

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120804.D
 Acq On : 8 Jul 2020 1:01
 Operator : JU/CG
 Sample : PB130002BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

Quant Time: Jul 08 03:40:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153974	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	591110	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	300057	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	542378	20.00	ng	0.00
76) Chrysene-d12	14.01	240	410260	20.00	ng	0.00
86) Perylene-d12	15.47	264	320595	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1164008	116.70	ng	0.01
7) Phenol-d6	6.48	99	1413948	111.00	ng	0.00
23) Nitrobenzene-d5	7.41	82	906766	88.88	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	374077	124.09	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1585685	79.95	ng	0.00
79) Terphenyl-d14	12.96	244	1706111	81.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	174513	38.301	ng	99
3) Pyridine	3.40	79	487452	39.057	ng	97
4) n-Nitrosodimethylamine	3.36	42	264349	42.340	ng	# 99
6) Aniline	6.51	93	559382	34.194	ng	99
8) 2-Chlorophenol	6.63	128	459867	43.303	ng	98
9) Benzaldehyde	6.39	77	162932	21.507	ng	97
10) Phenol	6.49	94	588838	44.937	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	443556	41.598	ng	98
12) 1,3-Dichlorobenzene	6.79	146	477607	40.859	ng	98
13) 1,4-Dichlorobenzene	6.87	146	485350	41.456	ng	99
14) 1,2-Dichlorobenzene	7.02	146	458906	41.199	ng	99
15) Benzyl Alcohol	6.99	79	383411	40.061	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	656162	39.452	ng	99
17) 2-Methylphenol	7.10	107	371811	39.137	ng	99
18) Hexachloroethane	7.36	117	186364	42.352	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	314590	41.017	ng	99
20) 3+4-Methylphenols	7.25	107	449872	38.447	ng	93
22) Acetophenone	7.26	105	602940	41.036	ng	# 91
24) Nitrobenzene	7.43	77	490551	42.823	ng	95
25) Isophorone	7.67	82	874156	39.730	ng	98
26) 2-Nitrophenol	7.75	139	207430	43.480	ng	97
27) 2,4-Dimethylphenol	7.78	122	381338	43.417	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	550501	42.274	ng	99
29) 2,4-Dichlorophenol	7.99	162	364604	41.582	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	407834	41.411	ng	98
31) Naphthalene	8.16	128	1312777	41.556	ng	100
32) Benzoic acid	7.89	122	174606	29.865	ng	97
33) 4-Chloroaniline	8.20	127	281526	21.001	ng	97
34) Hexachlorobutadiene	8.27	225	235631	39.782	ng	100
35) Caprolactam	8.57	113	107310m	42.001	ng	
36) 4-Chloro-3-methylphenol	8.68	107	389366	42.689	ng	96
37) 2-Methylnaphthalene	8.85	142	861653	41.958	ng	100
38) 1-Methylnaphthalene	8.95	142	814808	42.359	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	369986	40.799	ng	99

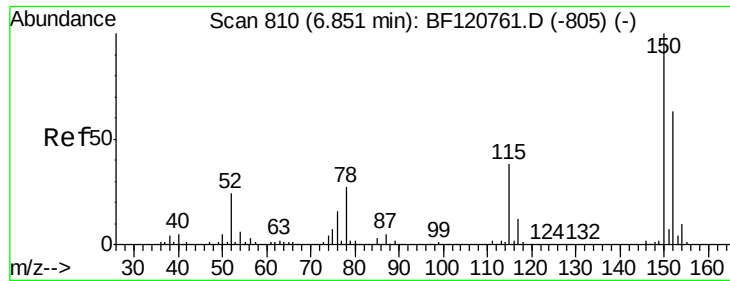
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
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 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	416486	77.732	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	256634	41.531	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	273325	39.857	nq	95
46) 1,1'-Biphenyl	9.31	154	1004243	41.492	nq	99
47) 2-Chloronaphthalene	9.33	162	795240	41.013	nq	99
48) 2-Nitroaniline	9.43	65	253693	43.930	nq	100
49) Acenaphthylene	9.75	152	1244256	40.930	nq	100
50) Dimethylphthalate	9.61	163	905148	41.353	nq	99
51) 2,6-Dinitrotoluene	9.67	165	194358	44.836	nq	96
52) Acenaphthene	9.92	154	769096	40.781	nq	97
53) 3-Nitroaniline	9.83	138	148072	28.665	nq	99
54) 2,4-Dinitrophenol	9.94	184	48731	34.613	nq	98
55) Dibenzofuran	10.09	168	1136922	41.822	nq	98
56) 4-Nitrophenol	10.00	139	338415	84.192	nq	92
57) 2,4-Dinitrotoluene	10.07	165	257617	47.572	nq	84
58) Fluorene	10.44	166	840247	41.526	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	227406m	44.562	nq	
60) Diethylphthalate	10.32	149	937550	41.118	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	404319	39.748	nq	98
62) 4-Nitroaniline	10.45	138	212219	45.632	nq	97
63) Azobenzene	10.59	77	950554	40.753	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	56500	28.163	nq	99
66) n-Nitrosodiphenylamine	10.55	169	783572	43.103	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	260178	41.353	nq	97
68) Hexachlorobenzene	10.98	284	289261	43.813	nq	96
69) Atrazine	11.07	200	218990	46.759	nq	99
70) Pentachlorophenol	11.17	266	290003	77.638	nq	99
71) Phenanthrene	11.40	178	1240868	42.165	nq	99
72) Anthracene	11.45	178	1287171	43.284	nq	100
73) Carbazole	11.60	167	1191675	41.700	nq	100
74) Di-n-butylphthalate	11.94	149	1472490	41.619	nq	100
75) Fluoranthene	12.59	202	1357517	43.302	nq	99
77) Benzidine	12.70	184	581457	50.212	nq	98
78) Pyrene	12.82	202	1363002	41.598	nq	100
80) Butylbenzylphthalate	13.43	149	614786	43.460	nq	96
81) Benzo(a)anthracene	14.00	228	1054680	40.104	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	255680	28.810	nq	# 97
83) Chrysene	14.04	228	1137649	42.410	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	774124	41.731	nq	# 98
85) Di-n-octyl phthalate	14.61	149	1448220	44.129	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	946734	46.040	nq	100
88) Benzo(b)fluoranthene	15.04	252	995427	47.229	nq	99
89) Benzo(k)fluoranthene	15.08	252	927945	45.246	nq	99
90) Benzo(a)pyrene	15.41	252	820557	43.643	nq	98
91) Dibenzo(a,h)anthracene	16.94	278	806068	47.031	nq	99
92) Benzo(g,h,i)perylene	17.36	276	739365	47.202	nq	99

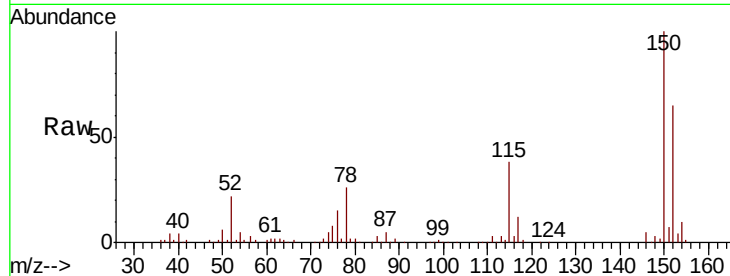
(#) = qualifier out of range (m) = manual integration (+) = signals summed



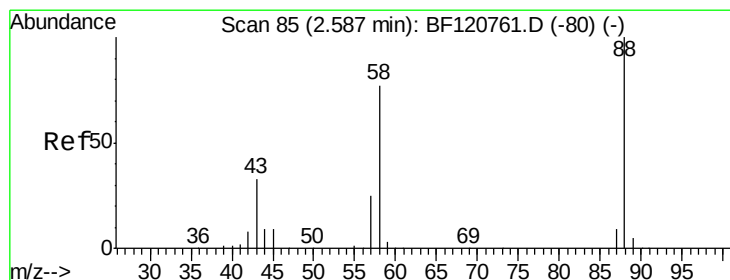
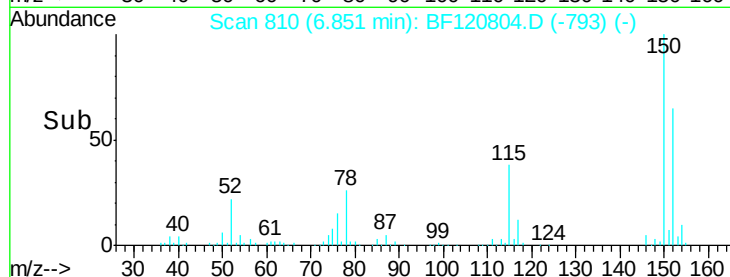
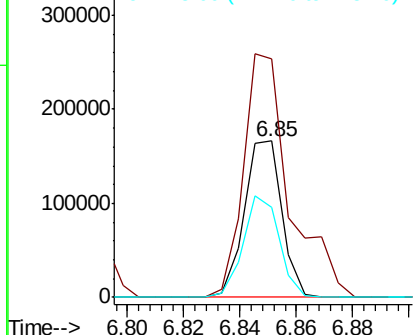
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

Tot Ion:152 Resp: 153974
 Ion Ratio Lower Upper
 152 100
 150 153.2 126.1 189.1
 115 57.5 48.5 72.7

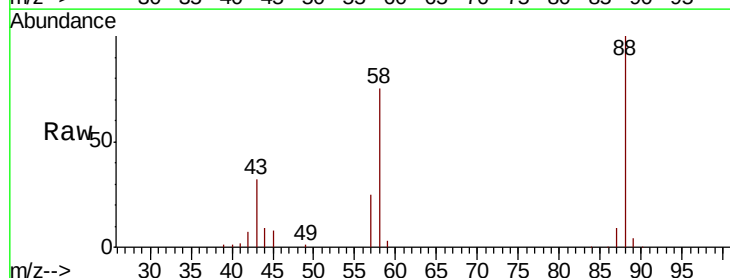


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

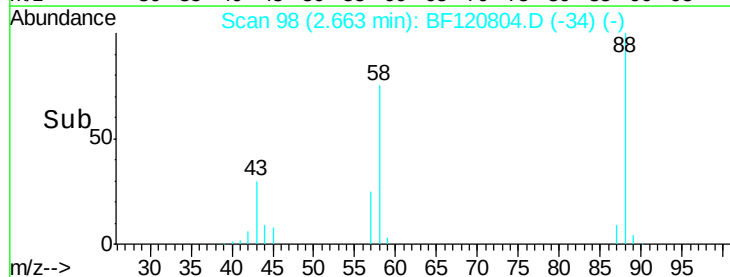
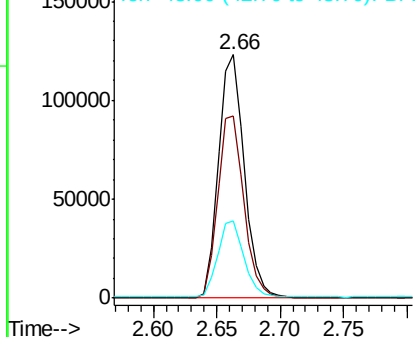


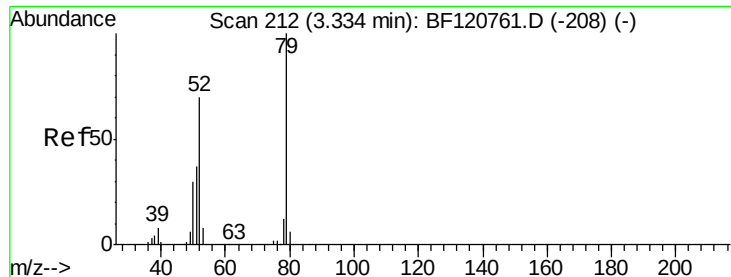
#2
 1,4-Dioxane
 Concen: 38.301 ng
 RT: 2.66 min Scan# 98
 Delta R.T. 0.08 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion: 88 Resp: 174513
 Ion Ratio Lower Upper
 88 100
 58 75.9 60.4 90.6
 43 31.3 26.3 39.5



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





#3

Pvridine

Concen: 39.057 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.07 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

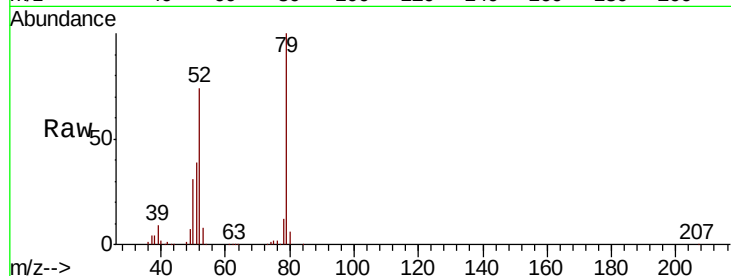
Tot Ion: 79 Resp: 487452

Ion Ratio Lower Upper

79 100

52 73.7 56.3 84.5

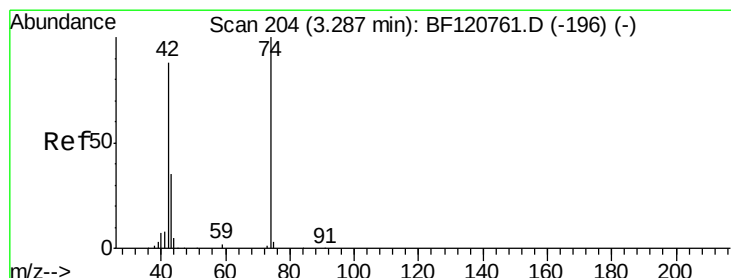
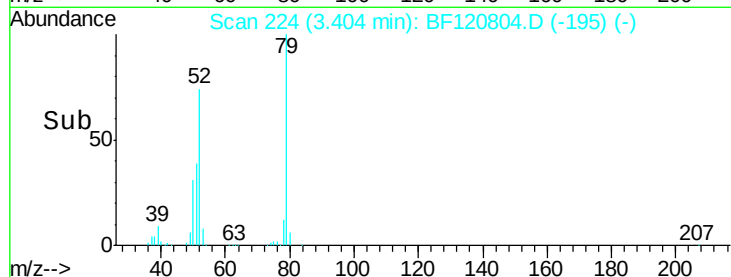
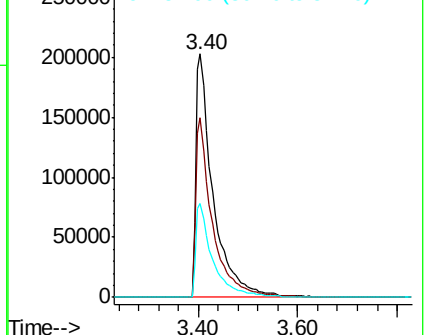
51 38.6 30.1 45.1



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: 42.340 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.07 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

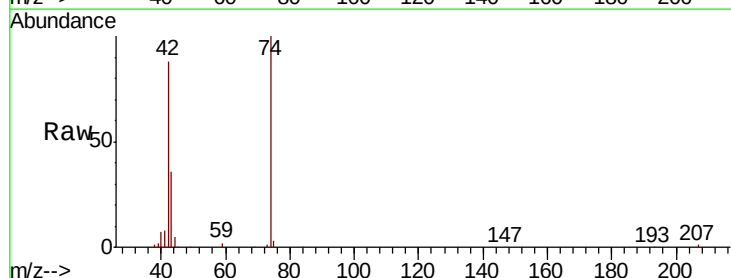
Tgt Ion: 42 Resp: 264349

Ion Ratio Lower Upper

42 100

74 114.2 90.8 136.2

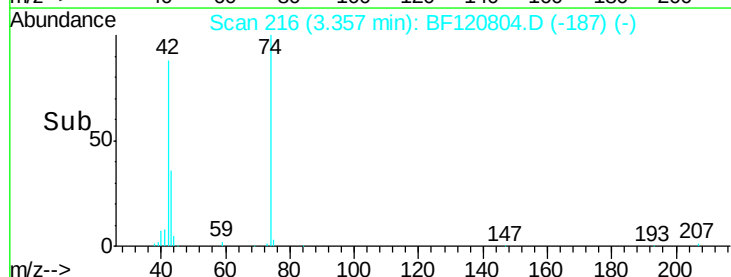
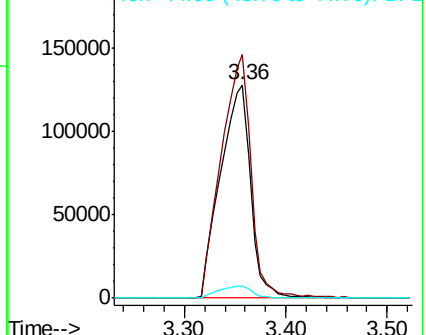
44 5.5 5.8 8.8#

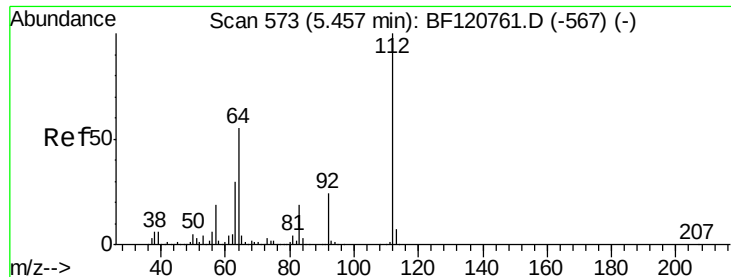


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.696 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

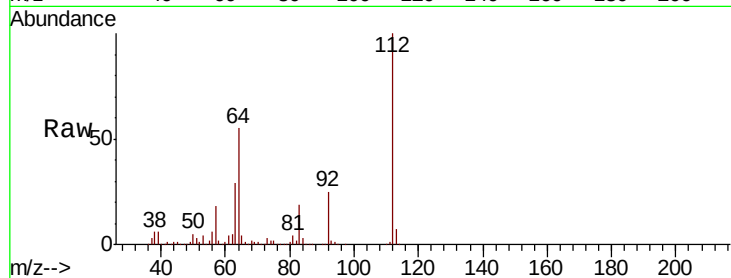
Tot Ion:112 Resp: 1164008

Ion Ratio Lower Upper

112 100

64 55.0 43.8 65.6

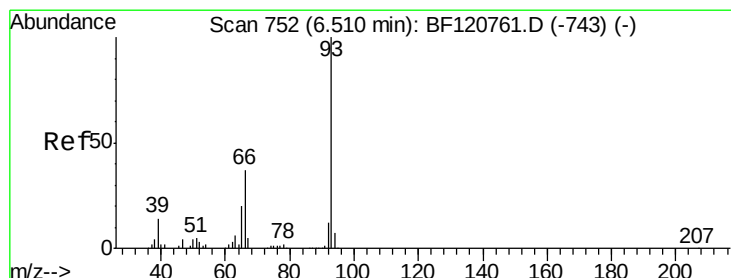
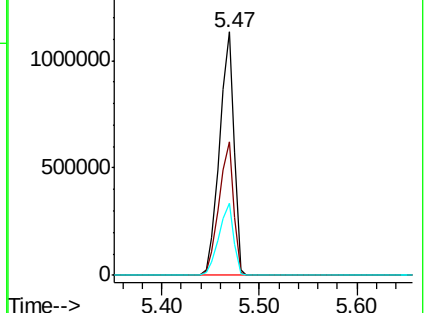
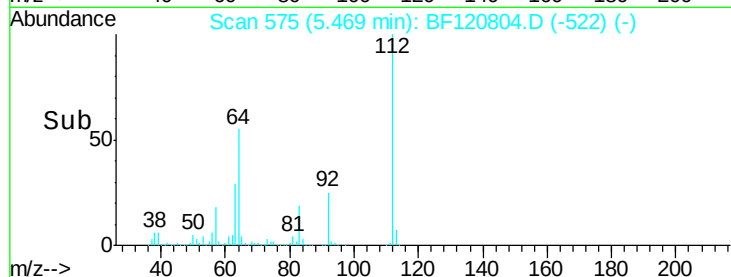
63 29.5 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.194 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

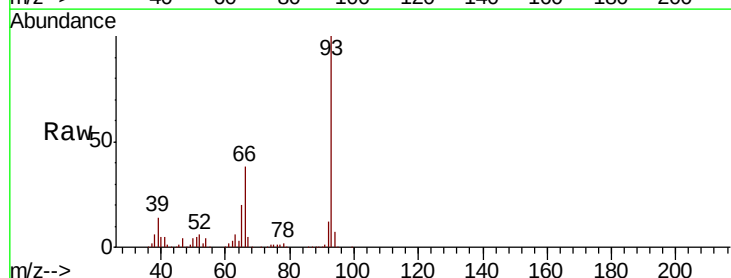
Tgt Ion: 93 Resp: 559382

Ion Ratio Lower Upper

93 100

66 38.1 31.3 46.9

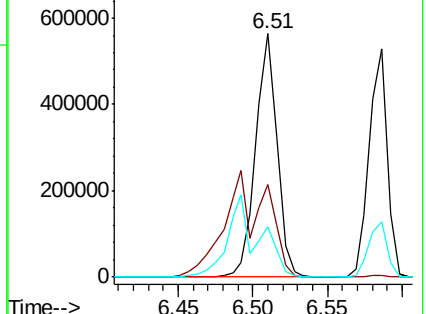
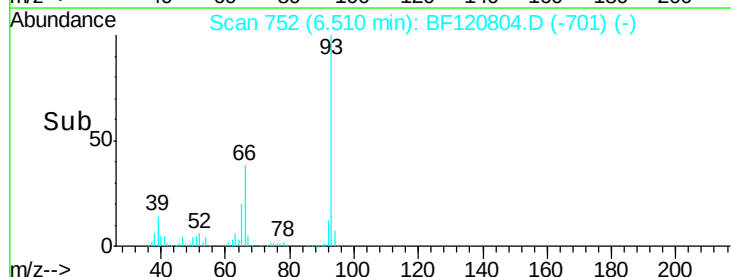
65 20.5 16.5 24.7

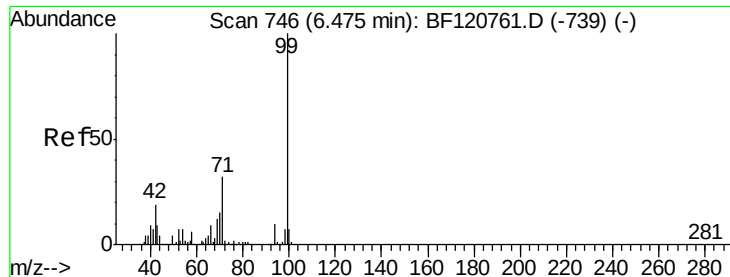


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.002 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

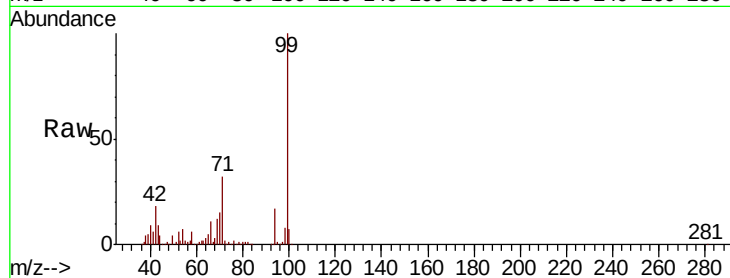
Tot Ion: 99 Resp: 1413948

Ion Ratio Lower Upper

99 100

42 18.4 15.4 23.0

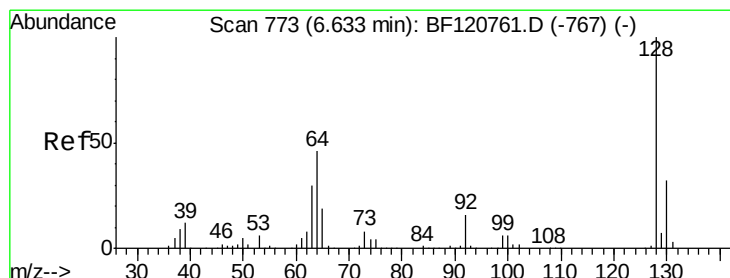
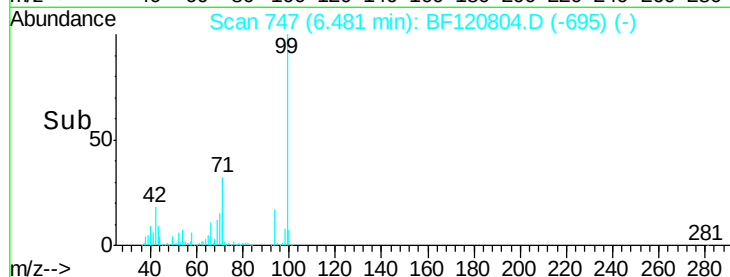
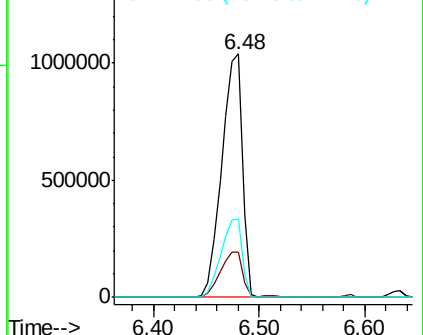
71 32.3 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.303 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

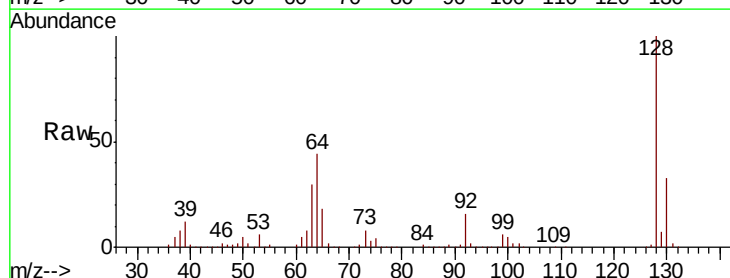
Tgt Ion: 128 Resp: 459867

Ion Ratio Lower Upper

128 100

130 33.2 12.1 52.1

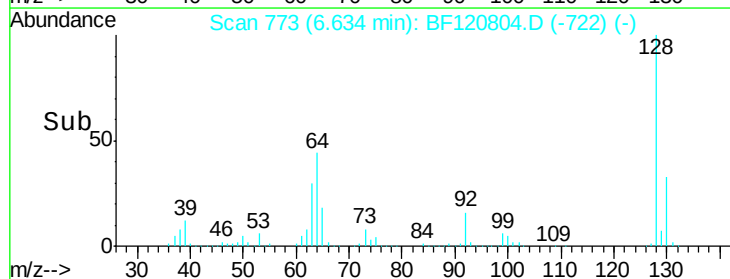
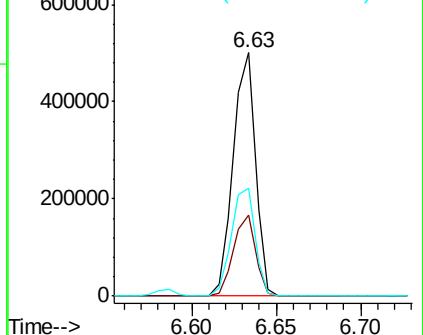
64 44.4 26.3 66.3

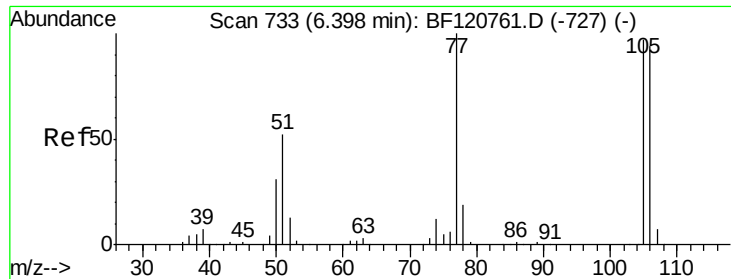


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

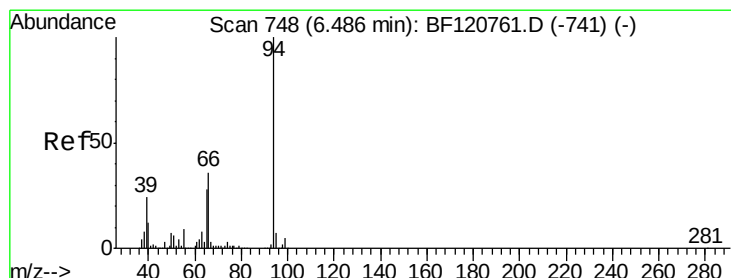
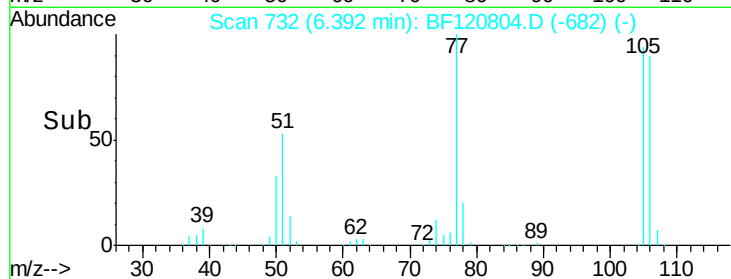
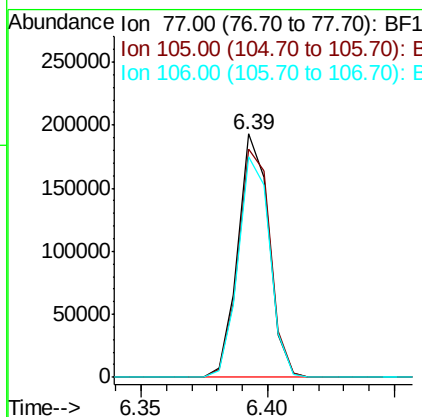
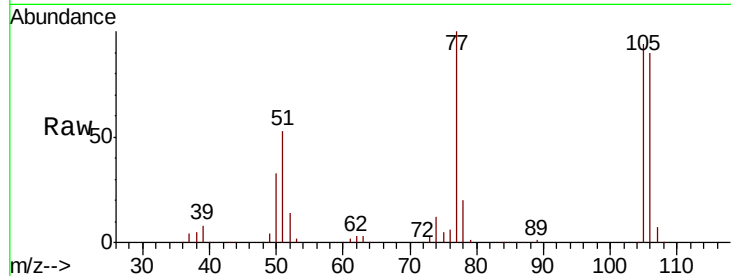




#9
Benzaldehyde
Concen: 21.507 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

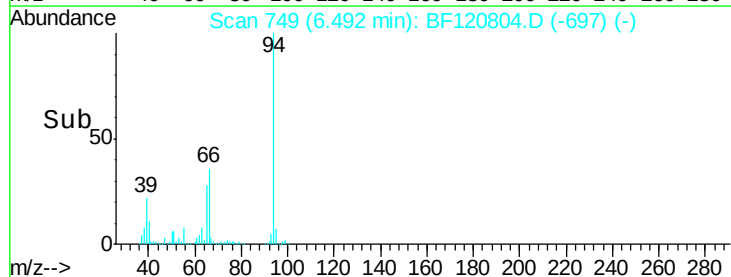
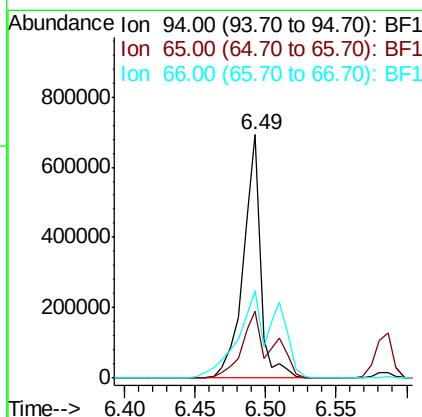
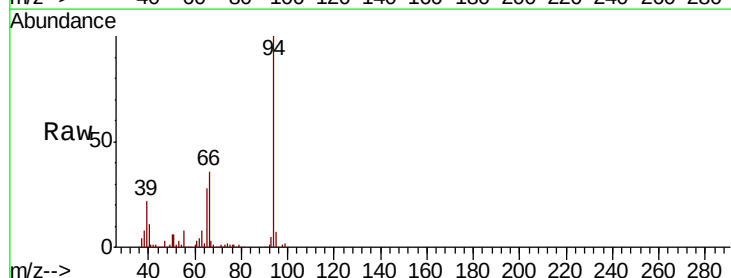
Instrument :
BNA_F
ClientSampleID :
PB130002BS

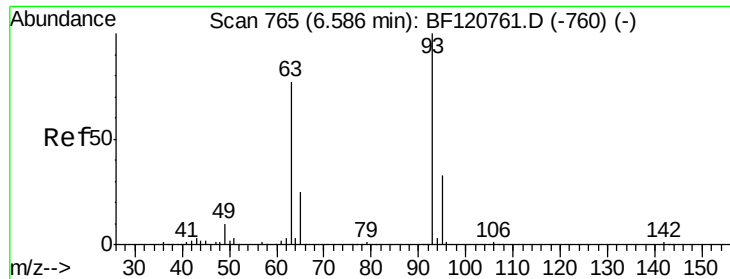
Tot Ion: 77 Resp: 162932
Ion Ratio Lower Upper
77 100
105 93.6 76.8 116.8
106 90.4 73.8 113.8



#10
Phenol
Concen: 44.937 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion: 94 Resp: 588838
Ion Ratio Lower Upper
94 100
65 27.7 8.4 48.4
66 35.8 16.5 56.5

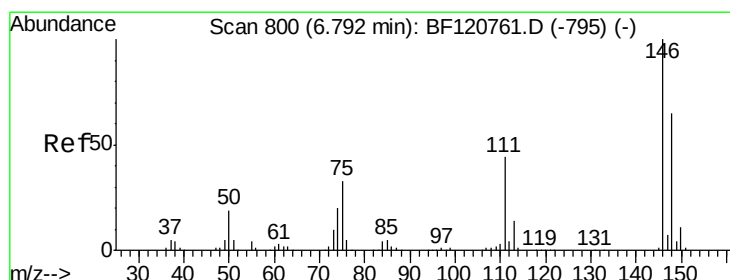
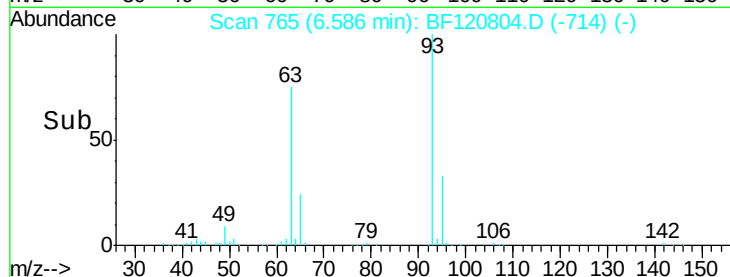
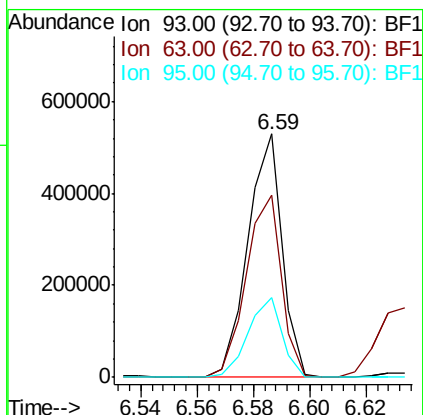
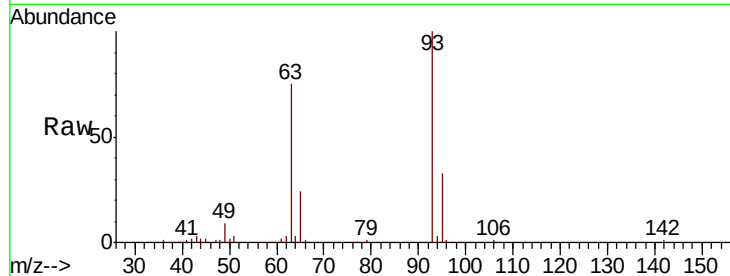




#11
bis(2-Chloroethyl)ether
Concen: 41.598 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

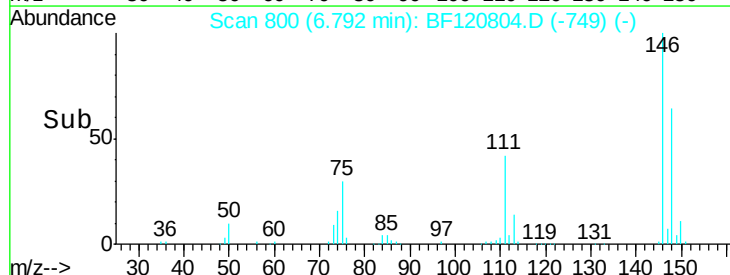
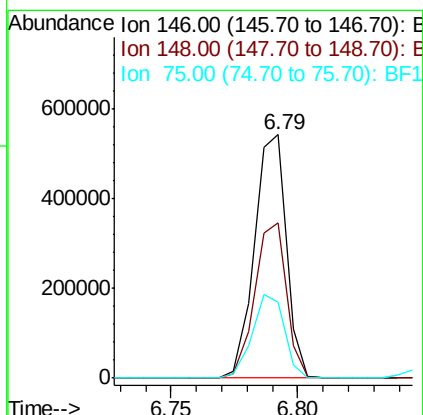
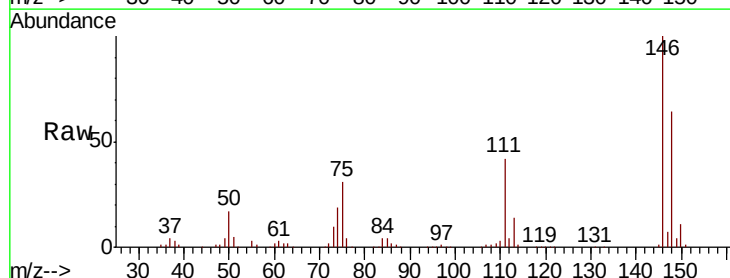
Instrument :
BNA_F
ClientSampleId :
PB130002BS

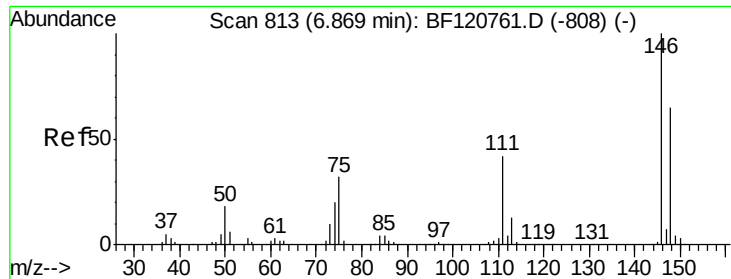
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	56.9	96.9
95	32.9	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 40.859 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
75	31.4	26.0	39.0

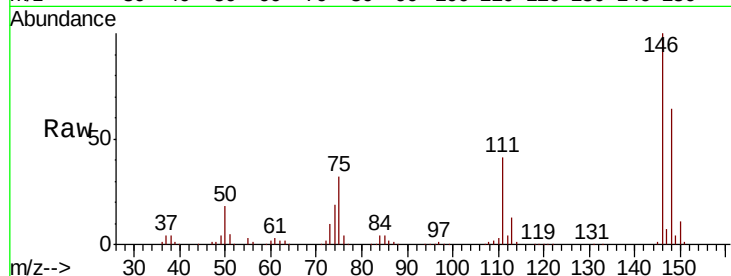




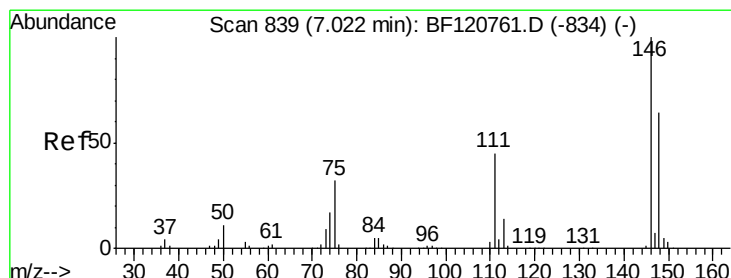
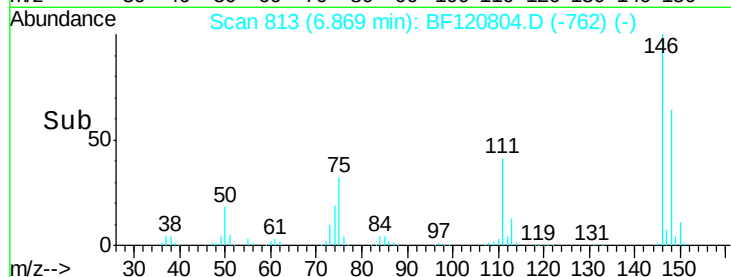
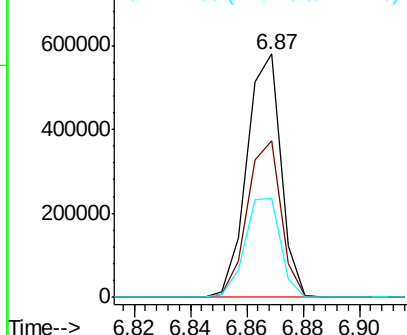
#13
 1,4-Dichlorobenzene
 Concen: 41.456 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

Tot Ion:146 Resp: 485350
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.6
 111 40.9 33.7 50.5

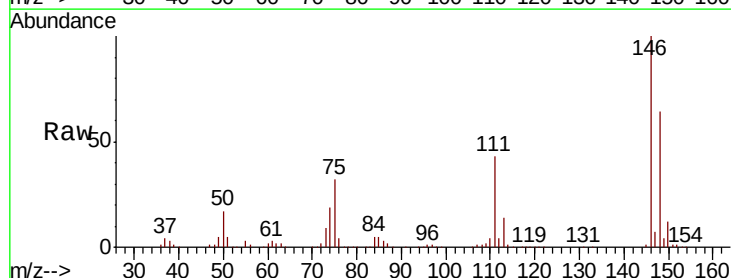


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

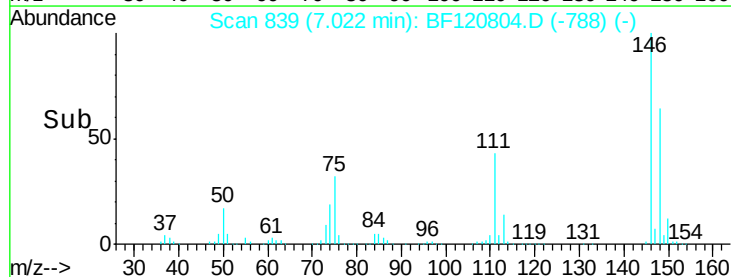
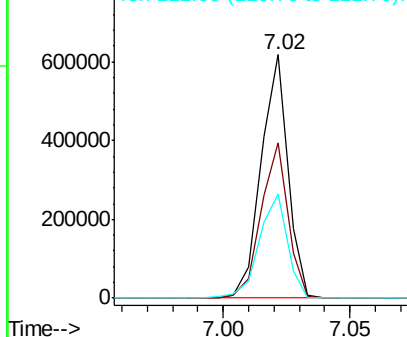


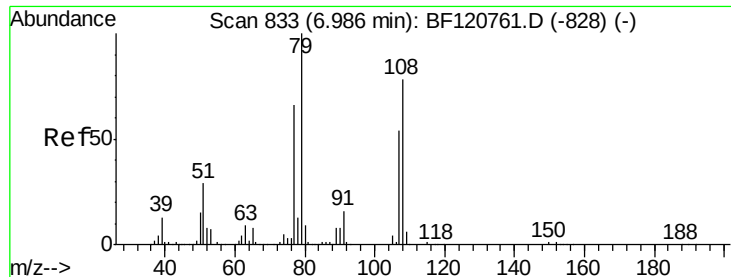
#14
 1,2-Dichlorobenzene
 Concen: 41.199 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion:146 Resp: 458906
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.4
 111 42.7 35.7 53.5



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





#15

Benzyl Alcohol

Concen: 40.061 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

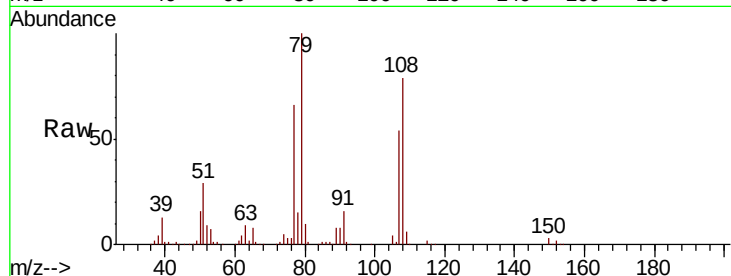
Tot Ion: 79 Resp: 383411

Ion Ratio Lower Upper

79 100

108 79.0 62.4 93.6

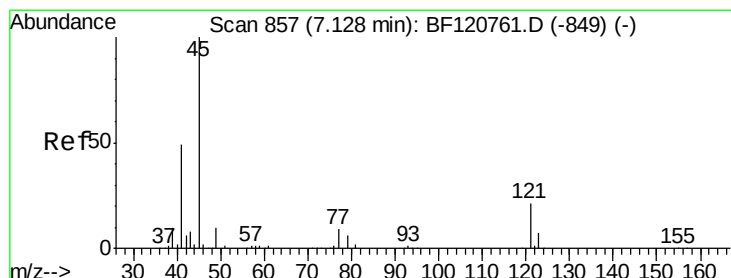
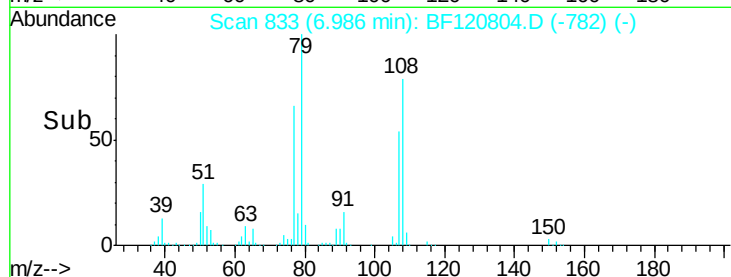
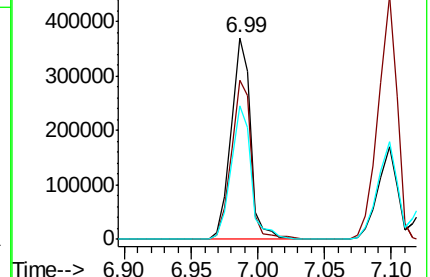
77 66.3 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.452 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

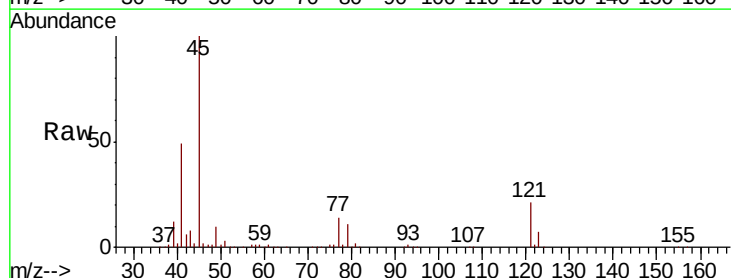
Tgt Ion: 45 Resp: 656162

Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.7

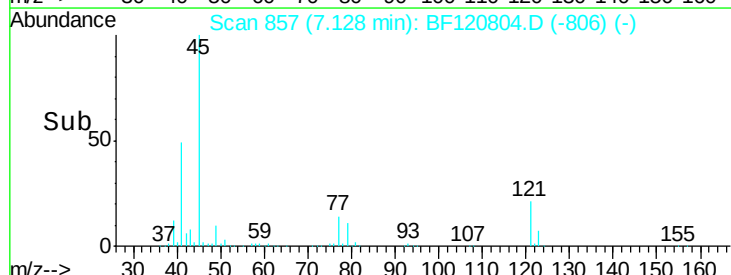
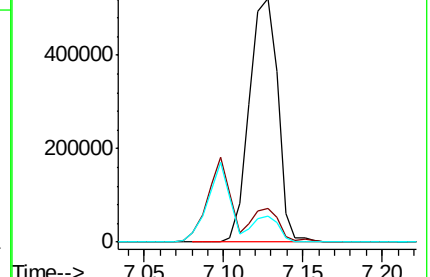
79 10.7 0.0 30.5

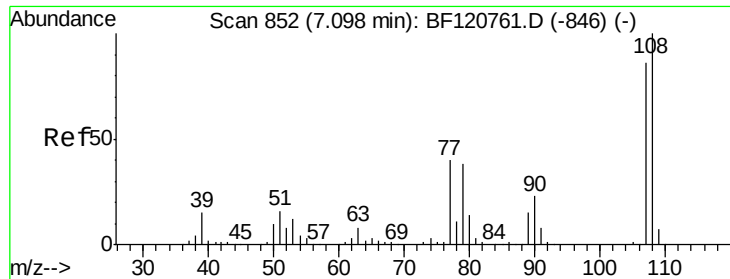


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

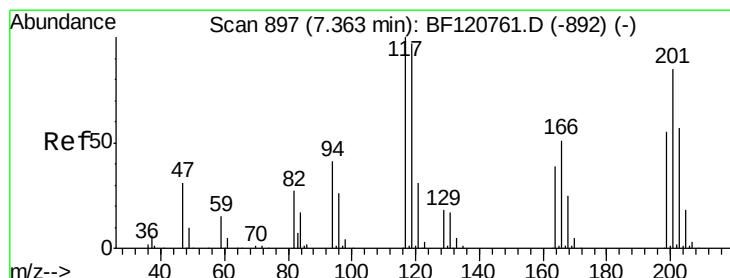
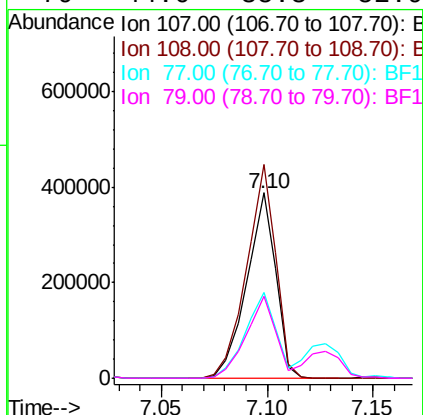
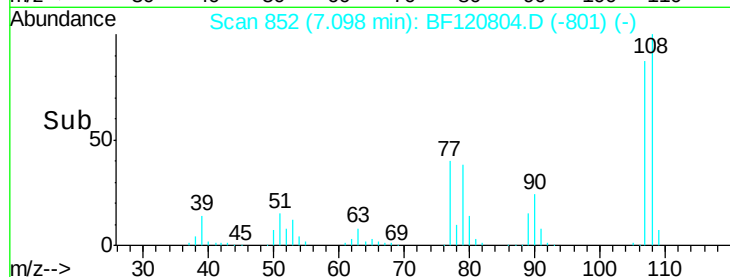
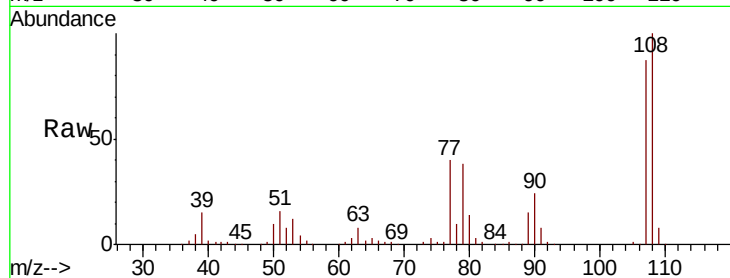




#17
2-Methylphenol
Concen: 39.137 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

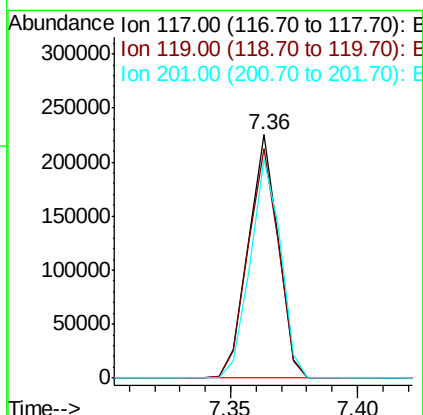
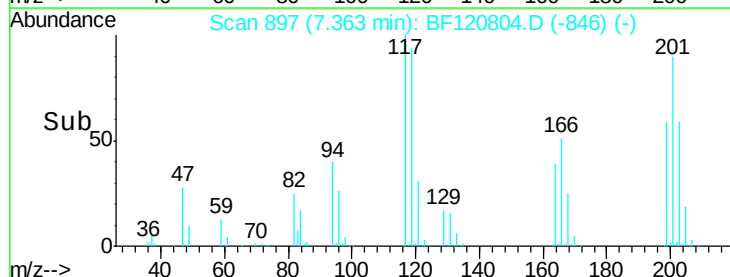
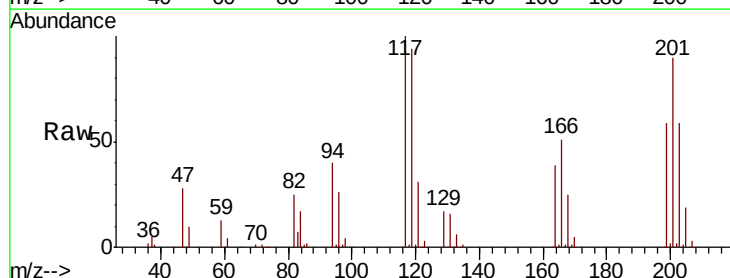
Instrument :
BNA_F
ClientSampleId :
PB130002BS

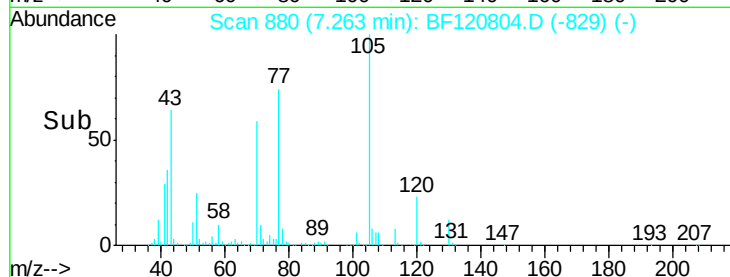
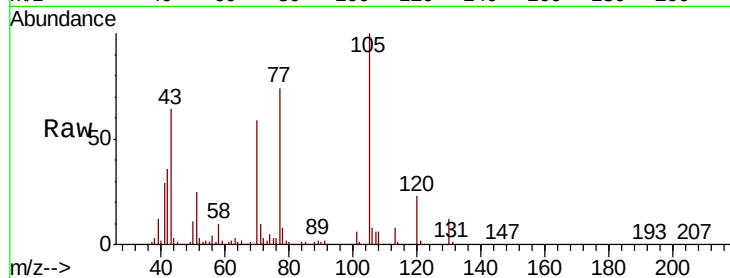
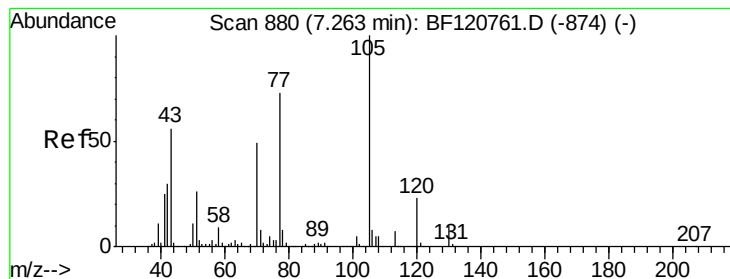
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	93.1	139.7
77	46.5	37.3	55.9
79	44.0	35.3	52.9



#18
Hexachloroethane
Concen: 42.352 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.9	116.9
201	90.3	68.3	102.5





#19

n-Nitroso-di-n-propylamine

Concen: 41.017 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

Tot Ion: 70 Resp: 314590

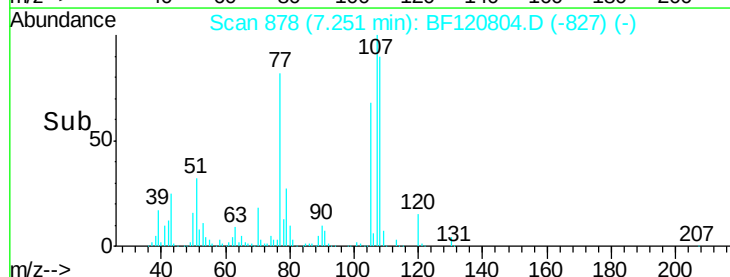
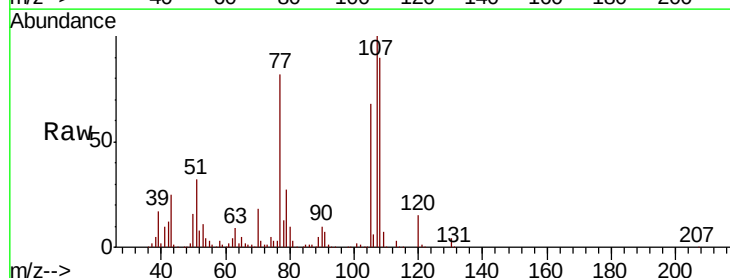
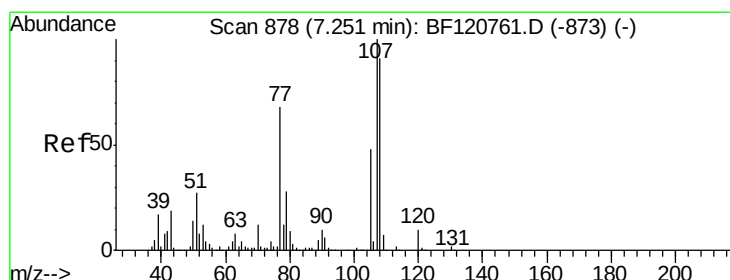
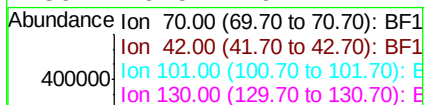
Ion Ratio Lower Upper

70 100

42 61.5 50.3 75.5

101 9.4 7.5 11.3

130 20.5 16.1 24.1



#20

3+4-Methylphenols

Concen: 38.447 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Tgt Ion: 107 Resp: 449872

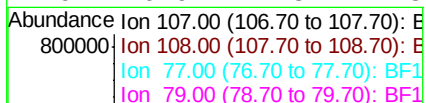
Ion Ratio Lower Upper

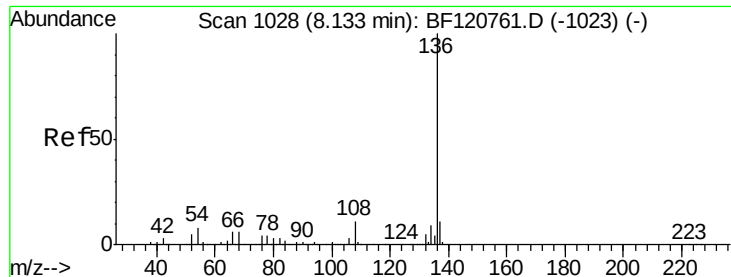
107 100

108 89.8 70.9 110.9

77 81.9 48.3 88.3

79 26.9 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

Tot Ion:136 Resp: 591110

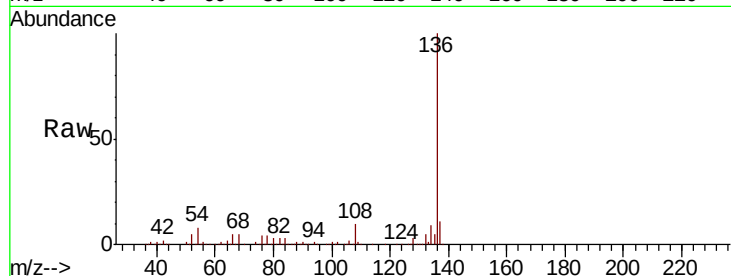
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 7.6 6.2 9.4

68 5.4 4.7 7.1

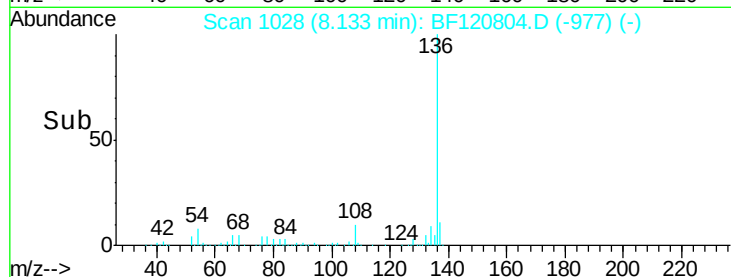


Abundance Ion 136.00 (135.70 to 136.70): E

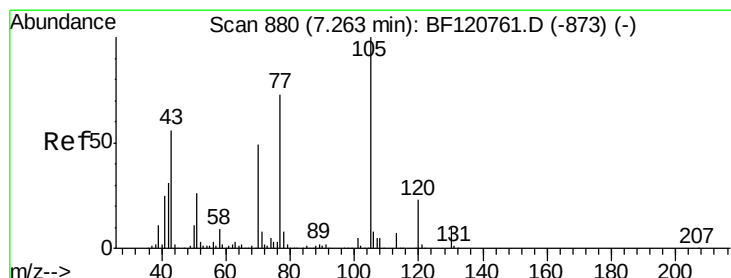
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 41.036 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Tgt Ion:105 Resp: 602940

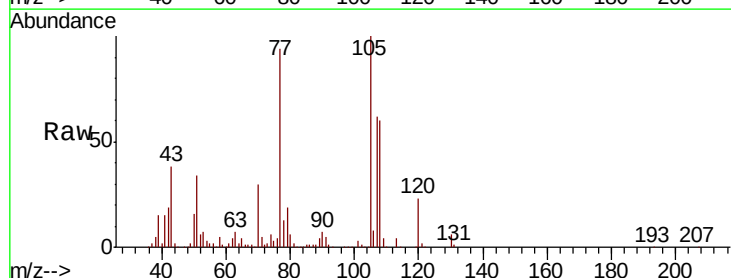
Ion Ratio Lower Upper

105 100

71 5.0 6.5 9.7#

51 34.5 21.0 31.4#

120 22.6 18.6 28.0

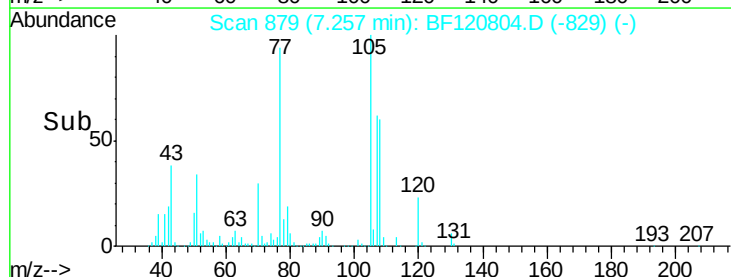


Abundance Ion 105.00 (104.70 to 105.70): E

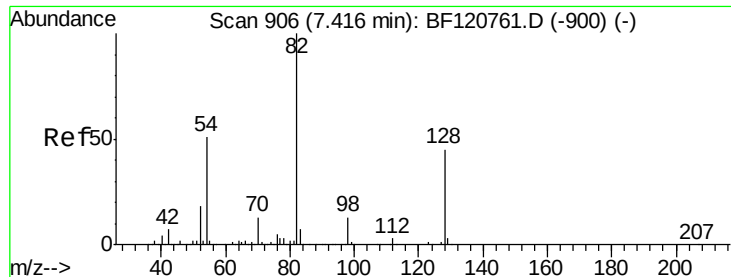
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



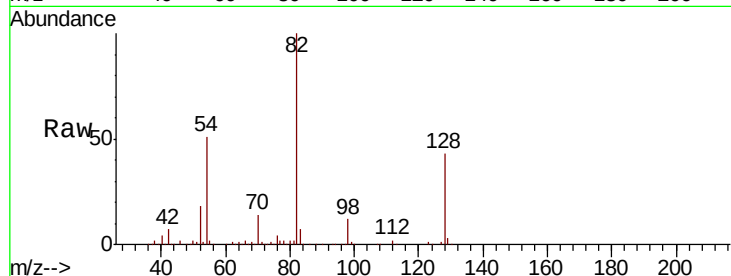
Time-->



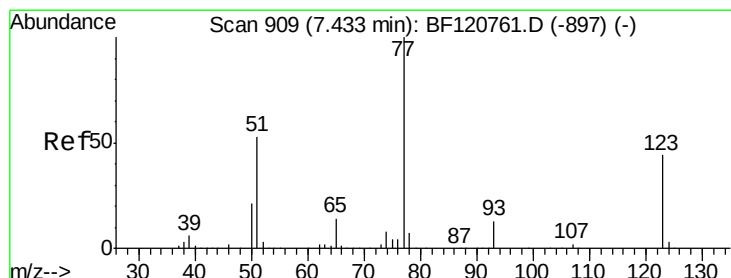
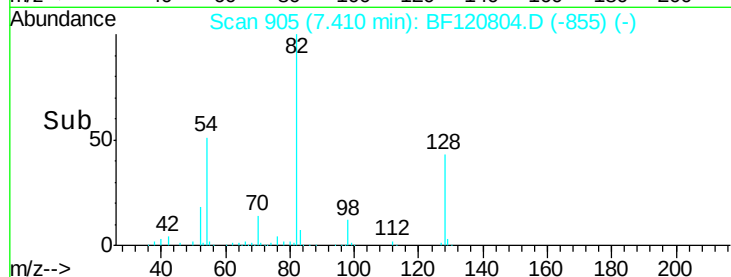
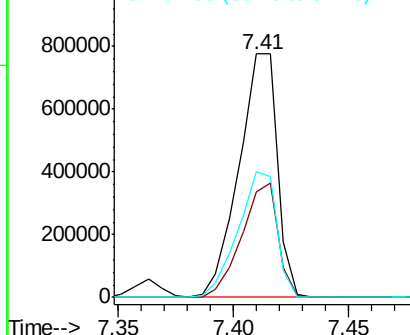
#23
 Nitrobenzene-d5
 Concen: 88.877 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

Tot Ion	82	Resp	906766
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.7	53.5
54	51.5	40.9	61.3

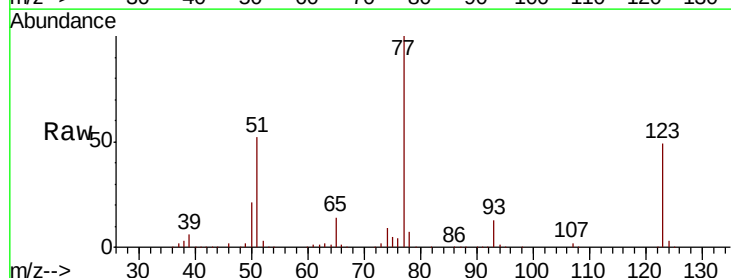


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

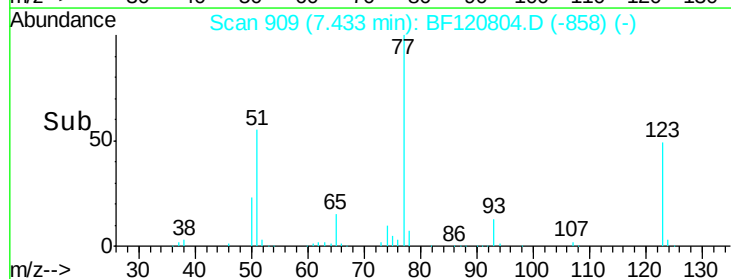
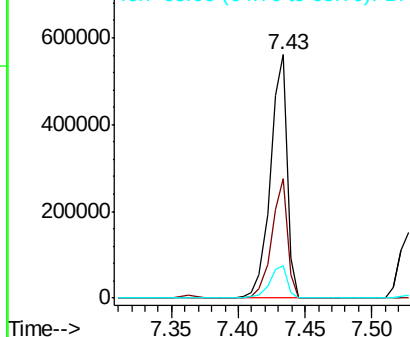


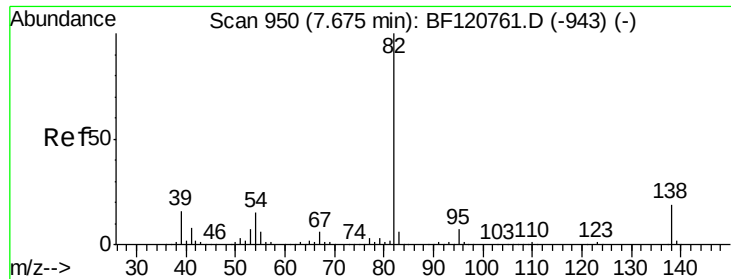
#24
 Nitrobenzene
 Concen: 42.823 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion	77	Resp	490551
Ion Ratio	Lower	Upper	
77	100		
123	49.1	36.1	54.1
65	13.6	11.0	16.4



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

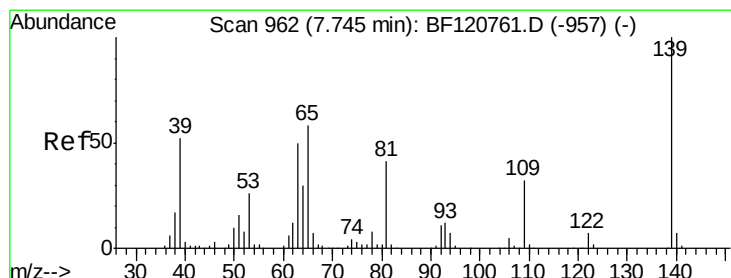
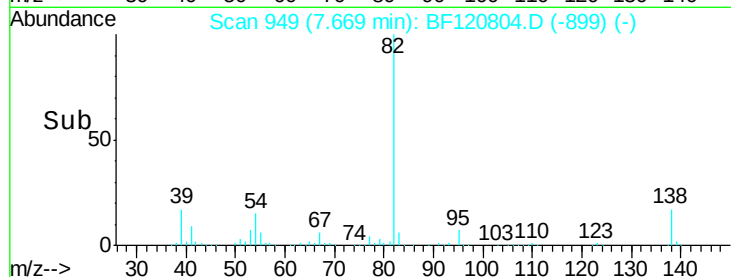
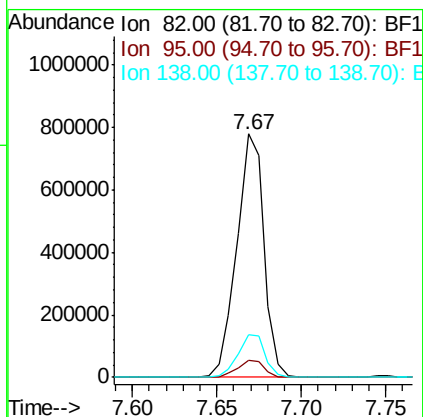
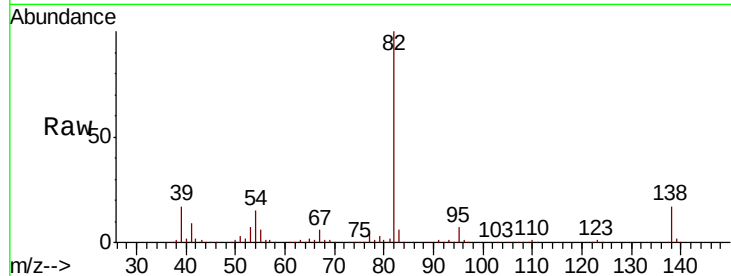




#25
Isophorone
Concen: 39.730 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

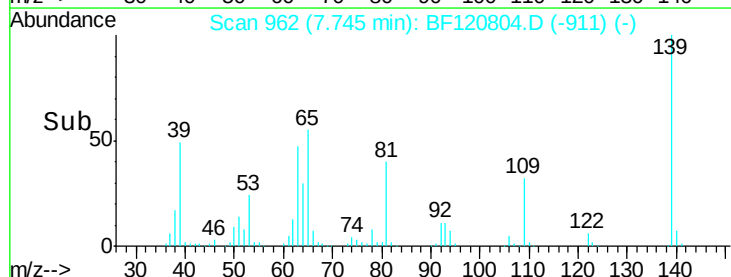
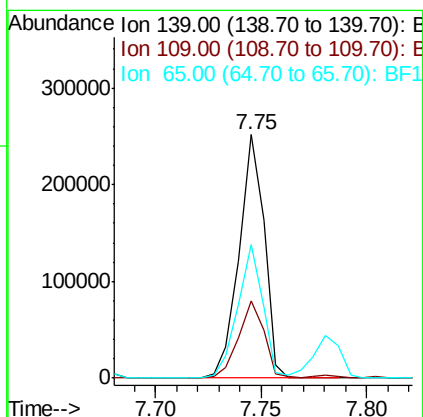
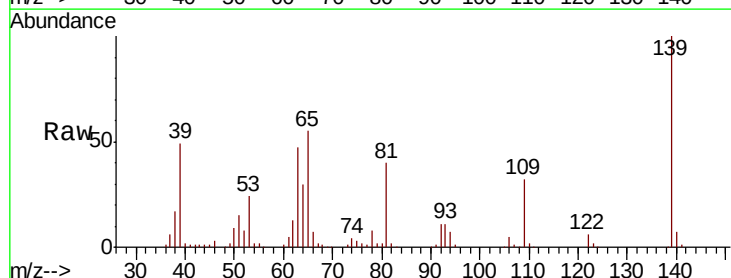
Instrument :
BNA_F
ClientSampleId :
PB130002BS

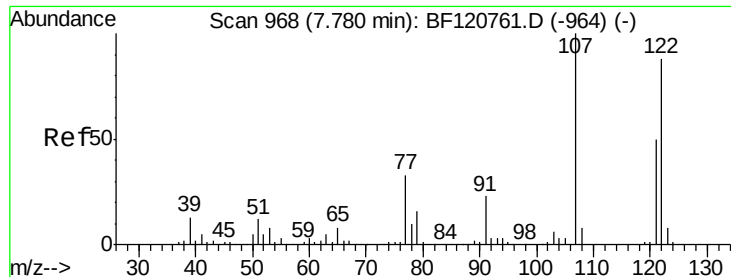
Tot Ion: 82 Resp: 874156
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.3 15.0 22.4



#26
2-Nitrophenol
Concen: 43.480 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion: 139 Resp: 207430
Ion Ratio Lower Upper
139 100
109 31.9 25.3 37.9
65 55.0 46.2 69.2

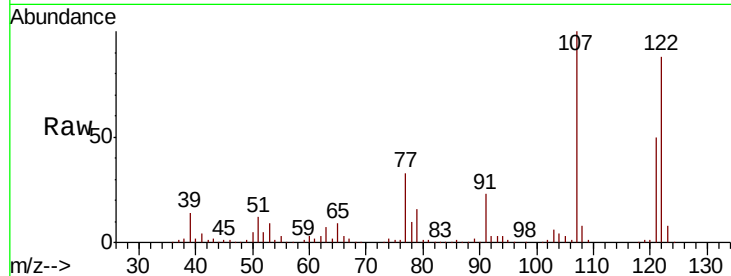




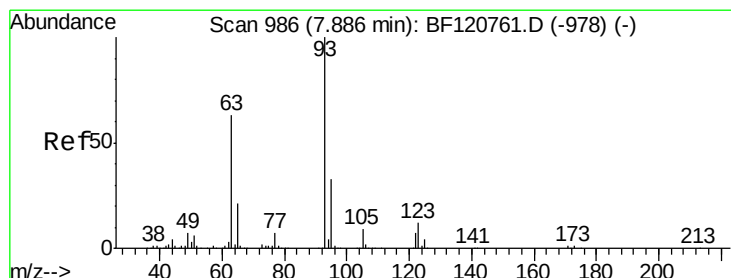
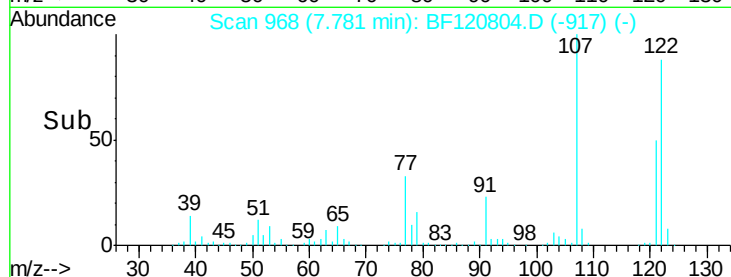
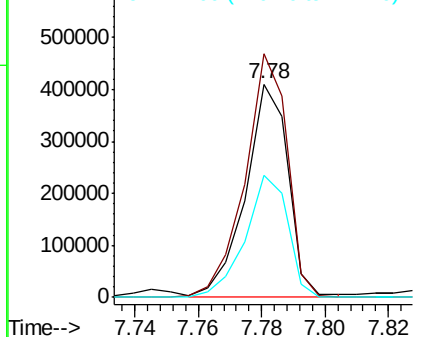
#27
2,4-Dimethylphenol
Concen: 43.417 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Instrument :
BNA_F
ClientSampleId :
PB130002BS

Tot Ion:122 Resp: 381338
Ion Ratio Lower Upper
122 100
107 114.3 90.7 136.1
121 57.3 45.4 68.0

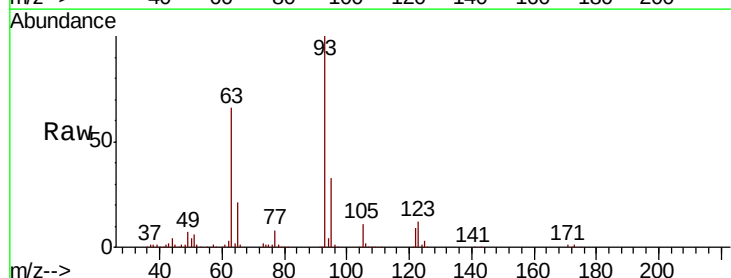


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

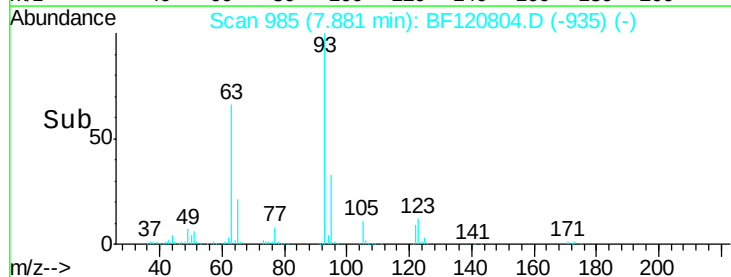
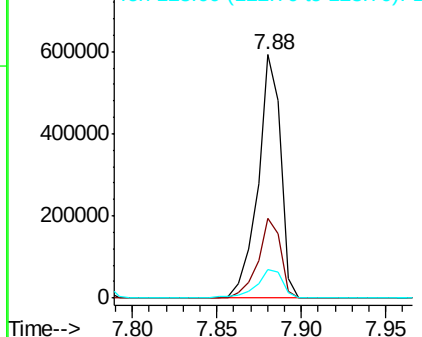


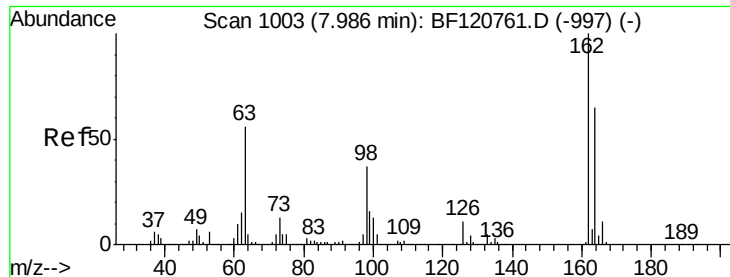
#28
bis(2-Chloroethoxy)methane
Concen: 42.274 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion: 93 Resp: 550501
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 11.7 10.2 15.2



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

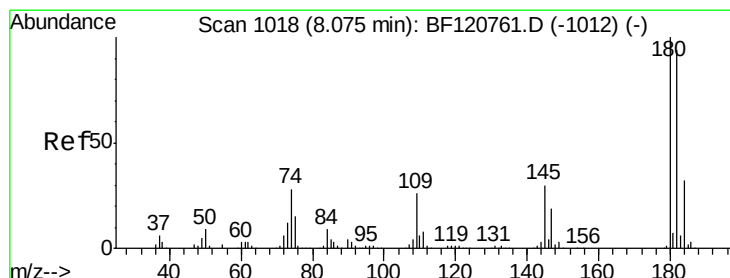
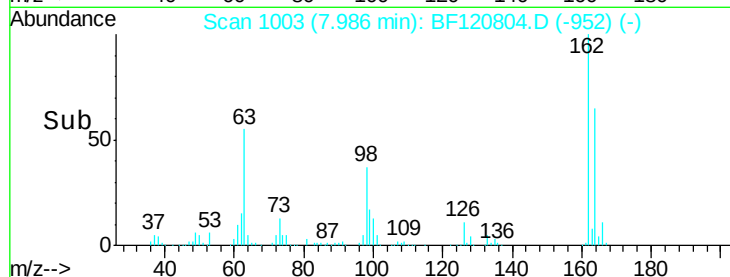
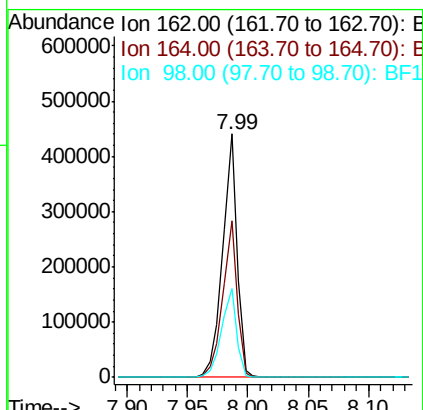
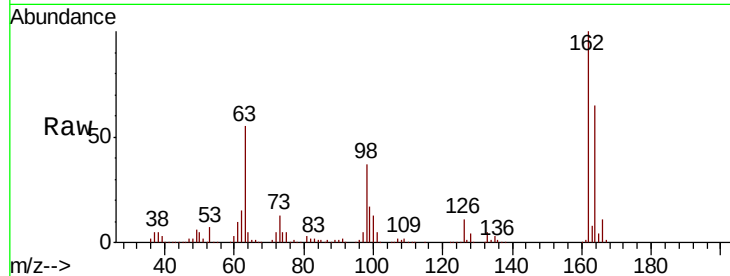




#29
 2,4-Dichlorophenol
 Concen: 41.582 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

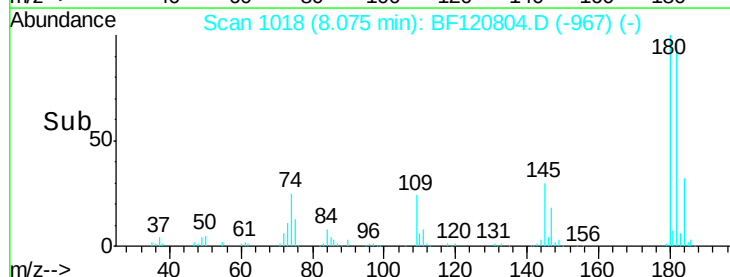
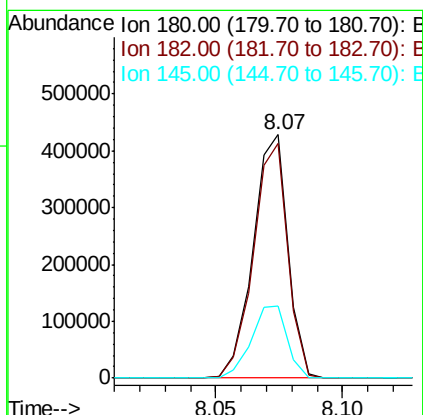
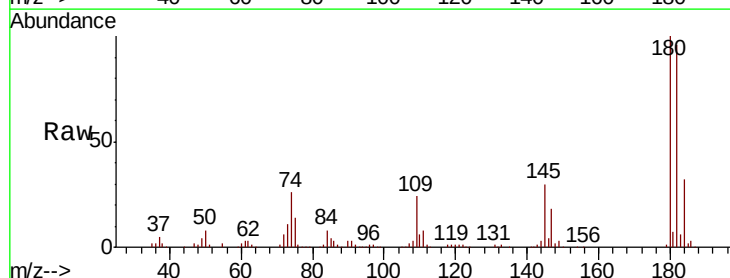
Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

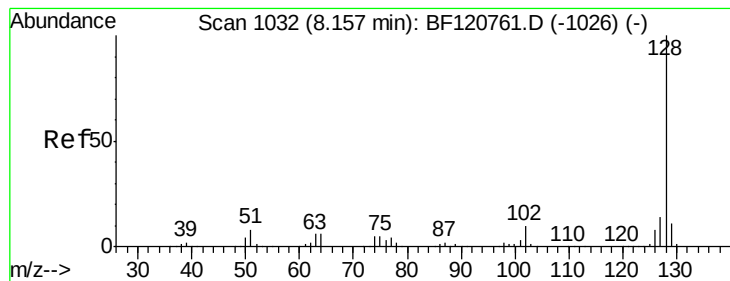
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.2	85.2
98	36.7	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.411 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.5	113.3
145	29.6	24.1	36.1





#31

Naphthalene

Concen: 41.556 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

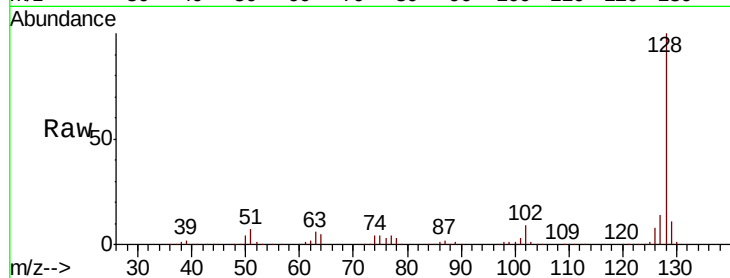
Tot Ion:128 Resp: 1312777

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

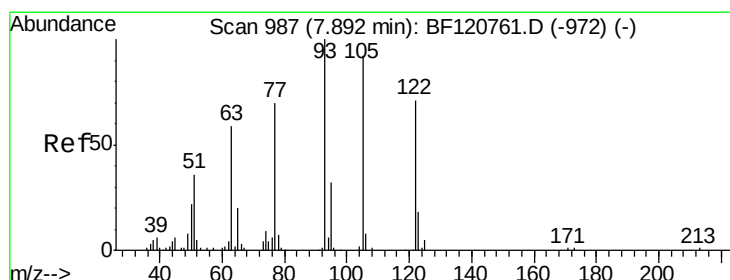
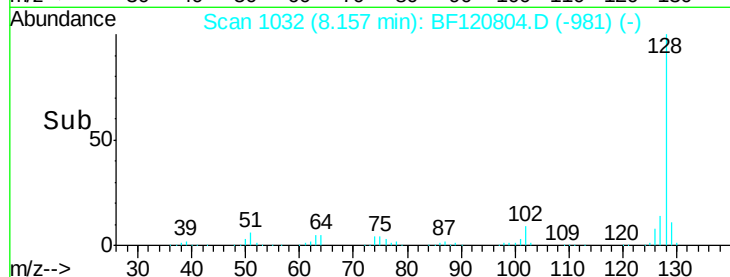
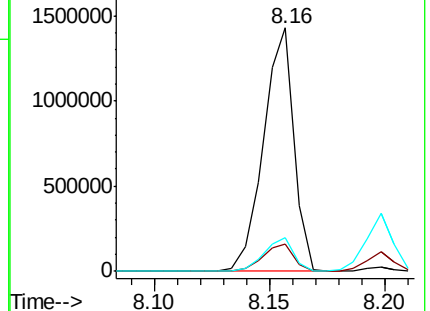
127 13.8 11.1 16.7



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: 29.865 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

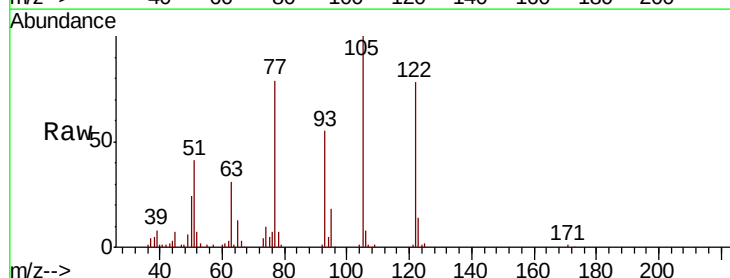
Tgt Ion:122 Resp: 174606

Ion Ratio Lower Upper

122 100

105 128.1 105.8 145.8

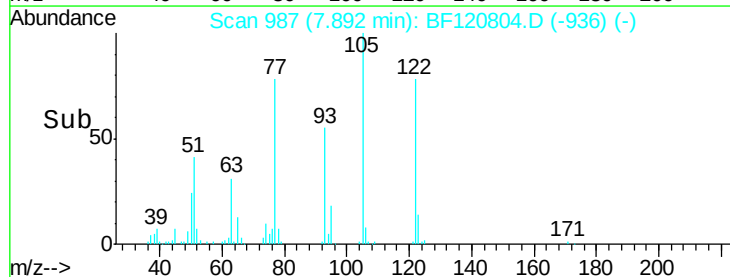
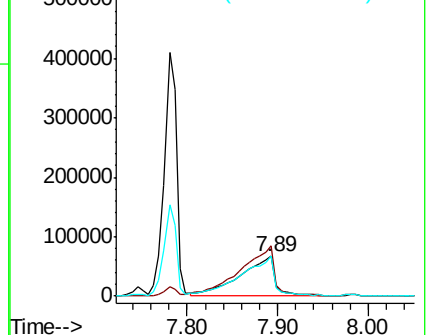
77 100.7 77.3 117.3

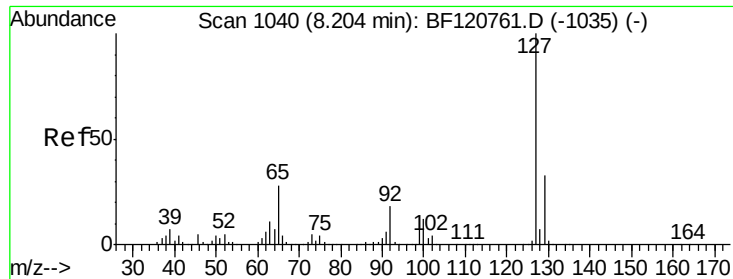


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

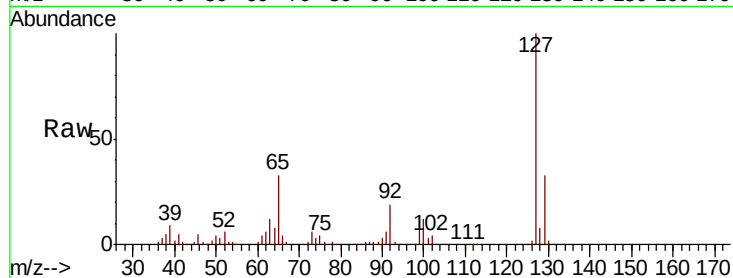




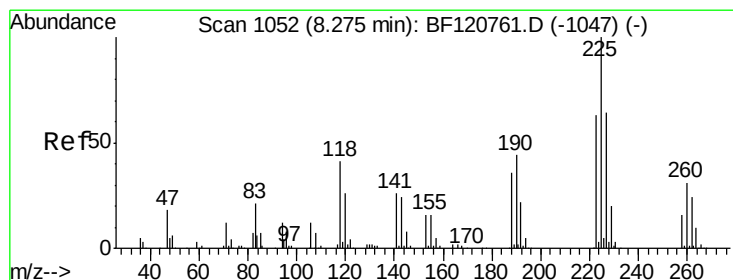
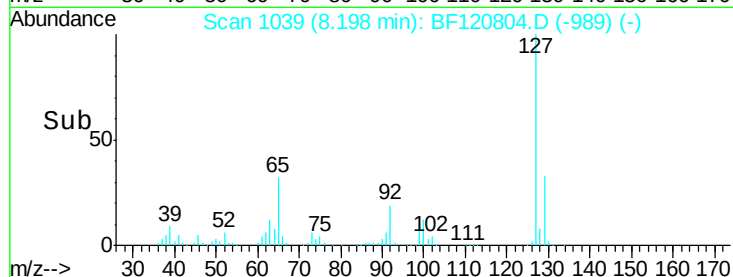
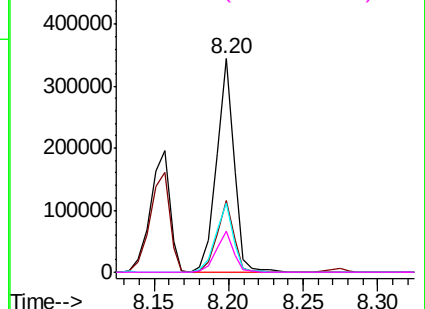
#33
4-Chloroaniline
Concen: 21.001 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Instrument :
BNA_F
ClientSampleId :
PB130002BS

Tot Ion:	127	Resp:	281526
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.6	39.8
65	32.5	22.7	34.1
92	18.9	14.3	21.5

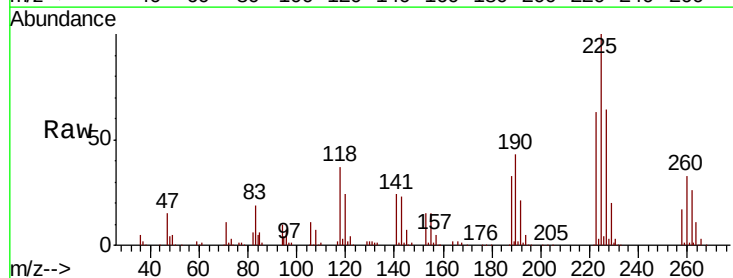


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

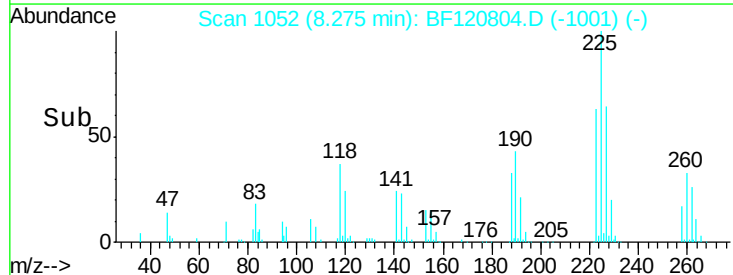
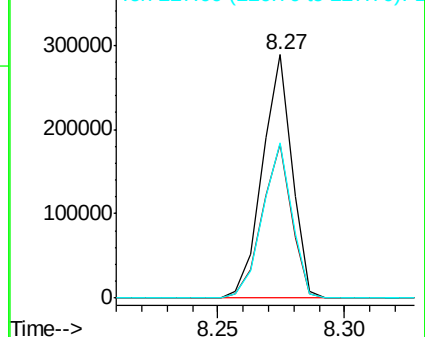


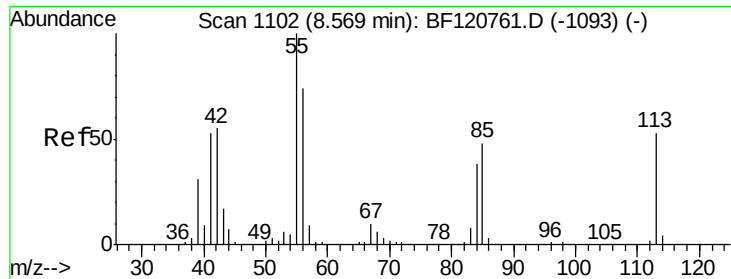
#34
Hexachlorobutadiene
Concen: 39.782 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion:	225	Resp:	235631
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.7	51.4	77.2



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

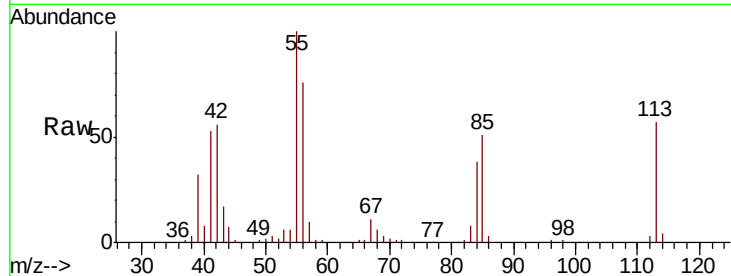




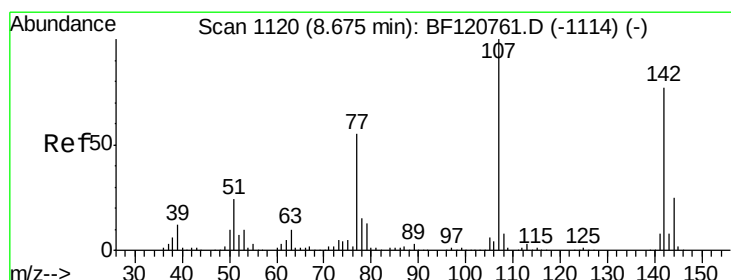
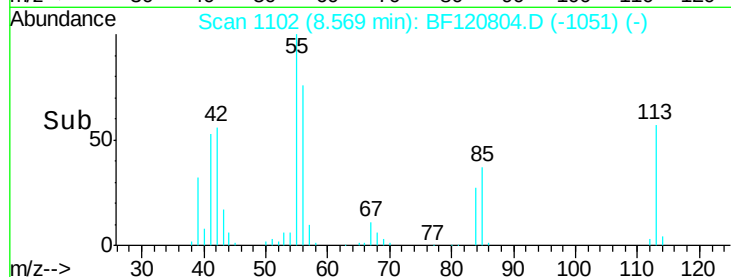
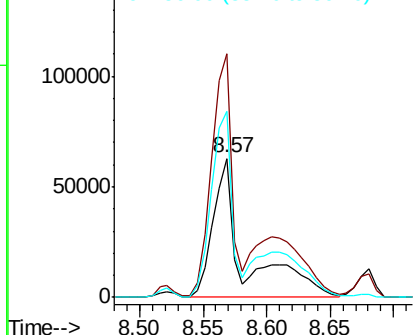
#35
 Caprolactam
 Concen: 42.001 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

Tot Ion:113 Resp: 107310
 Ion Ratio Lower Upper
 113 100
 55 175.1 168.3 208.3
 56 133.5 118.8 158.8

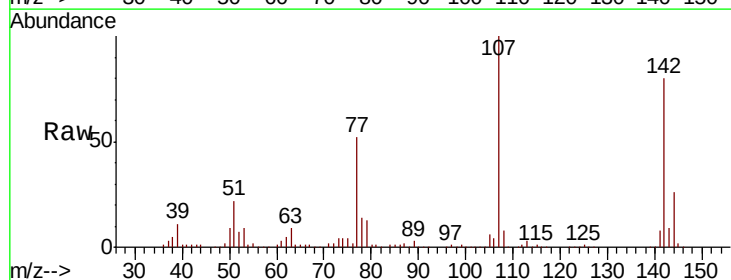


Abundance Ion 113.00 (112.70 to 113.70): E
 150000 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

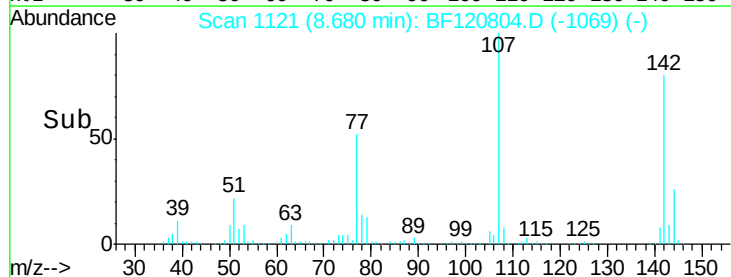
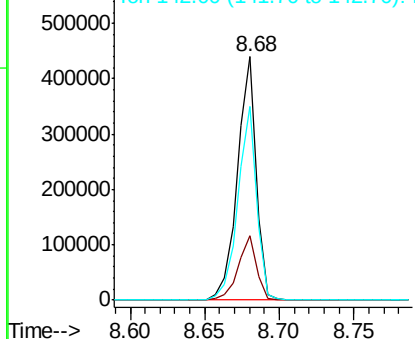


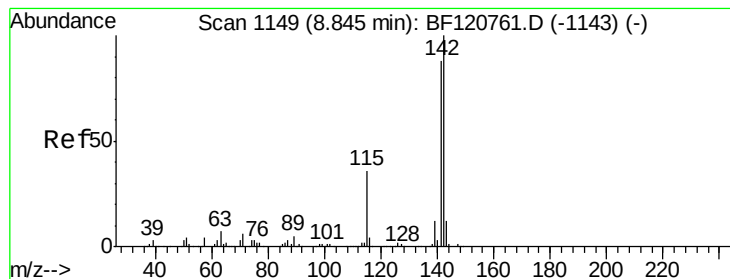
#36
 4-Chloro-3-methylphenol
 Concen: 42.689 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion:107 Resp: 389366
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.7 29.5
 142 79.6 61.2 91.8



Abundance Ion 107.00 (106.70 to 107.70): E
 600000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.958 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

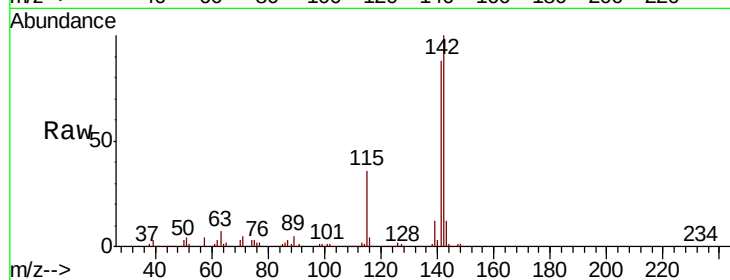
Tot Ion:142 Resp: 861653

Ion Ratio Lower Upper

142 100

141 87.8 70.2 105.4

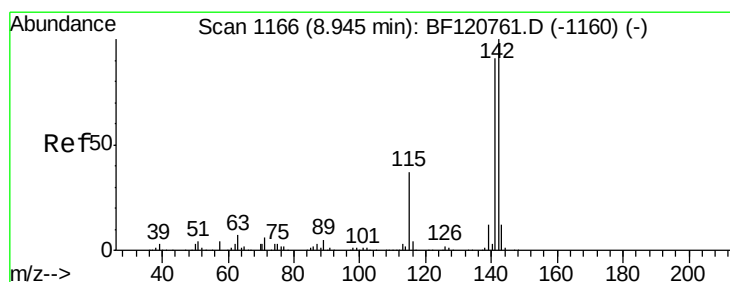
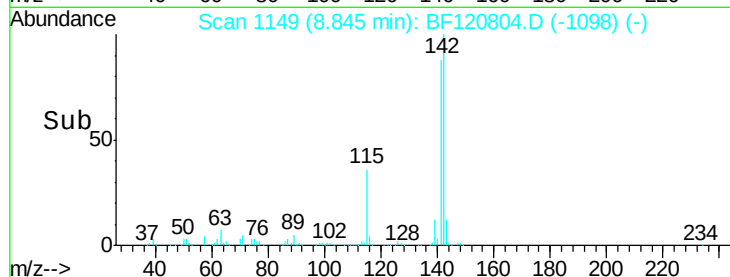
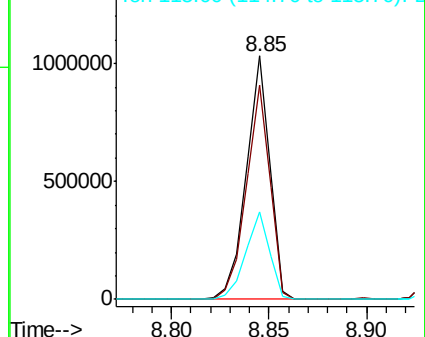
115 35.7 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.359 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

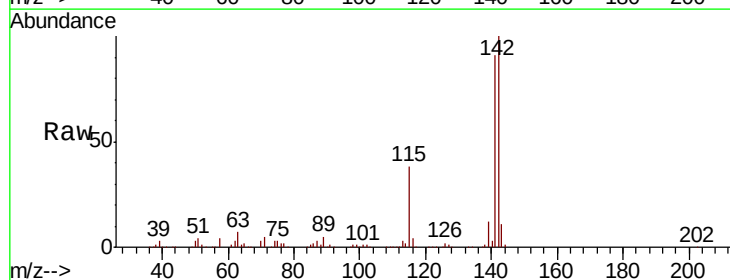
Tgt Ion:142 Resp: 814808

Ion Ratio Lower Upper

142 100

141 91.3 72.5 108.7

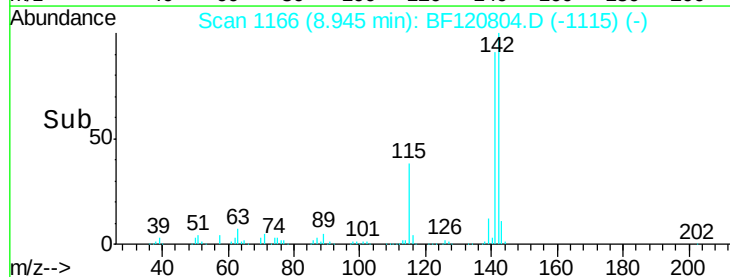
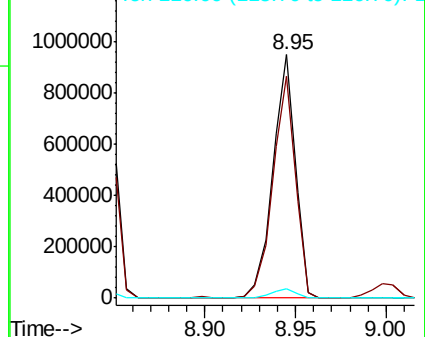
116 3.9 3.1 4.7

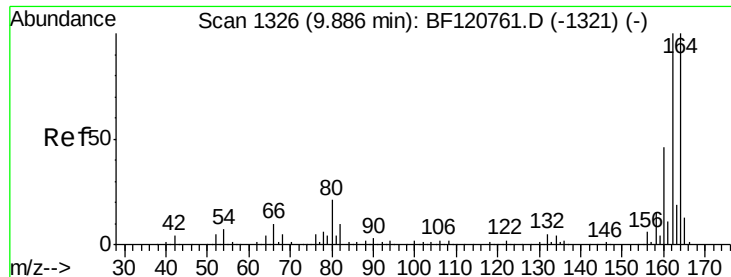


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

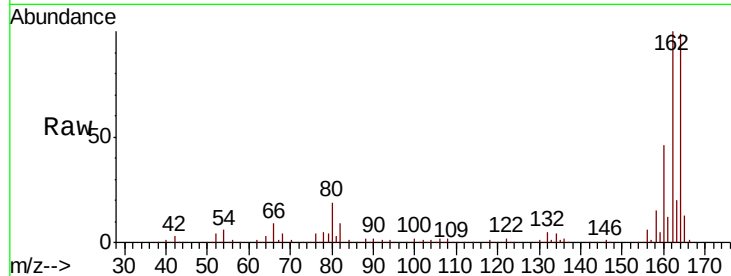




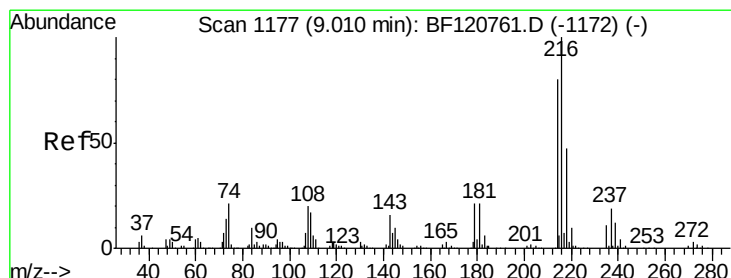
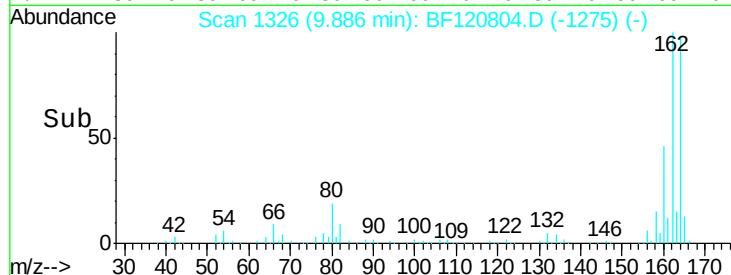
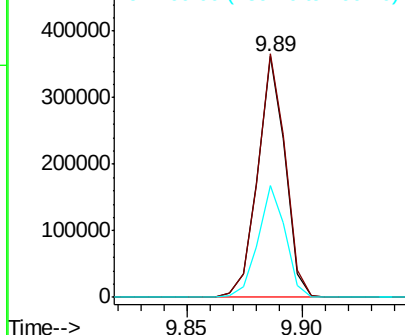
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Instrument :
BNA_F
ClientSampleId :
PB130002BS

Tot Ion:164 Resp: 300057
Ion Ratio Lower Upper
164 100
162 101.0 80.2 120.2
160 46.5 36.9 55.3

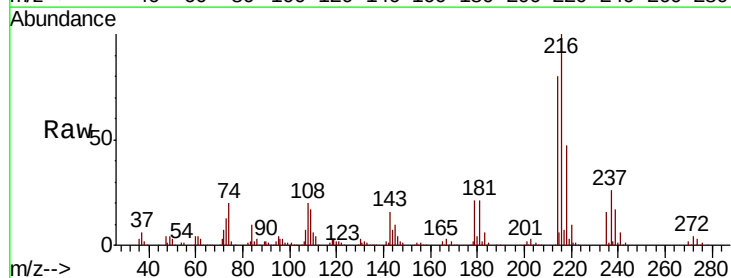


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

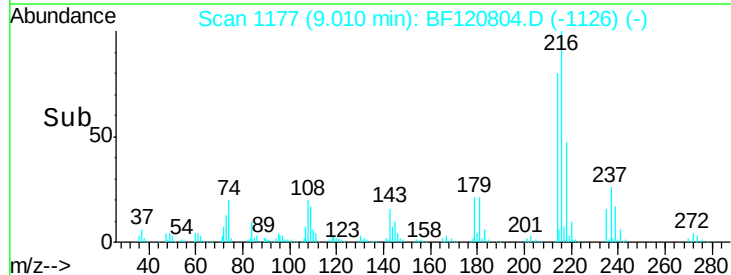
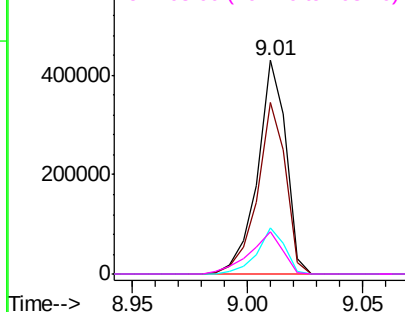


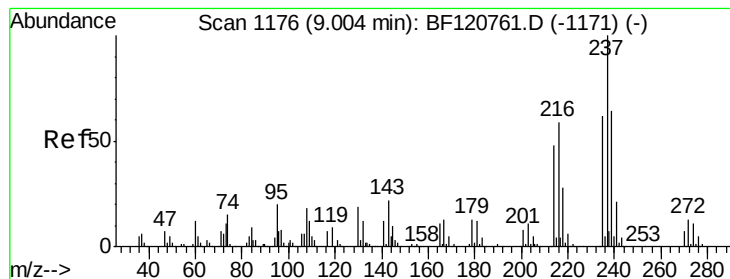
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.799 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion:216 Resp: 369986
Ion Ratio Lower Upper
216 100
214 79.7 63.7 95.5
179 21.0 16.7 25.1
108 22.9 17.0 25.4



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: 77.732 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

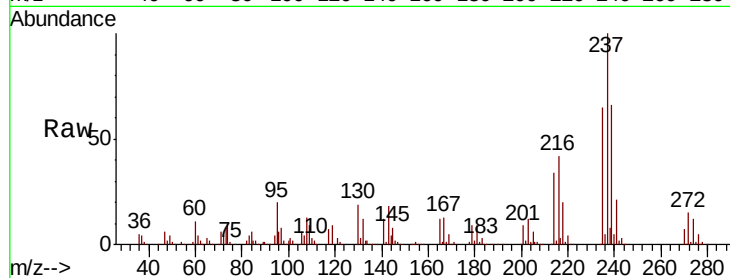
Tot Ion:237 Resp: 416486

Ion Ratio Lower Upper

237 100

235 64.6 42.1 82.1

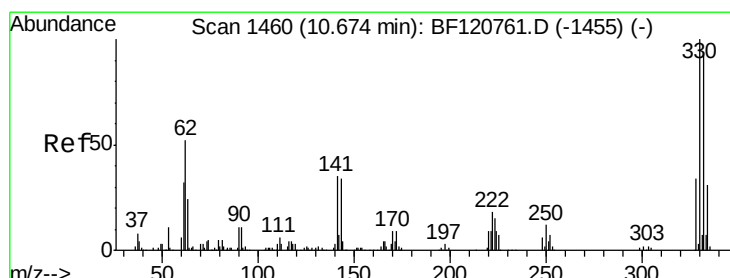
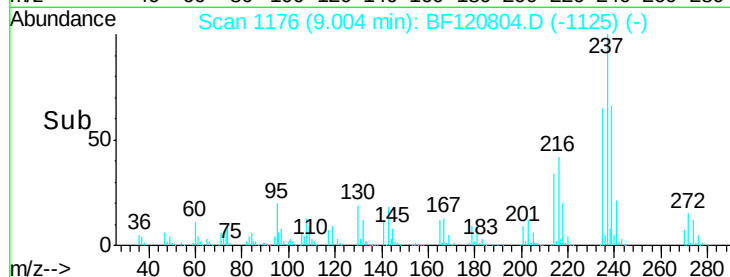
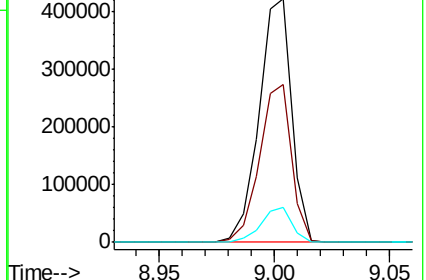
272 14.6 0.0 33.4



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: 124.092 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

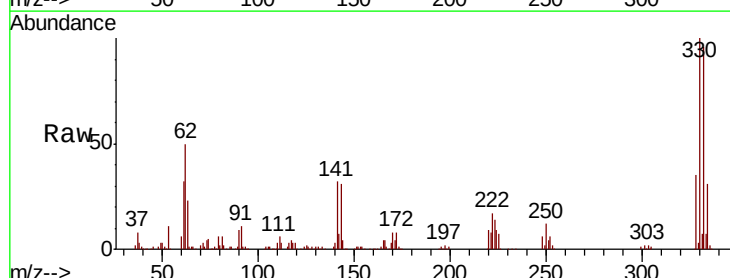
Tgt Ion:330 Resp: 374077

Ion Ratio Lower Upper

330 100

332 95.5 75.8 113.6

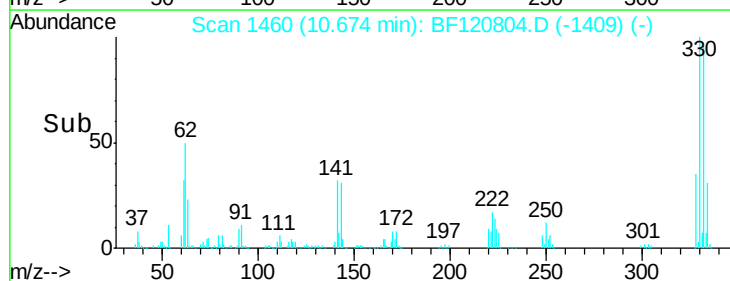
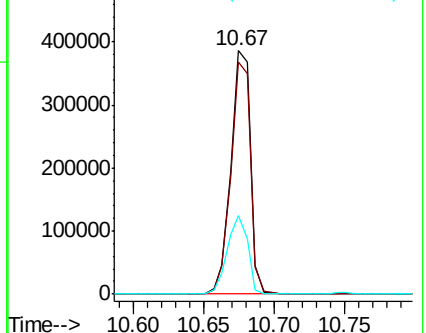
141 33.8 29.7 44.5

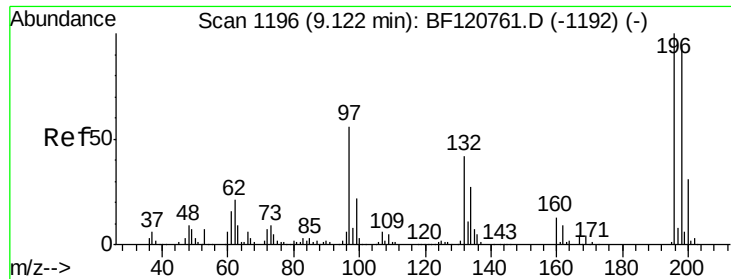


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

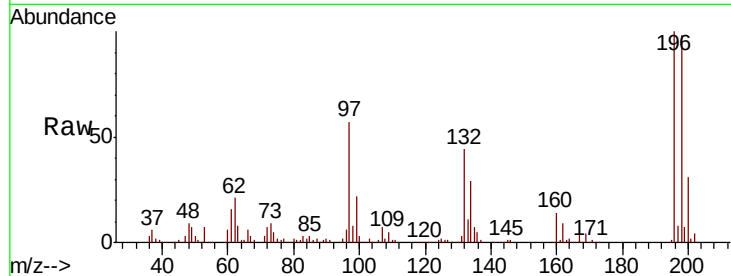




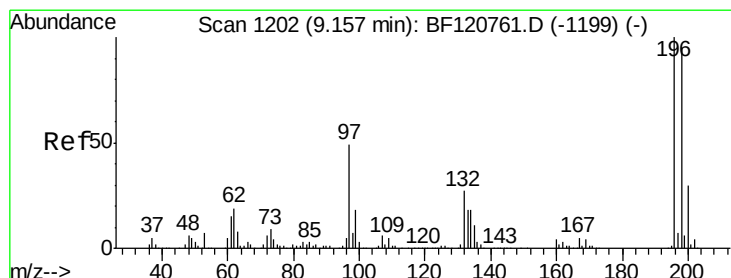
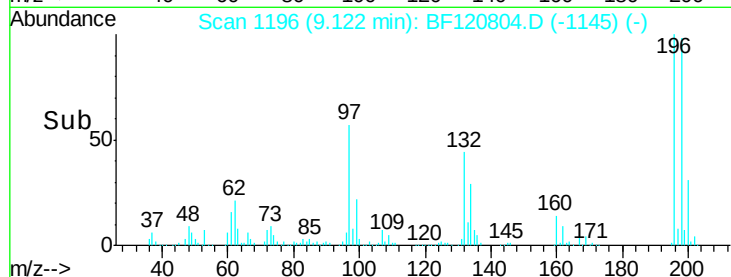
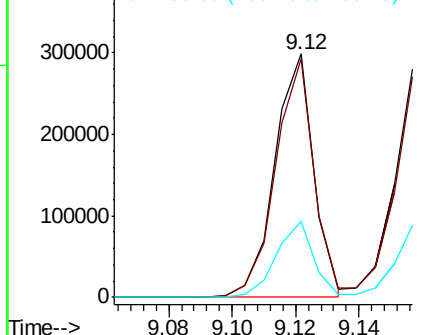
#43
 2,4,6-Trichlorophenol
 Concen: 41.531 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

Tot Ion	196	Resp	256634
Ion Ratio	Lower	Upper	
196	100		
198	97.9	75.3	112.9
200	31.2	24.4	36.6



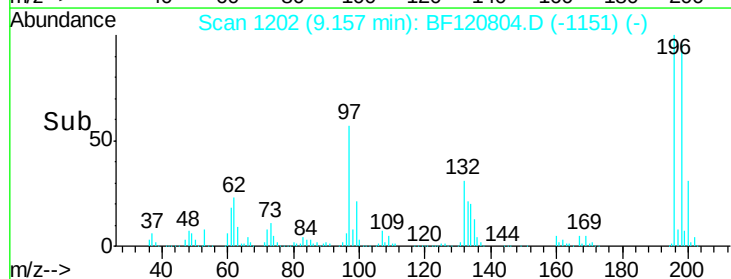
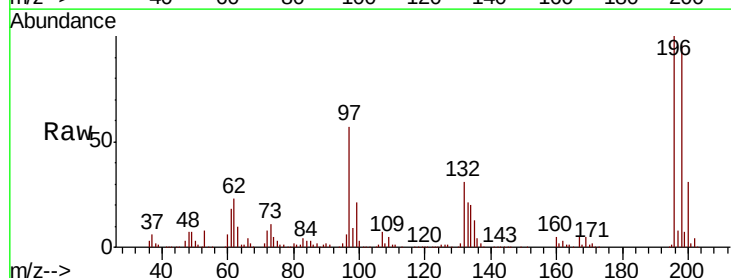
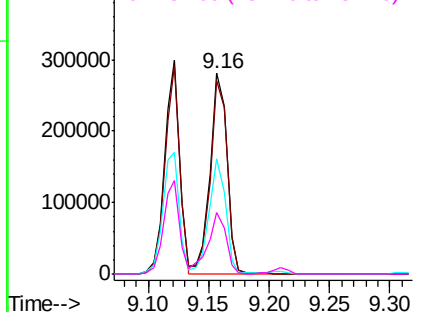
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

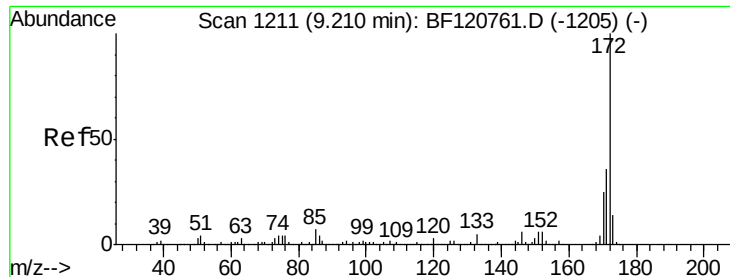


#44
 2,4,5-Trichlorophenol
 Concen: 39.857 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion	196	Resp	273325
Ion Ratio	Lower	Upper	
196	100		
198	96.5	76.2	114.2
97	57.4	39.6	59.4
132	30.6	22.0	33.0

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

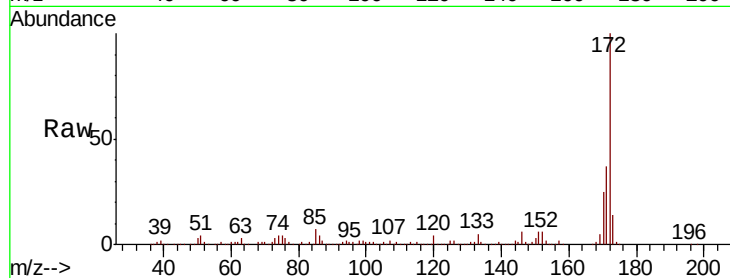




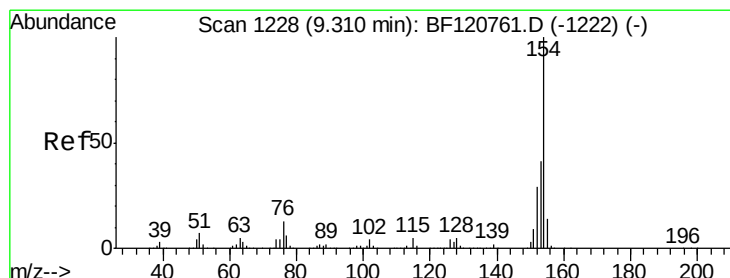
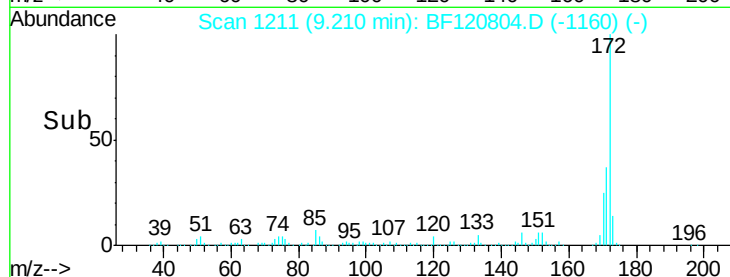
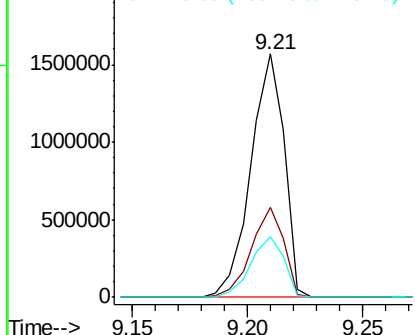
#45
2-Fluorobiphenyl
Concen: 79.953 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Instrument :
BNA_F
ClientSampleId :
PB130002BS

Tot Ion:172 Resp: 1585685
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 25.0 19.8 29.6

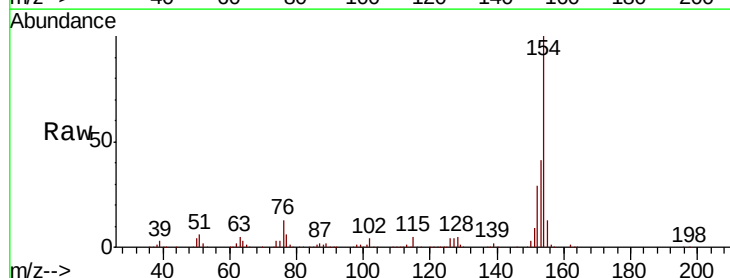


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

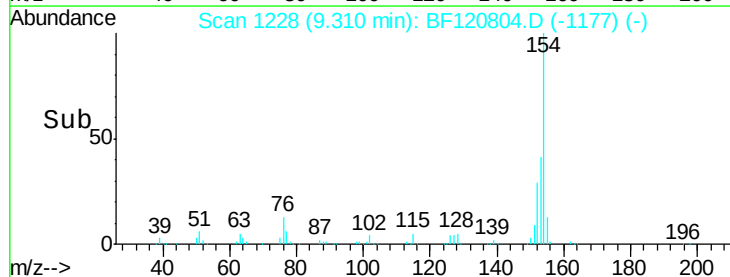
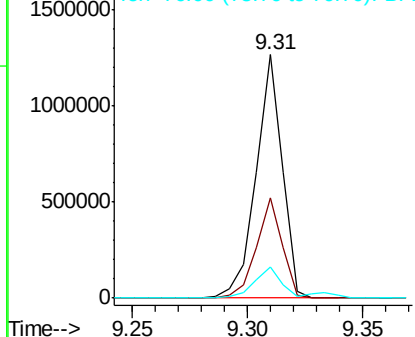


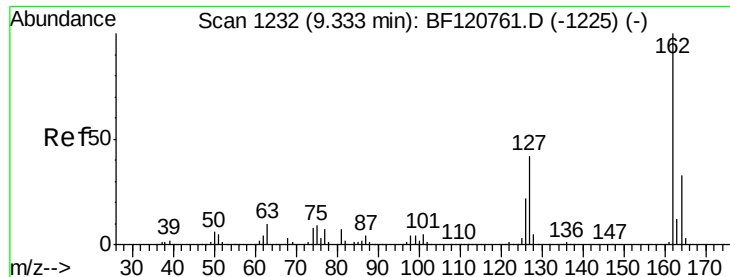
#46
1,1'-Biphenyl
Concen: 41.492 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion:154 Resp: 1004243
Ion Ratio Lower Upper
154 100
153 41.2 20.7 60.7
76 13.0 0.0 33.3



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

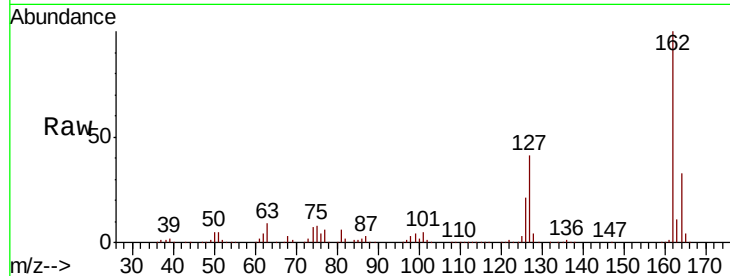




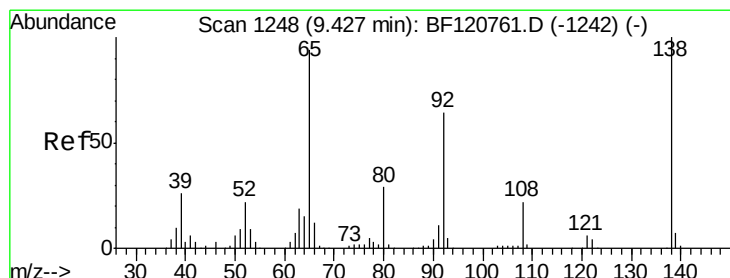
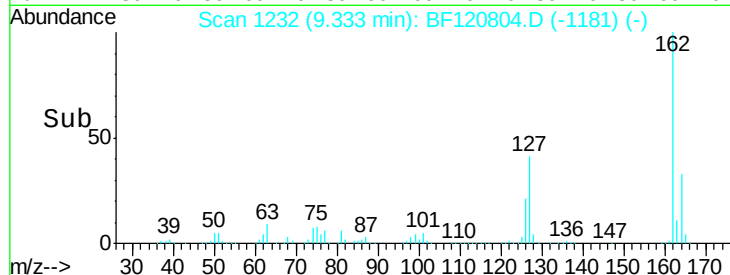
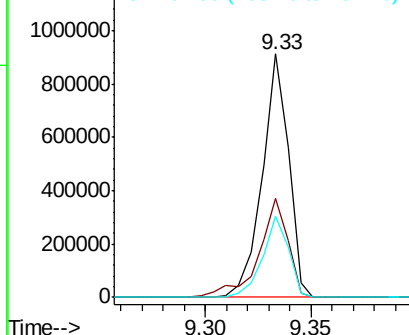
#47
 2-Chloronaphthalene
 Concen: 41.013 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

Tot Ion:162 Resp: 795240
 Ion Ratio Lower Upper
 162 100
 127 40.8 33.7 50.5
 164 33.4 26.4 39.6

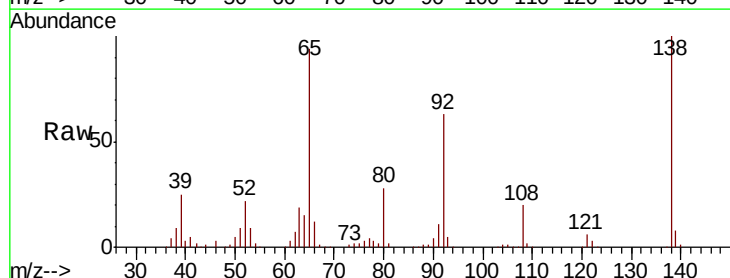


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

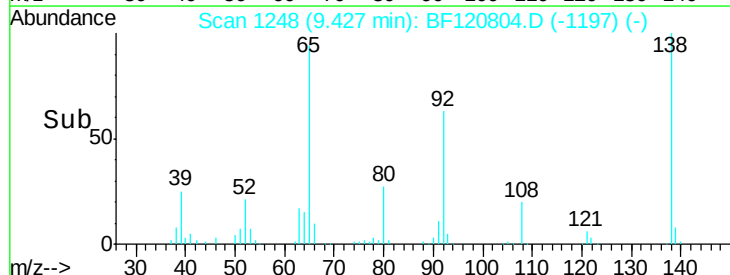
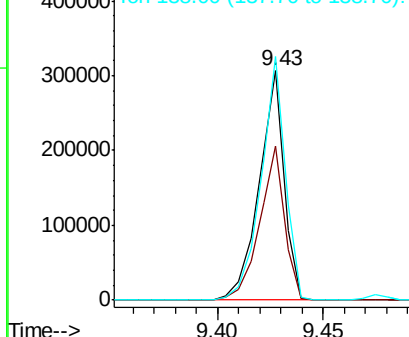


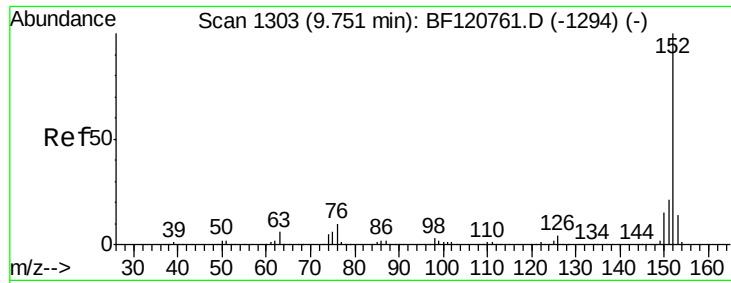
#48
 2-Nitroaniline
 Concen: 43.930 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion: 65 Resp: 253693
 Ion Ratio Lower Upper
 65 100
 92 67.3 54.4 81.6
 138 106.1 84.7 127.1



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





#49

Acenaphthylene

Concen: 40.930 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

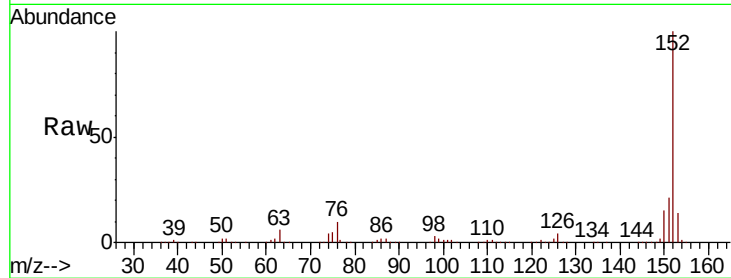
Tot Ion:152 Resp: 1244256

Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

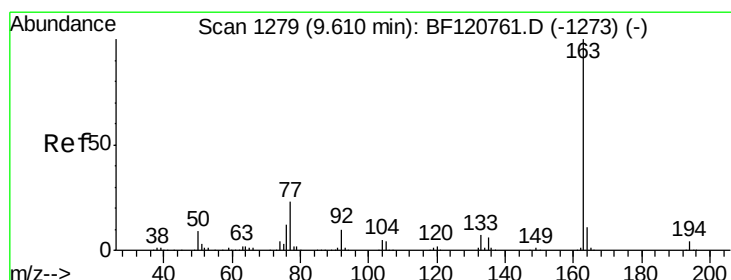
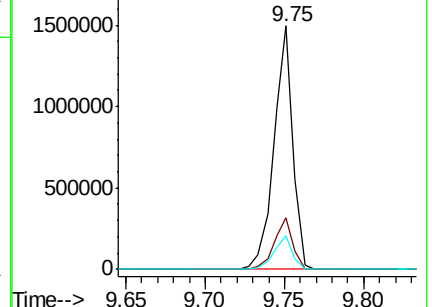
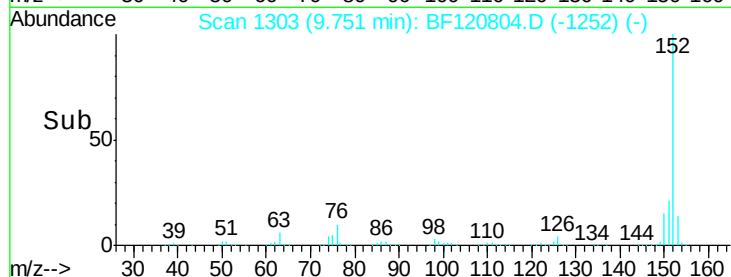
153 13.9 10.8 16.2



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: 41.353 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

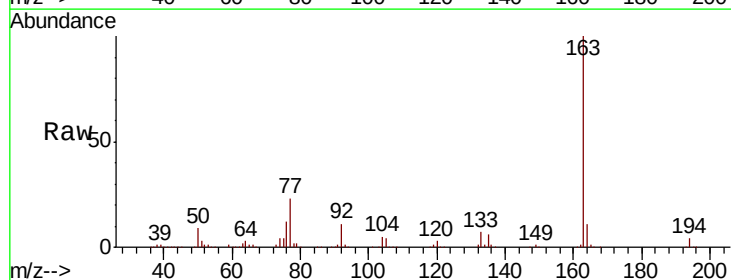
Tgt Ion:163 Resp: 905148

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

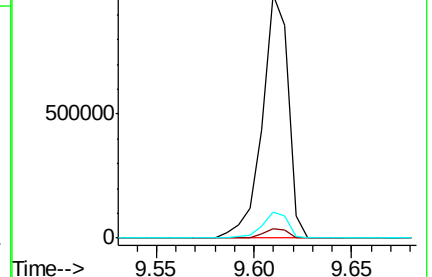
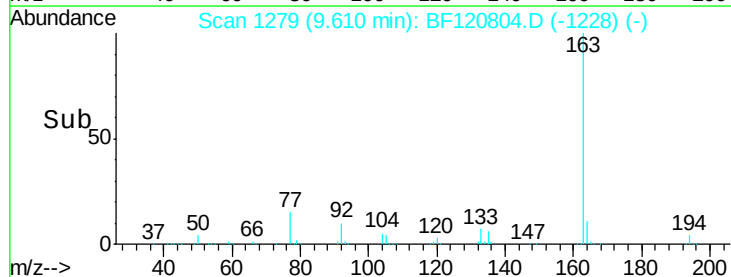
164 10.9 8.5 12.7

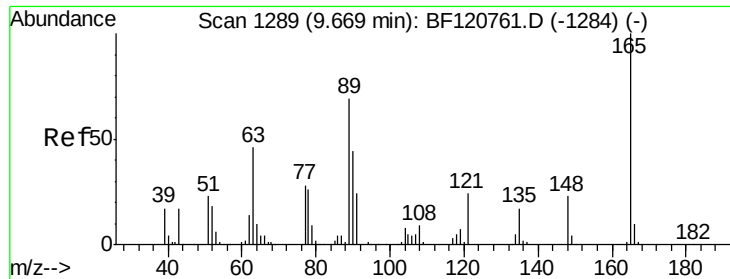


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

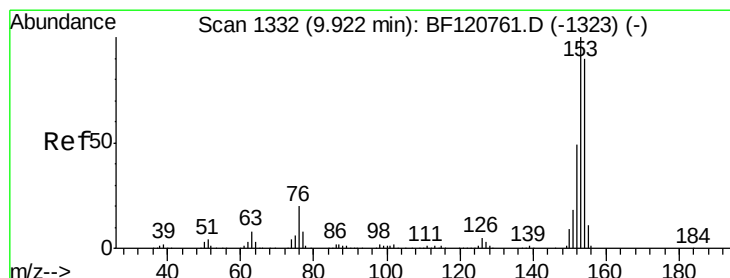
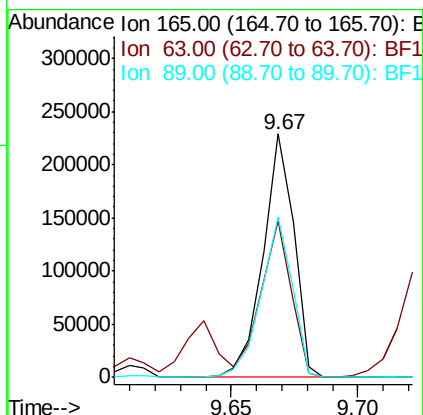
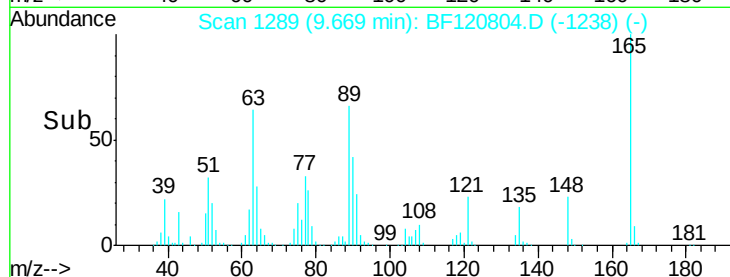
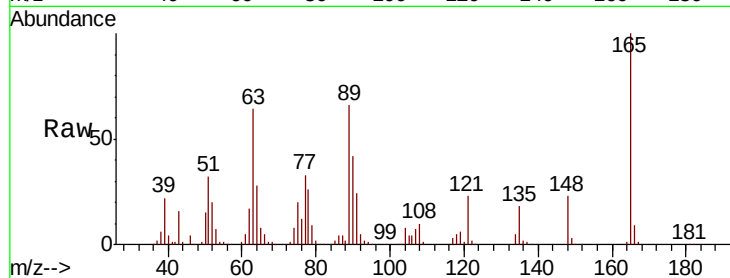




#51
 2,6-Dinitrotoluene
 Concen: 44.836 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

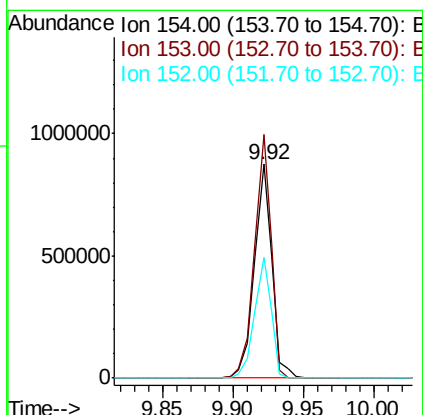
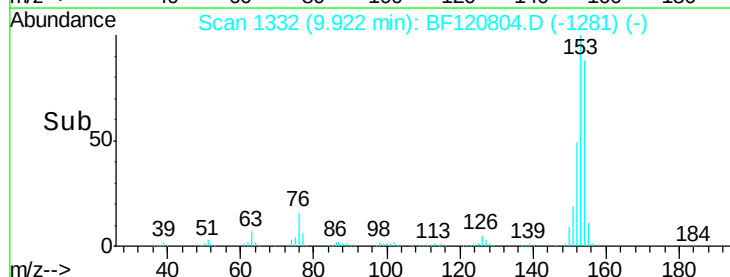
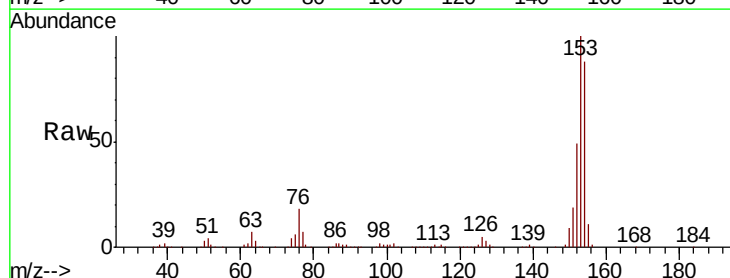
Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

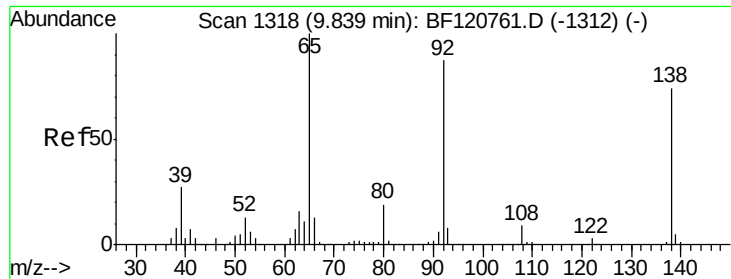
Tot Ion:	165	Resp:	194358
Ion	Ratio	Lower	Upper
165	100		
63	64.2	54.0	81.0
89	65.6	55.4	83.2



#52
 Acenaphthene
 Concen: 40.781 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion:	154	Resp:	769096
Ion	Ratio	Lower	Upper
154	100		
153	113.7	88.6	132.8
152	56.1	43.6	65.4

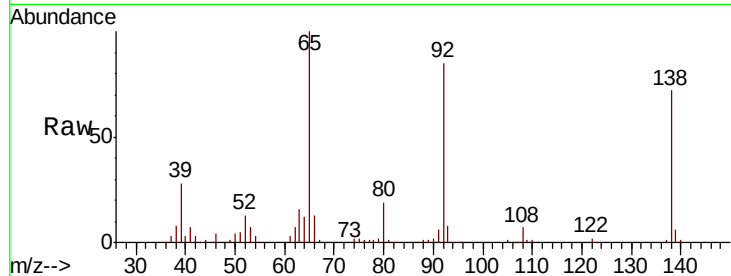




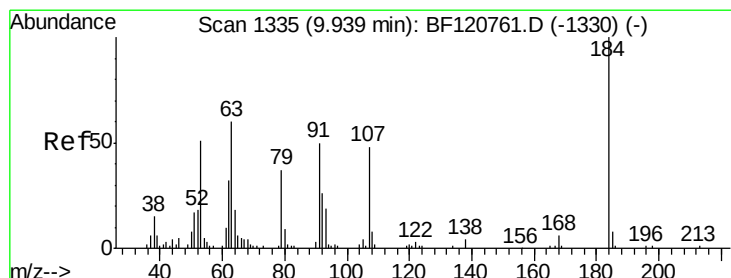
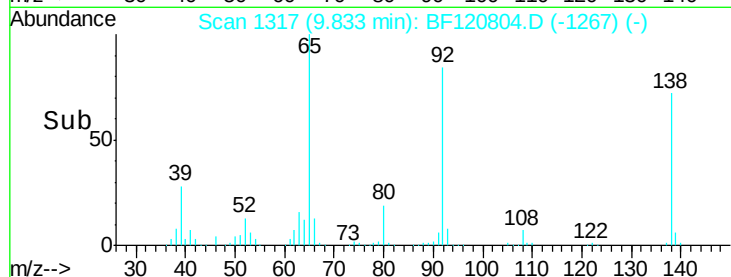
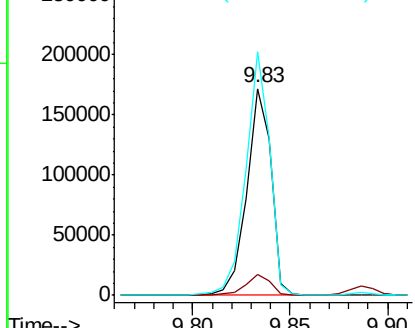
#53
3-Nitroaniline
Concen: 28.665 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Instrument :
BNA_F
ClientSampleId :
PB130002BS

Tot Ion:138 Resp: 148072
Ion Ratio Lower Upper
138 100
108 10.2 9.8 14.6
92 117.8 93.4 140.2

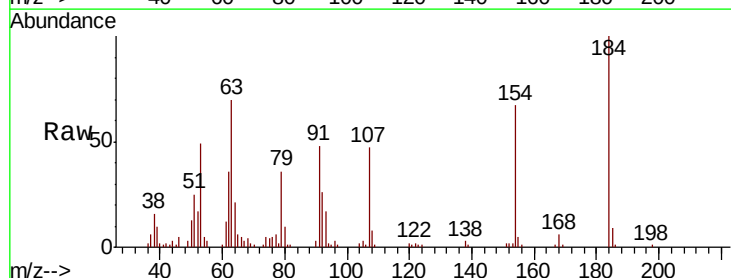


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

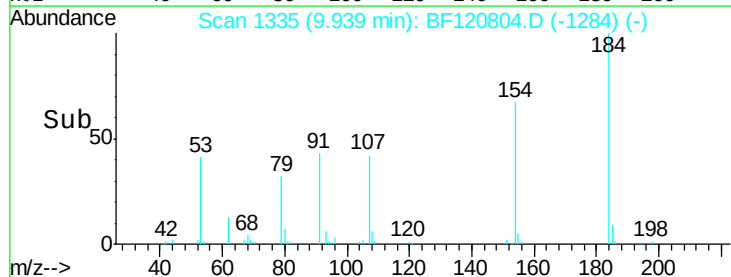
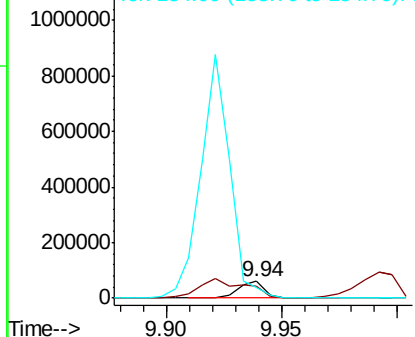


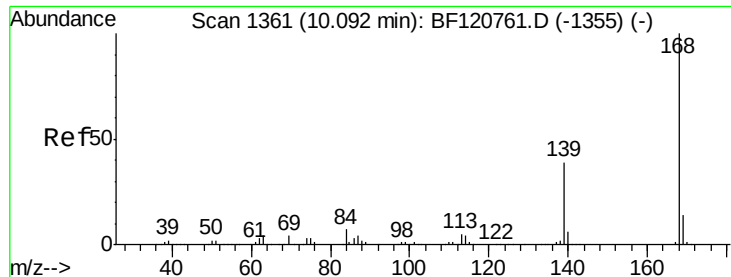
#54
2,4-Dinitrophenol
Concen: 34.613 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion:184 Resp: 48731
Ion Ratio Lower Upper
184 100
63 70.4 57.3 85.9
154 67.0 55.8 83.6



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





#55

Dibenzenofuran

Concen: 41.822 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

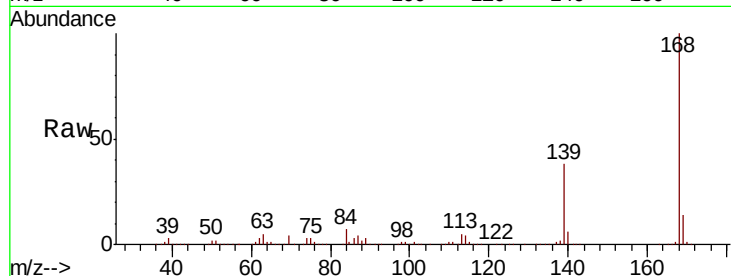
Tot Ion:168 Resp: 1136922

Ion Ratio Lower Upper

168 100

139 37.8 31.3 46.9

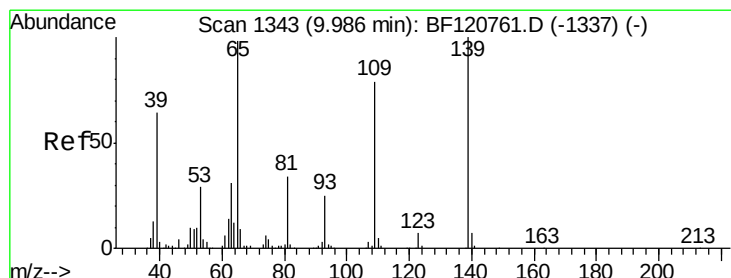
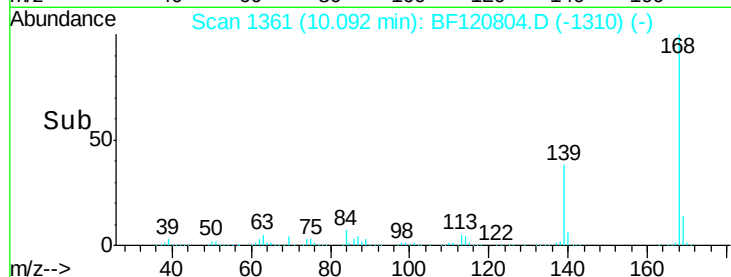
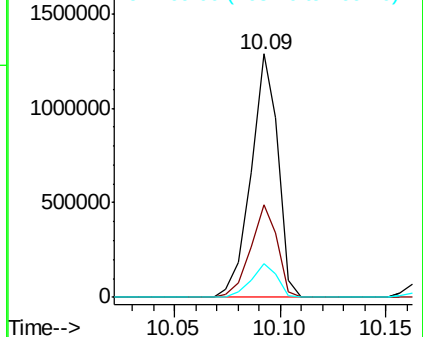
169 14.0 11.2 16.8



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: 84.192 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

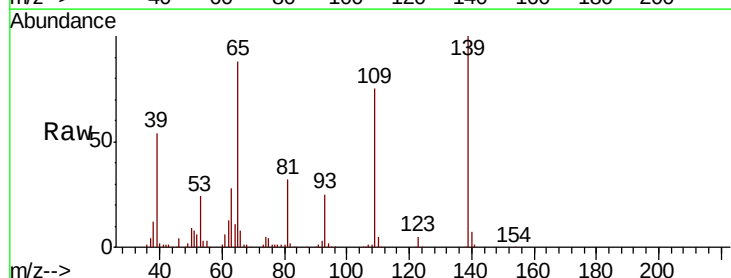
Tgt Ion:139 Resp: 338415

Ion Ratio Lower Upper

139 100

109 74.6 58.6 98.6

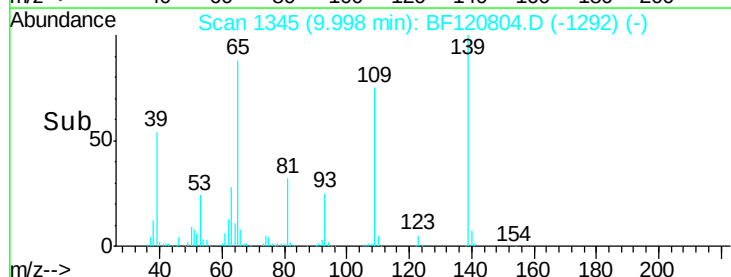
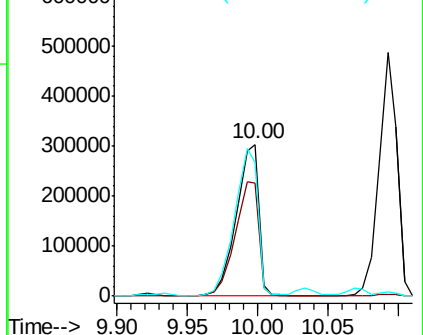
65 87.8 78.7 118.7

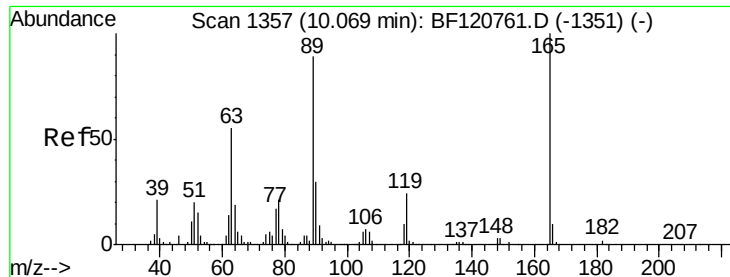


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 47.572 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.01 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

Tot Ion:165 Resp: 257617

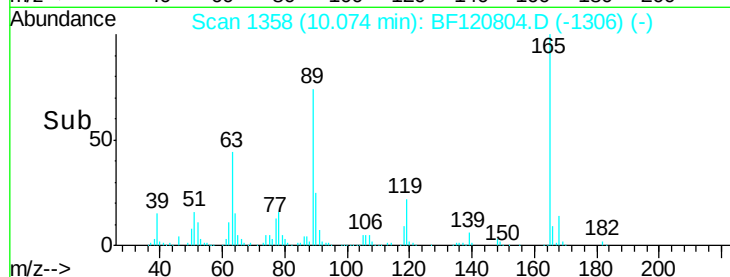
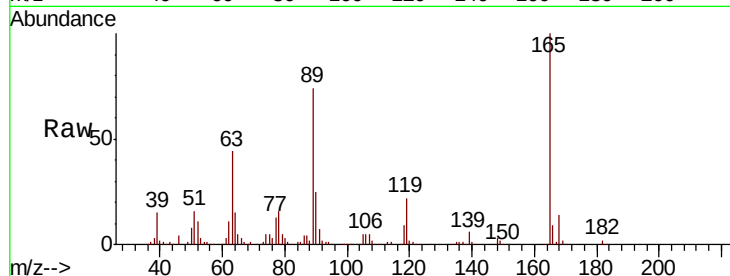
Ion Ratio Lower Upper

165 100

63 43.9 43.8 65.8

89 74.2 71.4 107.2

182 2.2 1.8 2.6

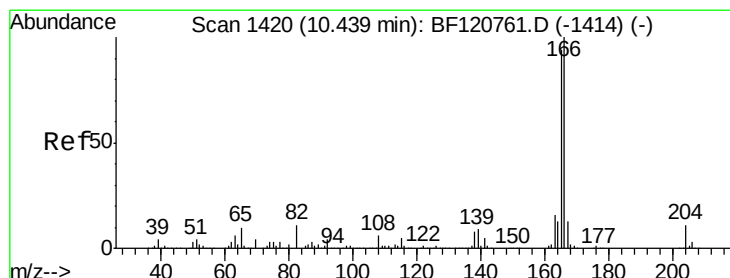
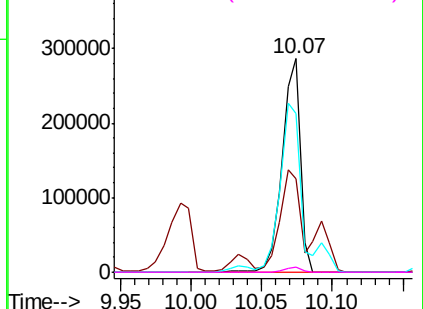


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.526 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

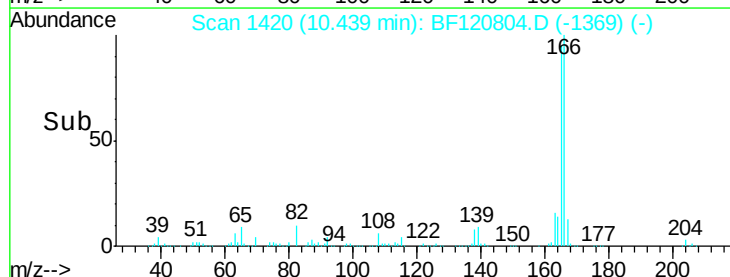
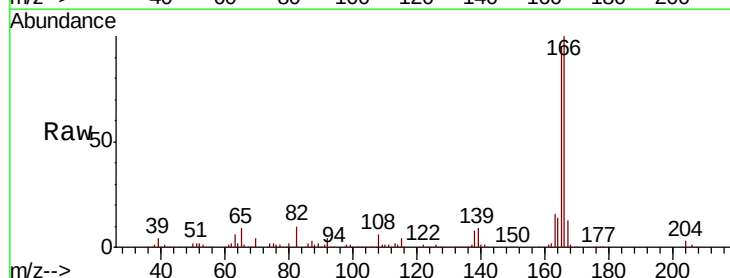
Tgt Ion:166 Resp: 840247

Ion Ratio Lower Upper

166 100

165 95.0 75.5 113.3

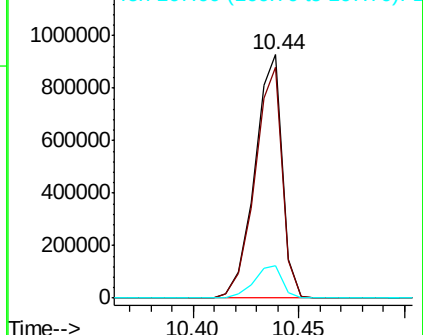
167 13.4 10.6 16.0

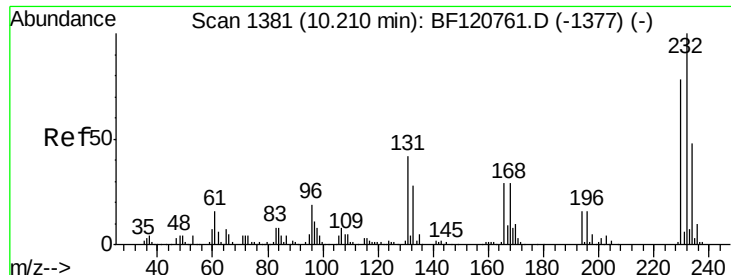


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

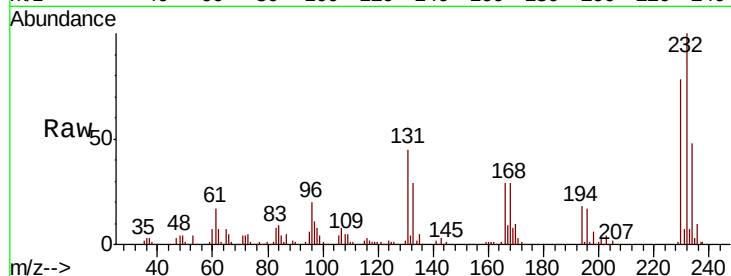




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.562 ng m
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.8	36.3	54.5
130	2.4	2.0	3.0
166	24.2	20.9	31.3



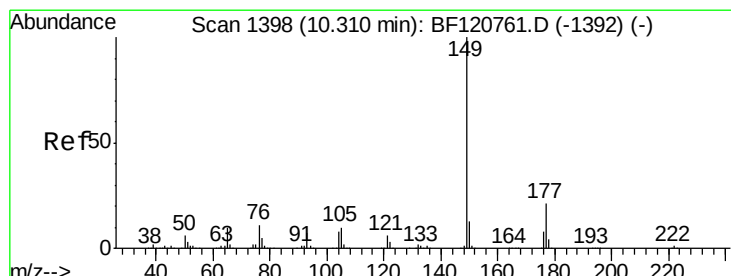
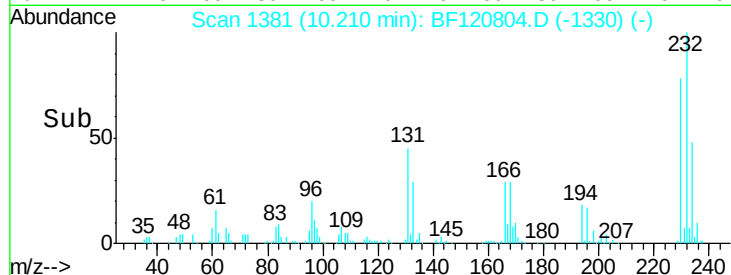
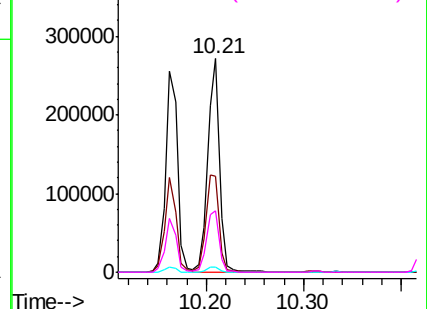
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

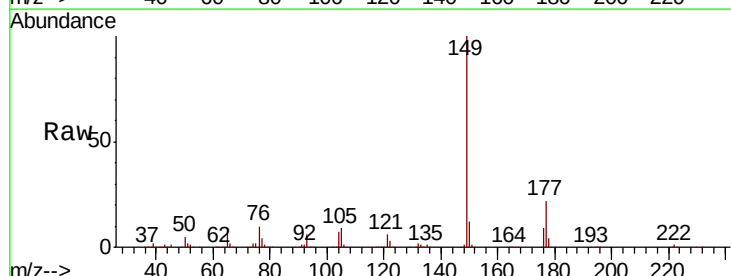
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.118 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.4	24.6
150	12.5	10.2	15.4

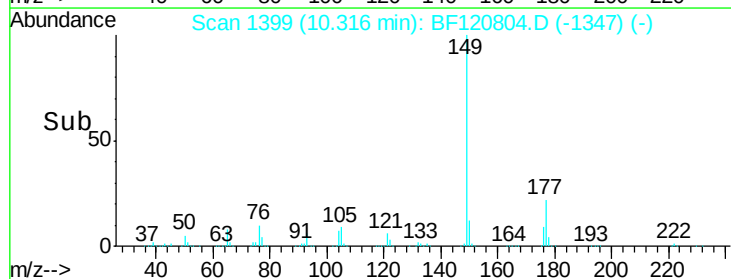
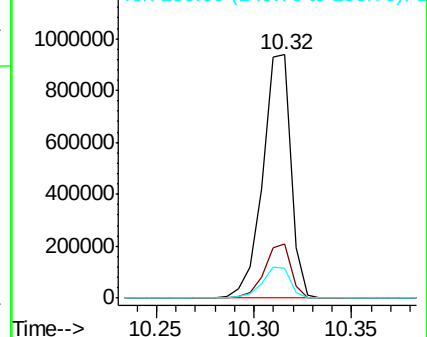


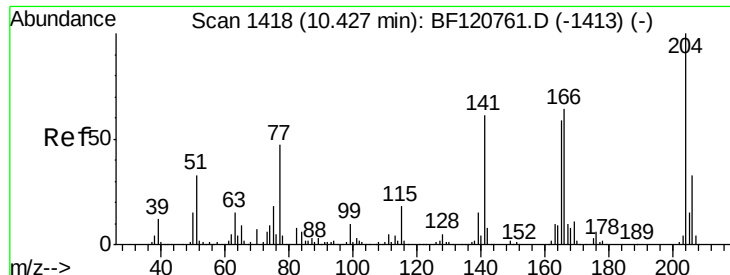
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

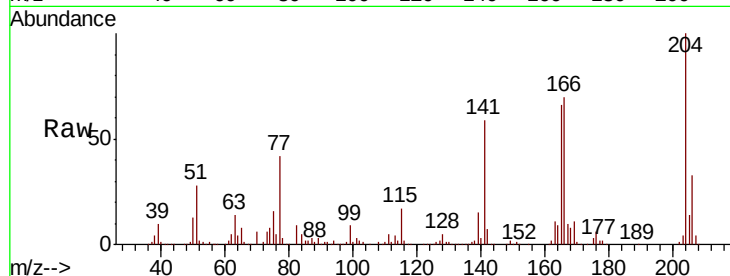




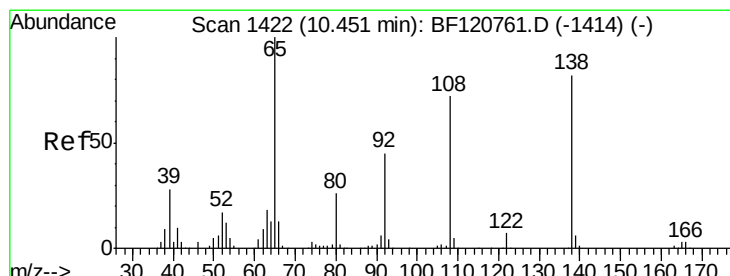
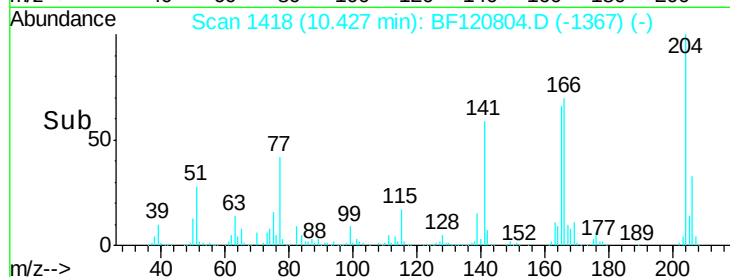
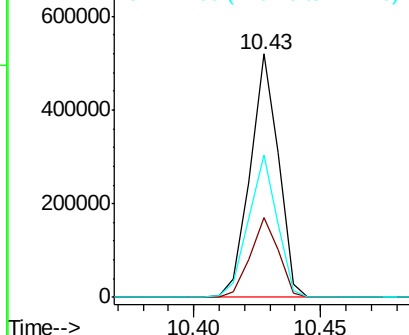
#61
4-Chlorophenyl-phenylether
Concen: 39.748 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Instrument :
BNA_F
ClientSampleId :
PB130002BS

Tot Ion:204 Resp: 404319
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 58.8 48.5 72.7

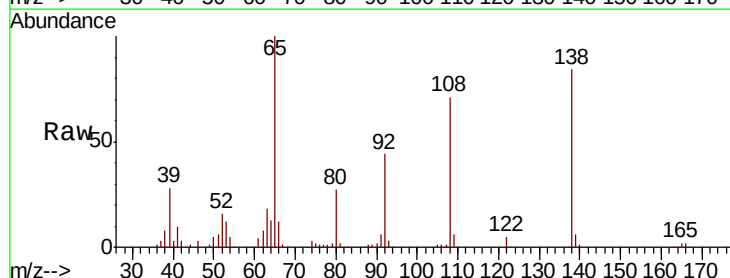


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

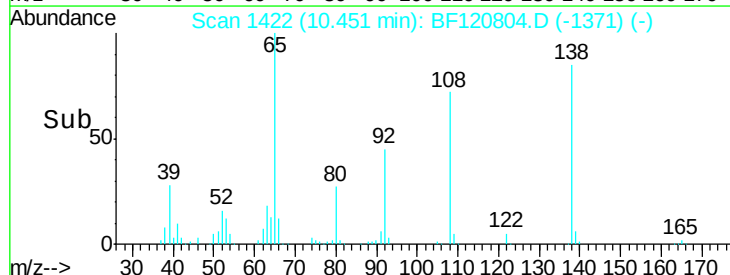
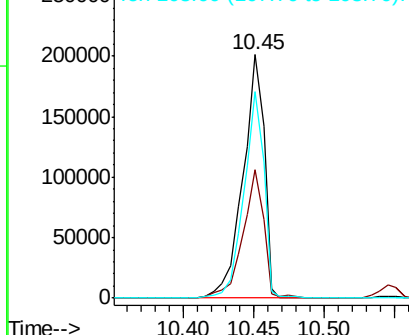


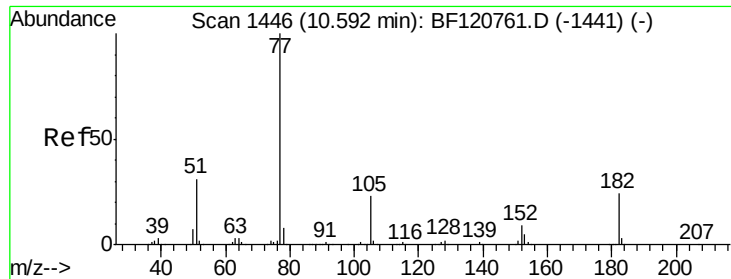
#62
4-Nitroaniline
Concen: 45.632 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion:138 Resp: 212219
Ion Ratio Lower Upper
138 100
92 52.9 34.3 74.3
108 84.6 68.3 108.3



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

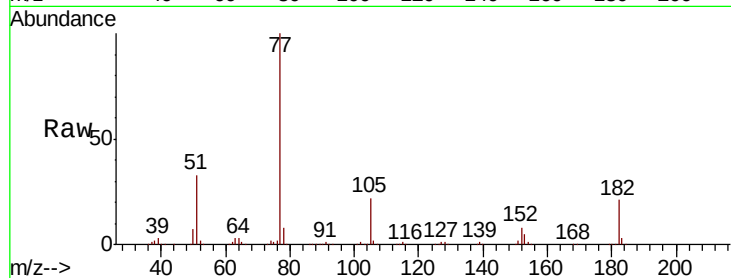




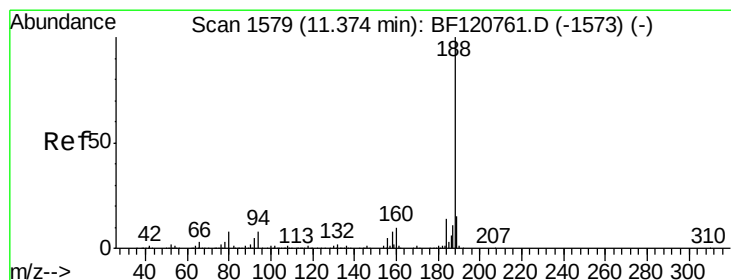
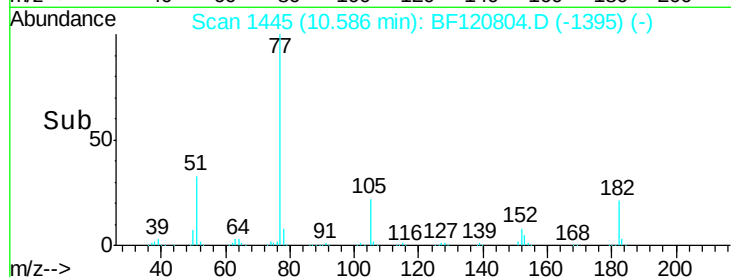
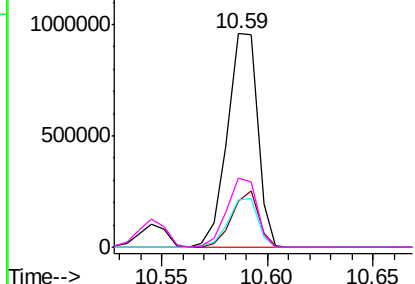
#63
Azobenzene
Concen: 40.753 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Instrument :
BNA_F
ClientSampleId :
PB130002BS

Tot Ion:	77	Resp:	950554
Ion	Ratio	Lower	Upper
77	100		
182	21.3	4.0	44.0
105	21.9	2.6	42.6
51	32.6	11.5	51.5

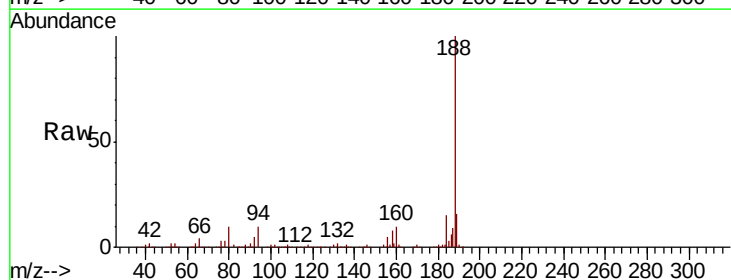


Abundance Ion 77.00 (76.70 to 77.70): BF1
1500000
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

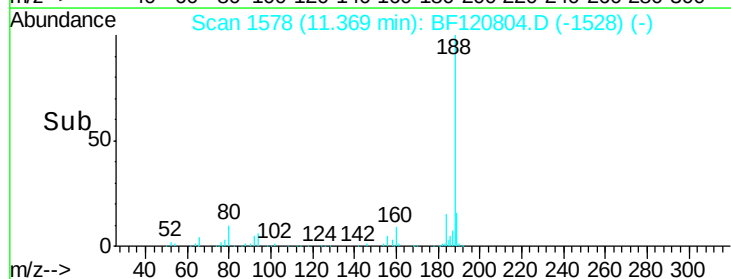
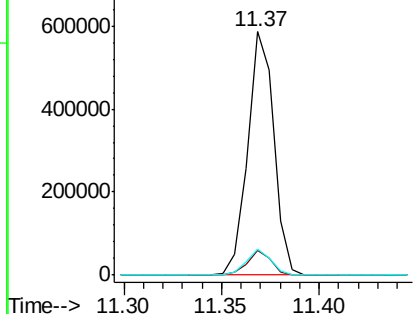


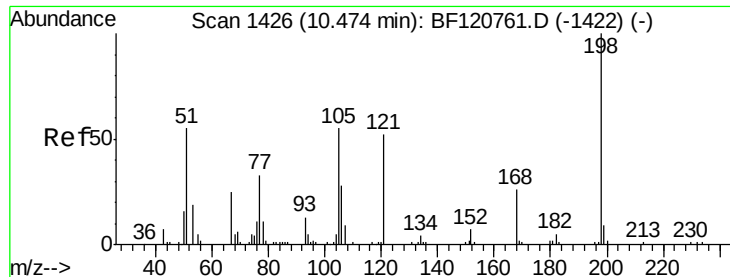
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion:	188	Resp:	542378
Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.6	9.8#
80	10.4	6.6	10.0#



Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

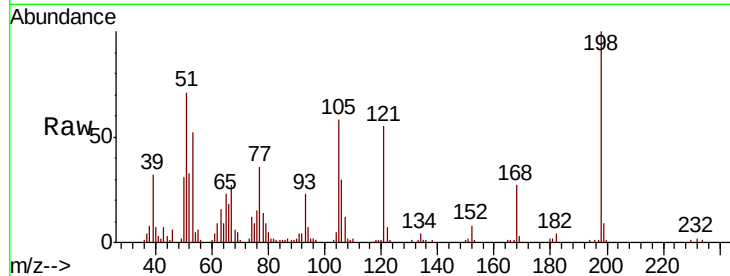




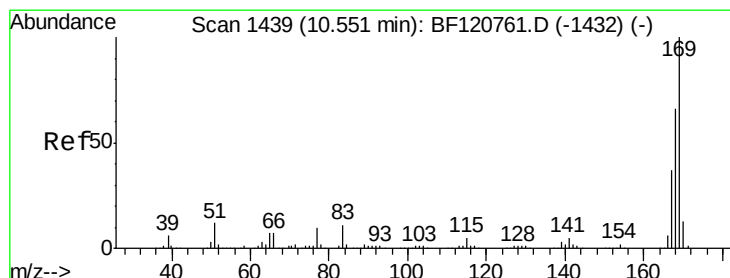
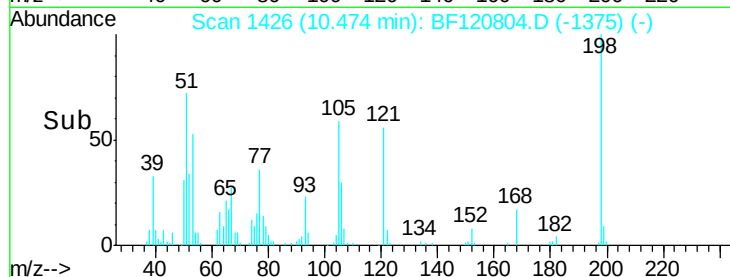
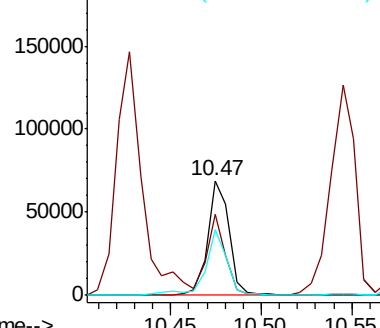
#65
4,6-Dinitro-2-methylphenol
Concen: 28.163 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Instrument :
BNA_F
ClientSampleId :
PB130002BS

Tot Ion:198 Resp: 56500
Ion Ratio Lower Upper
198 100
51 70.7 50.0 90.0
105 57.7 38.3 78.3

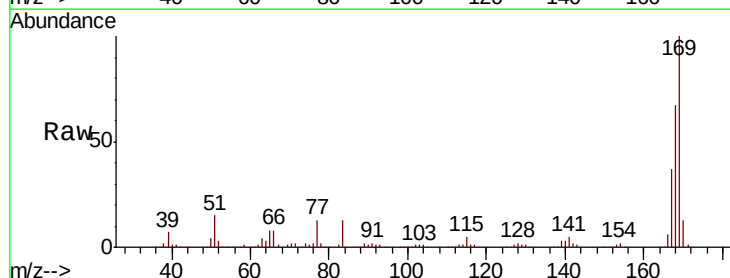


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

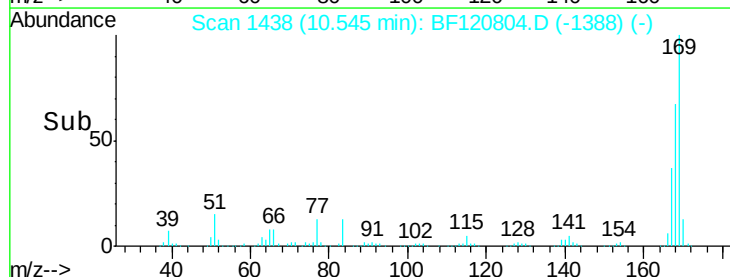
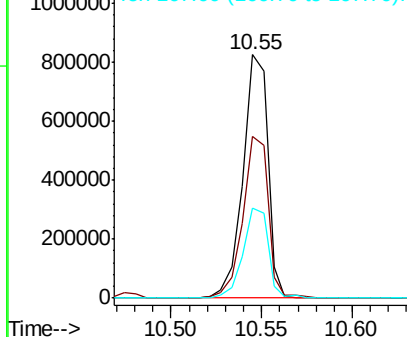


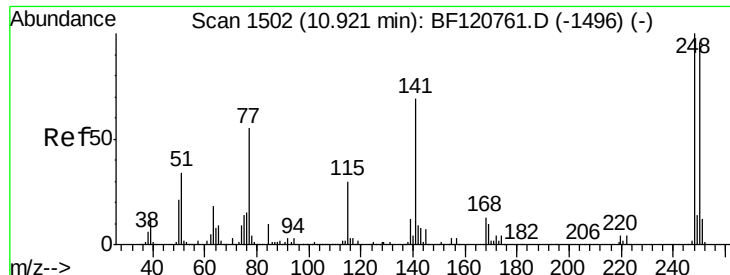
#66
n-Nitrosodiphenylamine
Concen: 43.103 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion:169 Resp: 783572
Ion Ratio Lower Upper
169 100
168 66.6 53.1 79.7
167 36.8 29.6 44.4



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

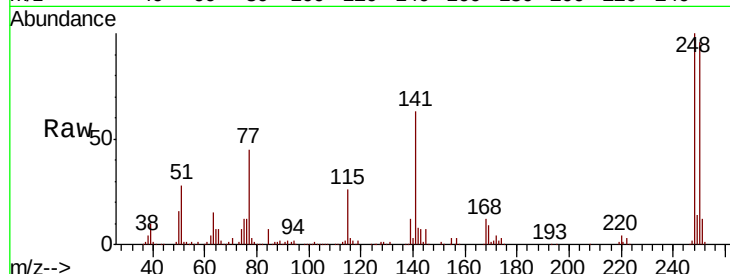




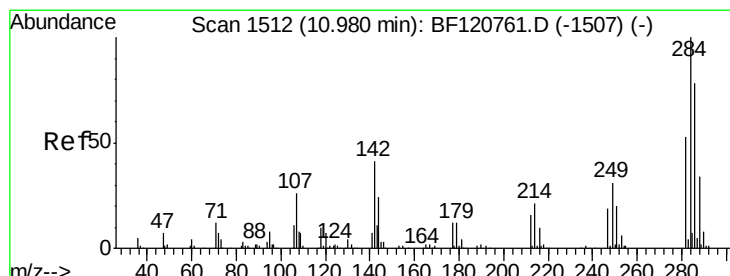
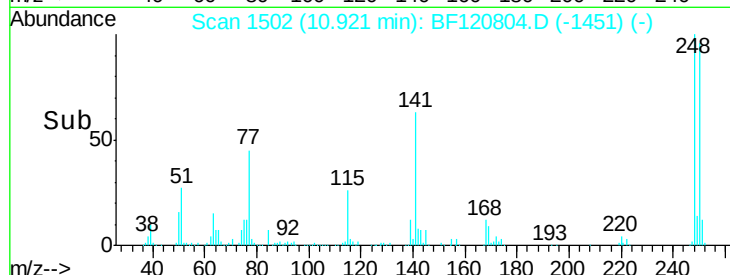
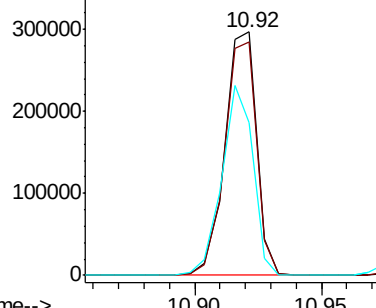
#67
 4-Bromophenyl-phenylether
 Concen: 41.353 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

Tot Ion:248 Resp: 260178
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.5 114.7
 141 62.6 54.9 82.3

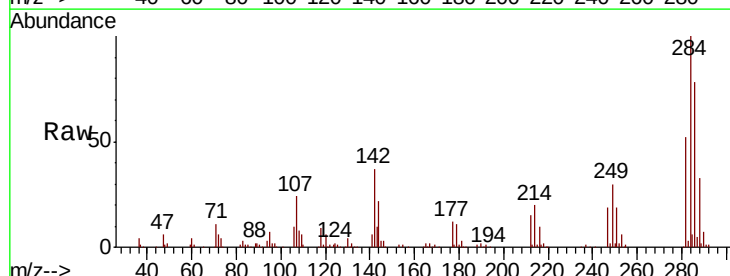


Abundance Ion 248.00 (247.70 to 248.70): E
 400000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

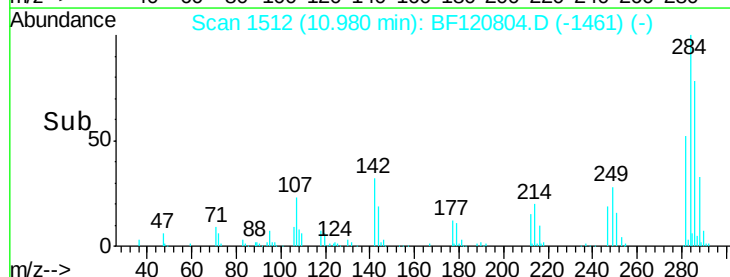
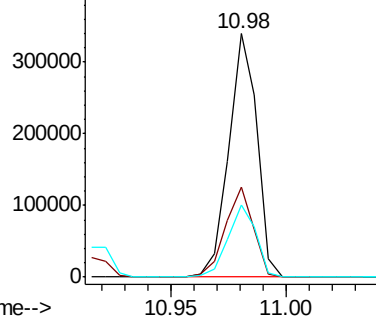


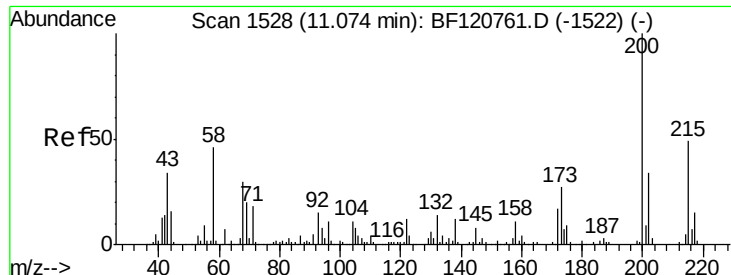
#68
 Hexachlorobenzene
 Concen: 43.813 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion:284 Resp: 289261
 Ion Ratio Lower Upper
 284 100
 142 37.0 32.5 48.7
 249 29.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
 400000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

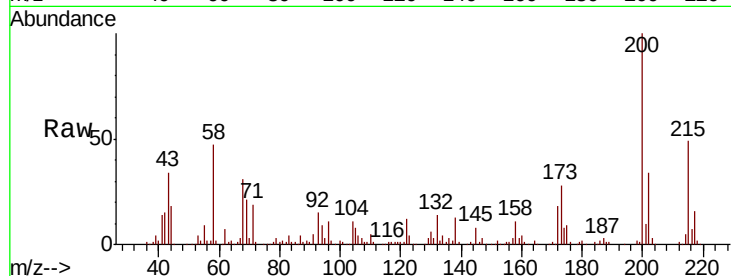




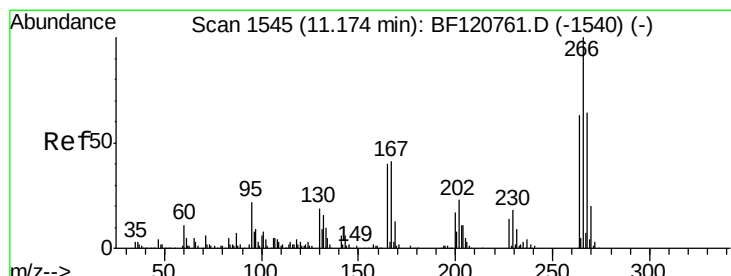
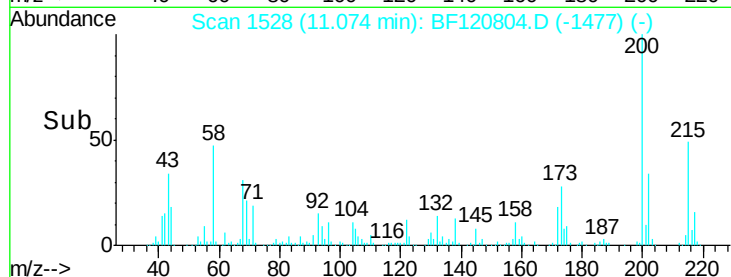
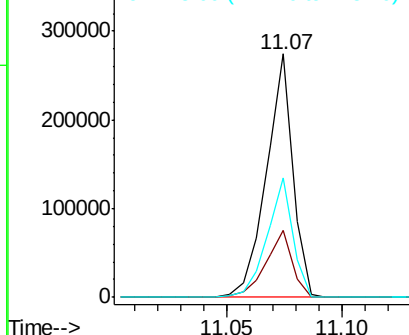
#69
 Atrazine
 Concen: 46.759 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.4	47.4
215	49.2	28.8	68.8

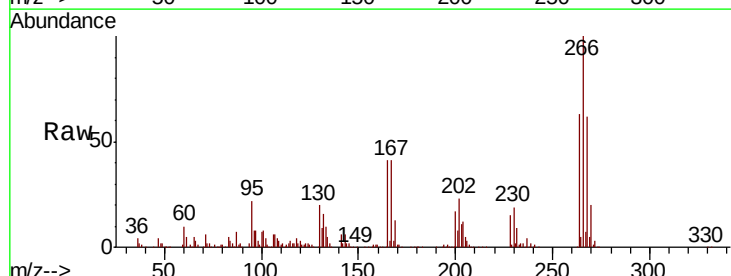


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

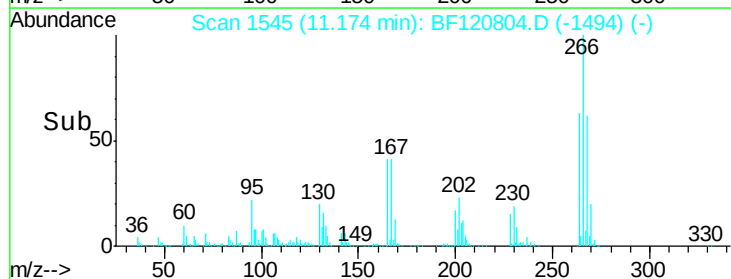
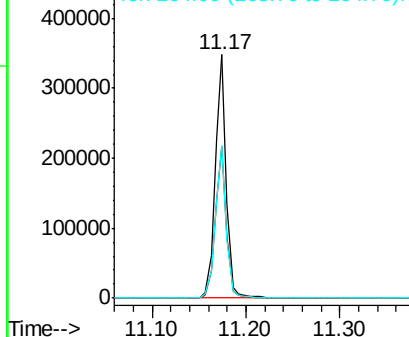


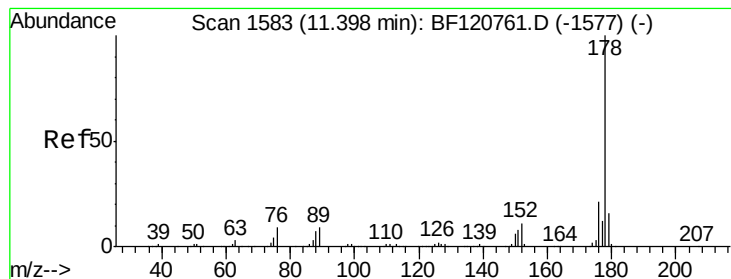
#70
 Pentachlorophenol
 Concen: 77.638 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.4	77.2
264	63.0	50.6	75.8



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





#71

Phenanthrene

Concen: 42.165 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

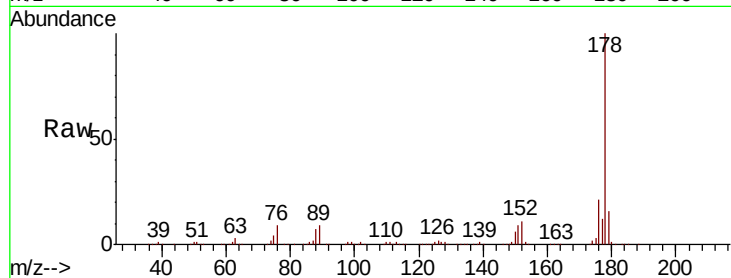
BNA_F

ClientSampleId :

PB130002BS

Tot Ion:178 Resp: 1240868

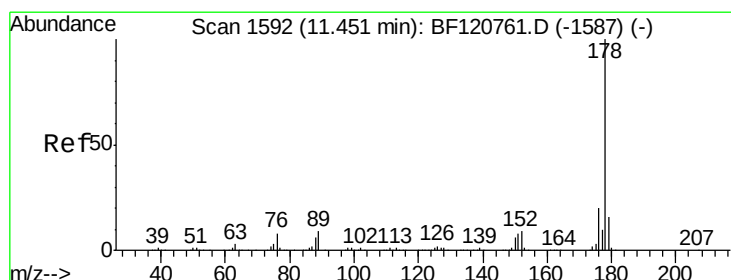
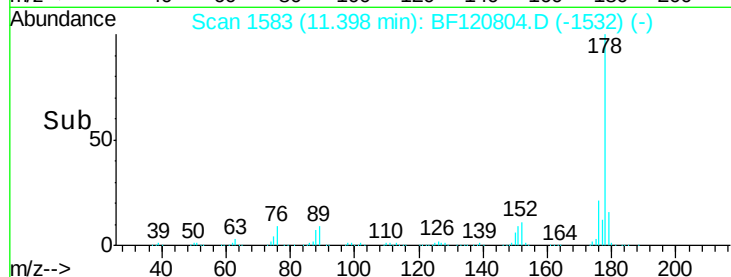
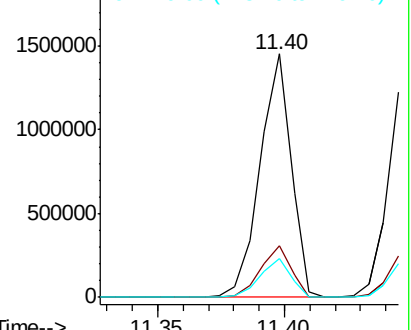
Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.4	24.6
179	16.1	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.284 ng

RT: 11.45 min Scan# 1592

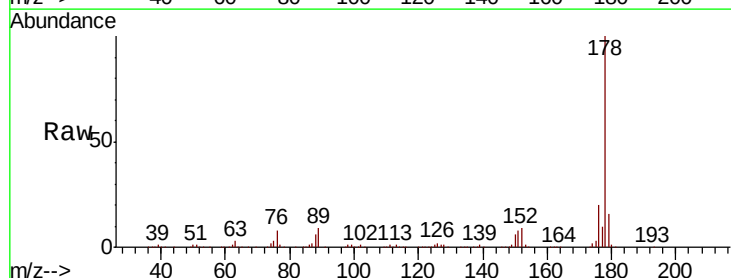
Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Tgt Ion:178 Resp: 1287171

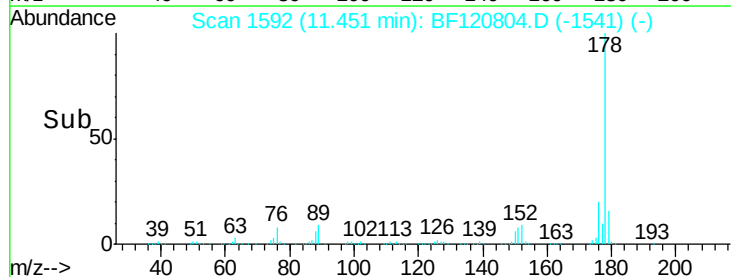
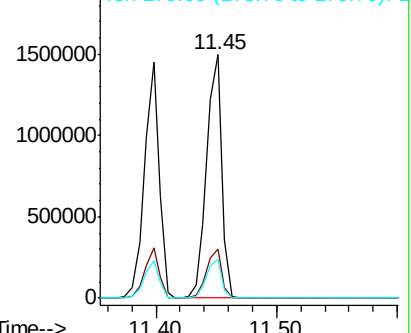
Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.2
179	16.0	12.7	19.1

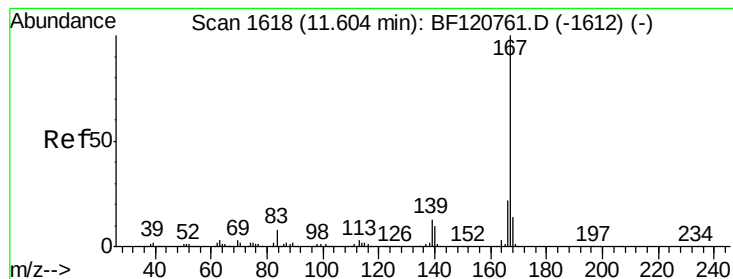


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.700 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

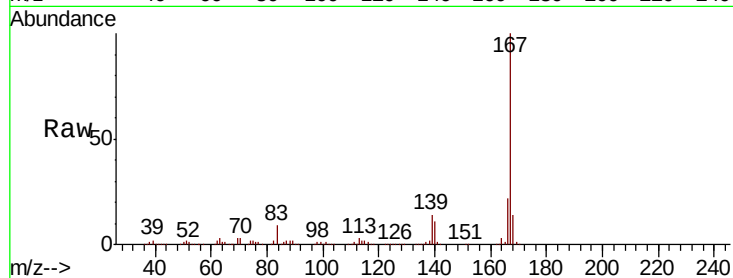
BNA_F

ClientSampleId :

PB130002BS

Tot Ion:167 Resp: 1191675

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	13.6	10.7	16.1

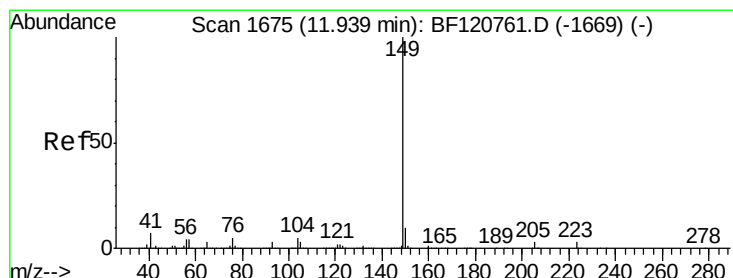
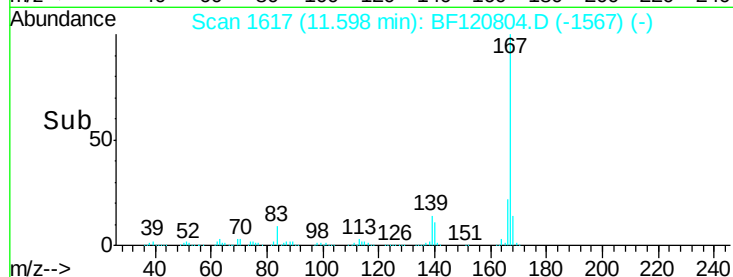
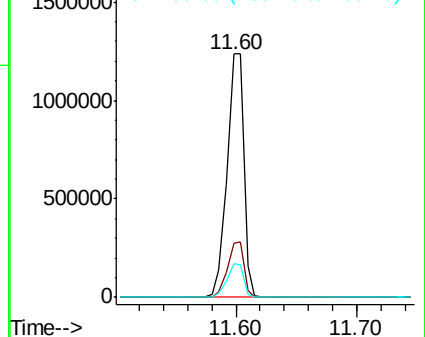


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.619 ng

RT: 11.94 min Scan# 1675

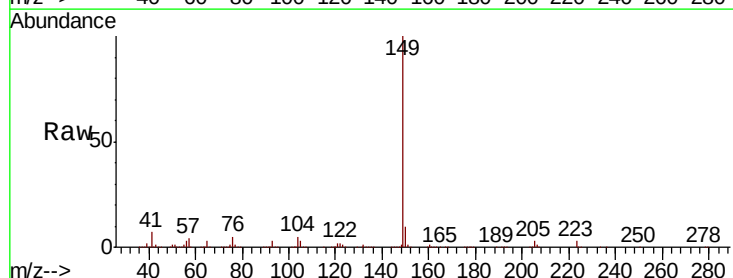
Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Tgt Ion:149 Resp: 1472490

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.0	4.0	6.0

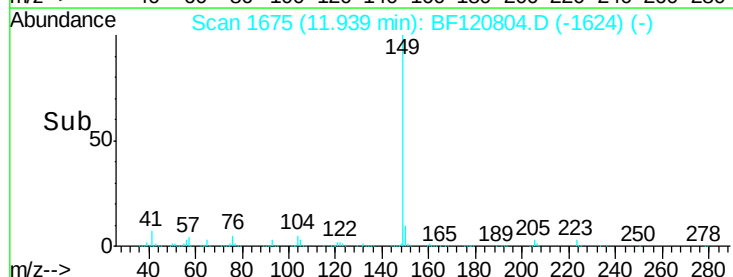
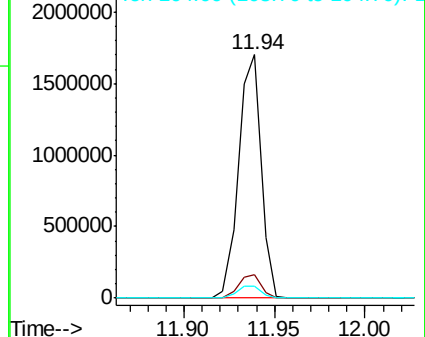


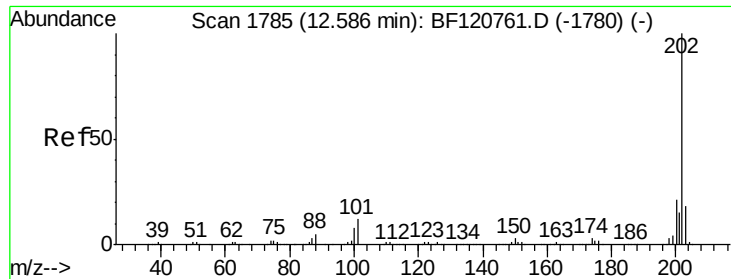
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.302 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

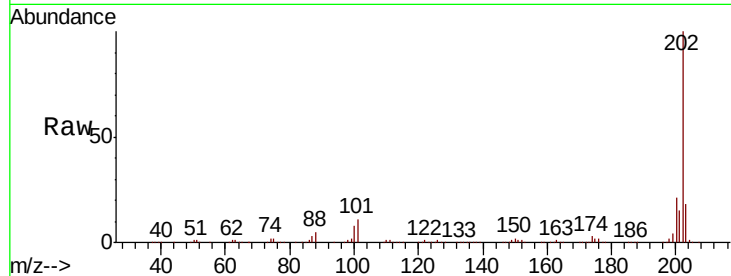
Tot Ion:202 Resp: 1357517

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.6
203	17.9	0.0	38.2

202 100

101 11.1 0.0 31.6

203 17.9 0.0 38.2



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

12.59

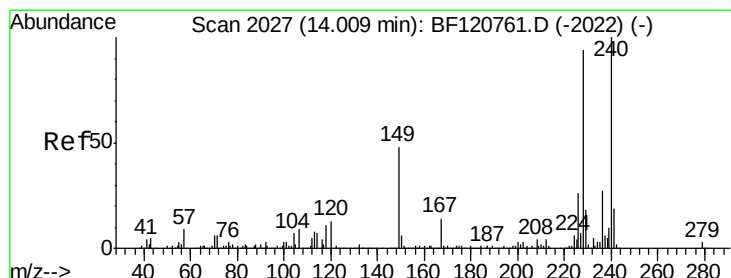
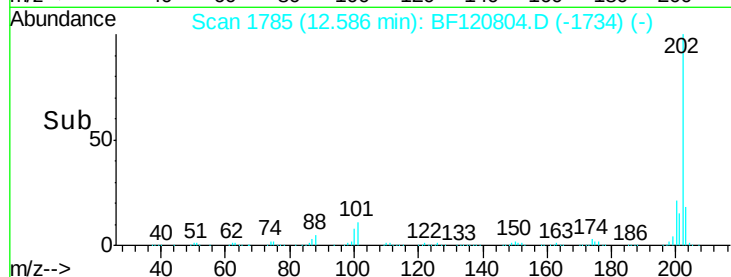
1500000

1000000

500000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

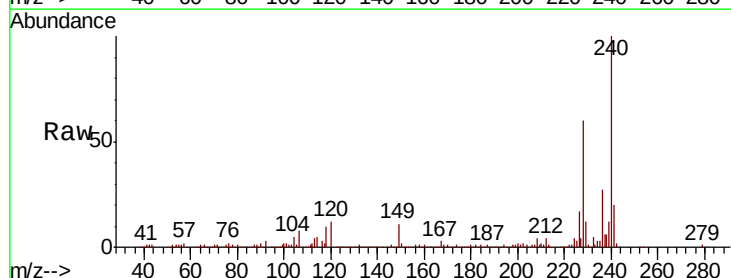
Tgt Ion:240 Resp: 410260

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.3	15.5
236	27.3	21.4	32.2

240 100

120 12.3 10.3 15.5

236 27.3 21.4 32.2



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

14.01

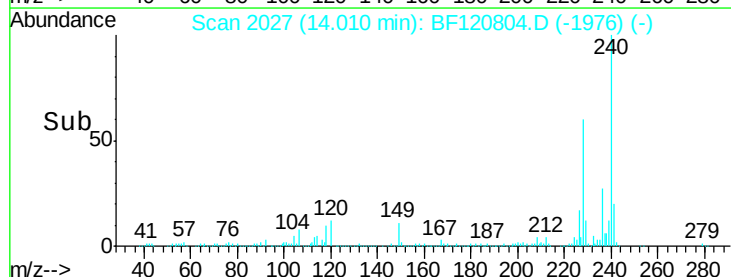
600000

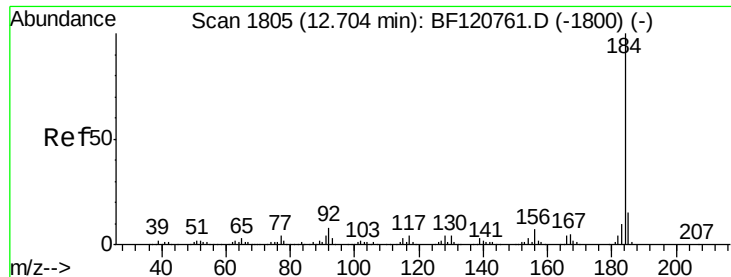
400000

200000

0

Time-->





#77

Benzidine

Concen: 50.212 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

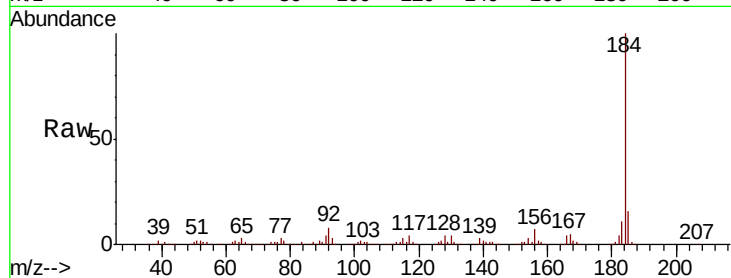
BNA_F

ClientSampleId :

PB130002BS

Tot Ion:184 Resp: 581457

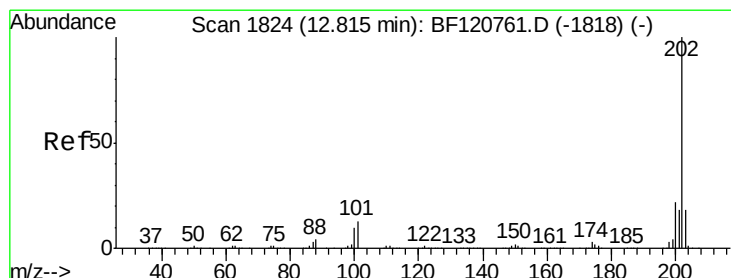
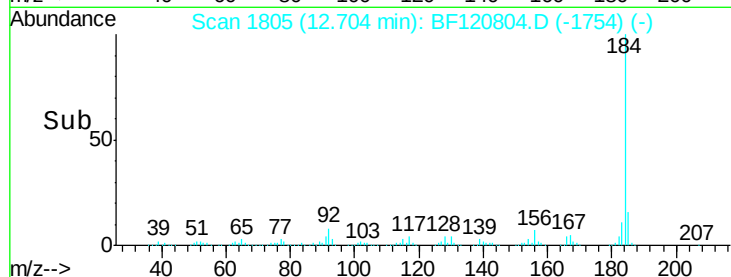
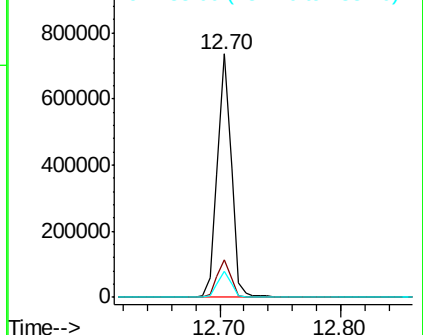
Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.8	17.8
183	10.8	8.3	12.5



Abundance Ion 184.00 (183.70 to 184.70): E

1000000 Ion 185.00 (184.70 to 185.70): E

800000 Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.598 ng

RT: 12.82 min Scan# 1824

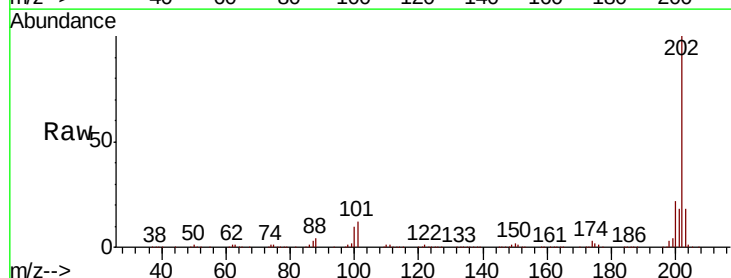
Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Tgt Ion:202 Resp: 1363002

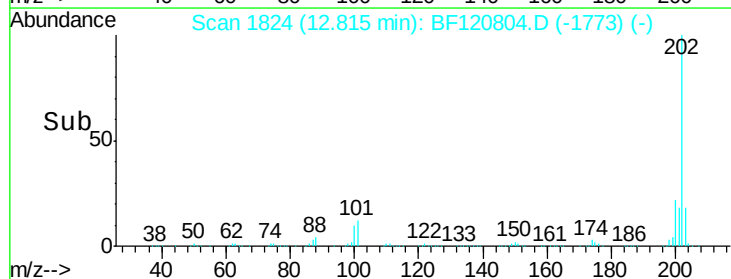
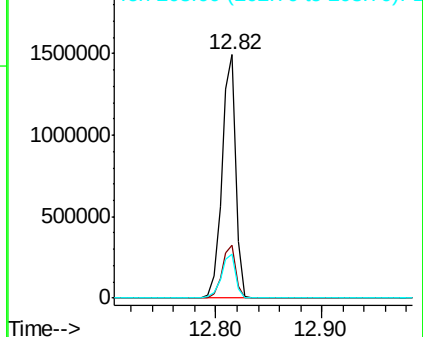
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.3	25.9
203	18.2	14.6	22.0

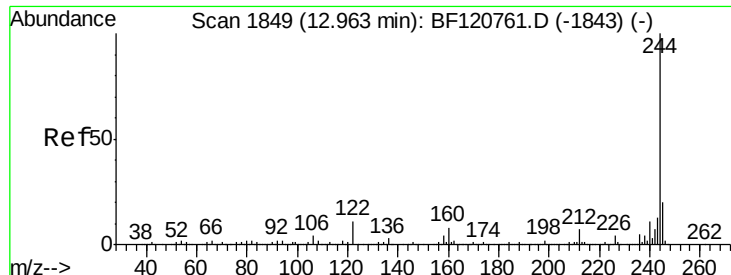


Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 200.00 (199.70 to 200.70): E

1500000 Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.421 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

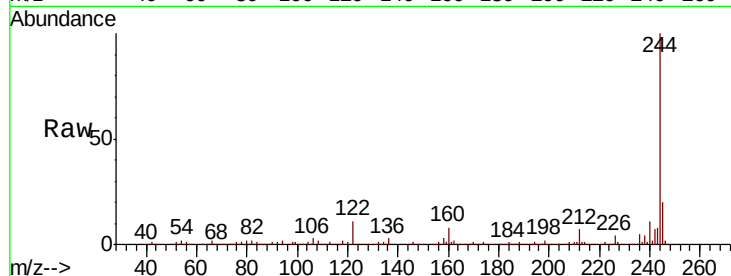
Tot Ion:244 Resp: 1706111

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

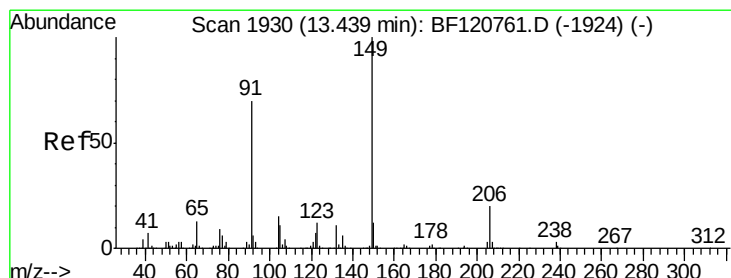
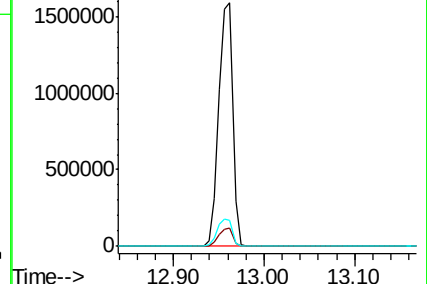
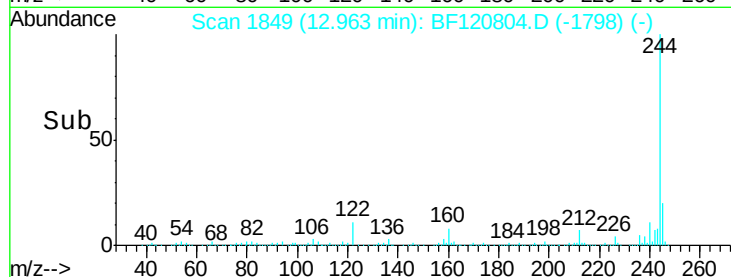
122 10.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.460 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

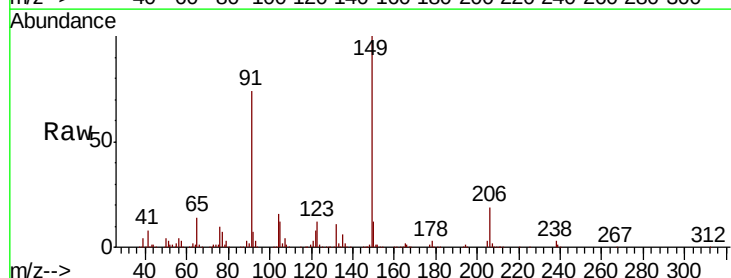
Tgt Ion:149 Resp: 614786

Ion Ratio Lower Upper

149 100

91 74.0 55.8 83.8

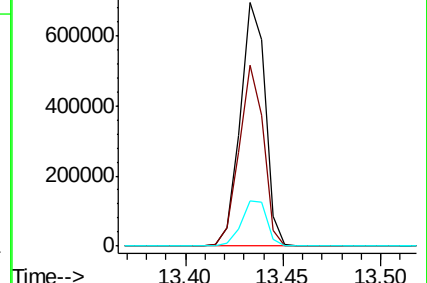
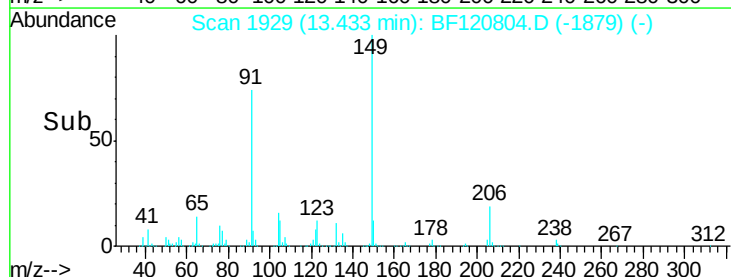
206 18.7 15.7 23.5

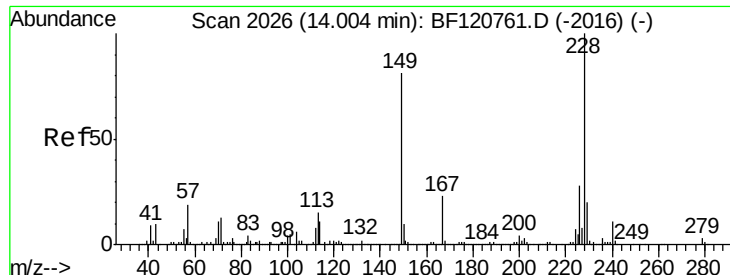


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

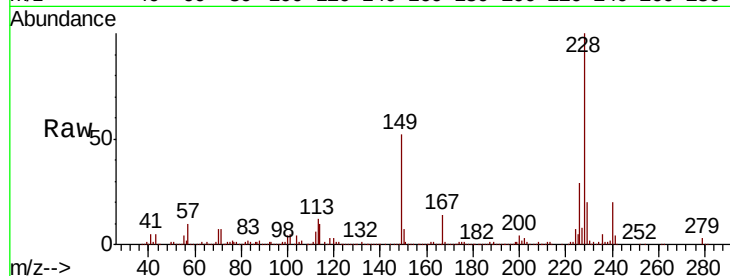




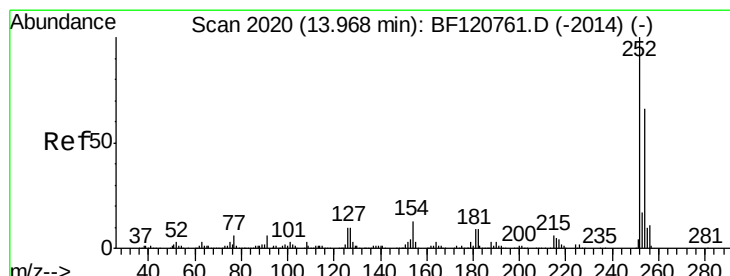
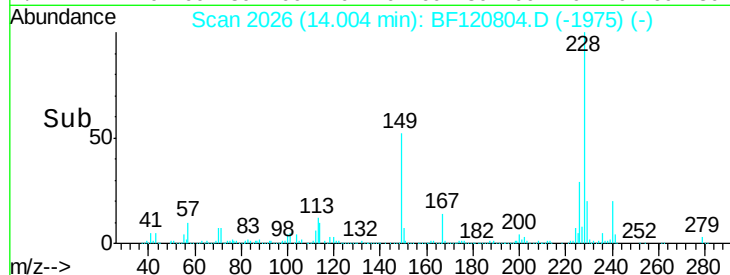
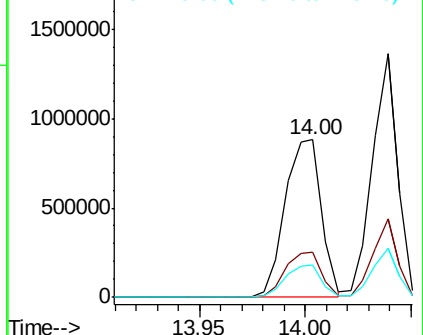
#81
Benzo(a)anthracene
Concen: 40.104 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Instrument :
BNA_F
ClientSampleId :
PB130002BS

Tot Ion:228 Resp: 1054680
Ion Ratio Lower Upper
228 100
226 28.9 22.6 33.8
229 20.2 15.8 23.6

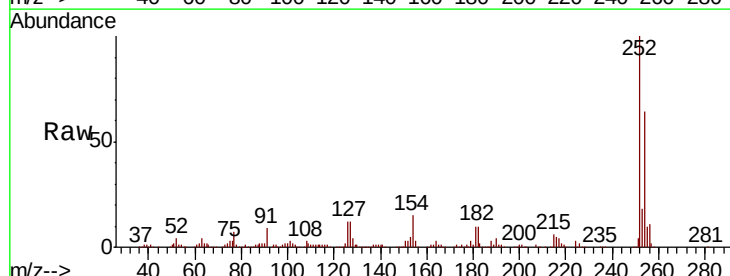


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

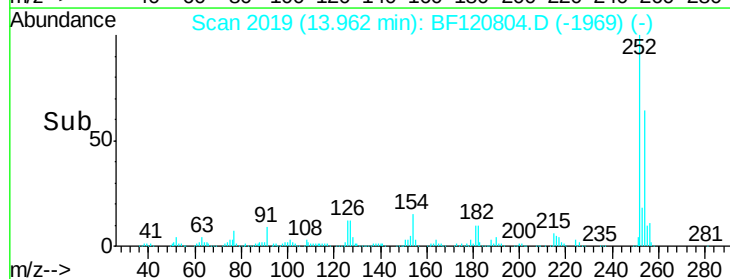
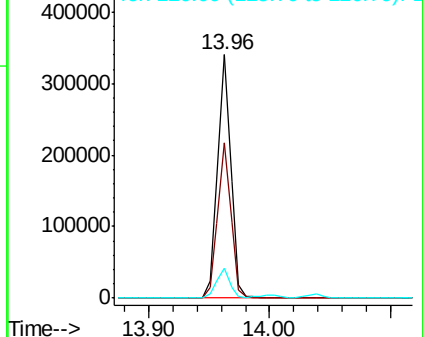


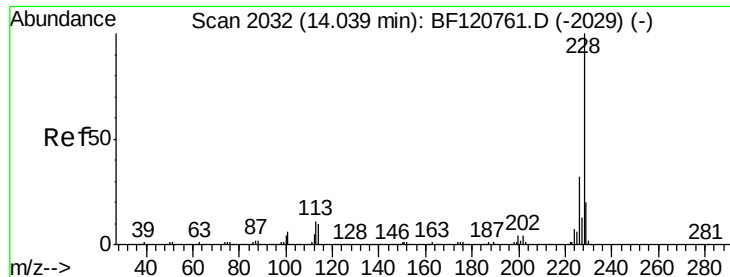
#82
3,3'-Dichlorobenzidine
Concen: 28.810 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion:252 Resp: 255680
Ion Ratio Lower Upper
252 100
254 64.0 52.6 78.8
126 12.3 7.8 11.8#



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





#83

Chrysene

Concen: 42.410 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

Instrument :

BNA_F

ClientSampleId :

PB130002BS

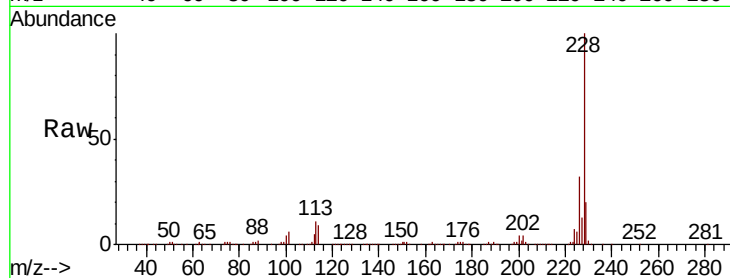
Tot Ion:228 Resp: 1137649

Ion Ratio Lower Upper

228 100

226 32.0 25.7 38.5

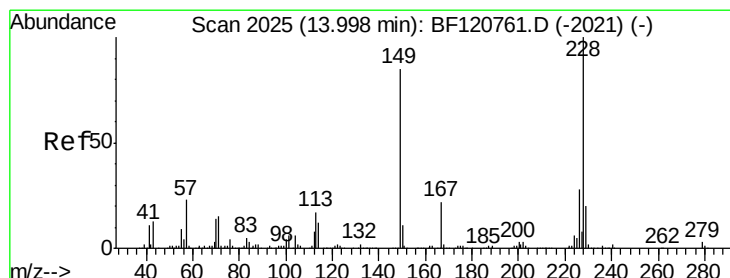
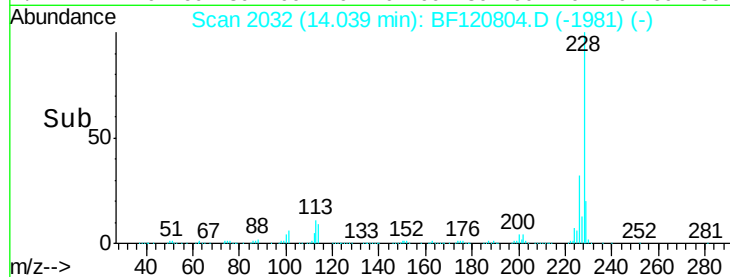
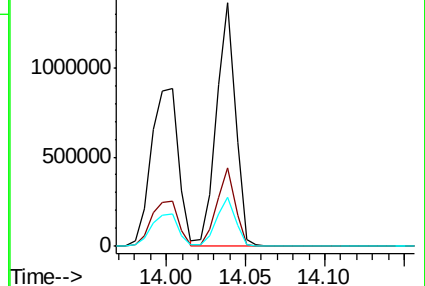
229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.731 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120804.D

Acq: 8 Jul 2020 1:01

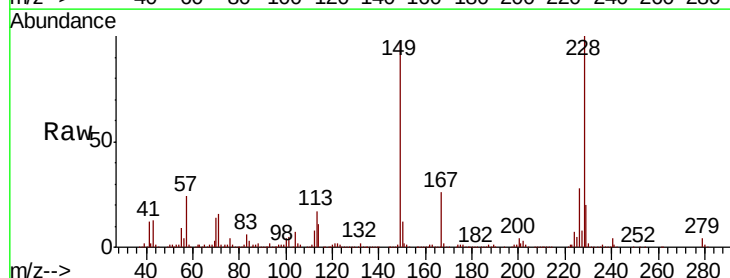
Tgt Ion:149 Resp: 774124

Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

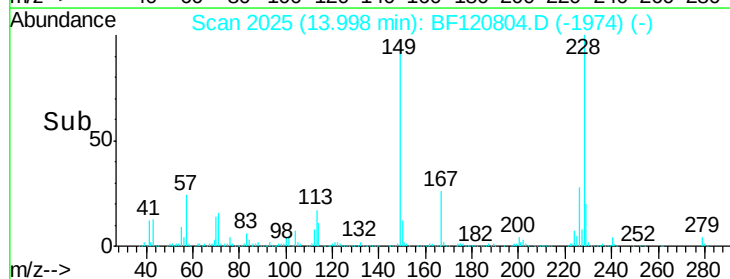
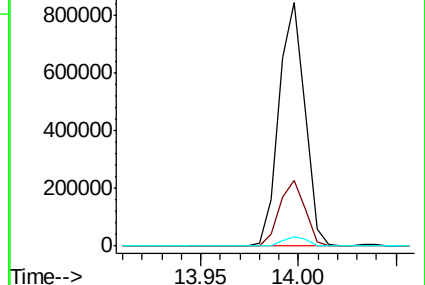
279 4.1 2.6 4.0#

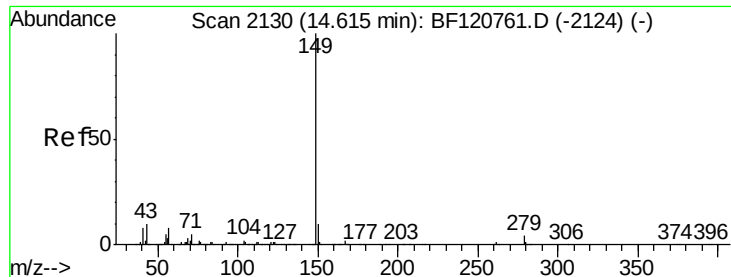


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

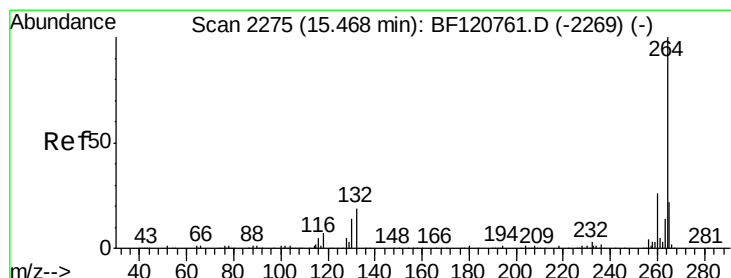
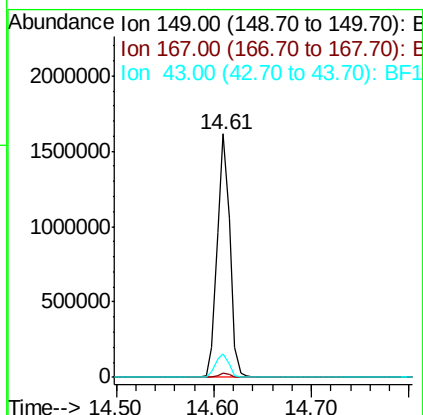
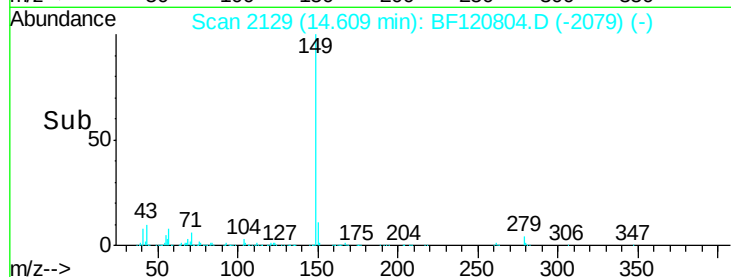
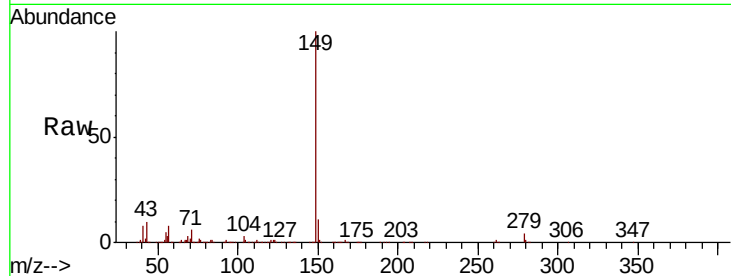




#85
Di-n-octyl phthalate
Concen: 44.129 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

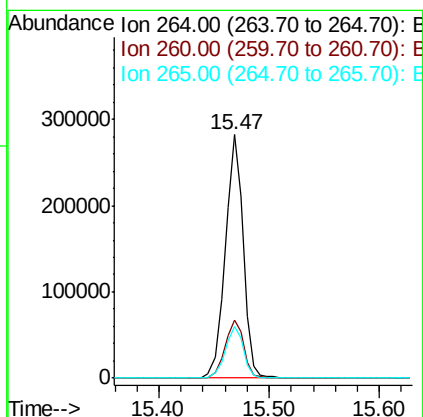
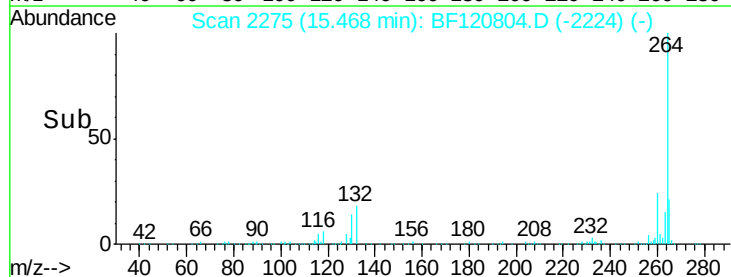
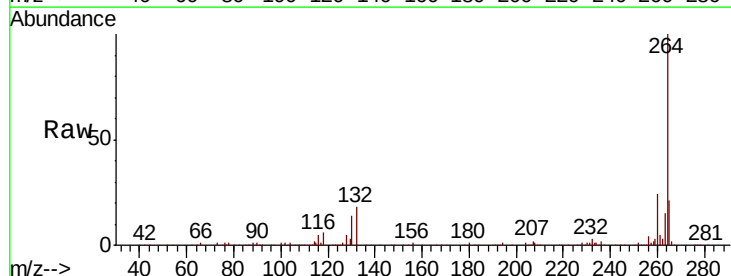
Instrument :
BNA_F
ClientSampleId :
PB130002BS

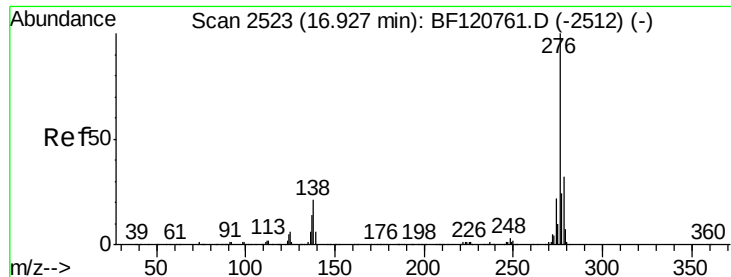
Tot Ion:149 Resp: 1448220
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.5 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion:264 Resp: 320595
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 21.3 17.6 26.4

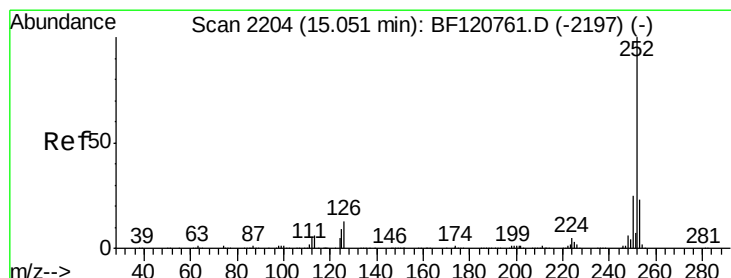
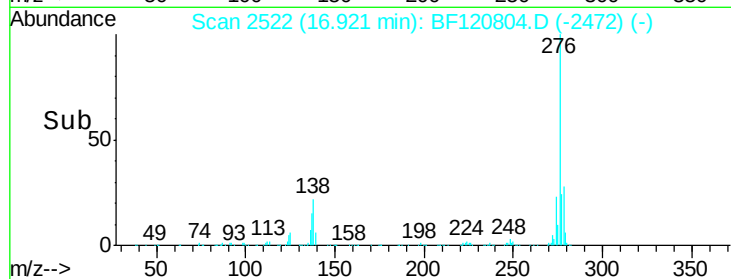
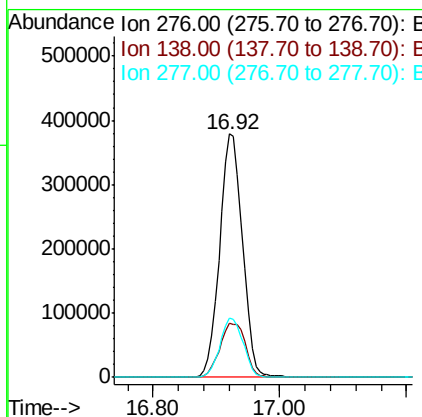
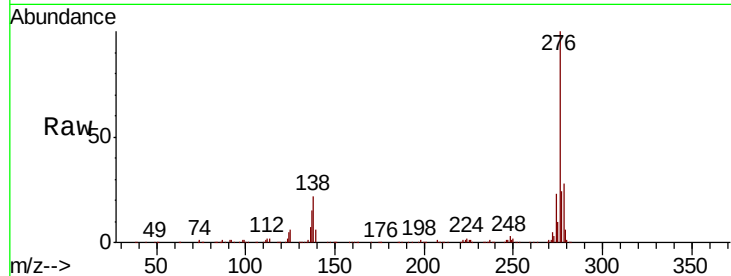




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.040 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

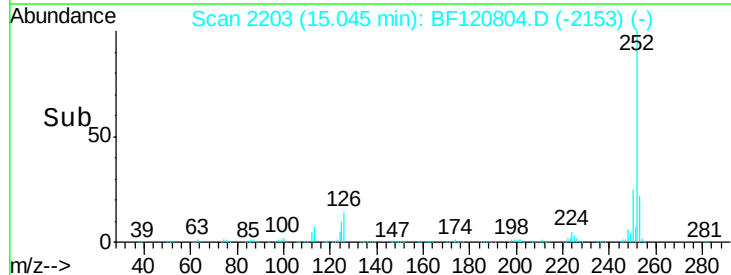
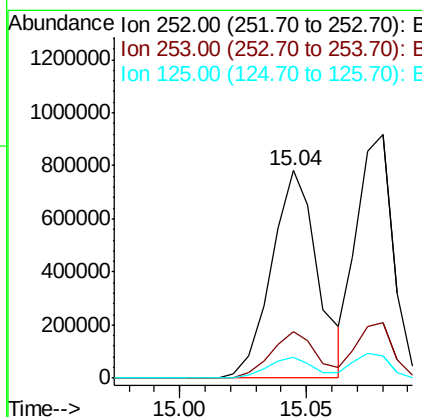
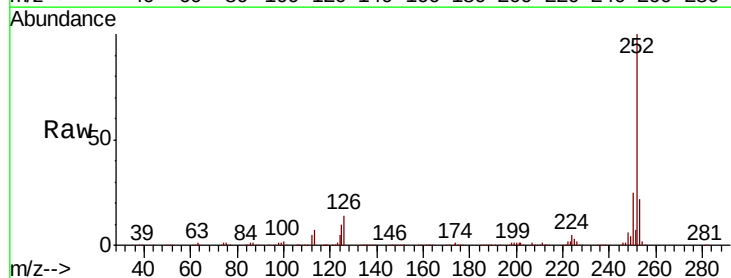
Instrument :
 BNA_F
 ClientSampleId :
 PB130002BS

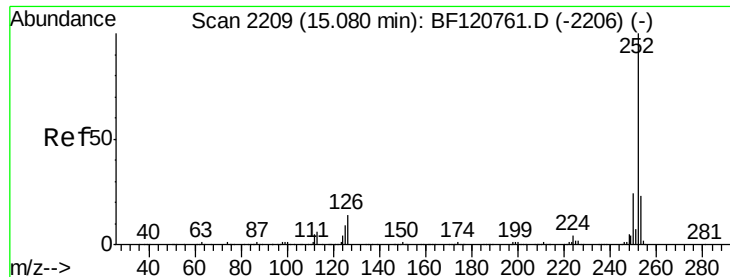
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	24.7	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 47.229 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF120804.D
 Acq: 8 Jul 2020 1:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.3	7.5	11.3

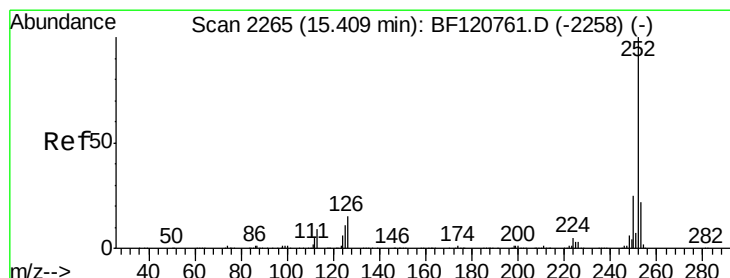
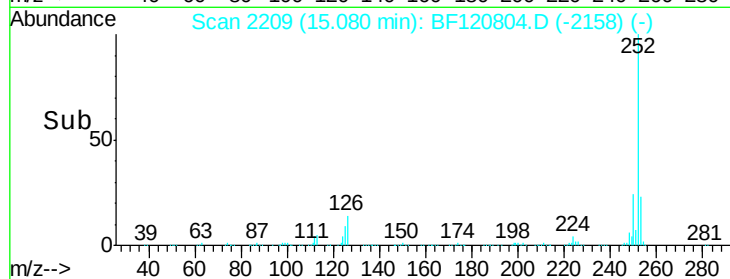
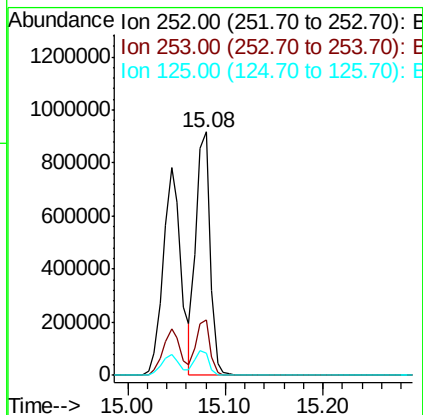
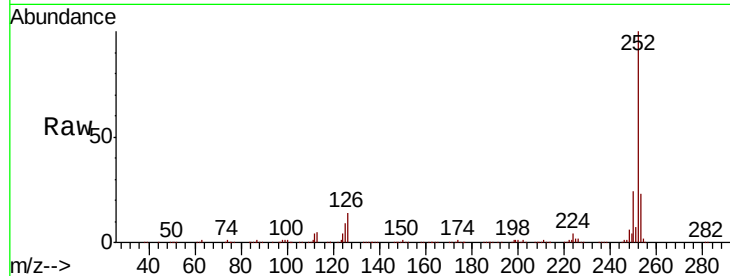




#89
Benzo(k)fluoranthene
Concen: 45.246 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

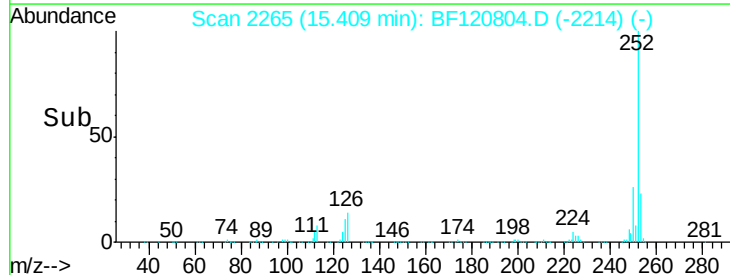
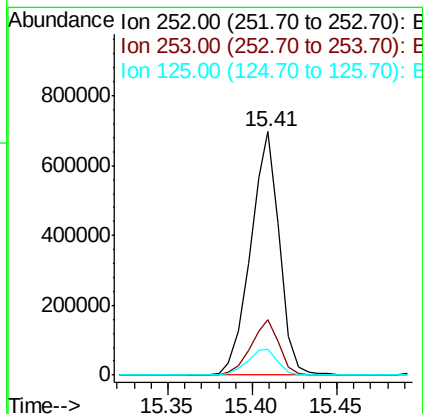
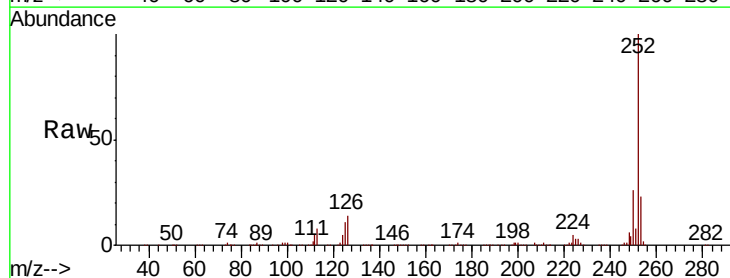
Instrument :
BNA_F
ClientSampleId :
PB130002BS

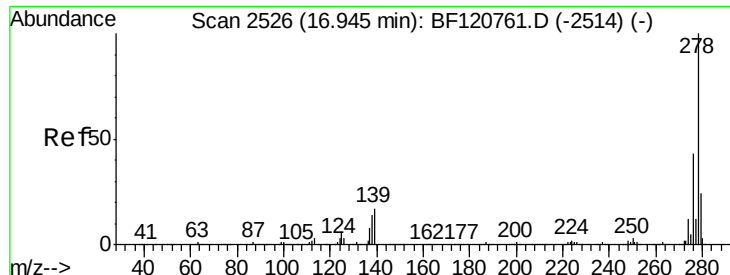
Tot Ion:252 Resp: 927945
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.1 7.6 11.4



#90
Benzo(a)pyrene
Concen: 43.643 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion:252 Resp: 820557
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 10.7 9.2 13.8

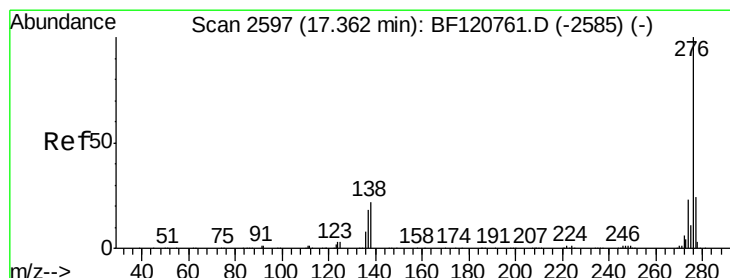
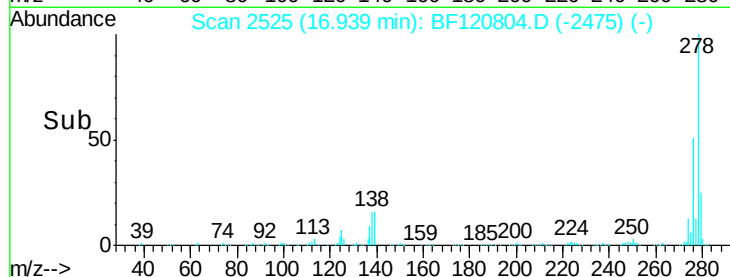
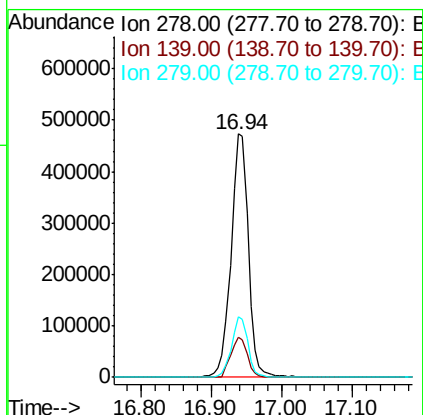
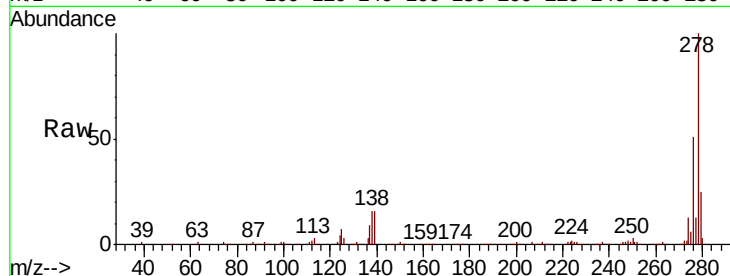




#91
Dibenzo(a,h)anthracene
Concen: 47.031 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Instrument :
BNA_F
ClientSampleId :
PB130002BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.3	19.9
279	24.7	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 47.202 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.00 min
Lab File: BF120804.D
Acq: 8 Jul 2020 1:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	21.4	17.4	26.2

