

Data File : BF118646.D
Acq On : 21 Jan 2020 21:42
Operator : CG/JU
Sample : L1004-12MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Quant Time: Jan 22 04:20:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	399478	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1464605	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	805605	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1481827	20.00	ng	0.00
76) Chrysene-d12	14.04	240	994146	20.00	ng	0.00
87) Perylene-d12	15.51	264	838547	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2670706	124.17	ng	0.02
7) Phenol-d6	6.52	99	3372046	120.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	2396266	91.51	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1318082	141.46	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4346587	88.68	ng	0.00
79) Terphenyl-d14	12.99	244	4882695	107.12	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.87	88	426893	40.977	ng	# 82
3) Pyridine	3.57	79	461108	15.704	ng	97
4) n-Nitrosodimethylamine	3.50	42	515123	40.920	ng	85
6) Aniline	6.55	93	117617	3.195	ng	98
8) 2-Chlorophenol	6.67	128	1152265	47.728	ng	100
9) Benzaldehyde	6.43	77	371827	21.870	ng	97
10) Phenol	6.53	94	1234840	38.759	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	1101727	46.609	ng	100
12) 1,3-Dichlorobenzene	6.82	146	1259244	44.563	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1269825	44.766	ng	100
14) 1,2-Dichlorobenzene	7.05	146	1213070	45.493	ng	99
15) Benzyl Alcohol	7.02	79	913492	41.204	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1424292	43.259	ng	99
17) 2-Methylphenol	7.13	107	942027	46.844	ng	99
18) Hexachloroethane	7.40	117	446429	43.403	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	836027	44.289	ng	99
20) 3+4-Methylphenols	7.28	107	1131698	46.093	ng	91
22) Acetophenone	7.29	105	1513803	43.632	ng	97
24) Nitrobenzene	7.46	77	1238097	46.179	ng	100
25) Isophorone	7.70	82	2216049	46.400	ng	100
26) 2-Nitrophenol	7.77	139	600171	52.493	ng	97
27) 2,4-Dimethylphenol	7.81	122	1029698	52.154	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	1337931	43.477	ng	99
29) 2,4-Dichlorophenol	8.02	162	1042180	47.751	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1131509	44.713	ng	99
31) Naphthalene	8.19	128	3200734	48.378	ng	100
32) Benzoic acid	7.93	122	593044	40.024	ng	97
34) Hexachlorobutadiene	8.30	225	664394	43.112	ng	98
35) Caprolactam	8.60	113	143052	20.029	ng	90
36) 4-Chloro-3-methylphenol	8.71	107	1033390	47.948	ng	100
37) 2-Methylnaphthalene	8.87	142	2285280	48.935	ng	100
38) 1-Methylnaphthalene	8.97	142	2146096	48.371	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1128804	44.782	ng	98
41) Hexachlorocyclopentadiene	9.03	237	1230177	96.730	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	808357	48.327	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	842582	49.323	ng	98
46) 1,1'-Biphenyl	9.34	154	2687827	48.410	ng	99
47) 2-Chloronaphthalene	9.36	162	2194462	46.892	ng	99
48) 2-Nitroaniline	9.46	65	583420	40.556	ng	87
49) Acenaphthylene	9.78	152	3302402	50.161	ng	99
50) Dimethylphthalate	9.64	163	2750920	52.412	ng	100
51) 2,6-Dinitrotoluene	9.70	165	583208	49.622	ng	87
52) Acenaphthene	9.96	154	2278520	51.758	ng	98
54) 2,4-Dinitrophenol	9.97	184	496322	105.777	ng	# 31
55) Dibenzofuran	10.13	168	3021958	49.534	ng	98
56) 4-Nitrophenol	10.03	139	928909	91.688	ng	90
57) 2,4-Dinitrotoluene	10.10	165	780149	52.654	ng	96
58) Fluorene	10.47	166	2313420	48.303	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	744697	49.562	ng	97
60) Diethylphthalate	10.34	149	2370813	46.588	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	1229658	47.207	ng	97
62) 4-Nitroaniline	10.47	138	292897	21.277	ng	91
63) Azobenzene	10.62	77	2321546	47.105	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	367039	56.329	ng	90
66) n-Nitrosodiphenylamine	10.57	169	1292919	28.932	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	854420	46.671	ng	99
68) Hexachlorobenzene	11.02	284	936983	45.143	ng	# 93
69) Atrazine	11.10	200	460820	29.751	ng	98
70) Pentachlorophenol	11.21	266	1081796	93.744	ng	98
71) Phenanthrene	11.43	178	3446916	48.216	ng	98
72) Anthracene	11.48	178	3485218	49.269	ng	99
73) Carbazole	11.63	167	2588882	39.900	ng	98
74) Di-n-butylphthalate	11.96	149	3467998	48.108	ng	99
75) Fluoranthene	12.62	202	3604259	47.801	ng	99
78) Pyrene	12.84	202	3606339	53.432	ng	98
80) Butylbenzylphthalate	13.46	149	1489232	53.914	ng	97
81) Benzo(a)anthracene	14.03	228	2895450	48.416	ng	99
83) Chrysene	14.07	228	2745382	47.900	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1865724	55.285	ng	100
85) Di-n-octyl phthalate	14.63	149	2753380	55.121	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	3190671	64.068	ng	99
88) Benzo(b)fluoranthene	15.08	252	2831916	53.728	ng	99
89) Benzo(k)fluoranthene	15.11	252	2332010	47.755	ng	99
90) Benzo(a)pyrene	15.44	252	2307594	50.752	ng	98
91) Dibenzo(a,h)anthracene	17.01	278	2684747	66.753	ng	98
92) Benzo(g,h,i)perylene	17.44	276	2714554	69.513	ng	97

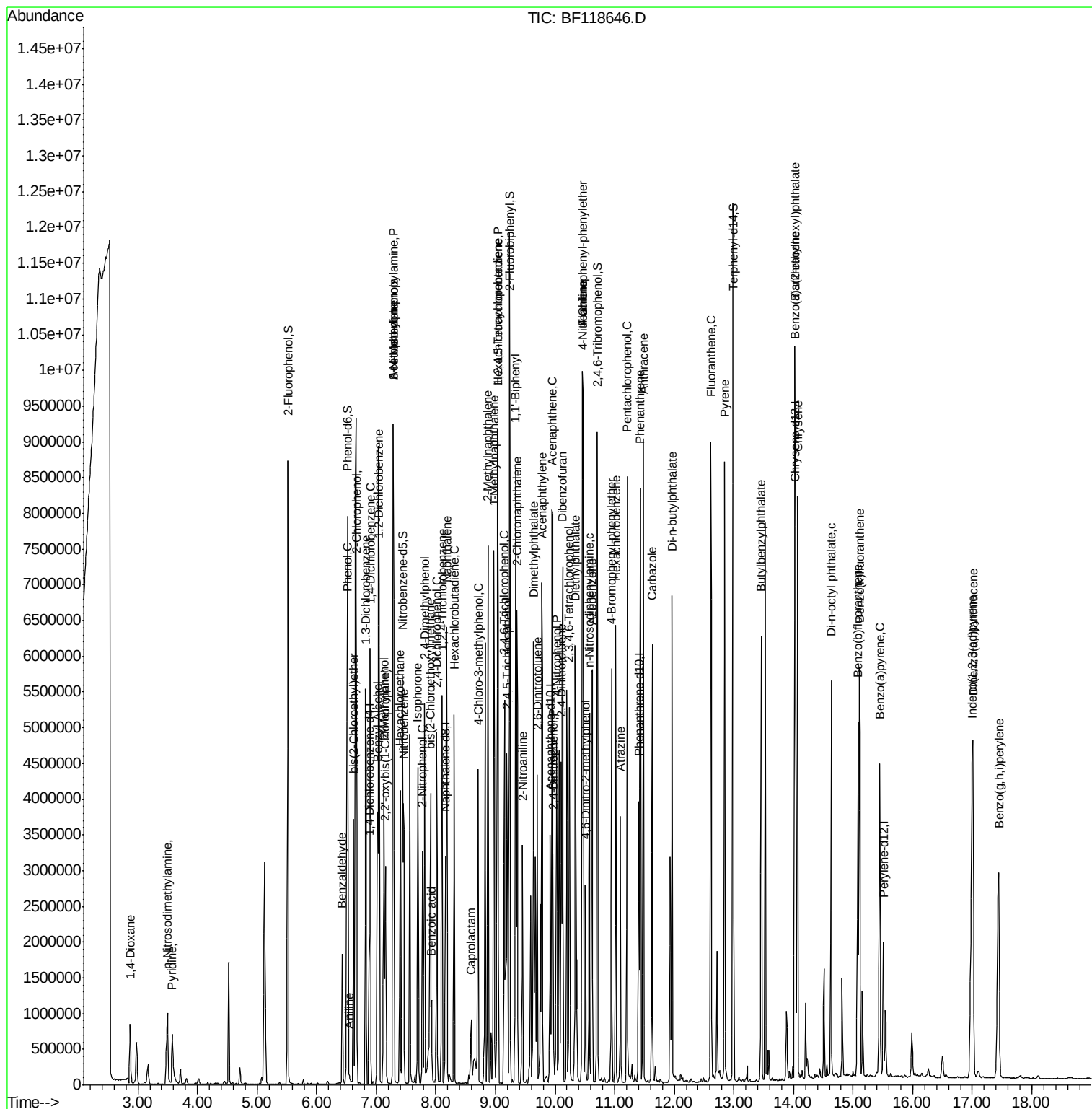
(#) = qualifier out of range (m) = manual integration (+) = signals summed

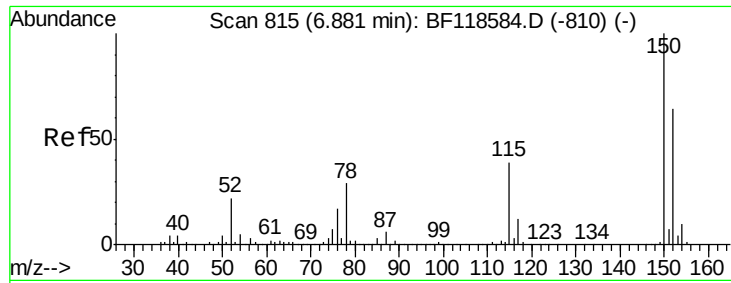
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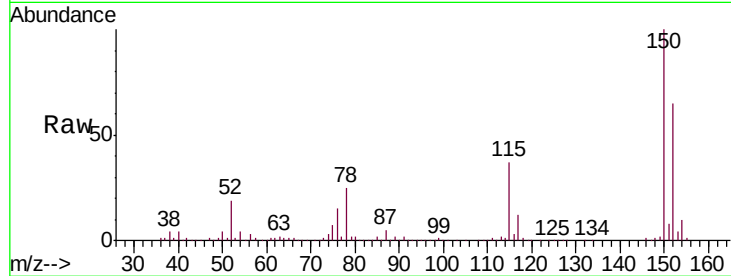


#1

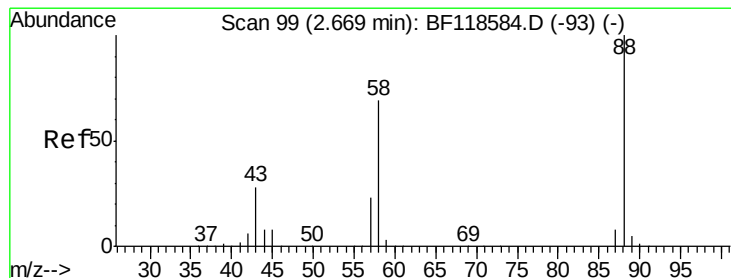
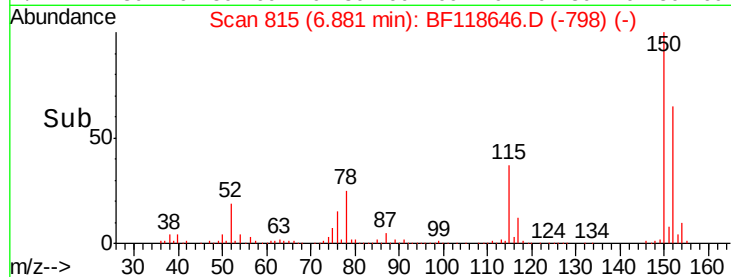
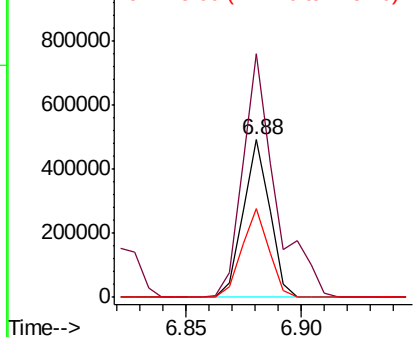
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118646.D
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BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion:152 Resp: 399478
Ion Ratio Lower Upper
152 100
150 154.8 125.6 188.4
115 56.8 48.4 72.6



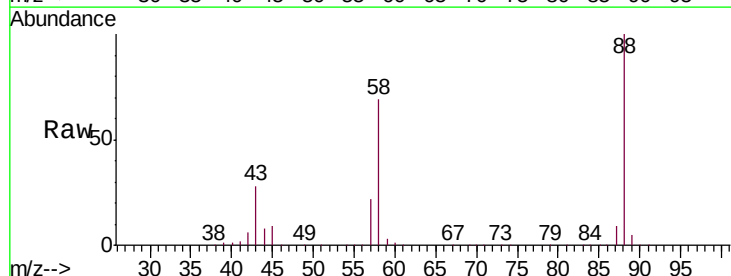
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



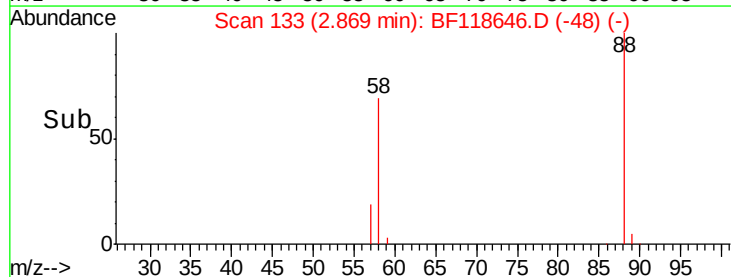
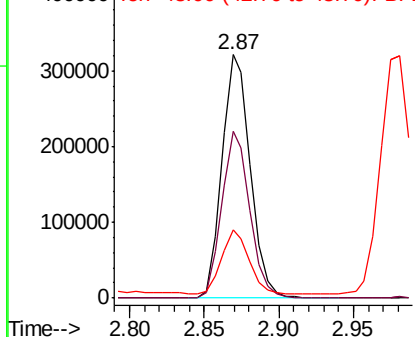
#2

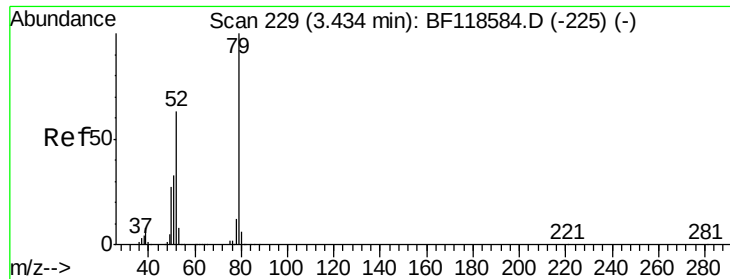
1,4-Dioxane
Concen: 40.977 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.20 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion: 88 Resp: 426893
Ion Ratio Lower Upper
88 100
58 67.6 56.1 84.1
43 0.0 23.0 34.6#



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





#3

Pyridine

Concen: 15.704 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.14 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

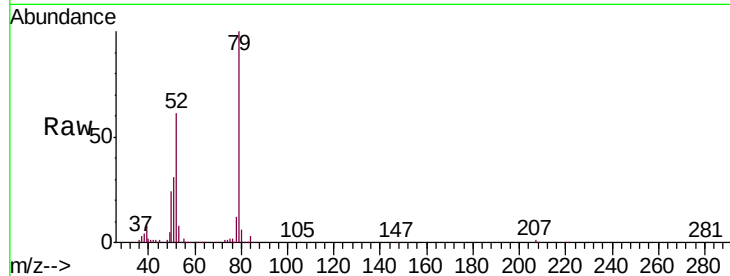
Tgt Ion: 79 Resp: 461108

Ion Ratio Lower Upper

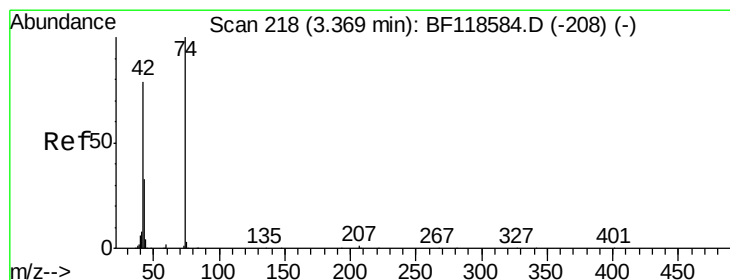
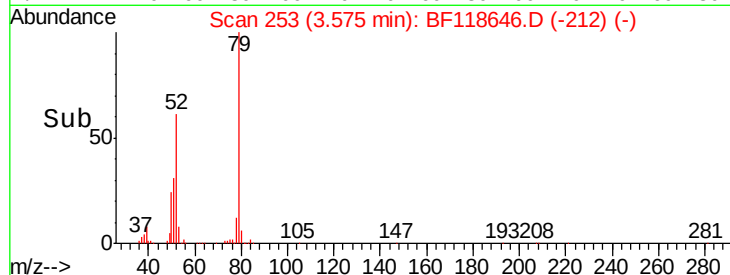
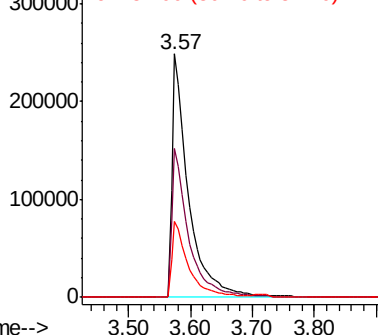
79 100

52 61.4 50.7 76.1

51 31.0 26.6 40.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.920 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.13 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

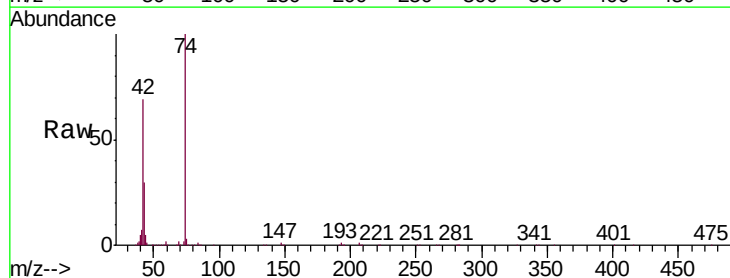
Tgt Ion: 42 Resp: 515123

Ion Ratio Lower Upper

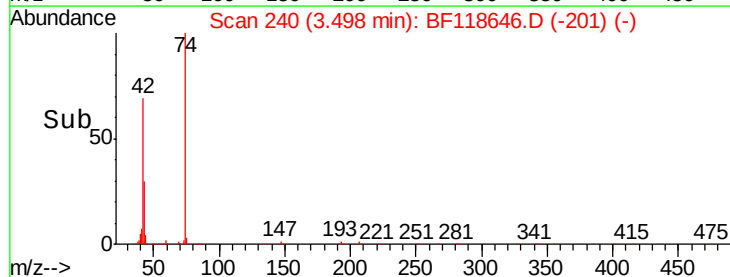
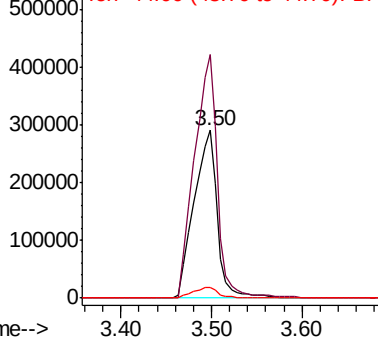
42 100

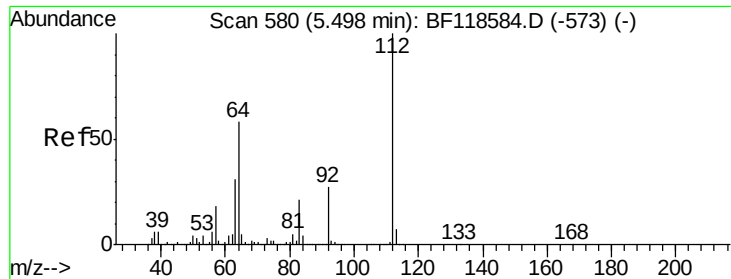
74 145.1 101.6 152.4

44 6.6 4.9 7.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.167 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF118646.D

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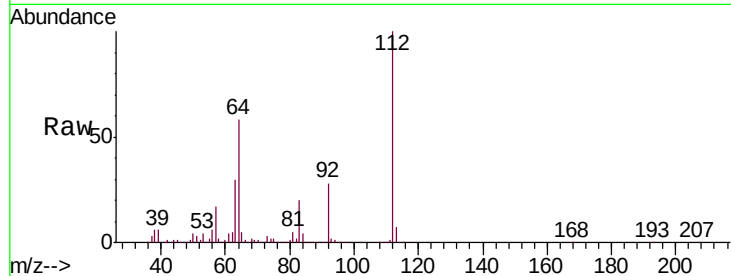
Tgt Ion: 112 Resp: 2670706

Ion Ratio Lower Upper

112 100

64 58.2 46.6 70.0

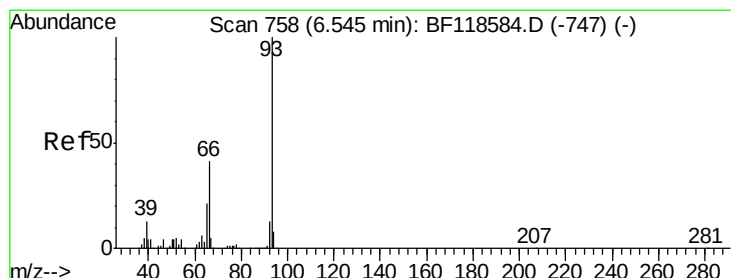
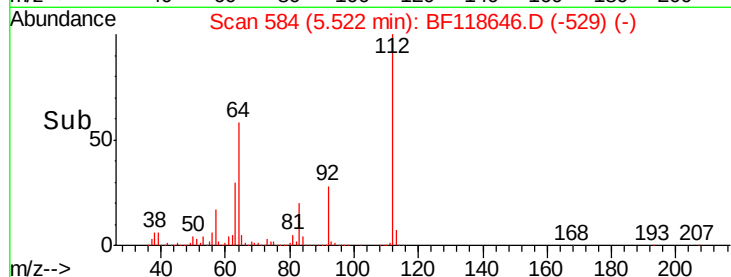
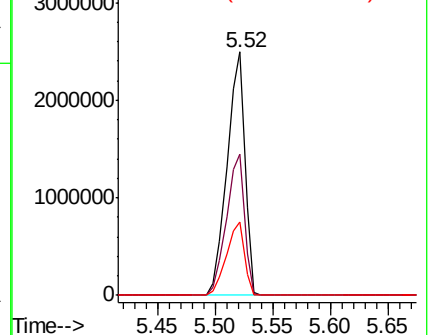
63 30.3 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.195 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

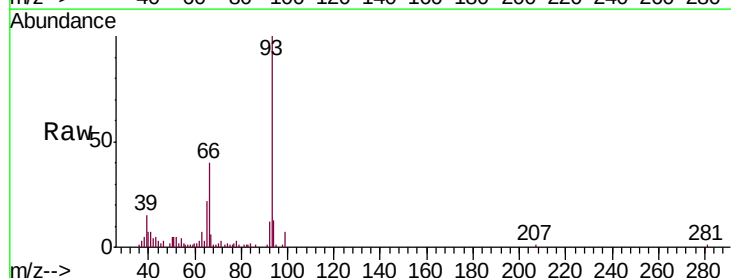
Tgt Ion: 93 Resp: 117617

Ion Ratio Lower Upper

93 100

66 39.6 32.8 49.2

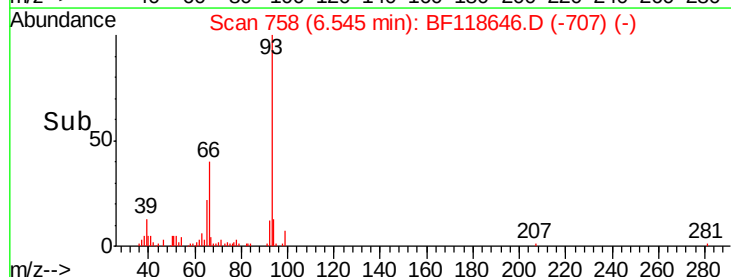
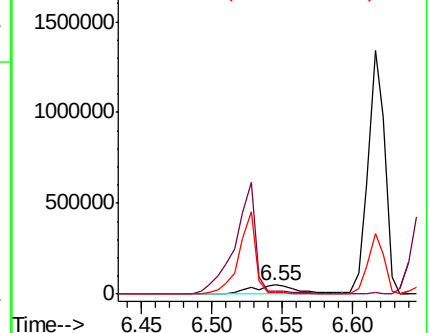
65 21.8 16.5 24.7

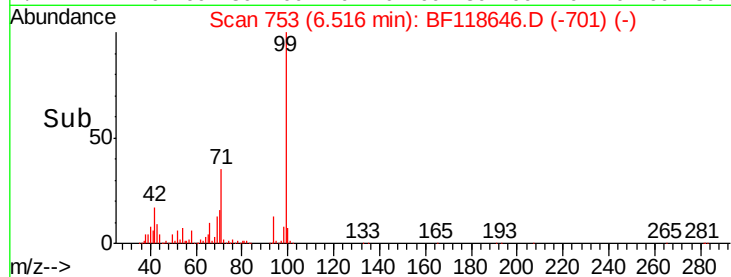
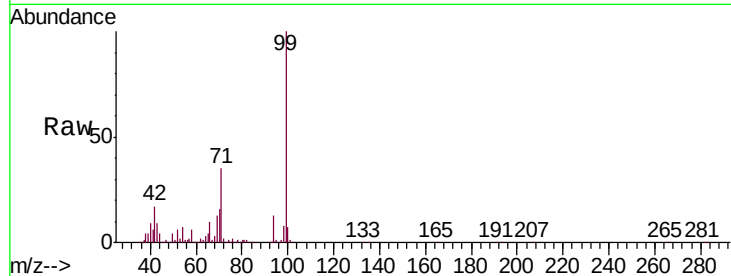
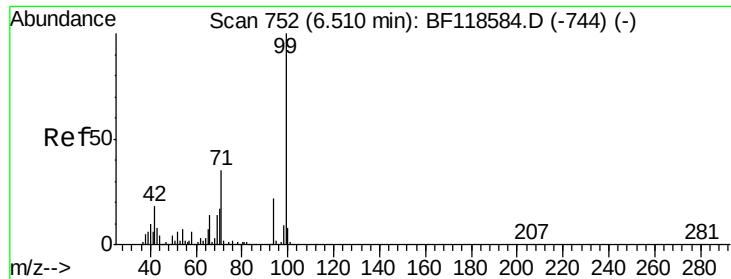


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.619 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

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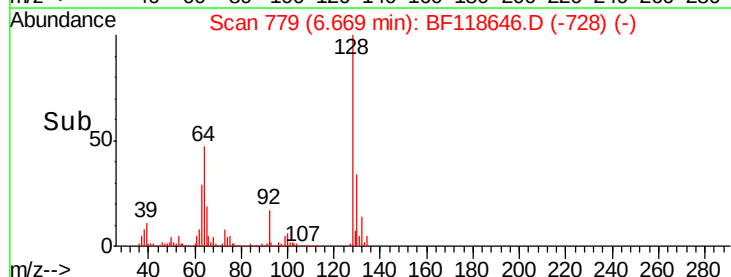
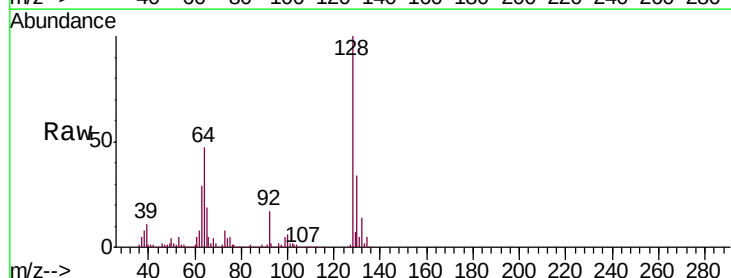
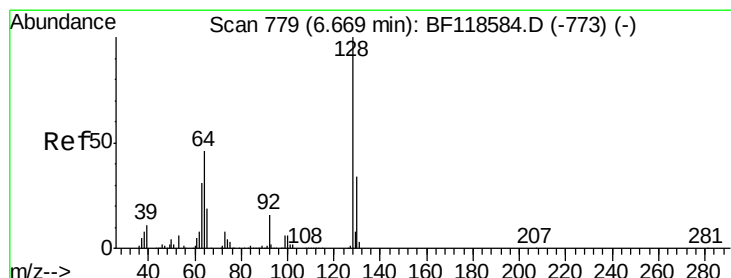
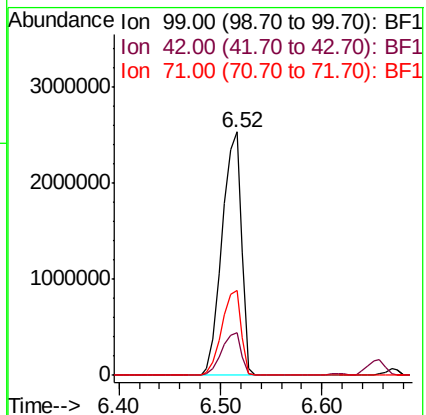
Tgt Ion: 99 Resp: 3372046

Ion Ratio Lower Upper

99 100

42 17.4 14.2 21.2

71 35.1 27.8 41.6



#8

2-Chlorophenol

Concen: 47.728 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

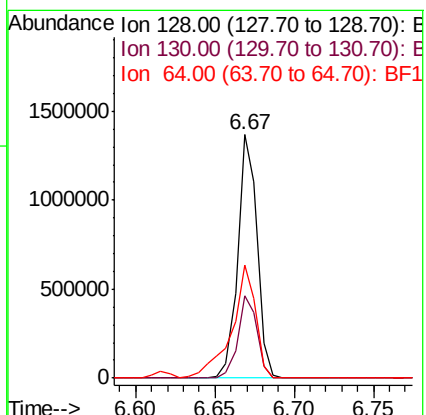
Tgt Ion: 128 Resp: 1152265

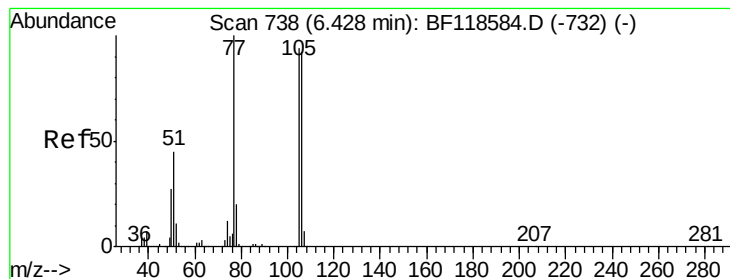
Ion Ratio Lower Upper

128 100

130 33.8 13.6 53.6

64 46.5 26.4 66.4





#9

Benzaldehyde

Concen: 21.870 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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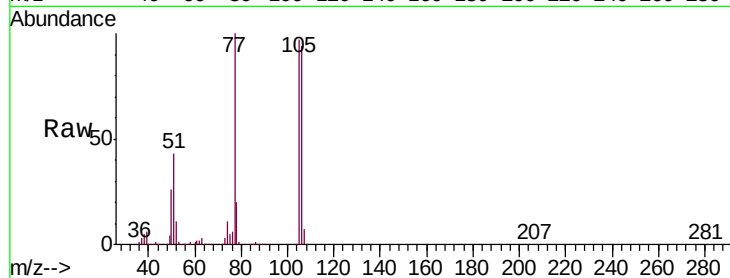
Tgt Ion: 77 Resp: 371827

Ion Ratio Lower Upper

77 100

105 97.4 73.5 113.5

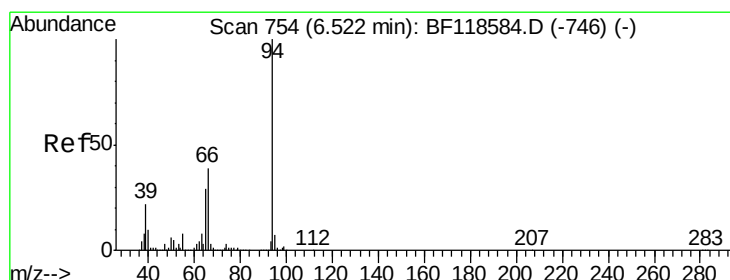
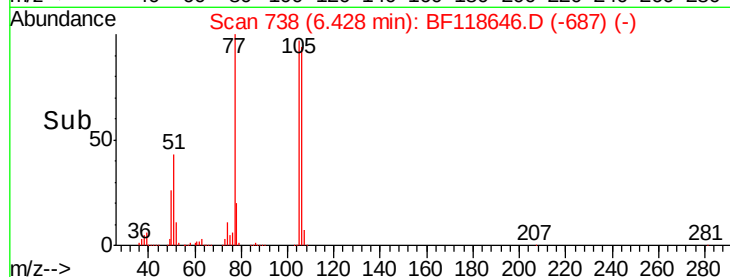
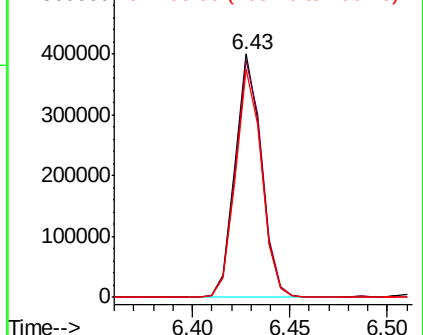
106 93.7 71.9 111.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.759 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

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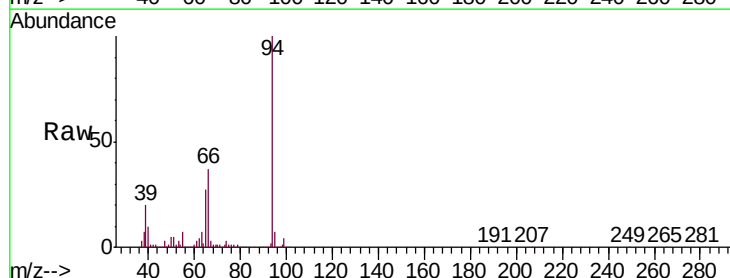
Tgt Ion: 94 Resp: 1234840

Ion Ratio Lower Upper

94 100

65 27.2 9.5 49.5

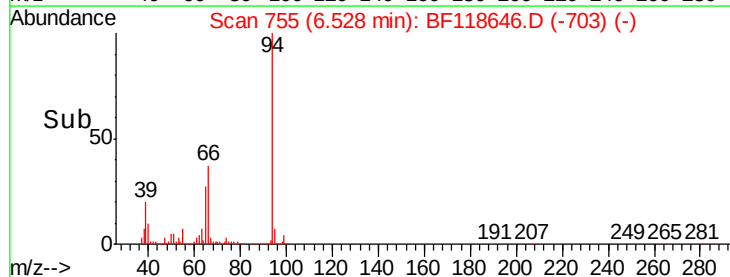
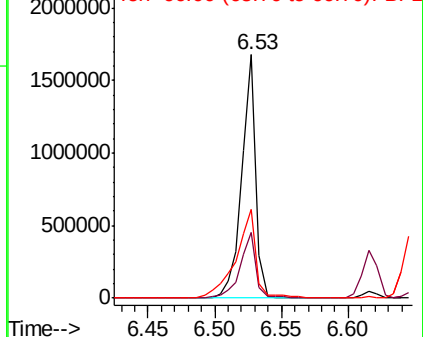
66 36.6 18.5 58.5

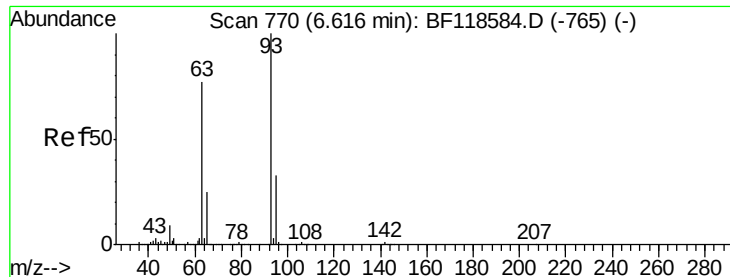


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



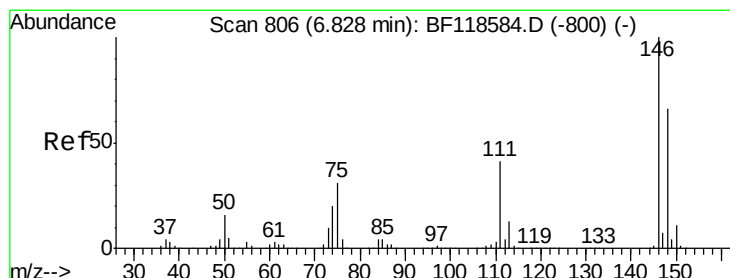
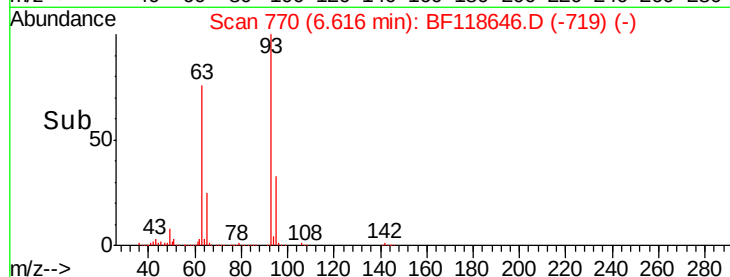
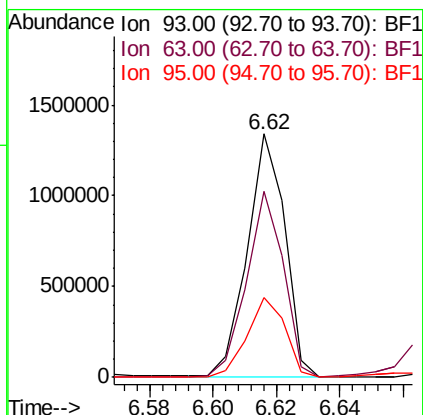
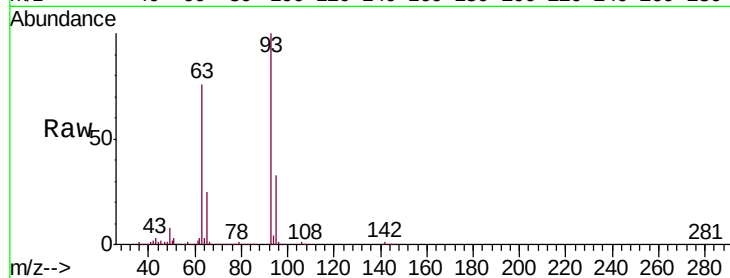


#11
bis(2-Chloroethyl)ether
Concen: 46.609 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion: 93 Resp: 1101727

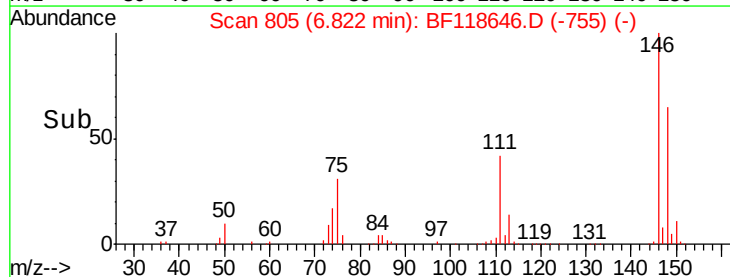
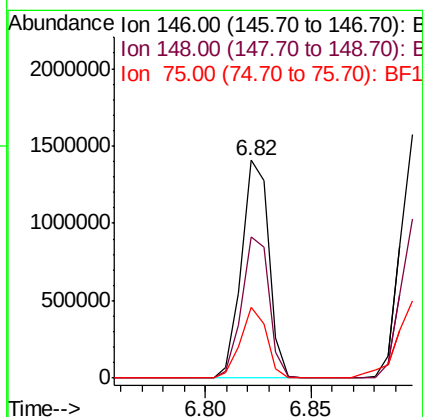
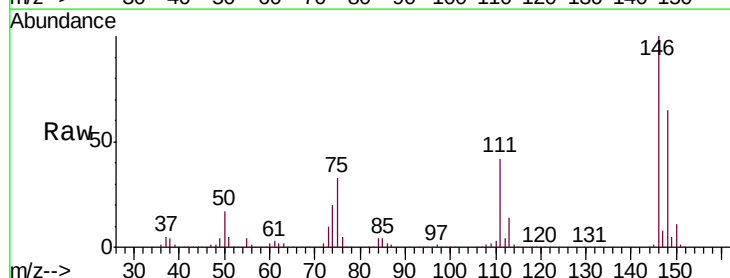
Ion	Ratio	Lower	Upper
93	100		
63	76.3	56.3	96.3
95	32.9	13.3	53.3

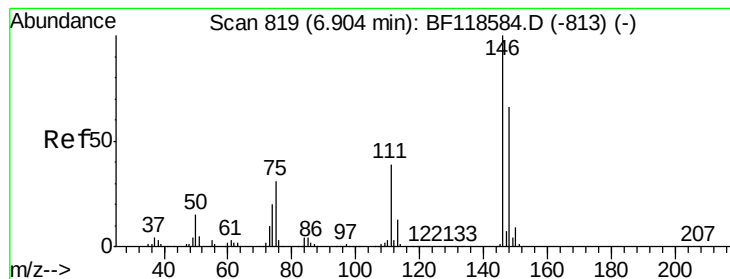


#12
1,3-Dichlorobenzene
Concen: 44.563 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion: 146 Resp: 1259244

Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.0	79.6
75	32.6	25.1	37.7





#13

1,4-Dichlorobenzene

Concen: 44.766 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

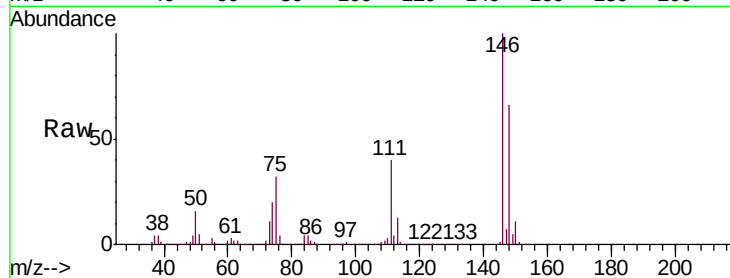
Tgt Ion:146 Resp: 1269825

Ion Ratio Lower Upper

146 100

148 65.6 52.4 78.6

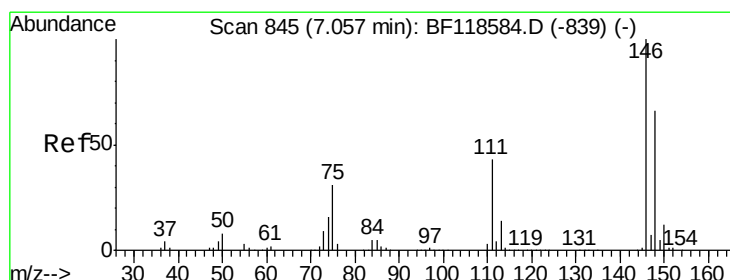
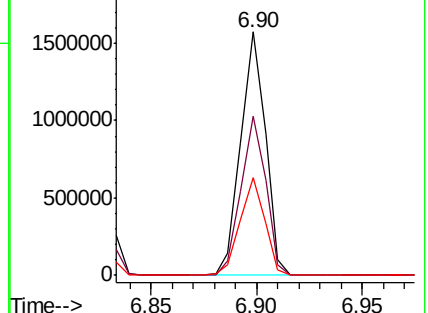
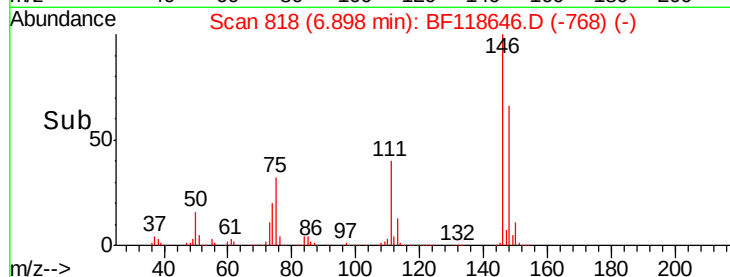
111 40.1 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.493 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

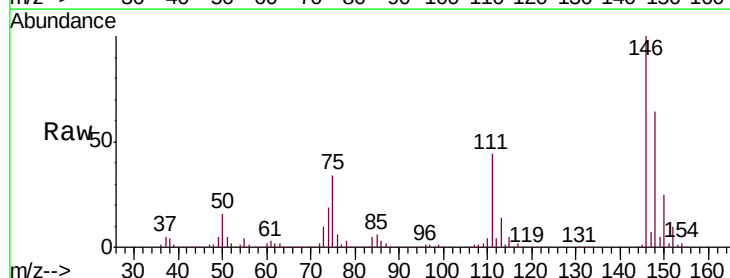
Tgt Ion:146 Resp: 1213070

Ion Ratio Lower Upper

146 100

148 64.2 52.7 79.1

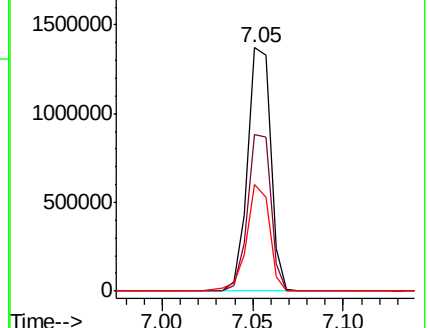
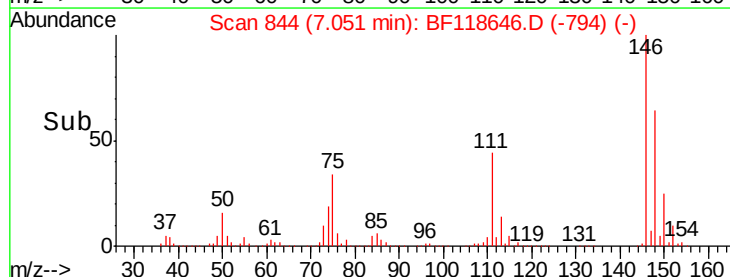
111 43.6 34.6 52.0

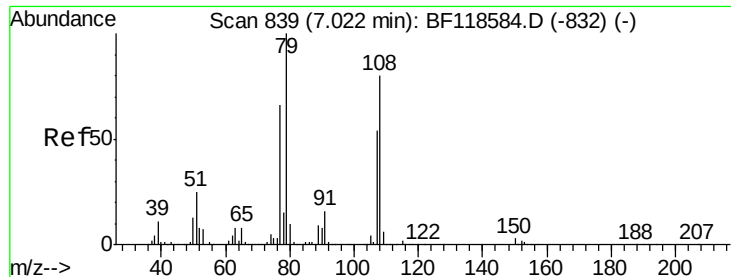


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

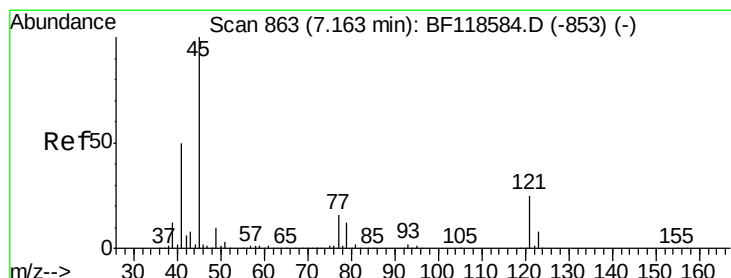
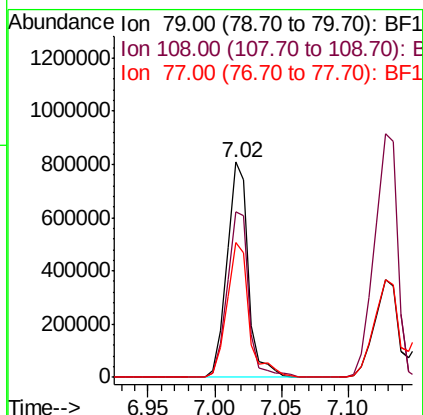
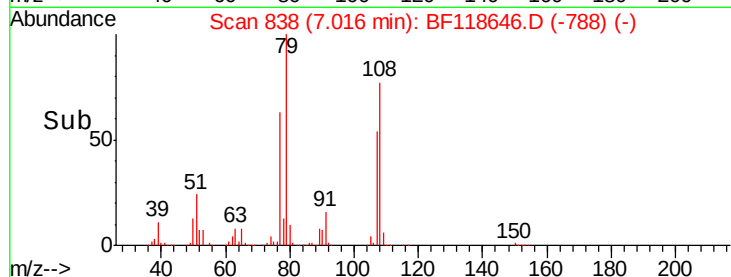
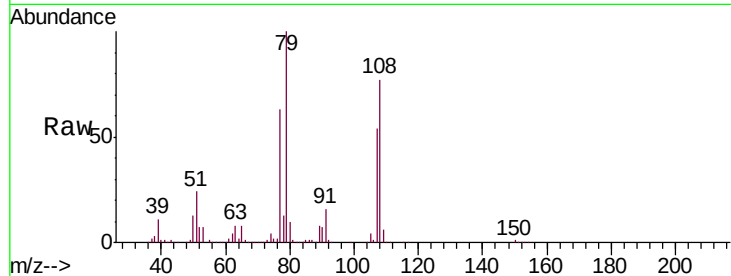




#15
Benzyl Alcohol
Concen: 41.204 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

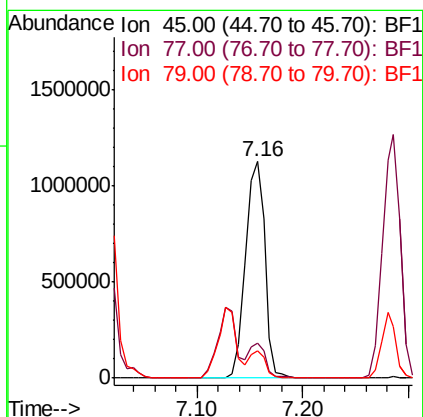
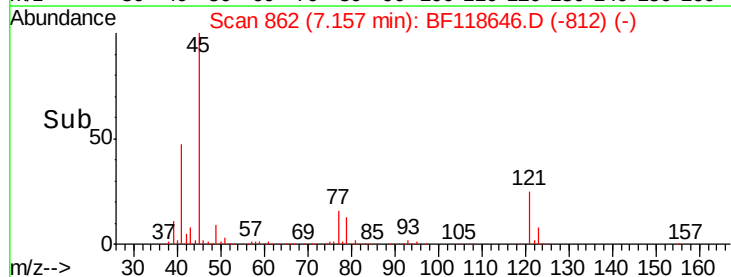
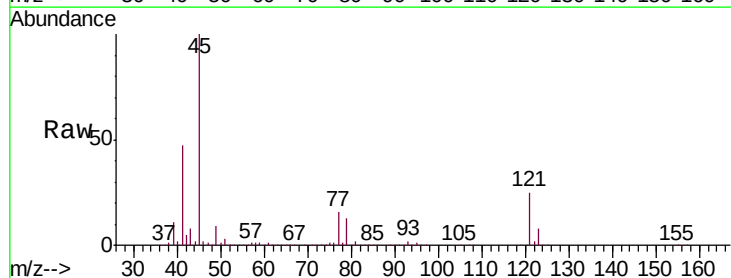
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

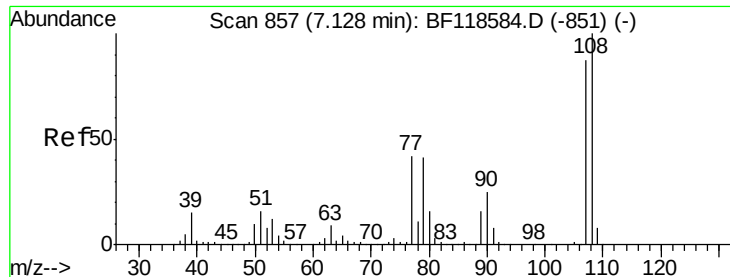
Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.3	63.6	95.4
77	62.7	52.5	78.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.259 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.0	36.1
79	12.8	0.0	32.4

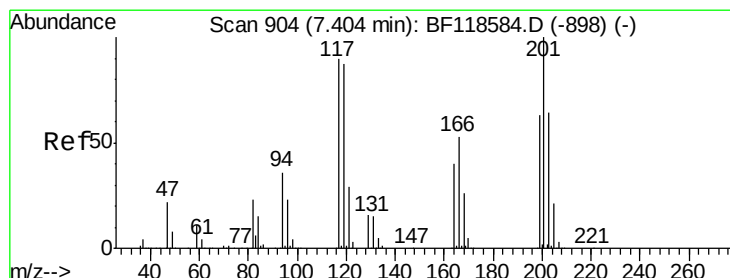
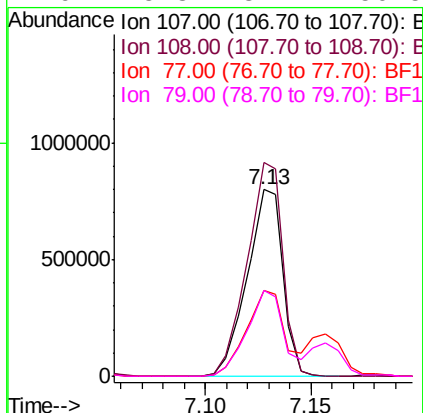
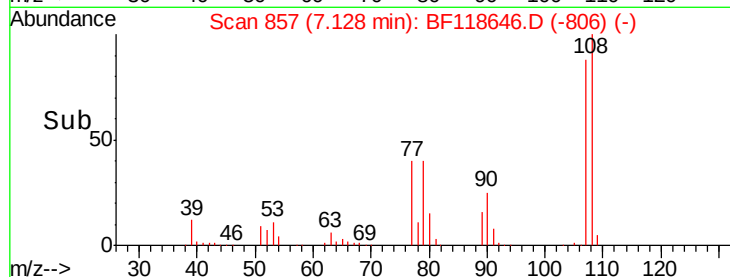
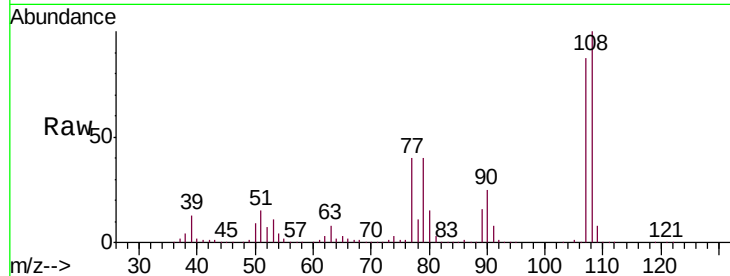




#17
2-Methylphenol
Concen: 46.844 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

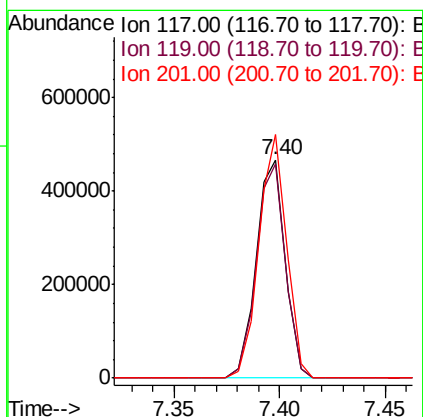
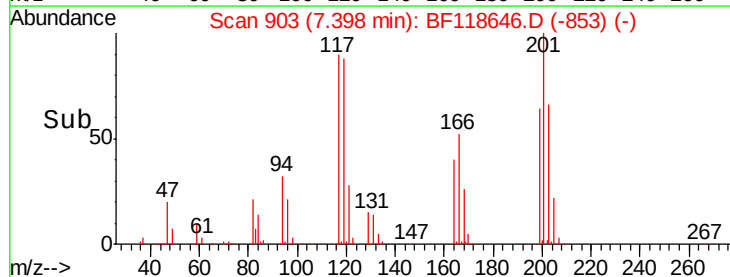
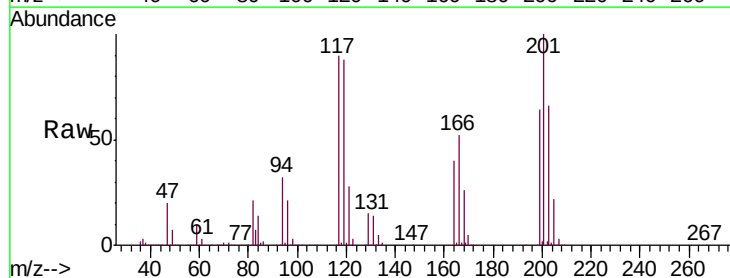
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

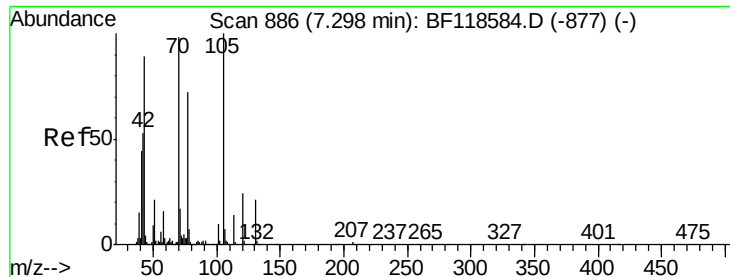
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.5	137.3
77	46.1	38.7	58.1
79	45.8	37.7	56.5



#18
Hexachloroethane
Concen: 43.403 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.6	116.4
201	111.6	88.8	133.2

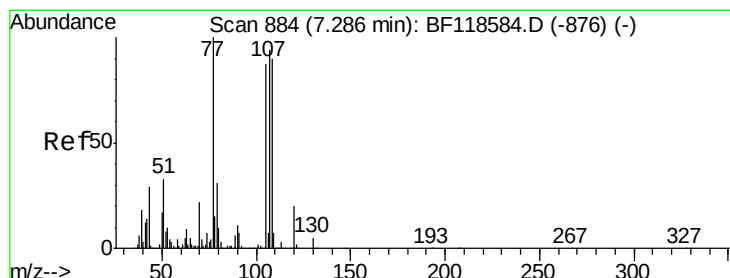
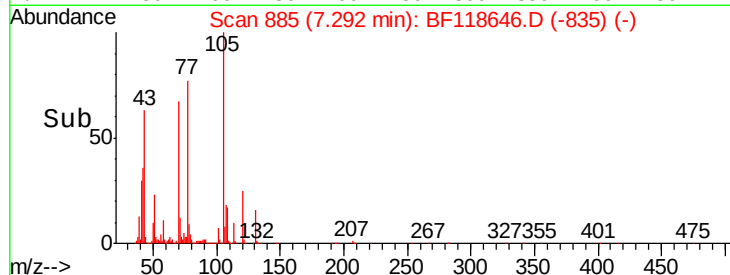
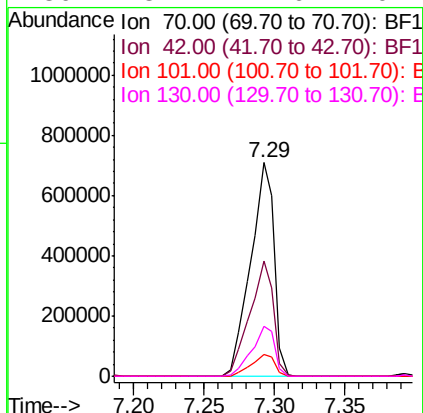
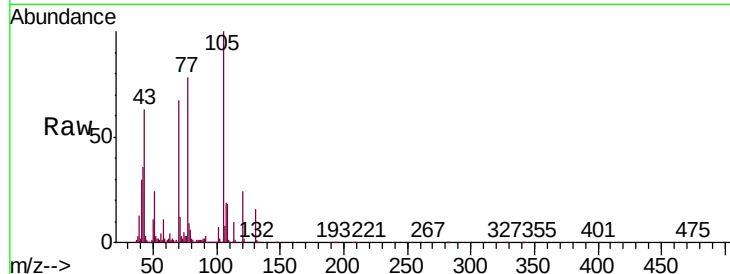




#19
 n-Nitroso-di-n-propylamine
 Concen: 44.289 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

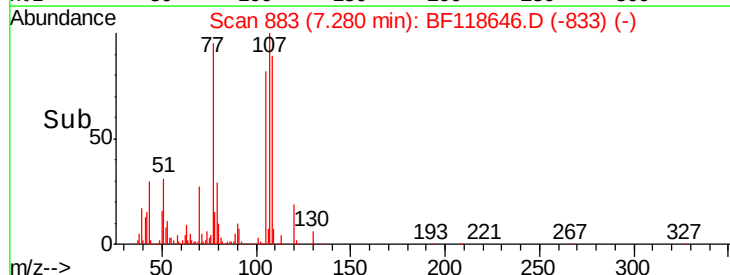
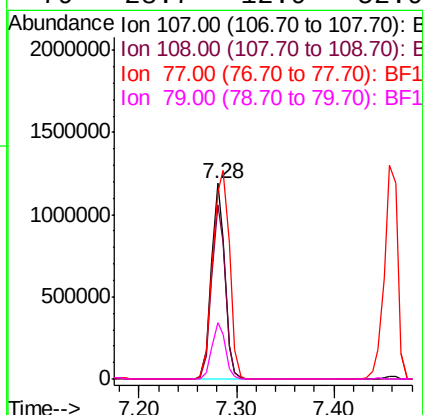
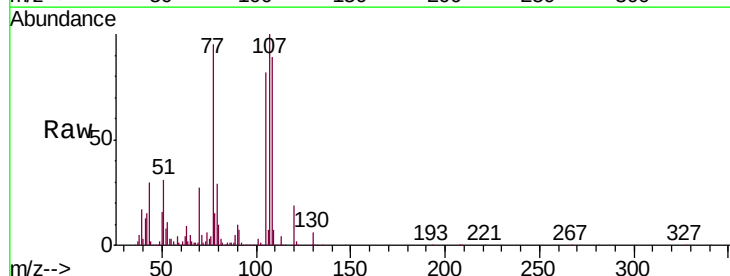
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

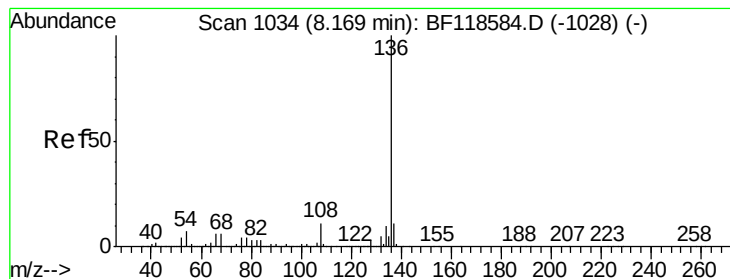
Tgt Ion:	70	Resp:	836027
Ion	Ratio	Lower	Upper
70	100		
42	53.9	43.4	65.0
101	10.0	8.1	12.1
130	23.1	17.6	26.4



#20
 3+4-Methylphenols
 Concen: 46.093 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion:	107	Resp:	1131698
Ion	Ratio	Lower	Upper
107	100		
108	89.1	75.8	115.8
77	95.3	86.5	126.5
79	28.7	12.9	52.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

Tgt Ion:136 Resp: 1464605

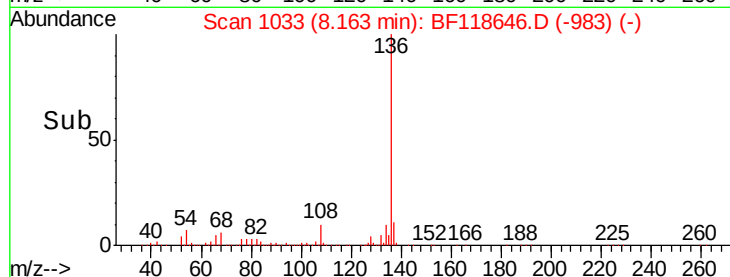
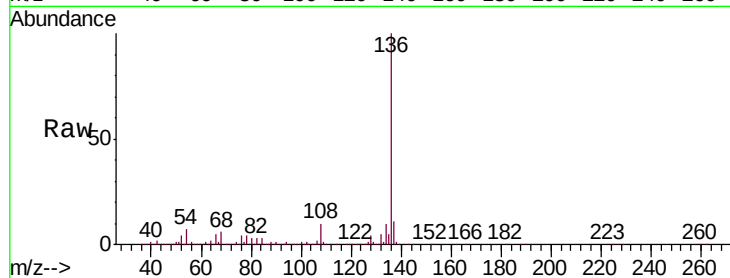
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.1 5.8 8.6

68 6.2 5.0 7.4

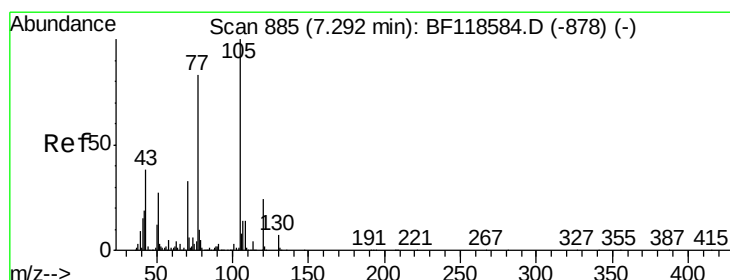
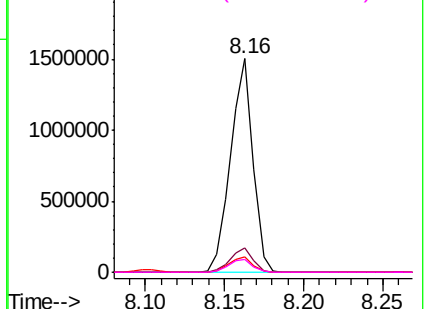


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.632 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Tgt Ion:105 Resp: 1513803

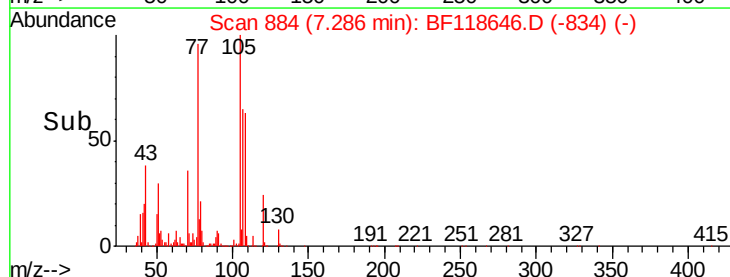
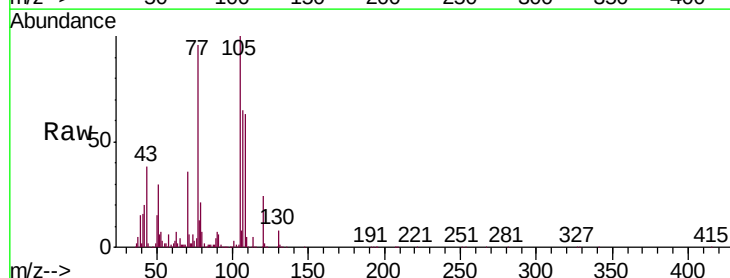
Ion Ratio Lower Upper

105 100

71 6.1 4.5 6.7

51 30.1 21.5 32.3

120 24.2 19.0 28.6

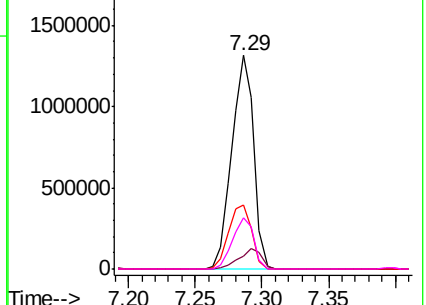


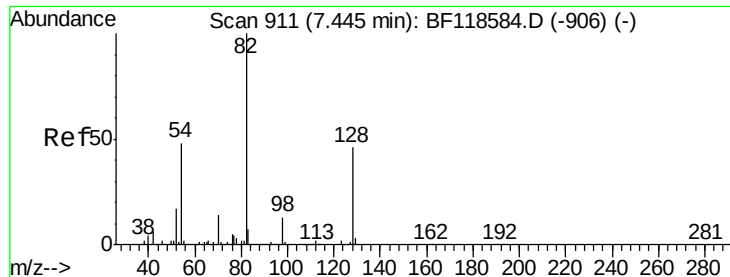
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 91.515 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

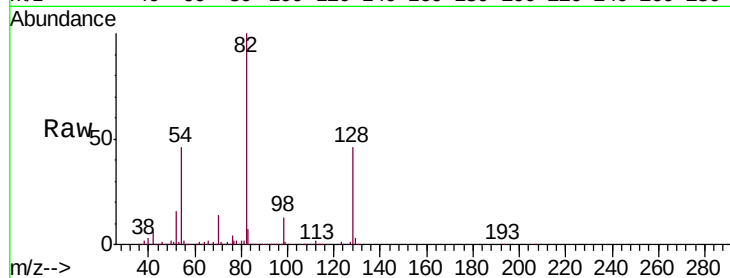
Tgt Ion: 82 Resp: 2396266

Ion Ratio Lower Upper

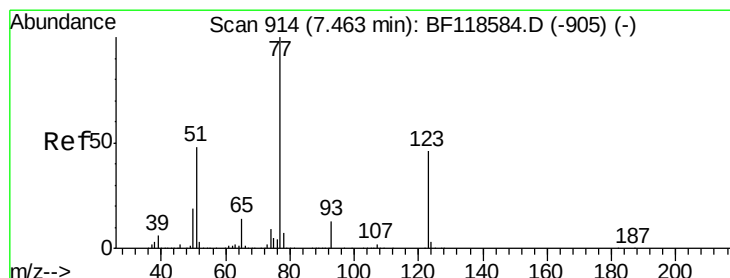
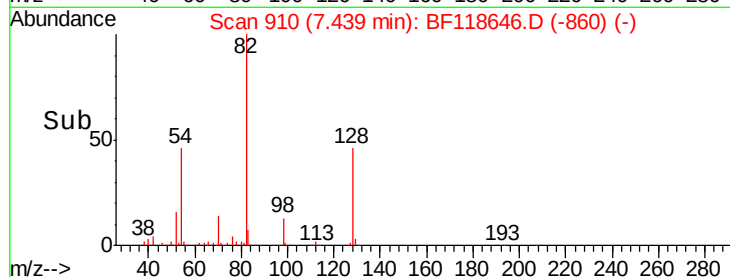
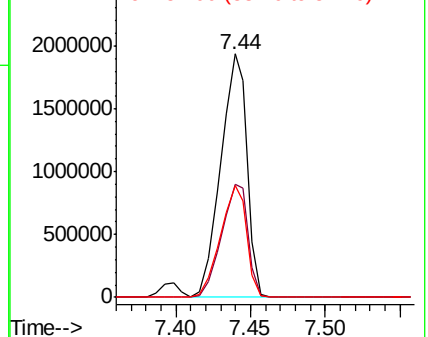
82 100

128 46.4 36.6 54.8

54 46.1 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 46.179 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

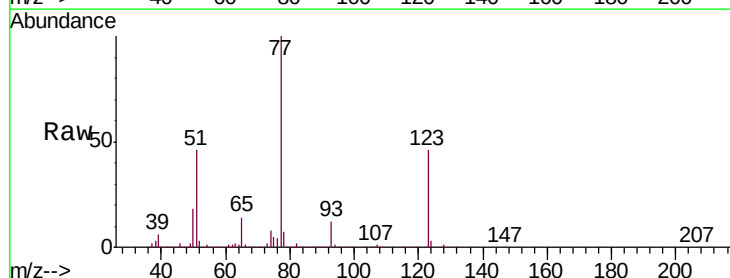
Tgt Ion: 77 Resp: 1238097

Ion Ratio Lower Upper

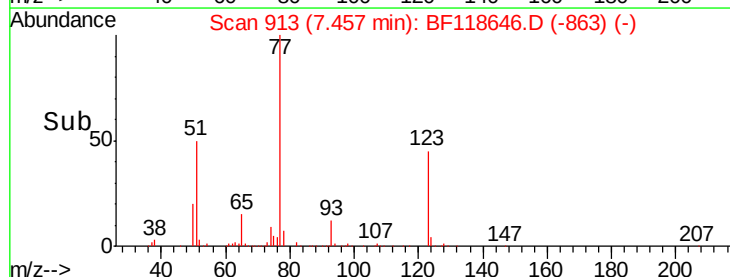
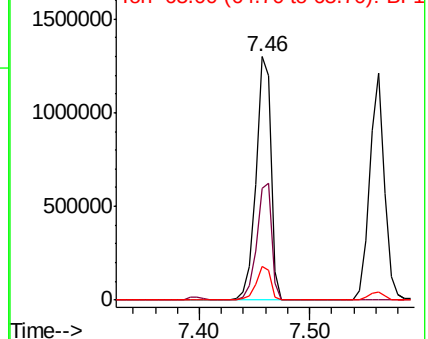
77 100

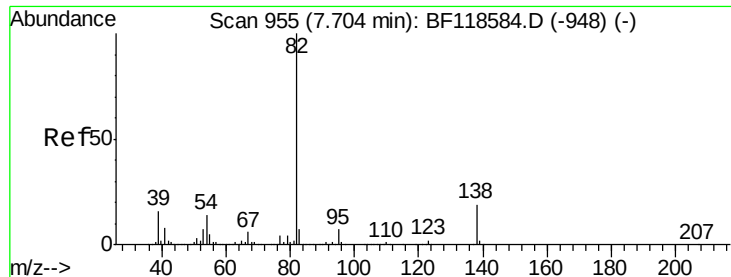
123 45.8 37.0 55.4

65 13.8 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.400 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

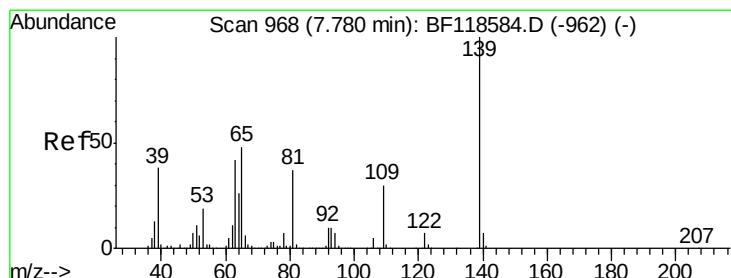
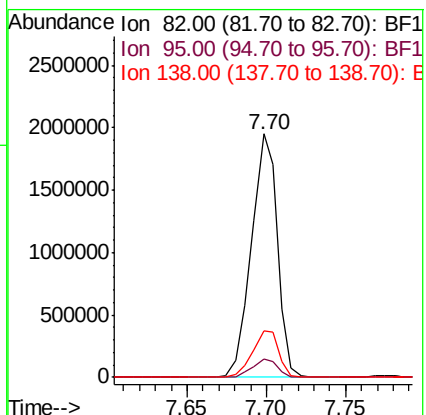
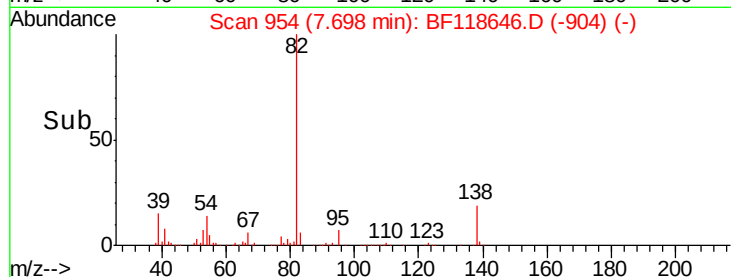
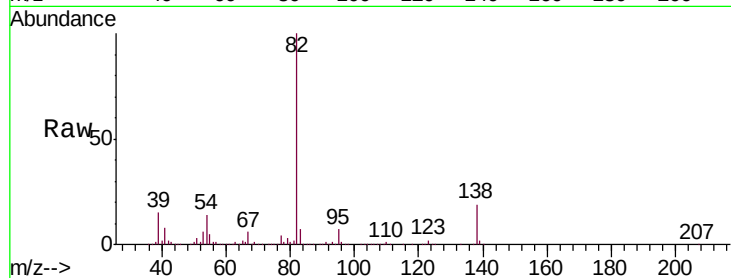
Tgt Ion: 82 Resp: 2216049

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

138 18.8 15.3 22.9



#26

2-Nitrophenol

Concen: 52.493 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

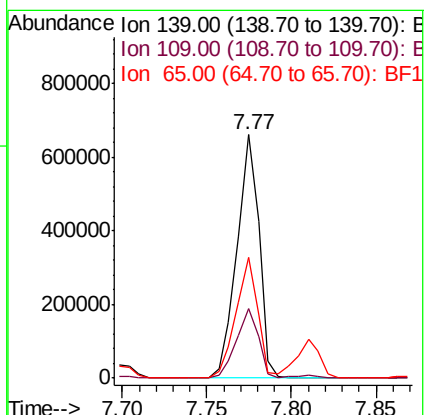
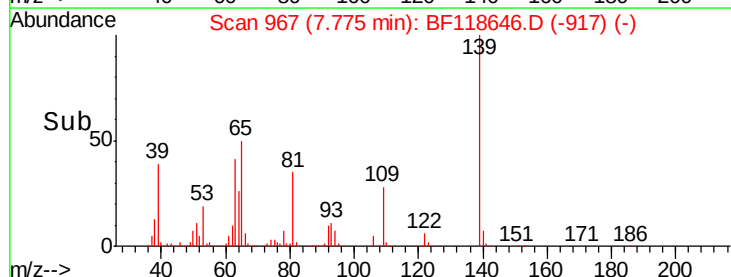
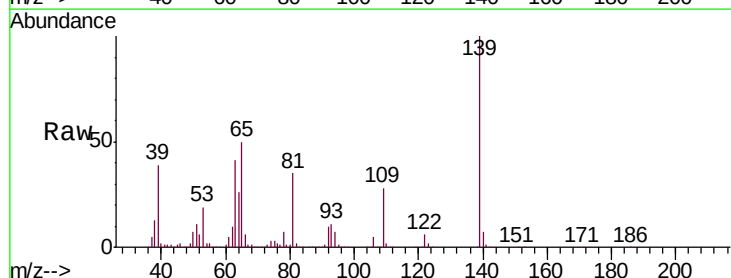
Tgt Ion: 139 Resp: 600171

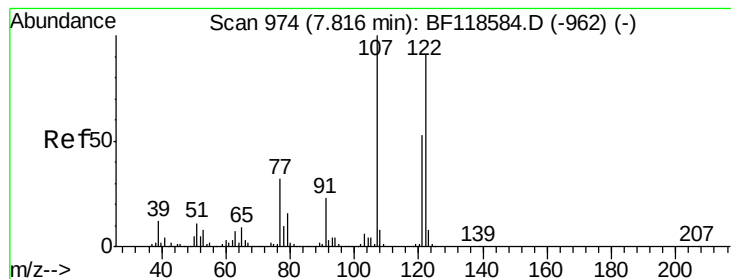
Ion Ratio Lower Upper

139 100

109 28.4 23.8 35.8

65 49.8 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 52.154 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

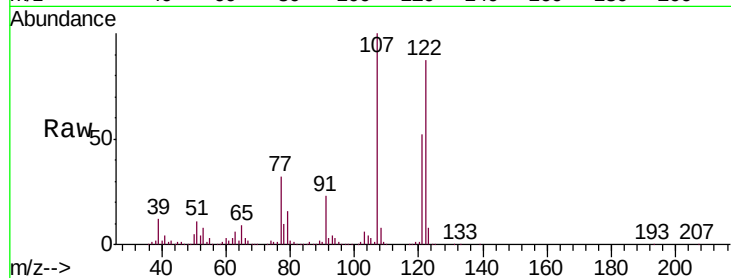
Tgt Ion:122 Resp: 1029698

Ion Ratio Lower Upper

122 100

107 114.4 88.0 132.0

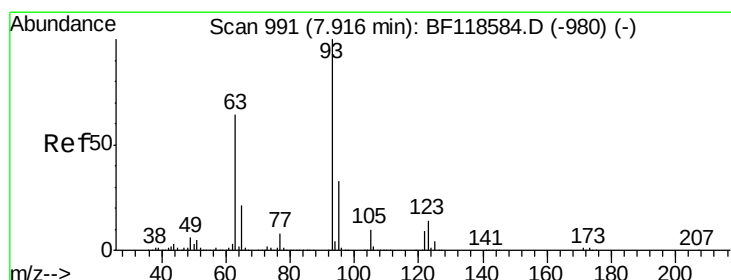
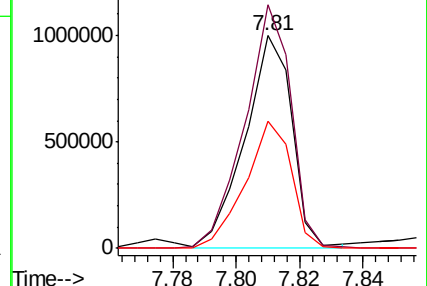
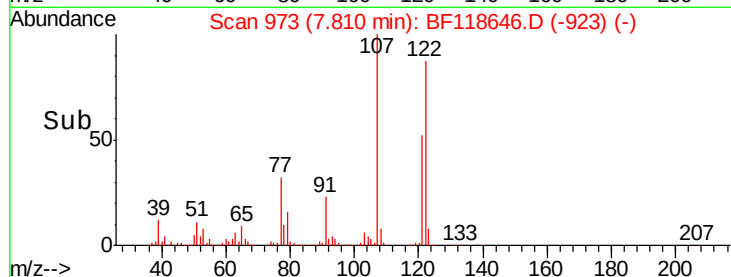
121 59.9 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.477 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

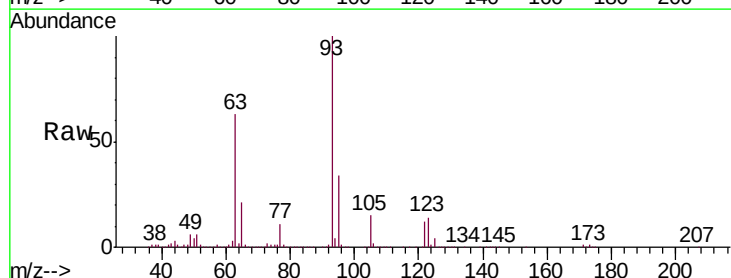
Tgt Ion: 93 Resp: 1337931

Ion Ratio Lower Upper

93 100

95 34.3 26.7 40.1

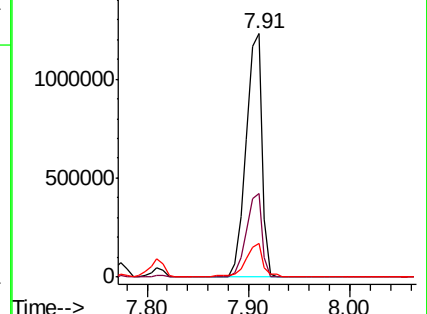
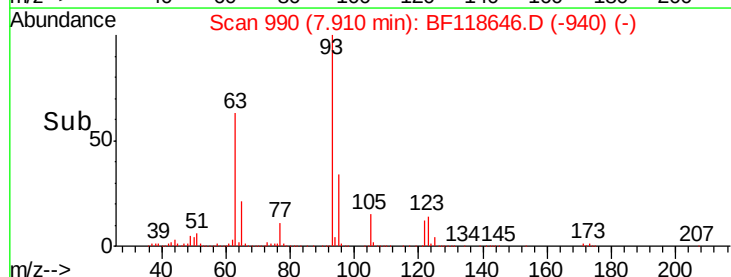
123 13.8 11.0 16.6

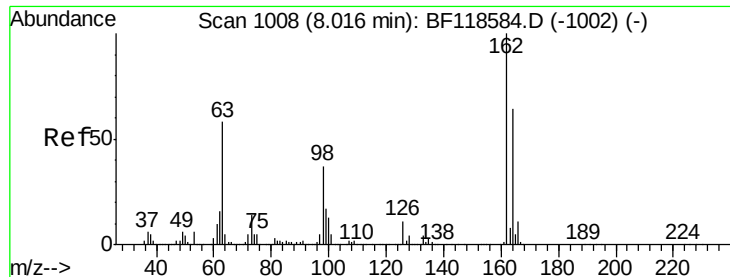


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

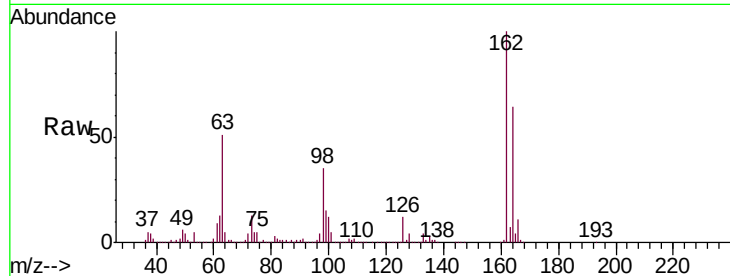




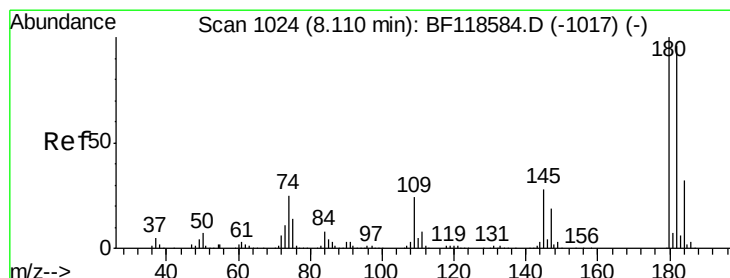
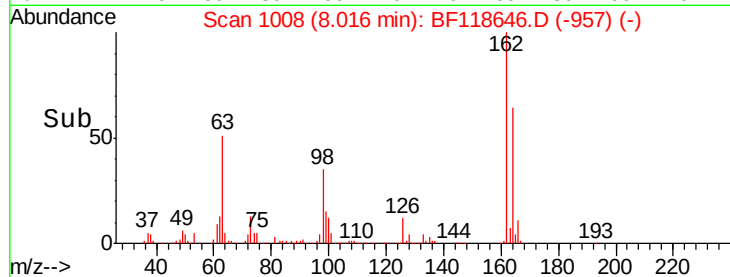
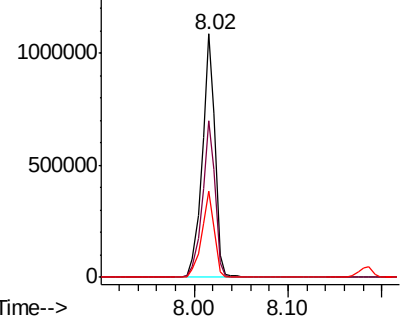
#29
2,4-Dichlorophenol
Concen: 47.751 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion:162 Resp: 1042180
Ion Ratio Lower Upper
162 100
164 64.2 44.3 84.3
98 35.4 17.5 57.5

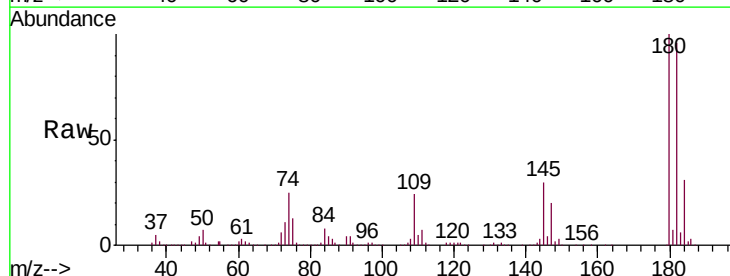


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

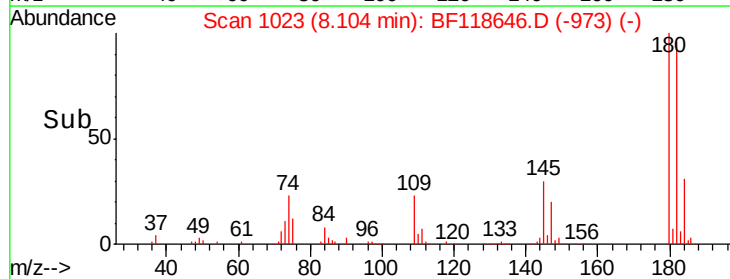
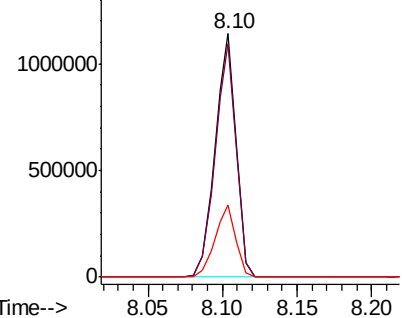


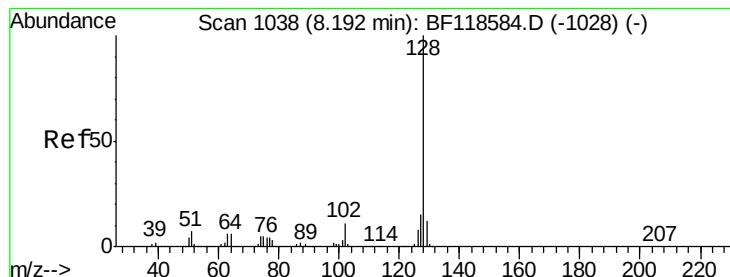
#30
1,2,4-Trichlorobenzene
Concen: 44.713 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:180 Resp: 1131509
Ion Ratio Lower Upper
180 100
182 95.6 76.9 115.3
145 29.5 22.8 34.2



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





#31

Naphthalene

Concen: 48.378 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

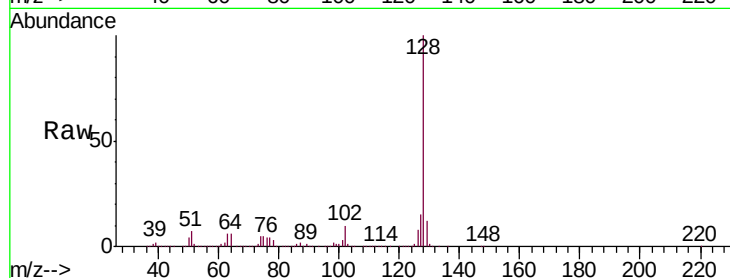
Tgt Ion:128 Resp: 3200734

Ion Ratio Lower Upper

128 100

129 12.3 9.9 14.9

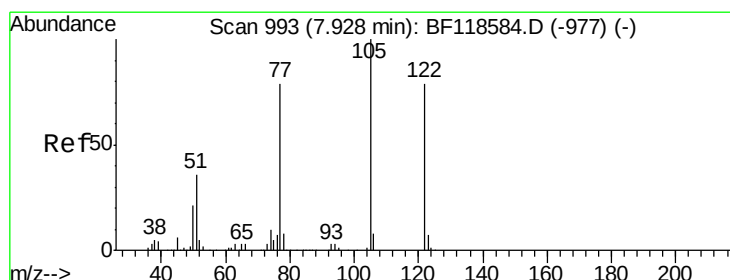
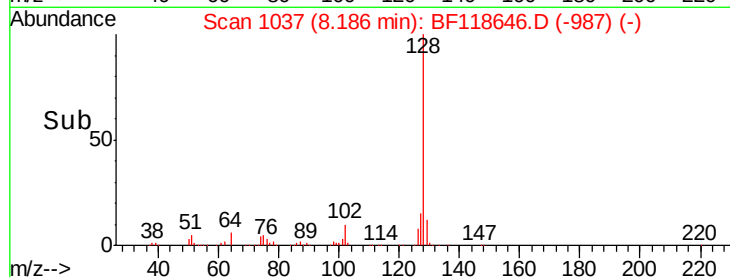
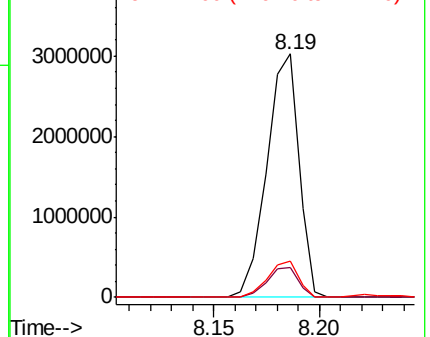
127 14.8 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.024 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

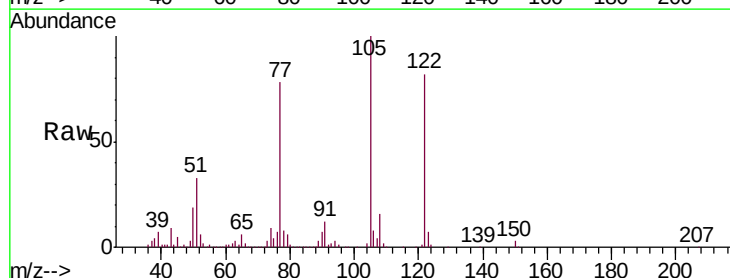
Tgt Ion:122 Resp: 593044

Ion Ratio Lower Upper

122 100

105 122.5 104.3 144.3

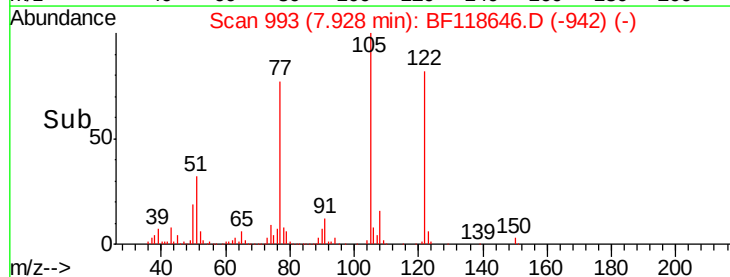
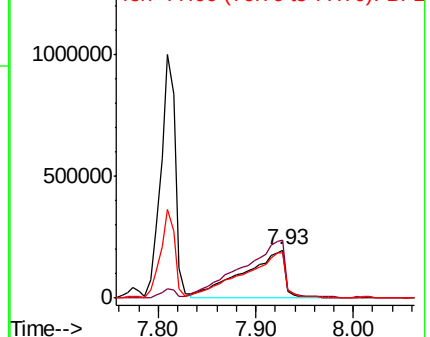
77 95.6 79.4 119.4

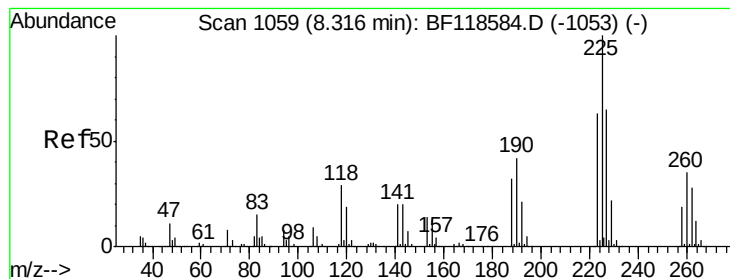


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#34

Hexachlorobutadiene

Concen: 43.112 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

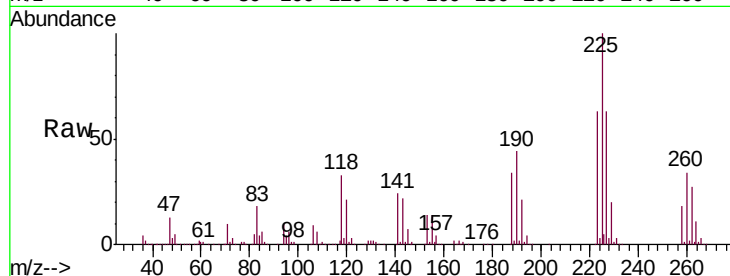
Tgt Ion:225 Resp: 664394

Ion Ratio Lower Upper

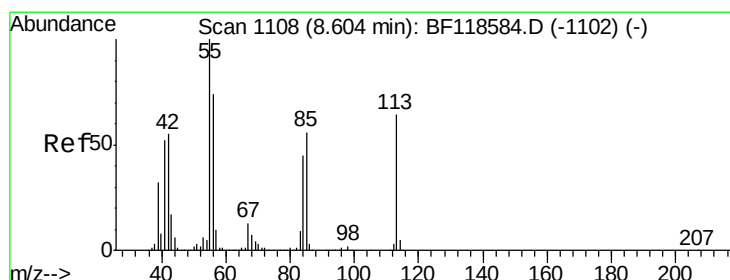
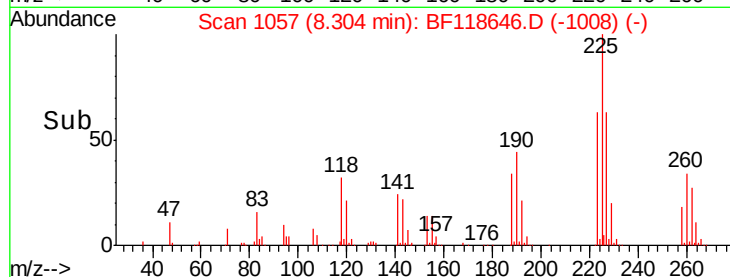
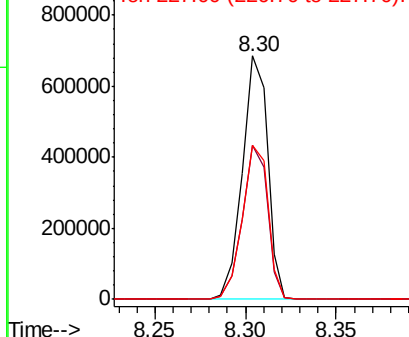
225 100

223 63.5 50.2 75.4

227 63.0 52.1 78.1



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



#35

Caprolactam

Concen: 20.029 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

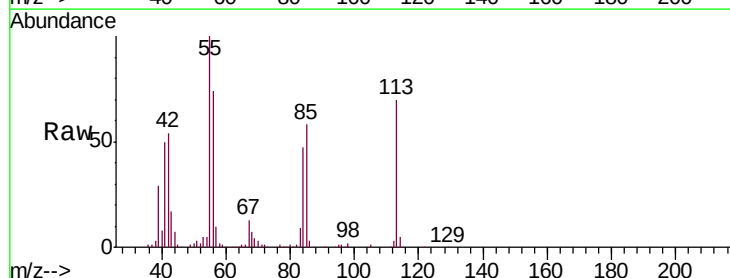
Tgt Ion:113 Resp: 143052

Ion Ratio Lower Upper

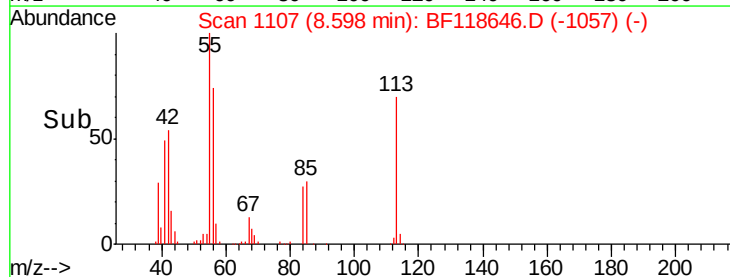
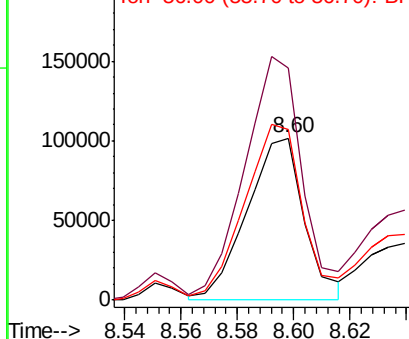
113 100

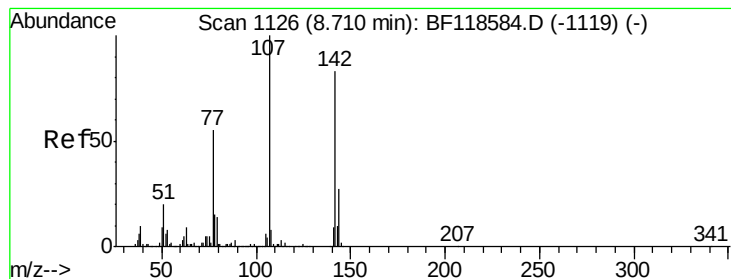
55 142.9 136.1 176.1

56 105.4 95.2 135.2



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





#36

4-Chloro-3-methylphenol

Concen: 47.948 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

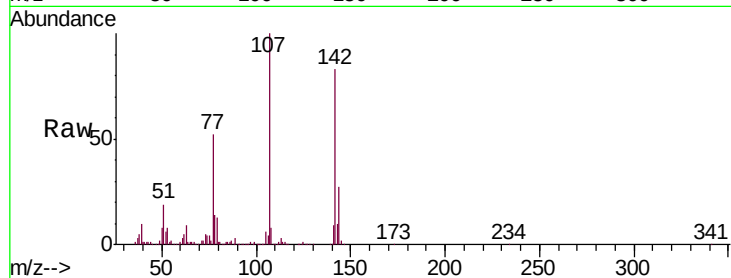
Tgt Ion:107 Resp: 1033390

Ion Ratio Lower Upper

107 100

144 27.0 21.8 32.8

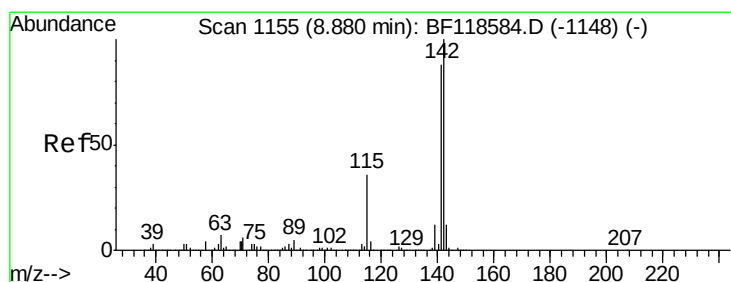
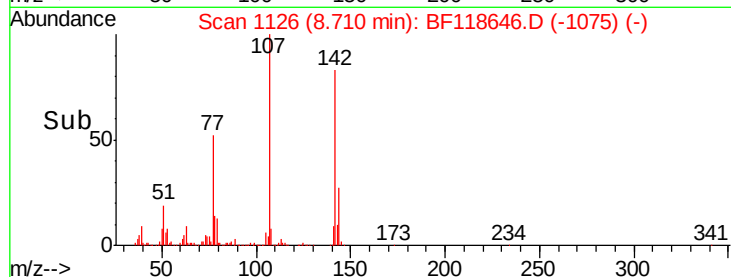
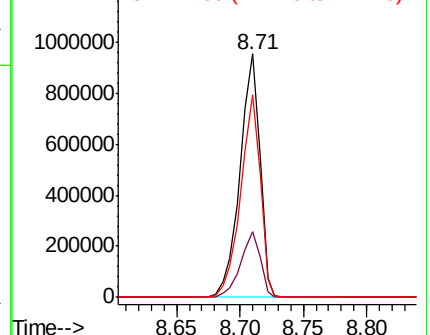
142 83.4 66.5 99.7



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 48.935 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

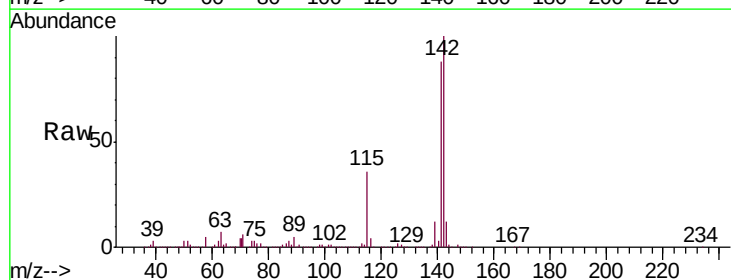
Tgt Ion:142 Resp: 2285280

Ion Ratio Lower Upper

142 100

141 88.4 70.7 106.1

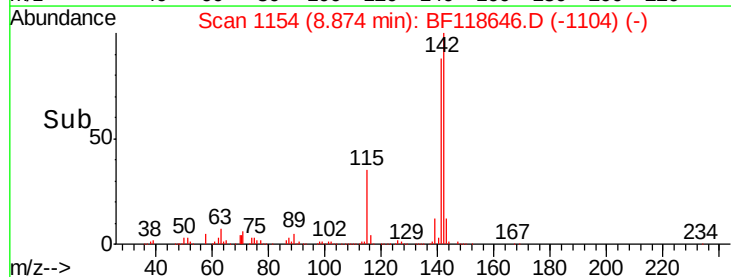
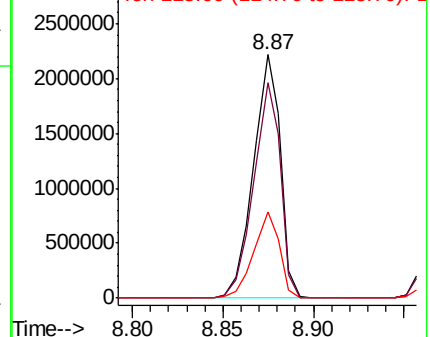
115 35.5 28.5 42.7

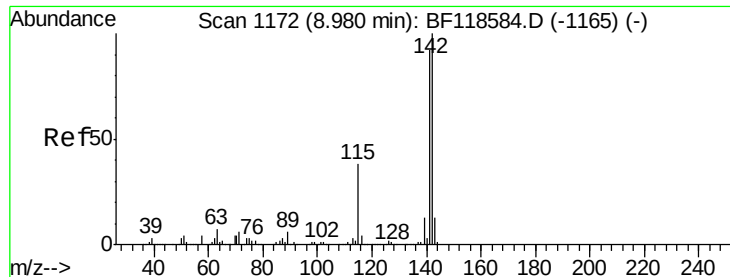


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

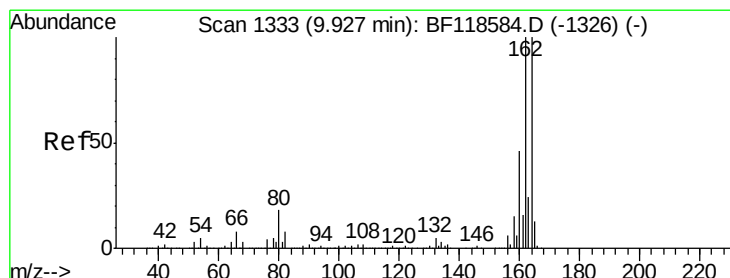
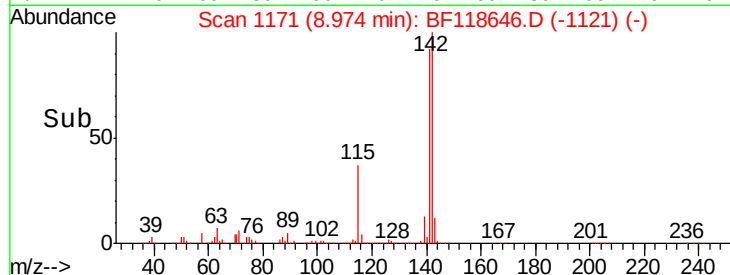
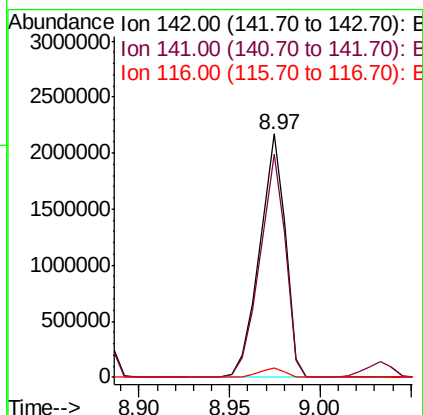
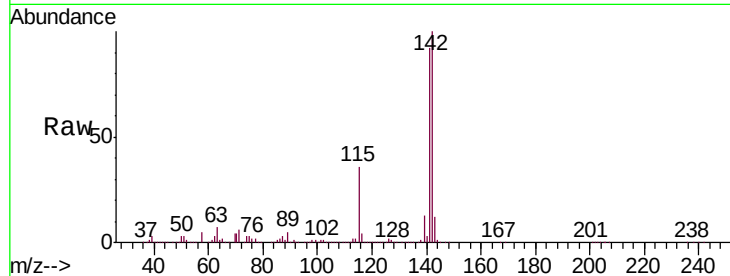




#38
 1-Methylnaphthalene
 Concen: 48.371 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

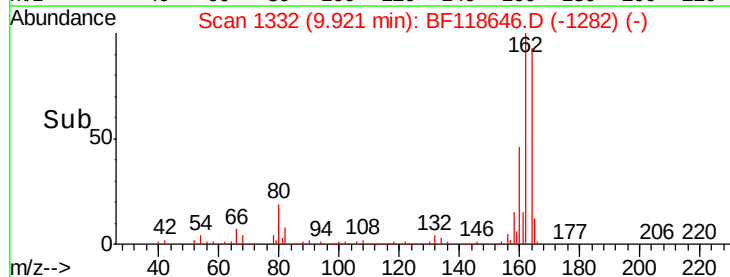
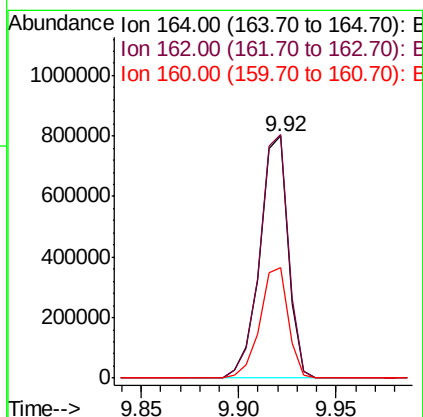
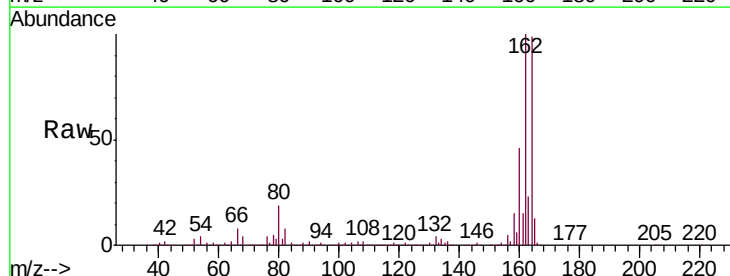
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

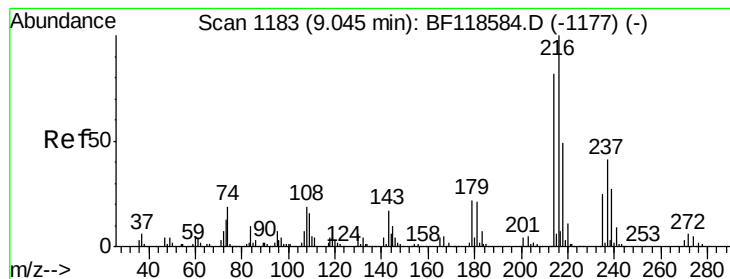
Tgt Ion:142 Resp: 2146096
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.4 110.2
 116 3.8 3.3 4.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion:164 Resp: 805605
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.4 120.6
 160 45.9 36.6 55.0





#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.782 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

Tgt Ion:216 Resp: 1128804

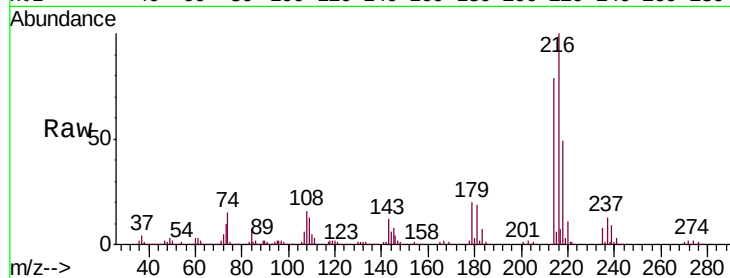
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 20.1 16.6 25.0

108 18.9 14.4 21.6

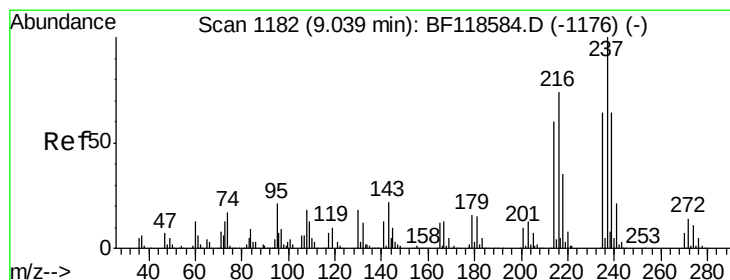
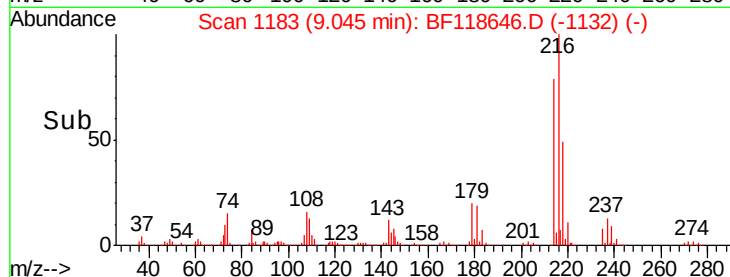
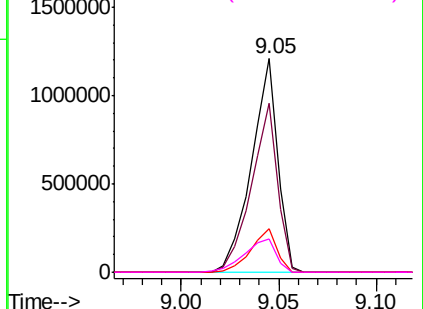


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

Hexachlorocyclopentadiene

Concen: 96.730 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

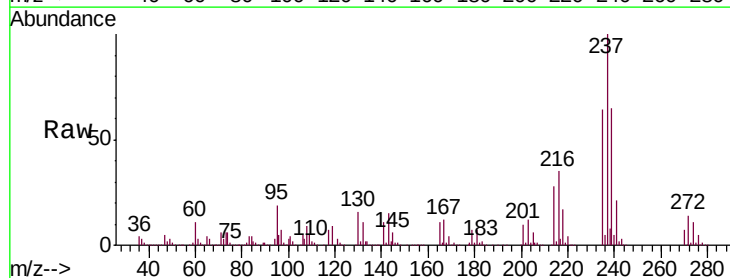
Tgt Ion:237 Resp: 1230177

Ion Ratio Lower Upper

237 100

235 63.9 44.0 84.0

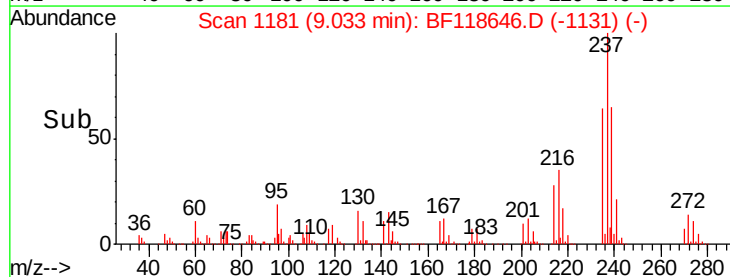
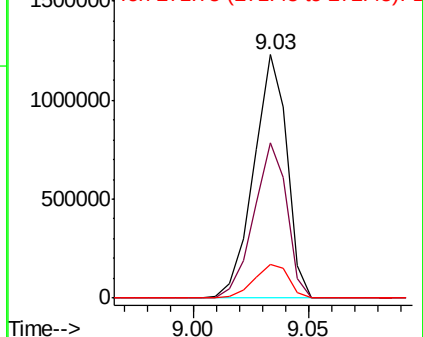
272 14.0 0.0 34.0

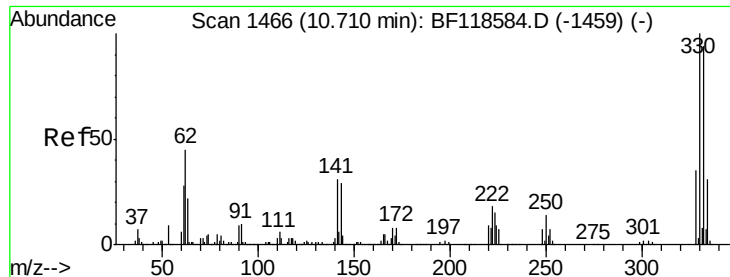


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 141.458 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

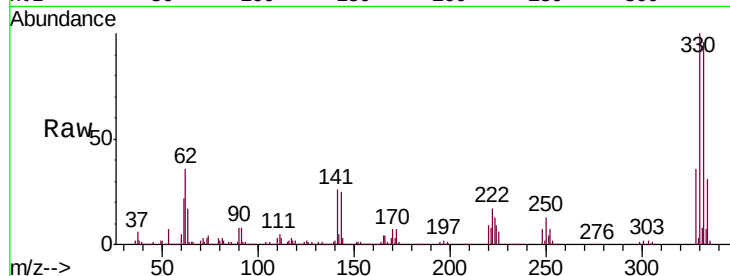
Tgt Ion:330 Resp: 1318082

Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

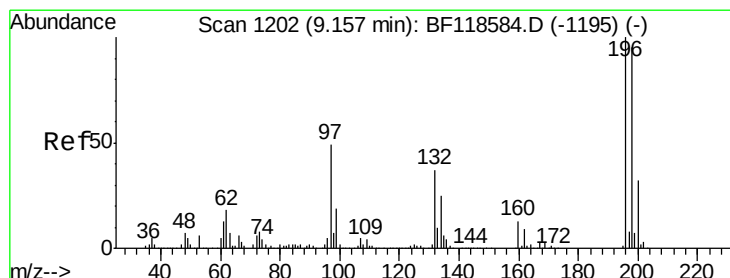
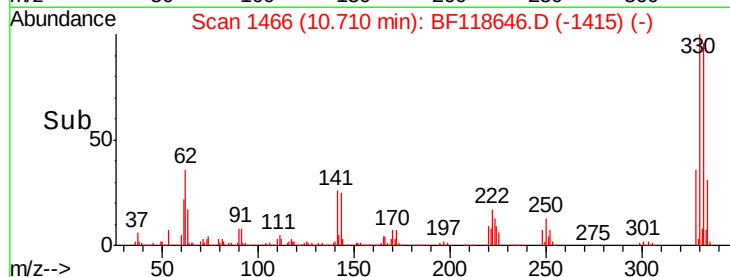
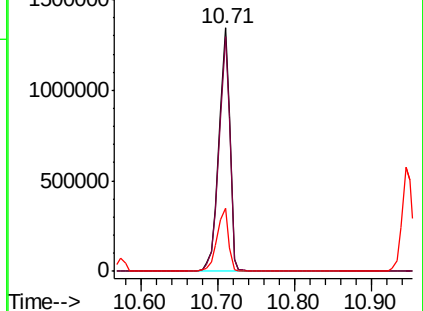
141 26.8 23.9 35.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 48.327 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

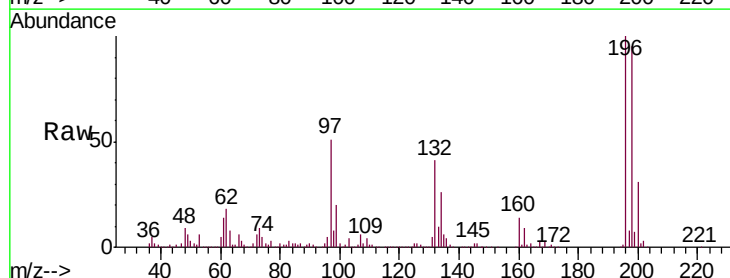
Tgt Ion:196 Resp: 808357

Ion Ratio Lower Upper

196 100

198 95.2 76.3 114.5

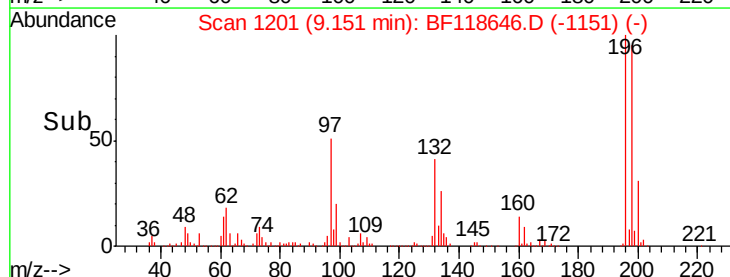
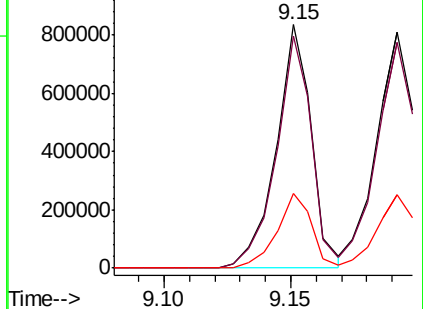
200 30.6 25.4 38.2

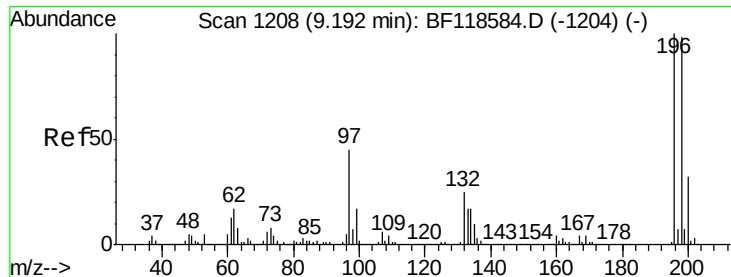


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

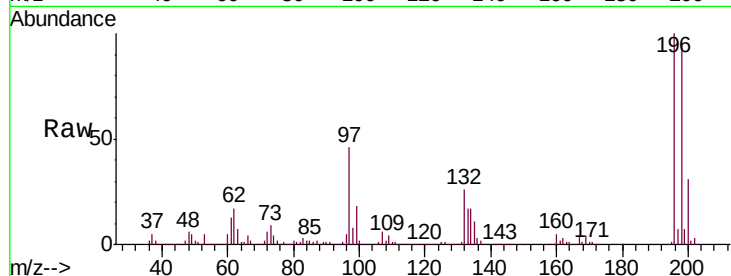




#44
 2,4,5-Trichlorophenol
 Concen: 49.323 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

Tgt Ion	Resp	Lower	Upper
196	842582		
196	100		
198	96.0	78.3	117.5
97	45.6	35.9	53.9
132	26.0	20.3	30.5



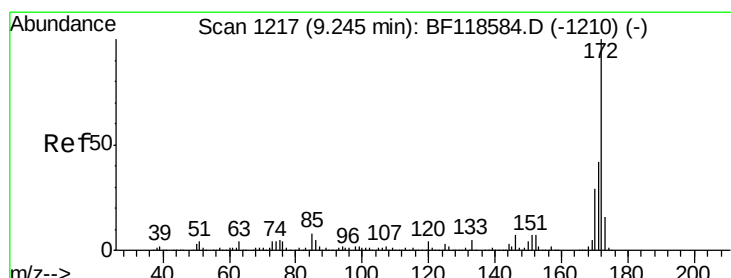
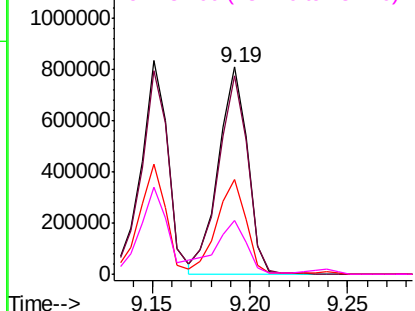
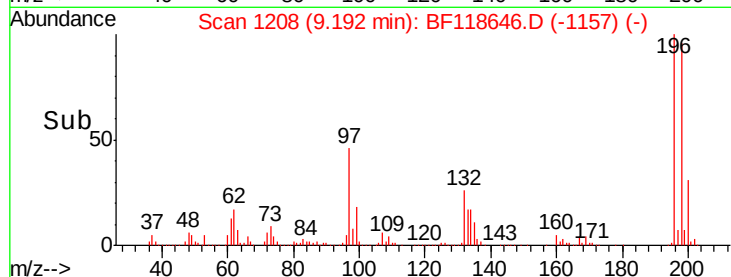
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

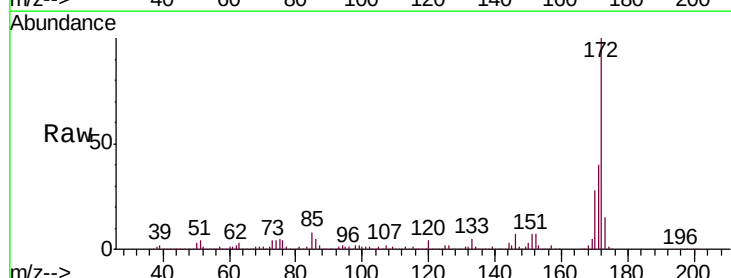
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.680 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion	Resp	Lower	Upper
172	4346587		
172	100		
171	40.3	33.4	50.2
170	27.6	23.2	34.8

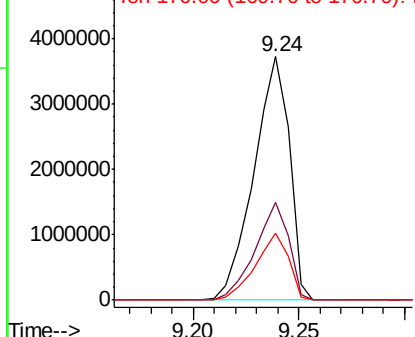
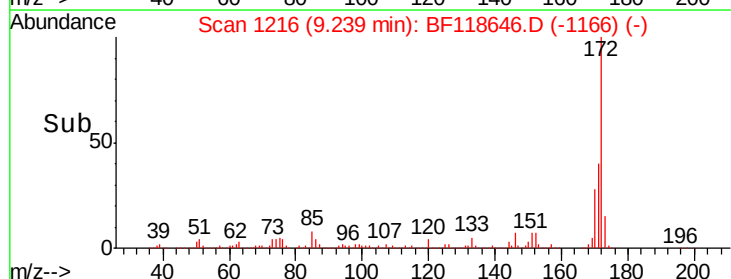


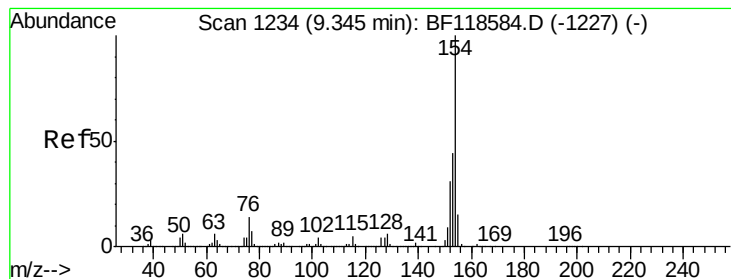
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 48.410 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

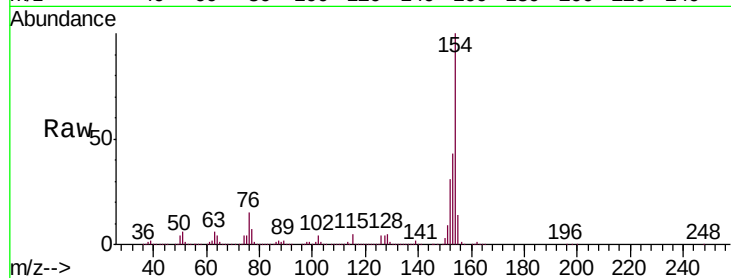
Tgt Ion:154 Resp: 2687827

Ion Ratio Lower Upper

154 100

153 43.4 23.8 63.8

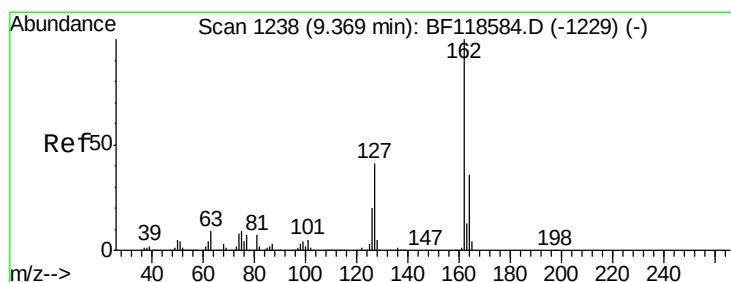
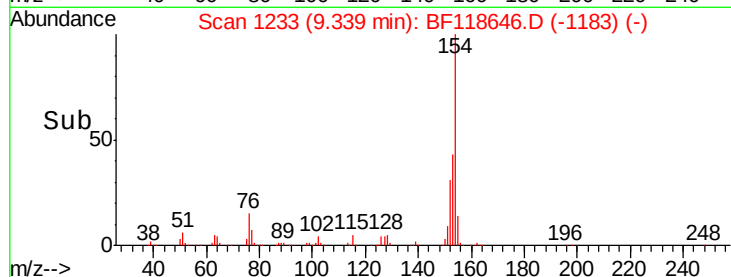
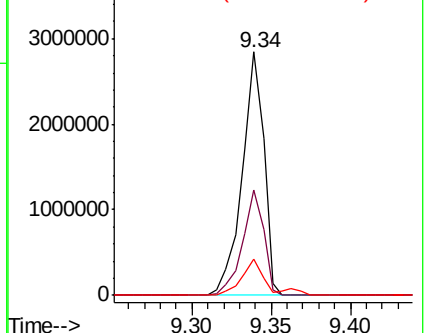
76 14.8 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 46.892 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

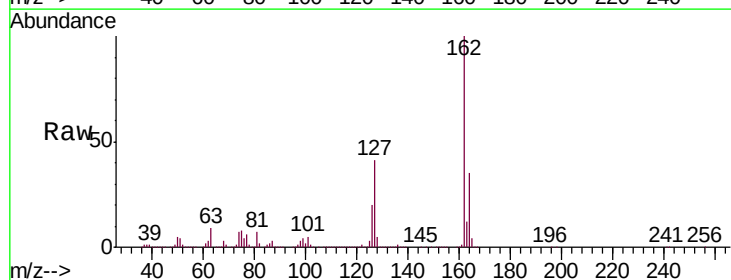
Tgt Ion:162 Resp: 2194462

Ion Ratio Lower Upper

162 100

127 40.9 33.0 49.6

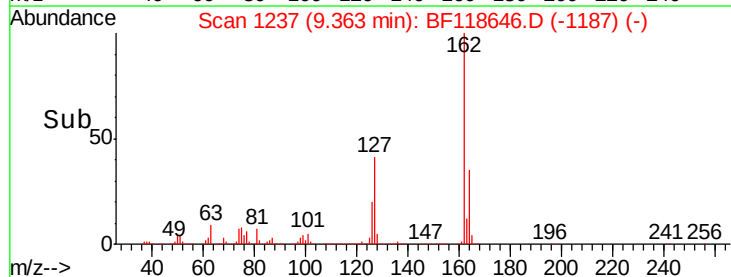
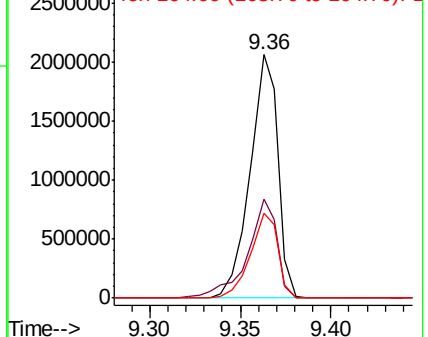
164 34.9 28.6 42.8

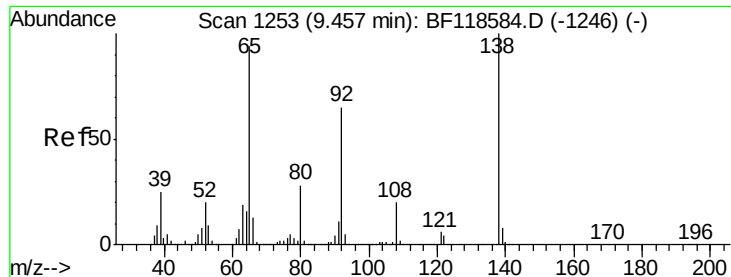


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 40.556 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

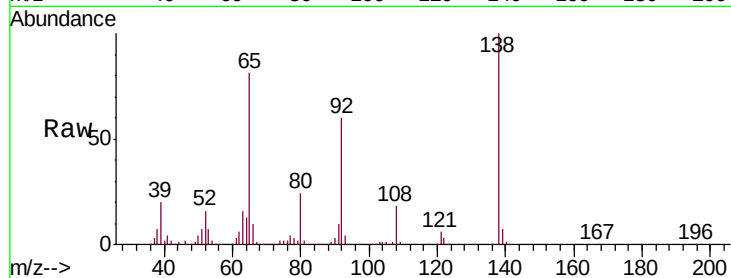
Tgt Ion: 65 Resp: 583420

Ion Ratio Lower Upper

65 100

92 74.3 55.4 83.0

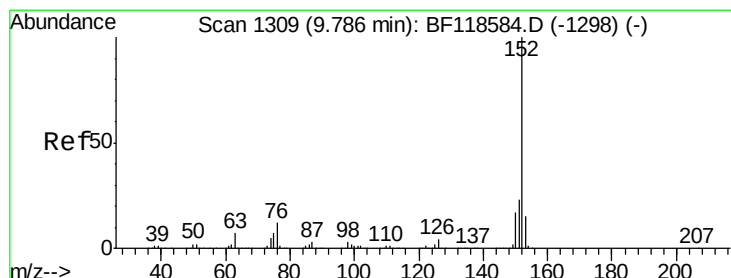
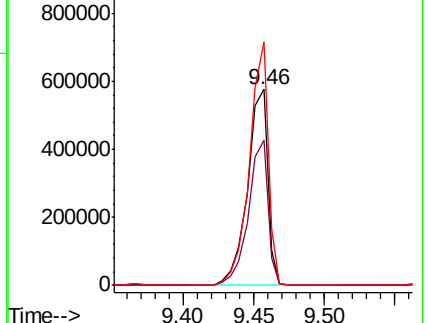
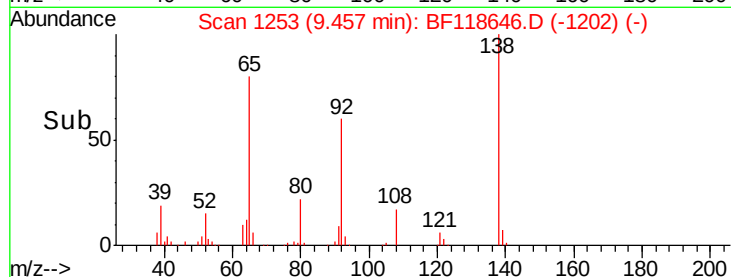
138 124.2 85.0 127.6



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#49

Acenaphthylene

Concen: 50.161 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

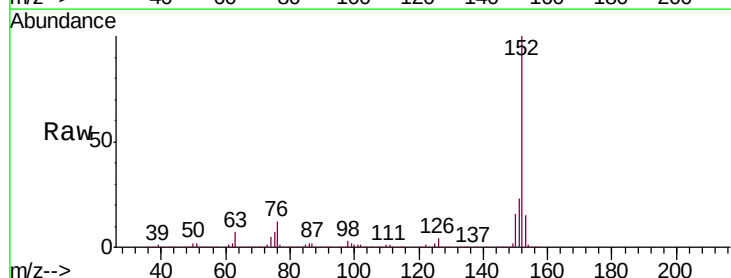
Tgt Ion: 152 Resp: 3302402

Ion Ratio Lower Upper

152 100

151 22.6 18.6 27.8

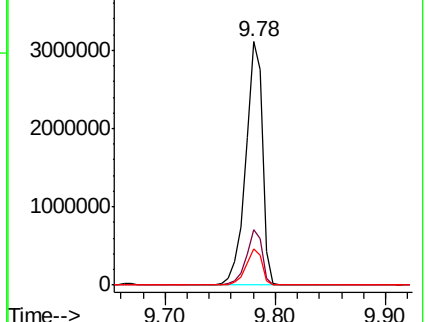
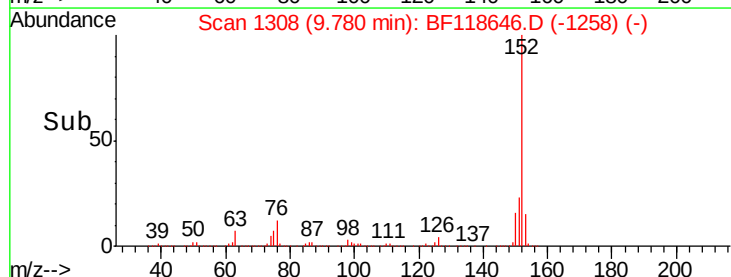
153 15.1 12.2 18.4

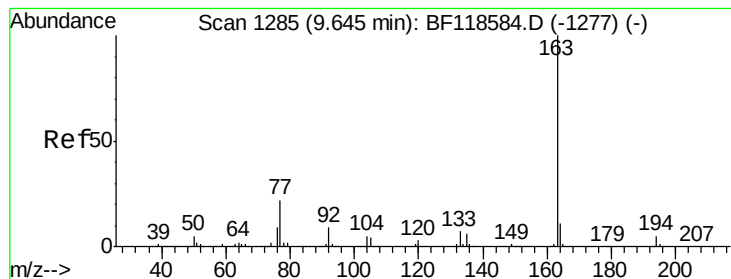


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 52.412 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

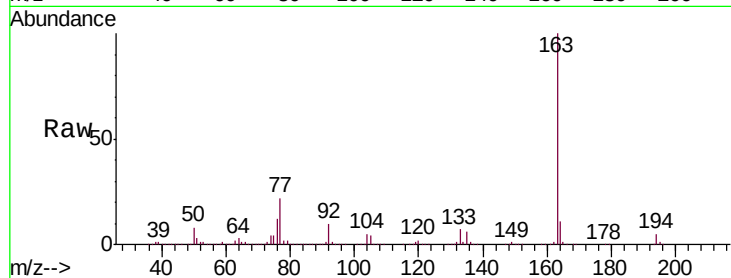
Tgt Ion:163 Resp: 2750920

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

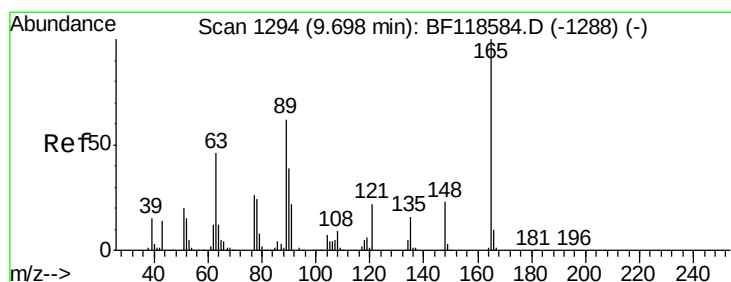
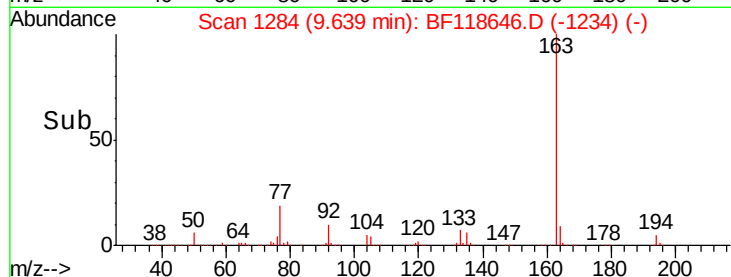
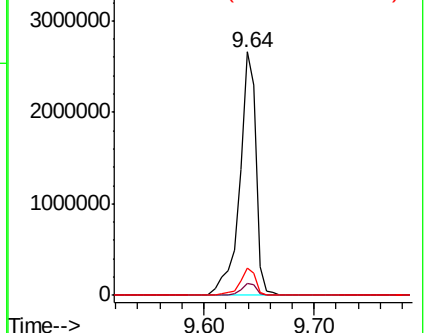
164 11.3 9.1 13.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 49.622 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

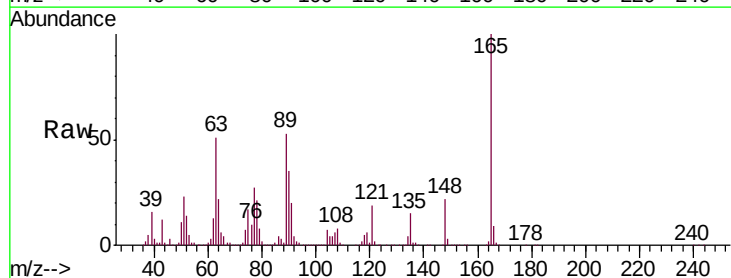
Tgt Ion:165 Resp: 583208

Ion Ratio Lower Upper

165 100

63 50.8 48.9 73.3

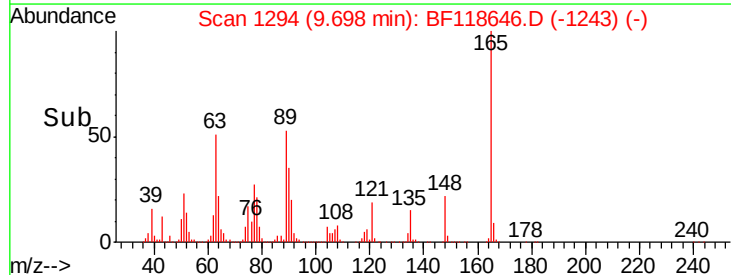
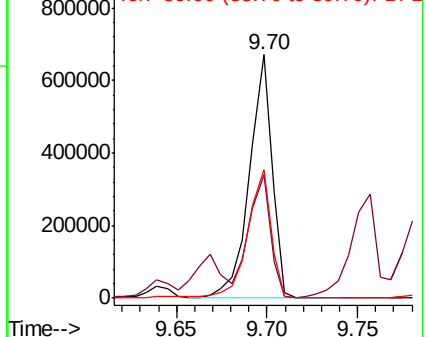
89 52.5 49.8 74.6

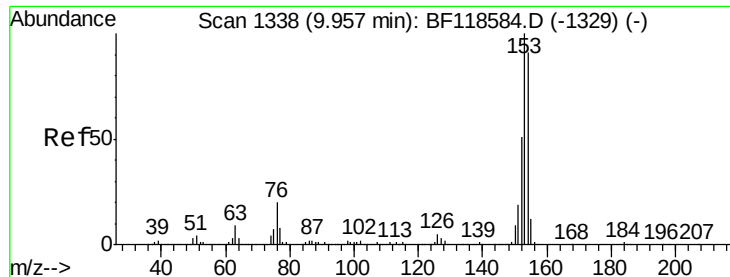


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 51.758 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

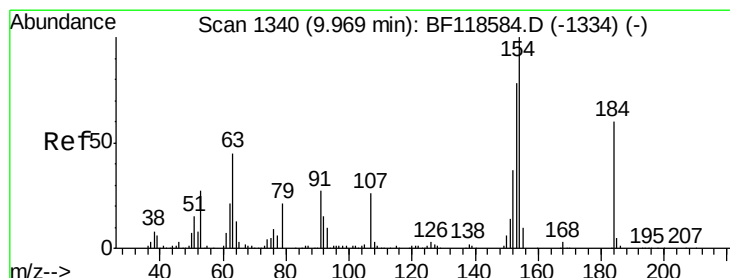
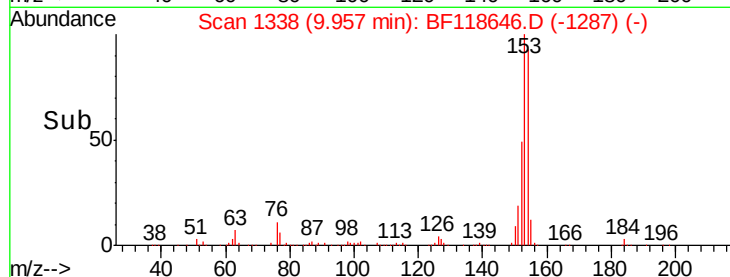
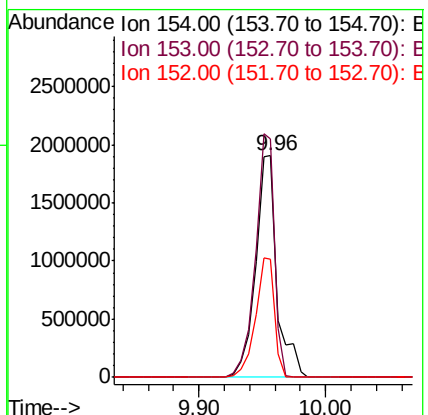
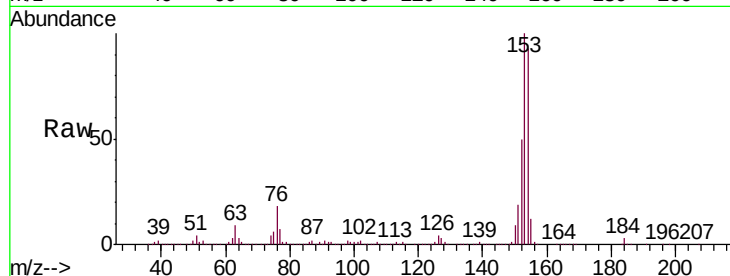
Tgt Ion:154 Resp: 2278520

Ion Ratio Lower Upper

154 100

153 107.7 87.6 131.4

152 53.6 44.4 66.6



#54

2,4-Dinitrophenol

Concen: 105.777 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

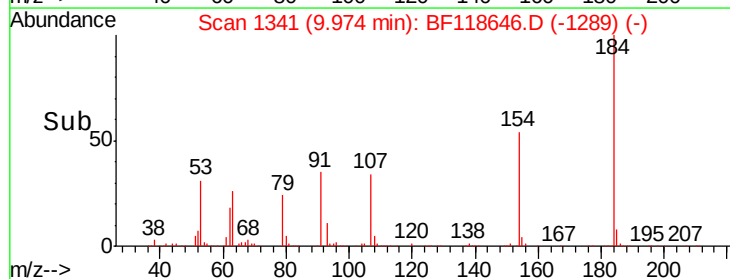
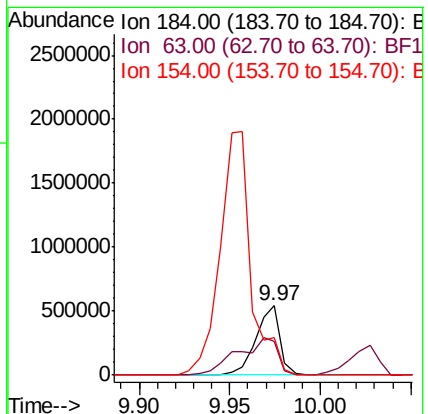
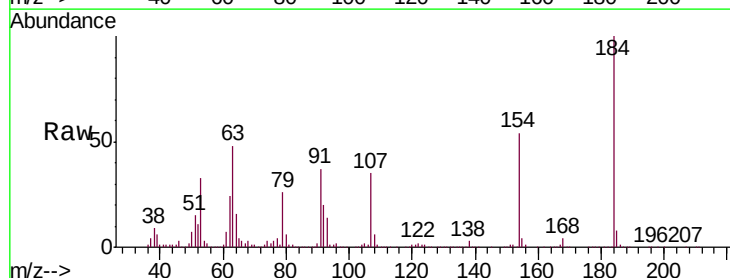
Tgt Ion:184 Resp: 496322

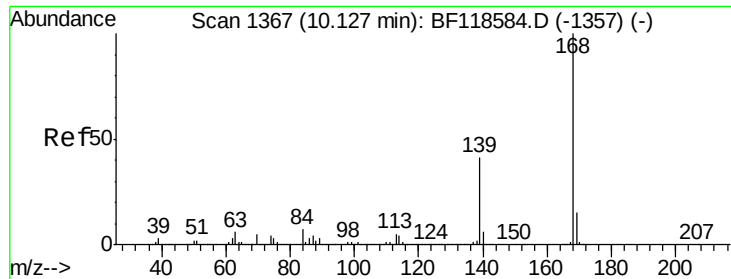
Ion Ratio Lower Upper

184 100

63 48.3 60.6 90.8#

154 54.3 137.3 205.9#

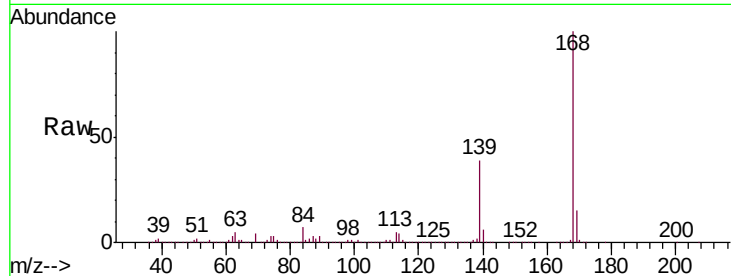




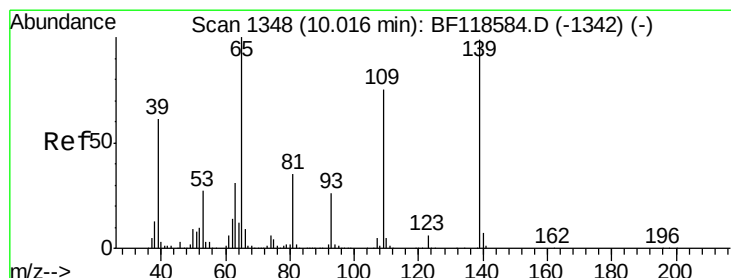
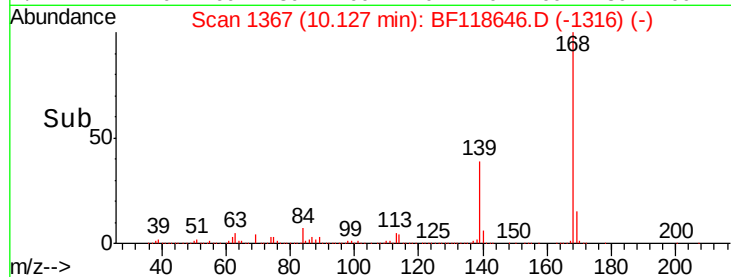
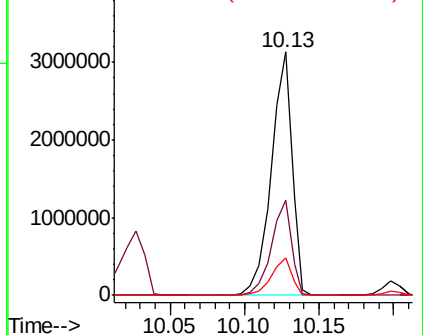
#55
Dibenzenofuran
Concen: 49.534 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion:168 Resp: 3021958
Ion Ratio Lower Upper
168 100
139 38.9 32.7 49.1
169 15.2 12.2 18.2

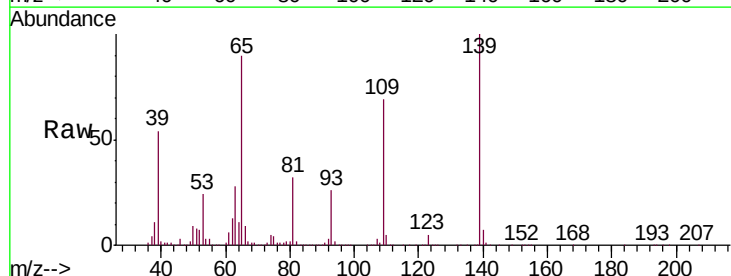


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

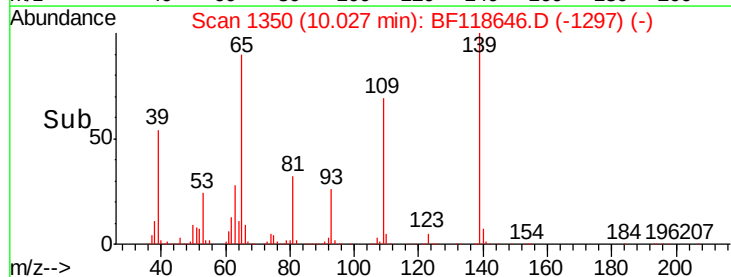
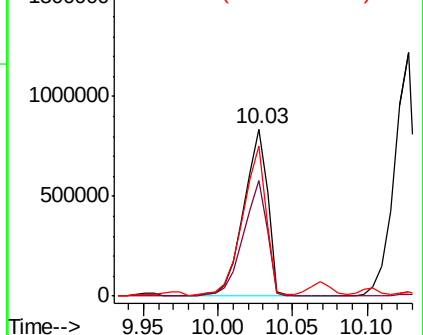


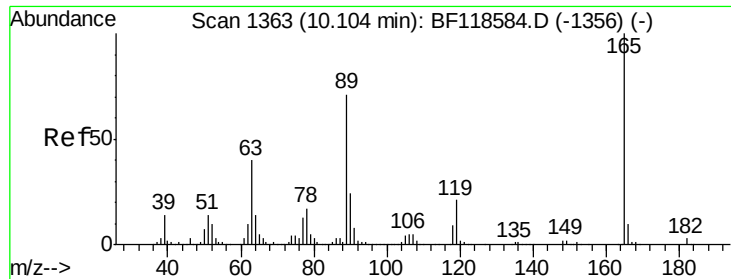
#56
4-Nitrophenol
Concen: 91.688 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:139 Resp: 928909
Ion Ratio Lower Upper
139 100
109 69.3 56.0 96.0
65 90.0 81.4 121.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

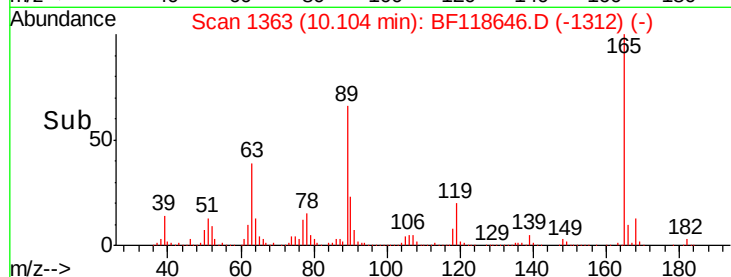
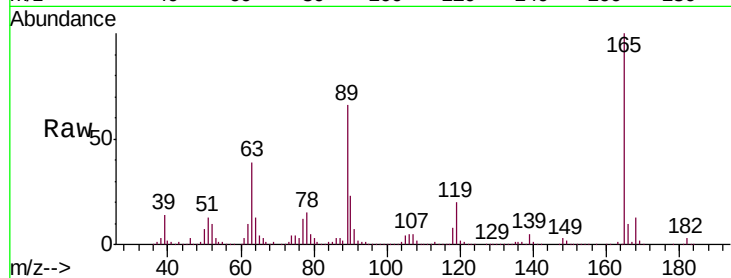




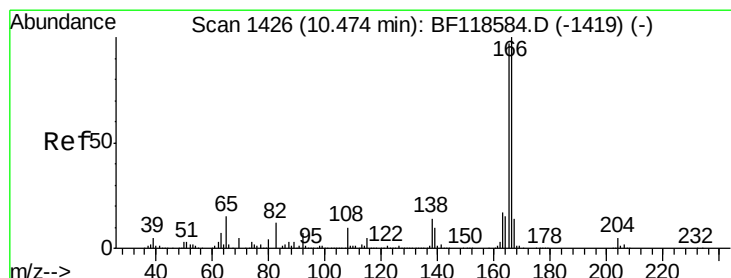
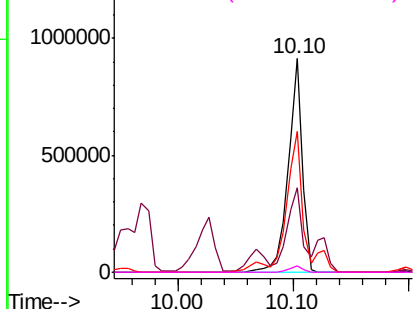
#57
2,4-Dinitrotoluene
Concen: 52.654 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.3	32.4	48.6
89	65.8	56.4	84.6
182	3.0	2.3	3.5

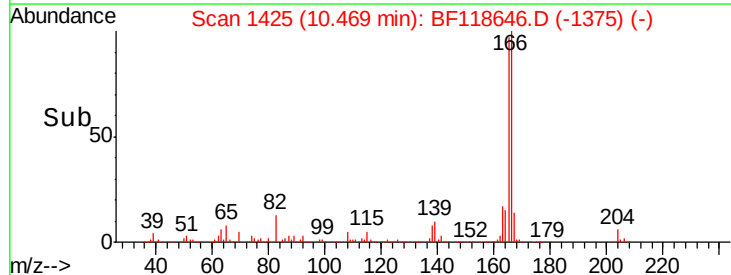
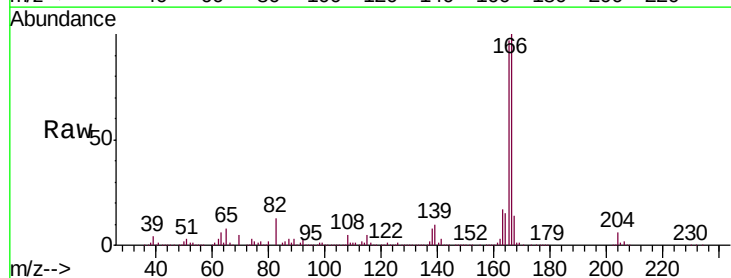


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

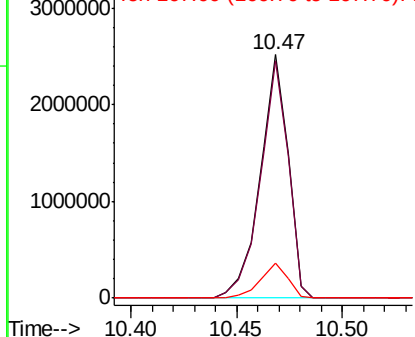


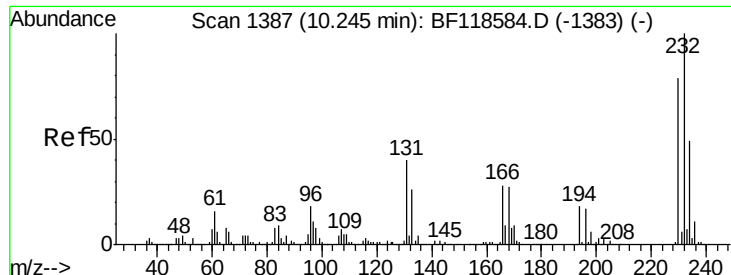
#58
Fluorene
Concen: 48.303 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.3	115.9
167	14.5	11.5	17.3



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

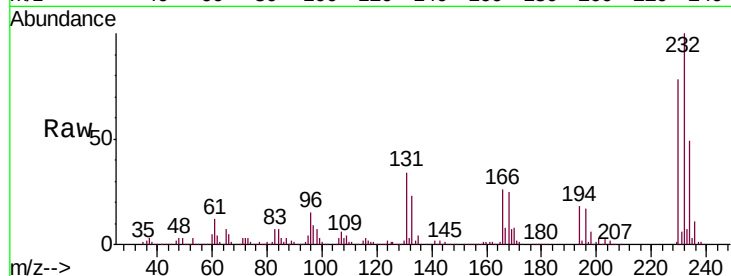




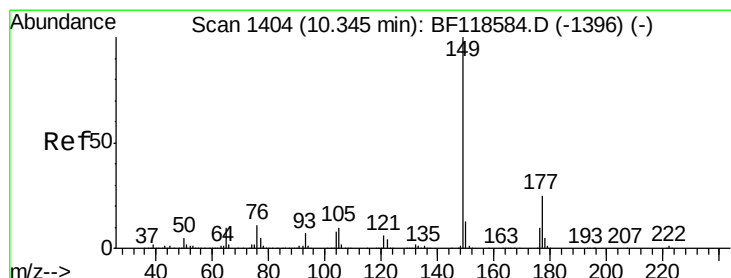
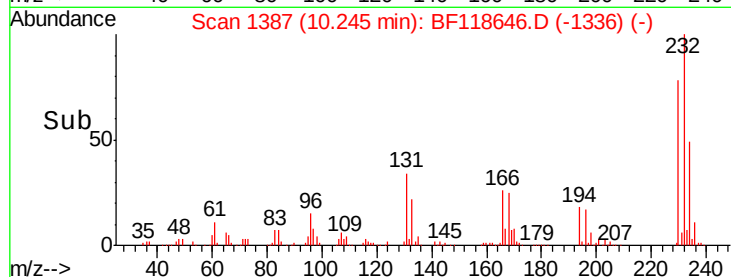
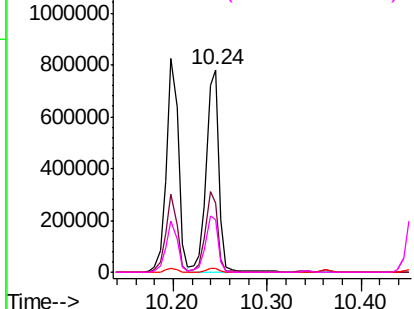
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.562 ng
RT: 10.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion:	232	Resp:	744697
Ion	Ratio	Lower	Upper
232	100		
131	38.5	33.2	49.8
130	2.0	1.8	2.6
166	27.7	22.6	33.8

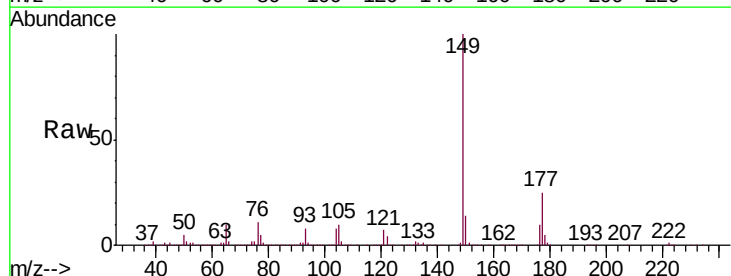


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

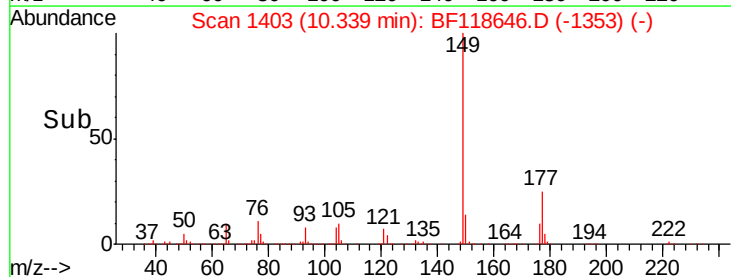
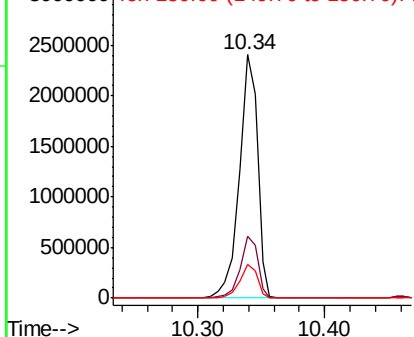


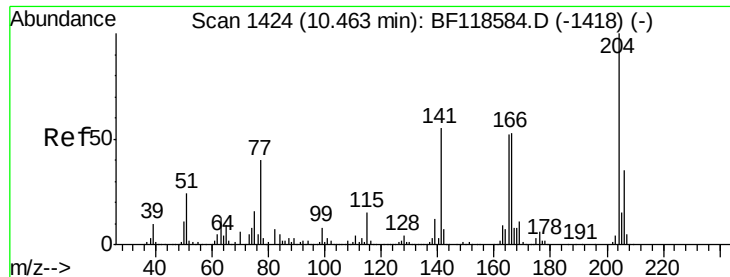
#60
Diethylphthalate
Concen: 46.588 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:	149	Resp:	2370813
Ion	Ratio	Lower	Upper
149	100		
177	25.2	20.0	30.0
150	13.7	10.6	16.0



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

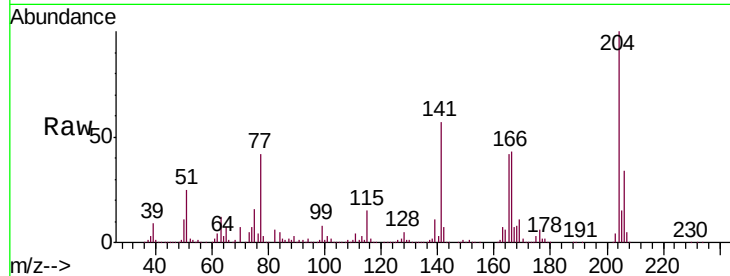




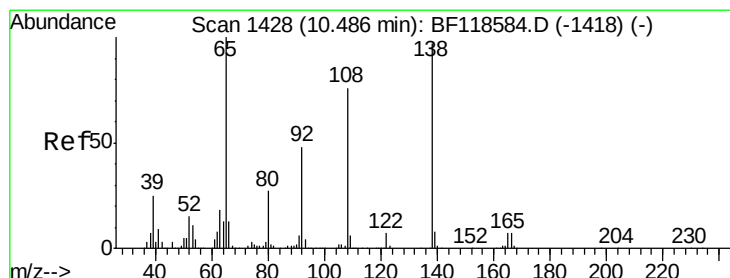
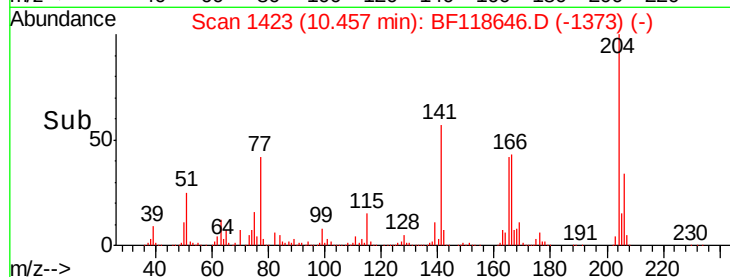
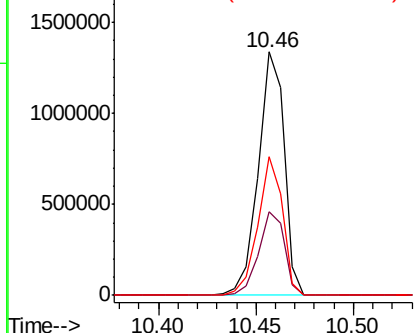
#61
4-Chlorophenyl-phenylether
Concen: 47.207 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion:204 Resp: 1229658
Ion Ratio Lower Upper
204 100
206 34.2 27.8 41.6
141 57.1 43.7 65.5

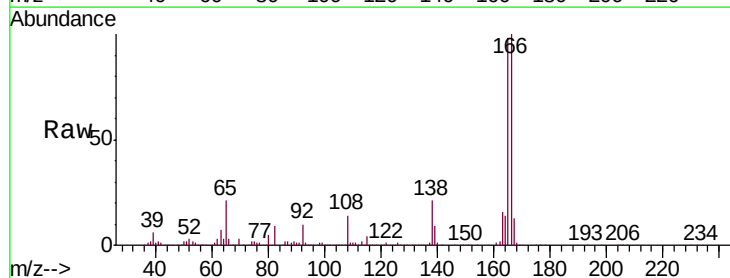


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

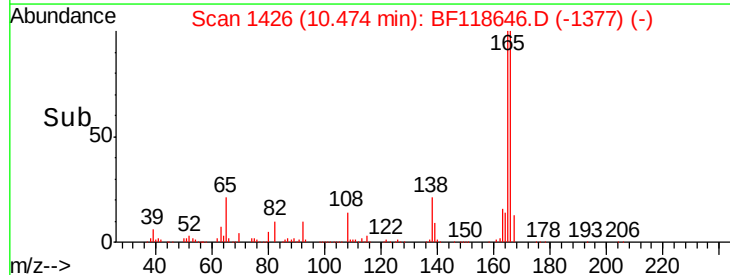
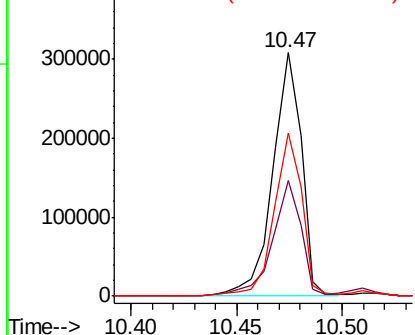


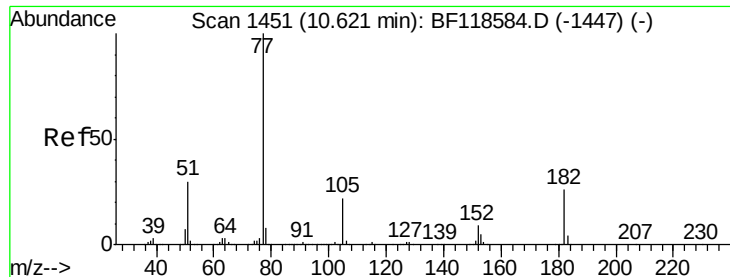
#62
4-Nitroaniline
Concen: 21.277 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:138 Resp: 292897
Ion Ratio Lower Upper
138 100
92 47.5 29.4 69.4
108 67.2 58.2 98.2



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





#63

Azobenzene

Concen: 47.105 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

Tgt Ion: 77 Resp: 2321546

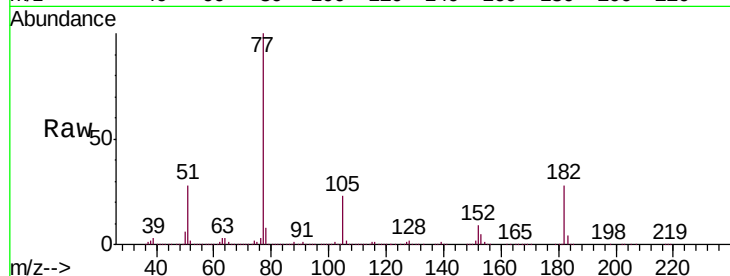
Ion Ratio Lower Upper

77 100

182 27.8 5.6 45.6

105 22.6 2.0 42.0

51 28.2 10.2 50.2

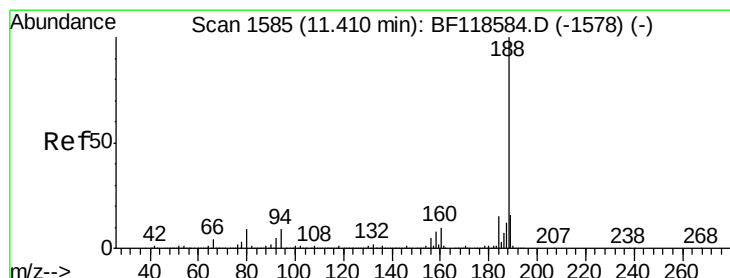
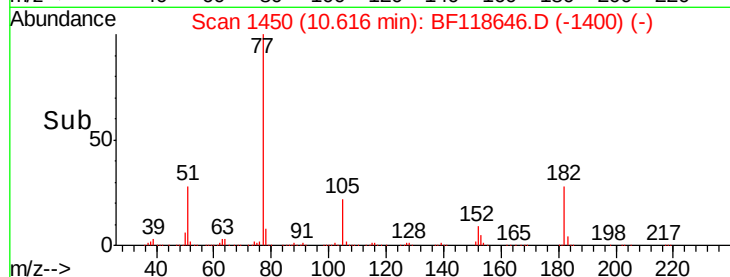
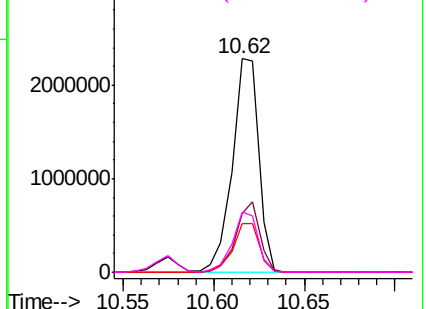


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

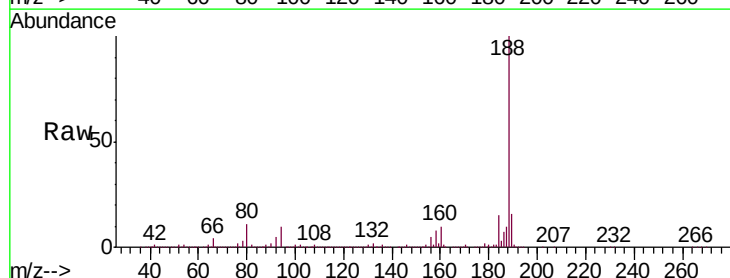
Tgt Ion: 188 Resp: 1481827

Ion Ratio Lower Upper

188 100

94 9.5 7.1 10.7

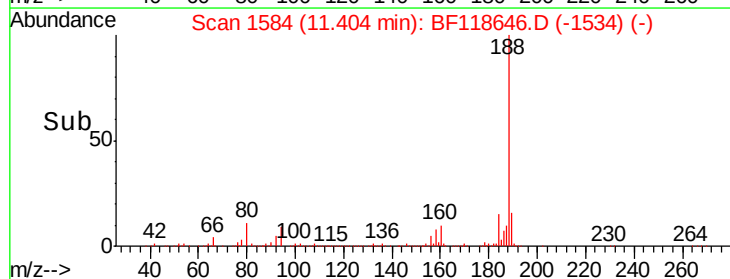
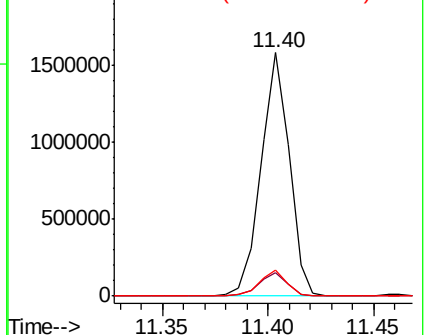
80 10.6 7.5 11.3

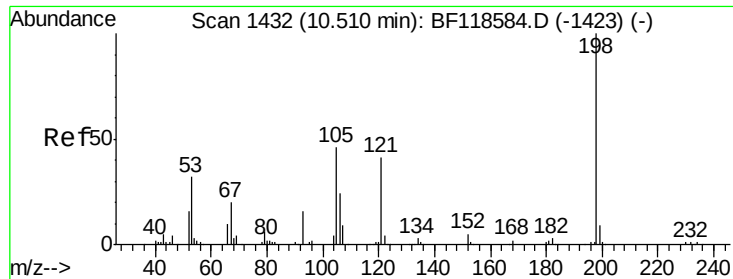


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

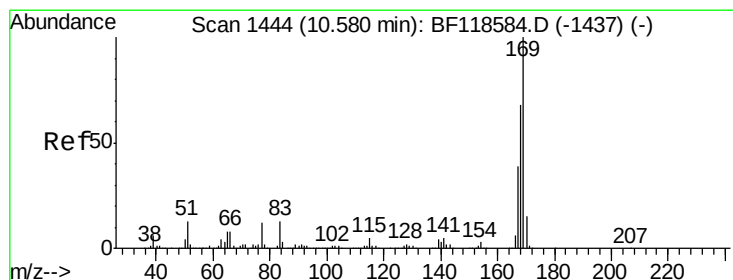
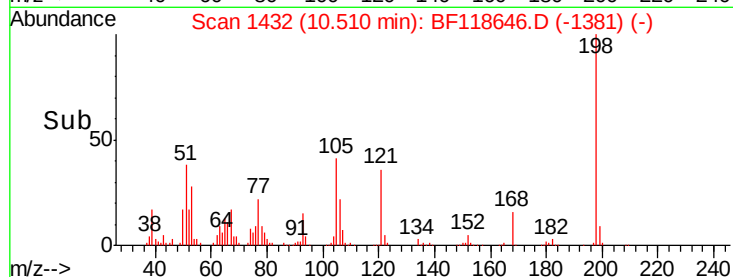
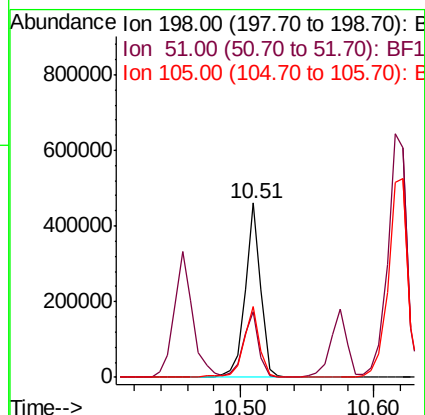
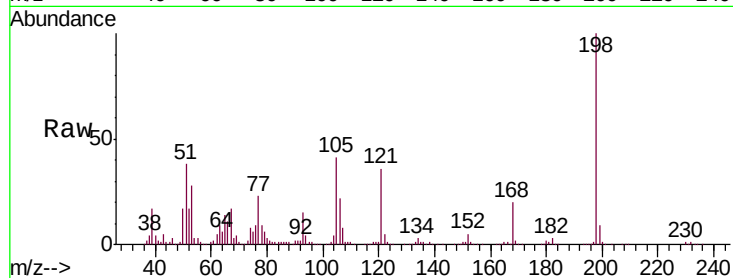




#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.329 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

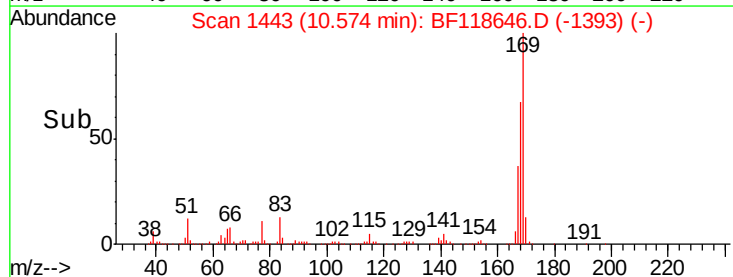
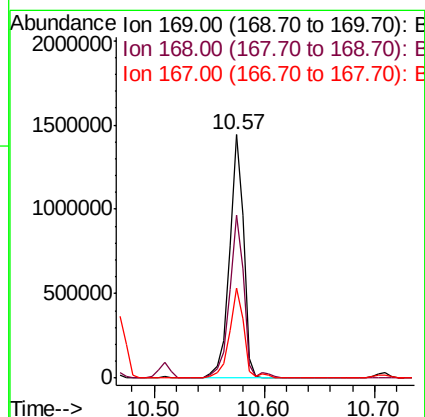
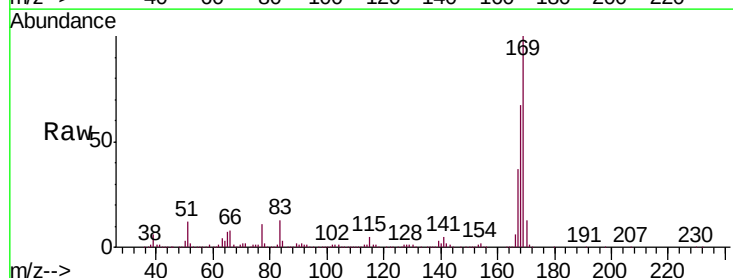
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

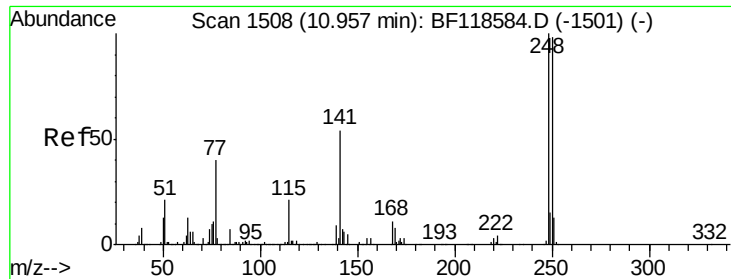
Tgt Ion:198 Resp: 367039
 Ion Ratio Lower Upper
 198 100
 51 37.9 25.2 65.2
 105 40.7 26.3 66.3



#66
 n-Nitrosodiphenylamine
 Concen: 28.932 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion:169 Resp: 1292919
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.6 82.0
 167 37.1 30.9 46.3

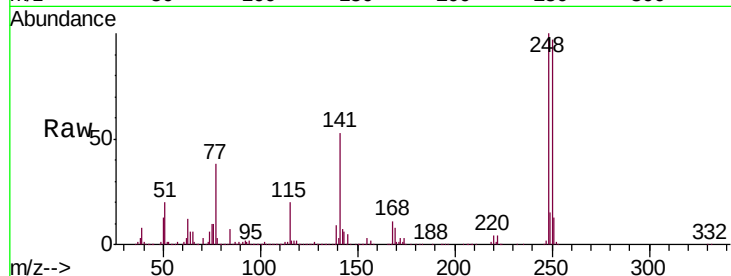




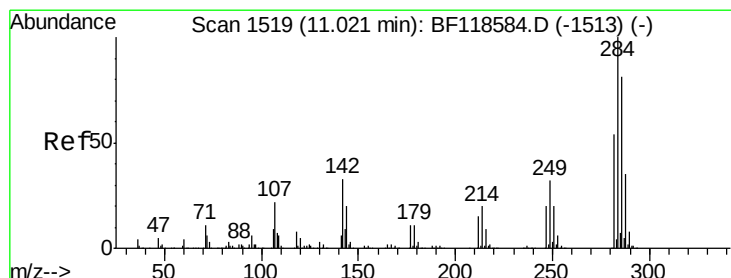
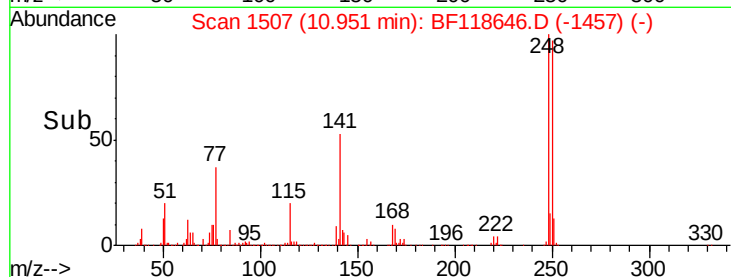
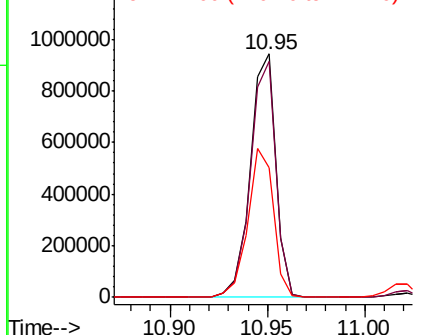
#67
4-Bromophenyl-phenylether
Concen: 46.671 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion:248 Resp: 854420
Ion Ratio Lower Upper
248 100
250 97.0 78.7 118.1
141 53.3 43.2 64.8

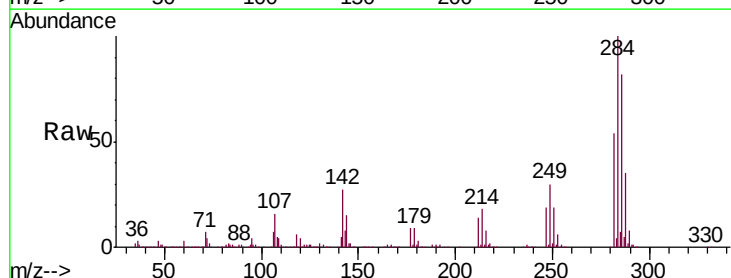


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

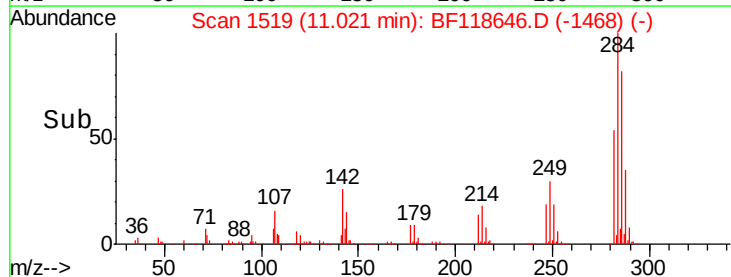
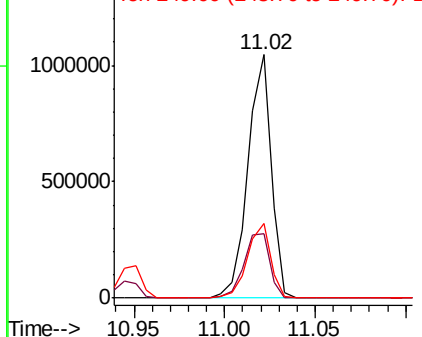


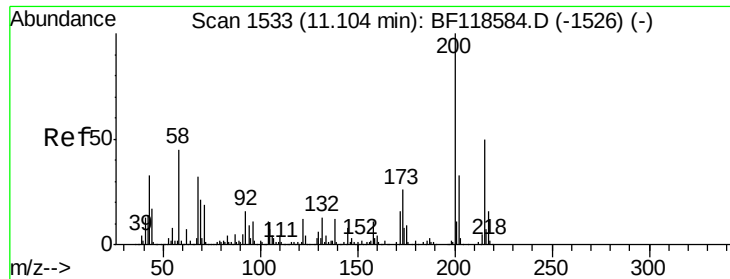
#68
Hexachlorobenzene
Concen: 45.143 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:284 Resp: 936983
Ion Ratio Lower Upper
284 100
142 26.6 26.6 39.8#
249 30.4 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

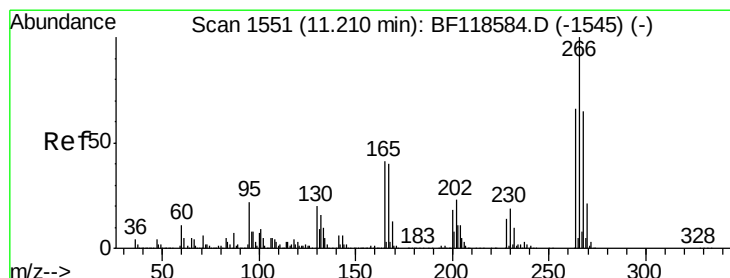
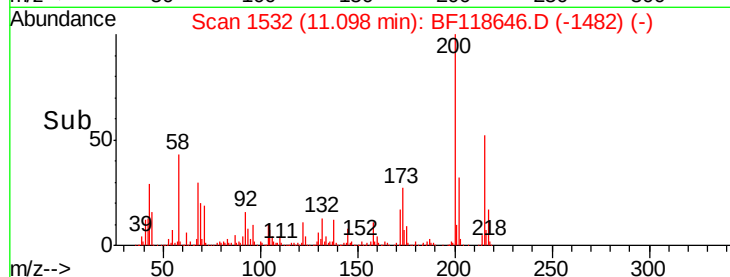
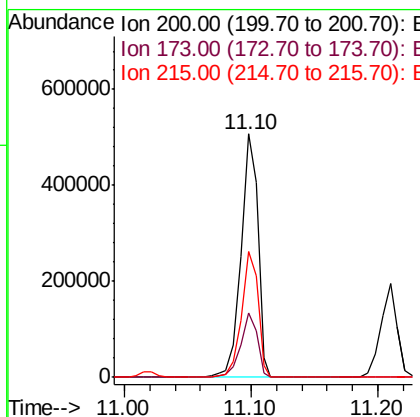
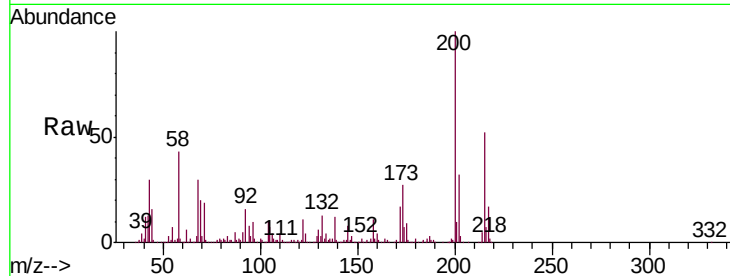




#69
Atrazine
Concen: 29.751 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

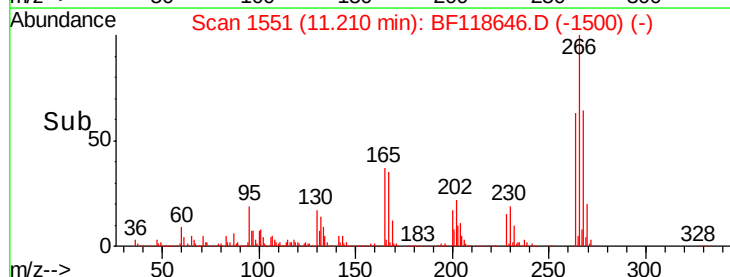
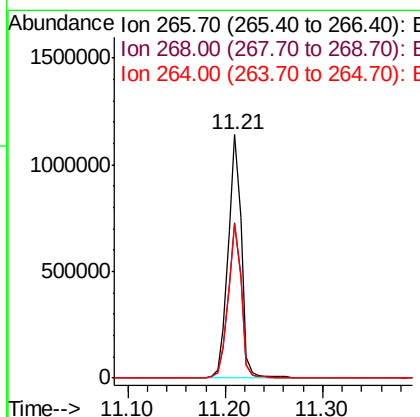
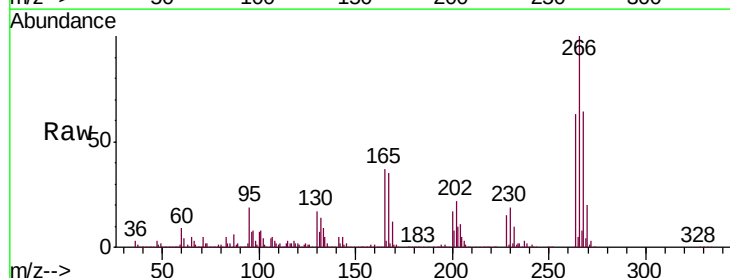
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

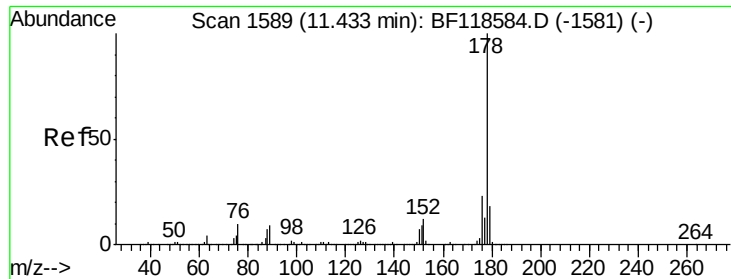
Tgt Ion:200 Resp: 460820
Ion Ratio Lower Upper
200 100
173 26.7 6.3 46.3
215 51.7 30.2 70.2



#70
Pentachlorophenol
Concen: 93.744 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:266 Resp: 1081796
Ion Ratio Lower Upper
266 100
268 63.9 52.1 78.1
264 63.4 52.4 78.6

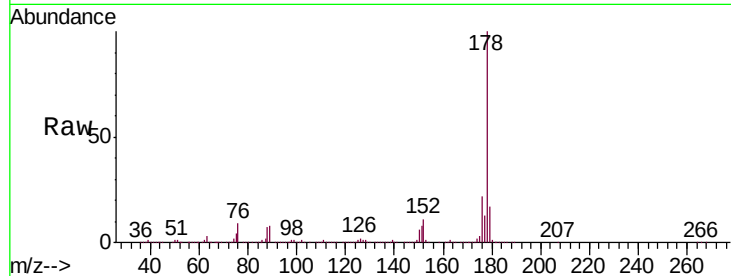




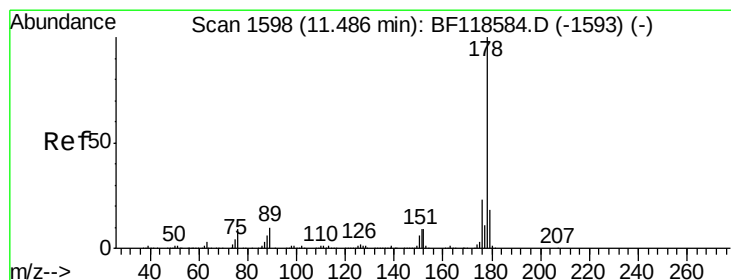
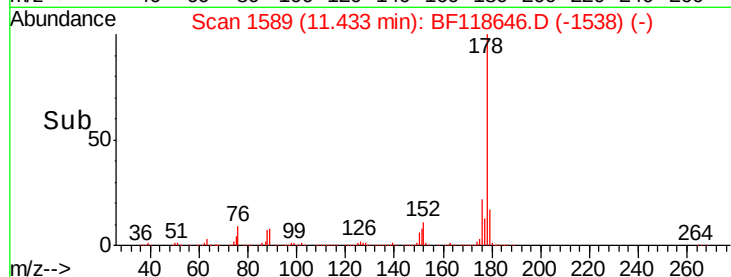
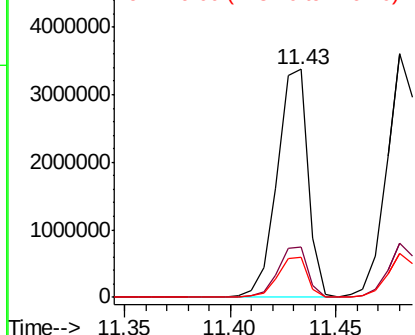
#71
Phenanthrene
Concen: 48.216 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion:178 Resp: 3446916
Ion Ratio Lower Upper
178 100
176 22.0 18.6 27.8
179 17.4 14.7 22.1

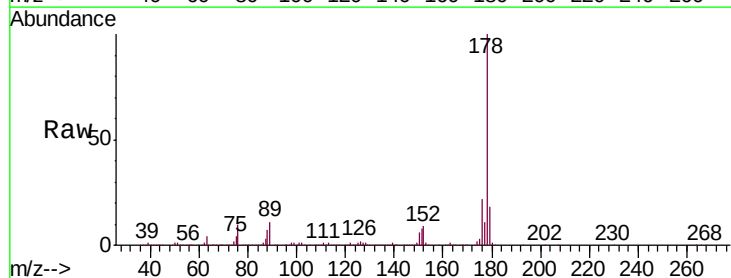


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

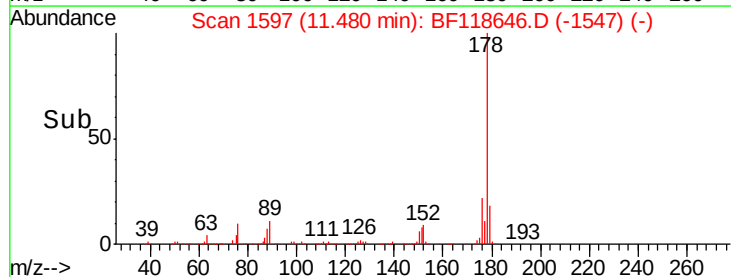
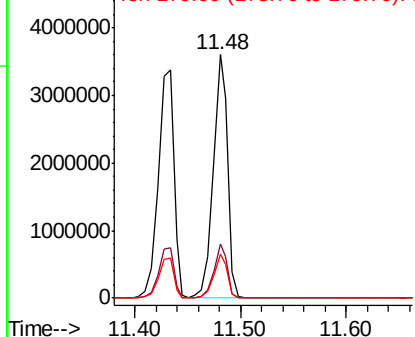


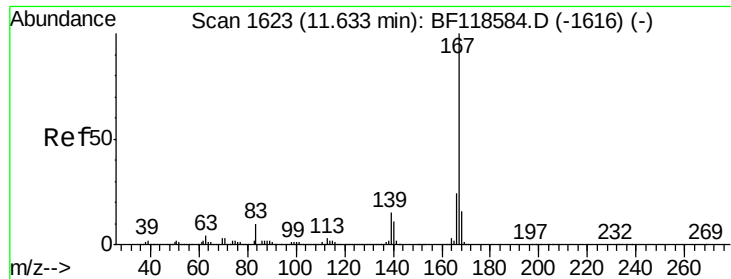
#72
Anthracene
Concen: 49.269 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:178 Resp: 3485218
Ion Ratio Lower Upper
178 100
176 22.1 18.0 27.0
179 18.2 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

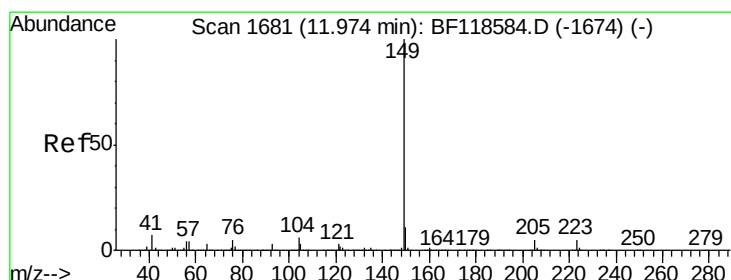
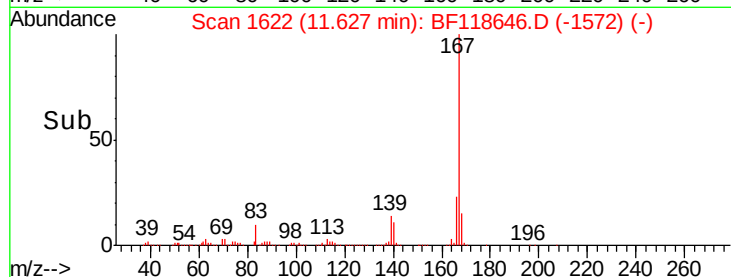
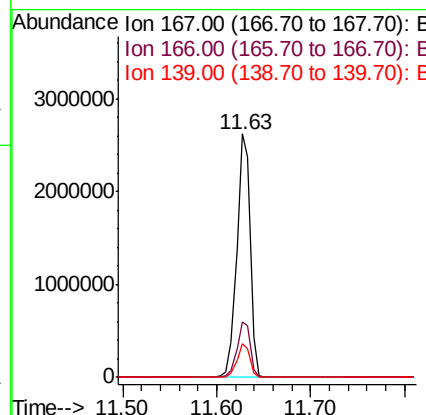
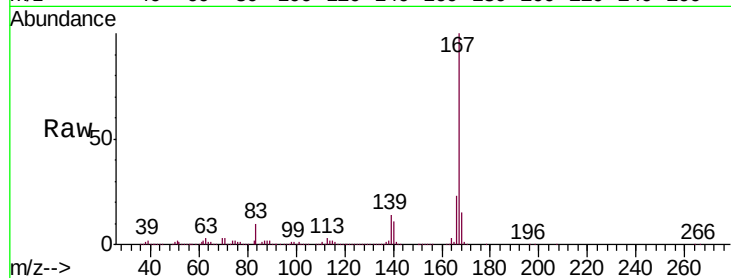




#73
 Carbazole
 Concen: 39.900 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

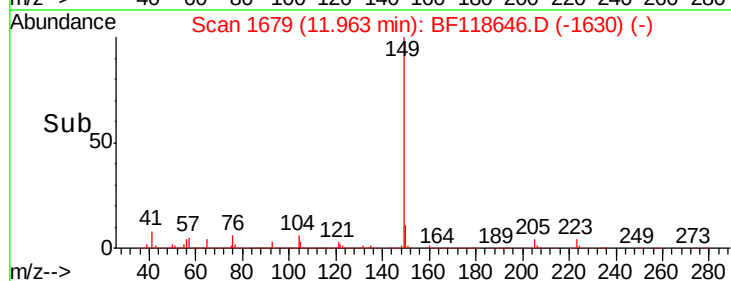
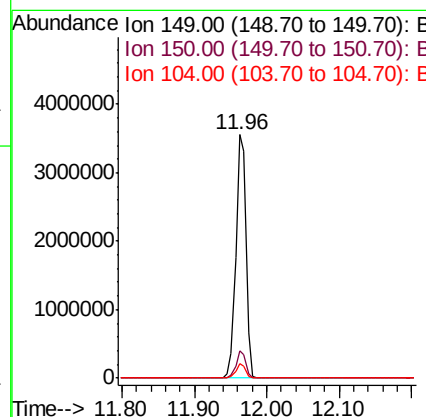
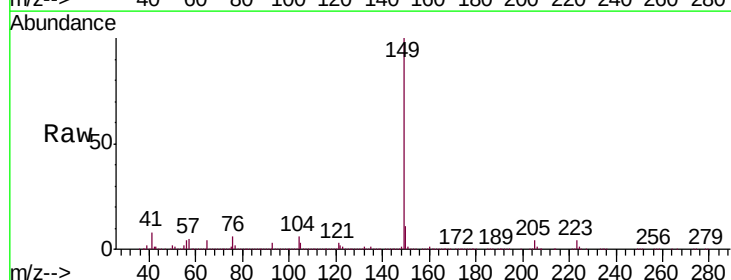
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

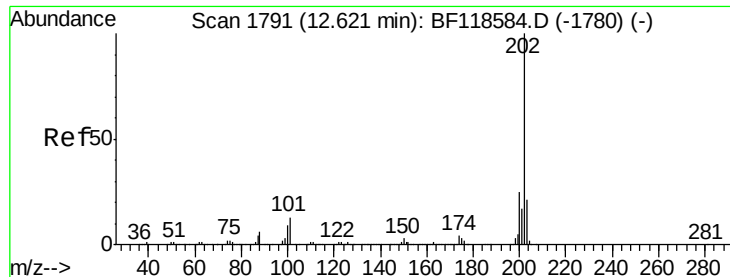
Tgt Ion:167 Resp: 2588882
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.4 29.2
 139 13.8 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 48.108 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion:149 Resp: 3467998
 Ion Ratio Lower Upper
 149 100
 150 11.2 8.7 13.1
 104 5.8 4.6 6.8





#75

Fluoranthene

Concen: 47.801 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

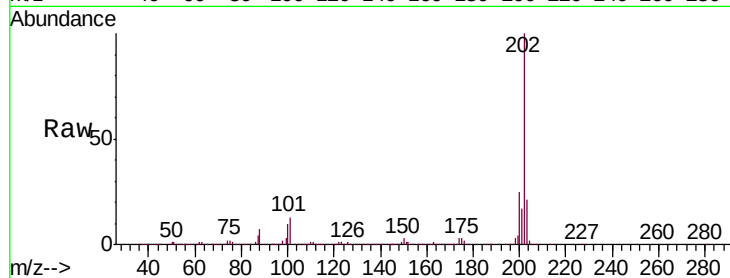
Tgt Ion:202 Resp: 3604259

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.5

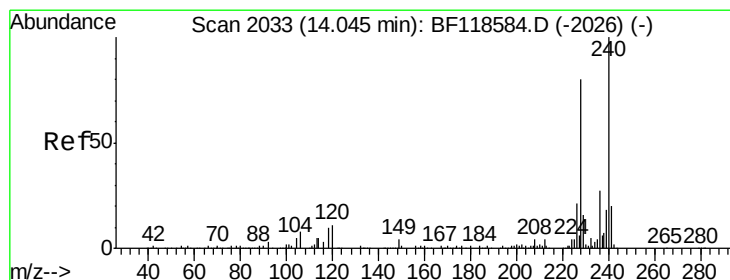
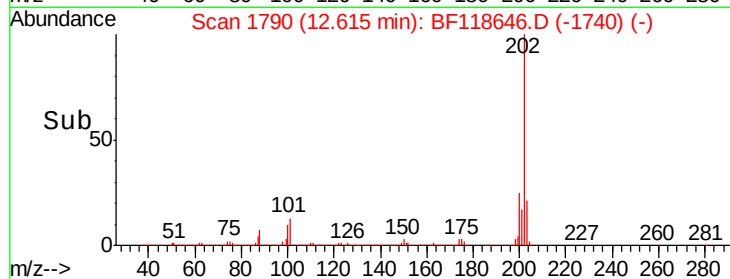
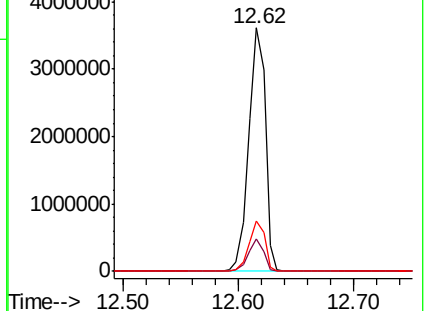
203 20.7 0.8 40.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

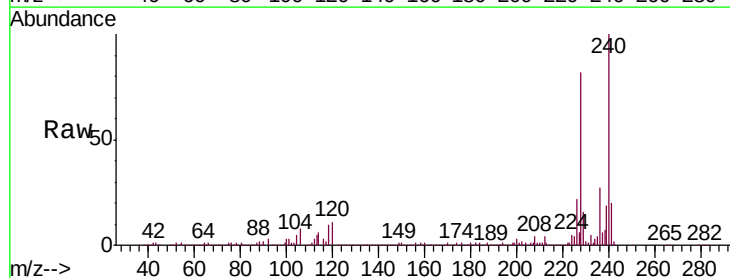
Tgt Ion:240 Resp: 994146

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

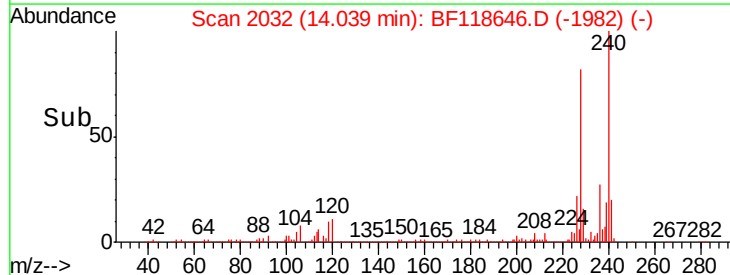
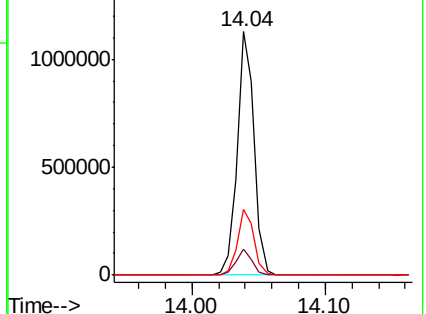
236 27.2 21.5 32.3

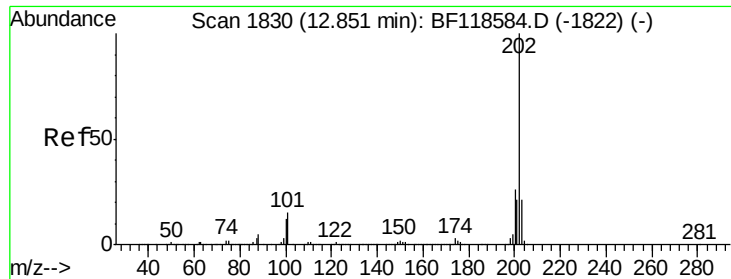


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

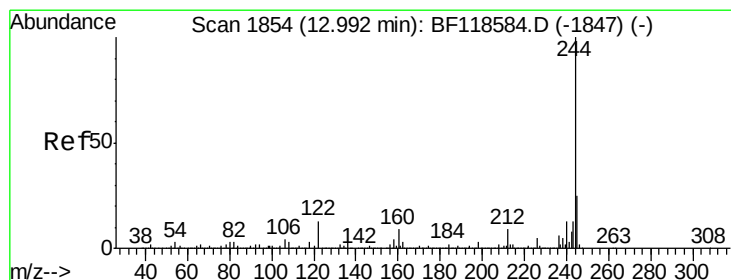
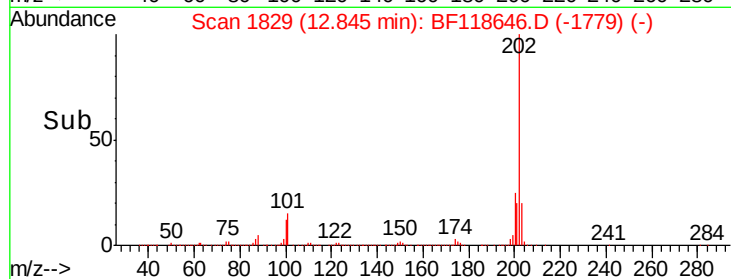
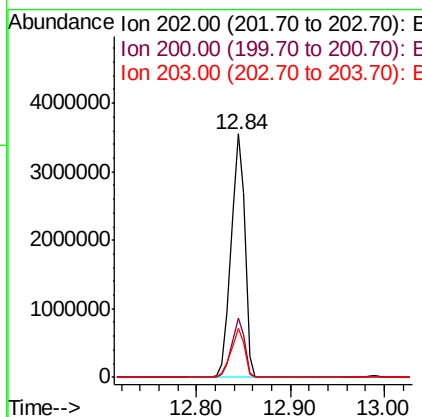
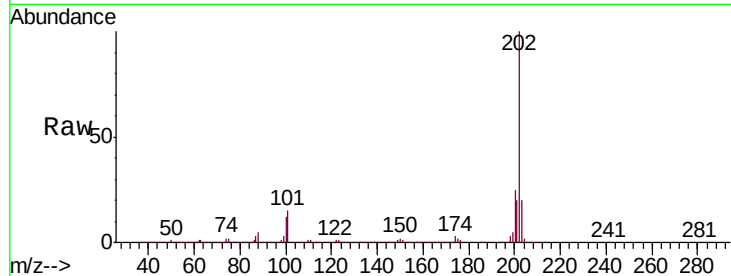




#78
 Pyrene
 Concen: 53.432 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

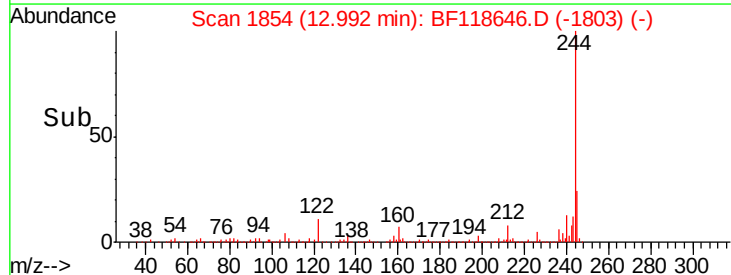
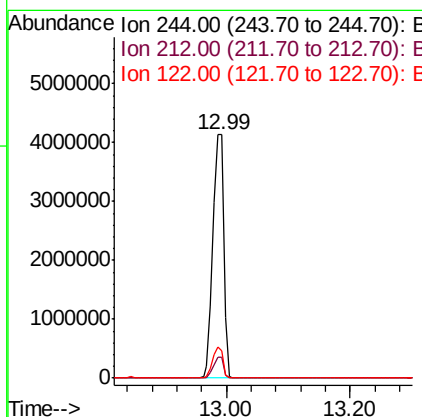
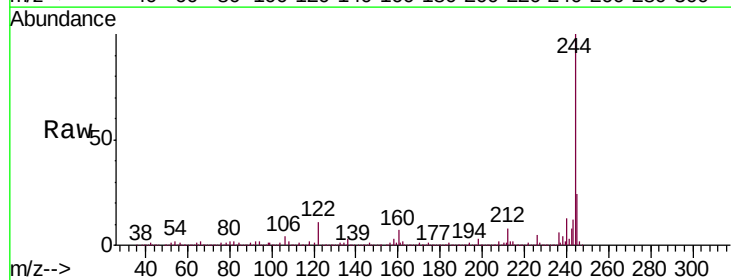
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720MS

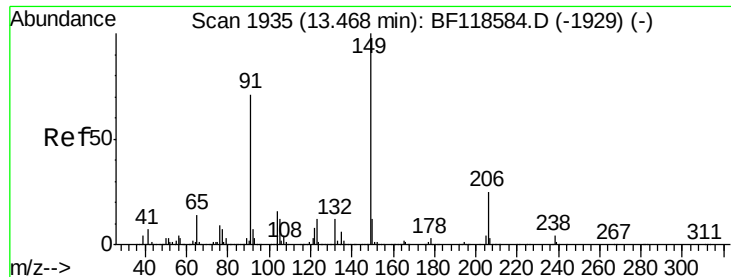
Tgt Ion: 202 Resp: 3606339
 Ion Ratio Lower Upper
 202 100
 200 24.6 20.6 31.0
 203 20.2 16.8 25.2



#79
 Terphenyl-d14
 Concen: 107.123 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF118646.D
 Acq: 21 Jan 2020 21:42

Tgt Ion: 244 Resp: 4882695
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.4
 122 11.3 10.7 16.1

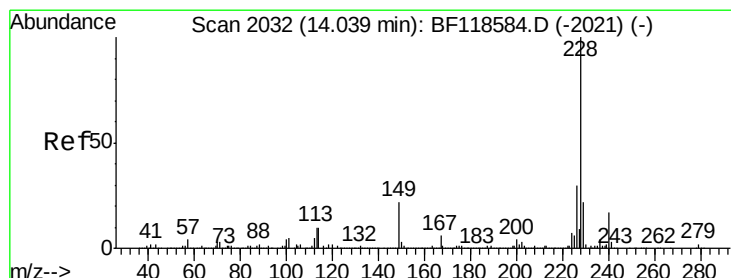
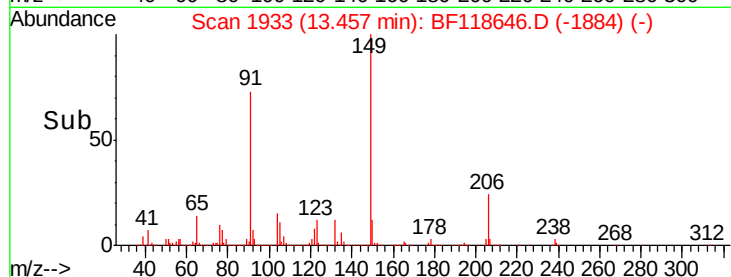
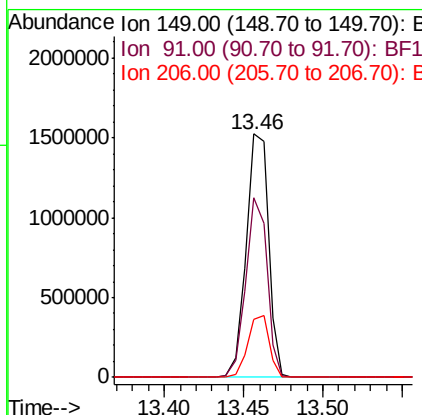
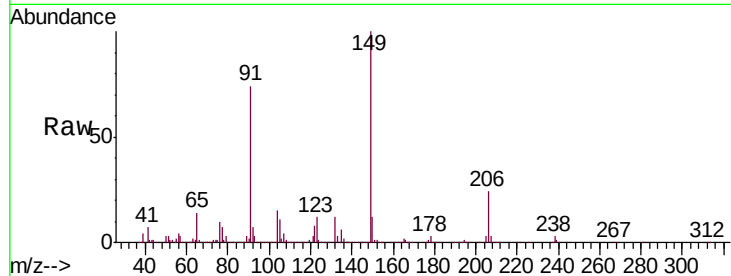




#80
Butylbenzylphthalate
Concen: 53.914 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

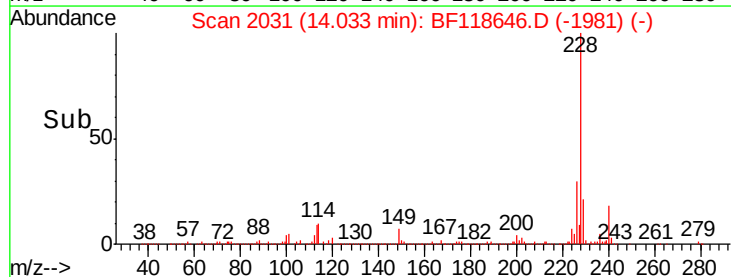
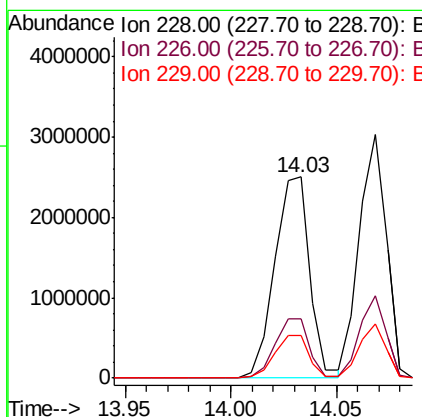
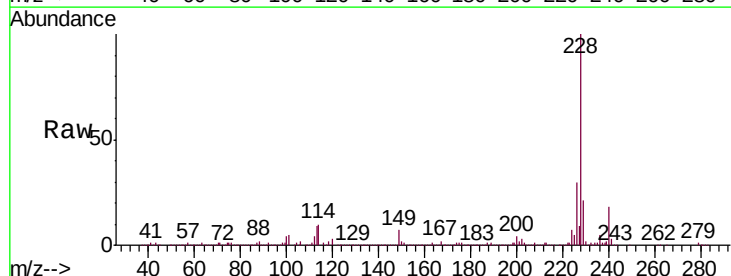
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

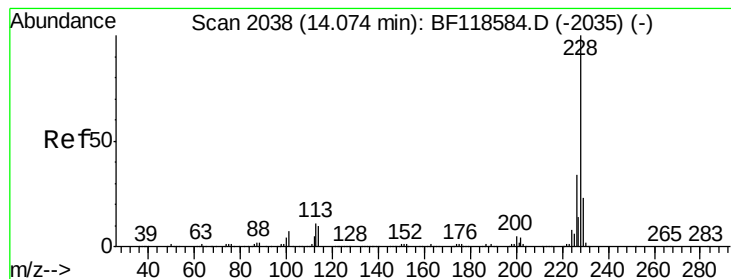
Tgt Ion:149 Resp: 1489232
Ion Ratio Lower Upper
149 100
91 73.5 56.5 84.7
206 23.6 19.9 29.9



#81
Benzo(a)anthracene
Concen: 48.416 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:228 Resp: 2895450
Ion Ratio Lower Upper
228 100
226 29.5 24.1 36.1
229 21.4 17.6 26.4





#83

Chrysene

Concen: 47.900 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

Instrument :

BNA_F

ClientSampleId :

BU-02-101720MS

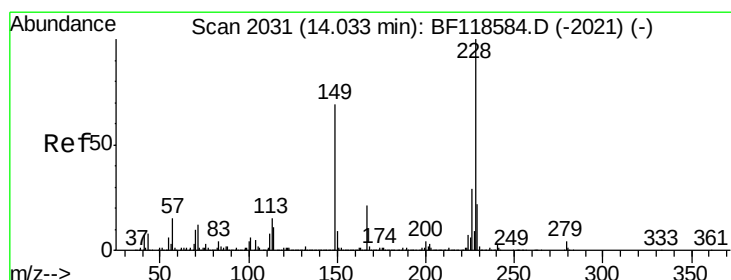
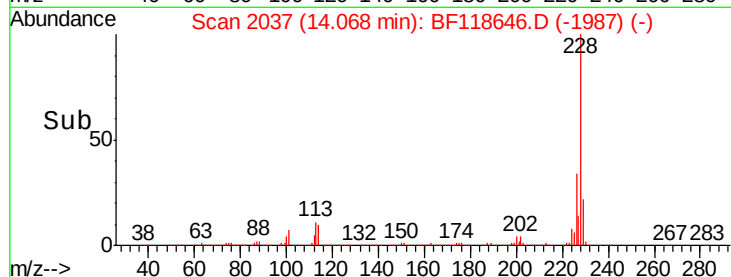
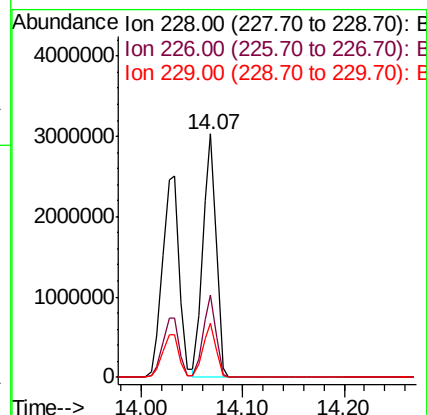
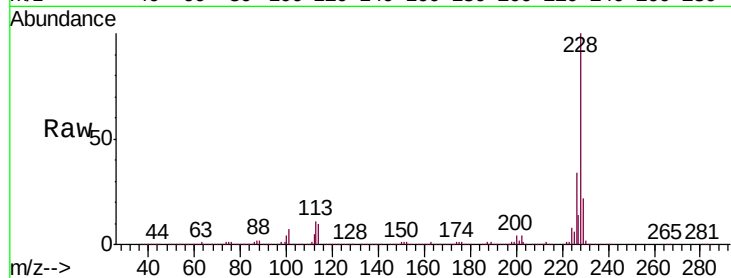
Tgt Ion:228 Resp: 2745382

Ion Ratio Lower Upper

228 100

226 34.0 27.4 41.0

229 22.2 18.3 27.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.285 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF118646.D

Acq: 21 Jan 2020 21:42

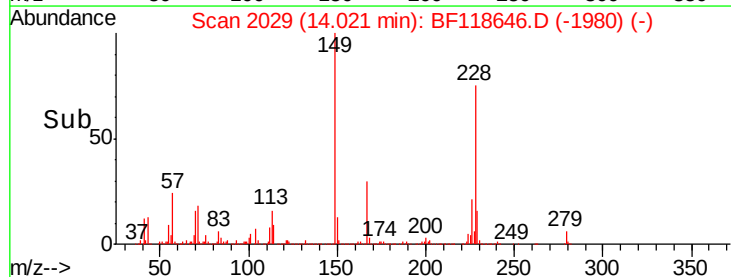
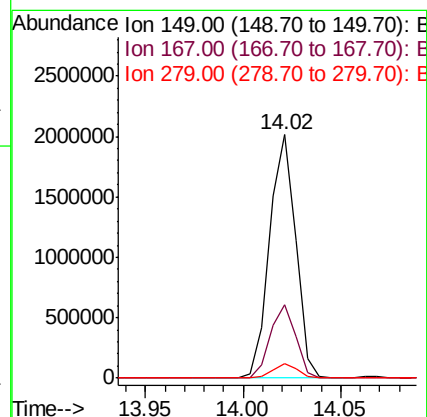
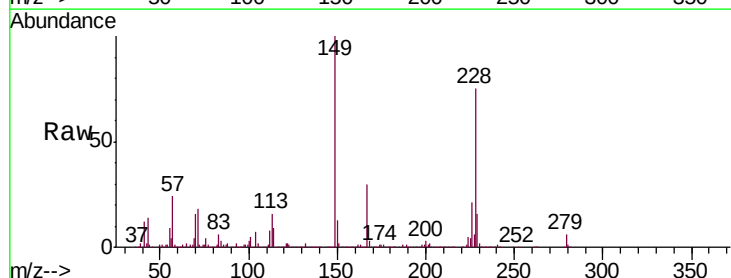
Tgt Ion:149 Resp: 1865724

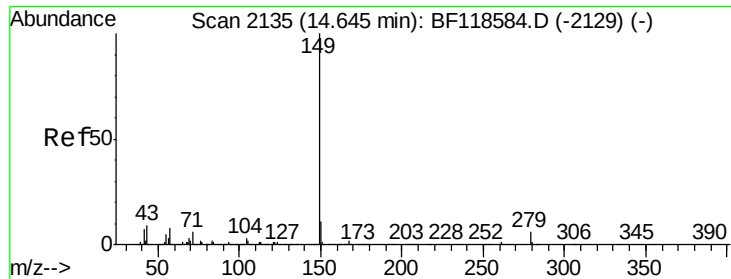
Ion Ratio Lower Upper

149 100

167 30.3 24.2 36.4

279 5.7 5.0 7.4

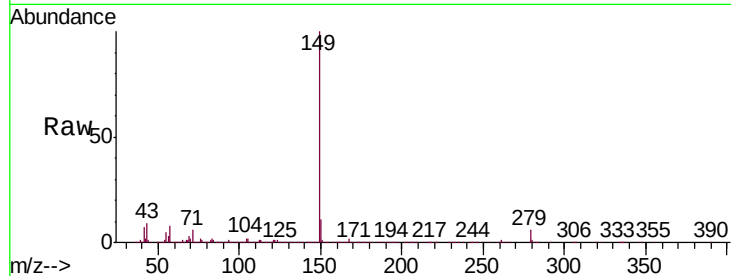




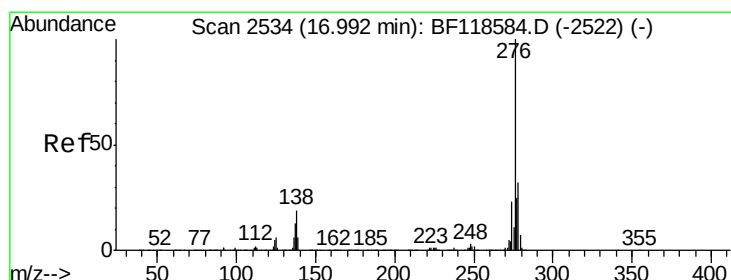
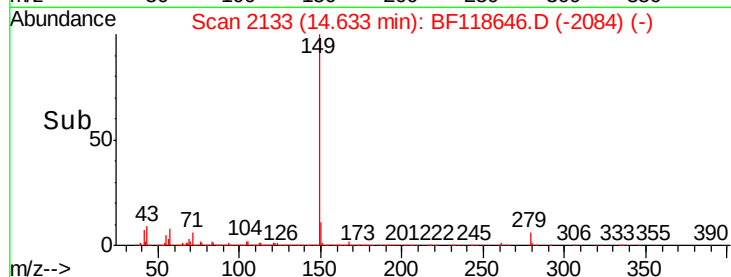
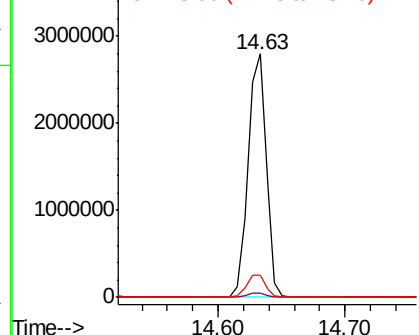
#85
Di-n-octyl phthalate
Concen: 55.121 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion:149 Resp: 2753380
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 9.5 8.1 12.1

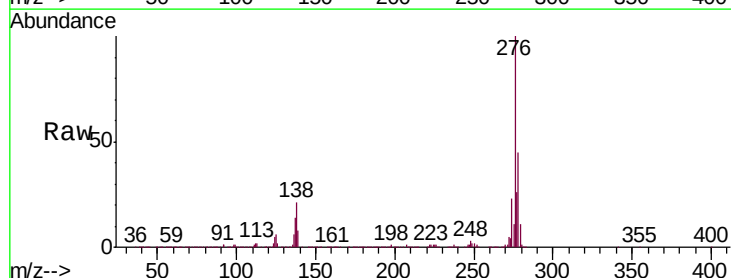


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

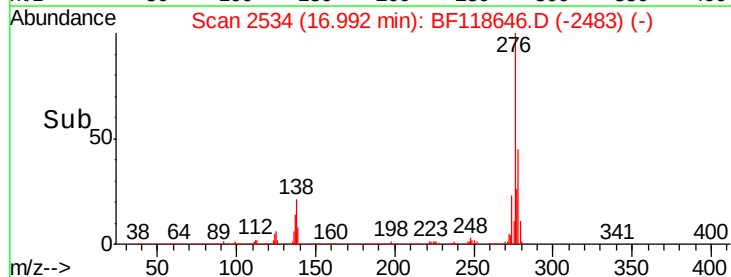
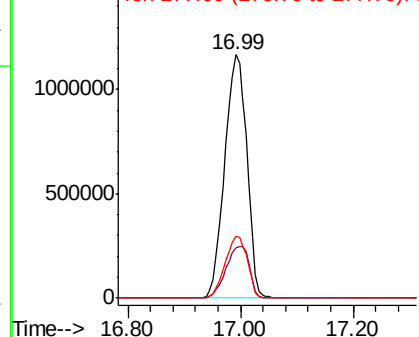


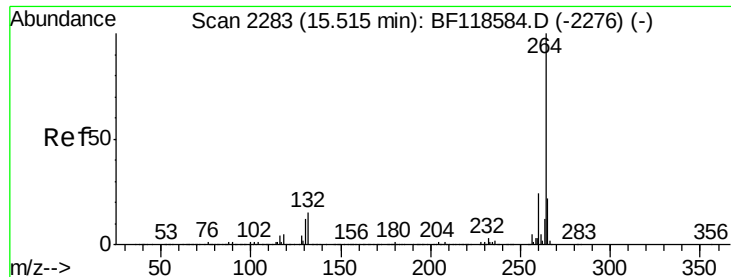
#86
Indeno(1,2,3-cd)pyrene
Concen: 64.068 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:276 Resp: 3190671
Ion Ratio Lower Upper
276 100
138 22.6 17.2 25.8
277 25.6 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



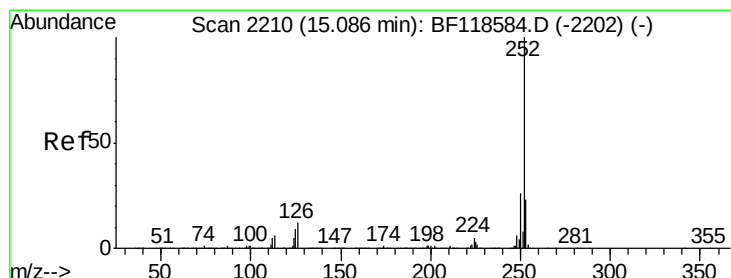
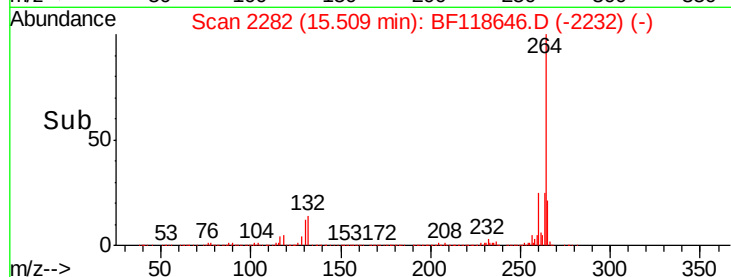
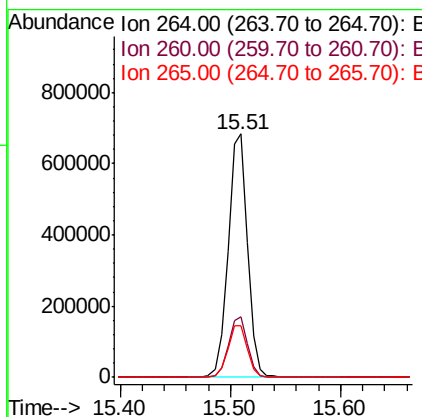
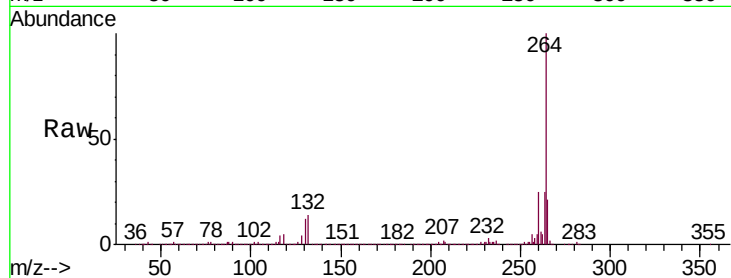


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion:264 Resp: 838547

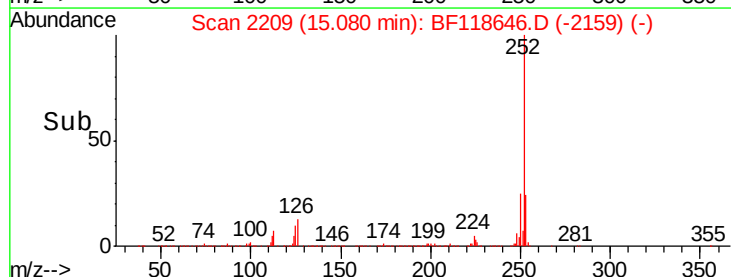
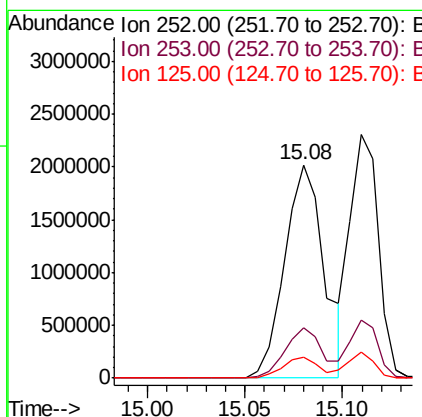
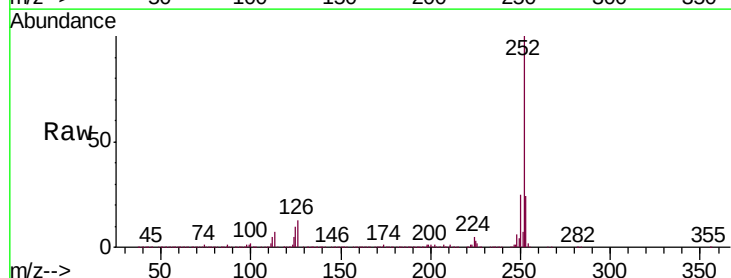
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	21.3	17.7	26.5

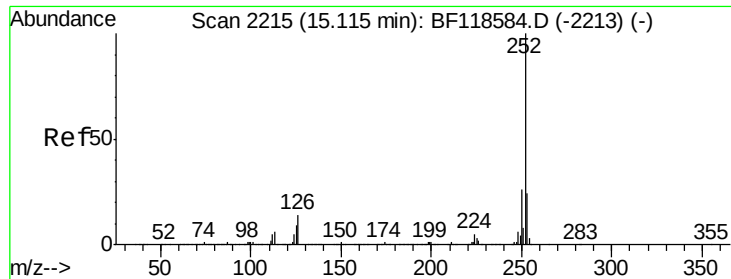


#88
Benzo(b)fluoranthene
Concen: 53.728 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:252 Resp: 2831916

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	9.7	7.3	10.9

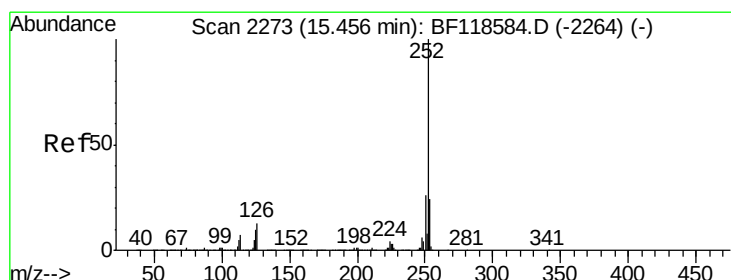
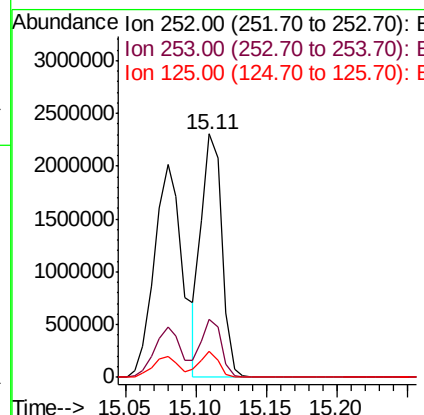
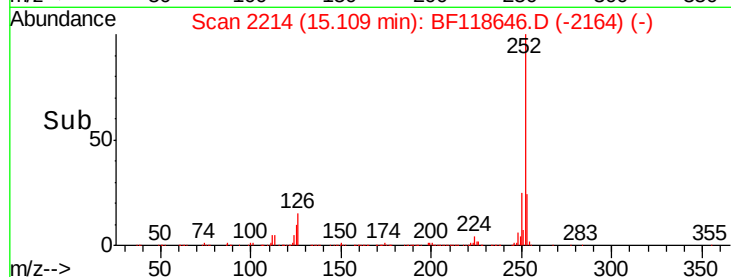
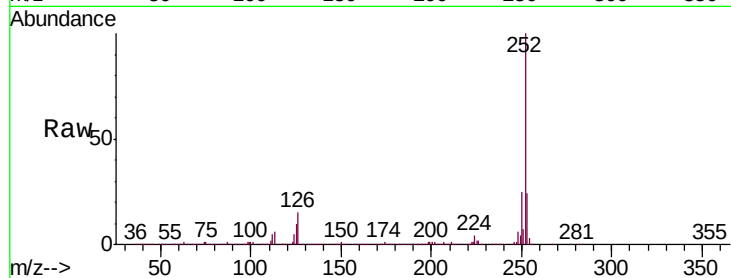




#89
Benzo(k)fluoranthene
Concen: 47.755 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

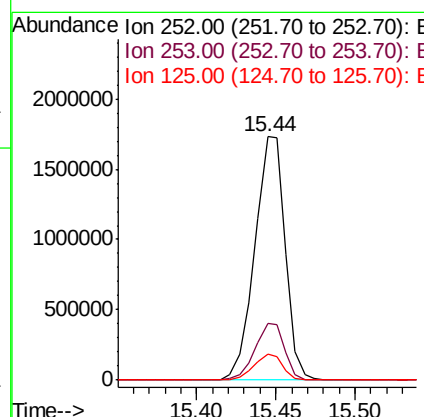
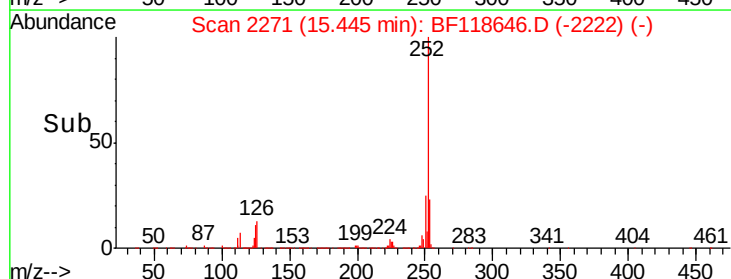
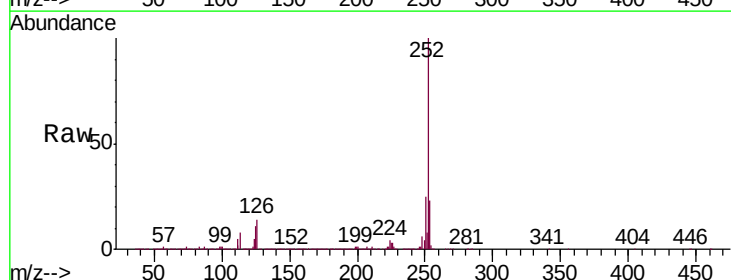
Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

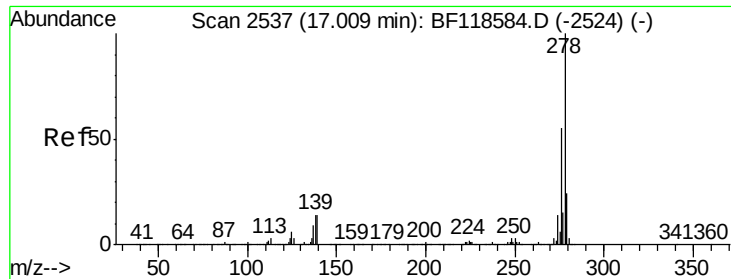
Tgt Ion:252 Resp: 2332010
Ion Ratio Lower Upper
252 100
253 23.9 19.0 28.4
125 10.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 50.752 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion:252 Resp: 2307594
Ion Ratio Lower Upper
252 100
253 23.0 18.8 28.2
125 10.9 7.8 11.6



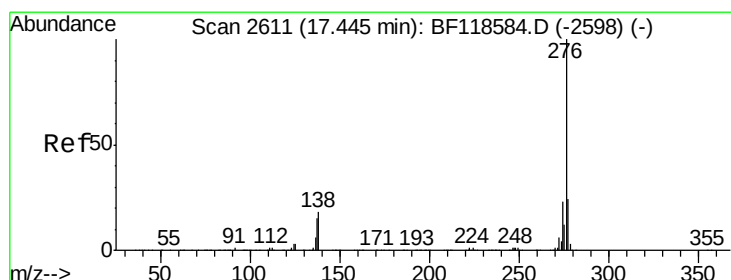
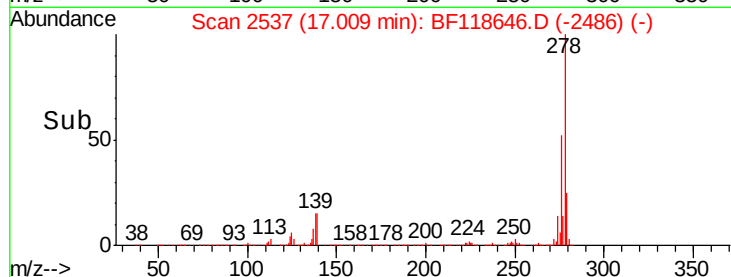
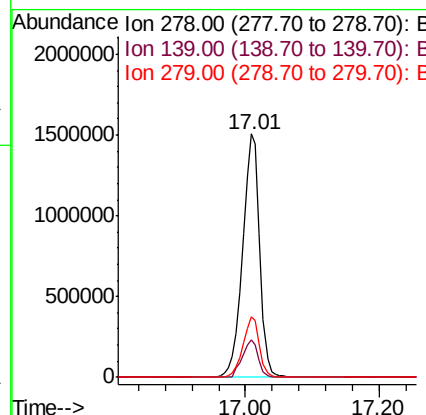
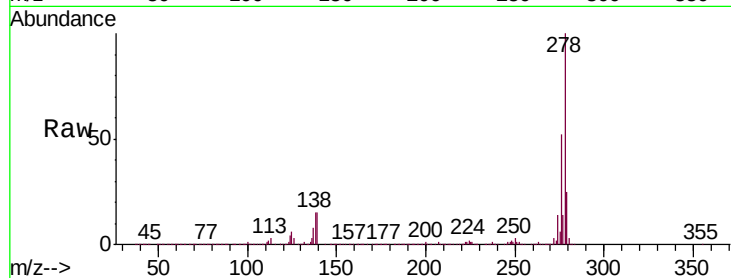


#91
Dibenzo(a,h)anthracene
Concen: 66.753 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Tgt Ion: 278 Resp: 2684747

Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.4	17.0
279	24.7	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 69.513 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BF118646.D
Acq: 21 Jan 2020 21:42

Tgt Ion: 276 Resp: 2714554

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	19.4	14.4	21.6

