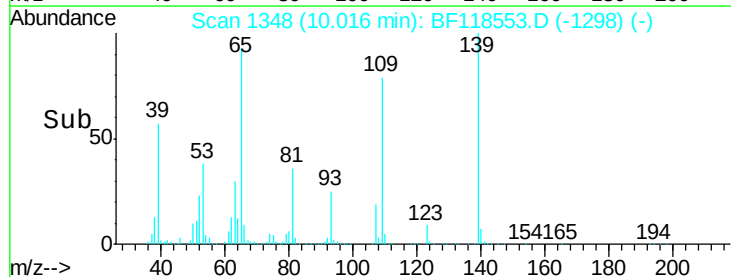
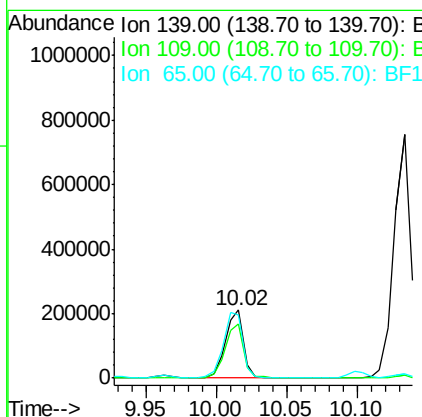
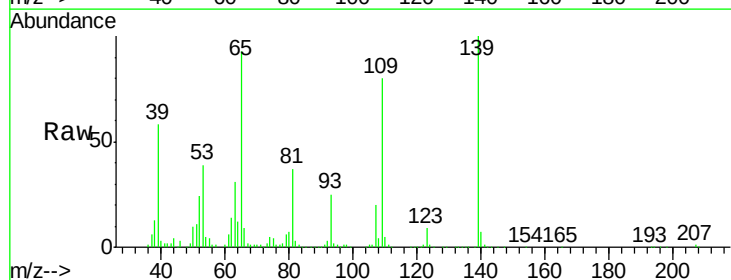
Instrument :
BNA_F
ClientSampleId :

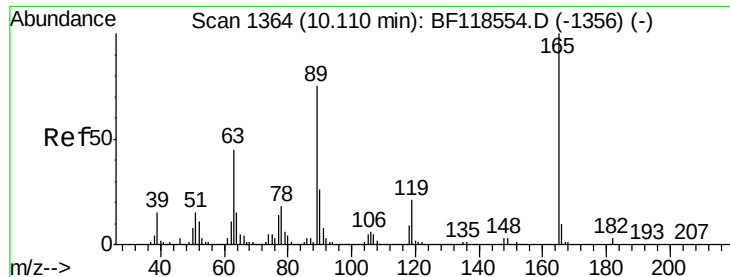
Tot Ion:168 Resp: 1669933
Ion Ratio Lower Upper
168 100
139 37.8 30.6 46.0
169 14.3 11.9 17.9



#56
4-Nitrophenol
Concen: 23.577 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:139 Resp: 186756
Ion Ratio Lower Upper
139 100
109 79.7 56.9 96.9
65 93.2 81.7 121.7





#57

2,4-Dinitrotoluene

Concen: 13.135 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 250840

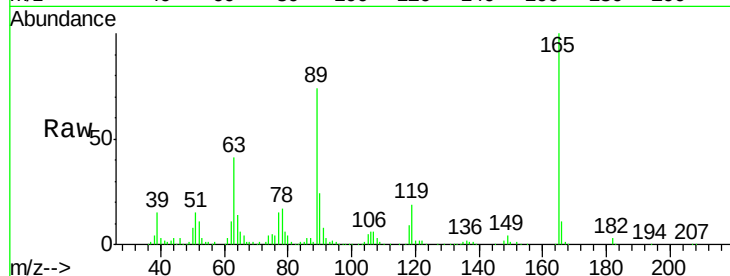
Ion Ratio Lower Upper

165 100

63 41.5 35.8 53.6

89 74.5 59.9 89.9

182 2.9 2.2 3.2

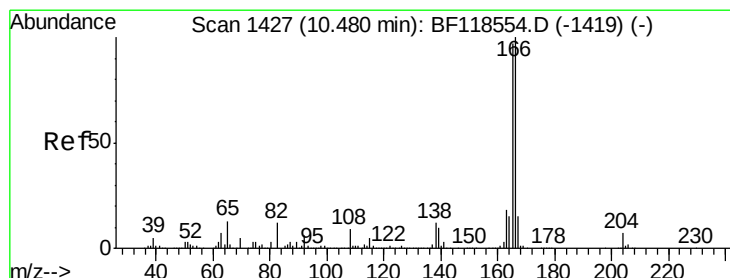
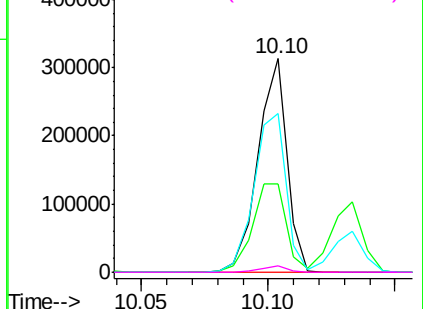
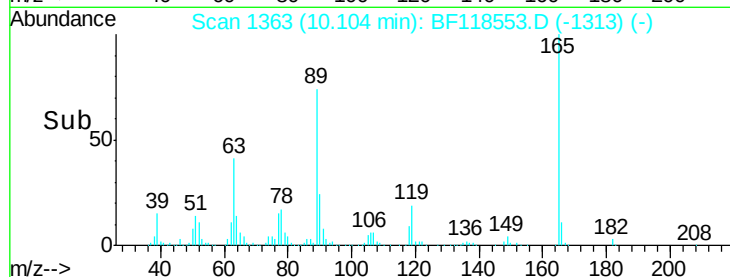


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 21.863 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

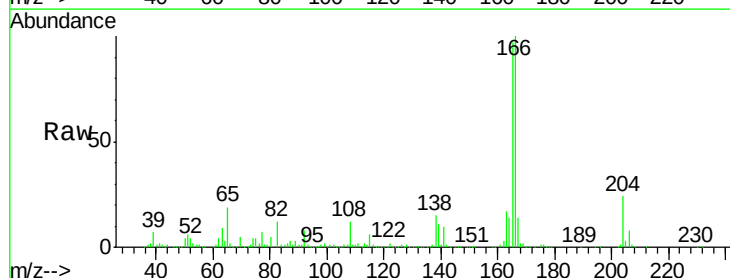
Tgt Ion:166 Resp: 1353062

Ion Ratio Lower Upper

166 100

165 96.6 77.8 116.8

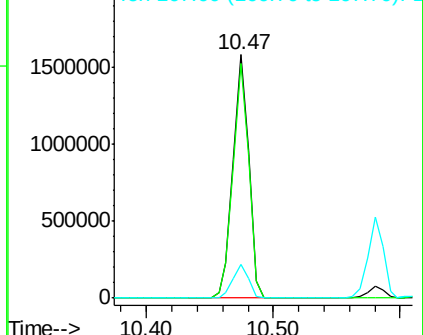
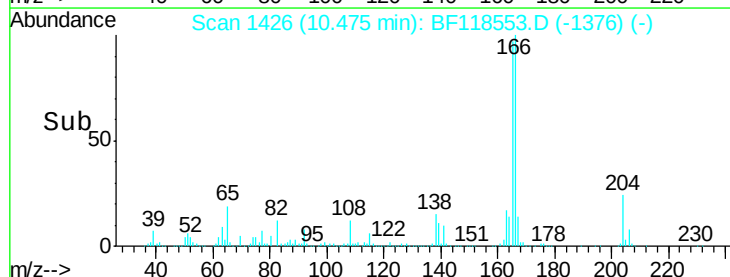
167 13.7 11.7 17.5

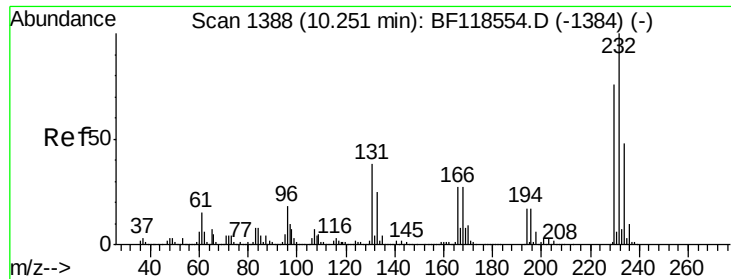


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

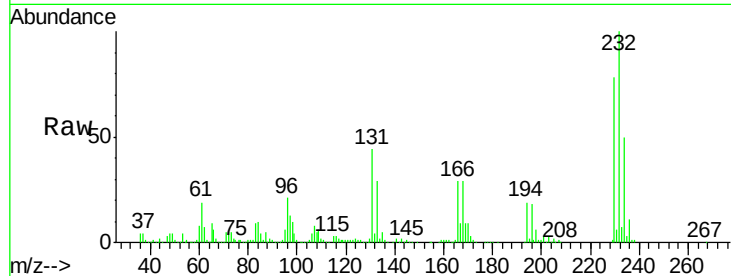




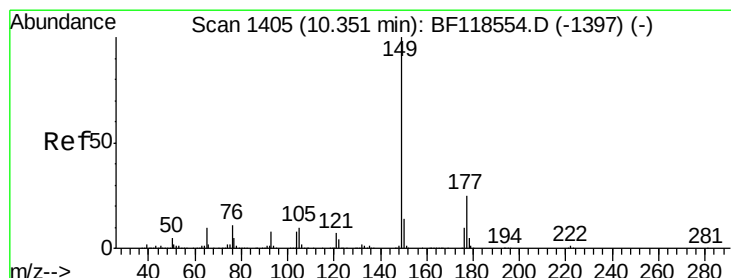
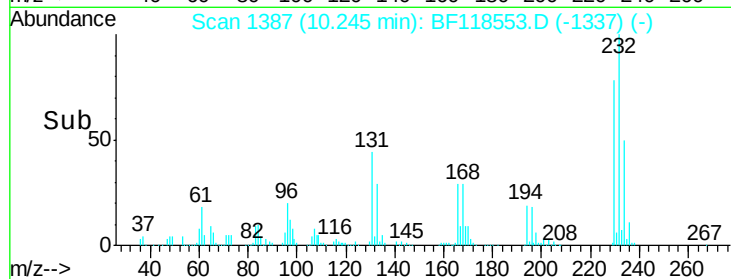
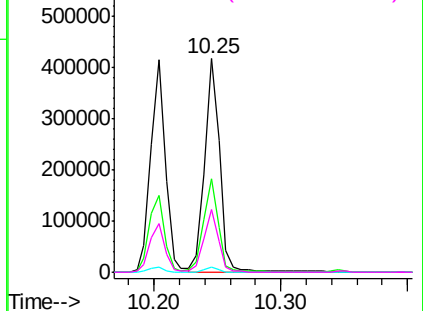
#59
2,3,4,6-Tetrachlorophenol
Concen: 22.871 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	341446
Ion	Ratio	Lower	Upper
232	100		
131	43.3	32.3	48.5
130	2.2	1.7	2.5
166	28.5	22.2	33.2

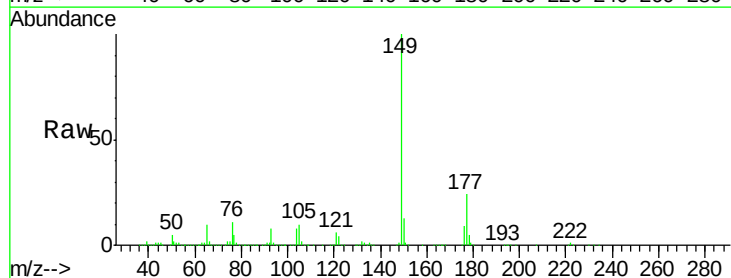


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

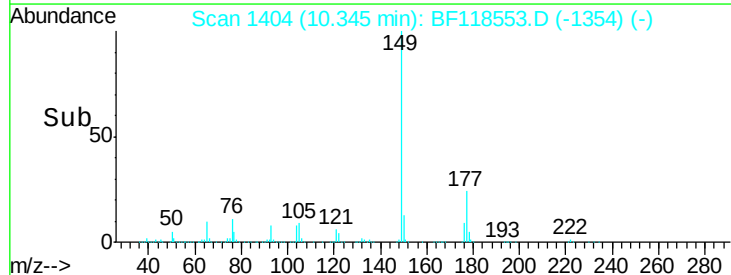
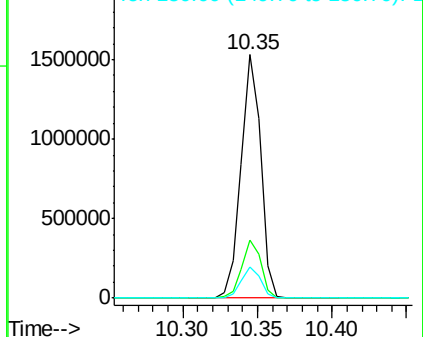


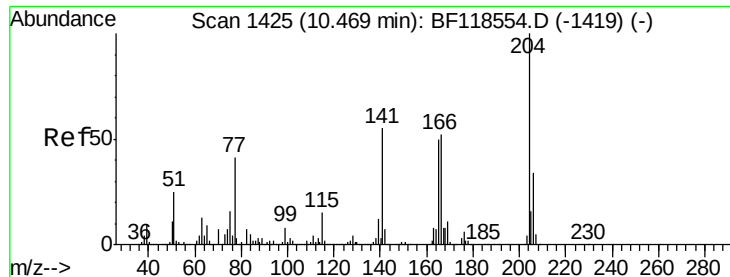
#60
Diethylphthalate
Concen: 20.811 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:	149	Resp:	1409062
Ion	Ratio	Lower	Upper
149	100		
177	24.0	20.2	30.4
150	13.0	11.0	16.4



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





#61

4-Chlorophenyl-phenylether

Concen: 23.340 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampled :

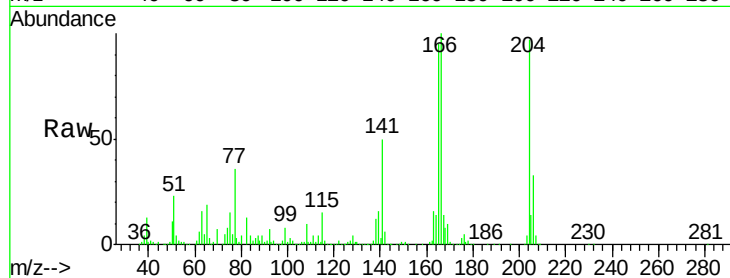
Tot Ion:204 Resp: 726742

Ion Ratio Lower Upper

204 100

206 33.7 27.1 40.7

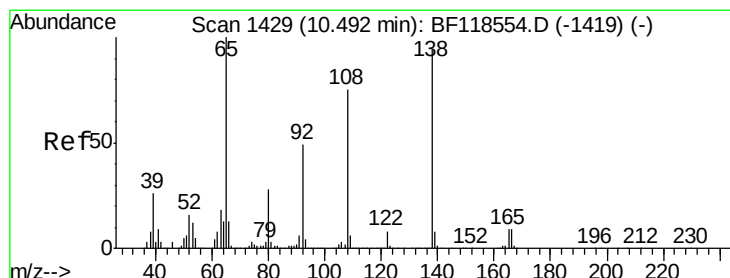
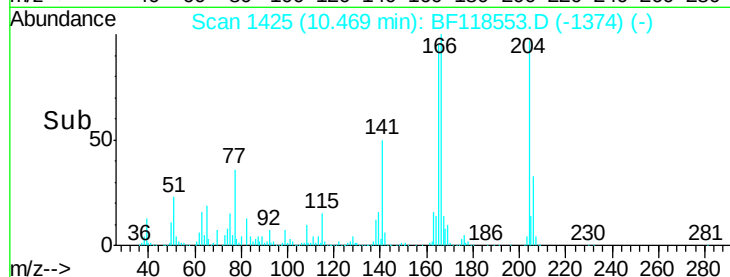
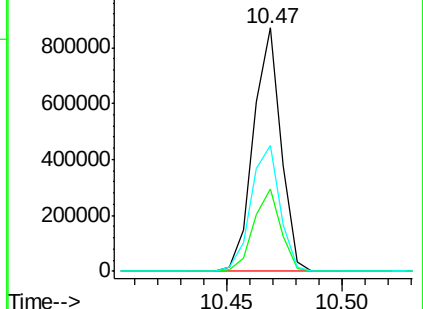
141 51.9 44.4 66.6



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: 15.417 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

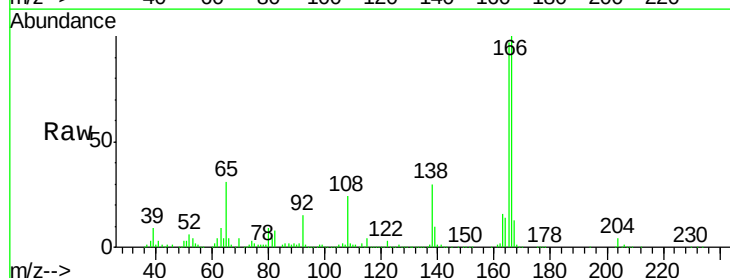
Tgt Ion:138 Resp: 263083

Ion Ratio Lower Upper

138 100

92 50.1 31.7 71.7

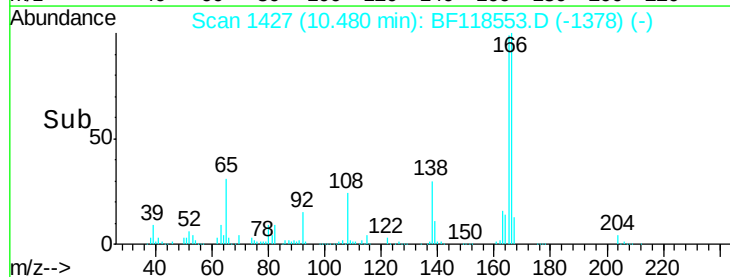
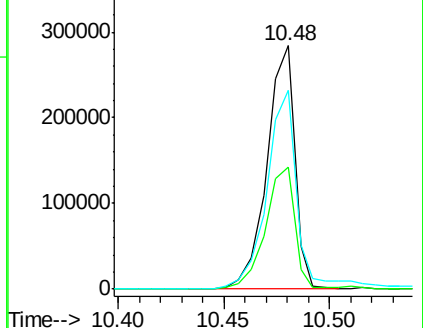
108 81.8 59.6 99.6

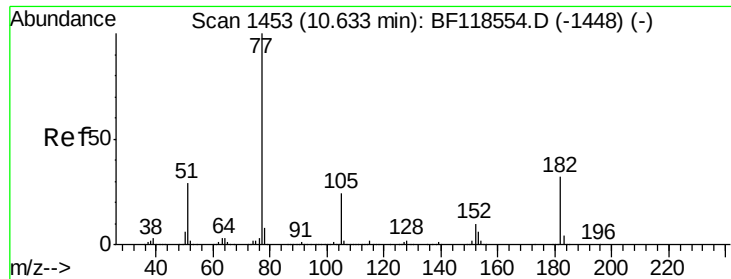


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 24.727 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

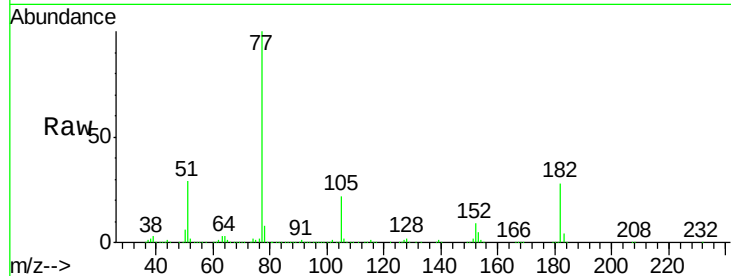
Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampled :



Tot Ion: 77 Resp: 1386686

Ion Ratio Lower Upper

77 100

182 28.1 11.7 51.7

105 21.7 3.6 43.6

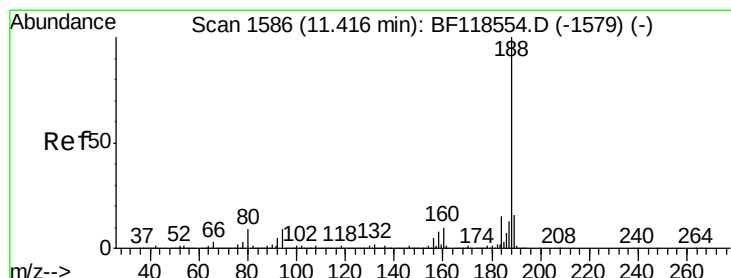
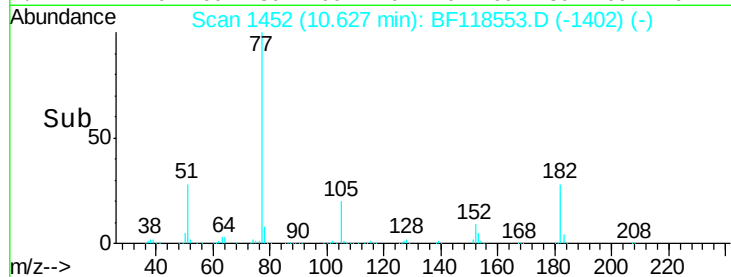
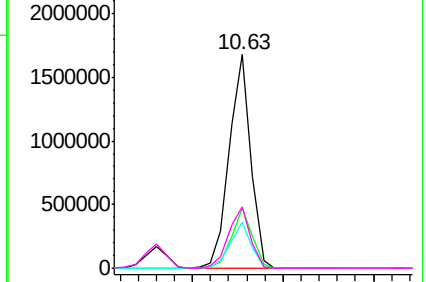
51 28.7 9.0 49.0

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

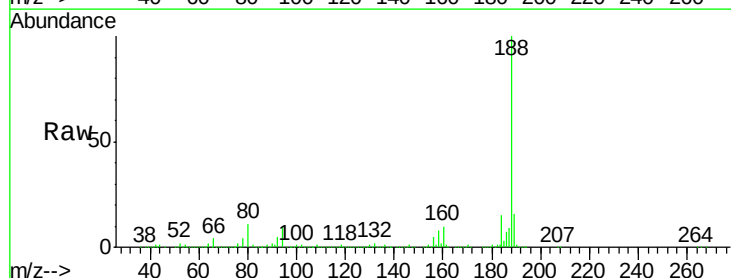
Tgt Ion: 188 Resp: 1669039

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

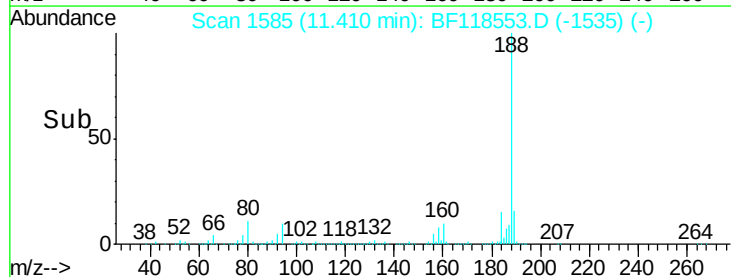
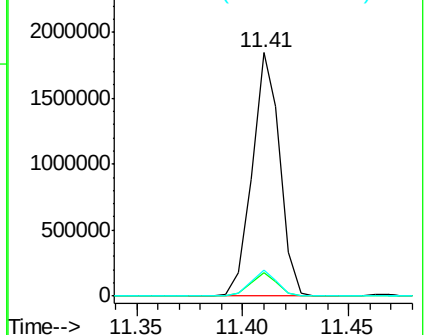
80 10.9 7.4 11.2

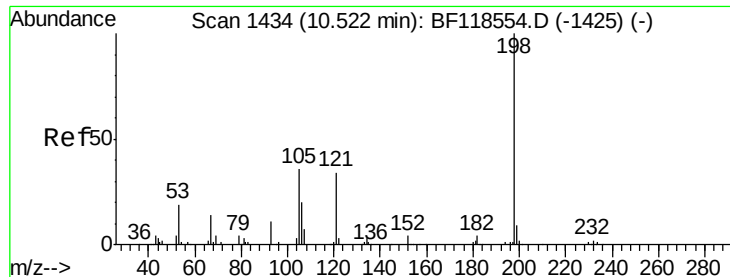


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

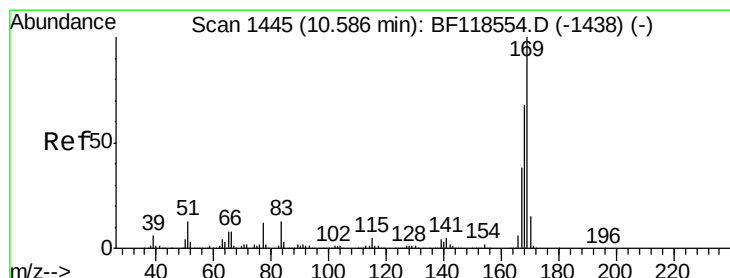
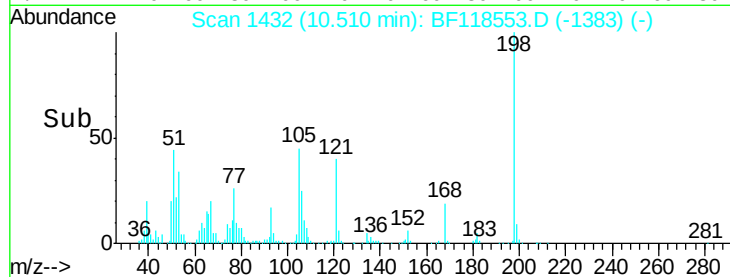
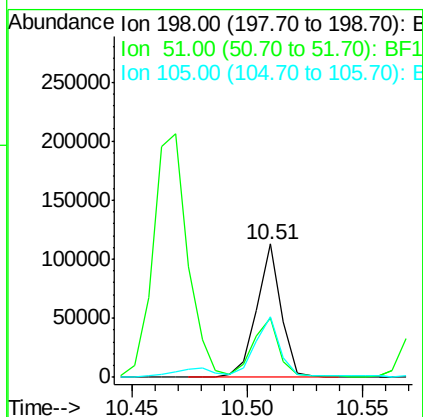
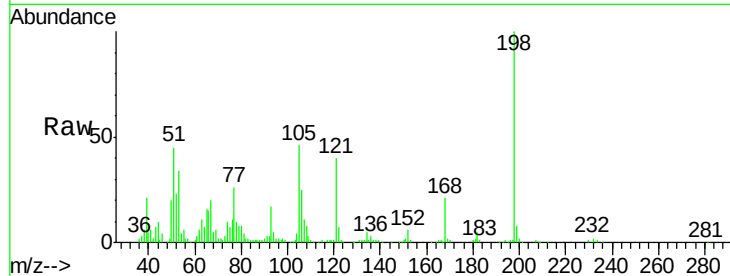




#65
4,6-Dinitro-2-methylphenol
Concen: 9.506 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

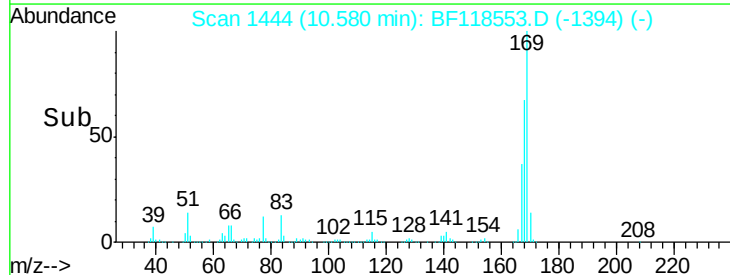
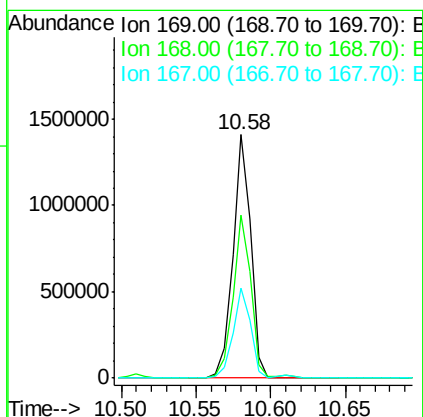
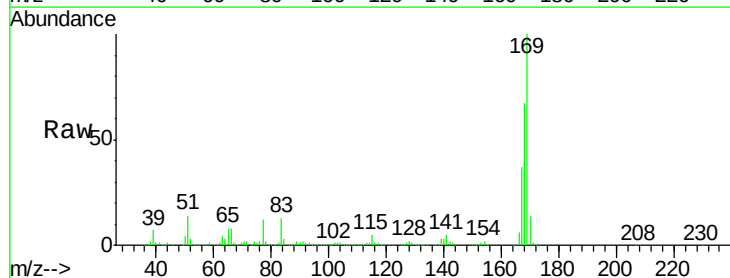
Instrument :
BNA_F
ClientSampled :

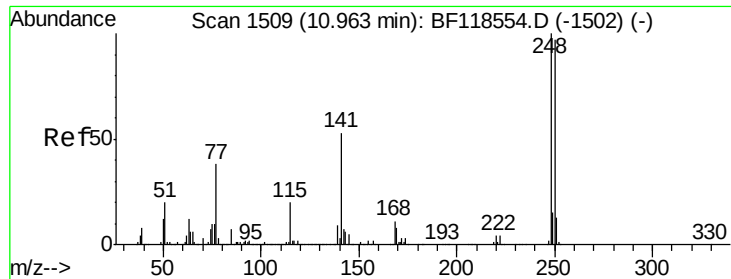
Tot Ion:198 Resp: 83722
Ion Ratio Lower Upper
198 100
51 44.5 13.2 53.2
105 45.7 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 21.734 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:169 Resp: 1191008
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.4
167 37.2 30.5 45.7

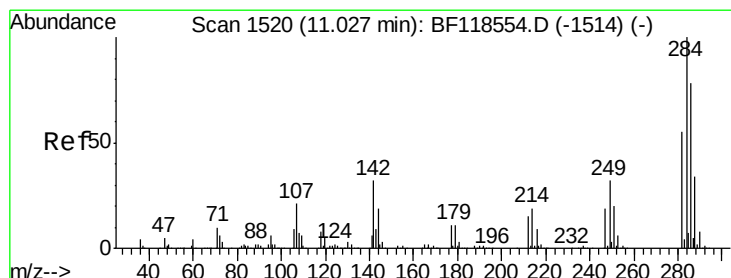
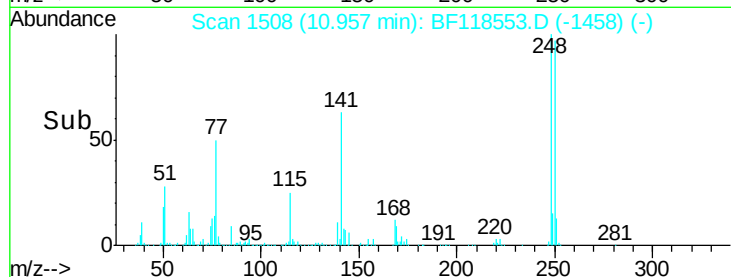
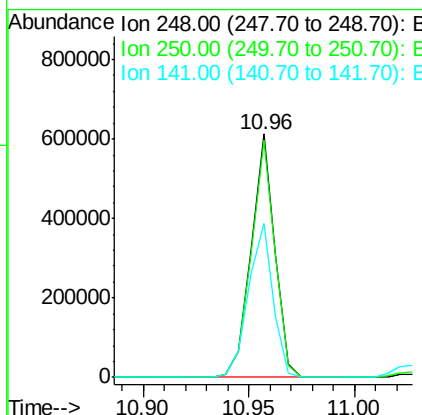
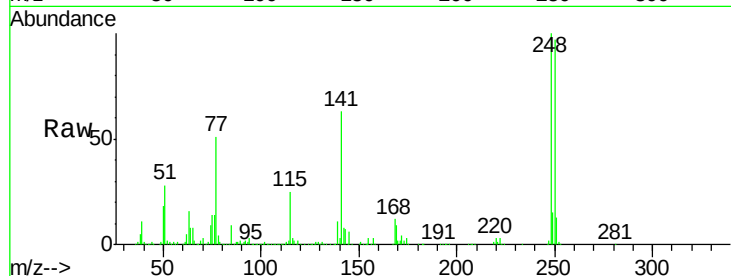




#67
4-Bromophenyl-phenylether
Concen: 23.716 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

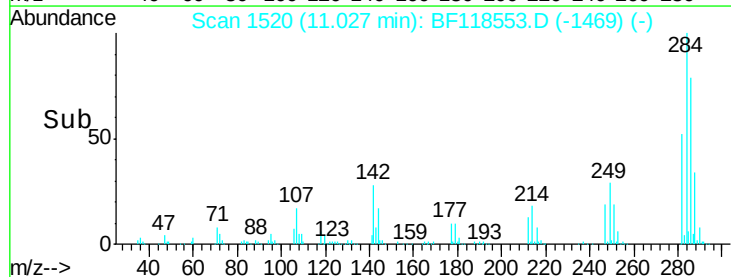
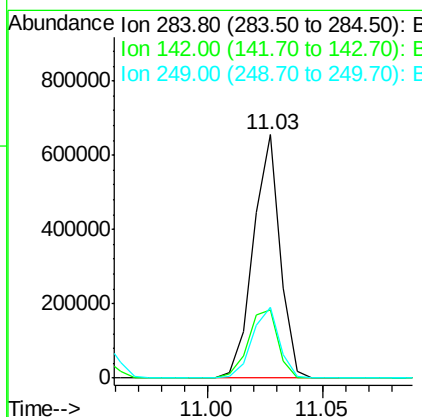
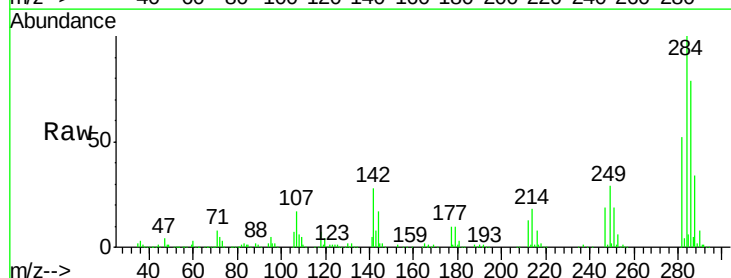
Instrument :
BNA_F
ClientSampled :

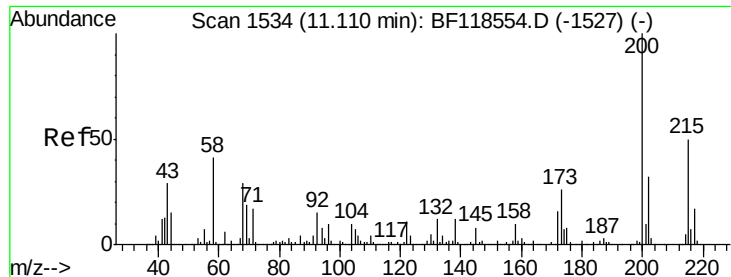
Tot Ion:248 Resp: 477173
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 63.2 42.7 64.1



#68
Hexachlorobenzene
Concen: 22.262 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:284 Resp: 531079
Ion Ratio Lower Upper
284 100
142 27.9 25.6 38.4
249 29.1 25.6 38.4

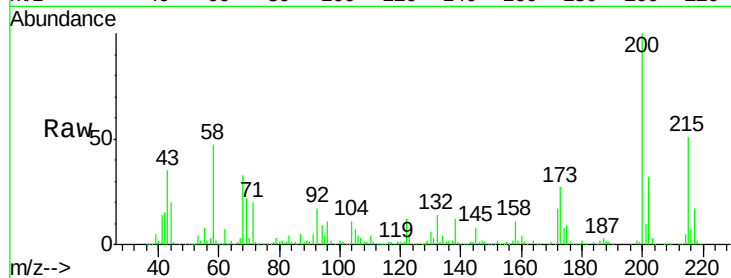




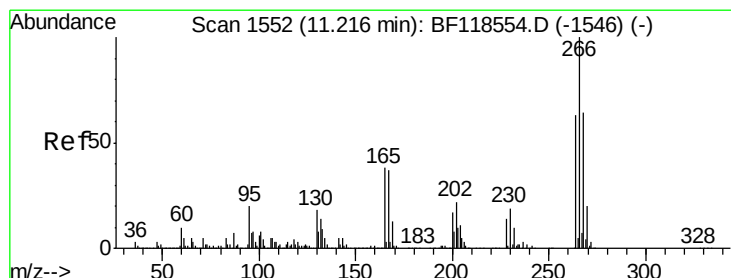
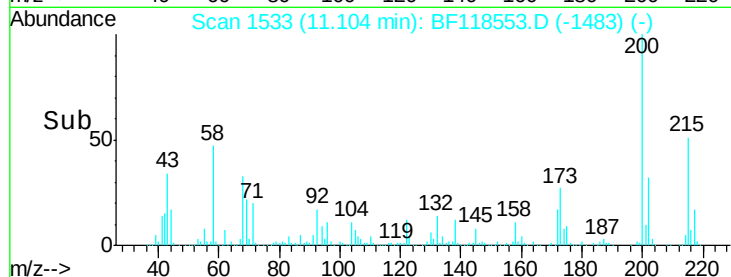
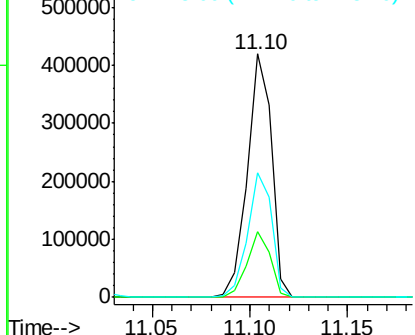
#69
Atrazine
Concen: 27.503 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 361416
Ion Ratio Lower Upper
200 100
173 27.0 5.8 45.8
215 50.9 29.8 69.8

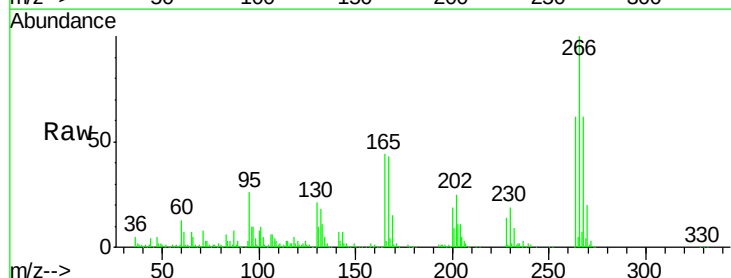


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

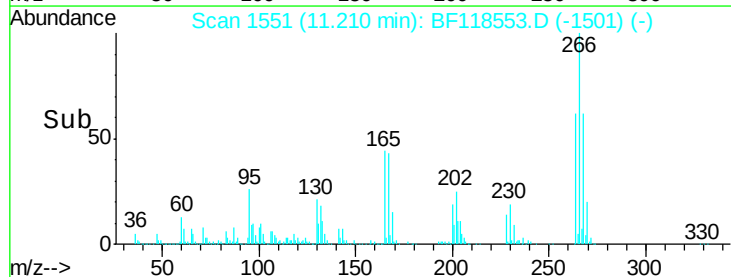
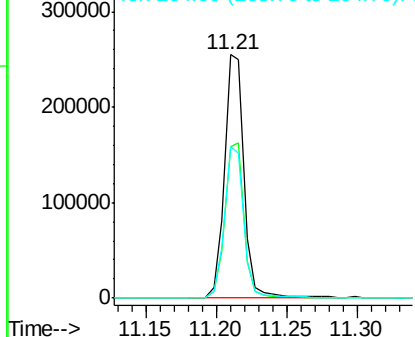


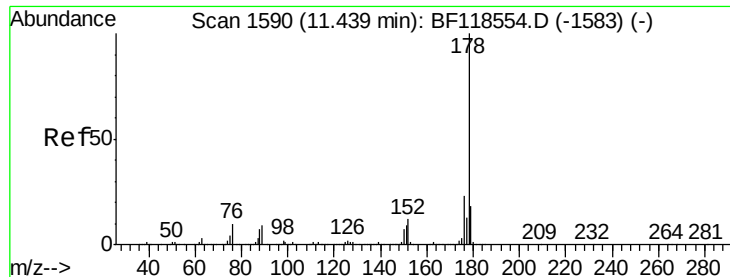
#70
Pentachlorophenol
Concen: 37.250 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:266 Resp: 245246
Ion Ratio Lower Upper
266 100
268 62.1 51.0 76.4
264 62.2 50.5 75.7



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

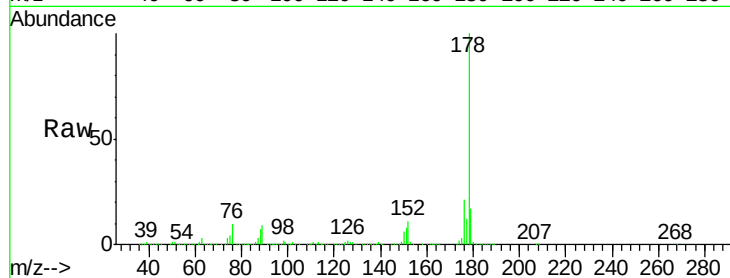




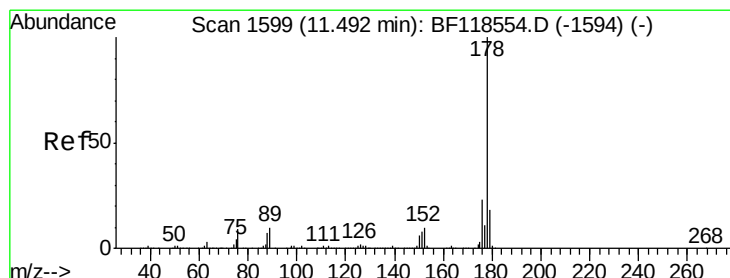
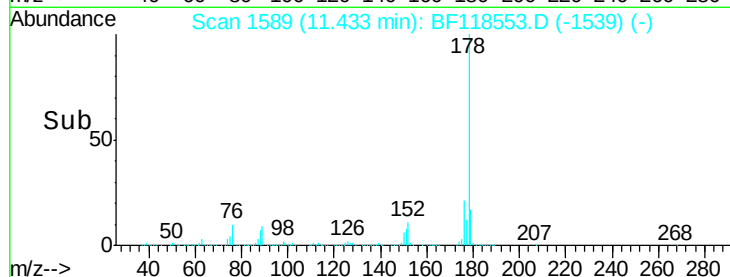
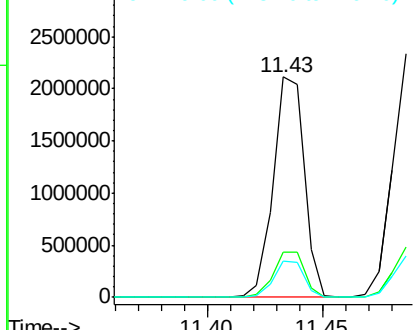
#71
Phenanthrene
Concen: 21.945 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1971680
Ion Ratio Lower Upper
178 100
176 20.8 18.6 28.0
179 16.6 14.6 22.0

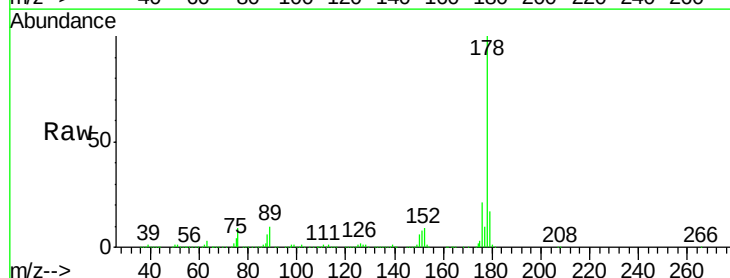


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

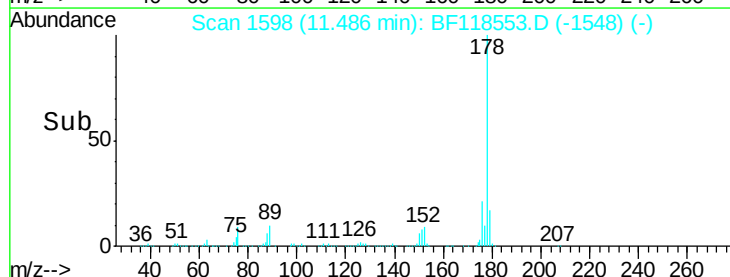
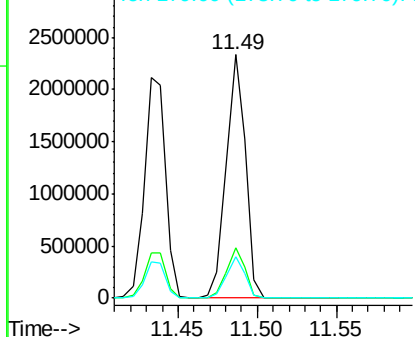


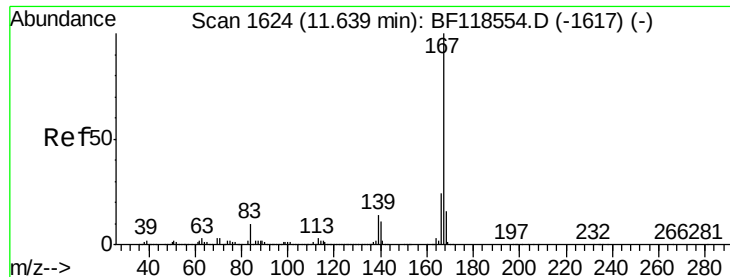
#72
Anthracene
Concen: 21.864 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:178 Resp: 1957893
Ion Ratio Lower Upper
178 100
176 20.5 18.1 27.1
179 17.0 14.7 22.1



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

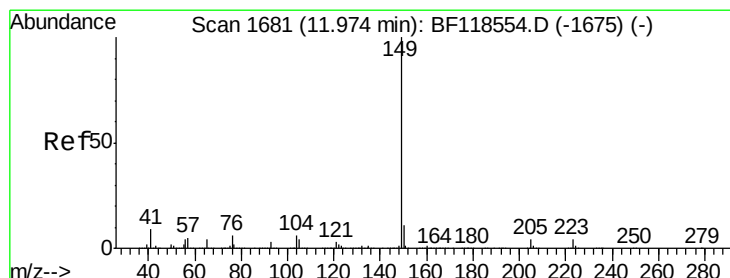
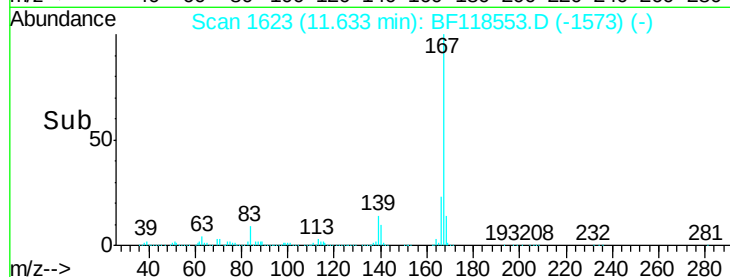
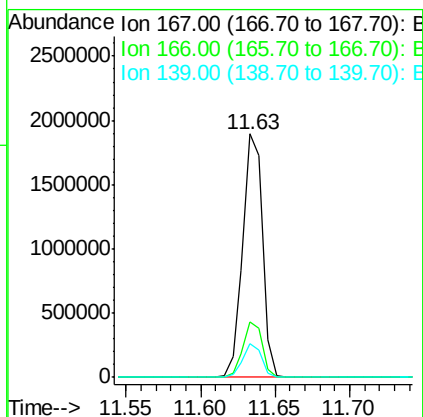
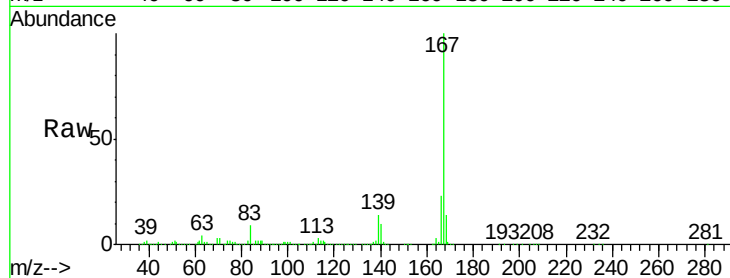




#73
 Carbazole
 Concen: 21.819 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF118553.D
 Acq: 17 Jan 2020 11:07

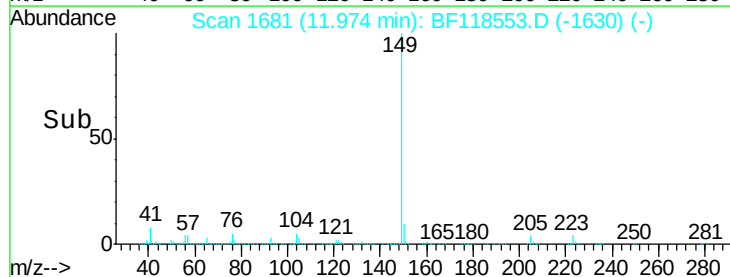
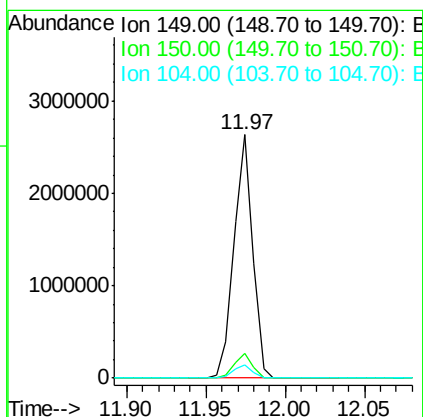
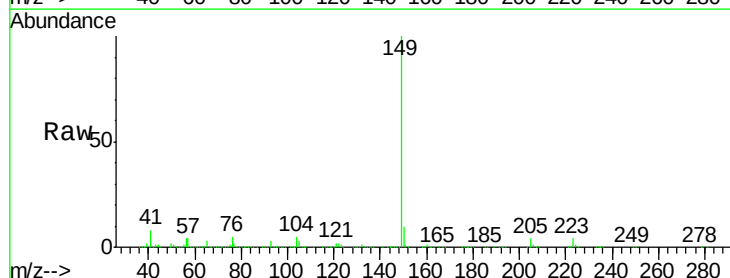
Instrument :
 BNA_F
 ClientSampleId :

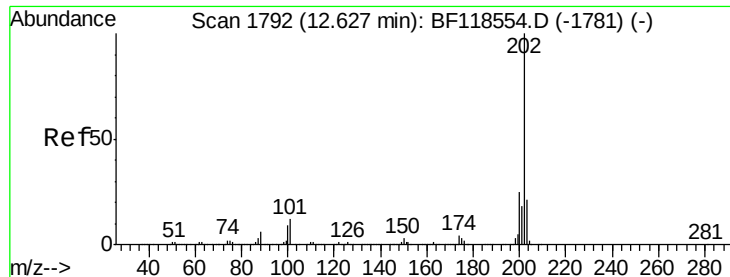
Tot Ion:167 Resp: 1745558
 Ion Ratio Lower Upper
 167 100
 166 22.8 19.5 29.3
 139 13.6 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 20.886 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118553.D
 Acq: 17 Jan 2020 11:07

Tgt Ion:149 Resp: 2161131
 Ion Ratio Lower Upper
 149 100
 150 10.3 9.0 13.6
 104 5.5 5.0 7.4





#75

Fluoranthene

Concen: 23.064 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

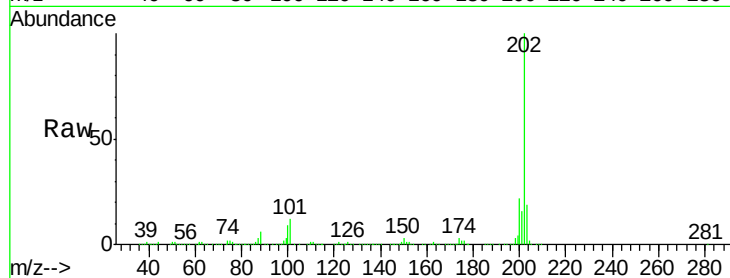
Tot Ion:202 Resp: 2070049

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.9

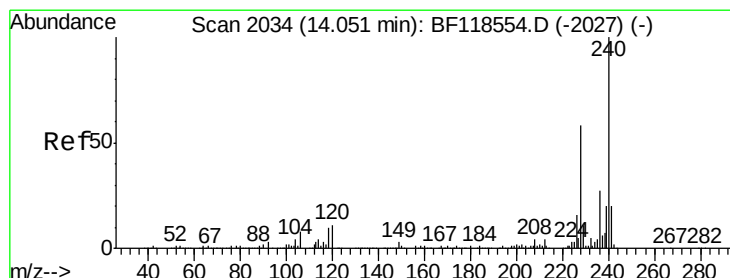
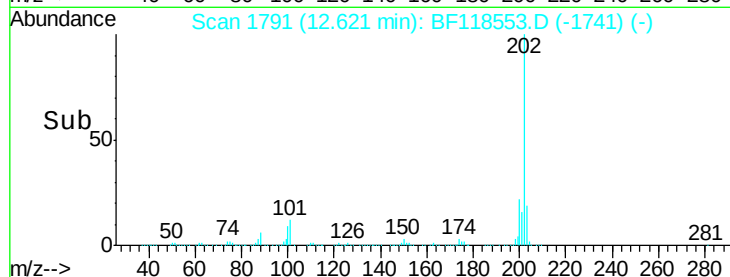
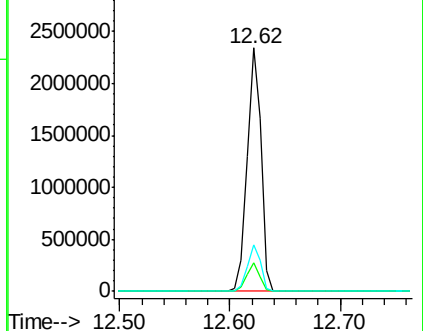
203 19.1 0.9 40.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

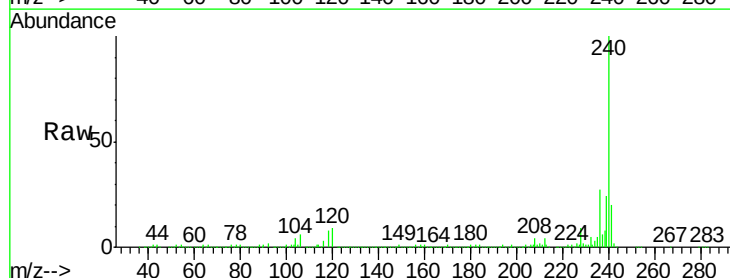
Tgt Ion:240 Resp: 1292104

Ion Ratio Lower Upper

240 100

120 9.1 8.7 13.1

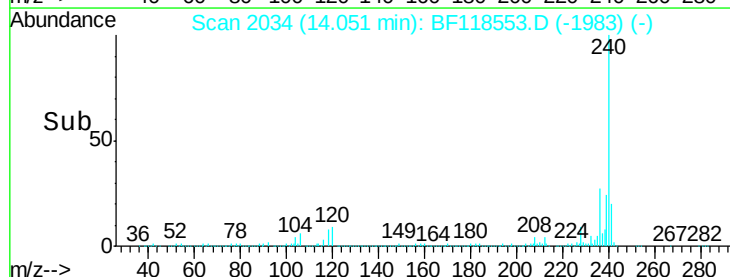
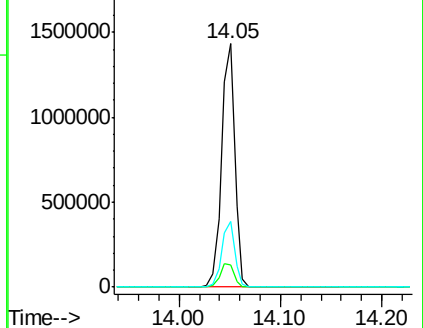
236 26.8 21.8 32.8

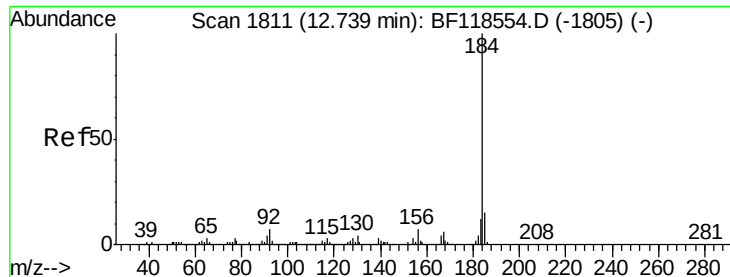


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.447 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

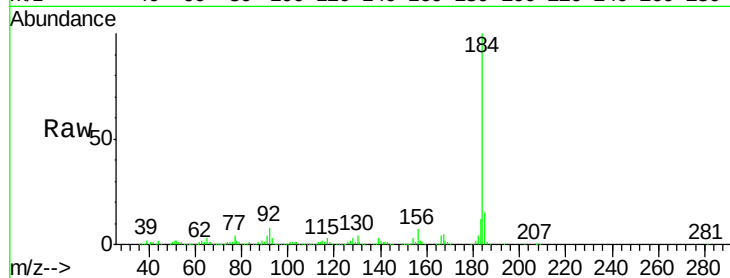
Tot Ion:184 Resp: 647358

Ion Ratio Lower Upper

184 100

185 14.7 12.3 18.5

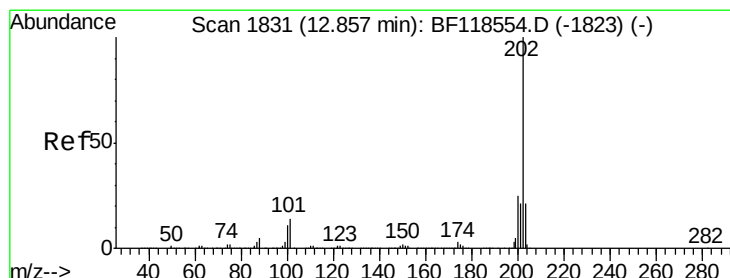
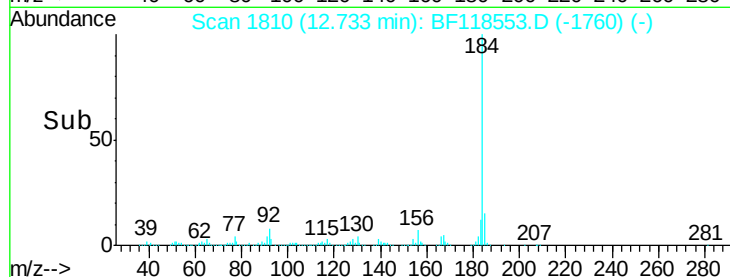
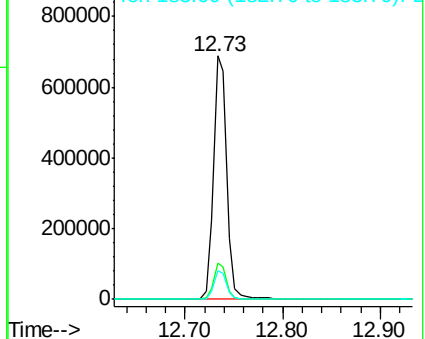
183 11.8 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 19.193 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

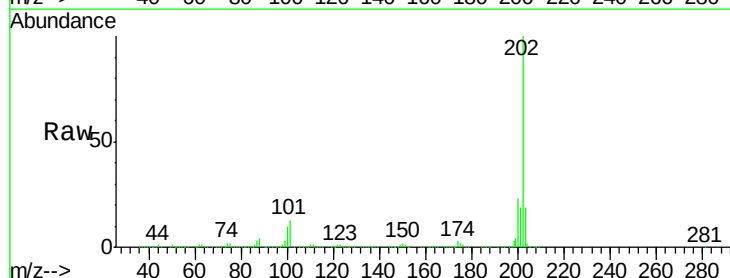
Tgt Ion:202 Resp: 2095557

Ion Ratio Lower Upper

202 100

200 22.6 20.2 30.4

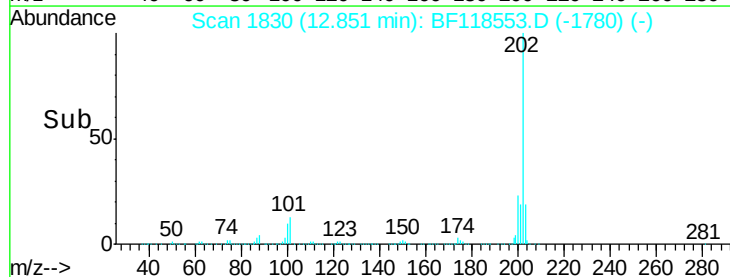
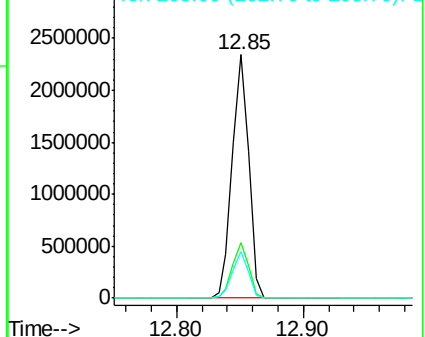
203 19.0 16.6 25.0

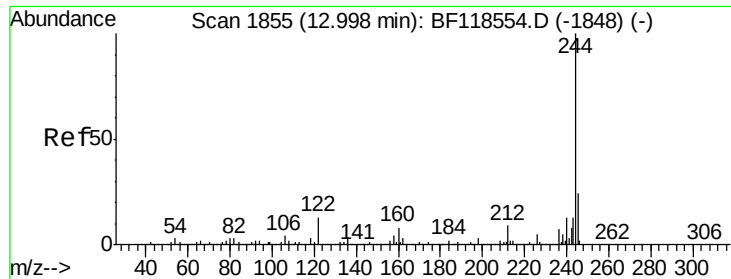


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 39.174 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

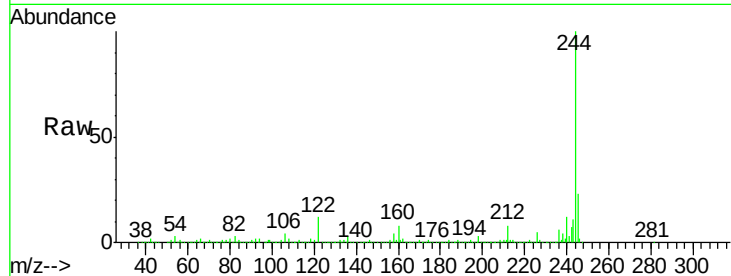
Tot Ion:244 Resp: 3054171

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

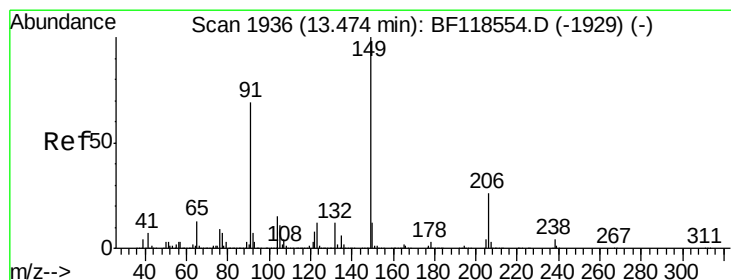
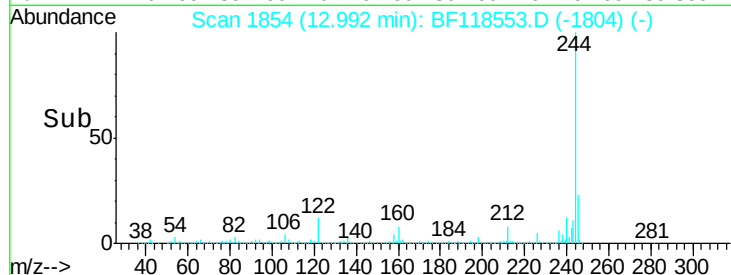
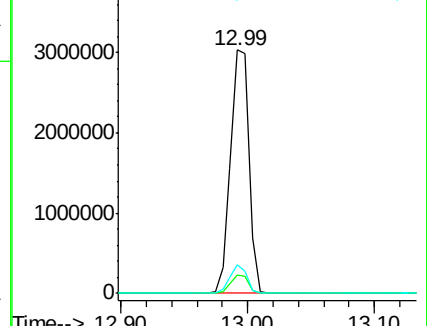
122 11.9 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 17.105 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

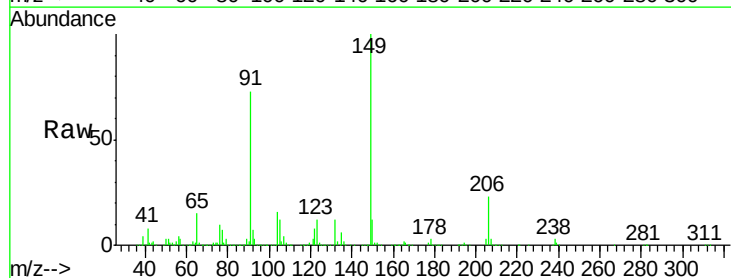
Tgt Ion:149 Resp: 835986

Ion Ratio Lower Upper

149 100

91 72.7 55.5 83.3

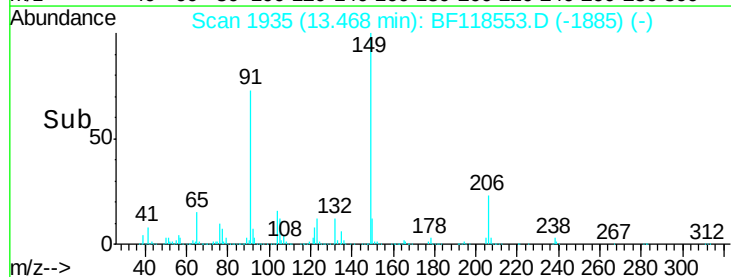
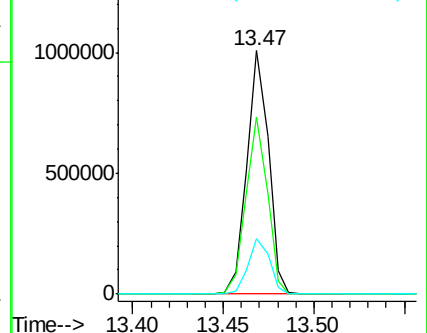
206 22.7 20.7 31.1

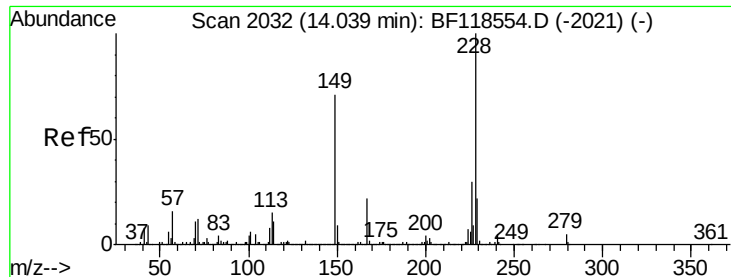


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

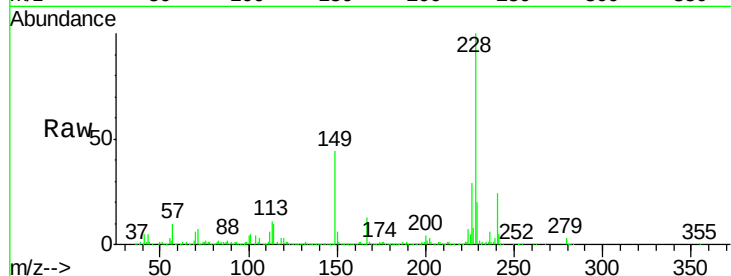




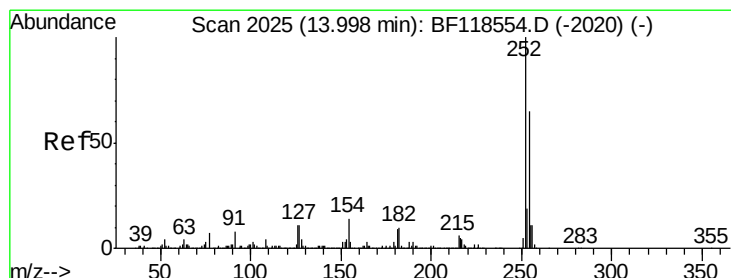
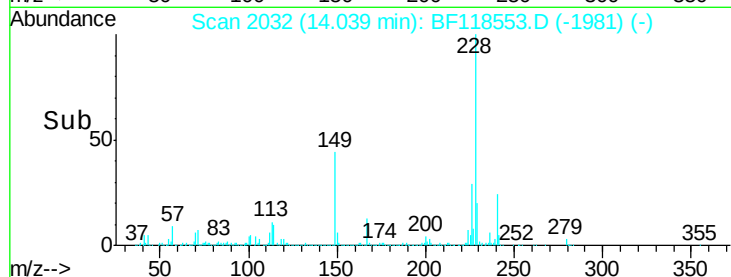
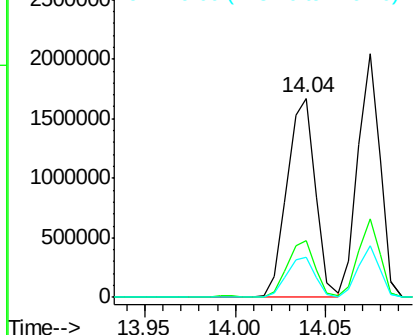
#81
Benzo(a)anthracene
Concen: 20.489 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1835049
Ion Ratio Lower Upper
228 100
226 28.8 23.7 35.5
229 20.4 17.3 25.9

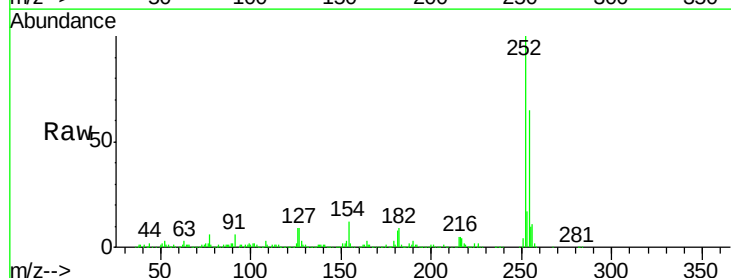


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

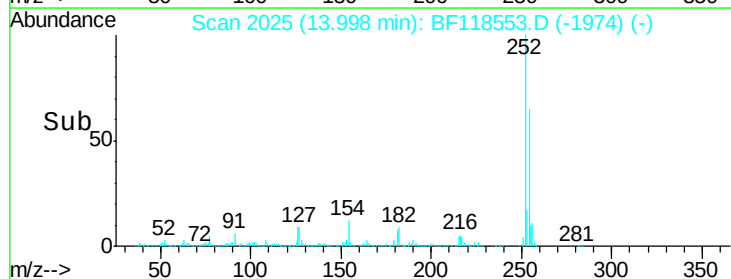
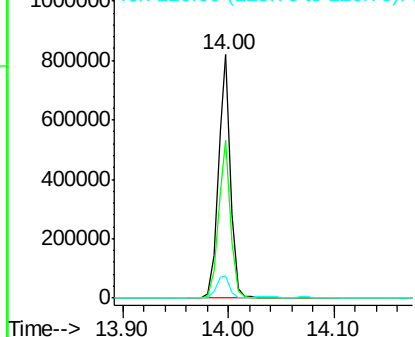


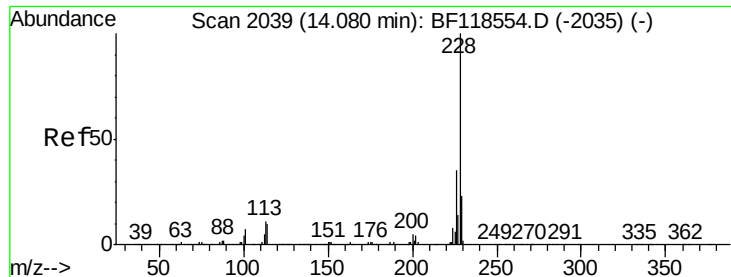
#82
3,3'-Dichlorobenzidine
Concen: 21.868 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:252 Resp: 665003
Ion Ratio Lower Upper
252 100
254 64.9 52.0 78.0
126 9.3 9.1 13.7



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

Chrysene

Concen: 20.271 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampled :

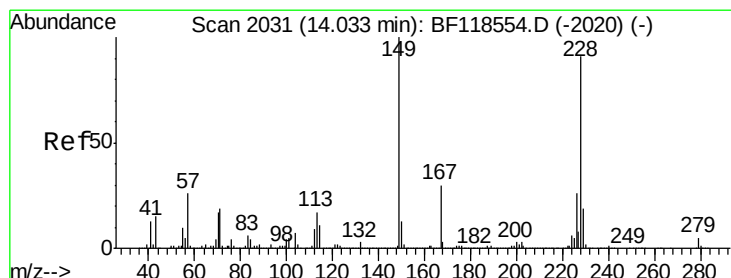
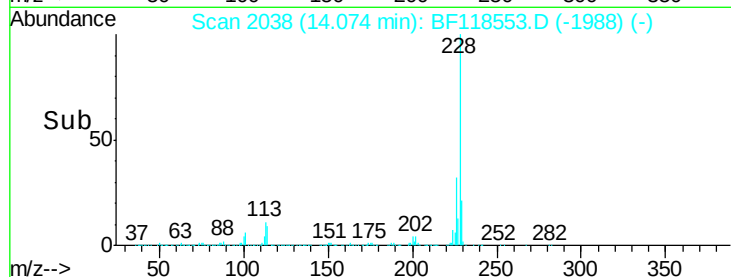
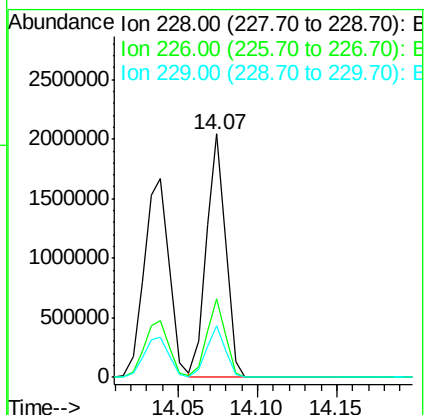
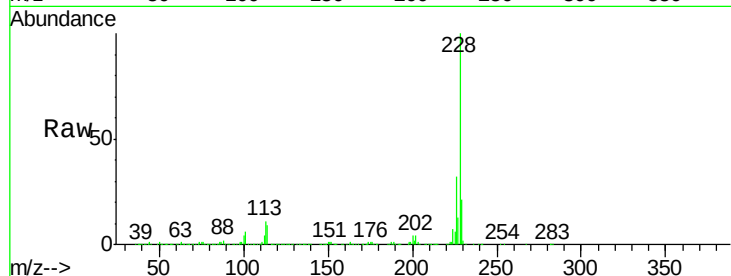
Tot Ion:228 Resp: 1740141

Ion Ratio Lower Upper

228 100

226 32.1 28.2 42.2

229 21.3 18.2 27.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 17.058 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

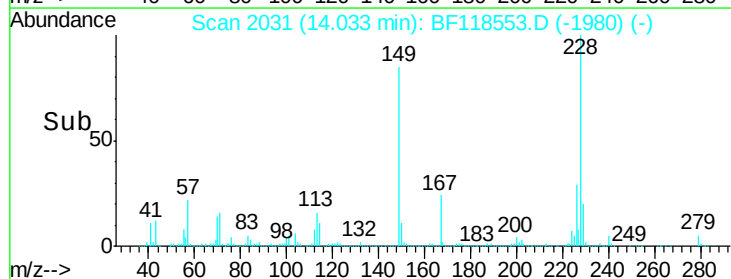
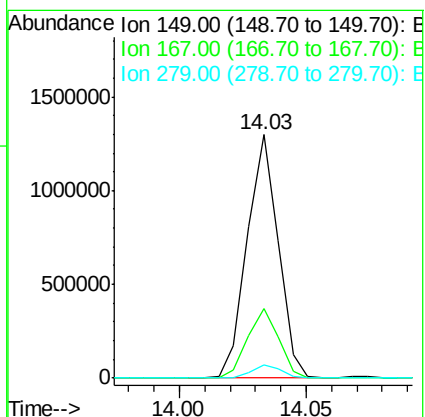
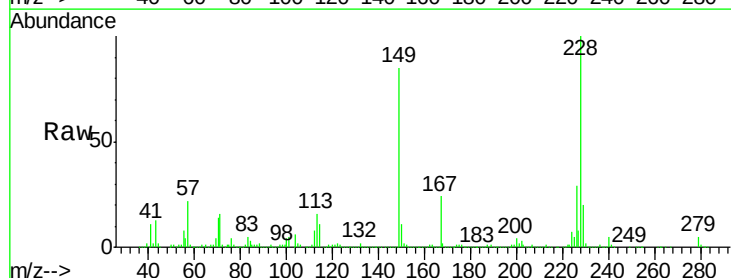
Tgt Ion:149 Resp: 1113796

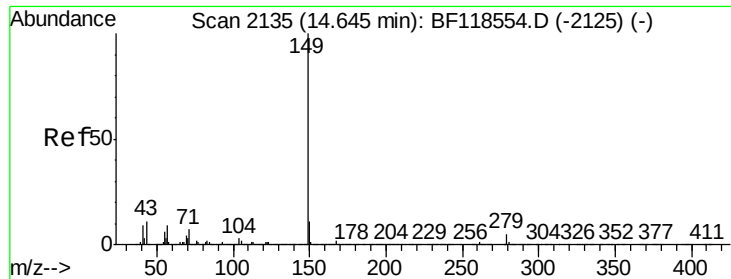
Ion Ratio Lower Upper

149 100

167 28.8 23.9 35.9

279 5.4 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 17.184 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampled :

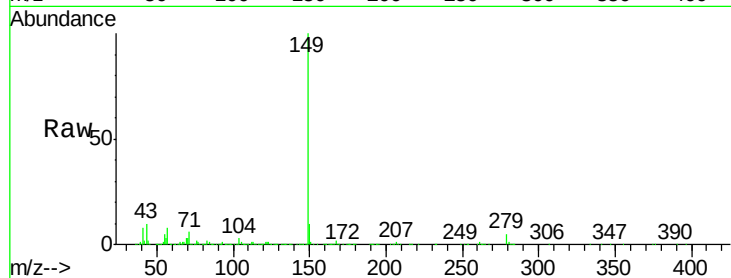
Tot Ion:149 Resp: 1678877

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

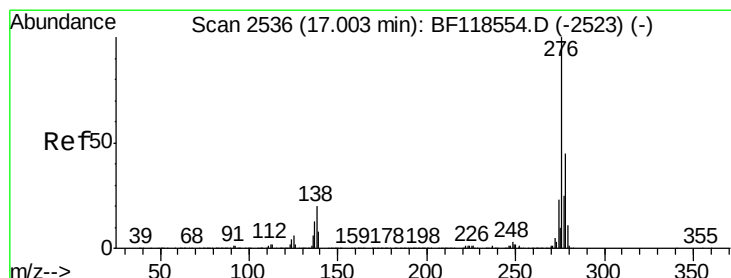
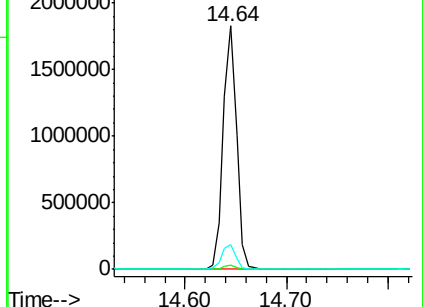
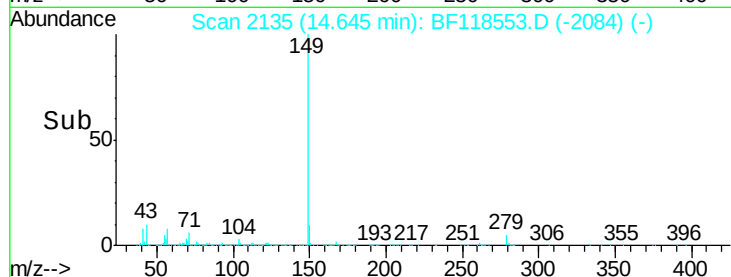
43 10.4 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 16.466 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

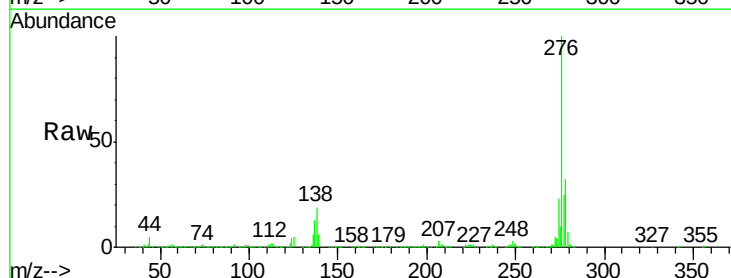
Tgt Ion:276 Resp: 1328312

Ion Ratio Lower Upper

276 100

138 21.7 17.3 25.9

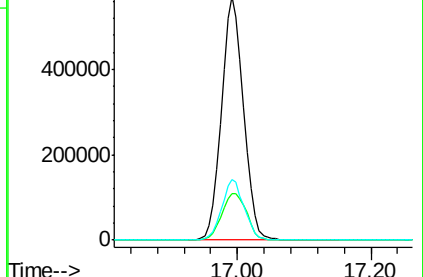
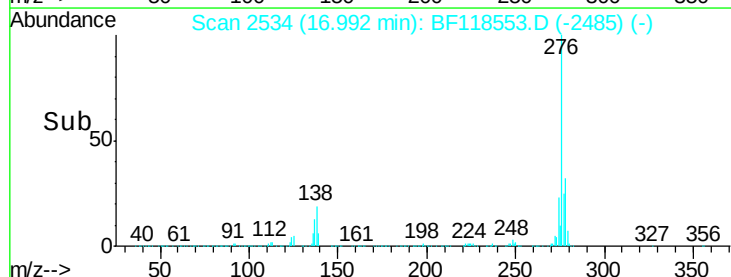
277 25.3 20.5 30.7

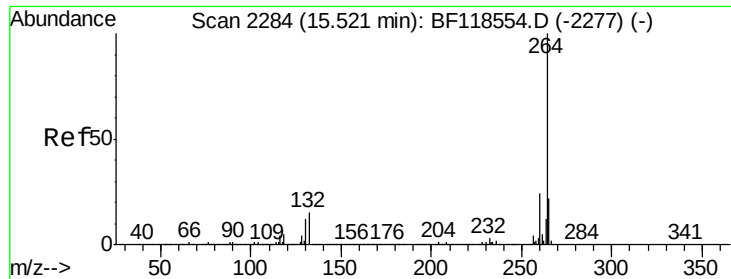


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampled :

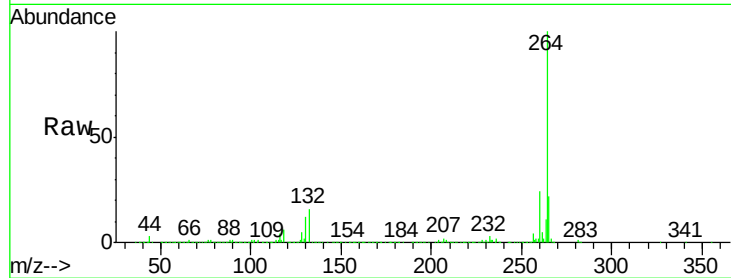
Tot Ion:264 Resp: 1132971

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

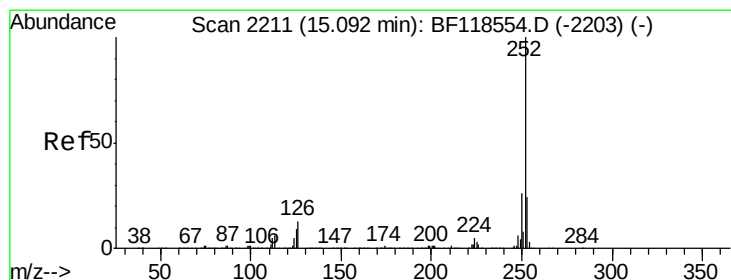
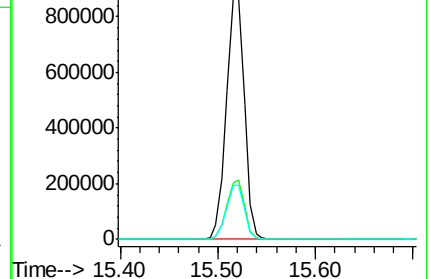
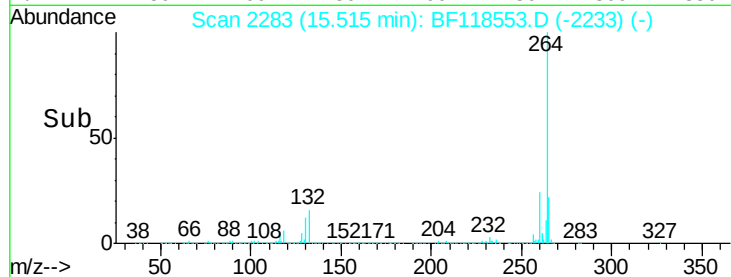
265 22.2 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 22.486 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

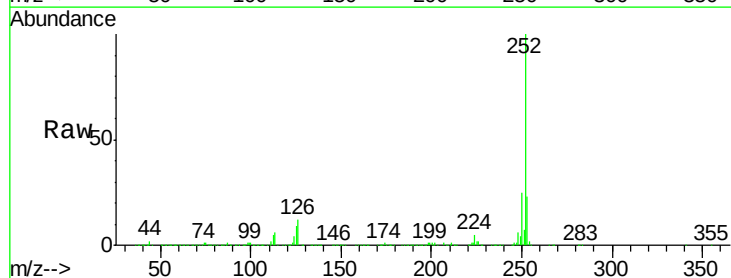
Tgt Ion:252 Resp: 1632694

Ion Ratio Lower Upper

252 100

253 22.8 19.1 28.7

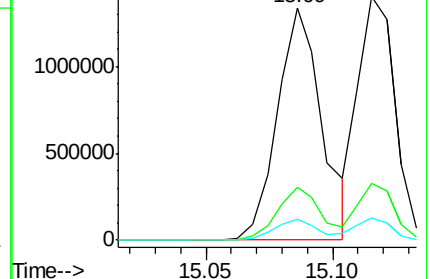
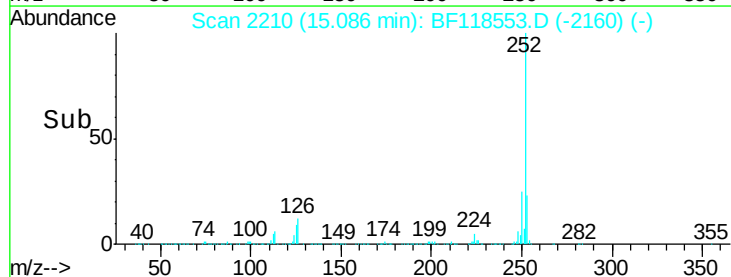
125 9.0 7.5 11.3

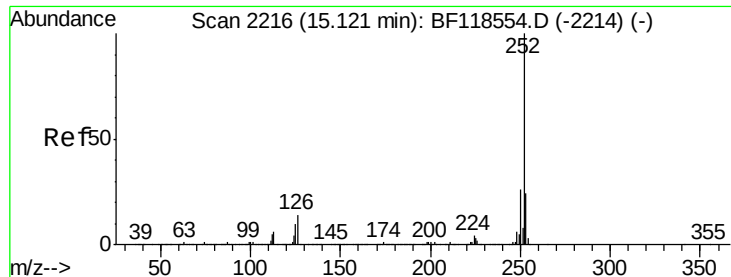


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

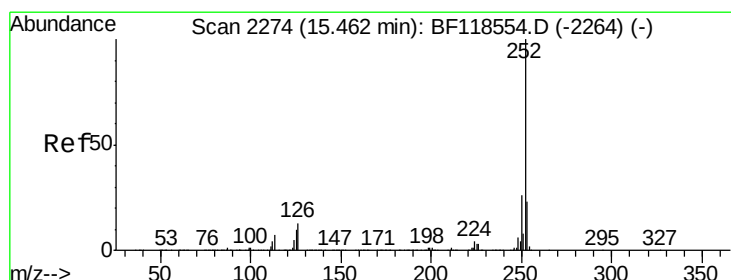
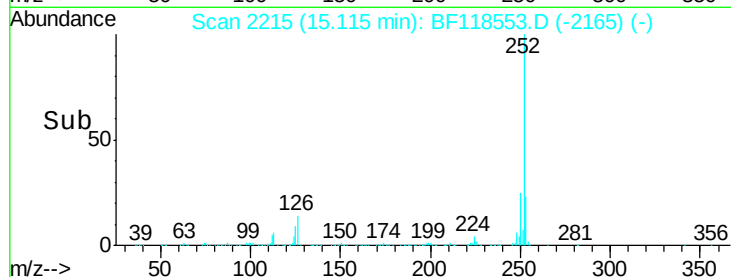
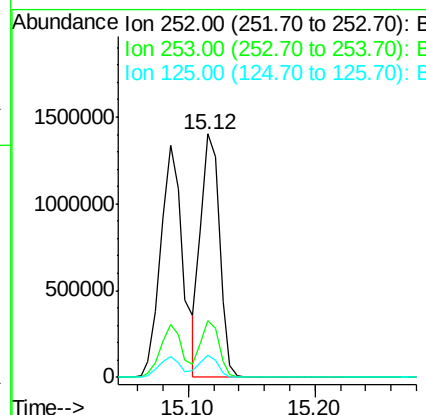
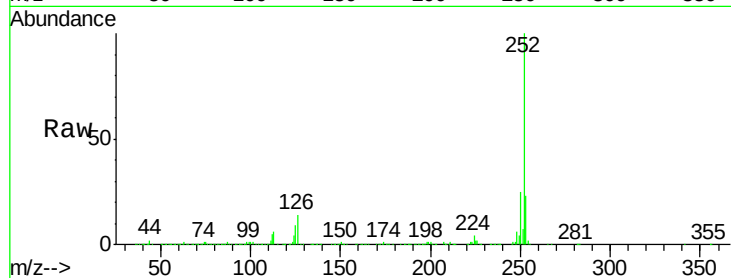




#89
Benzo(k)fluoranthene
Concen: 21.737 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

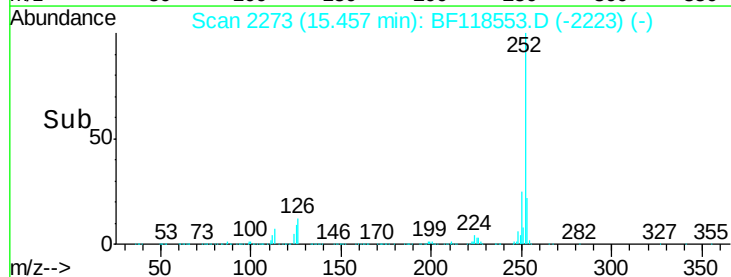
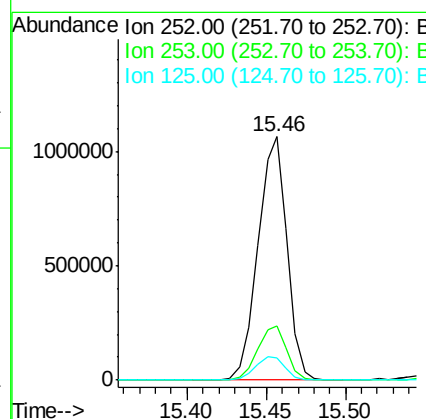
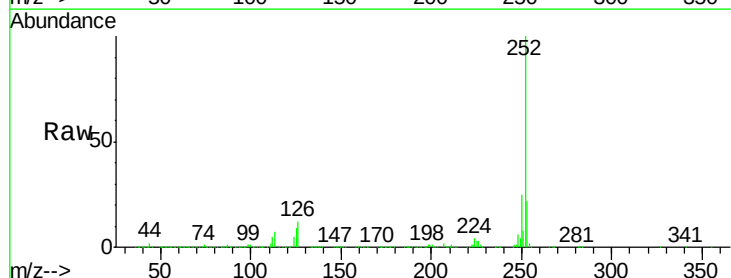
Instrument :
BNA_F
ClientSampleId :

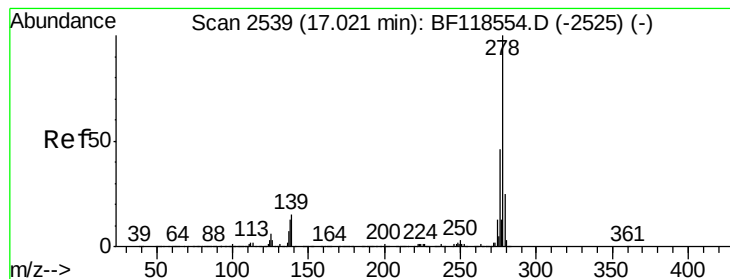
Tot Ion:252 Resp: 1429704
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.4
125 9.2 7.8 11.8



#90
Benzo(a)pyrene
Concen: 20.946 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF118553.D
Acq: 17 Jan 2020 11:07

Tgt Ion:252 Resp: 1355283
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 9.3 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 18.817 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

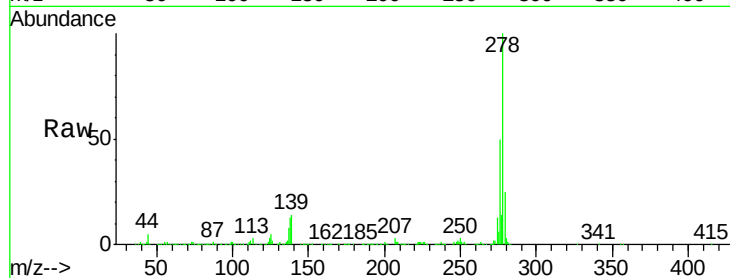
Tot Ion:278 Resp: 1105519

Ion Ratio Lower Upper

278 100

139 14.4 11.7 17.5

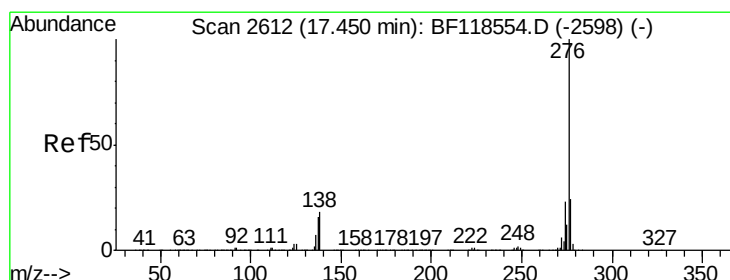
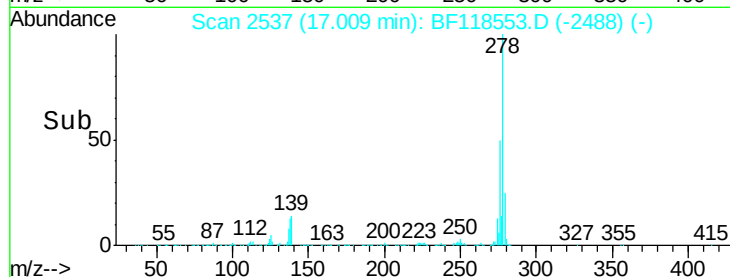
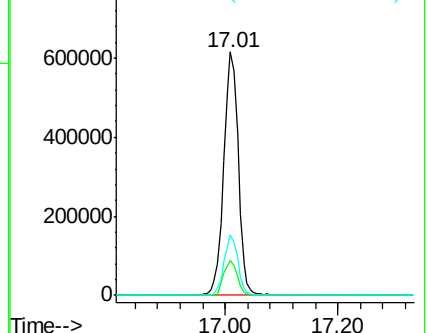
279 24.7 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 17.789 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF118553.D

Acq: 17 Jan 2020 11:07

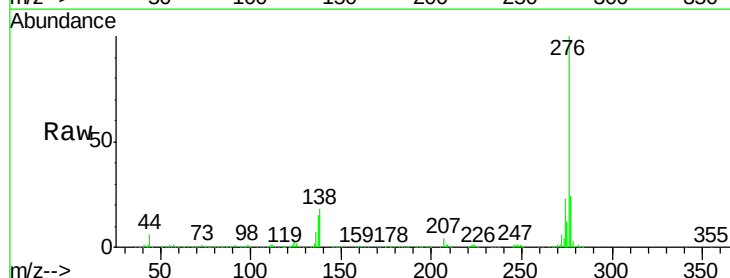
Tgt Ion:276 Resp: 1016775

Ion Ratio Lower Upper

276 100

277 24.3 19.1 28.7

138 17.7 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

