

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120787.D
 Acq On : 7 Jul 2020 15:08
 Operator : JU/CG
 Sample : L3215-12MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14MS

Quant Time: Jul 07 15:48:50 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	158970	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	317077	20.00	ng	0.01
39) Acenaphthene-d10	9.89	164	318548	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	574147	20.00	ng	0.00
76) Chrysene-d12	14.02	240	426186	20.00	ng	0.00
86) Perylene-d12	15.47	264	360178	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	561038	54.48	ng	0.00
7) Phenol-d6	6.47	99	407008	30.95	ng	0.00
23) Nitrobenzene-d5	7.43	82	799180	146.03	ng	0.01
42) 2,4,6-Tribromophenol	10.68	330	460381	143.86	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1733599	82.34	ng	0.00
79) Terphenyl-d14	12.96	244	2086568	95.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	86845	18.461	ng	99
3) Pyridine	3.35	79	251838	19.544	ng	99
4) n-Nitrosodimethylamine	3.29	42	128476	19.931	ng	# 95
6) Aniline	6.52	93	530073	31.384	ng	100
8) 2-Chlorophenol	6.63	128	393352	35.876	ng	98
9) Benzaldehyde	6.40	77	314708	40.235	ng	# 1
10) Phenol	6.49	94	159744	11.808	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	511429	46.456	ng	99
12) 1,3-Dichlorobenzene	6.79	146	480615	39.824	ng	98
13) 1,4-Dichlorobenzene	6.87	146	493821	40.854	ng	98
14) 1,2-Dichlorobenzene	7.03	146	378586	32.920	ng	99
15) Benzyl Alcohol	6.99	79	305247	30.892	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	733791	42.733	ng	84
17) 2-Methylphenol	7.10	107	248668	25.352	ng	# 80
18) Hexachloroethane	7.37	117	241674	53.195	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	381099	48.127	ng	98
20) 3+4-Methylphenols	7.26	107	275177	22.778	ng	# 71
22) Acetophenone	7.26	105	1019695	129.381	ng	# 94
24) Nitrobenzene	7.44	77	579813	94.359	ng	# 98
25) Isophorone	7.70	82	853436	72.311	ng	98
26) 2-Nitrophenol	7.76	139	238082	88.512	ng	99
27) 2,4-Dimethylphenol	7.80	122	369068	78.335	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	445285	63.747	ng	99
29) 2,4-Dichlorophenol	8.01	162	364881	77.578	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	441885	83.646	ng	99
31) Naphthalene	8.21	128	11430264	674.535	ng	# 91
32) Benzoic acid	7.87	122	64688	21.933	ng	# 1
33) 4-Chloroaniline	8.21	127	1820561	253.185	ng	# 49
34) Hexachlorobutadiene	8.28	225	243251	76.561	ng	98
35) Caprolactam	8.60	113	27361	19.964	ng	# 68
36) 4-Chloro-3-methylphenol	8.68	107	366113	74.830	ng	# 88
37) 2-Methylnaphthalene	8.86	142	3047832	276.683	ng	96
38) 1-Methylnaphthalene	8.86	142	3047832	295.381	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	412014	42.796	ng	99

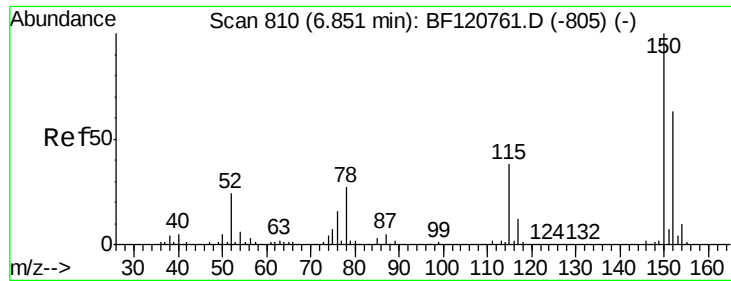
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	449280	78.985	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	304076	46.352	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	311145	42.738	ng	97
46) 1,1'-Biphenyl	9.32	154	1697224	66.053	ng	98
47) 2-Chloronaphthalene	9.34	162	915773	44.487	ng	99
48) 2-Nitroaniline	9.43	65	303561	49.181	ng	99
49) Acenaphthylene	9.76	152	1434548	44.450	ng	97
50) Dimethylphthalate	9.62	163	1222667	52.616	ng	99
51) 2,6-Dinitrotoluene	9.68	165	227767	49.257	ng	84
52) Acenaphthene	9.93	154	1994042	99.595	ng	98
53) 3-Nitroaniline	9.85	138	168316	30.540	ng	94
54) 2,4-Dinitrophenol	9.95	184	167980	90.971	ng	# 83
55) Dibenzofuran	10.10	168	1311902	45.457	ng	98
56) 4-Nitrophenol	9.99	139	111386	27.545	ng	88
57) 2,4-Dinitrotoluene	10.07	165	322651	55.570	ng	# 95
58) Fluorene	10.45	166	1362312	63.418	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	263030	48.550	ng	99
60) Diethylphthalate	10.32	149	1088154	44.953	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	431131	39.924	ng	99
62) 4-Nitroaniline	10.46	138	234571	47.511	ng	92
63) Azobenzene	10.59	77	1089780	44.010	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	132509	53.878	ng	94
66) n-Nitrosodiphenylamine	10.55	169	905046	47.030	ng	91
67) 4-Bromophenyl-phenylether	10.92	248	299249	44.931	ng	98
68) Hexachlorobenzene	10.99	284	328792	47.046	ng	92
69) Atrazine	11.08	200	216506	43.671	ng	97
70) Pentachlorophenol	11.18	266	390214	98.686	ng	99
71) Phenanthrene	11.40	178	2442404	78.402	ng	98
72) Anthracene	11.46	178	1727300	54.870	ng	100
73) Carbazole	11.60	167	1435028	47.437	ng	100
74) Di-n-butylphthalate	11.94	149	1700470	45.403	ng	99
75) Fluoranthene	12.59	202	1664598	50.160	ng	99
77) Benzidine	12.70	184	494344	41.094	ng	99
78) Pyrene	12.82	202	1757720	51.640	ng	99
80) Butylbenzylphthalate	13.44	149	718410	48.887	ng	97
81) Benzo(a)anthracene	14.00	228	1250059	45.758	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	390937	42.404	ng	# 97
83) Chrysene	14.04	228	1325098	47.552	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	863948	44.833	ng	98
85) Di-n-octyl phthalate	14.61	149	1673268	49.081	ng	99
87) Indeno(1,2,3-cd)pyrene	16.93	276	1128838	48.863	ng	99
88) Benzo(b)fluoranthene	15.05	252	1225409	51.751	ng	99
89) Benzo(k)fluoranthene	15.08	252	1161616	50.415	ng	99
90) Benzo(a)pyrene	15.42	252	1046453	49.541	ng	98
91) Dibenzo(a,h)anthracene	16.94	278	950414	49.359	ng	99
92) Benzo(g,h,i)perylene	17.37	276	866296	49.227	ng	100

(#) = 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: BF120787.D

Acq: 7 Jul 2020 15:08

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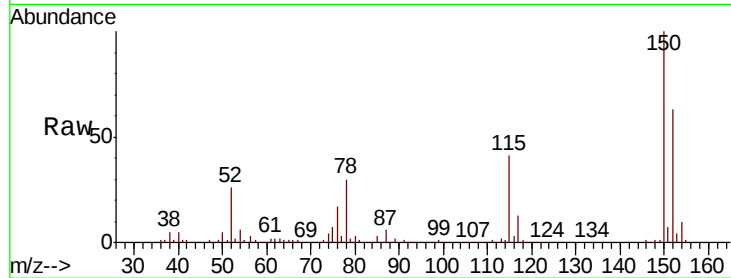
Tot Ion:152 Resp: 158970

Ion Ratio Lower Upper

152 100

150 157.6 126.1 189.1

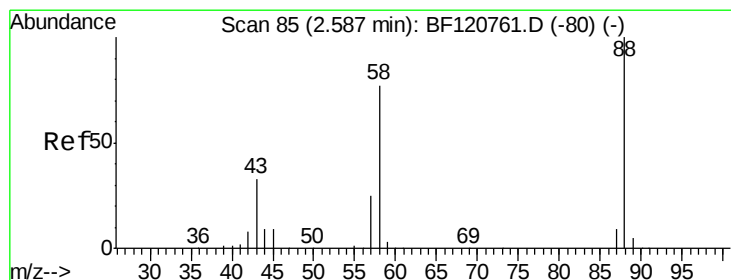
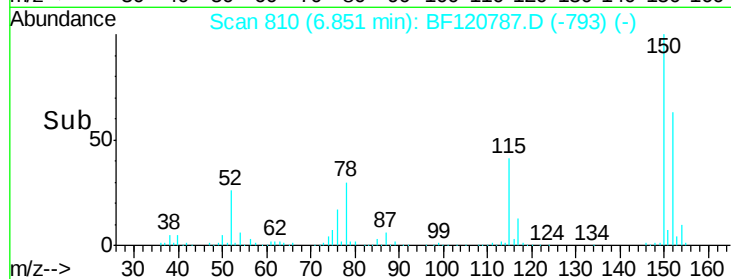
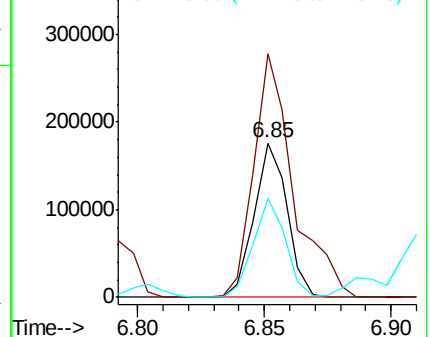
115 63.9 48.5 72.7



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: 18.461 ng

RT: 2.61 min Scan# 89

Delta R.T. 0.02 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

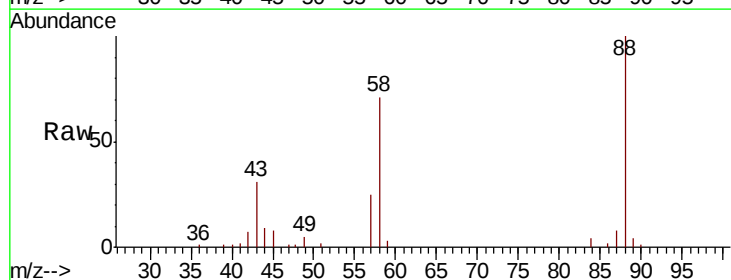
Tgt Ion: 88 Resp: 86845

Ion Ratio Lower Upper

88 100

58 75.3 60.4 90.6

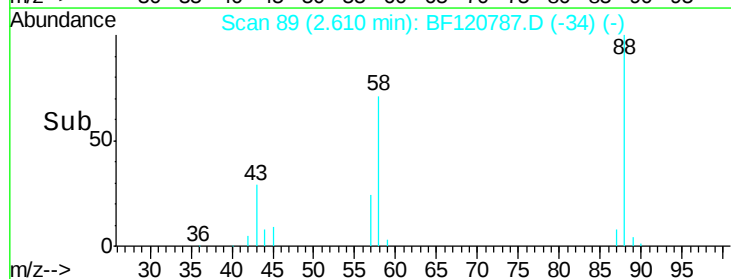
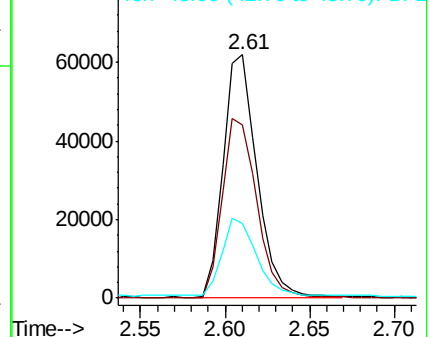
43 33.6 26.3 39.5

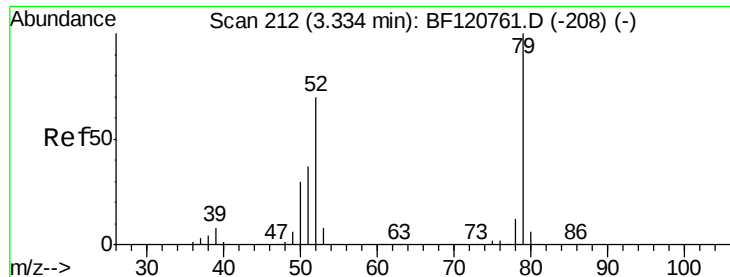


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 19.544 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

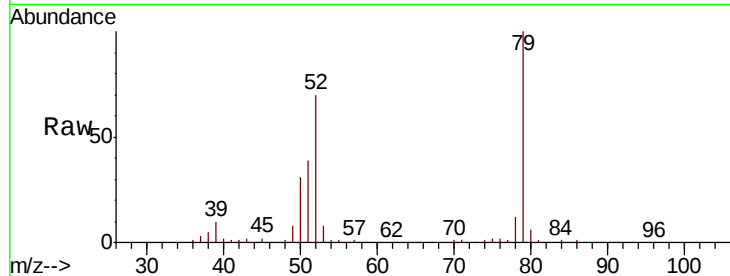
Tot Ion: 79 Resp: 251838

Ion Ratio Lower Upper

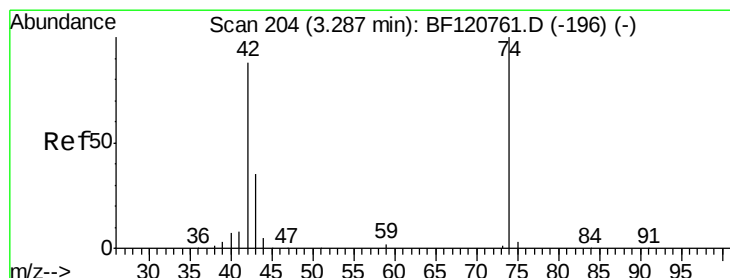
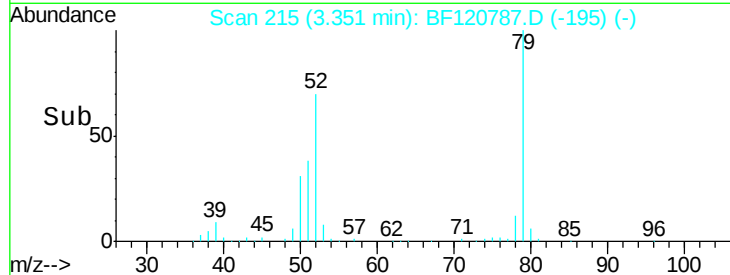
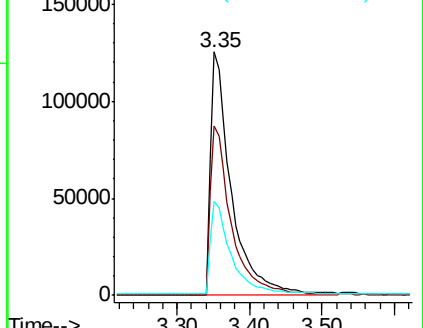
79 100

52 69.5 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: 19.931 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

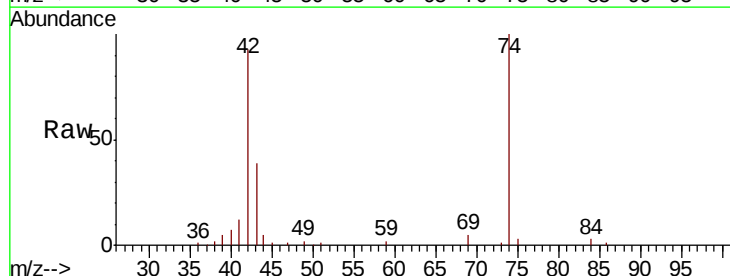
Tgt Ion: 42 Resp: 128476

Ion Ratio Lower Upper

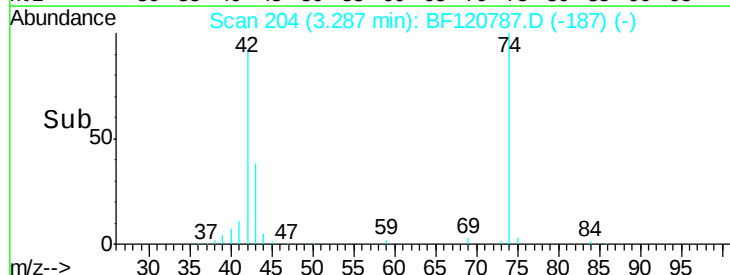
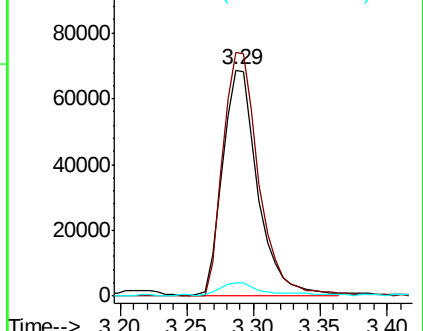
42 100

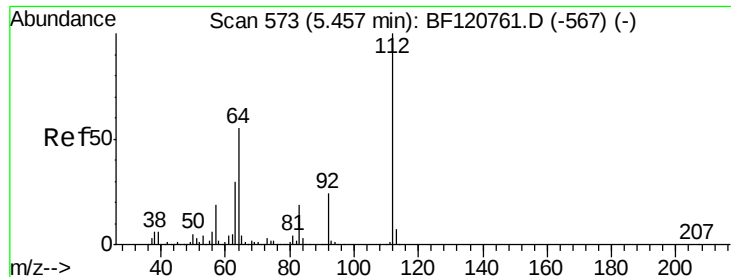
74 107.6 90.8 136.2

44 5.7 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: 54.479 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

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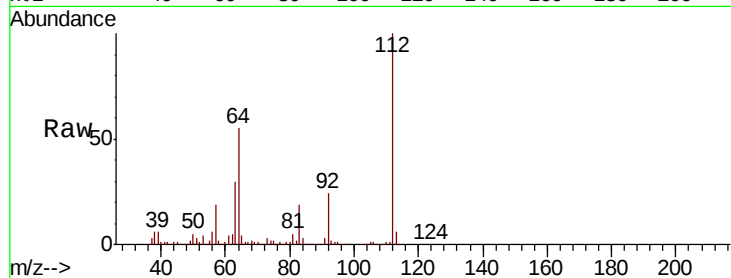
Tot Ion:112 Resp: 561038

Ion Ratio Lower Upper

112 100

64 54.7 43.8 65.6

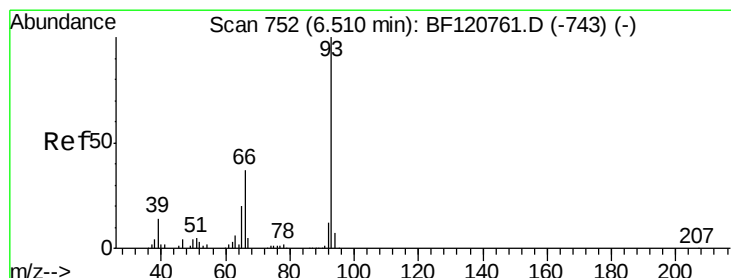
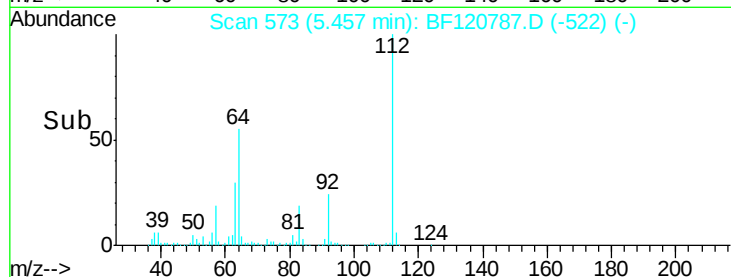
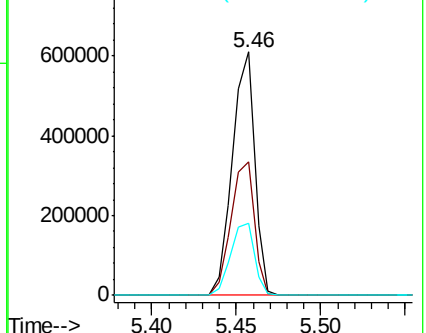
63 29.9 23.6 35.4



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: 31.384 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

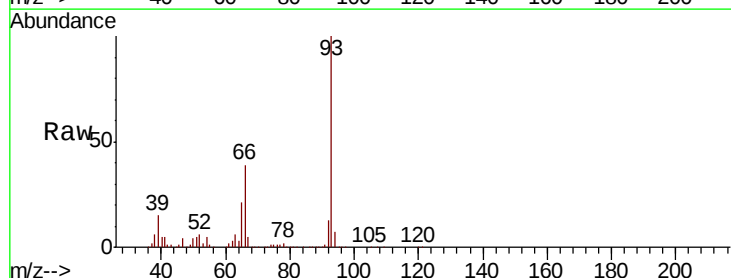
Tgt Ion: 93 Resp: 530073

Ion Ratio Lower Upper

93 100

66 38.9 31.3 46.9

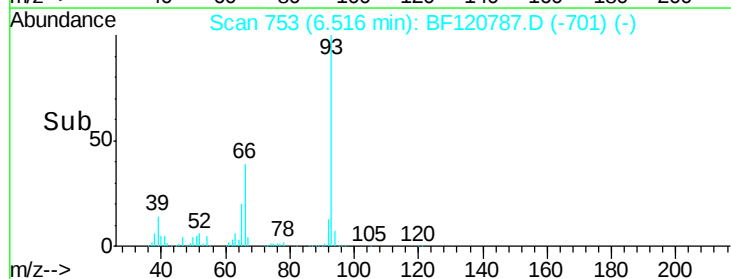
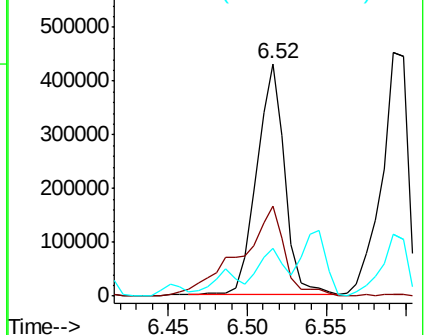
65 20.5 16.5 24.7

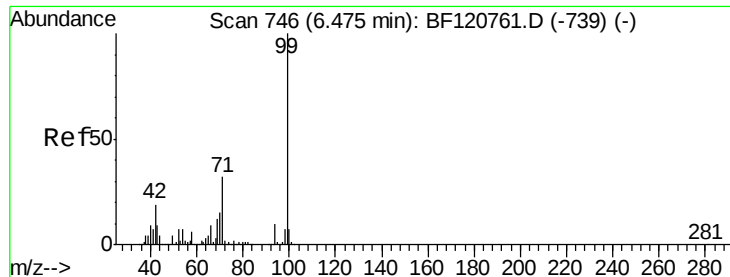


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 30.948 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

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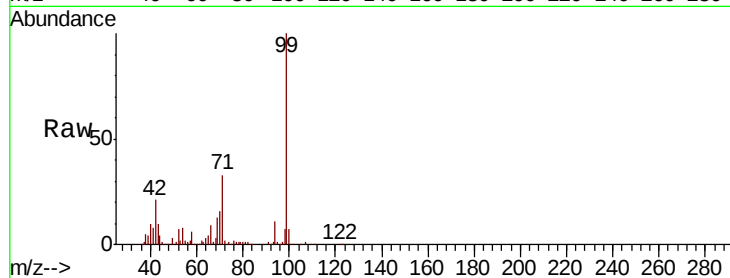
Tot Ion: 99 Resp: 407008

Ion Ratio Lower Upper

99 100

42 20.7 15.4 23.0

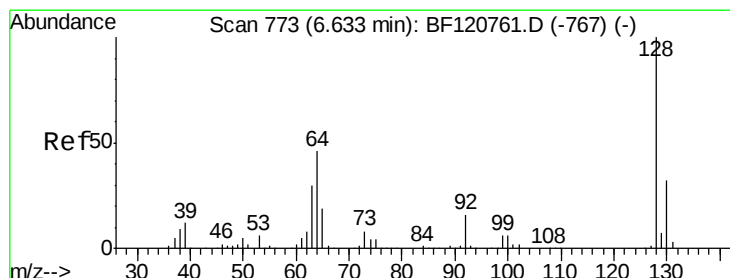
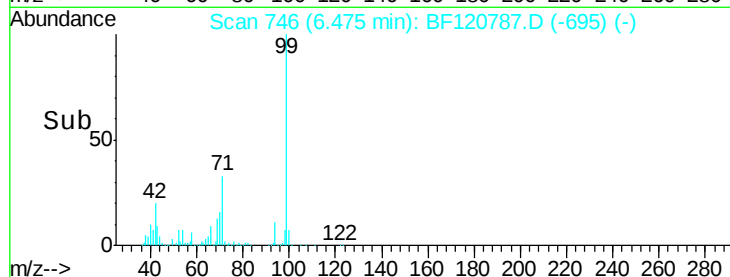
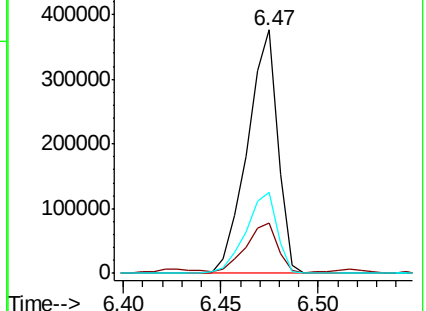
71 33.0 25.9 38.9



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: 35.876 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

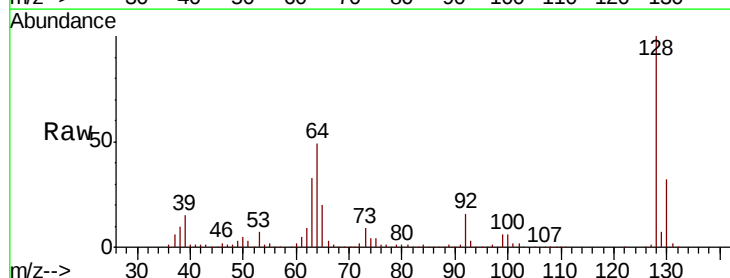
Tgt Ion: 128 Resp: 393352

Ion Ratio Lower Upper

128 100

130 32.2 12.1 52.1

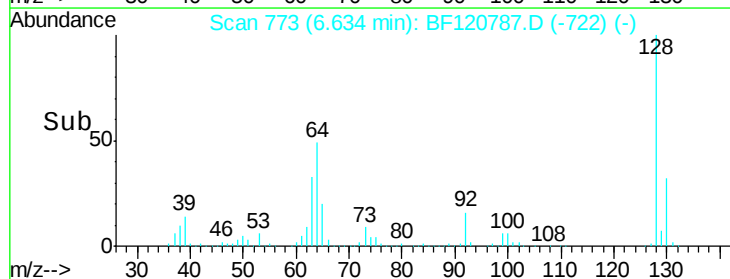
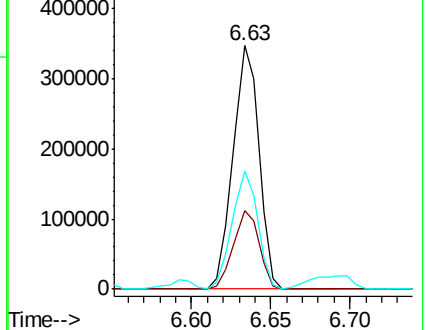
64 48.6 26.3 66.3

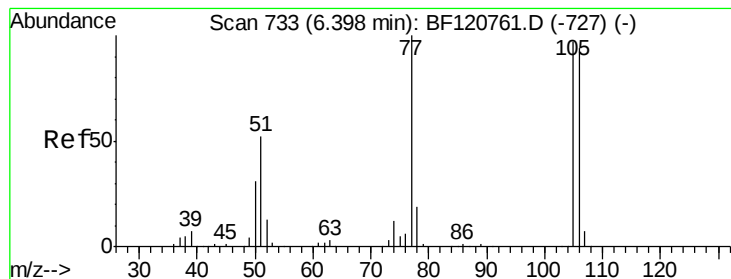


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.235 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

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BNA_F

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MW-14MS

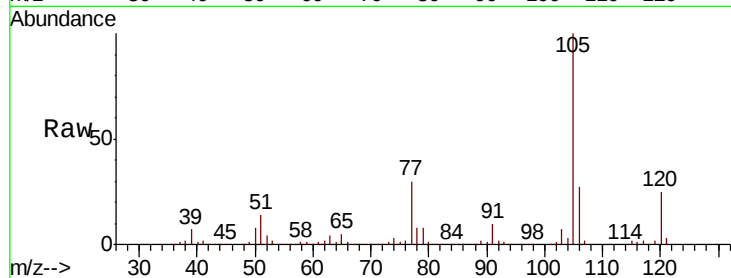
Tot Ion: 77 Resp: 314708

Ion Ratio Lower Upper

77 100

105 335.2 76.8 116.8#

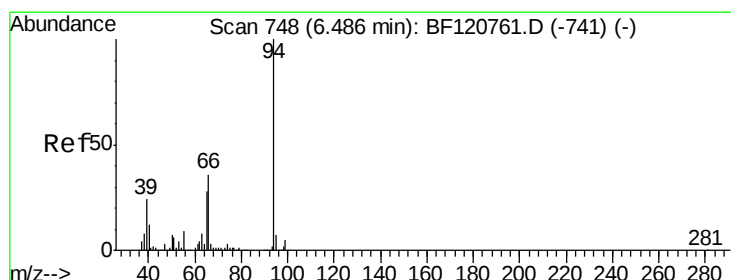
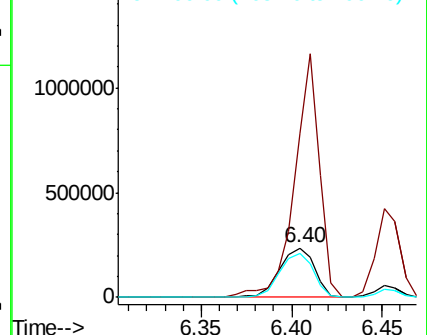
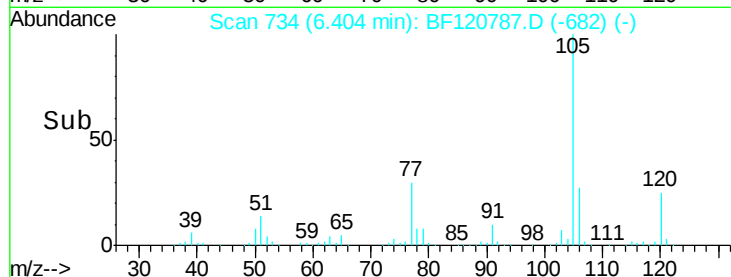
106 89.8 73.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 11.808 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

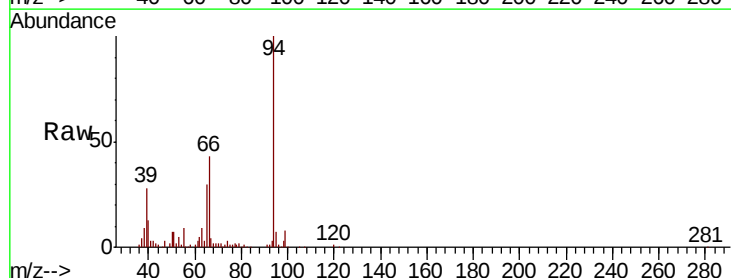
Tgt Ion: 94 Resp: 159744

Ion Ratio Lower Upper

94 100

65 30.2 8.4 48.4

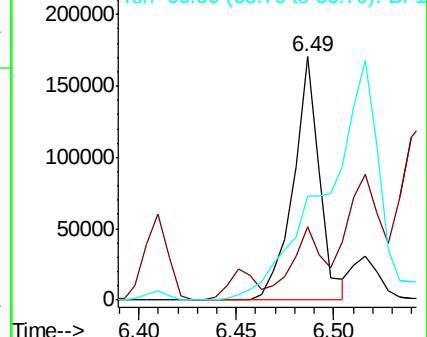
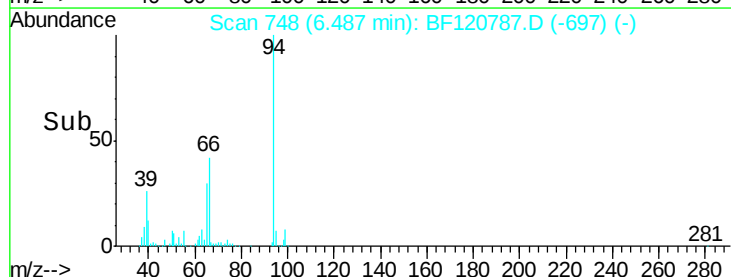
66 42.6 16.5 56.5

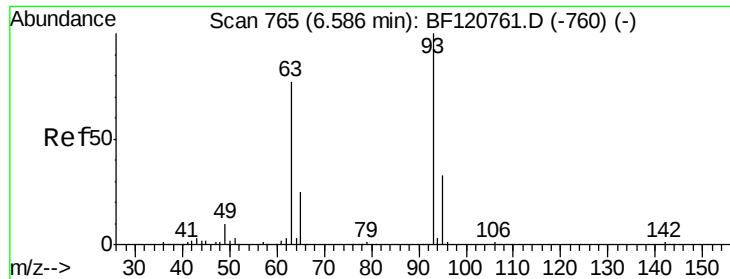


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

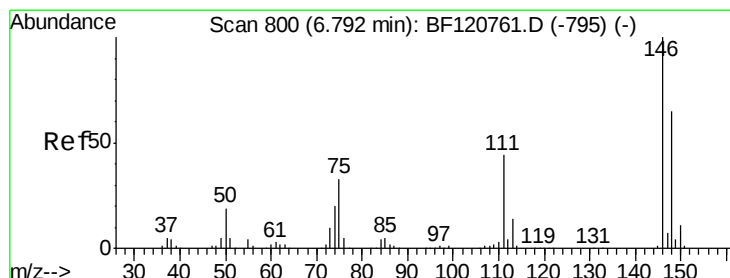
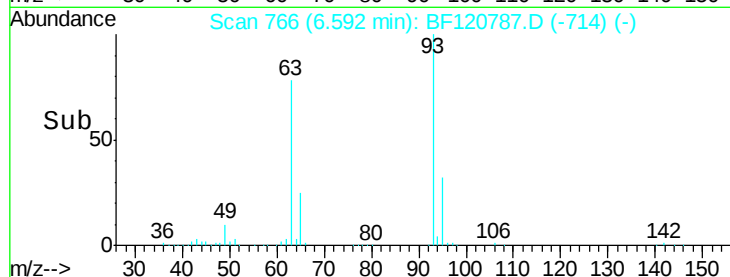
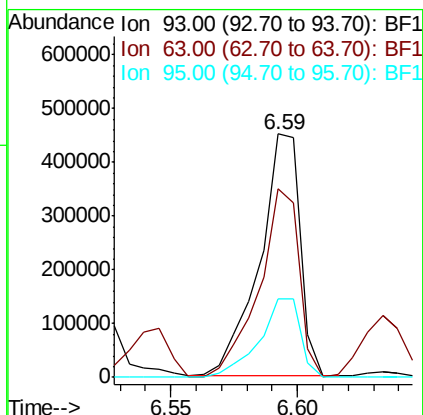
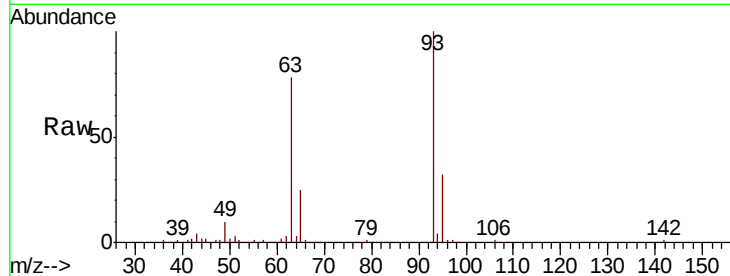




#11
 bis(2-Chloroethyl)ether
 Concen: 46.456 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

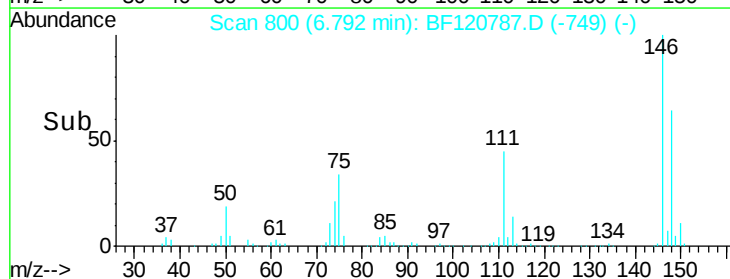
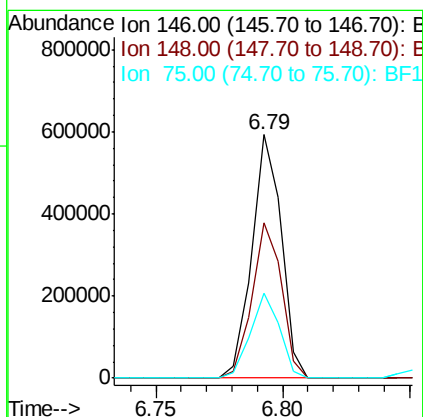
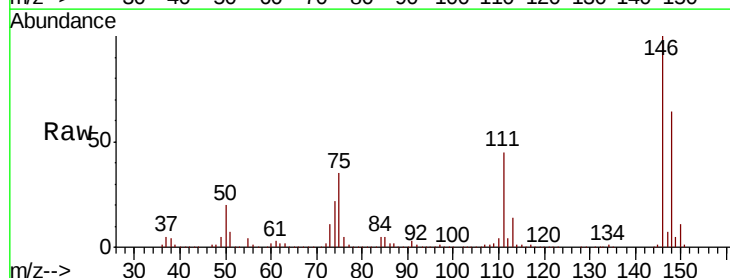
Instrument :
 BNA_F
 ClientSampleId :
 MW-14MS

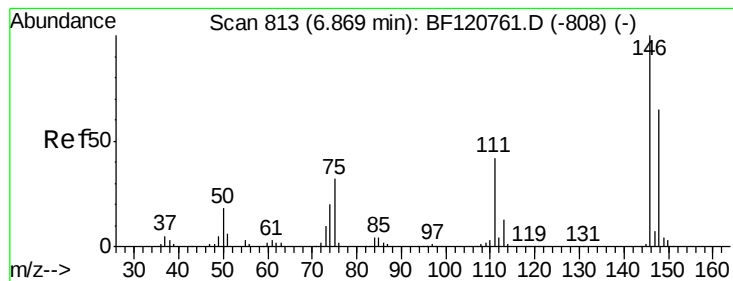
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.7	56.9	96.9
95	32.4	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 39.824 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
75	34.7	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 40.854 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

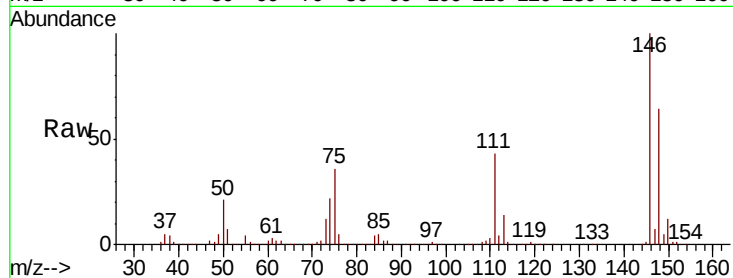
Tot Ion:146 Resp: 493821

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

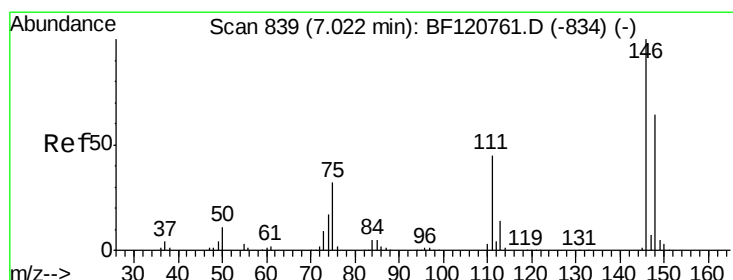
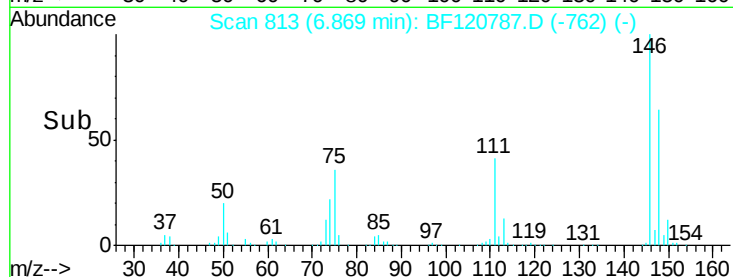
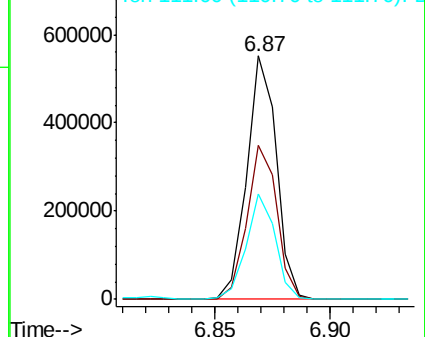
111 43.1 33.7 50.5



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: 32.920 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

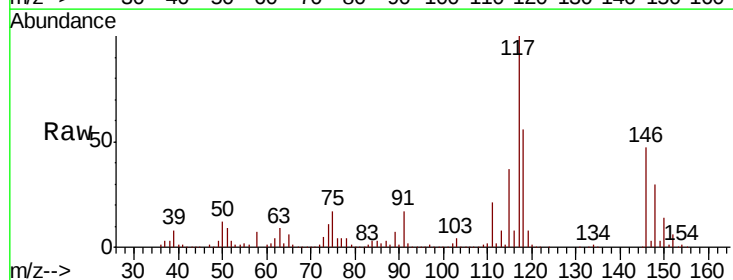
Tgt Ion:146 Resp: 378586

Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

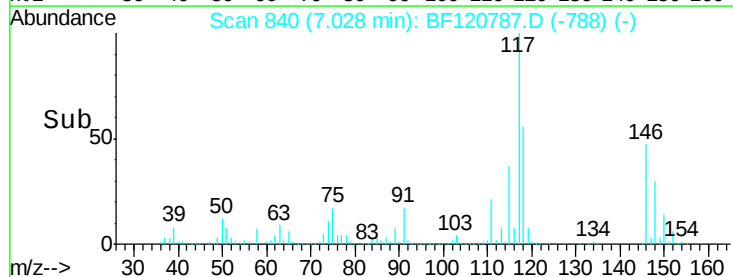
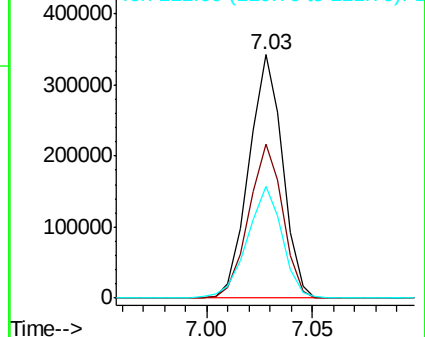
111 45.7 35.7 53.5

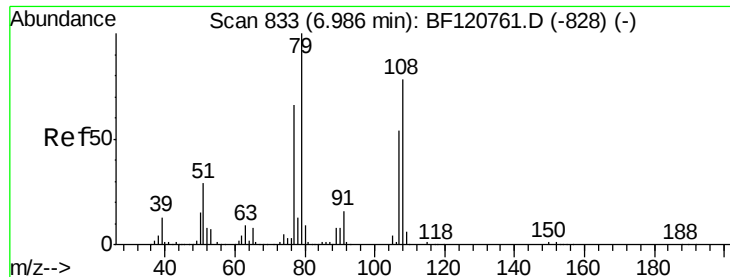


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.892 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

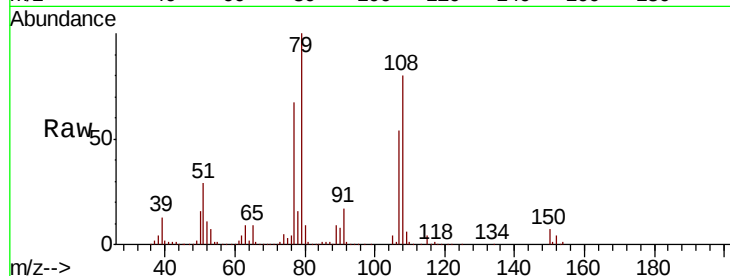
Tot Ion: 79 Resp: 305247

Ion Ratio Lower Upper

79 100

108 80.3 62.4 93.6

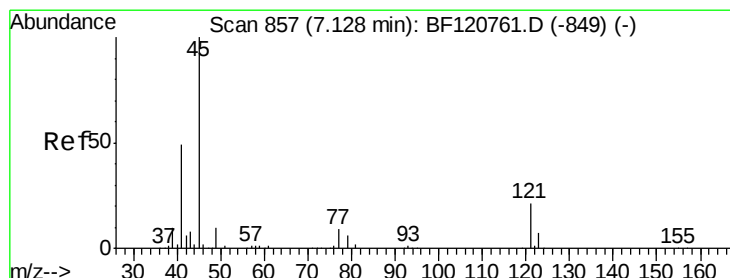
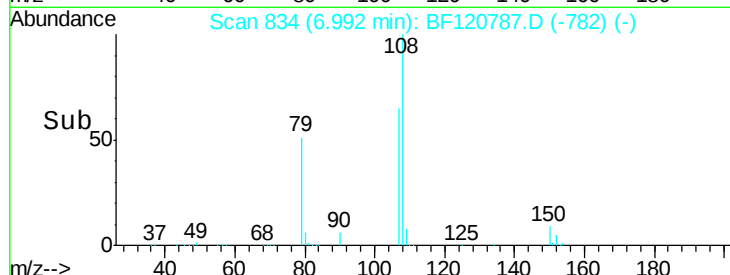
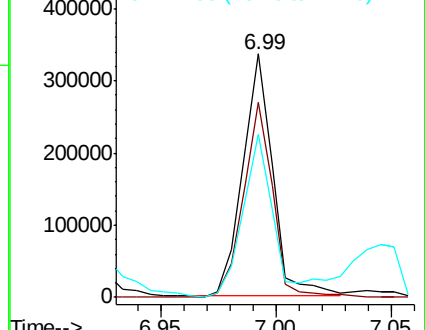
77 66.8 52.7 79.1



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: 42.733 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

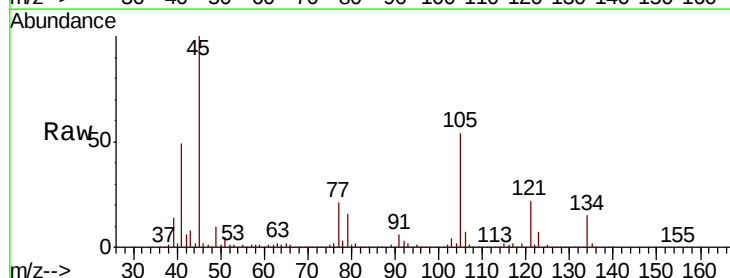
Tgt Ion: 45 Resp: 733791

Ion Ratio Lower Upper

45 100

77 20.6 0.0 33.7

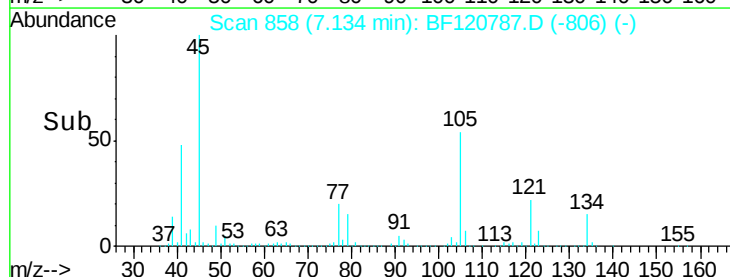
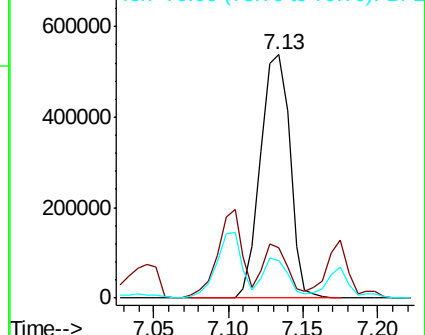
79 15.6 0.0 30.5

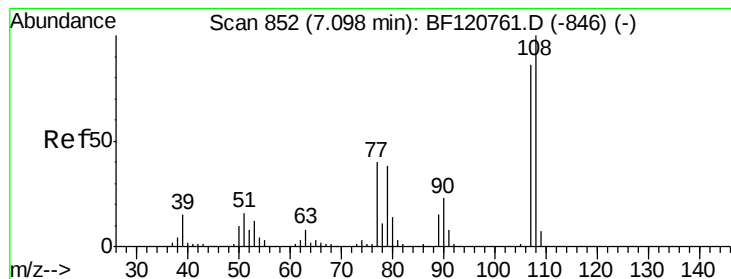


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

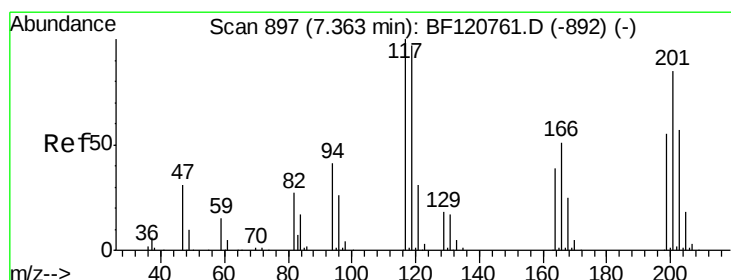
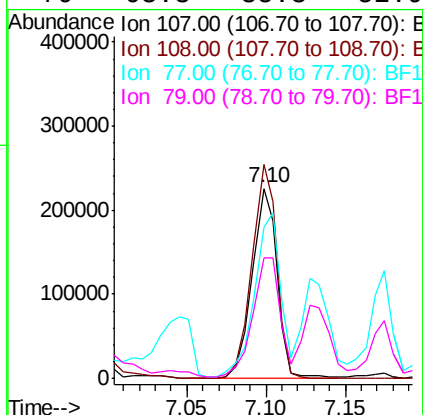
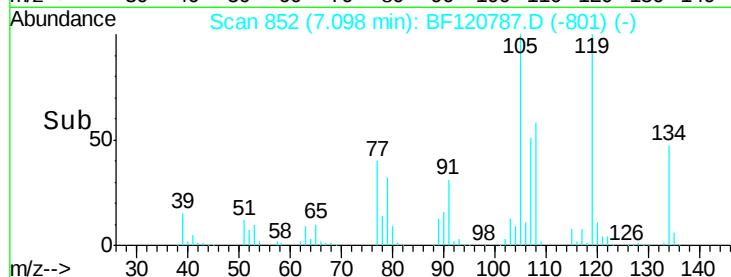
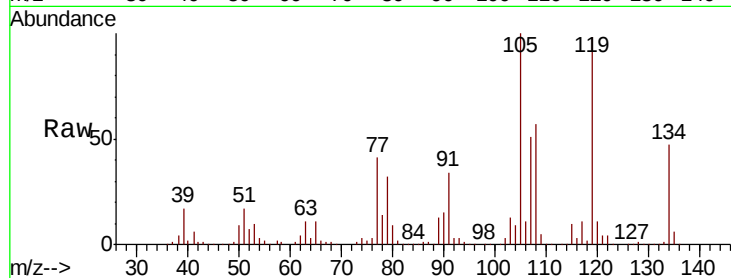




#17
2-Methylphenol
Concen: 25.352 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

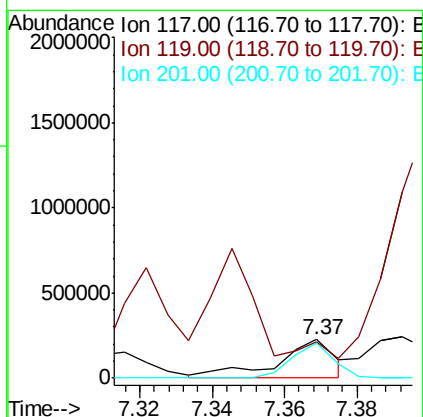
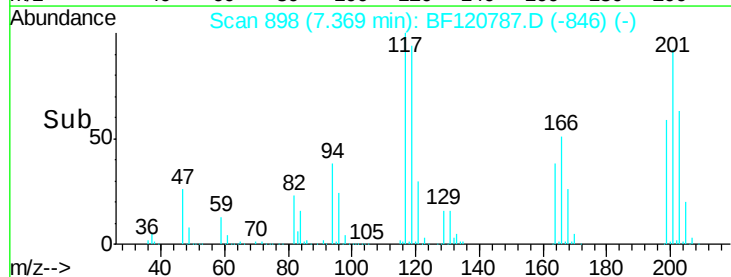
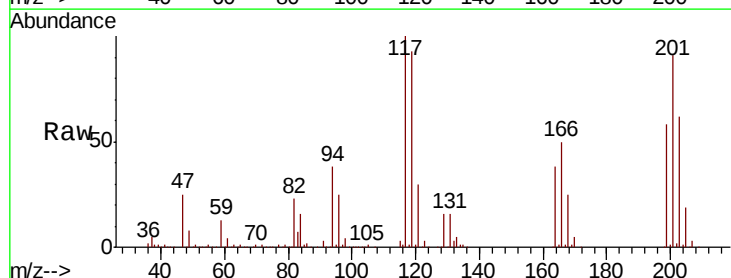
Instrument :
BNA_F
ClientSampleId :
MW-14MS

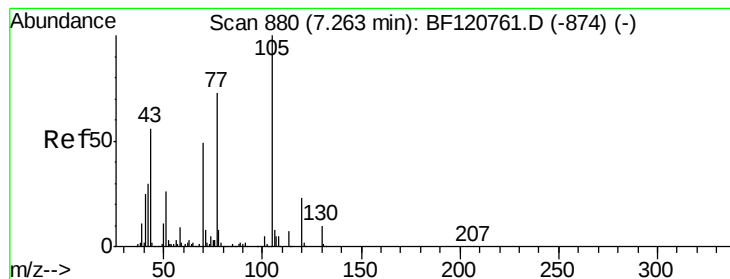
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	93.1	139.7
77	79.6	37.3	55.9#
79	63.3	35.3	52.9#



#18
Hexachloroethane
Concen: 53.195 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.9	116.9
201	91.4	68.3	102.5





#19

n-Nitroso-di-n-propylamine

Concen: 48.127 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

Tot Ion: 70 Resp: 381099

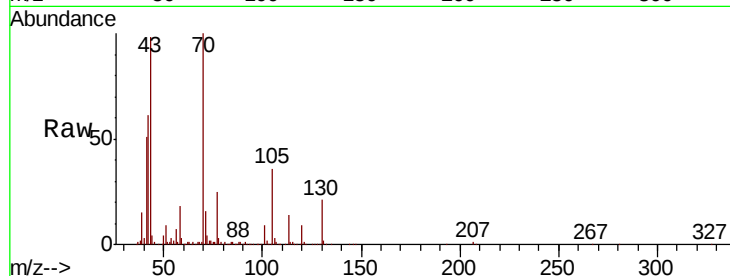
Ion Ratio Lower Upper

70 100

42 60.8 50.3 75.5

101 9.4 7.5 11.3

130 20.7 16.1 24.1

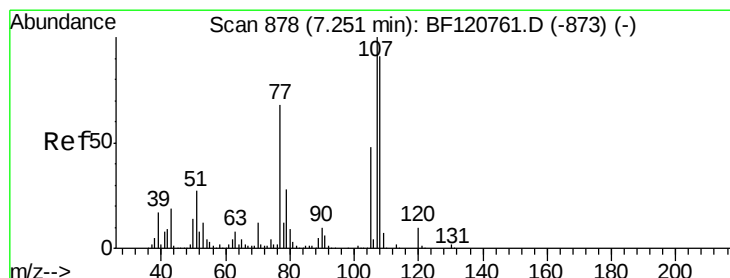
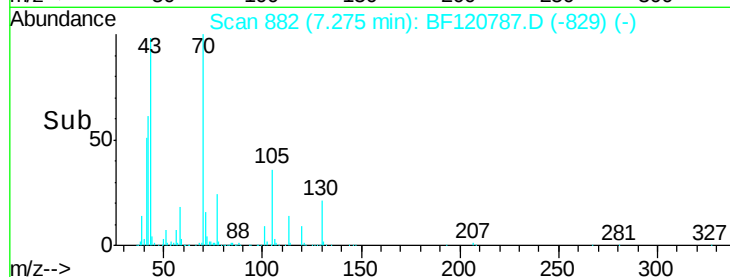
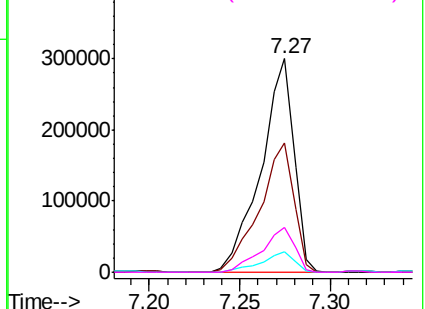


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 22.778 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Tgt Ion:107 Resp: 275177

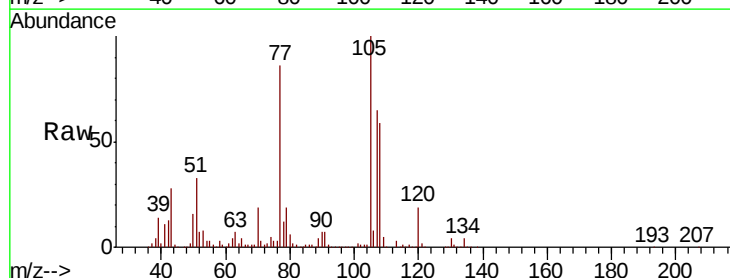
Ion Ratio Lower Upper

107 100

108 90.6 70.9 110.9

77 131.6 48.3 88.3#

79 29.8 7.8 47.8

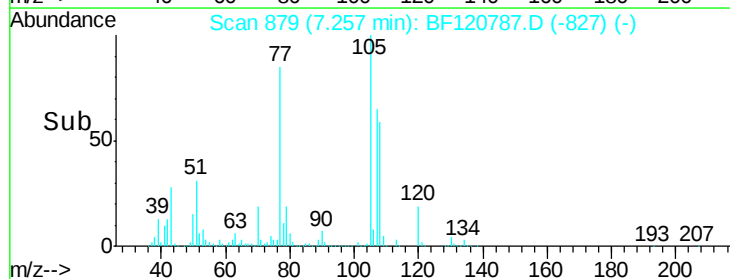
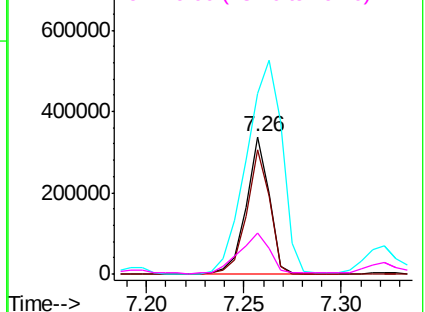


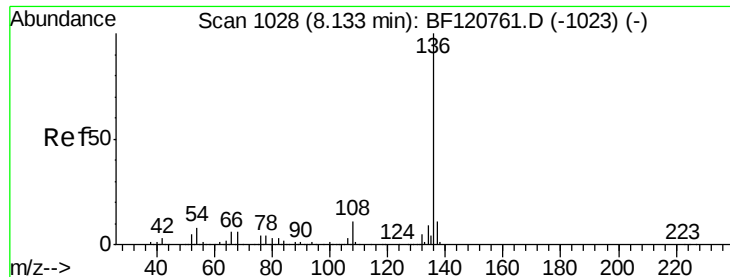
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

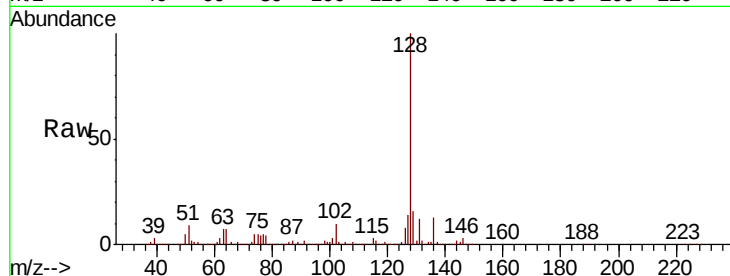




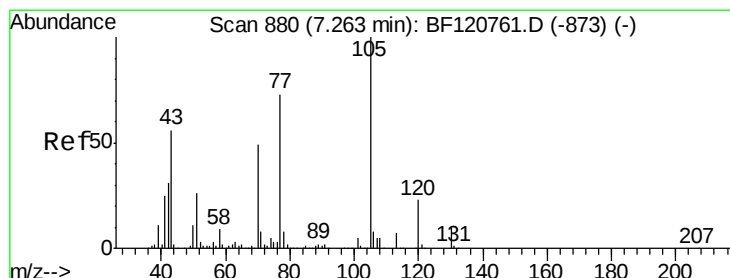
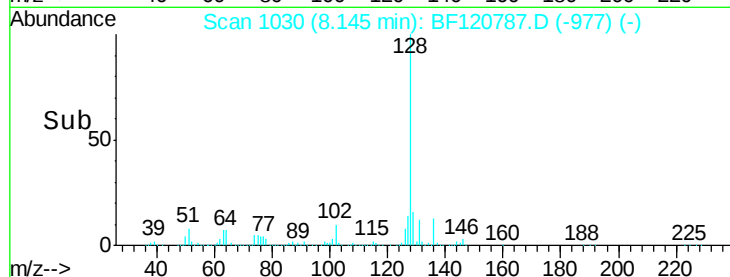
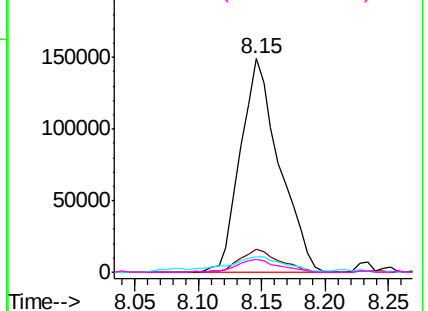
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
MW-14MS

Tot Ion:136	Resp: 317077
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.6
54 7.4	6.2 9.4
68 6.2	4.7 7.1

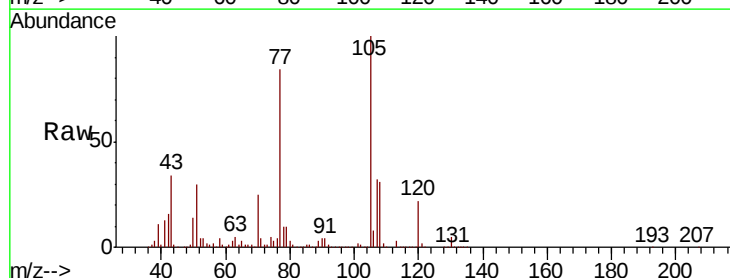


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

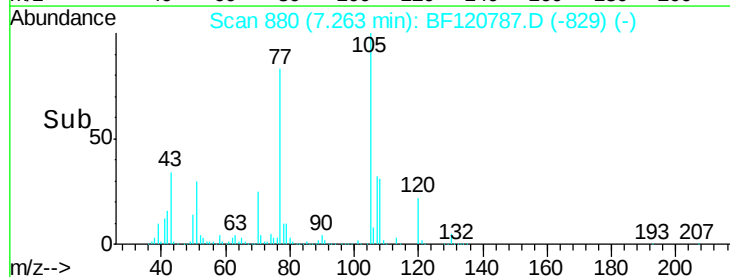
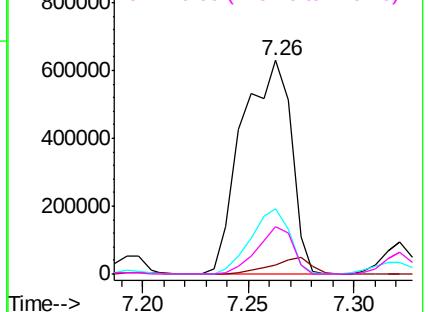


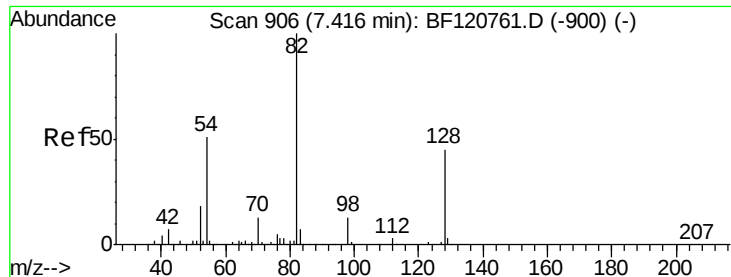
#22
Acetophenone
Concen: 129.381 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt	Ion:105	Resp:	1019695
Ion	Ratio	Lower	Upper
105	100		
71	4.1	6.5	9.7#
51	30.5	21.0	31.4
120	22.4	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

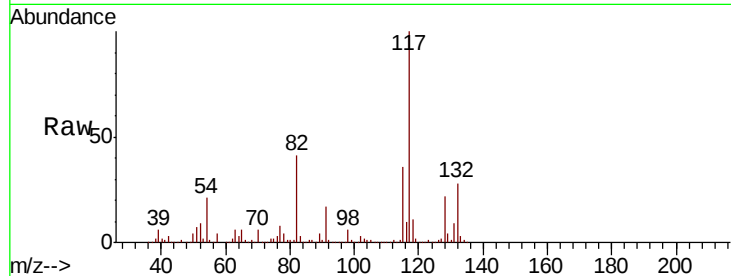




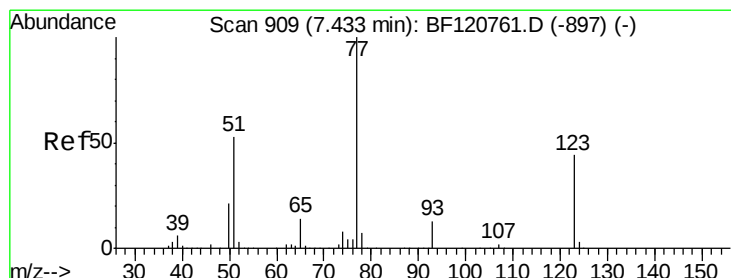
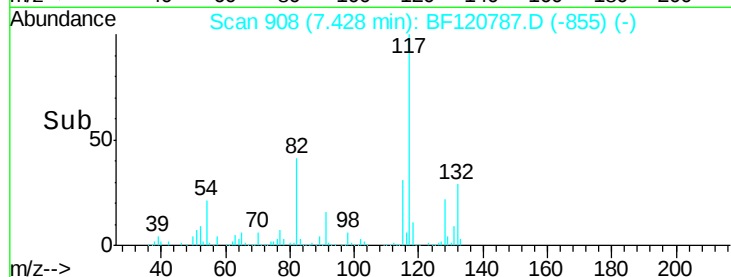
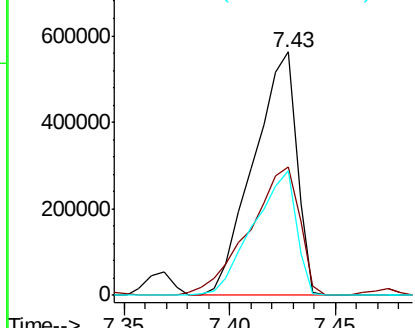
#23
Nitrobenzene-d5
Concen: 146.030 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
MW-14MS

Tot Ion	82	Resp	799180
Ion Ratio	100	Lower	Upper
128	53.0	35.7	53.5
54	51.3	40.9	61.3

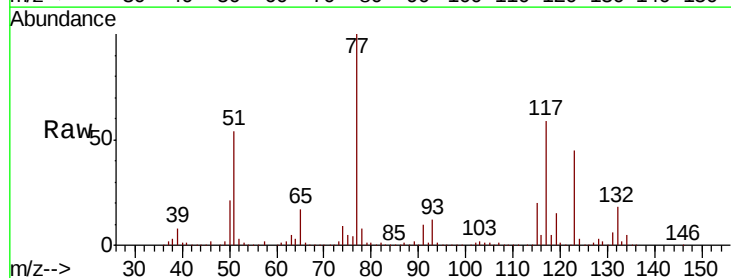


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

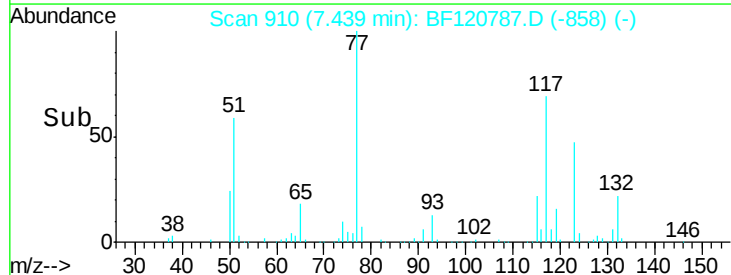
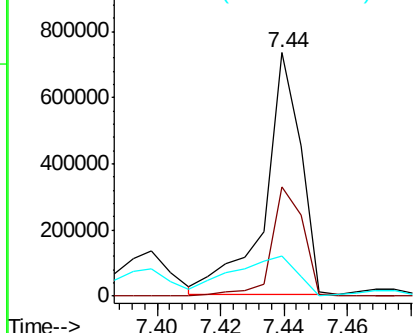


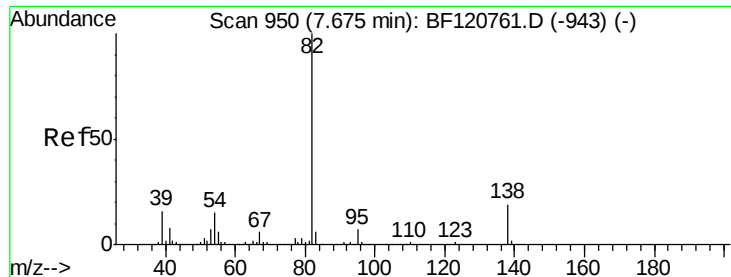
#24
Nitrobenzene
Concen: 94.359 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion	77	Resp	579813
Ion Ratio	100	Lower	Upper
123	44.9	36.1	54.1
65	16.6	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: 72.311 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.02 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

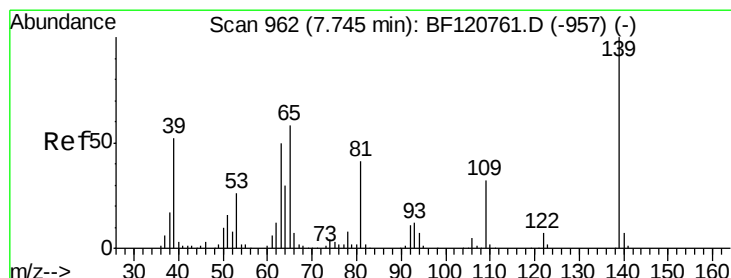
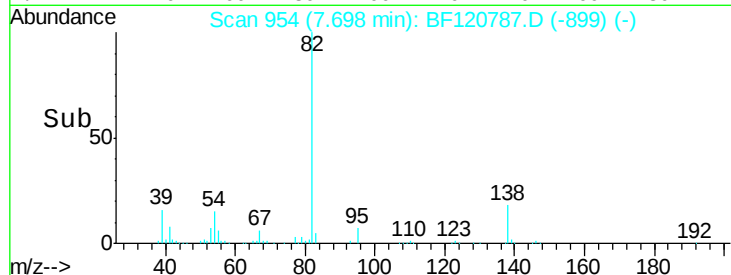
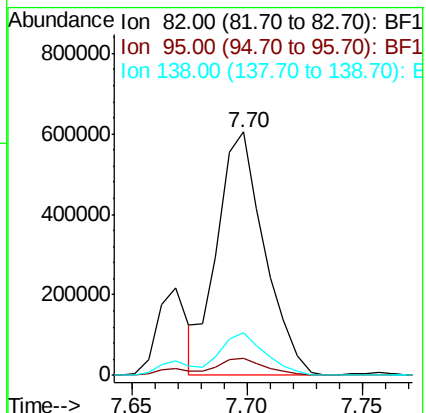
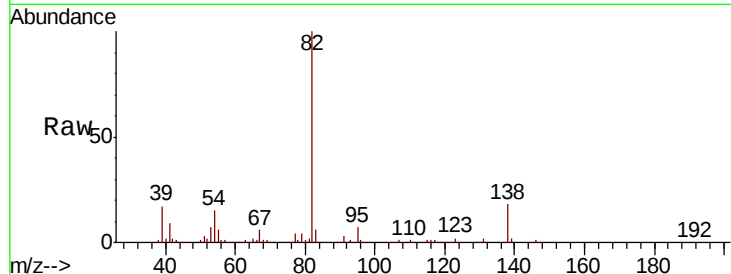
Tot Ion: 82 Resp: 853436

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 17.5 15.0 22.4



#26

2-Nitrophenol

Concen: 88.512 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

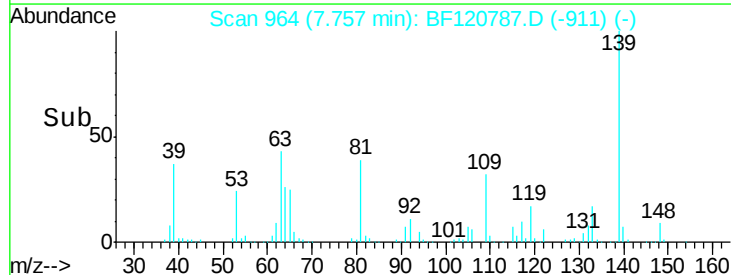
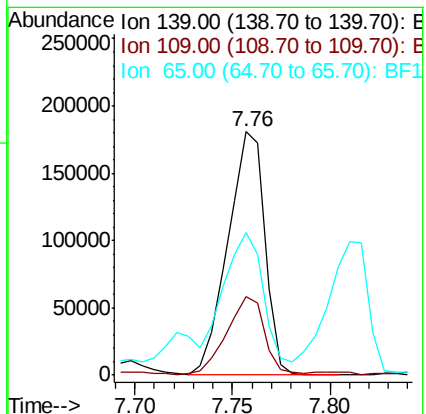
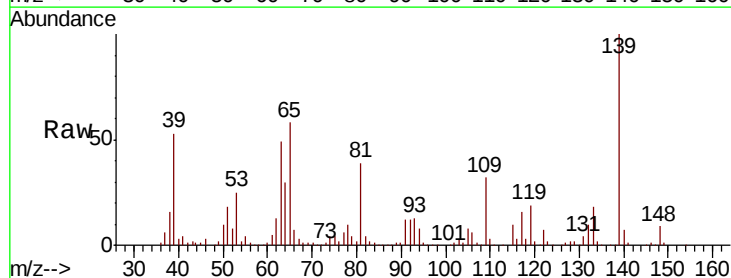
Tgt Ion: 139 Resp: 238082

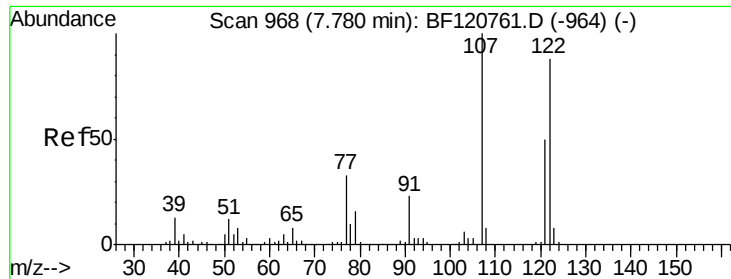
Ion Ratio Lower Upper

139 100

109 32.1 25.3 37.9

65 58.4 46.2 69.2

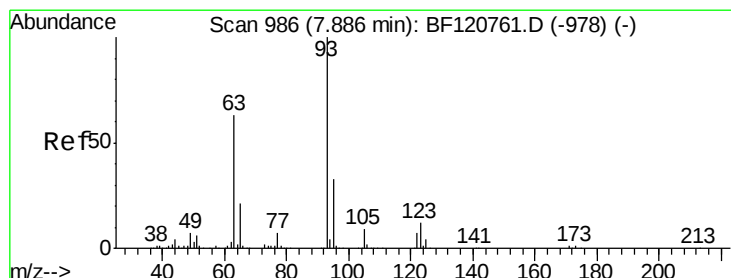
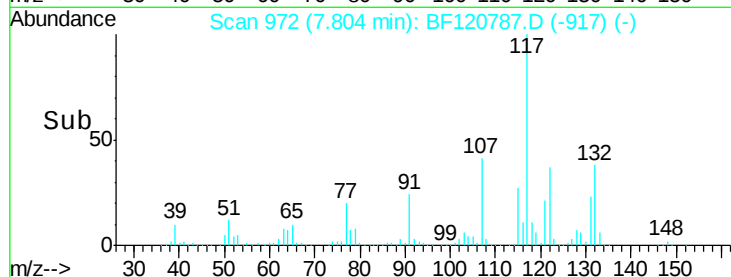
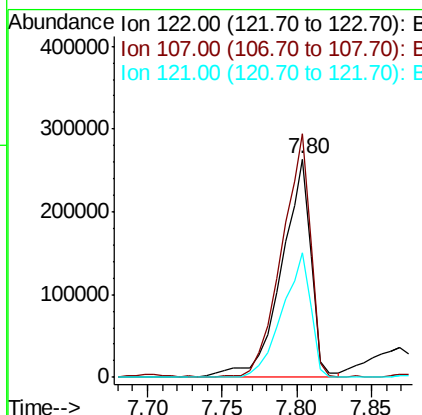
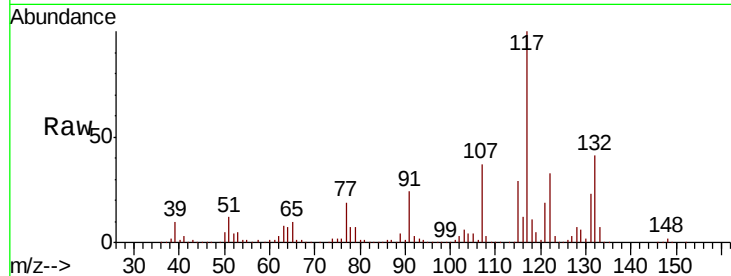




#27
 2,4-Dimethylphenol
 Concen: 78.335 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.02 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

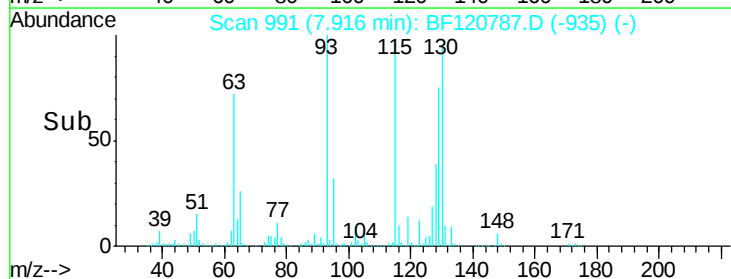
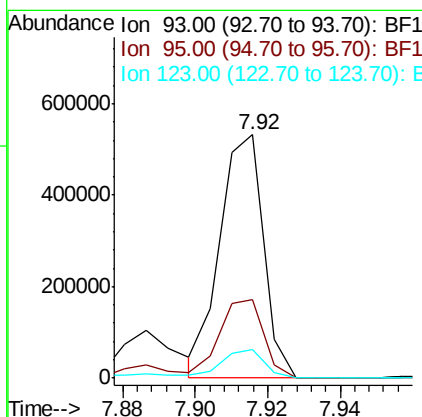
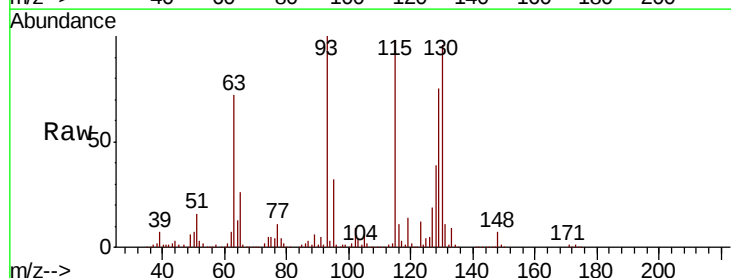
Instrument :
 BNA_F
 ClientSampleId :
 MW-14MS

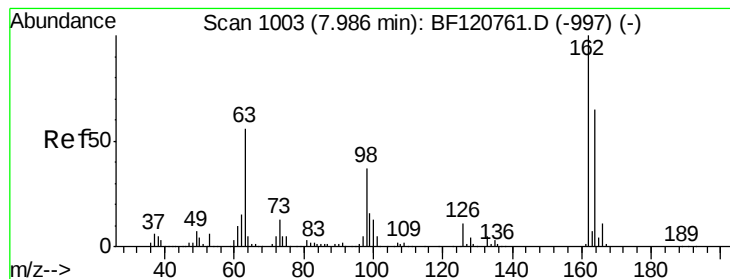
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	90.7	136.1
121	57.0	45.4	68.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 63.747 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.03 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	11.7	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 77.578 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

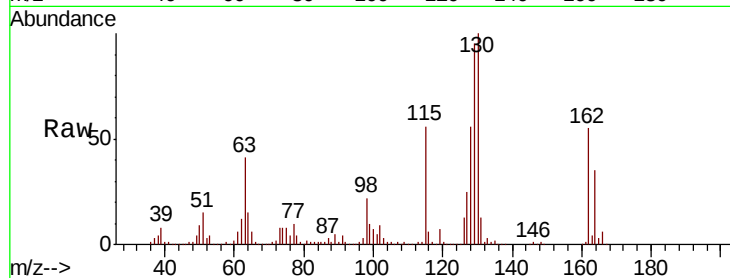
Tot Ion:162 Resp: 364881

Ion Ratio Lower Upper

162 100

164 63.4 45.2 85.2

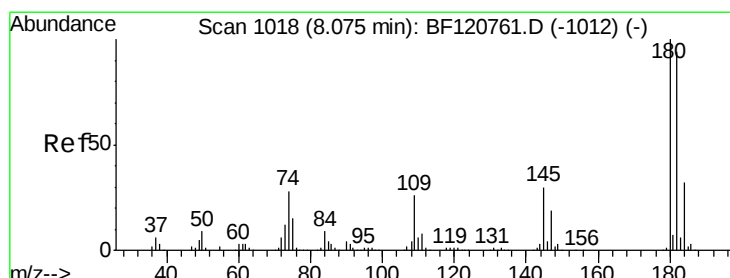
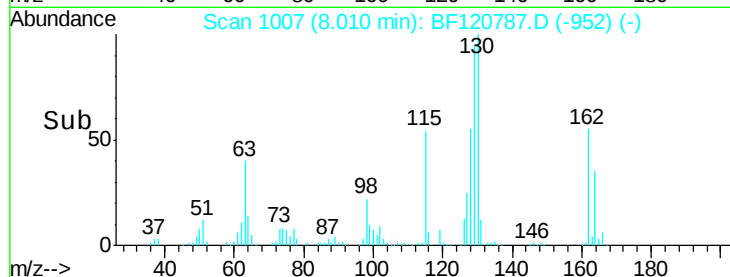
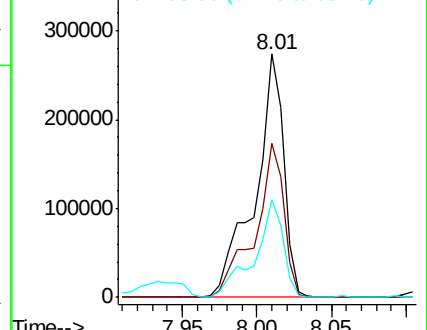
98 40.2 17.0 57.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 83.646 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.04 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

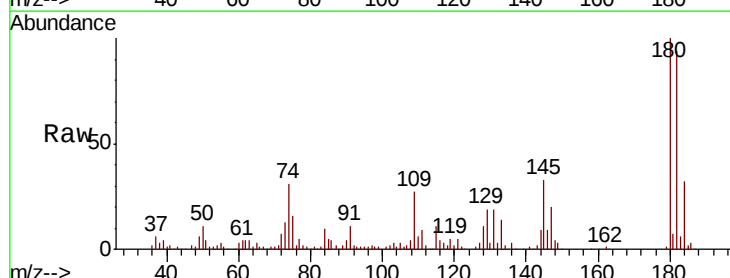
Tgt Ion:180 Resp: 441885

Ion Ratio Lower Upper

180 100

182 94.3 75.5 113.3

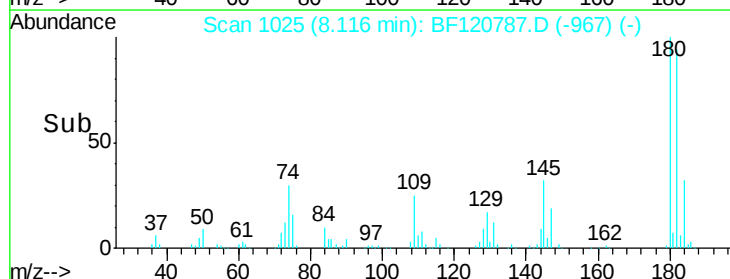
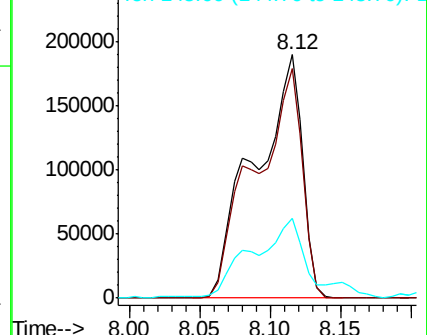
145 32.9 24.1 36.1

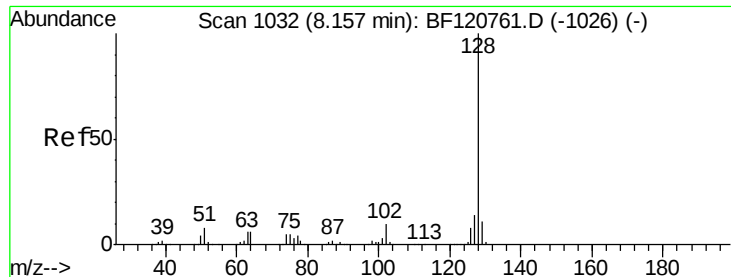


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

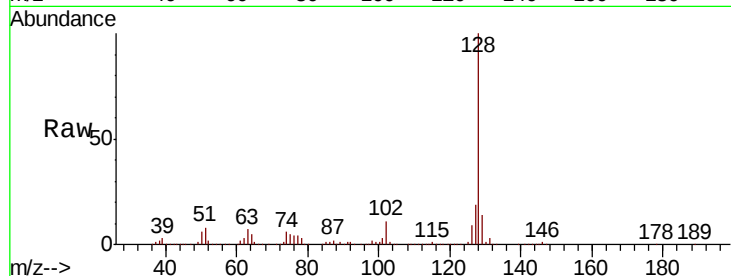




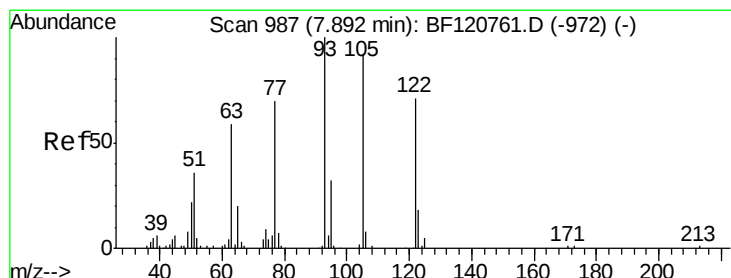
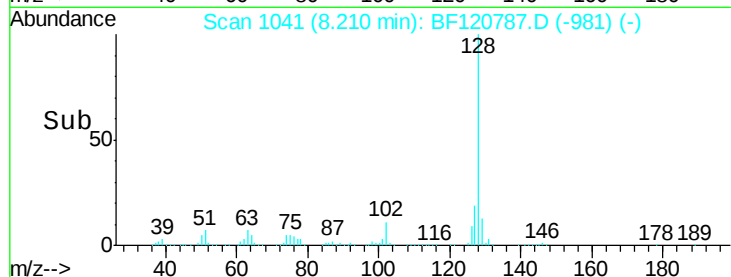
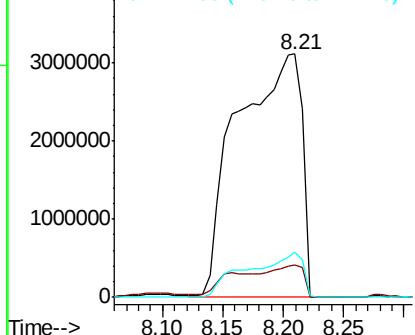
#31
Naphthalene
Concen: 674.535 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.05 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
MW-14MS

Tot Ion:128 Resp:11430264
Ion Ratio Lower Upper
128 100
129 13.6 9.2 13.8
127 18.6 11.1 16.7#

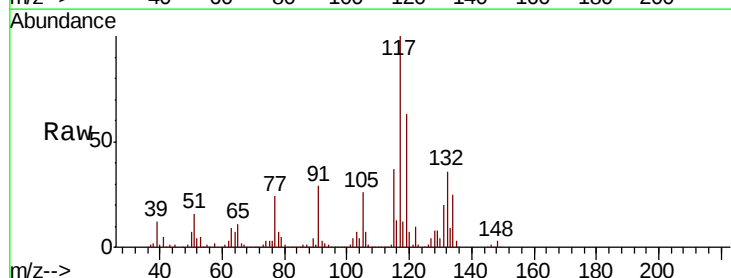


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

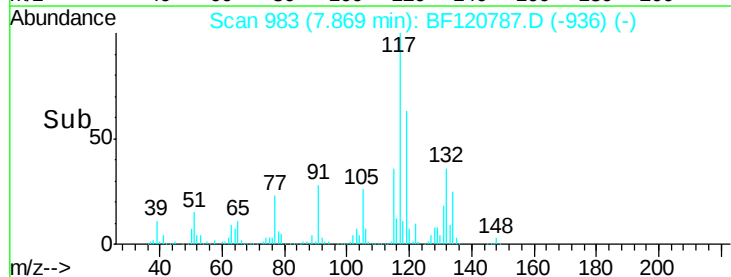
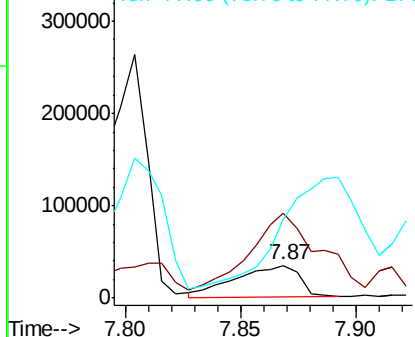


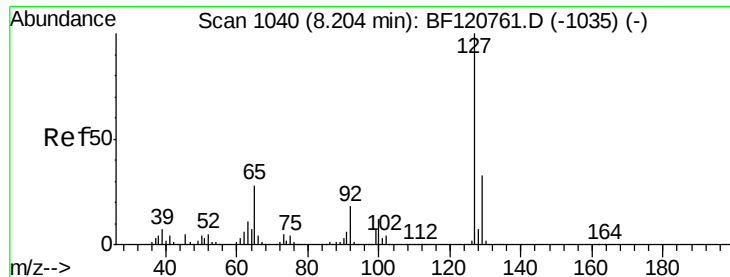
#32
Benzoic acid
Concen: 21.933 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion:122 Resp: 64688
Ion Ratio Lower Upper
122 100
105 259.6 105.8 145.8#
77 240.0 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

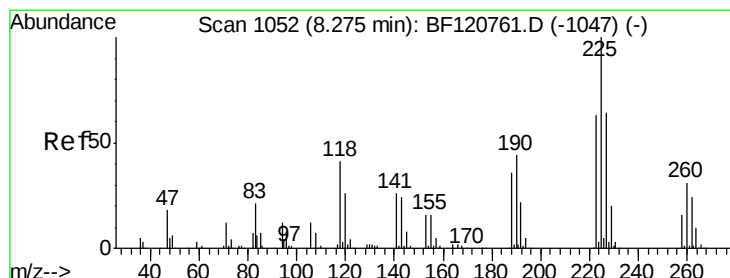
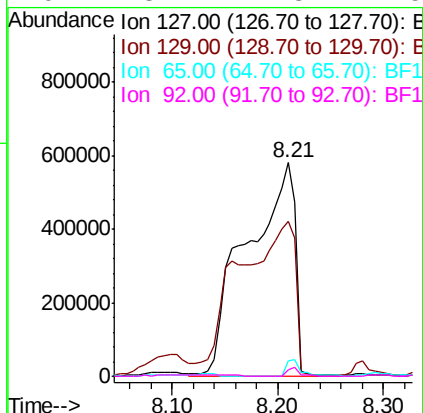
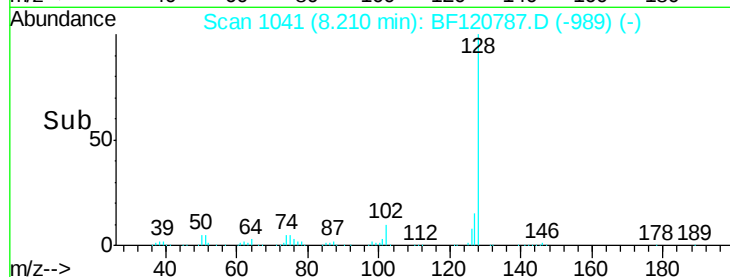
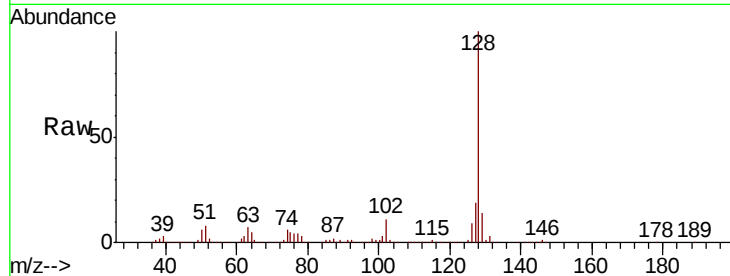




#33
4-Chloroaniline
Concen: 253.185 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

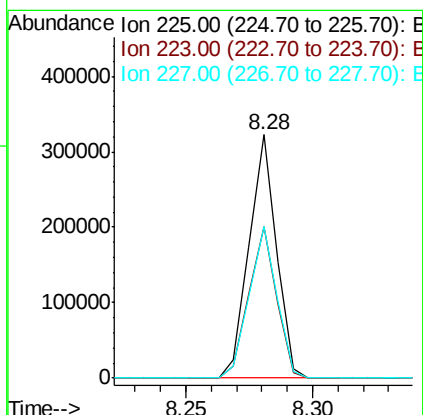
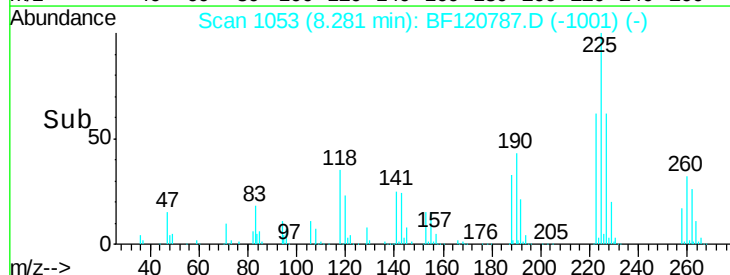
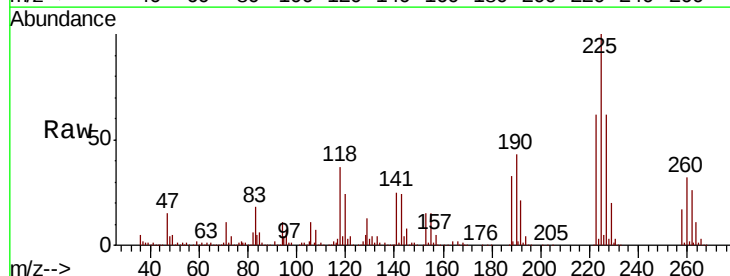
Instrument :
BNA_F
ClientSampleId :
MW-14MS

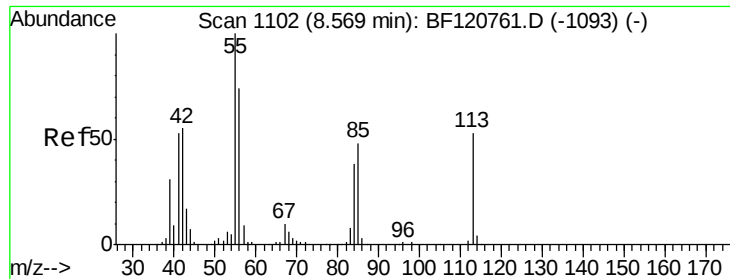
Tot Ion:127 Resp: 1820561
Ion Ratio Lower Upper
127 100
129 72.7 26.6 39.8#
65 7.4 22.7 34.1#
92 3.1 14.3 21.5#



#34
Hexachlorobutadiene
Concen: 76.561 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion:225 Resp: 243251
Ion Ratio Lower Upper
225 100
223 62.1 50.6 76.0
227 62.1 51.4 77.2





#35

Caprolactam

Concen: 19.964 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.03 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

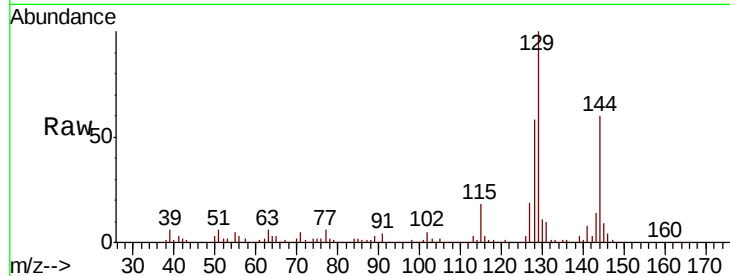
Tot Ion:113 Resp: 27361

Ion Ratio Lower Upper

113 100

55 141.1 168.3 208.3#

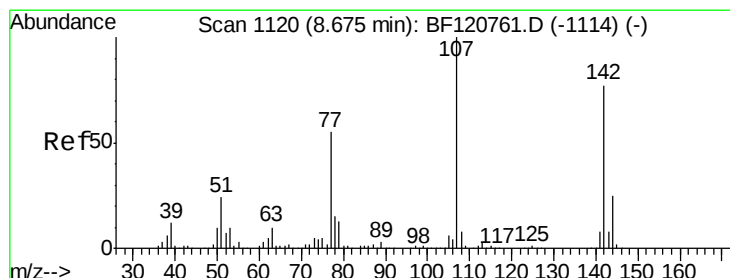
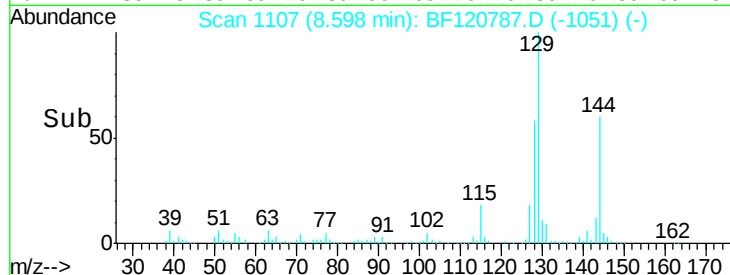
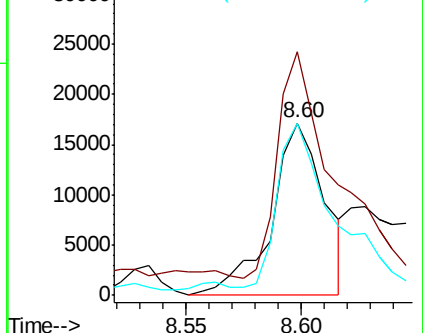
56 99.9 118.8 158.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 74.830 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

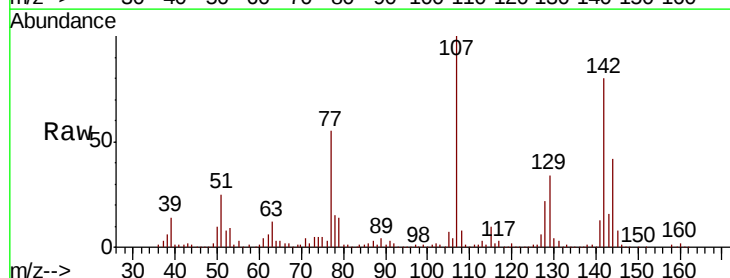
Tgt Ion:107 Resp: 366113

Ion Ratio Lower Upper

107 100

144 42.5 19.7 29.5#

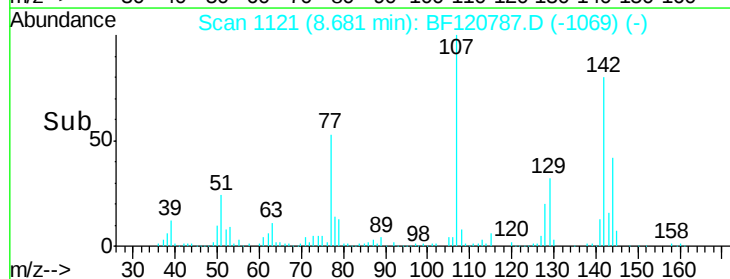
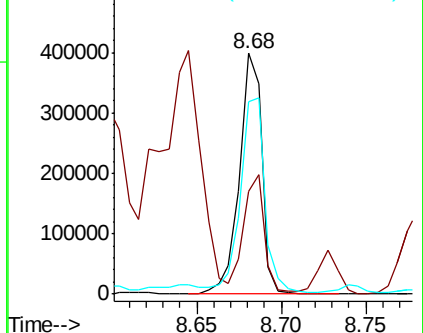
142 80.0 61.2 91.8

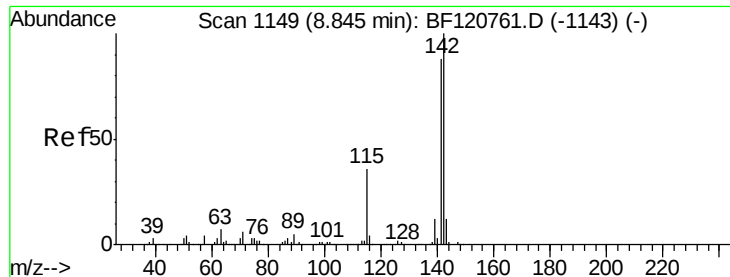


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

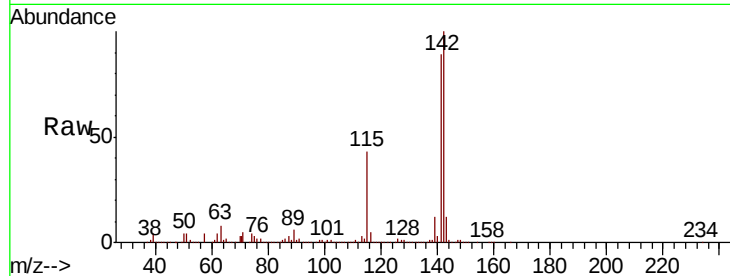




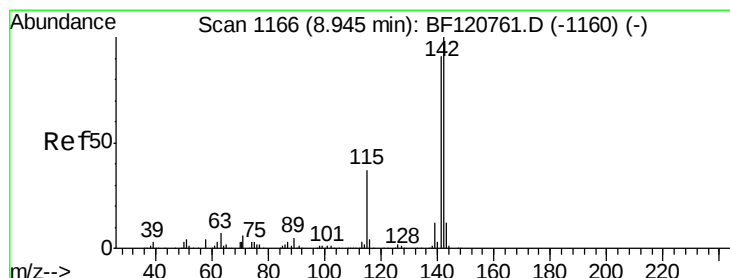
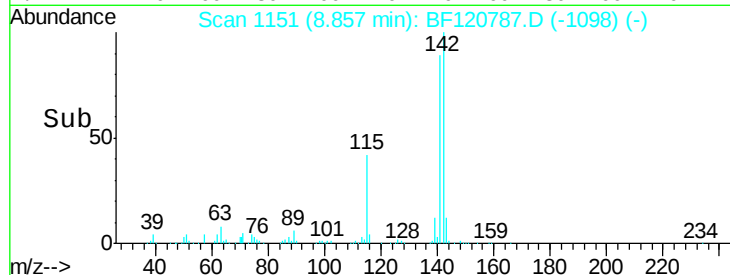
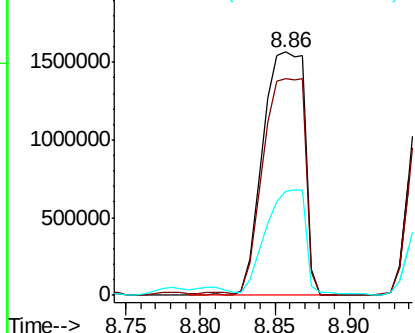
#37
2-Methylnaphthalene
Concen: 276.683 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
MW-14MS

Tot Ion:142 Resp: 3047832
Ion Ratio Lower Upper
142 100
141 89.1 70.2 105.4
115 42.7 29.0 43.4

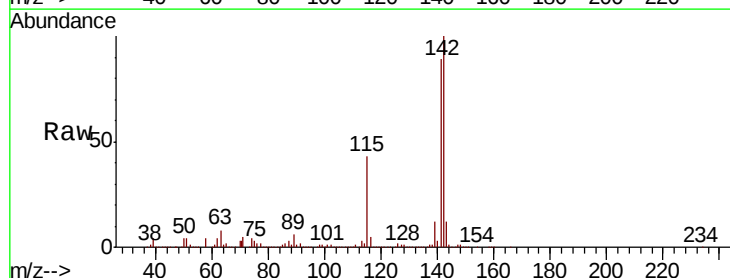


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

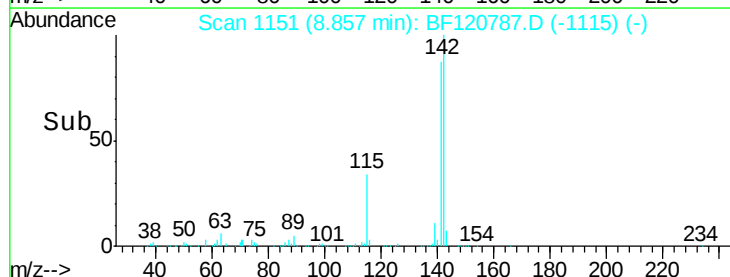
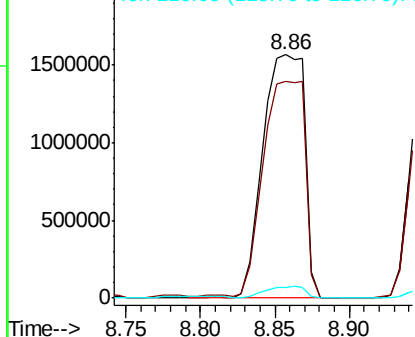


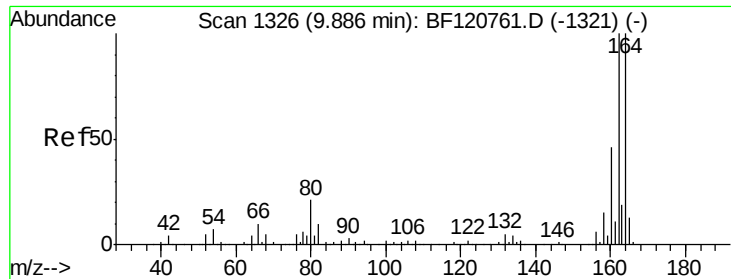
#38
1-Methylnaphthalene
Concen: 295.381 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.09 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion:142 Resp: 3047832
Ion Ratio Lower Upper
142 100
141 89.1 72.5 108.7
116 4.6 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

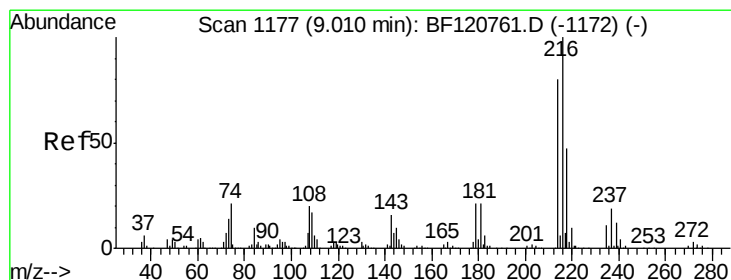
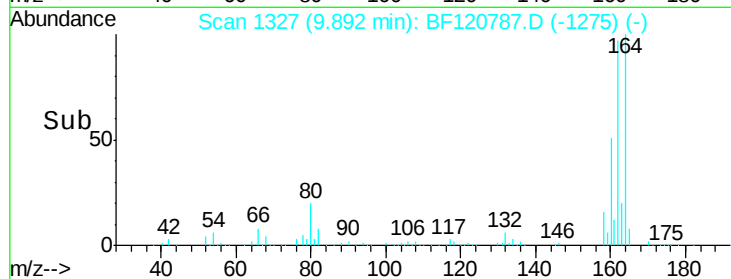
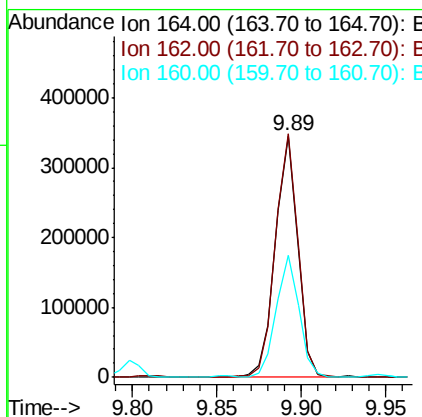
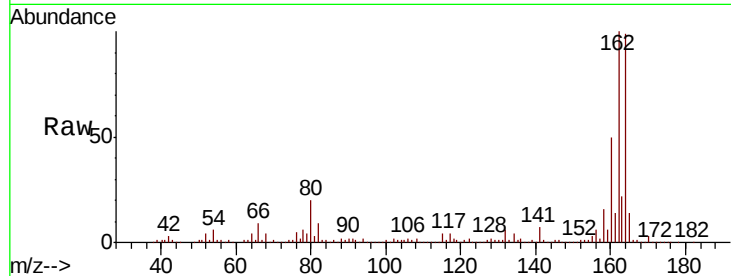




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

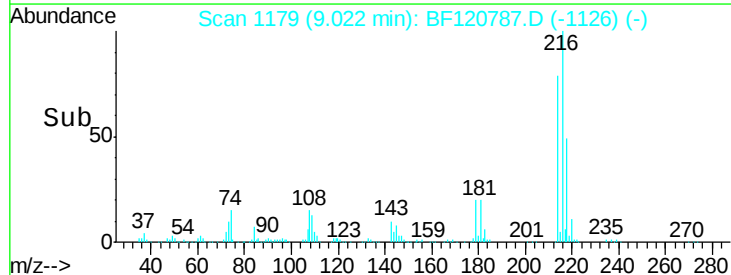
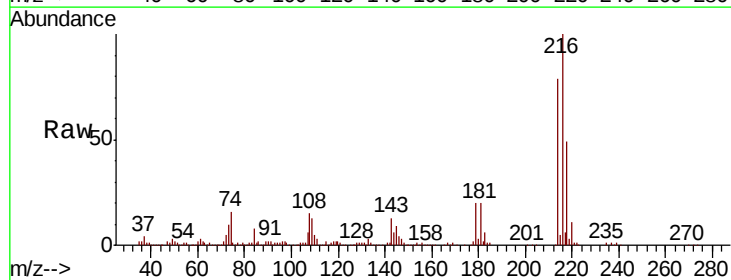
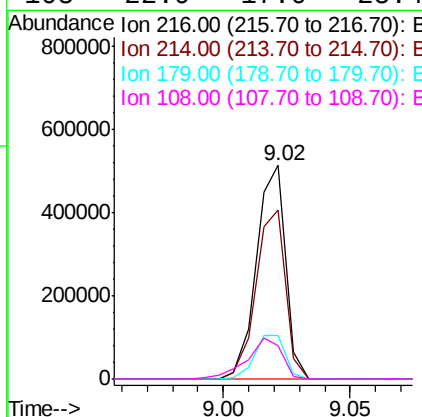
Instrument :
 BNA_F
 ClientSampleId :
 MW-14MS

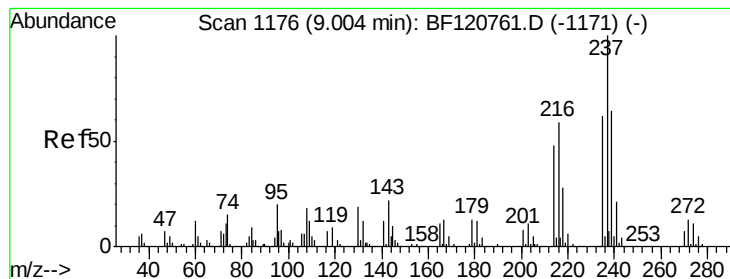
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	50.4	36.9	55.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.796 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.7	95.5
179	21.8	16.7	25.1
108	22.9	17.0	25.4





#41

Hexachlorocyclopentadiene

Concen: 78.985 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

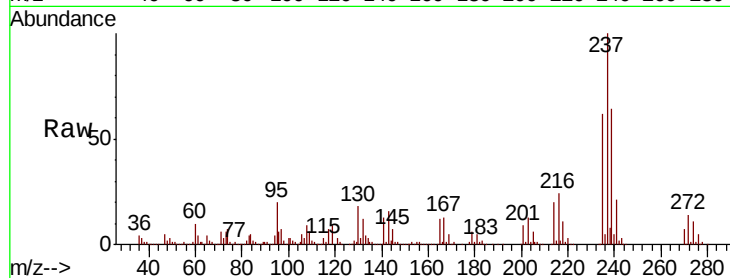
Tot Ion:237 Resp: 449280

Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.1	82.1
272	13.7	0.0	33.4

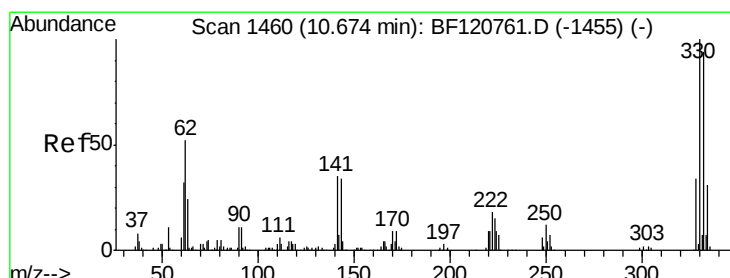
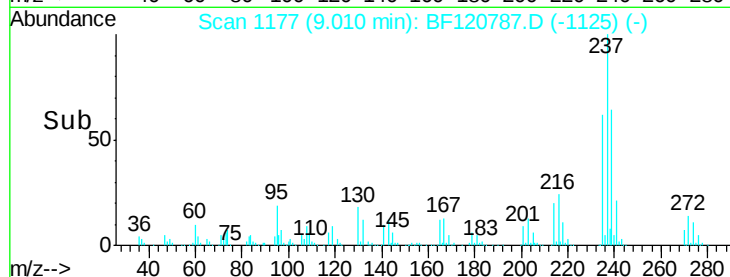
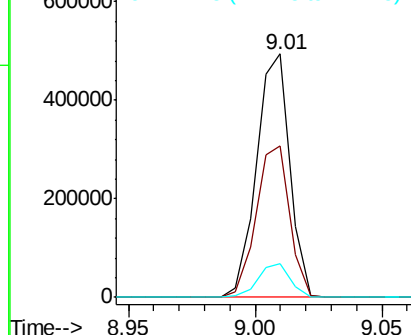
237 100

235 62.1 42.1 82.1

272 13.7 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: 143.857 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

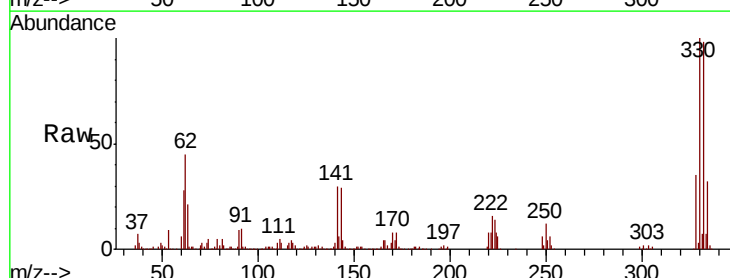
Tgt Ion:330 Resp: 460381

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.6
141	32.4	29.7	44.5

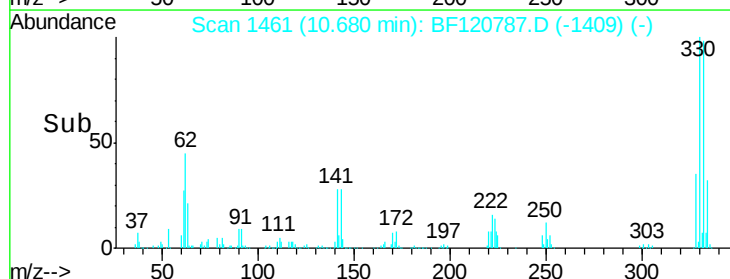
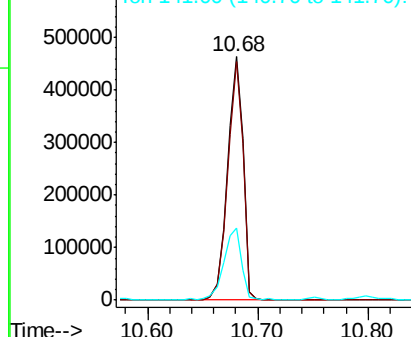
330 100

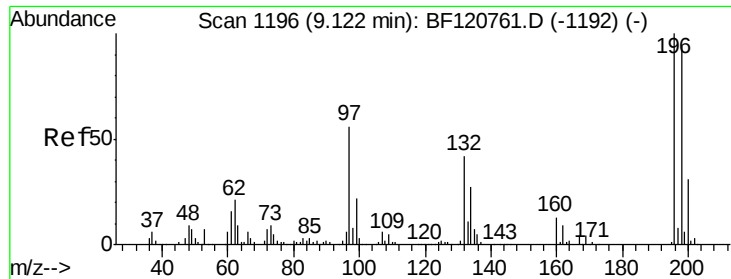
332 96.5 75.8 113.6

141 32.4 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

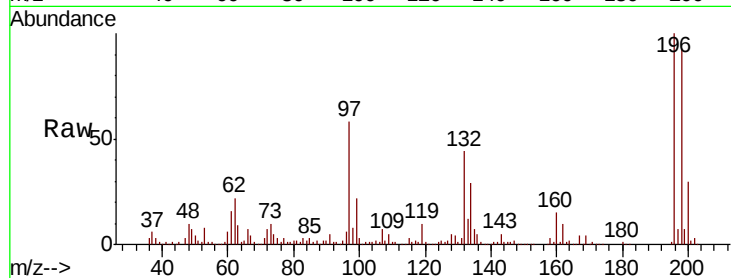




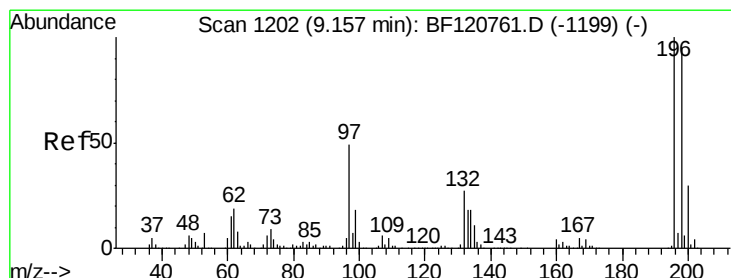
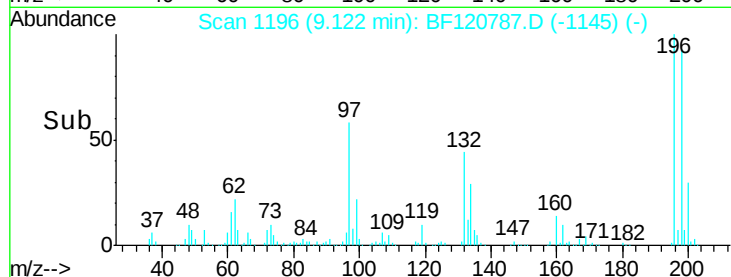
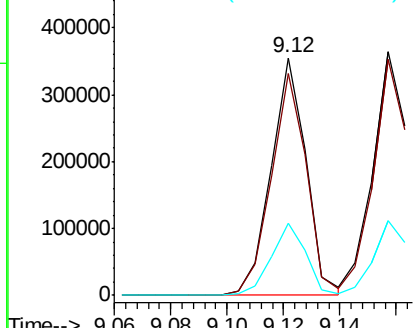
#43
 2,4,6-Trichlorophenol
 Concen: 46.352 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleID :
 MW-14MS

Tot Ion	196	Resp	304076
Ion Ratio	Lower	Upper	
196	100		
198	93.1	75.3	112.9
200	30.3	24.4	36.6



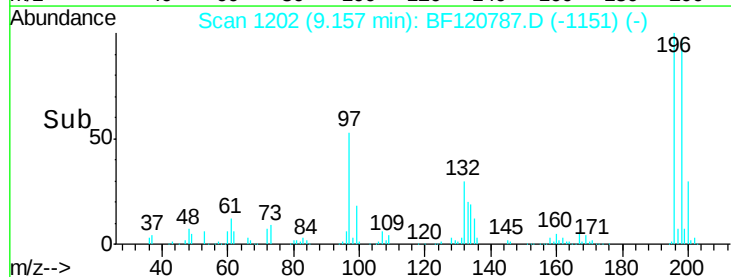
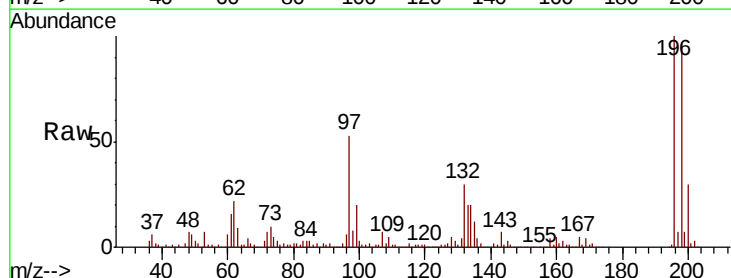
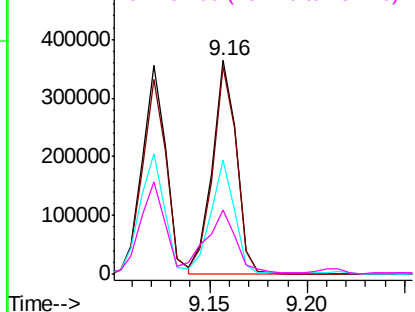
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

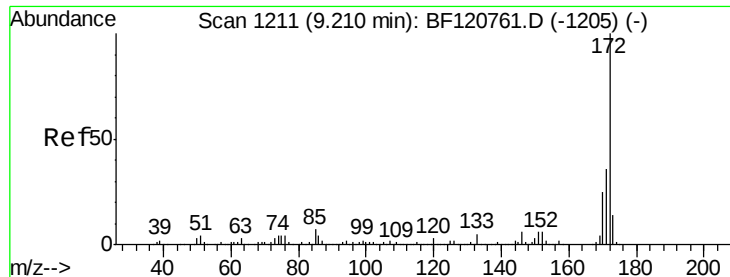


#44
 2,4,5-Trichlorophenol
 Concen: 42.738 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Tgt Ion	196	Resp	311145
Ion Ratio	Lower	Upper	
196	100		
198	96.8	76.2	114.2
97	53.3	39.6	59.4
132	30.1	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

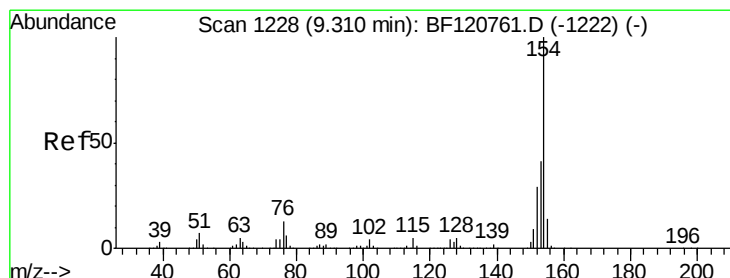
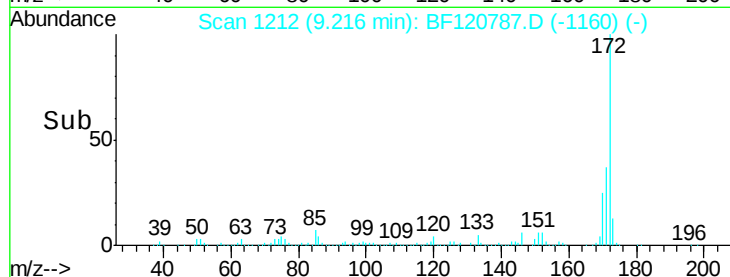
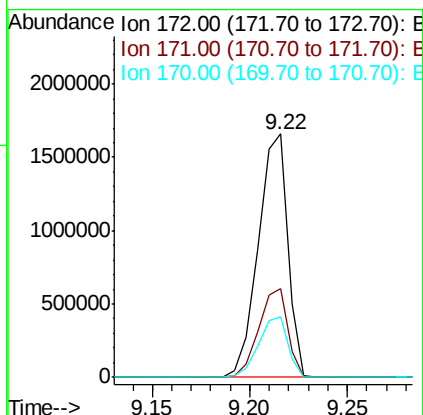
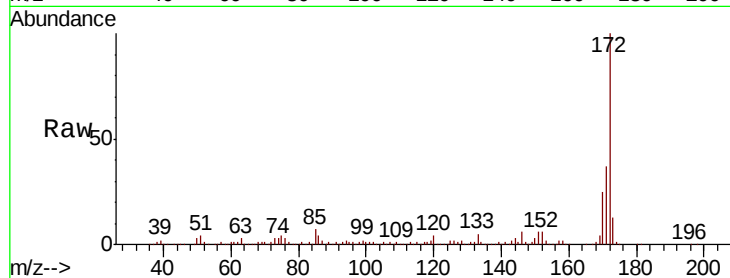




#45
2-Fluorobiphenyl
Concen: 82.337 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

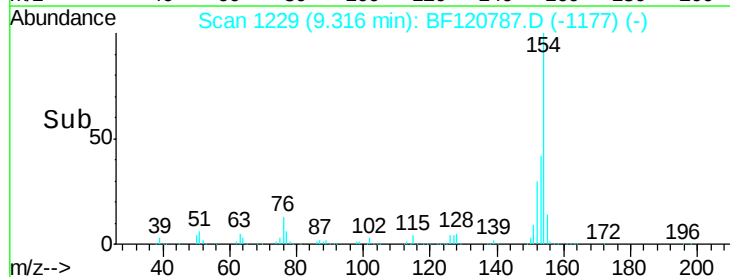
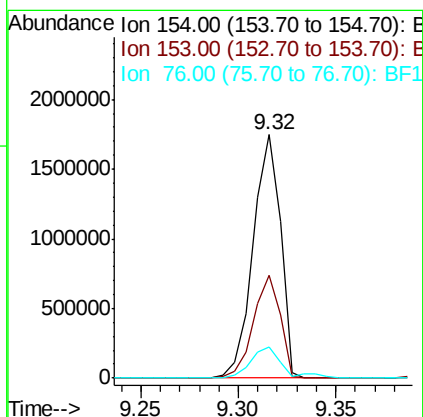
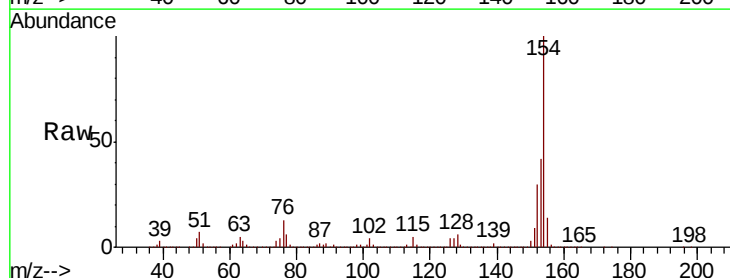
Instrument :
BNA_F
ClientSampleId :
MW-14MS

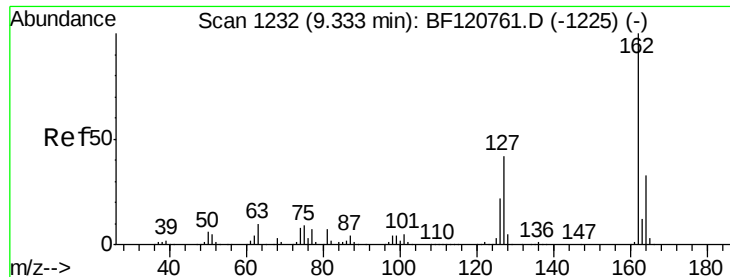
Tot Ion:172 Resp: 1733599
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 25.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 66.053 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion:154 Resp: 1697224
Ion Ratio Lower Upper
154 100
153 42.1 20.7 60.7
76 12.9 0.0 33.3

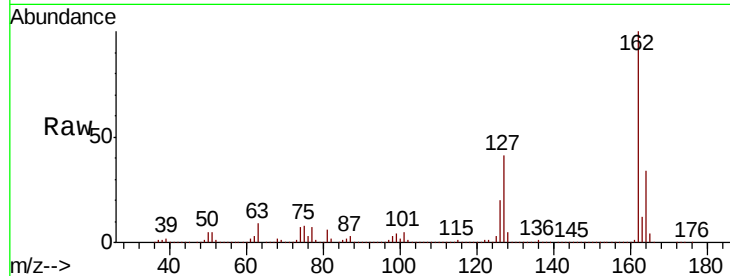




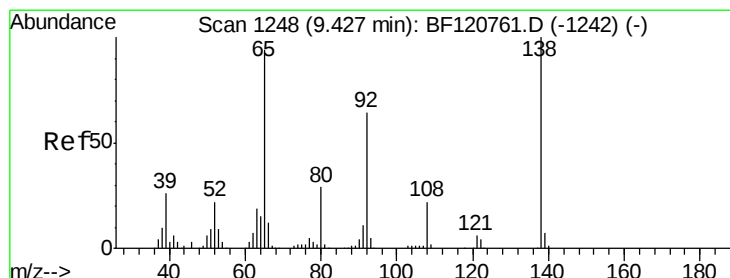
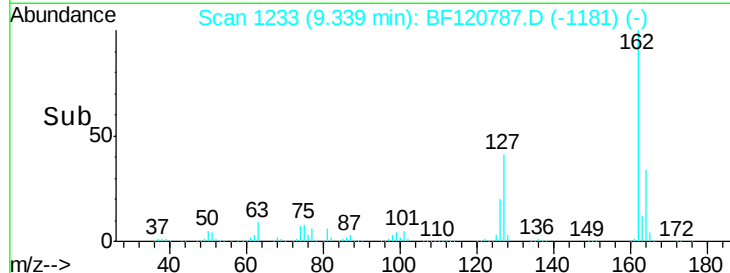
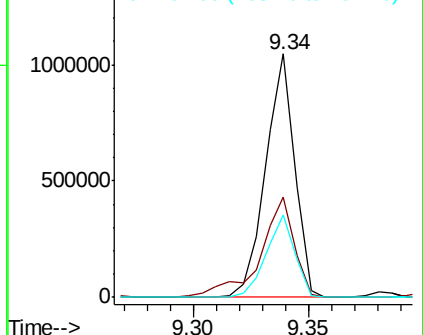
#47
2-Chloronaphthalene
Concen: 44.487 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
MW-14MS

Tot Ion:162 Resp: 915773
Ion Ratio Lower Upper
162 100
127 41.0 33.7 50.5
164 33.6 26.4 39.6

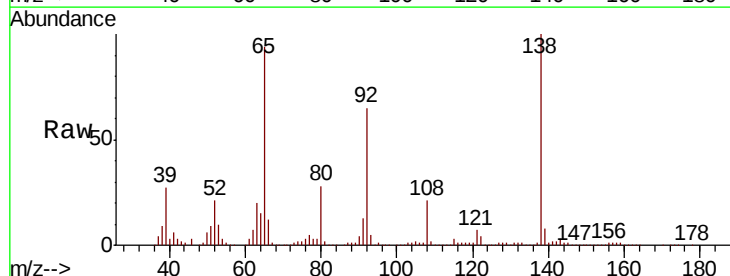


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

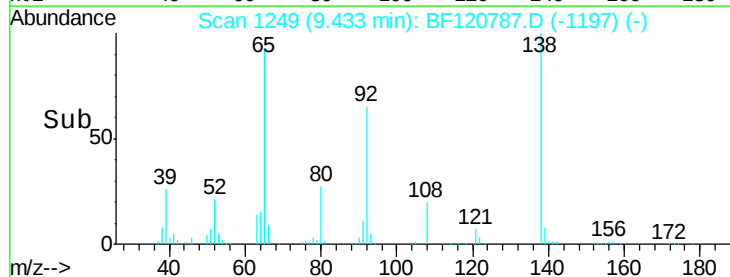
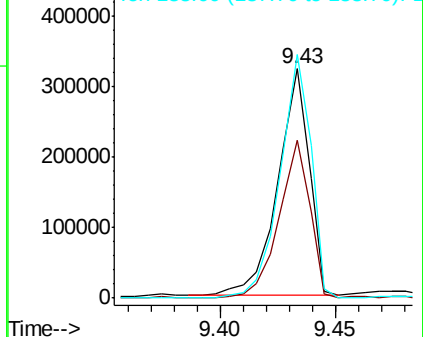


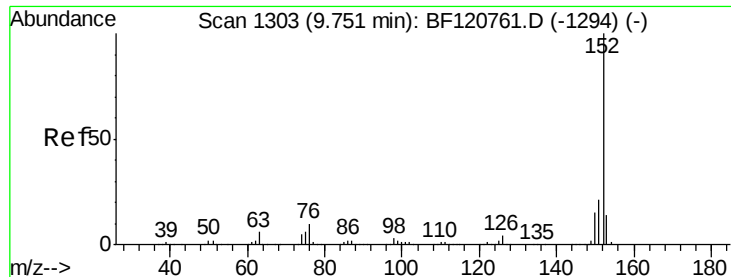
#48
2-Nitroaniline
Concen: 49.181 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion: 65 Resp: 303561
Ion Ratio Lower Upper
65 100
92 69.1 54.4 81.6
138 106.2 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: 44.450 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

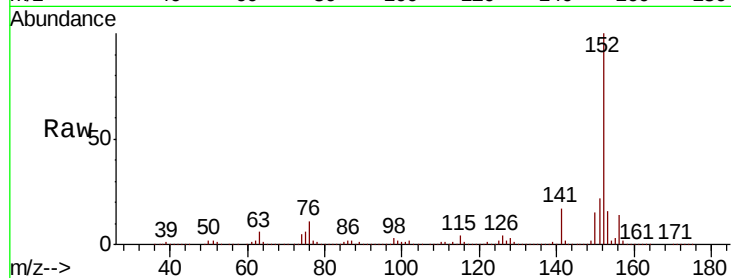
Tot Ion:152 Resp: 1434548

Ion Ratio Lower Upper

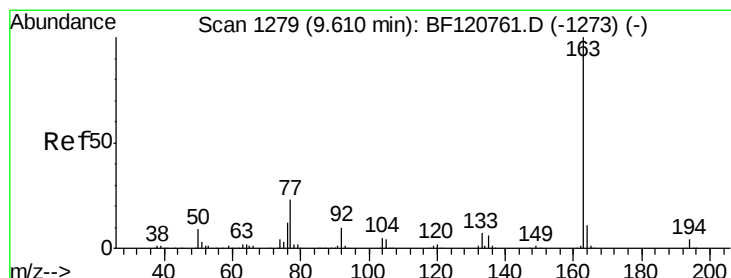
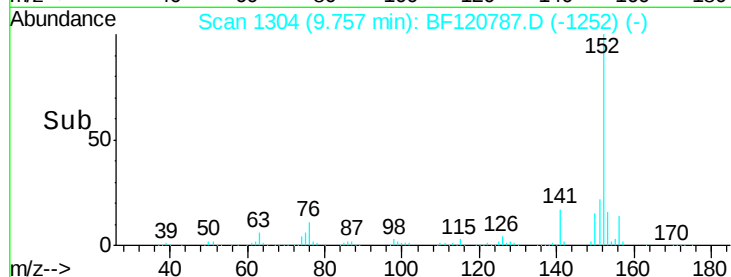
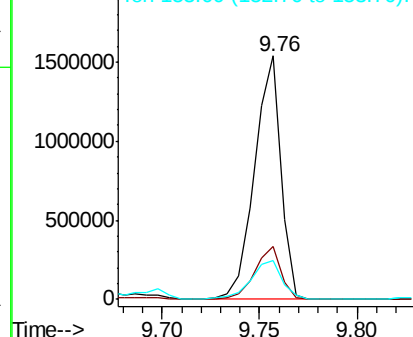
152 100

151 21.6 16.9 25.3

153 15.9 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: 52.616 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

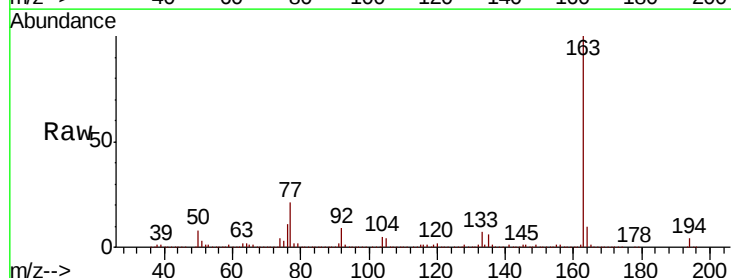
Tgt Ion:163 Resp: 1222667

Ion Ratio Lower Upper

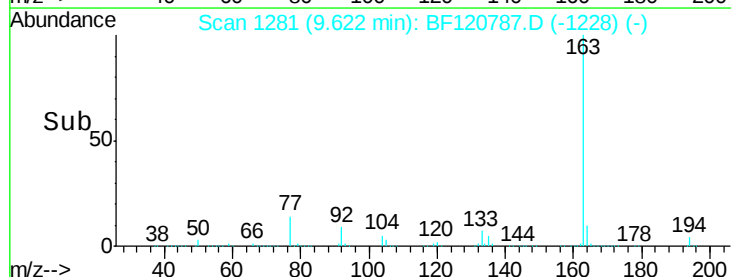
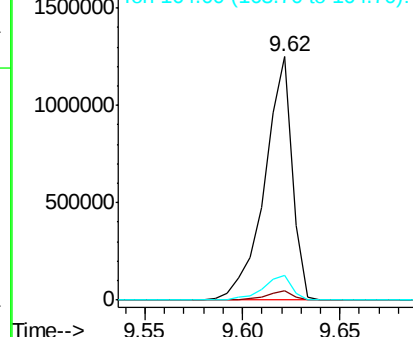
163 100

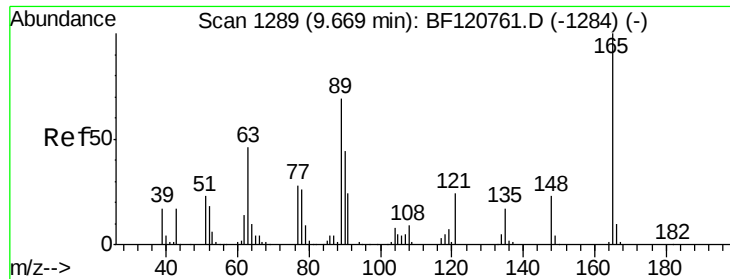
194 3.9 2.9 4.3

164 10.3 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: 49.257 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampled :

MW-14MS

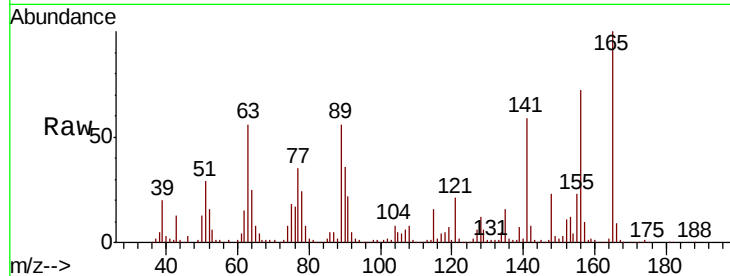
Tot Ion:165 Resp: 227767

Ion Ratio Lower Upper

165 100

63 55.7 54.0 81.0

89 55.9 55.4 83.2

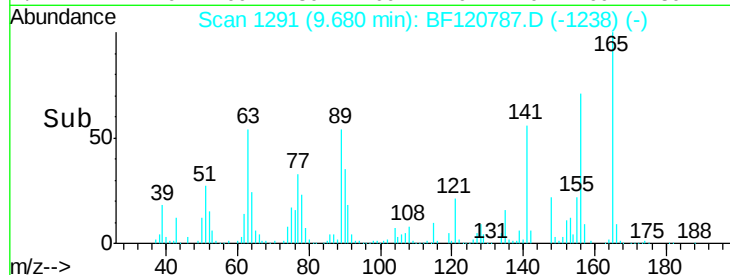


Abundance Ion 165.00 (164.70 to 165.70): E

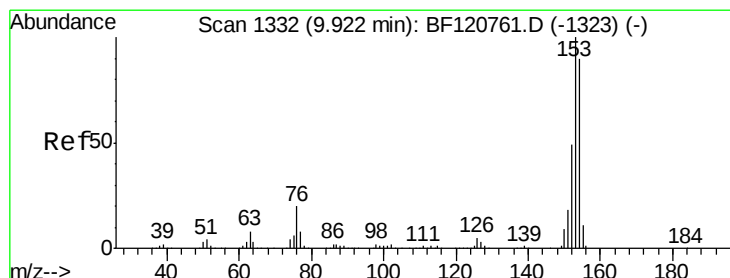
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 99.595 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

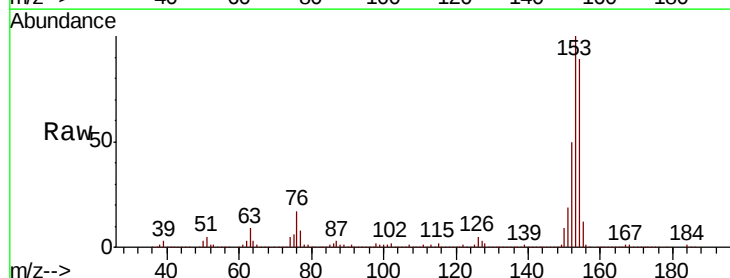
Tgt Ion:154 Resp: 1994042

Ion Ratio Lower Upper

154 100

153 112.9 88.6 132.8

152 56.9 43.6 65.4

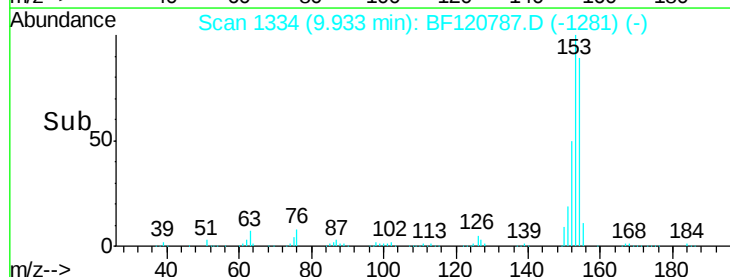


Abundance Ion 154.00 (153.70 to 154.70): E

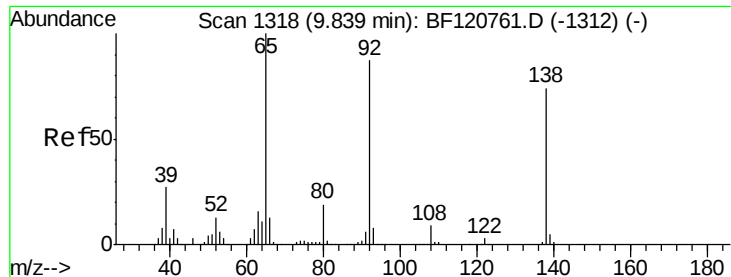
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



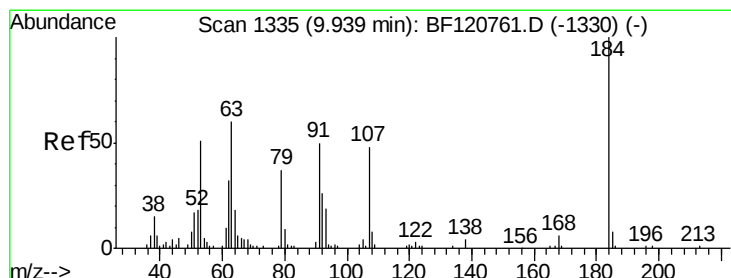
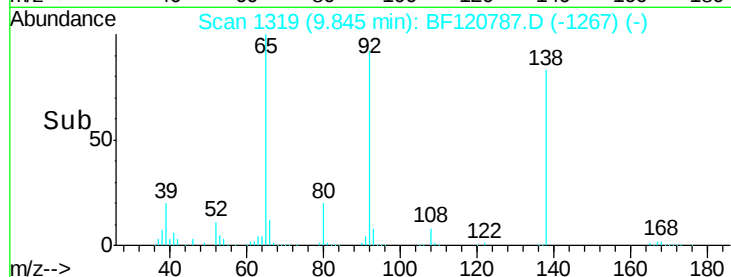
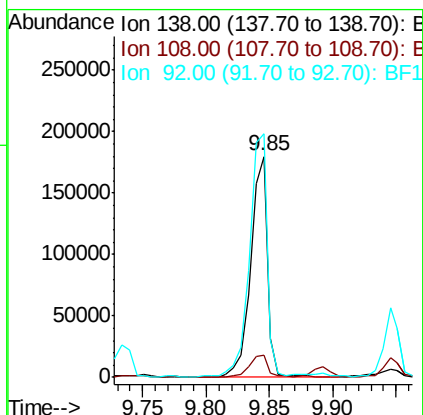
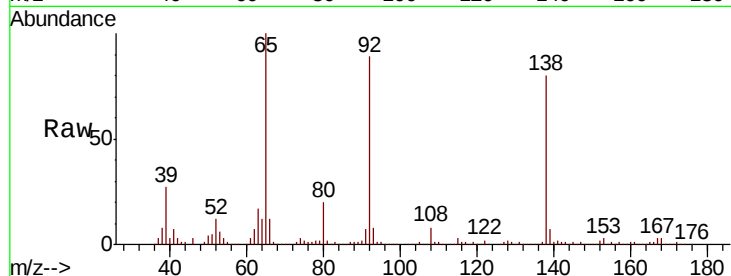
Time-->



#53
3-Nitroaniline
Concen: 30.540 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

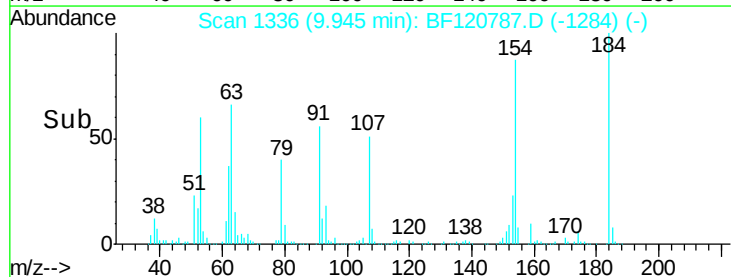
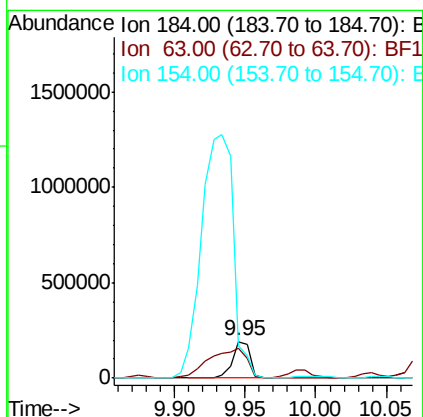
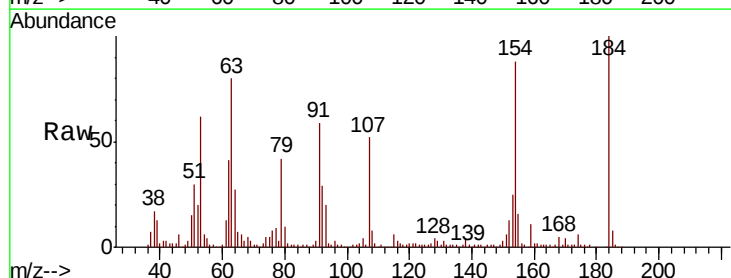
Instrument :
BNA_F
ClientSampleId :
MW-14MS

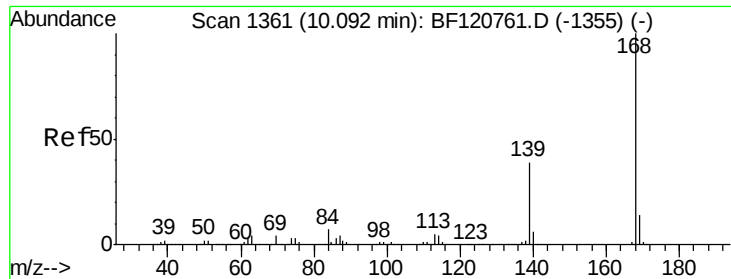
Tot Ion:138 Resp: 168316
Ion Ratio Lower Upper
138 100
108 10.2 9.8 14.6
92 110.3 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 90.971 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion:184 Resp: 167980
Ion Ratio Lower Upper
184 100
63 80.3 57.3 85.9
154 88.4 55.8 83.6#

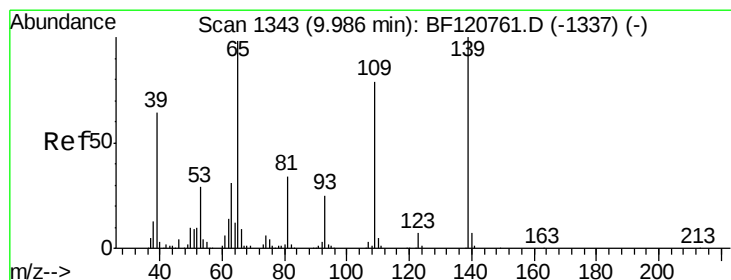
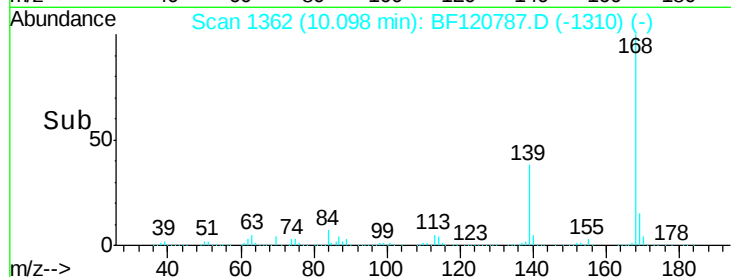
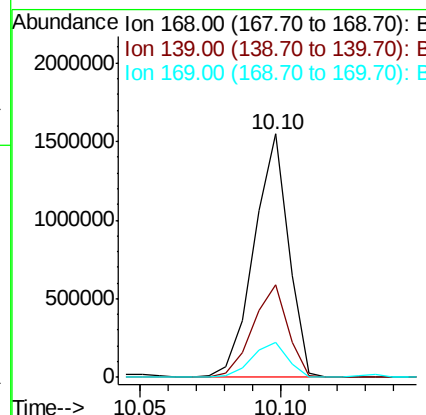
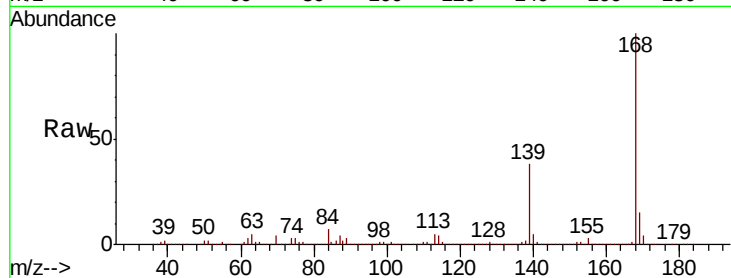




#55
Dibenzofuran
Concen: 45.457 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

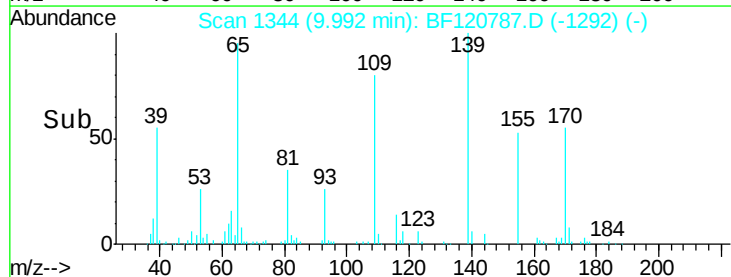
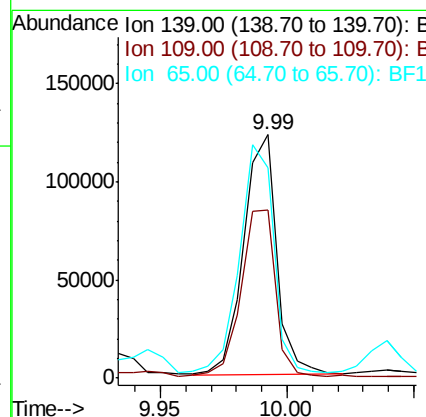
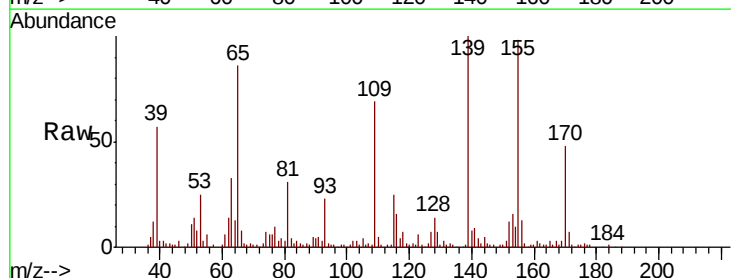
Instrument :
BNA_F
ClientSampleId :
MW-14MS

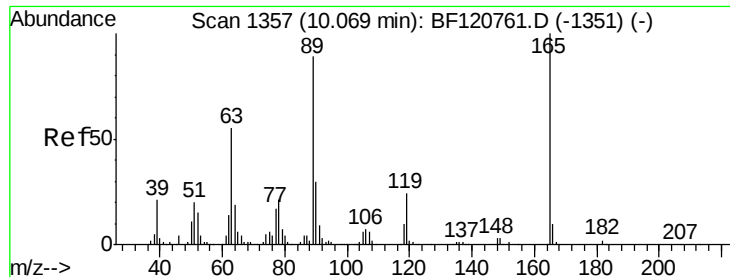
Tot Ion:168 Resp: 1311902
Ion Ratio Lower Upper
168 100
139 38.0 31.3 46.9
169 14.6 11.2 16.8



#56
4-Nitrophenol
Concen: 27.545 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion:139 Resp: 111386
Ion Ratio Lower Upper
139 100
109 68.9 58.6 98.6
65 86.4 78.7 118.7

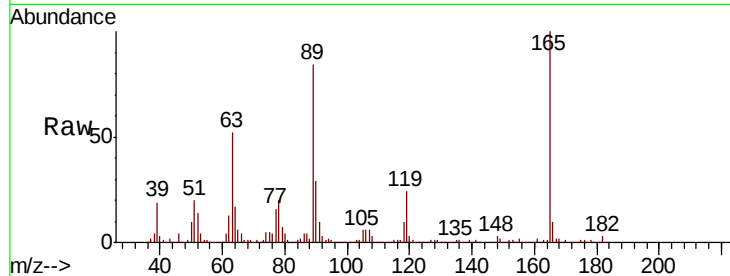




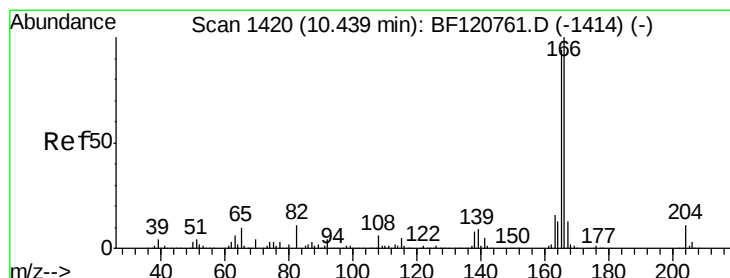
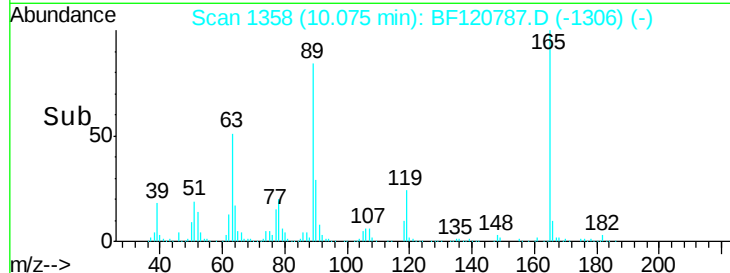
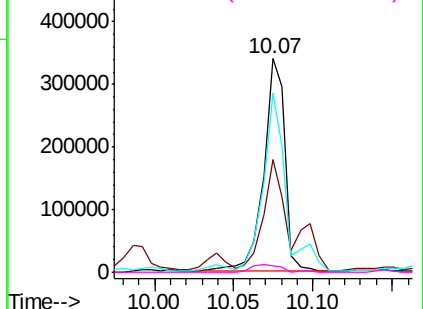
#57
 2,4-Dinitrotoluene
 Concen: 55.570 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleID :
 MW-14MS

Tot Ion:165 Resp: 322651
 Ion Ratio Lower Upper
 165 100
 63 52.5 43.8 65.8
 89 84.1 71.4 107.2
 182 3.0 1.8 2.6#

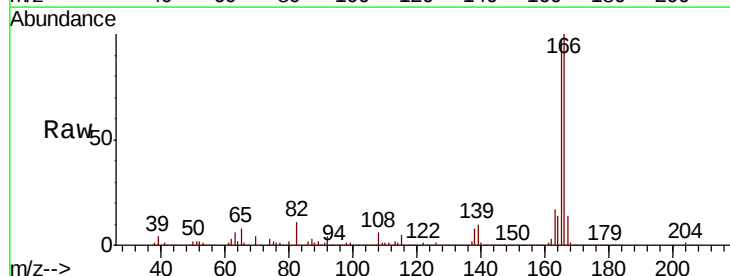


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

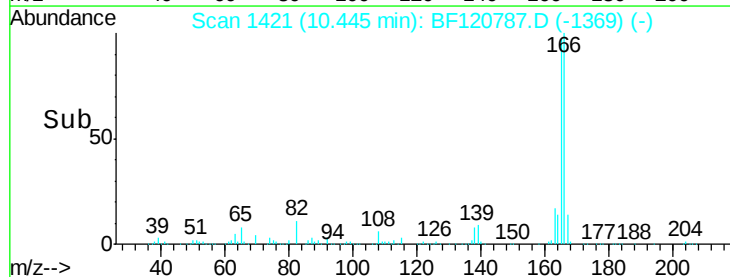
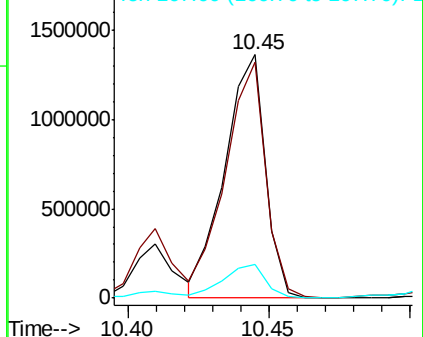


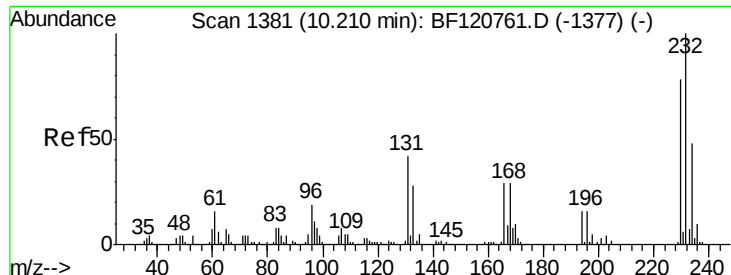
#58
 Fluorene
 Concen: 63.418 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Tgt Ion:166 Resp: 1362312
 Ion Ratio Lower Upper
 166 100
 165 96.8 75.5 113.3
 167 14.0 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

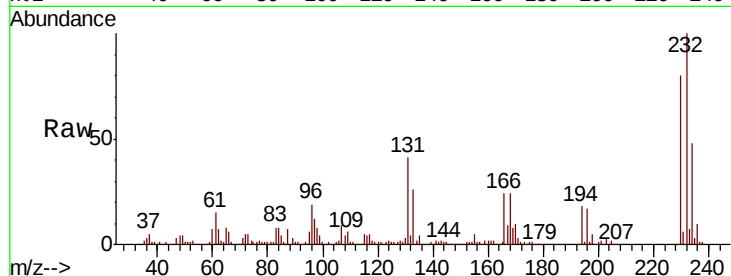




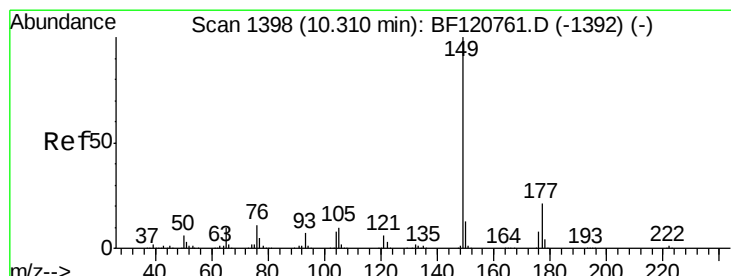
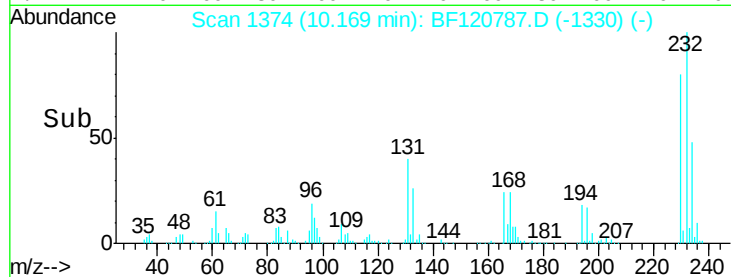
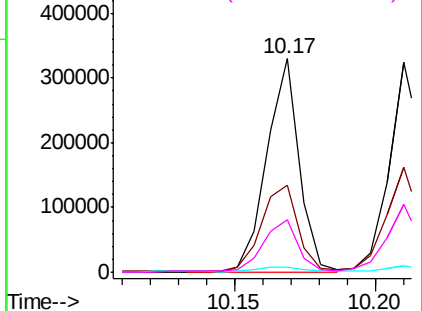
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.550 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.04 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-14MS

Tot Ion:232 Resp: 263030
 Ion Ratio Lower Upper
 232 100
 131 45.8 36.3 54.5
 130 2.6 2.0 3.0
 166 26.7 20.9 31.3

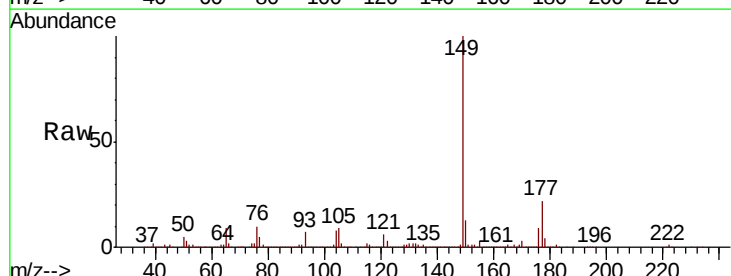


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

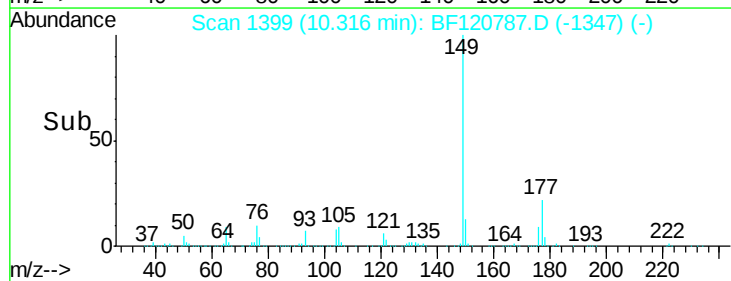
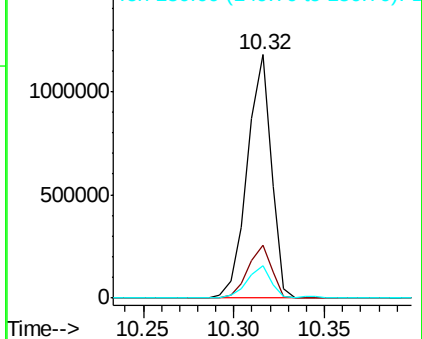


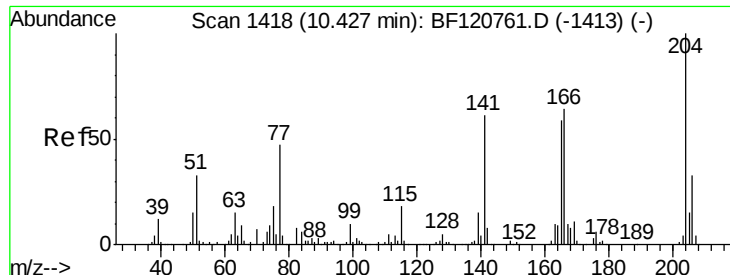
#60
 Diethylphthalate
 Concen: 44.953 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Tgt Ion:149 Resp: 1088154
 Ion Ratio Lower Upper
 149 100
 177 21.8 16.4 24.6
 150 13.1 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

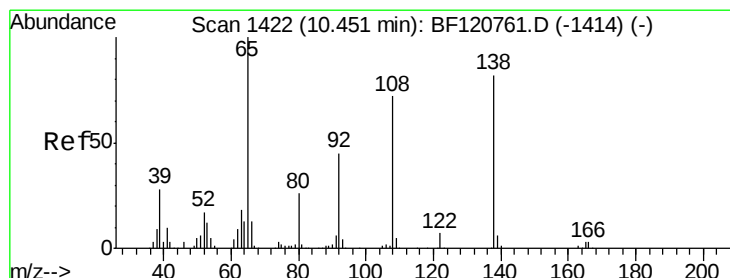
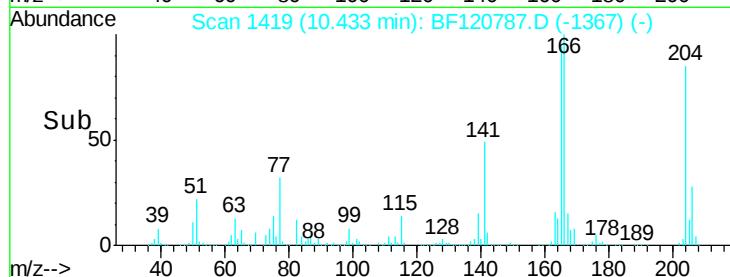
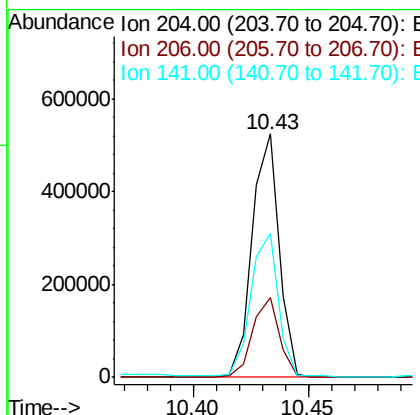
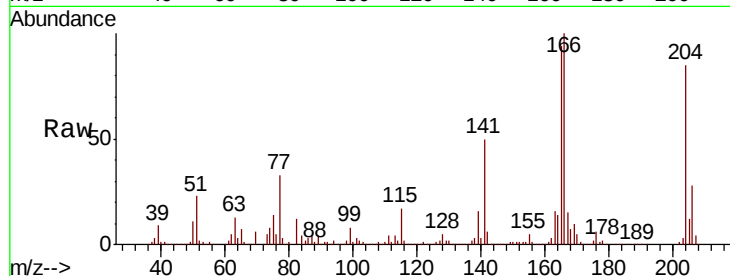




#61
4-Chlorophenyl-phenylether
Concen: 39.924 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

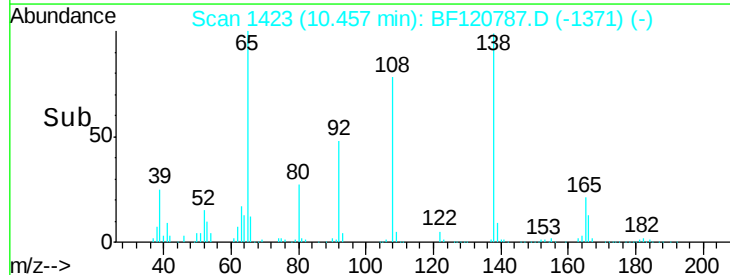
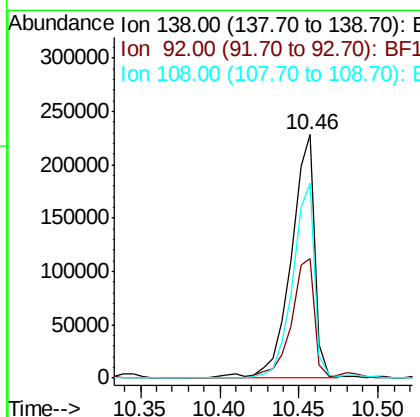
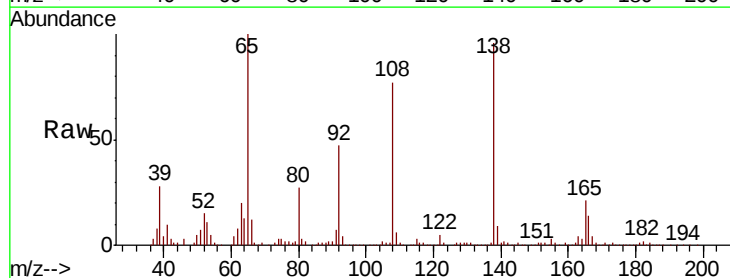
Instrument :
BNA_F
ClientSampleId :
MW-14MS

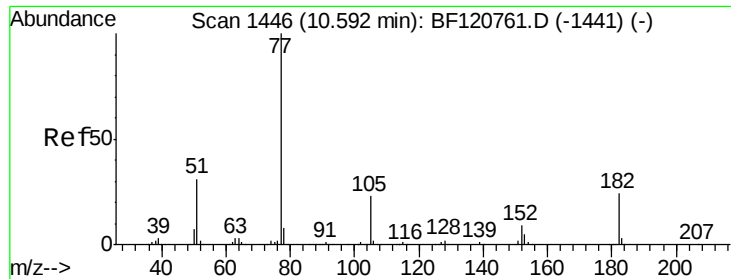
Tot Ion:204 Resp: 431131
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 59.2 48.5 72.7



#62
4-Nitroaniline
Concen: 47.511 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion:138 Resp: 234571
Ion Ratio Lower Upper
138 100
92 49.0 34.3 74.3
108 79.9 68.3 108.3

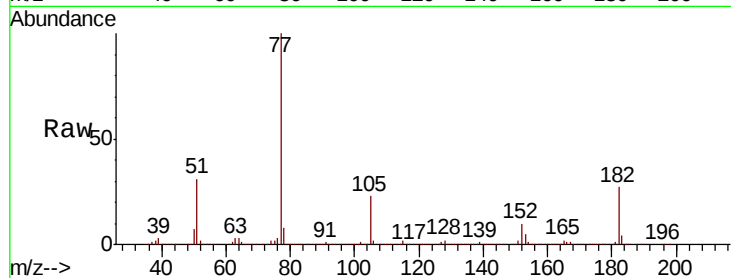




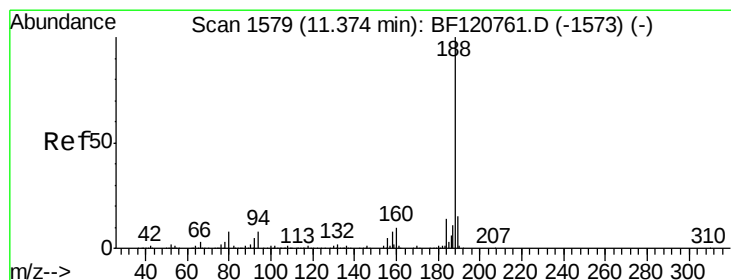
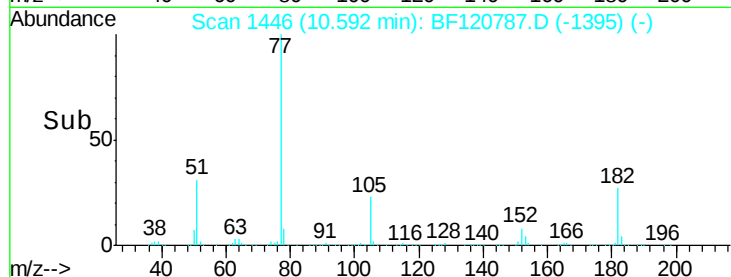
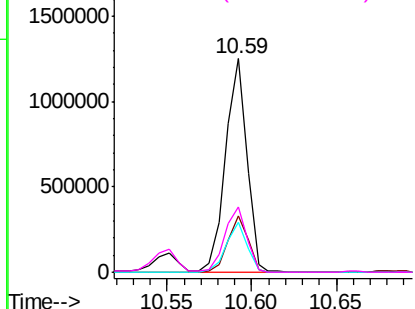
#63
Azobenzene
Concen: 44.010 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
MW-14MS

Tot Ion: 77 Resp: 1089780
Ion Ratio Lower Upper
77 100
182 26.6 4.0 44.0
105 23.3 2.6 42.6
51 30.8 11.5 51.5

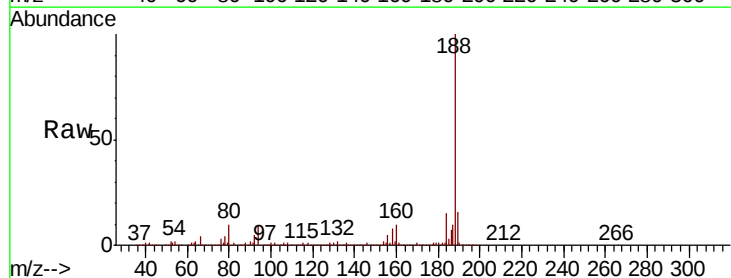


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

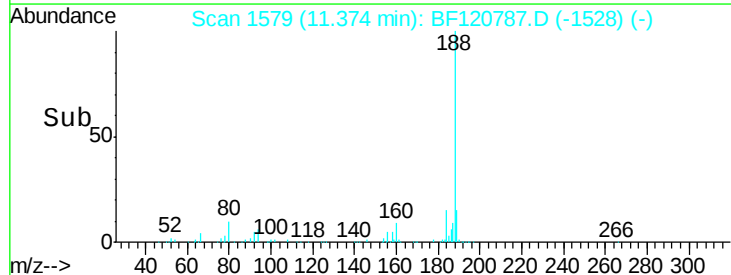
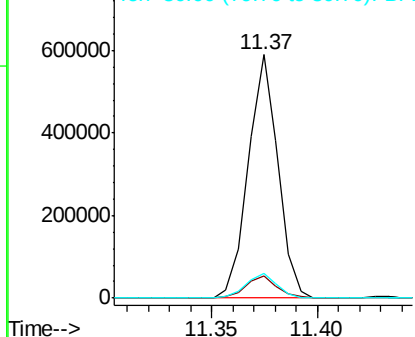


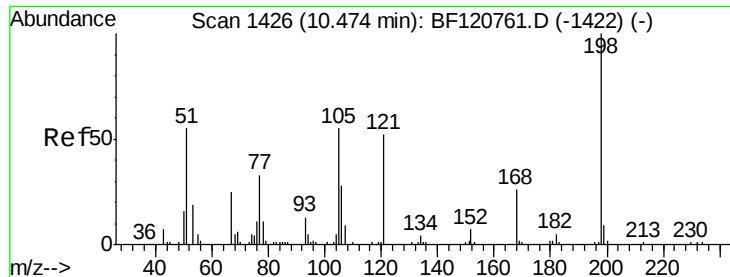
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion: 188 Resp: 574147
Ion Ratio Lower Upper
188 100
94 9.3 6.6 9.8
80 10.2 6.6 10.0#



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

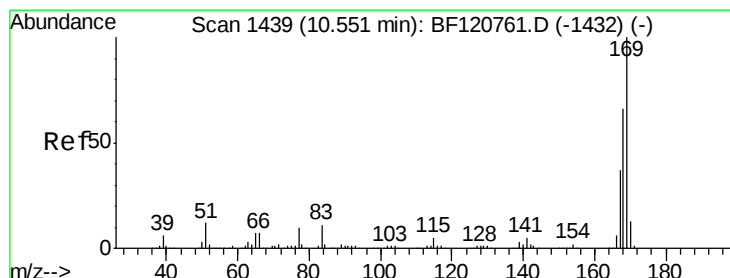
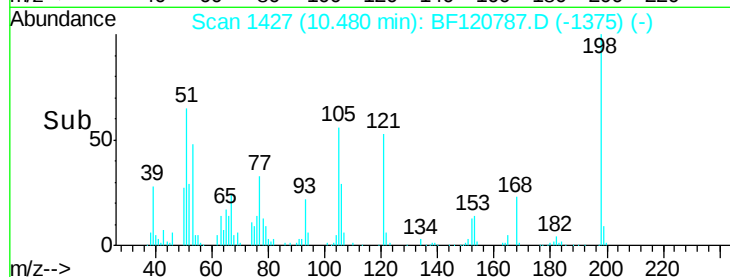
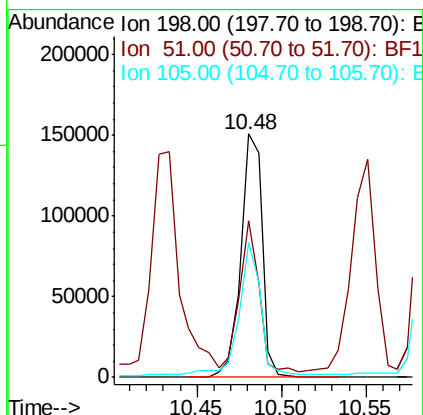
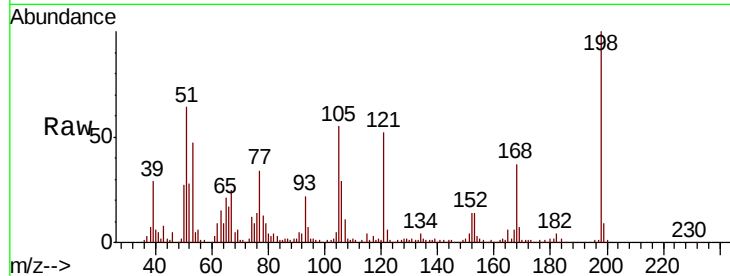




#65
4,6-Dinitro-2-methylphenol
Concen: 53.878 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

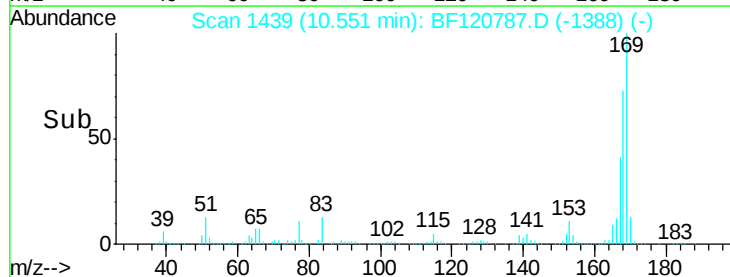
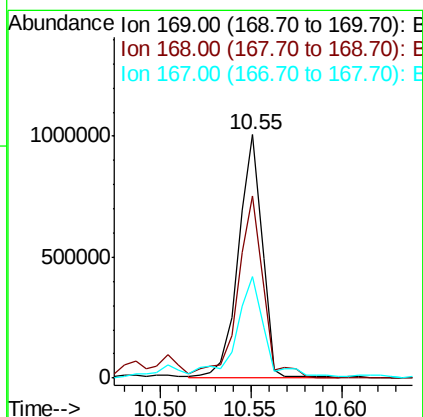
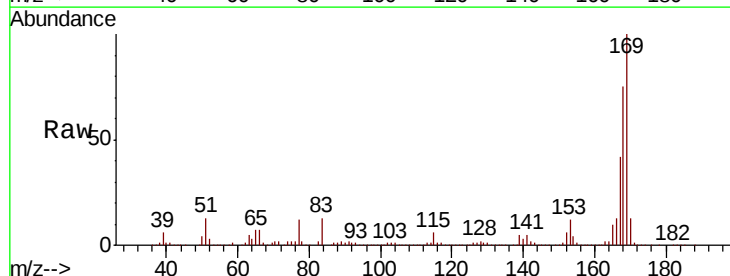
Instrument :
BNA_F
ClientSampleId :
MW-14MS

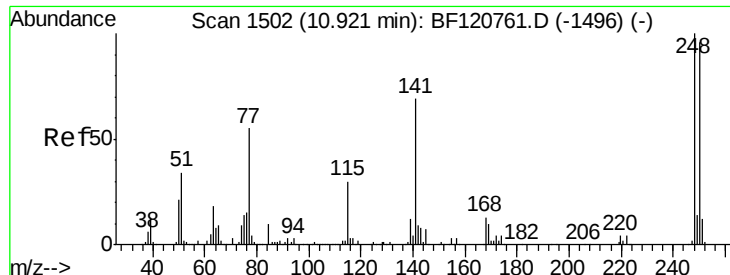
Tot Ion:198 Resp: 132509
Ion Ratio Lower Upper
198 100
51 64.3 50.0 90.0
105 55.5 38.3 78.3



#66
n-Nitrosodiphenylamine
Concen: 47.030 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion:169 Resp: 905046
Ion Ratio Lower Upper
169 100
168 74.6 53.1 79.7
167 41.6 29.6 44.4

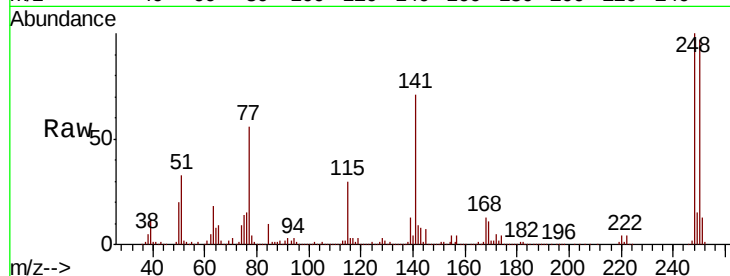




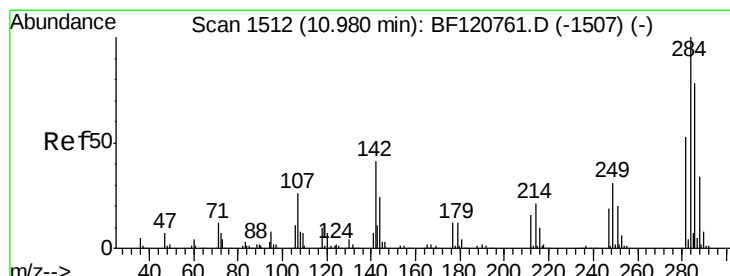
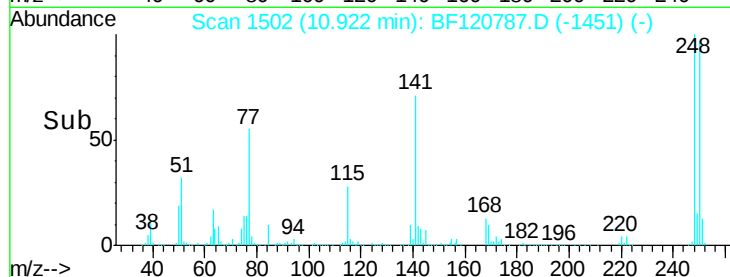
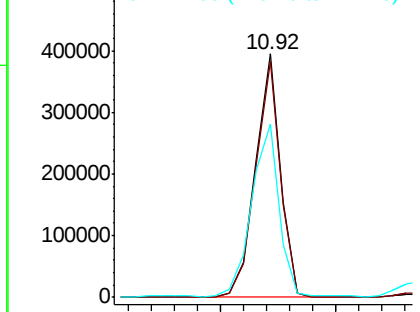
#67
 4-Bromophenyl-phenylether
 Concen: 44.931 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampled :
 MW-14MS

Tot Ion:248 Resp: 299249
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.5 114.7
 141 71.0 54.9 82.3

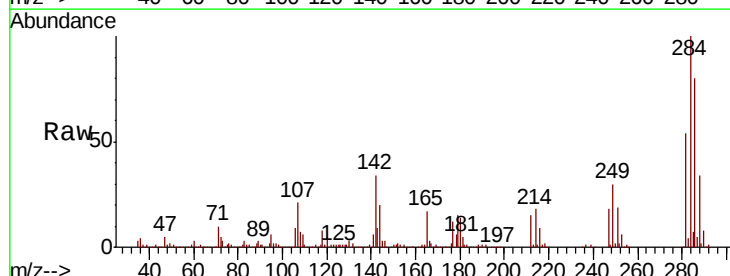


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

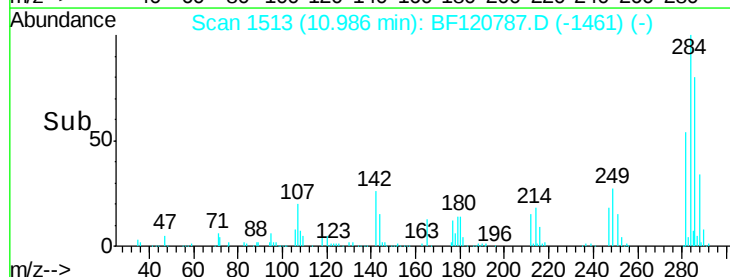
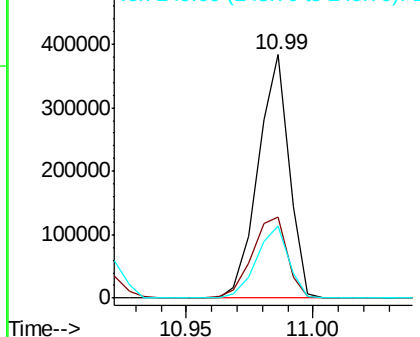


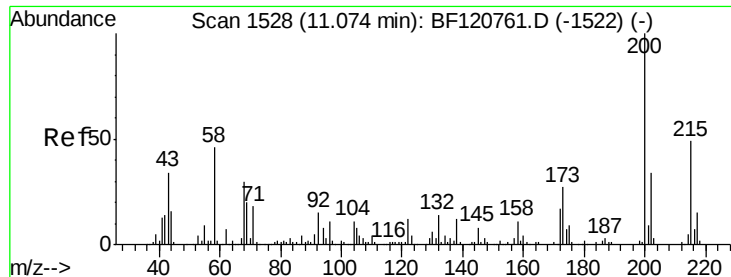
#68
 Hexachlorobenzene
 Concen: 47.046 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Tgt Ion:284 Resp: 328792
 Ion Ratio Lower Upper
 284 100
 142 33.5 32.5 48.7
 249 29.6 24.8 37.2



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





#69

Atrazine

Concen: 43.671 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

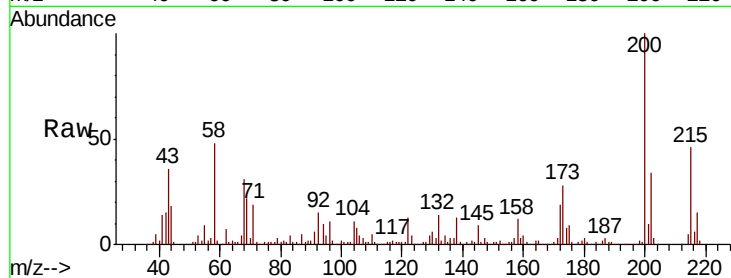
Tot Ion:200 Resp: 216506

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

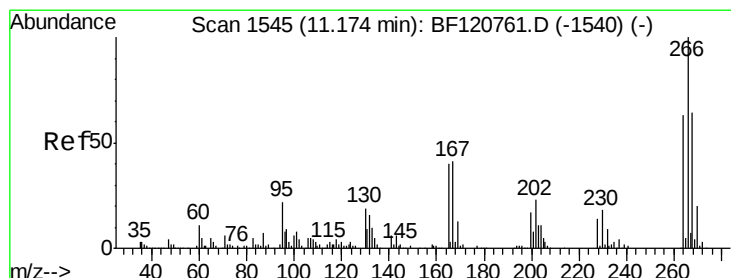
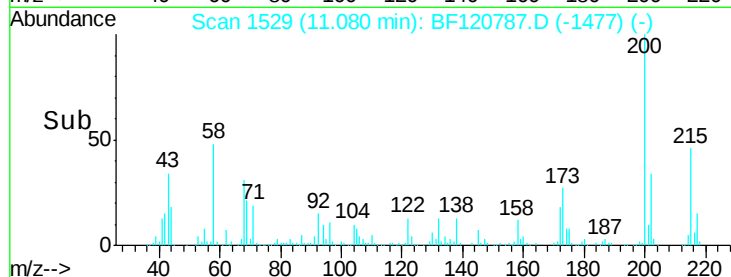
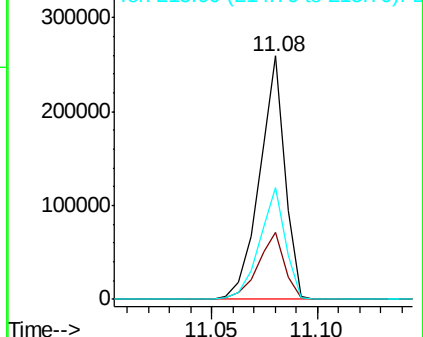
215 45.9 28.8 68.8



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: 98.686 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

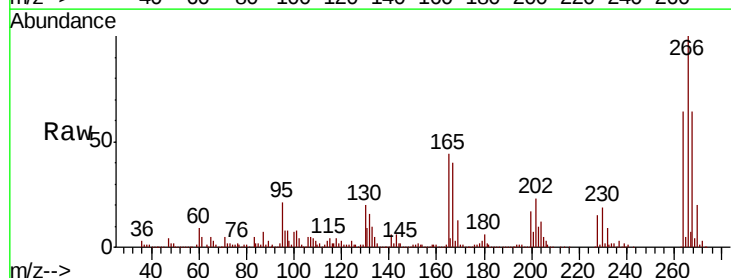
Tgt Ion:266 Resp: 390214

Ion Ratio Lower Upper

266 100

268 63.8 51.4 77.2

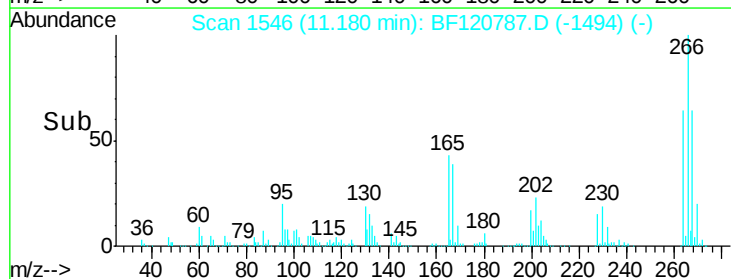
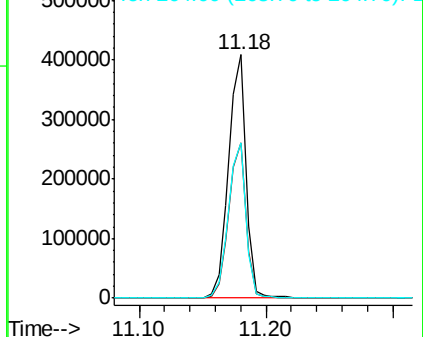
264 64.0 50.6 75.8

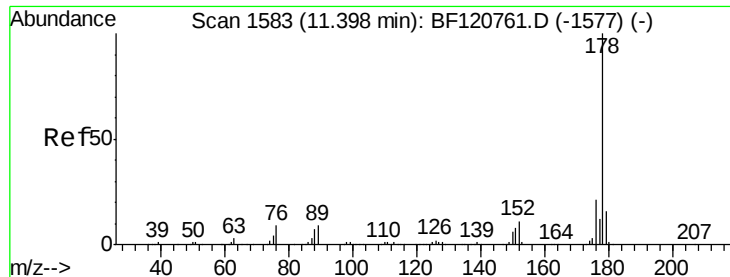


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

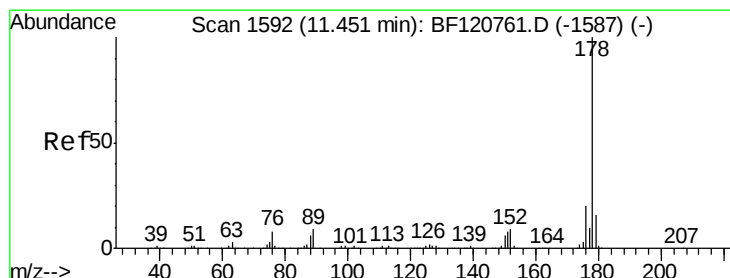
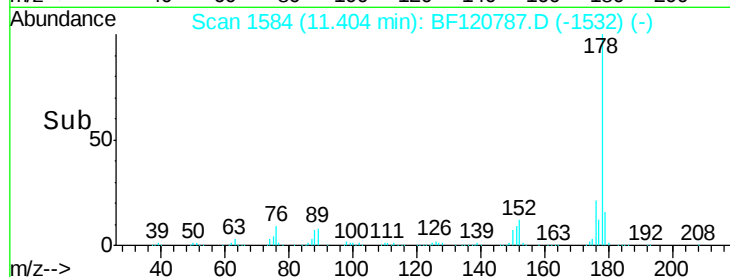
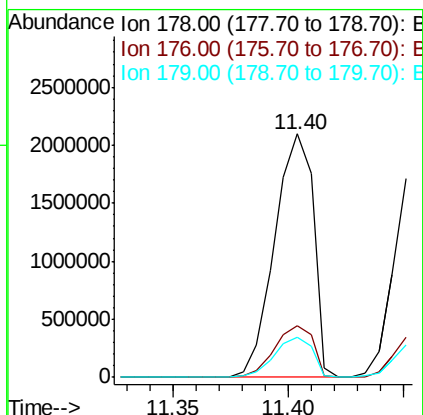
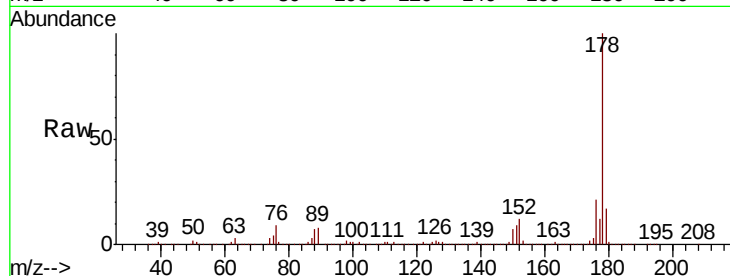




#71
Phenanthrene
Concen: 78.402 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

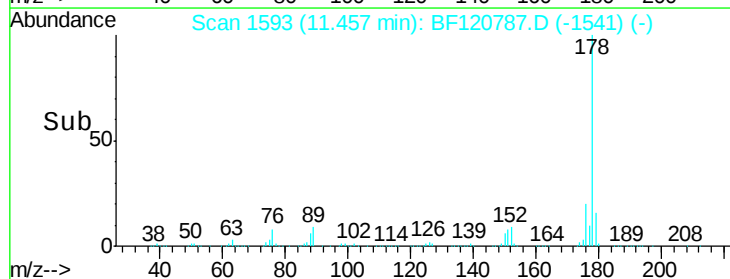
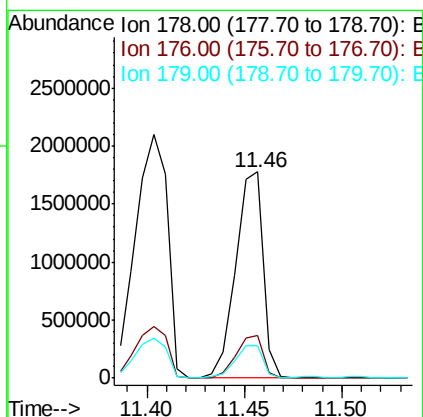
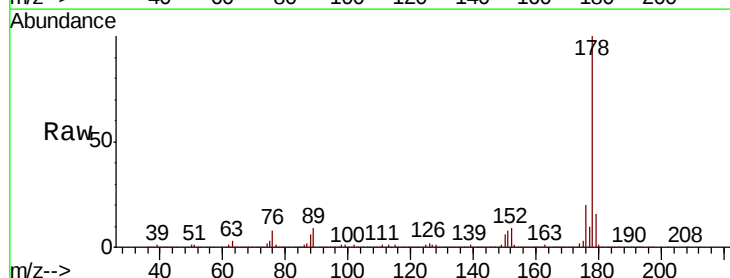
Instrument :
BNA_F
ClientSampleId :
MW-14MS

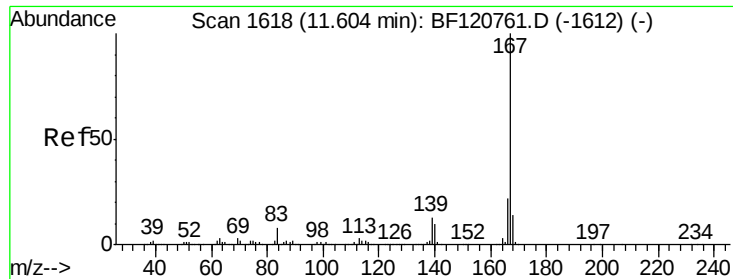
Tot Ion:178 Resp: 2442404
Ion Ratio Lower Upper
178 100
176 21.4 16.4 24.6
179 16.6 12.9 19.3



#72
Anthracene
Concen: 54.870 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion:178 Resp: 1727300
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 16.0 12.7 19.1



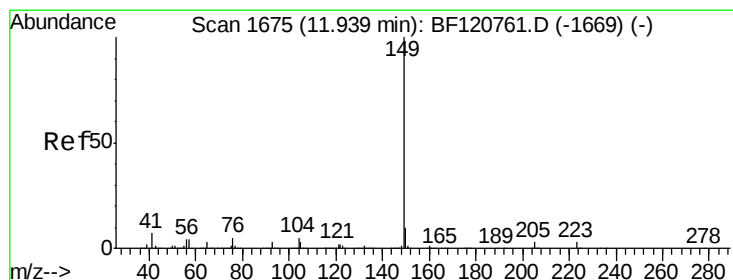
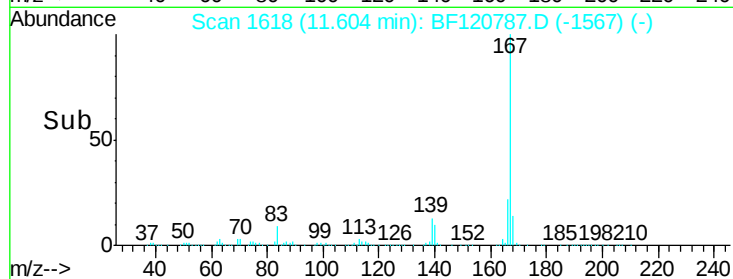
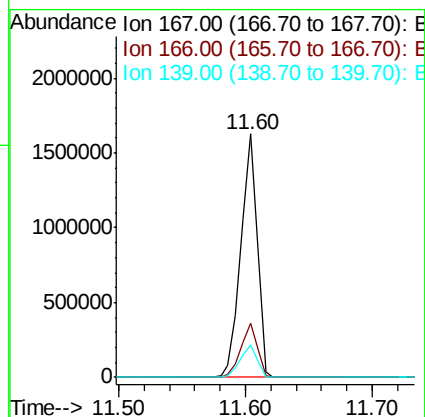
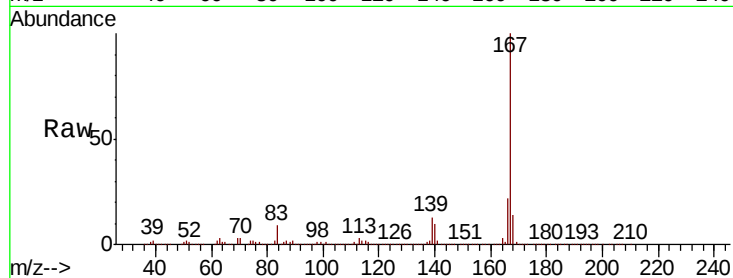


#73
 Carbazole
 Concen: 47.437 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-14MS

Tot Ion:167 Resp: 1435028

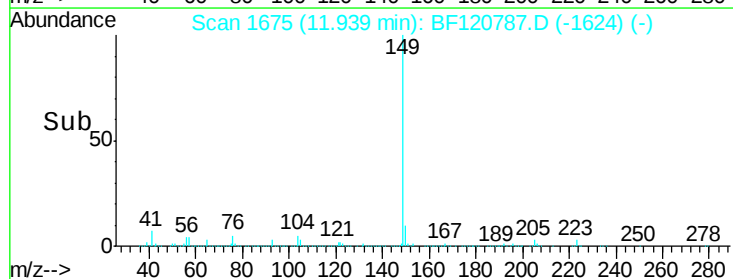
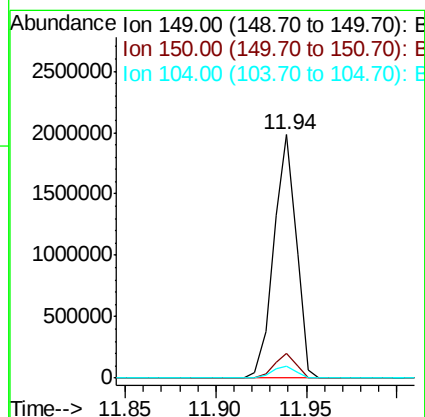
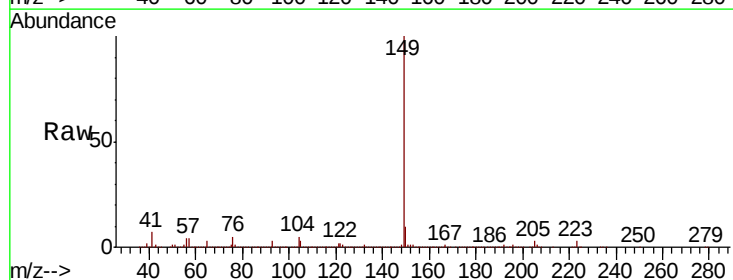
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	13.4	10.7	16.1

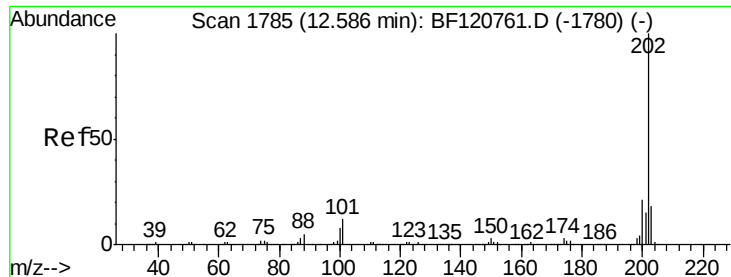


#74
 Di-n-butylphthalate
 Concen: 45.403 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Tgt Ion:149 Resp: 1700470

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 50.160 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

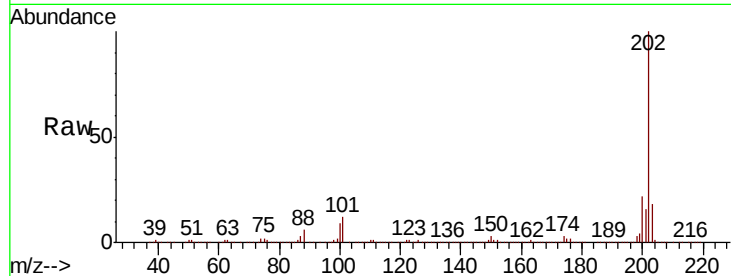
Tot Ion:202 Resp: 1664598

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.6

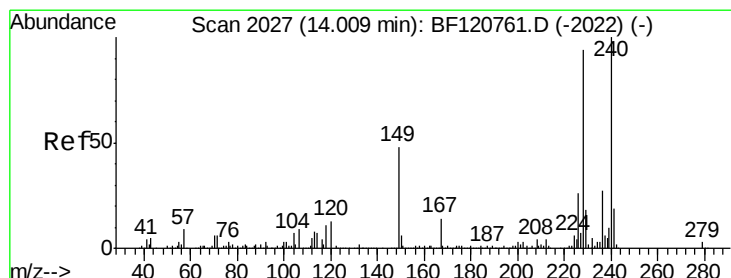
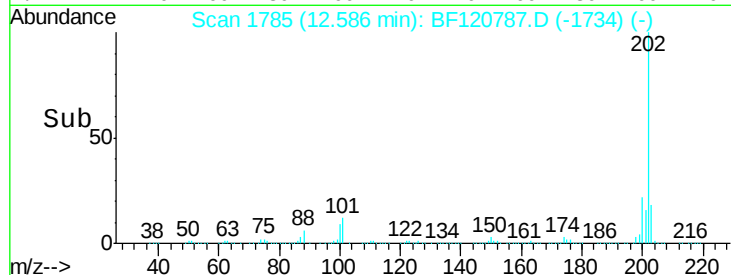
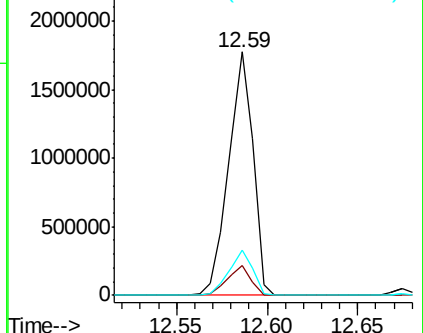
203 18.3 0.0 38.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

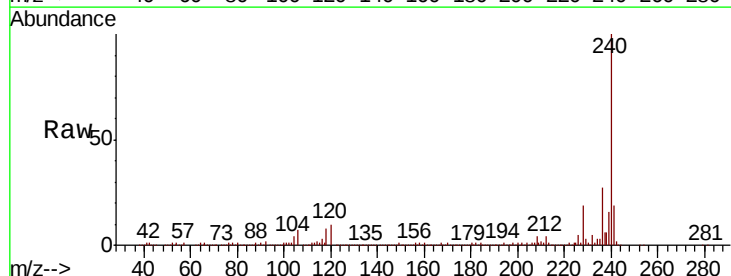
Tgt Ion:240 Resp: 426186

Ion Ratio Lower Upper

240 100

120 10.1 10.3 15.5#

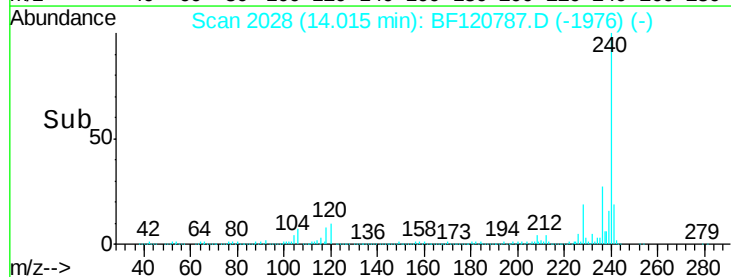
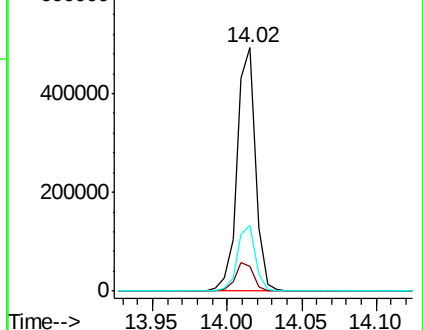
236 27.1 21.4 32.2

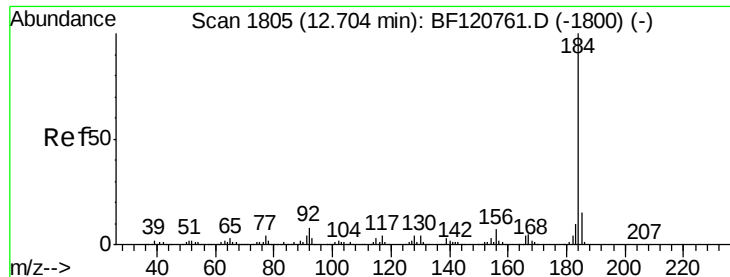


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.094 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

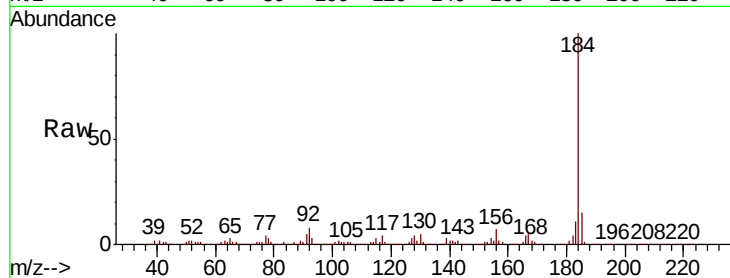
Tot Ion:184 Resp: 494344

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.8

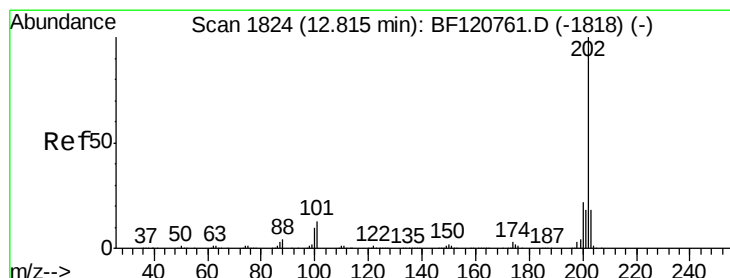
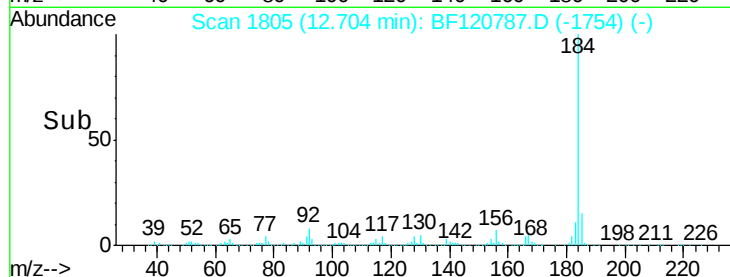
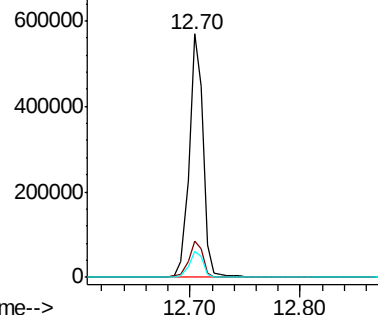
183 10.8 8.3 12.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.640 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

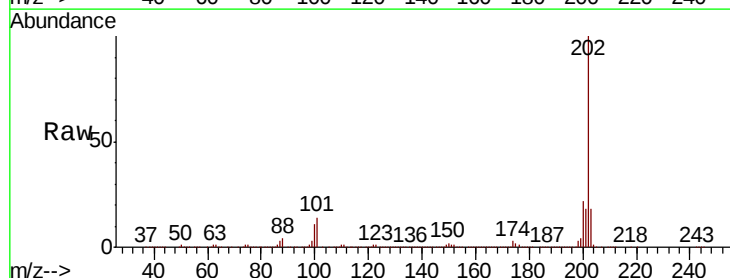
Tgt Ion:202 Resp: 1757720

Ion Ratio Lower Upper

202 100

200 22.4 17.3 25.9

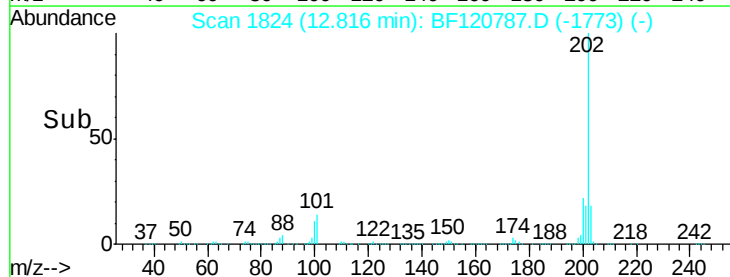
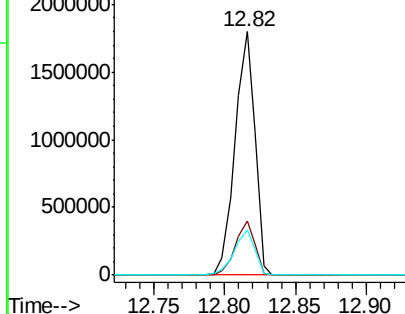
203 18.5 14.6 22.0

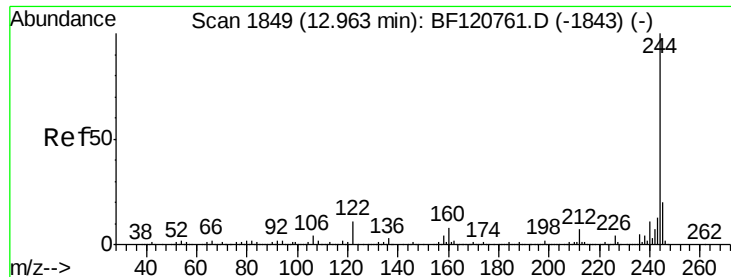


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.856 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

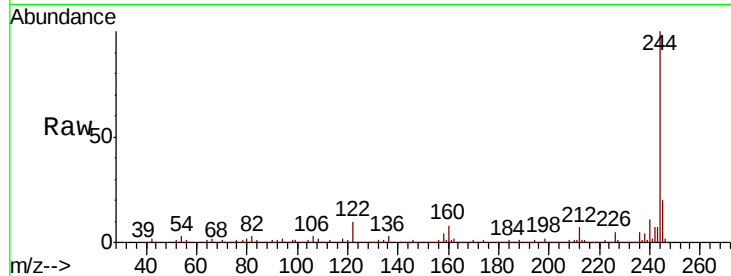
BNA_F

ClientSampleId :

MW-14MS

Tot Ion:244 Resp: 2086568

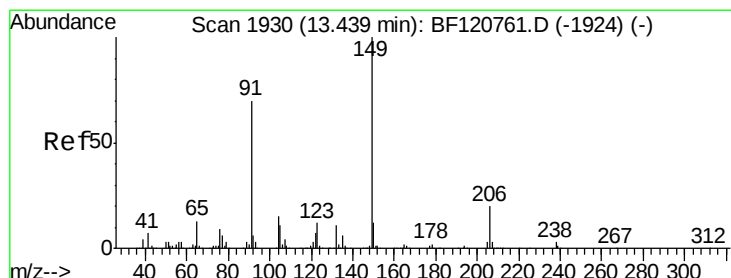
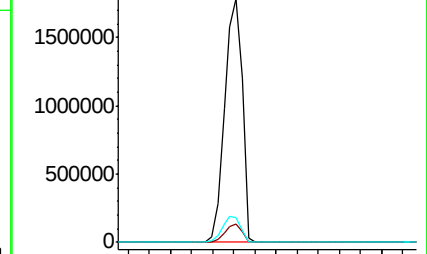
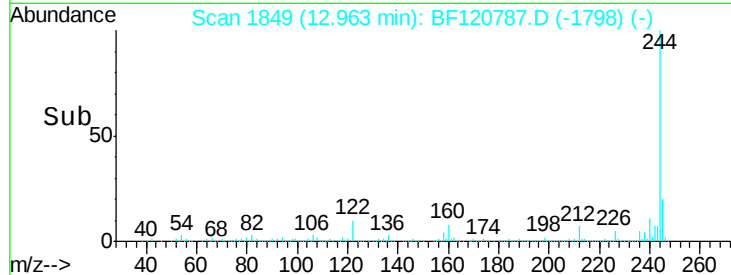
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	10.4	9.0	13.4



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: 48.887 ng

RT: 13.44 min Scan# 1930

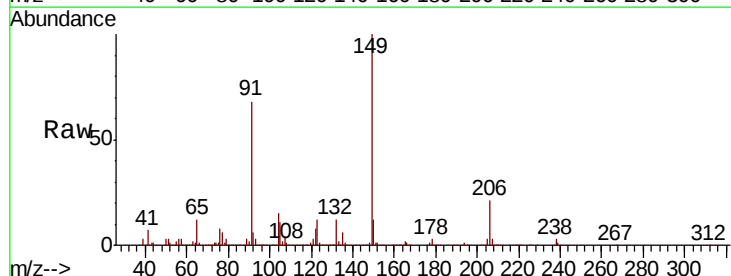
Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Tgt Ion:149 Resp: 718410

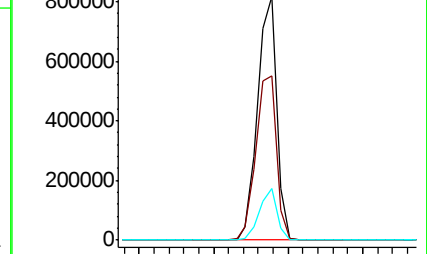
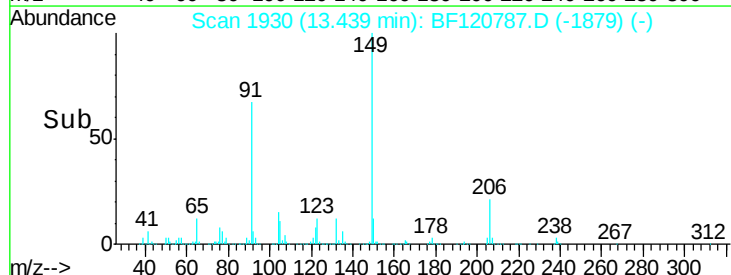
Ion	Ratio	Lower	Upper
149	100		
91	67.5	55.8	83.8
206	21.0	15.7	23.5

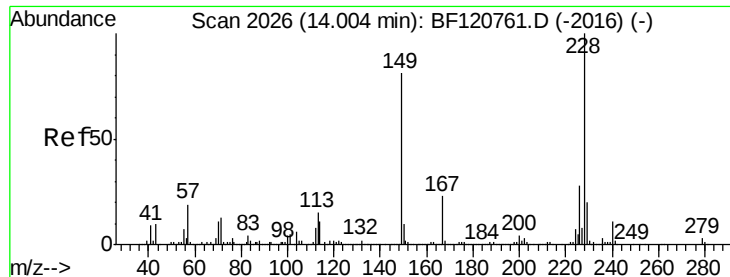


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.758 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

Instrument :

BNA_F

ClientSampleId :

MW-14MS

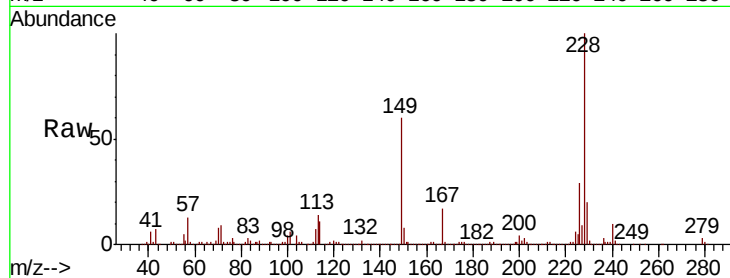
Tot Ion:228 Resp: 1250059

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

229 20.2 15.8 23.6

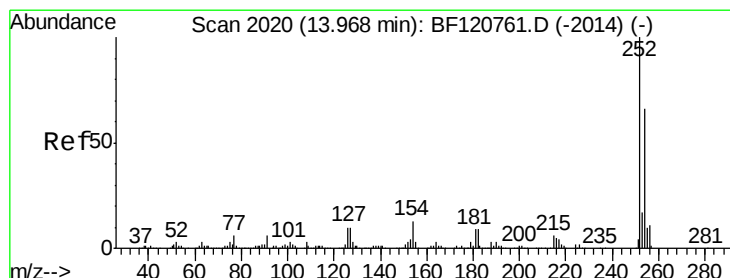
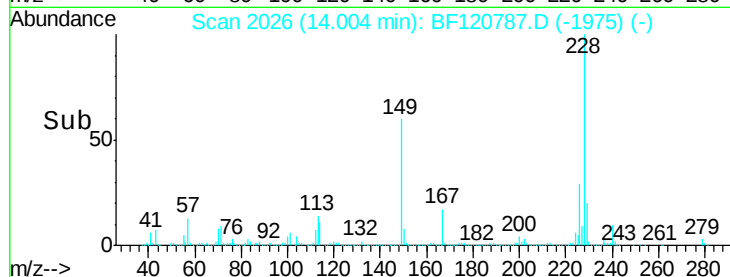
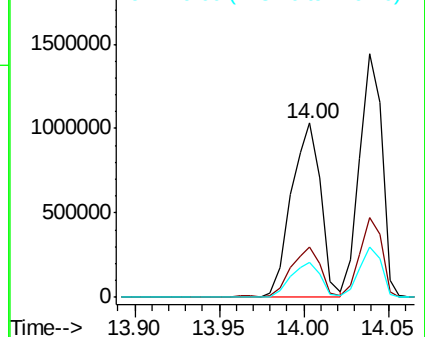


Abundance

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: 42.404 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120787.D

Acq: 7 Jul 2020 15:08

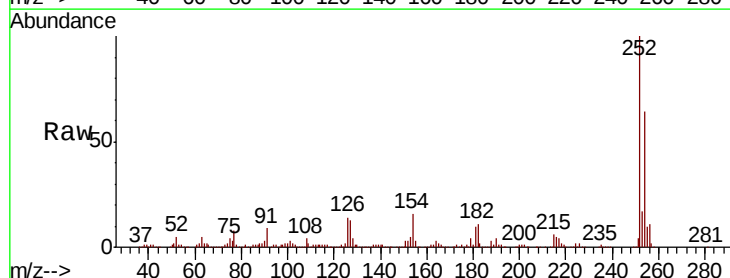
Tgt Ion:252 Resp: 390937

Ion Ratio Lower Upper

252 100

254 64.1 52.6 78.8

126 13.6 7.8 11.8#

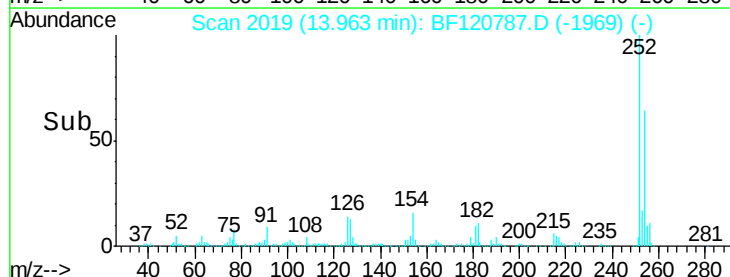
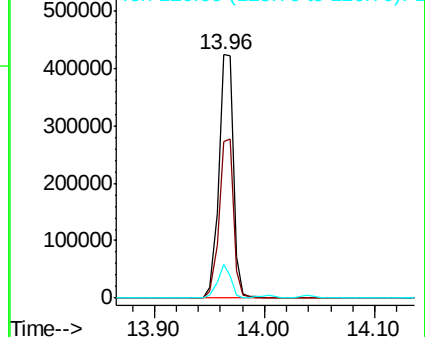


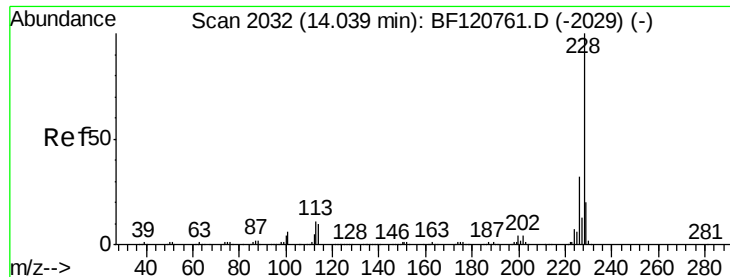
Abundance

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

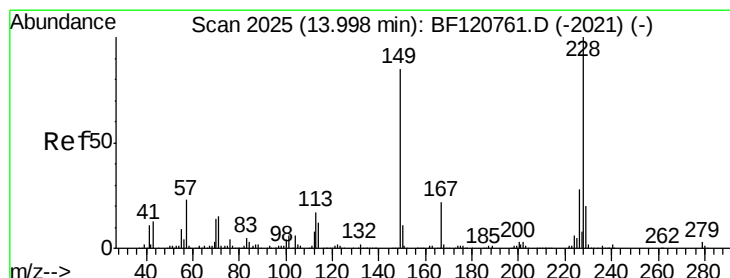
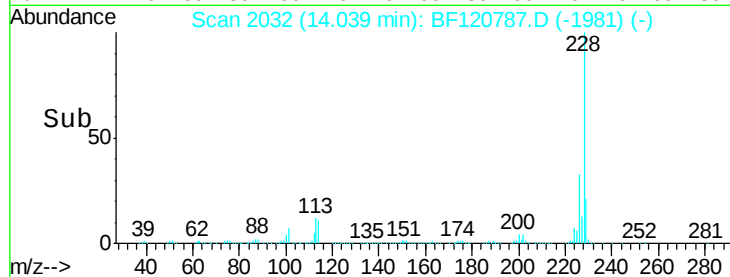
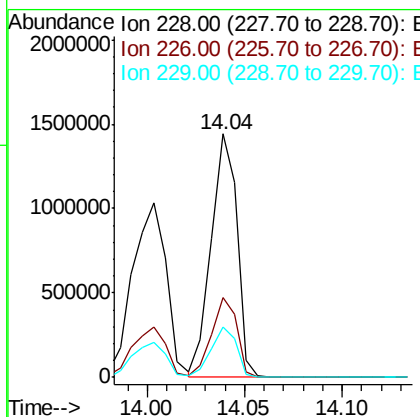
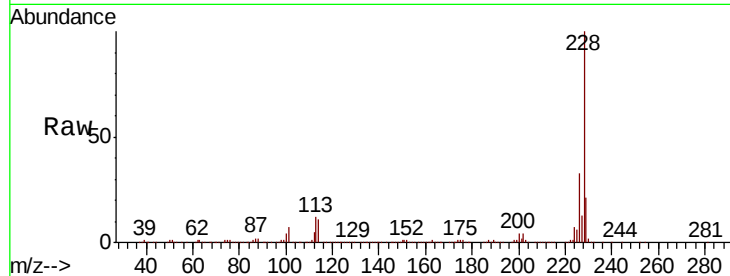




#83
 Chrvsene
 Concen: 47.552 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

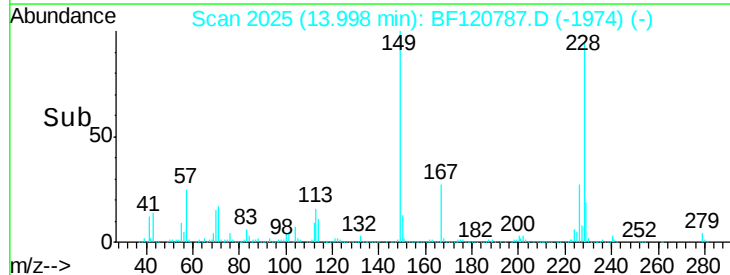
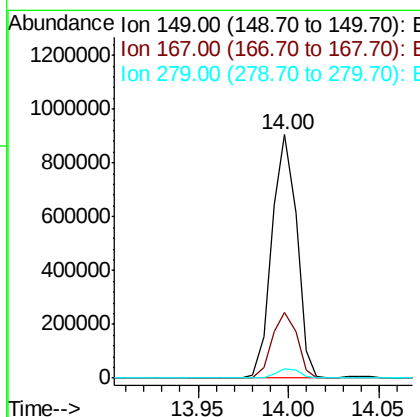
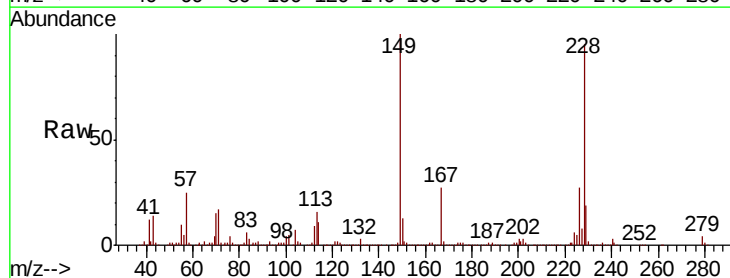
Instrument :
 BNA_F
 ClientSampleId :
 MW-14MS

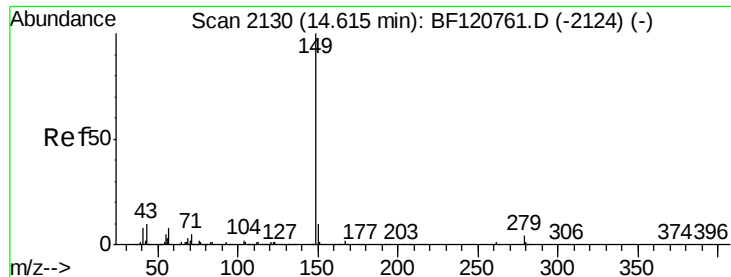
Tot Ion:228 Resp: 1325098
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.7 38.5
 229 20.8 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.833 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Tgt Ion:149 Resp: 863948
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.9 31.3
 279 3.9 2.6 4.0

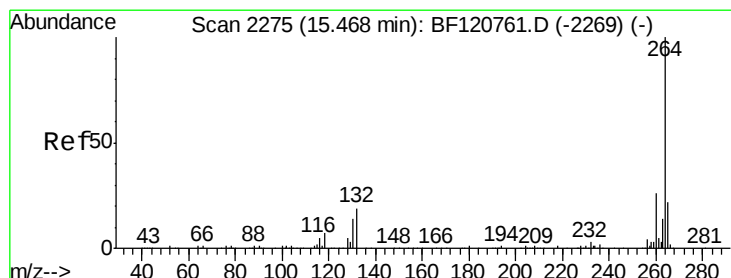
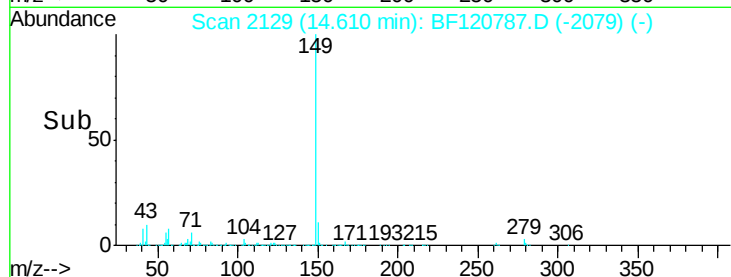
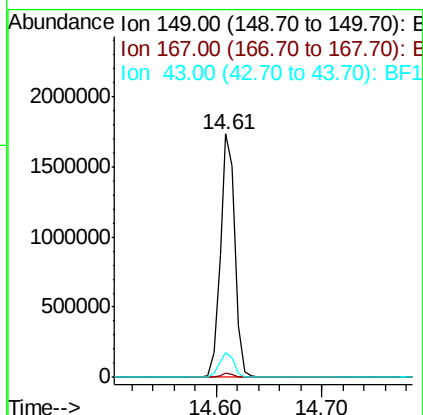
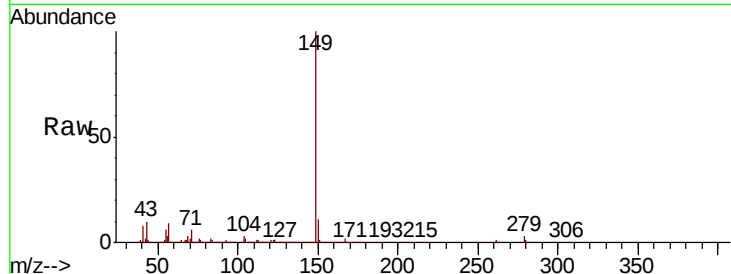




#85
Di-n-octyl phthalate
Concen: 49.081 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

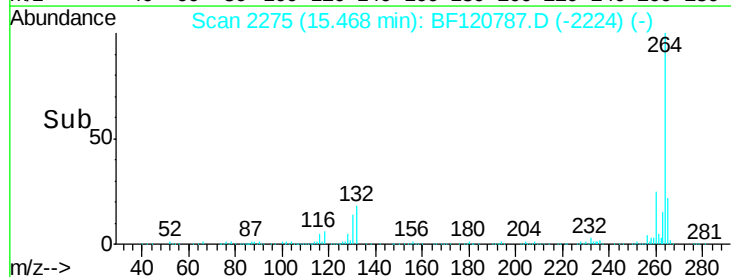
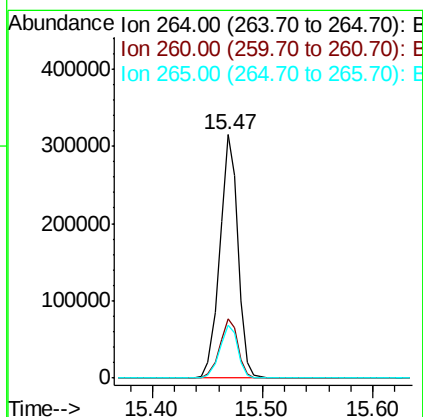
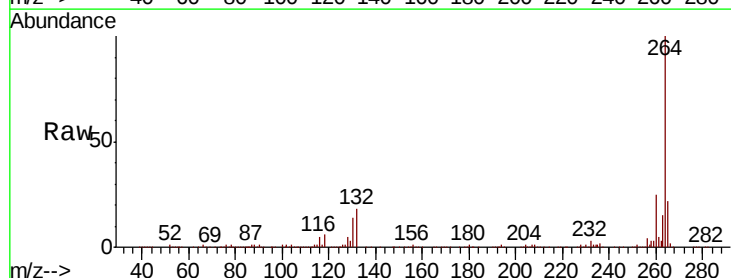
Instrument :
BNA_F
ClientSampleId :
MW-14MS

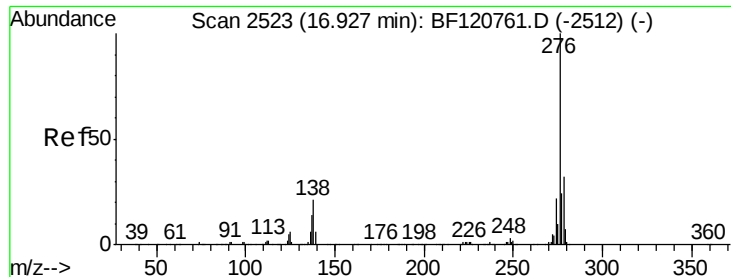
Tot Ion:149 Resp: 1673268
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion:264 Resp: 360178
Ion Ratio Lower Upper
264 100
260 24.6 20.6 30.8
265 21.5 17.6 26.4

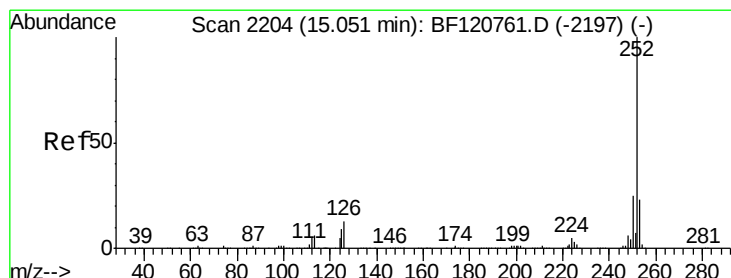
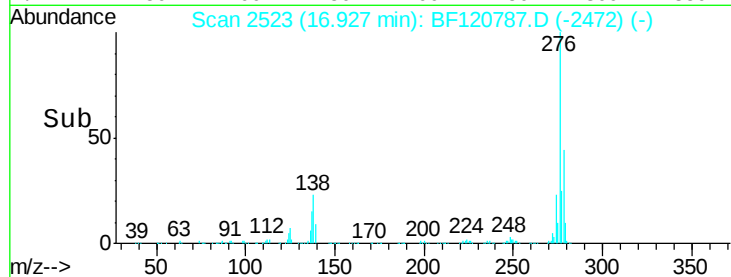
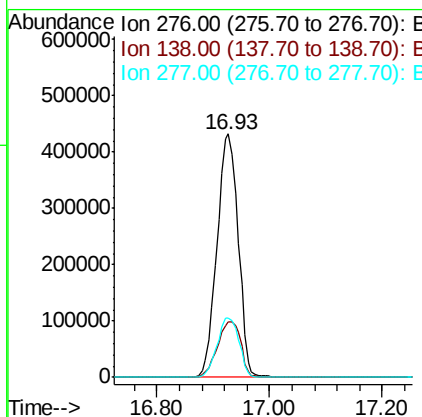
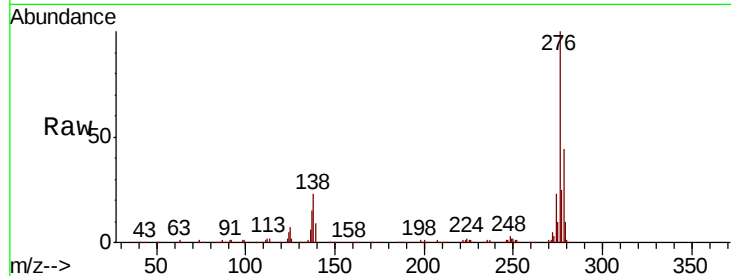




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.863 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

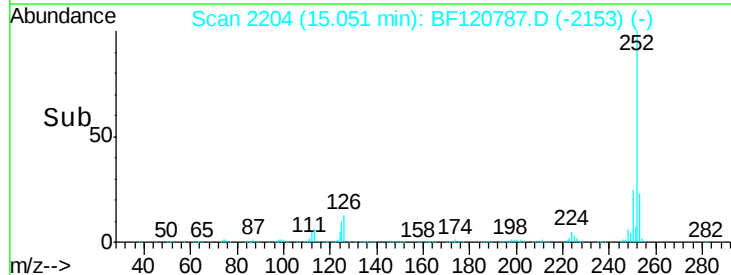
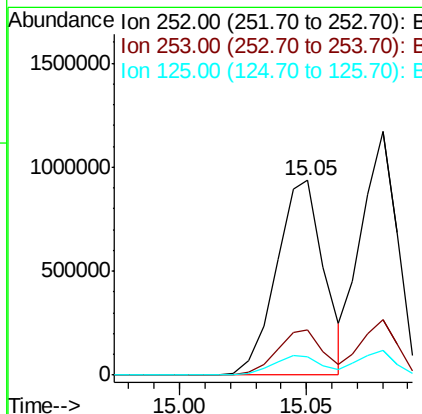
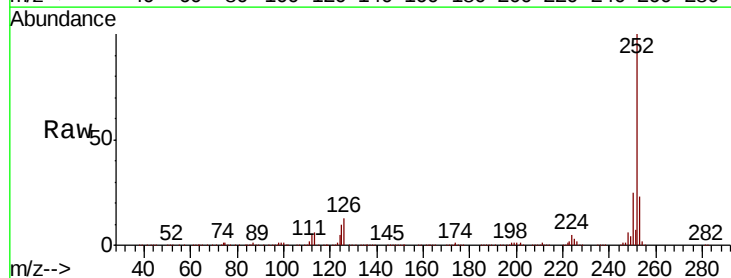
Instrument :
 BNA_F
 ClientSampleId :
 MW-14MS

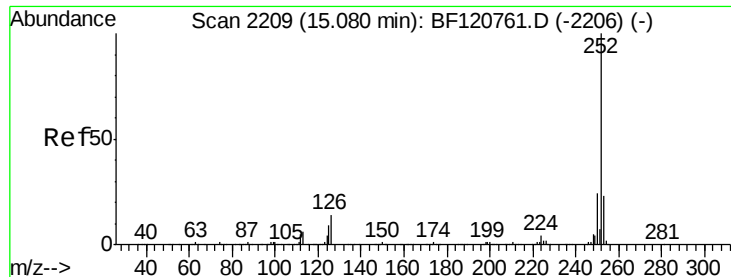
Tot Ion:276 Resp: 1128838
 Ion Ratio Lower Upper
 276 100
 138 25.4 19.8 29.8
 277 25.4 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 51.751 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120787.D
 Acq: 7 Jul 2020 15:08

Tgt Ion:252 Resp: 1225409
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.0 27.0
 125 9.6 7.5 11.3

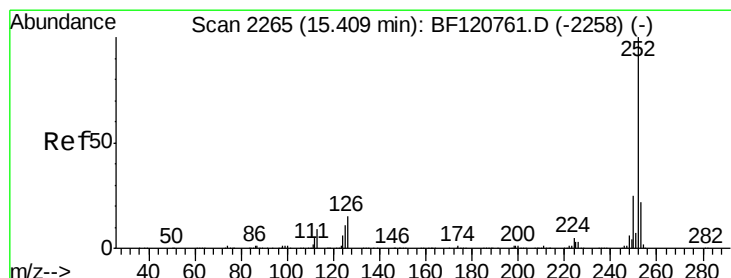
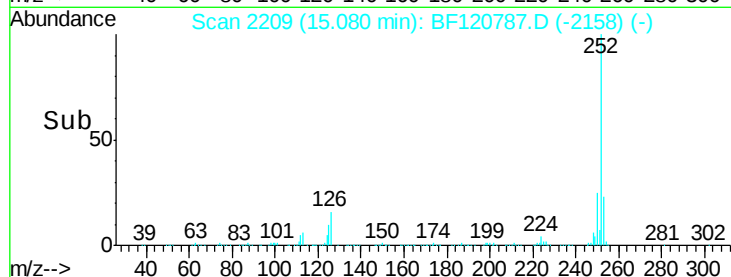
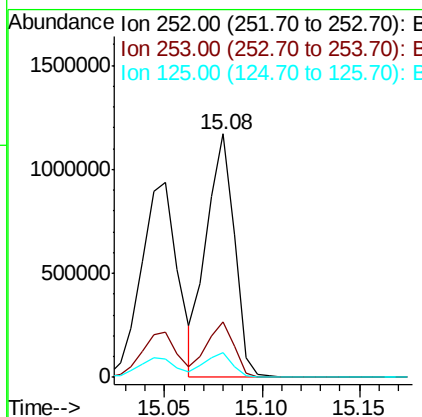
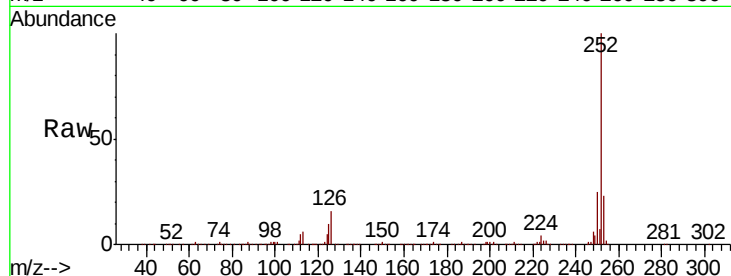




#89
Benzo(k)fluoranthene
Concen: 50.415 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

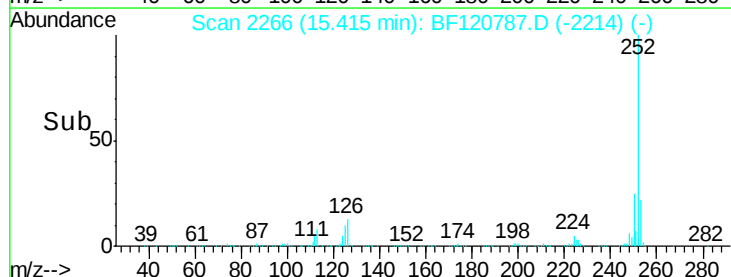
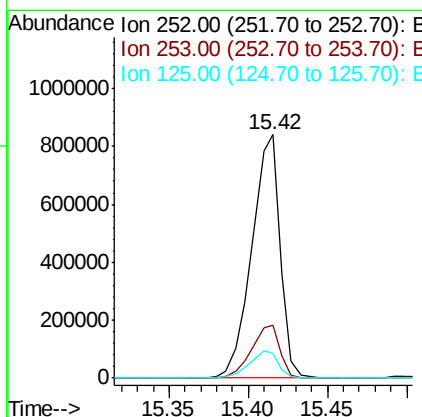
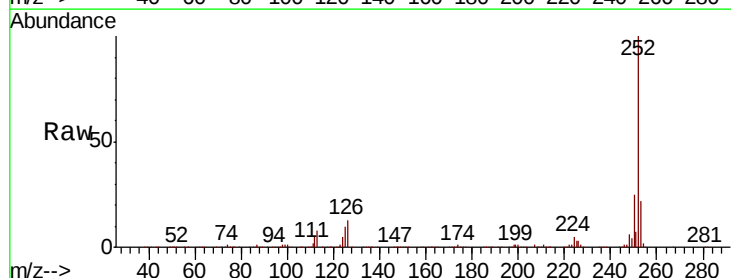
Instrument :
BNA_F
ClientSampleId :
MW-14MS

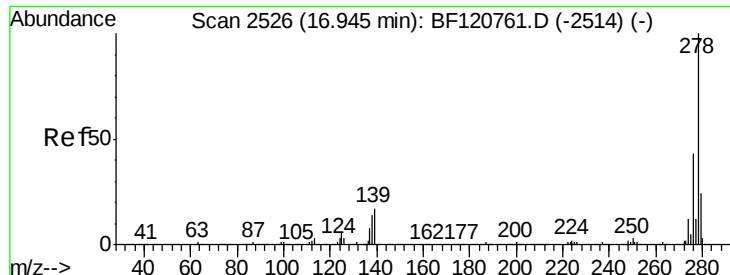
Tot Ion:252 Resp: 1161616
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 10.3 7.6 11.4



#90
Benzo(a)pyrene
Concen: 49.541 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion:252 Resp: 1046453
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 10.0 9.2 13.8

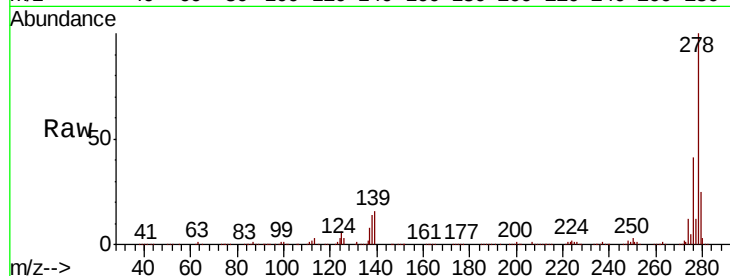




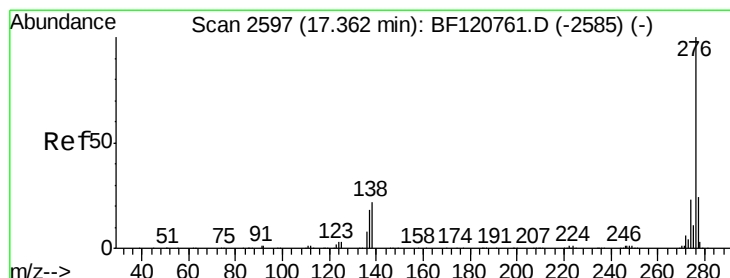
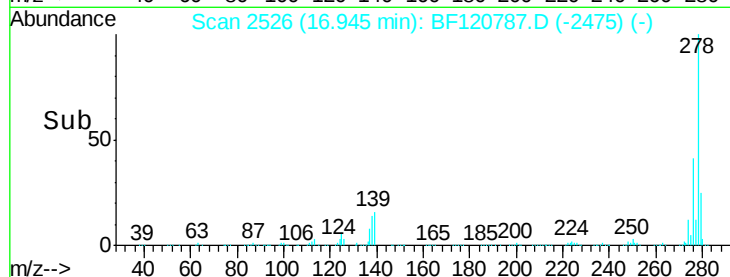
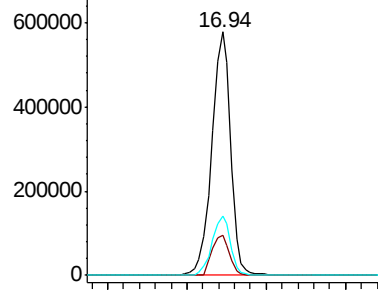
#91
Dibenzo(a,h)anthracene
Concen: 49.359 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Instrument :
BNA_F
ClientSampleId :
MW-14MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.3	19.9
279	24.5	19.0	28.6

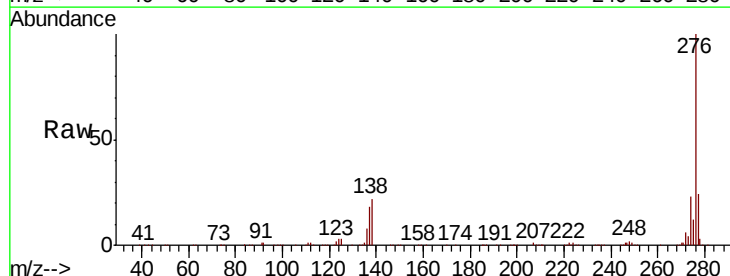


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 49.227 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.01 min
Lab File: BF120787.D
Acq: 7 Jul 2020 15:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	21.6	17.4	26.2



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

