

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120788.D
 Acq On : 7 Jul 2020 15:37
 Operator : JU/CG
 Sample : L3215-13MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14MSD

Quant Time: Jul 07 16:48:34 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	161046	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	322117	20.00	ng	0.01
39) Acenaphthene-d10	9.89	164	322646	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	573051	20.00	ng	0.00
76) Chrysene-d12	14.02	240	426035	20.00	ng	0.00
86) Perylene-d12	15.47	264	352029	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	636589	61.02	ng	0.00
7) Phenol-d6	6.47	99	469342	35.23	ng	0.00
23) Nitrobenzene-d5	7.43	82	823135	148.05	ng	0.01
42) 2,4,6-Tribromophenol	10.68	330	485140	149.67	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1789717	83.92	ng	0.00
79) Terphenyl-d14	12.96	244	2156117	99.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	92132	19.332	ng	98
3) Pyridine	3.35	79	256742	19.668	ng	97
4) n-Nitrosodimethylamine	3.29	42	135588	20.763	ng	97
6) Aniline	6.52	93	562414	32.869	ng	100
8) 2-Chlorophenol	6.63	128	419080	37.730	ng	99
9) Benzaldehyde	6.40	77	315394	39.803	ng	# 1
10) Phenol	6.49	94	179820	13.120	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	519362	46.568	ng	98
12) 1,3-Dichlorobenzene	6.79	146	484259	39.609	ng	97
13) 1,4-Dichlorobenzene	6.87	146	495309	40.449	ng	98
14) 1,2-Dichlorobenzene	7.03	146	378036	32.449	ng	99
15) Benzyl Alcohol	6.99	79	319230	31.890	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	736062	42.313	ng	82
17) 2-Methylphenol	7.10	107	264239	26.592	ng	# 83
18) Hexachloroethane	7.37	117	256872	55.812	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	389108	48.505	ng	98
20) 3+4-Methylphenols	7.26	107	299674	24.486	ng	# 72
22) Acetophenone	7.26	105	1038842	129.748	ng	# 92
24) Nitrobenzene	7.45	77	602231	96.473	ng	91
25) Isophorone	7.70	82	1089247m	90.846	ng	
26) 2-Nitrophenol	7.76	139	250683	91.593	ng	96
27) 2,4-Dimethylphenol	7.80	122	380881	79.578	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	107860m	15.200	ng	
29) 2,4-Dichlorophenol	8.01	162	379745	79.475	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	443232	82.588	ng	97
31) Naphthalene	8.21	128	11353399	659.516	ng	# 90
32) Benzoic acid	7.87	122	69507	22.955	ng	# 1
33) 4-Chloroaniline	8.21	127	1806115	247.246	ng	# 49
34) Hexachlorobutadiene	8.28	225	244451	75.735	ng	100
35) Caprolactam	8.61	113	41579m	29.864	ng	
36) 4-Chloro-3-methylphenol	8.69	107	378884	76.229	ng	# 73
37) 2-Methylnaphthalene	8.87	142	3350582	299.407	ng	# 96
38) 1-Methylnaphthalene	8.97	142	3892854m	371.373	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	417469	42.812	ng	99

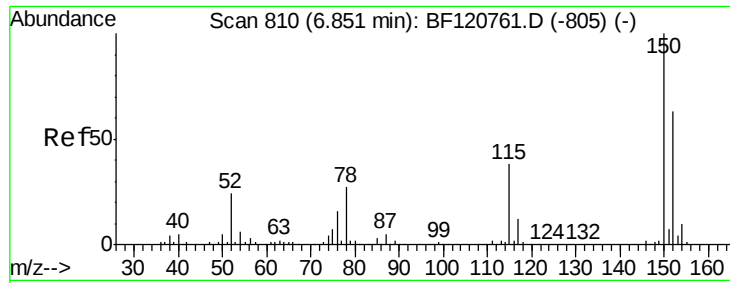
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	453161	78.656	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	312048	46.963	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	323660	43.892	nq	97
46) 1,1'-Biphenyl	9.32	154	1705993	65.551	nq	98
47) 2-Chloronaphthalene	9.34	162	926602	44.442	nq	99
48) 2-Nitroaniline	9.43	65	312040	49.874	nq	99
49) Acenaphthylene	9.76	152	1460374	44.675	nq	98
50) Dimethylphthalate	9.62	163	1234110	52.434	nq	100
51) 2,6-Dinitrotoluene	9.68	165	231413	49.402	nq	86
52) Acenaphthene	9.93	154	2050059	101.092	nq	98
53) 3-Nitroaniline	9.85	138	191689	34.070	nq	96
54) 2,4-Dinitrophenol	9.95	184	186516	98.809	nq	91
55) Dibenzofuran	10.10	168	1324031	45.295	nq	99
56) 4-Nitrophenol	9.99	139	124971	30.287	nq	90
57) 2,4-Dinitrotoluene	10.07	165	332168	56.432	nq	# 93
58) Fluorene	10.45	166	1386231	63.712	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	271290m	49.439	nq	
60) Diethylphthalate	10.32	149	1109927	45.270	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	431756	39.474	nq	98
62) 4-Nitroaniline	10.46	138	241877	48.368	nq	92
63) Azobenzene	10.59	77	1101405	43.914	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	139658	56.501	nq	# 73
66) n-Nitrosodiphenylamine	10.55	169	912383	47.502	nq	92
67) 4-Bromophenyl-phenylether	10.92	248	302918	45.569	nq	99
68) Hexachlorobenzene	10.99	284	331524	47.527	nq	93
69) Atrazine	11.08	200	222854	45.037	nq	98
70) Pentachlorophenol	11.18	266	404191	102.416	nq	98
71) Phenanthrene	11.40	178	2535317	81.540	nq	98
72) Anthracene	11.46	178	1737356	55.295	nq	100
73) Carbazole	11.60	167	1448579	47.976	nq	99
74) Di-n-butylphthalate	11.94	149	1732096	46.336	nq	99
75) Fluoranthene	12.59	202	1702875	51.411	nq	99
77) Benzidine	12.70	184	516683	42.967	nq	99
78) Pyrene	12.82	202	1833596	53.889	nq	99
80) Butylbenzylphthalate	13.44	149	737429	50.199	nq	98
81) Benzo(a)anthracene	14.00	228	1254081	45.921	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	408683	44.345	nq	98
83) Chrysene	14.04	228	1357283	48.724	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	863003	44.800	nq	# 98
85) Di-n-octyl phthalate	14.61	149	1681645	49.345	nq	98
87) Indeno(1,2,3-cd)pyrene	16.93	276	1112797	49.283	nq	99
88) Benzo(b)fluoranthene	15.05	252	1212311	52.383	nq	99
89) Benzo(k)fluoranthene	15.08	252	1159915	51.507	nq	98
90) Benzo(a)pyrene	15.42	252	1043197	50.530	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	959535	50.986	nq	100
92) Benzo(g,h,i)perylene	17.36	276	862141	50.125	nq	99

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

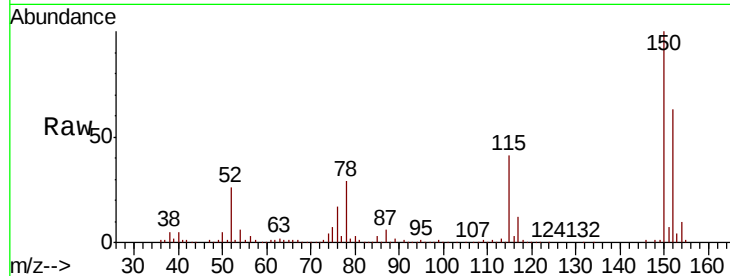


#1

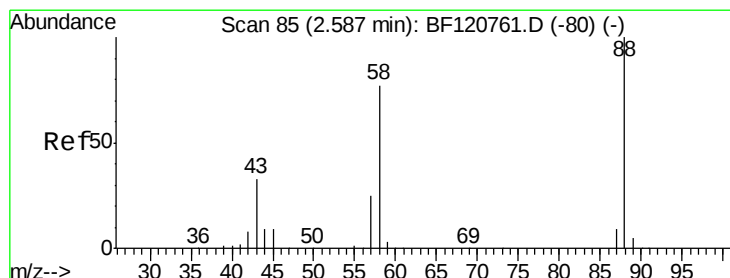
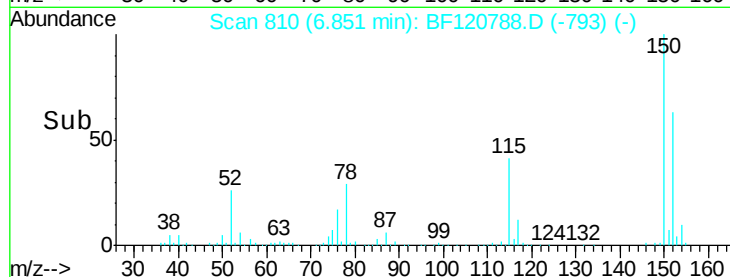
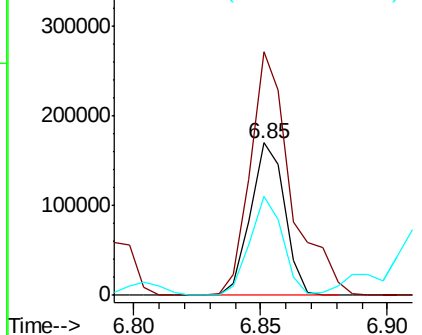
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Instrument :
BNA_F
ClientSampleId :
MW-14MSD

Tot Ion:152 Resp: 161046
Ion Ratio Lower Upper
152 100
150 159.9 126.1 189.1
115 65.4 48.5 72.7



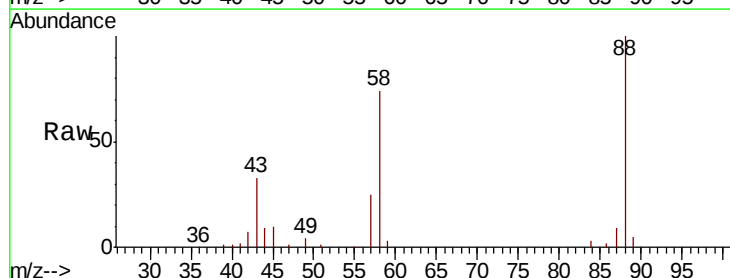
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



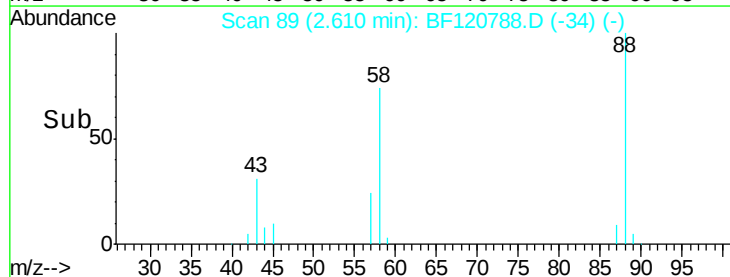
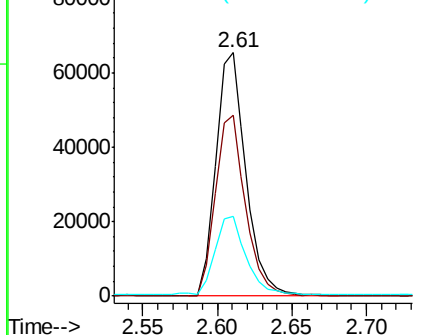
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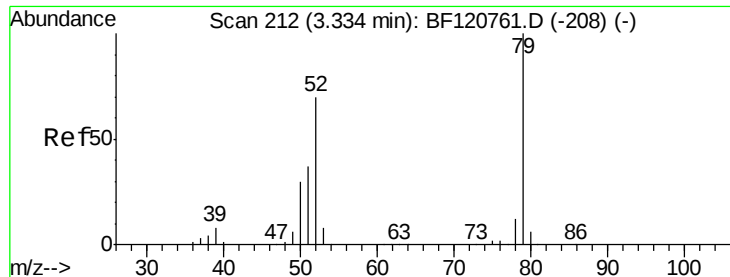
1,4-Dioxane
Concen: 19.332 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.02 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion: 88 Resp: 92132
Ion Ratio Lower Upper
88 100
58 74.4 60.4 90.6
43 34.3 26.3 39.5



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





#3

Pvridine

Concen: 19.668 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

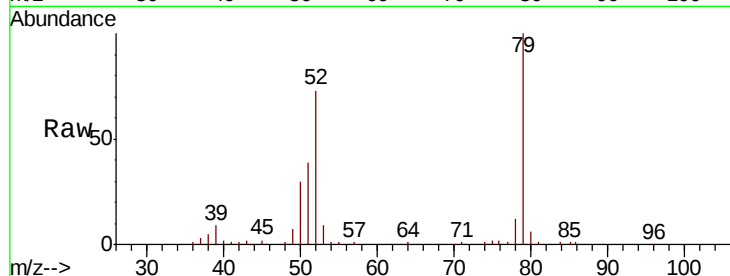
Tot Ion: 79 Resp: 256742

Ion Ratio Lower Upper

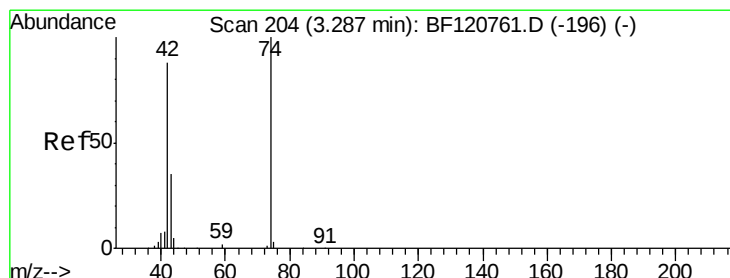
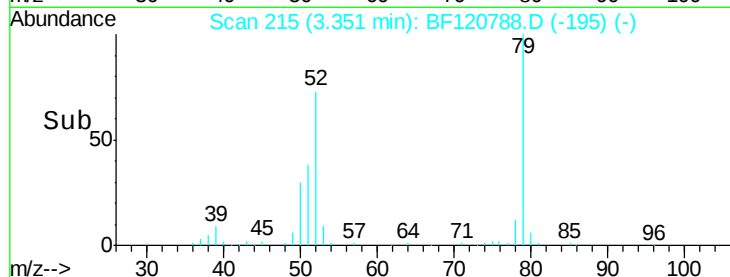
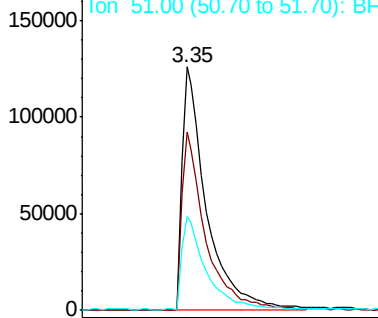
79 100

52 73.3 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: 20.763 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

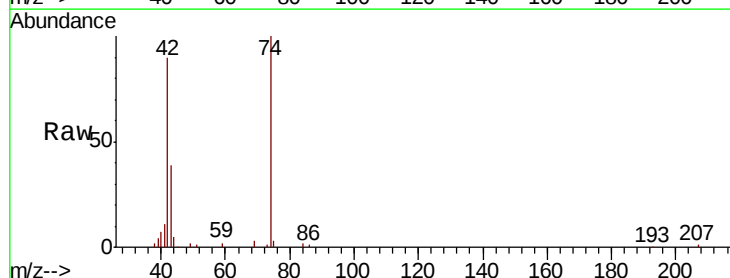
Tgt Ion: 42 Resp: 135588

Ion Ratio Lower Upper

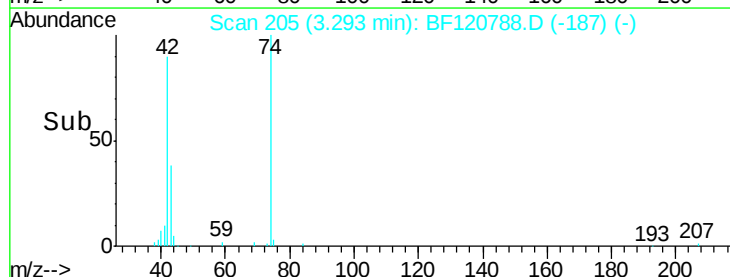
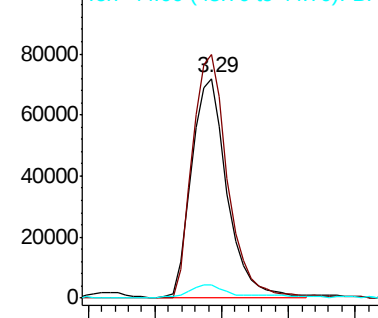
42 100

74 110.9 90.8 136.2

44 5.9 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: 61.018 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

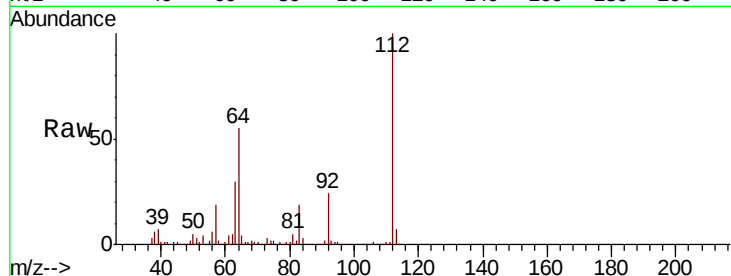
Tot Ion:112 Resp: 636589

Ion Ratio Lower Upper

112 100

64 55.5 43.8 65.6

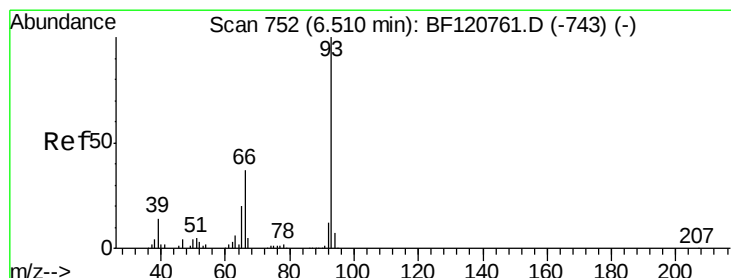
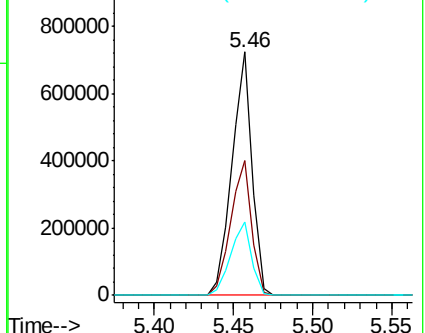
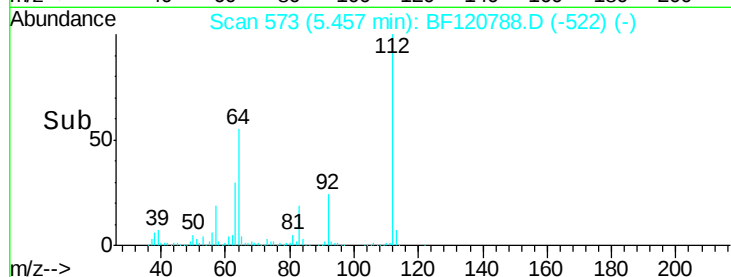
63 30.2 23.6 35.4



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: 32.869 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

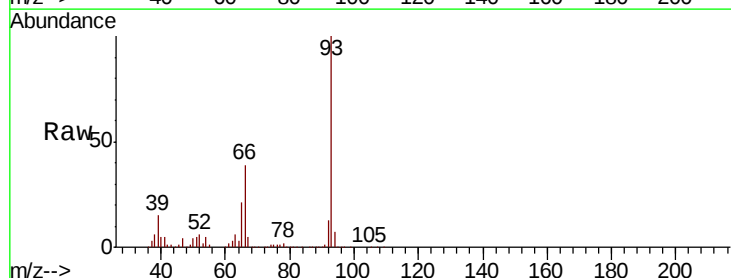
Tgt Ion: 93 Resp: 562414

Ion Ratio Lower Upper

93 100

66 39.1 31.3 46.9

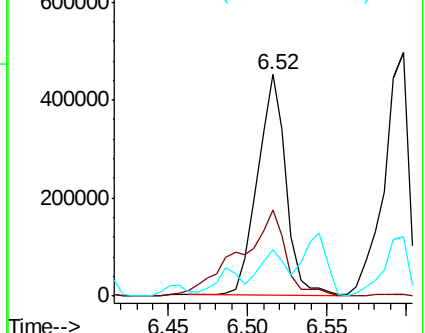
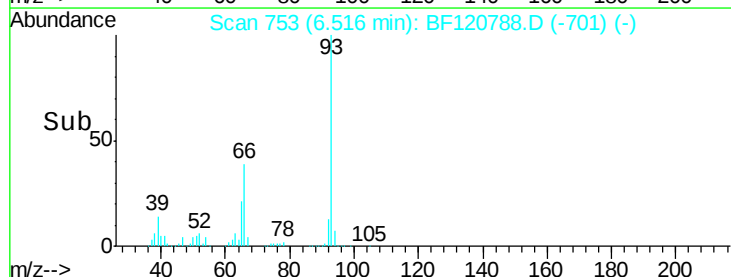
65 20.7 16.5 24.7

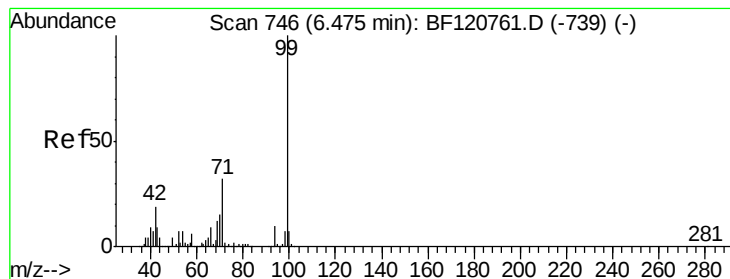


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 35.228 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

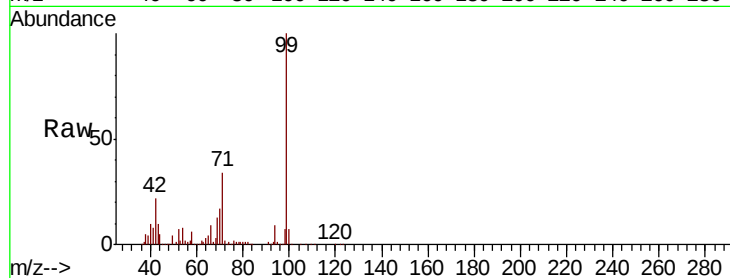
Tot Ion: 99 Resp: 469342

Ion Ratio Lower Upper

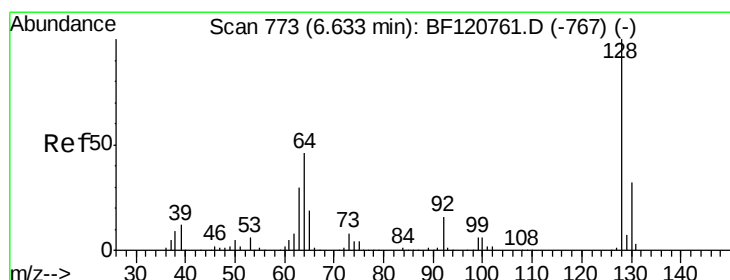
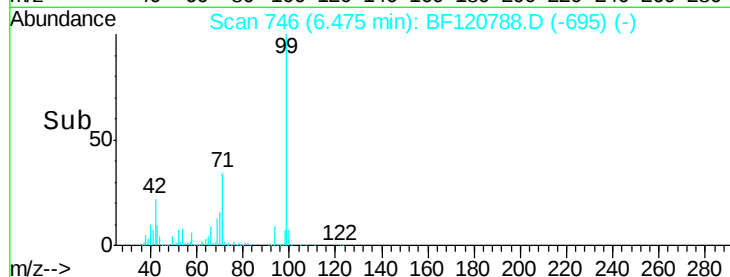
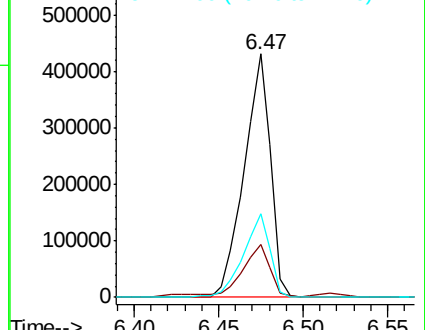
99 100

42 21.7 15.4 23.0

71 34.3 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.730 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

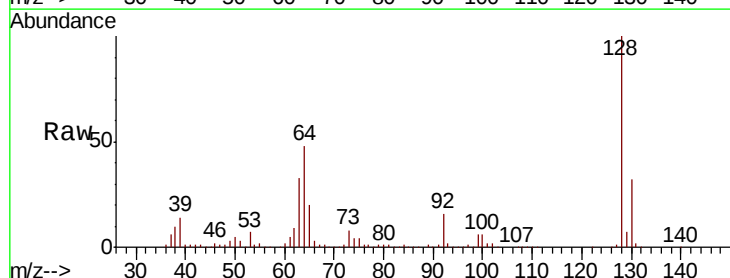
Tgt Ion:128 Resp: 419080

Ion Ratio Lower Upper

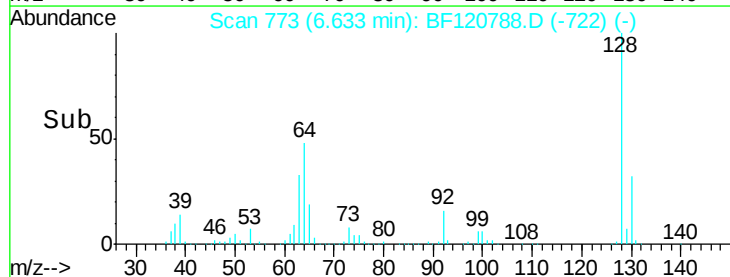
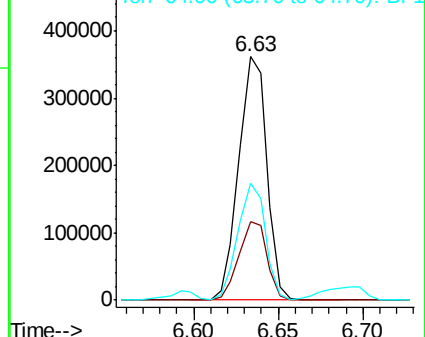
128 100

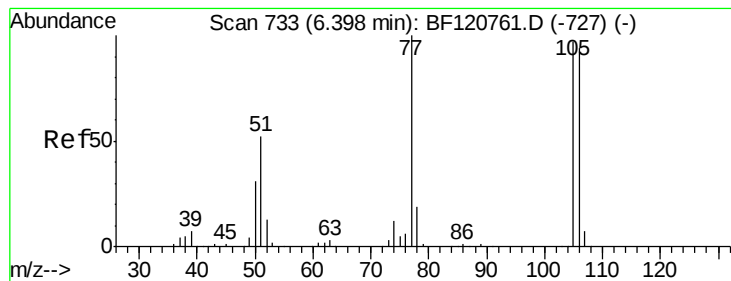
130 32.0 12.1 52.1

64 47.9 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: 39.803 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleID :

MW-14MSD

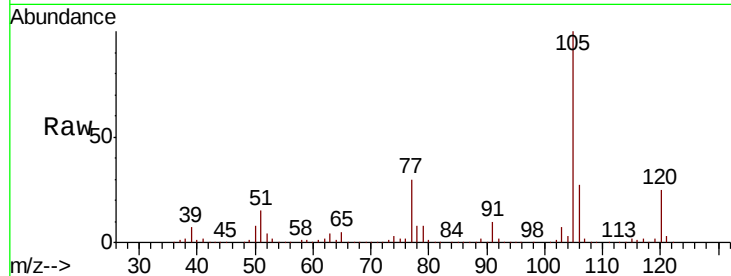
Tot Ion: 77 Resp: 315394

Ion Ratio Lower Upper

77 100

105 332.2 76.8 116.8#

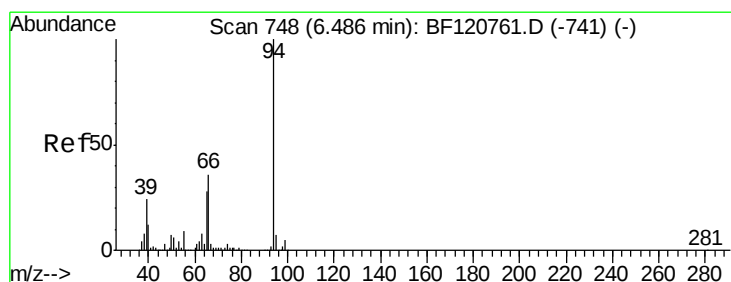
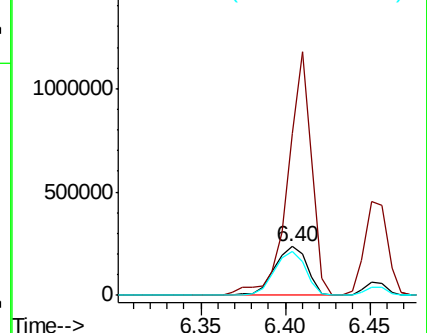
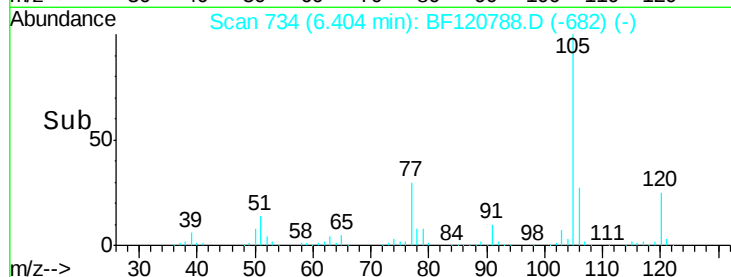
106 89.8 73.8 113.8



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: 13.120 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

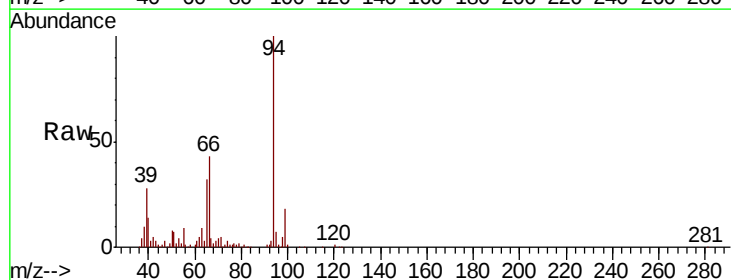
Tgt Ion: 94 Resp: 179820

Ion Ratio Lower Upper

94 100

65 32.0 8.4 48.4

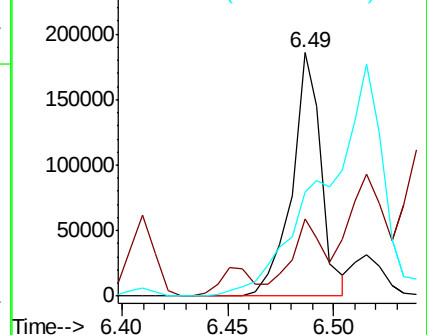
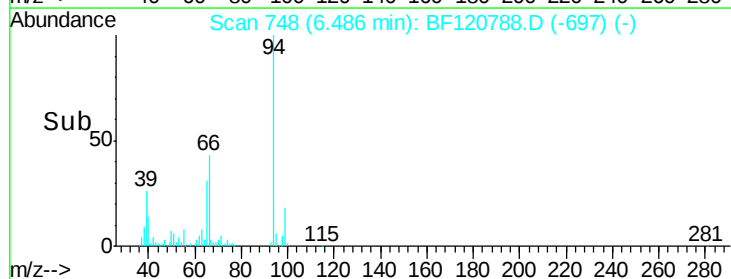
66 43.0 16.5 56.5

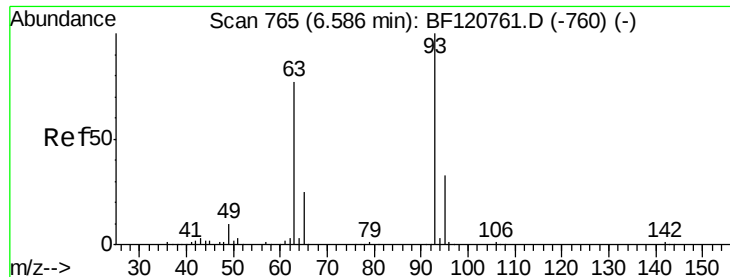


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

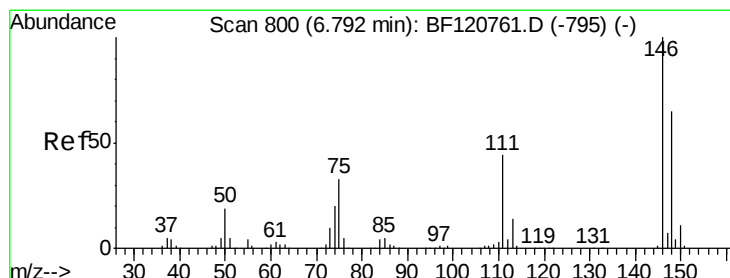
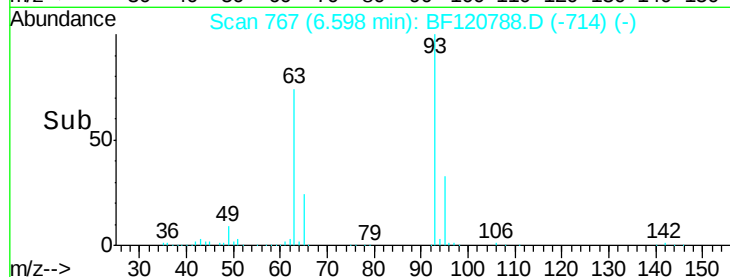
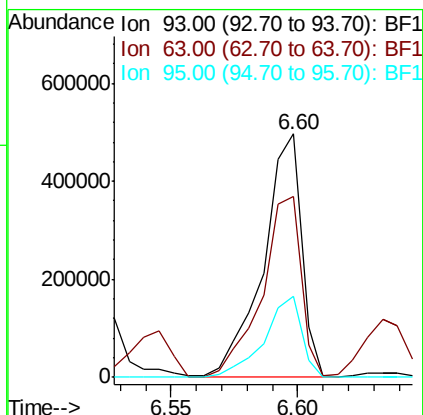
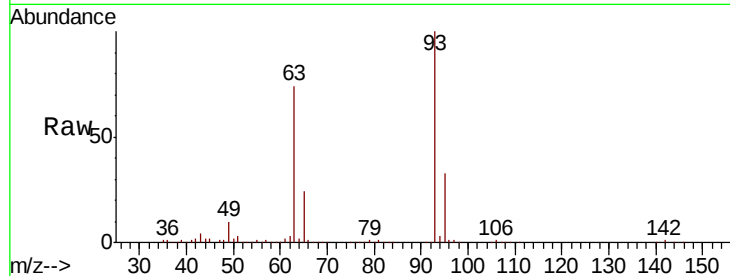




#11
bis(2-Chloroethyl)ether
Concen: 46.568 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

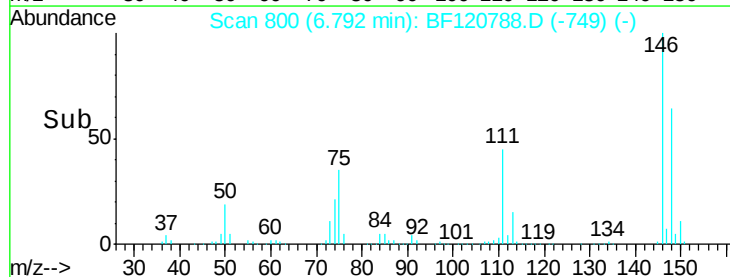
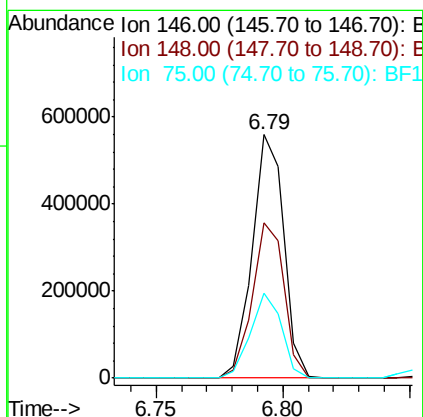
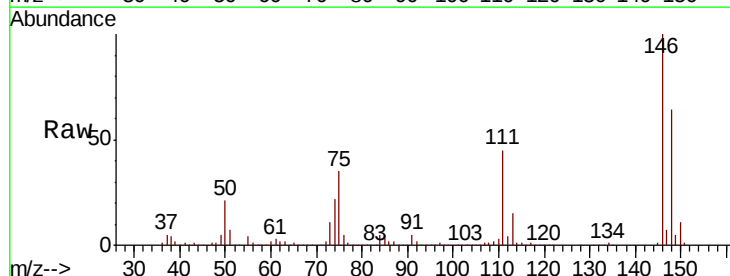
Instrument :
BNA_F
ClientSampleId :
MW-14MSD

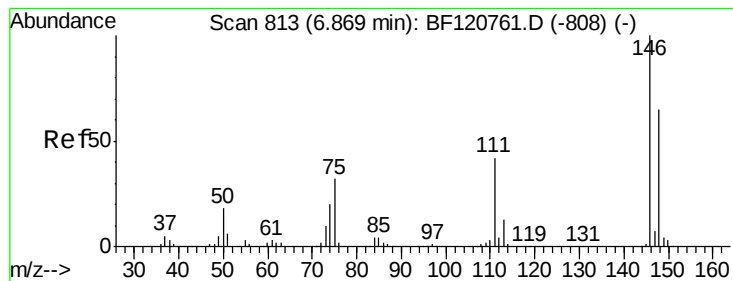
Tot Ion: 93 Resp: 519362
Ion Ratio Lower Upper
93 100
63 74.3 56.9 96.9
95 33.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.609 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion: 146 Resp: 484259
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
75 35.1 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 40.449 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

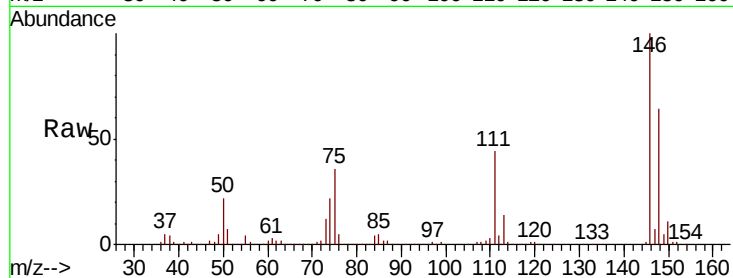
Tot Ion:146 Resp: 495309

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

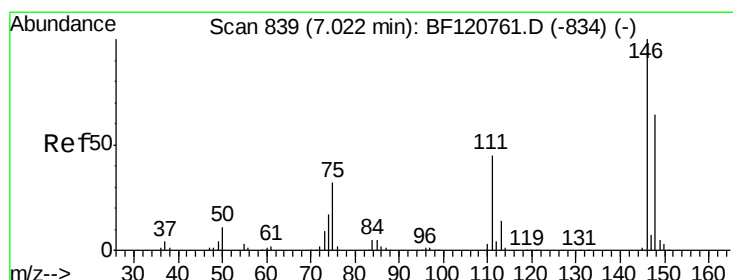
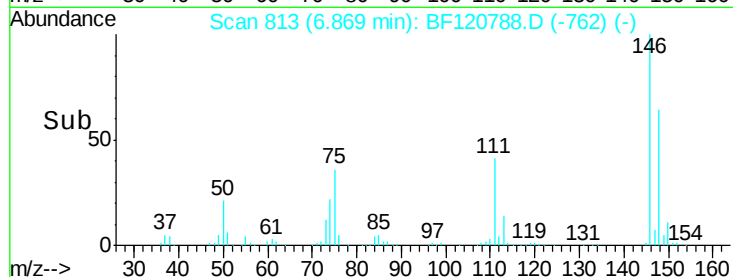
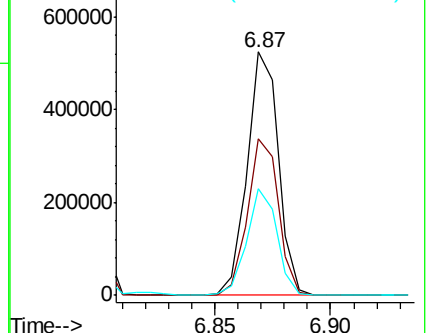
111 43.9 33.7 50.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.449 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

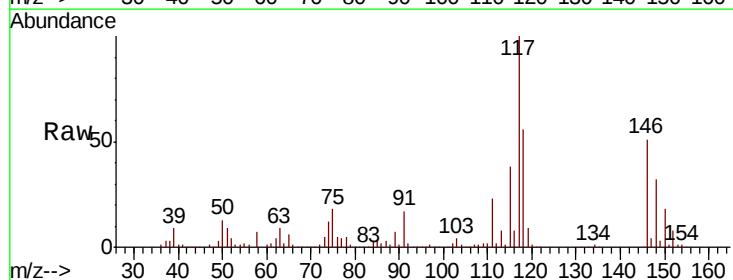
Tgt Ion:146 Resp: 378036

Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.4

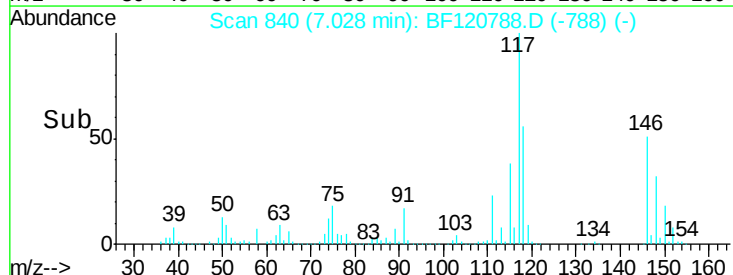
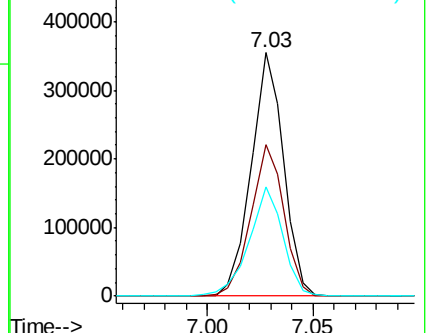
111 44.7 35.7 53.5

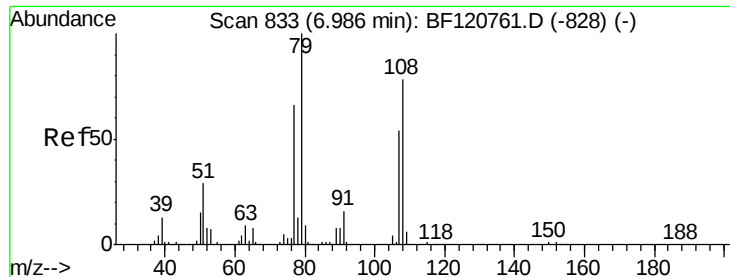


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.890 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

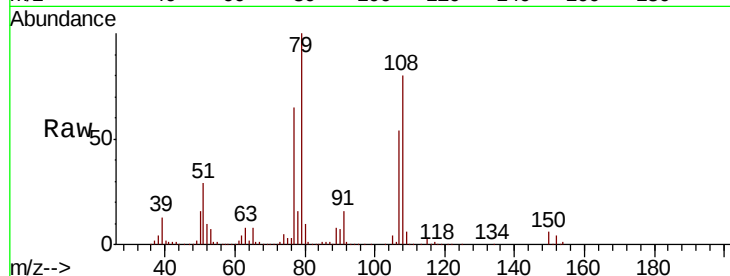
Tot Ion: 79 Resp: 319230

Ion Ratio Lower Upper

79 100

108 79.6 62.4 93.6

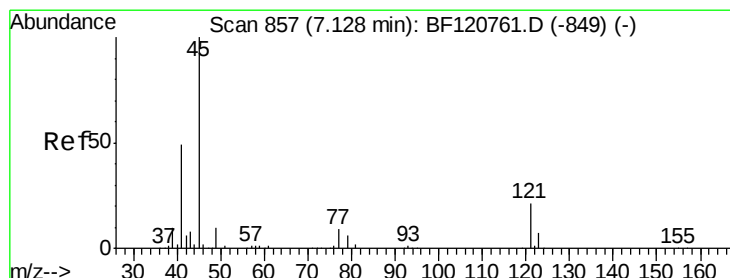
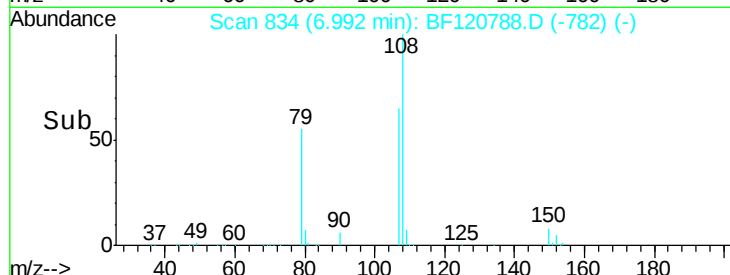
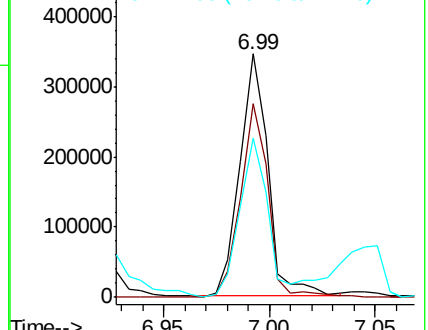
77 65.2 52.7 79.1



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: 42.313 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

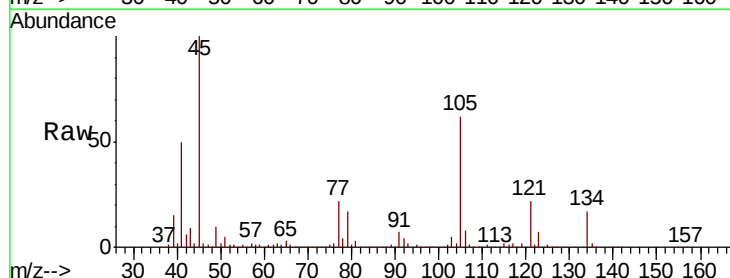
Tgt Ion: 45 Resp: 736062

Ion Ratio Lower Upper

45 100

77 21.6 0.0 33.7

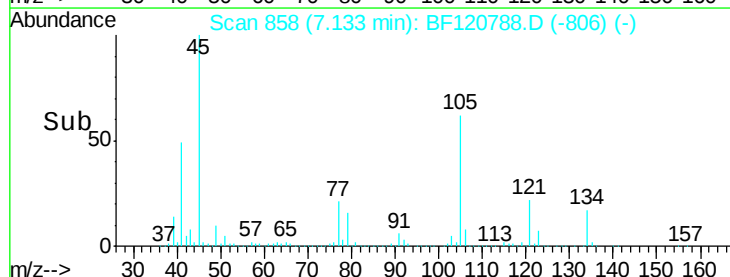
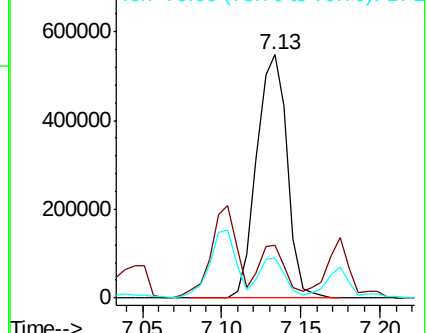
79 16.5 0.0 30.5

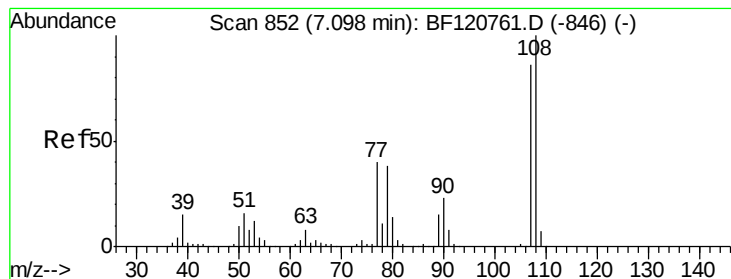


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

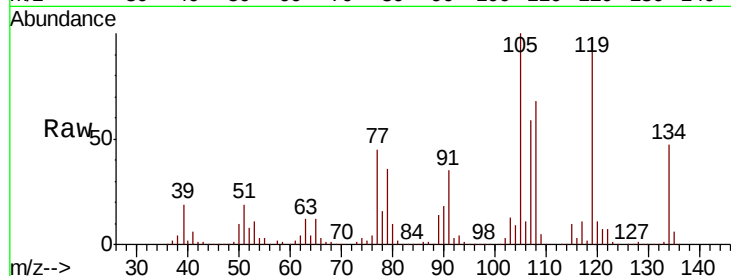




#17
2-Methylphenol
Concen: 26.592 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Instrument :
BNA_F
ClientSampleId :
MW-14MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.1	139.7
77	76.7	37.3	55.9#
79	60.6	35.3	52.9#



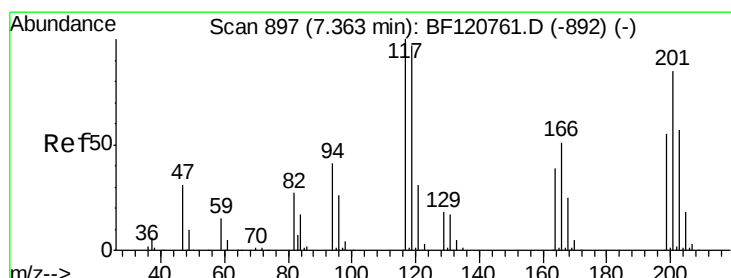
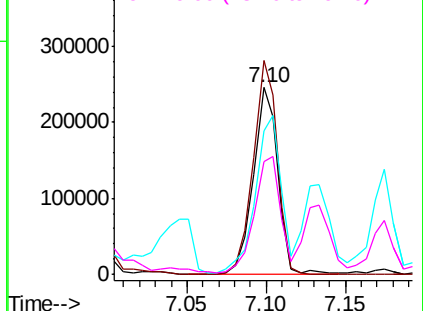
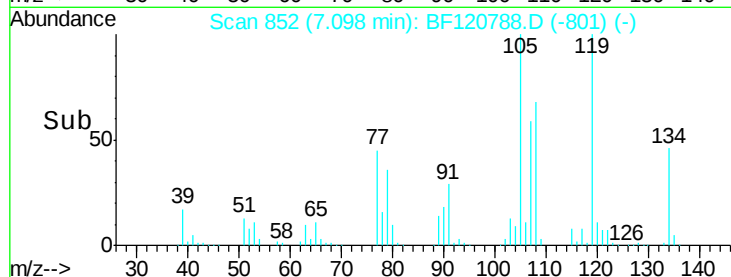
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

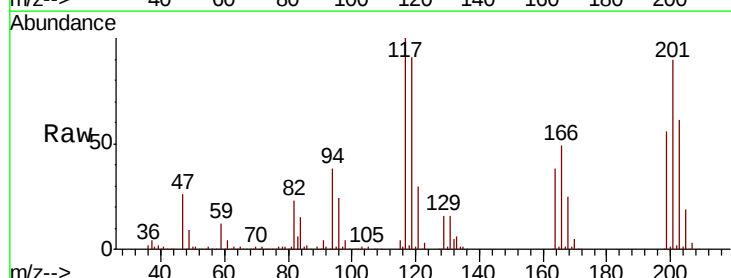
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 55.812 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	77.9	116.9
201	89.9	68.3	102.5

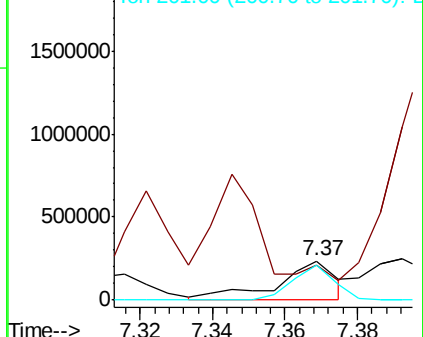
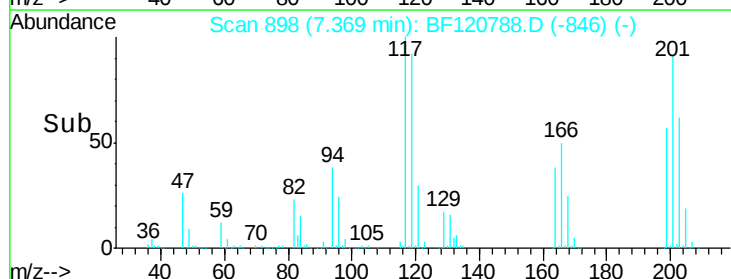


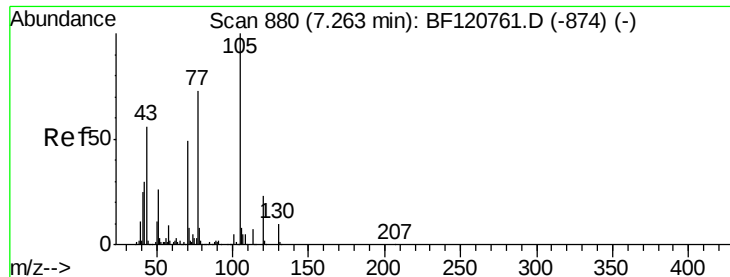
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

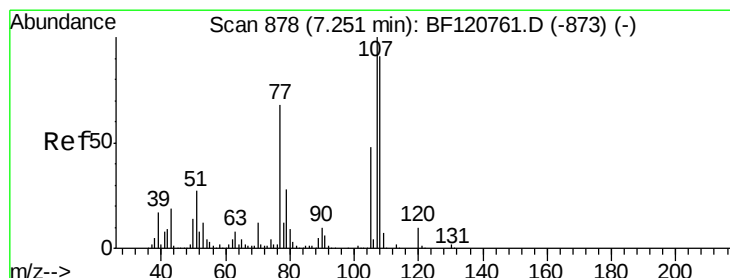
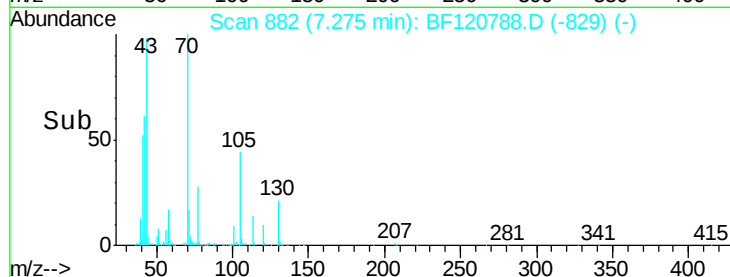
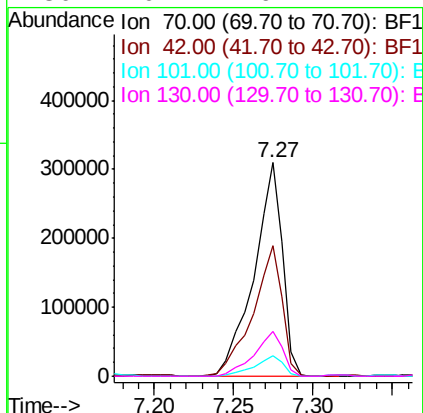
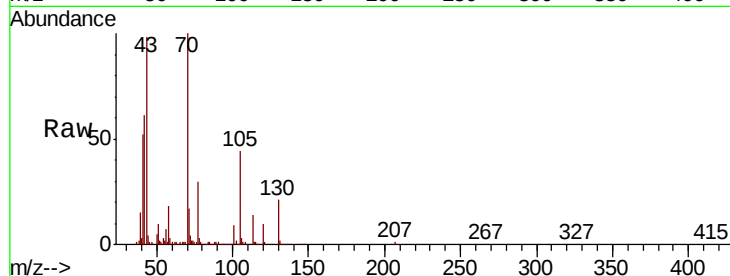




#19
n-Nitroso-di-n-propylamine
Concen: 48.505 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

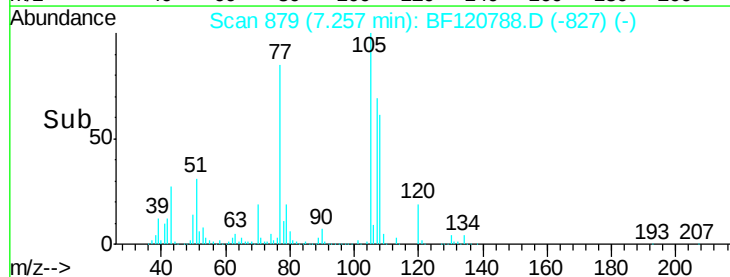
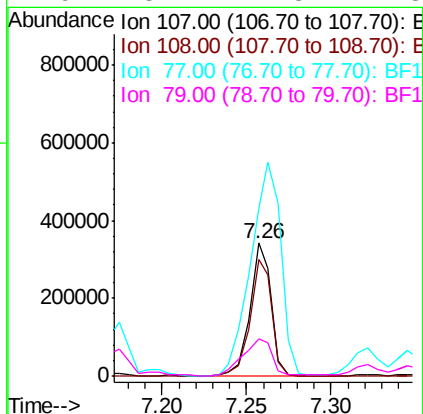
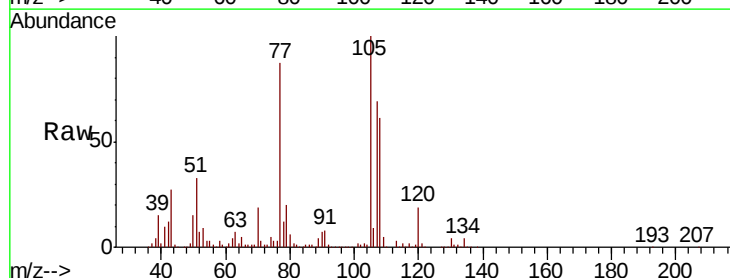
Instrument :
BNA_F
ClientSampleId :
MW-14MSD

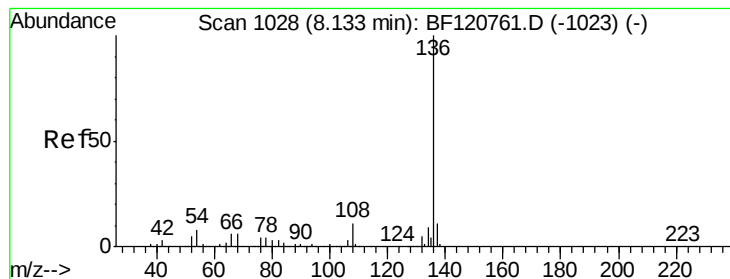
Tot Ion: 70 Resp: 389108
Ion Ratio Lower Upper
70 100
42 61.3 50.3 75.5
101 9.5 7.5 11.3
130 20.7 16.1 24.1



#20
3+4-Methylphenols
Concen: 24.486 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion: 107 Resp: 299674
Ion Ratio Lower Upper
107 100
108 87.9 70.9 110.9
77 126.0 48.3 88.3#
79 28.4 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

Tot Ion:136 Resp: 322117

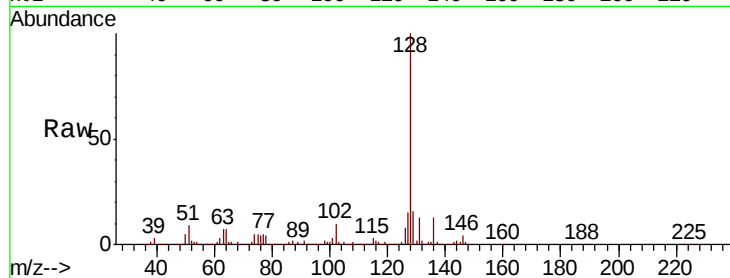
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 8.1 6.2 9.4

68 6.9 4.7 7.1

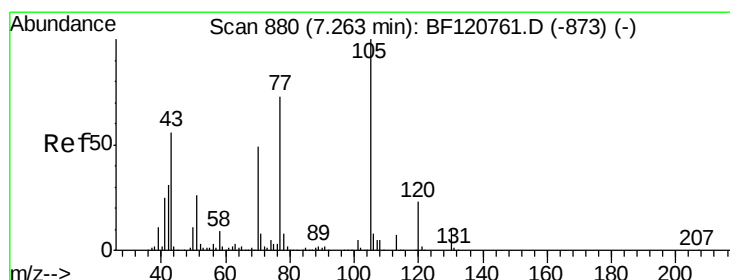
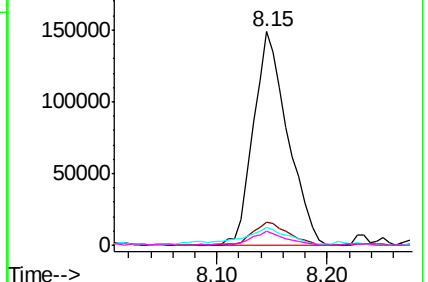
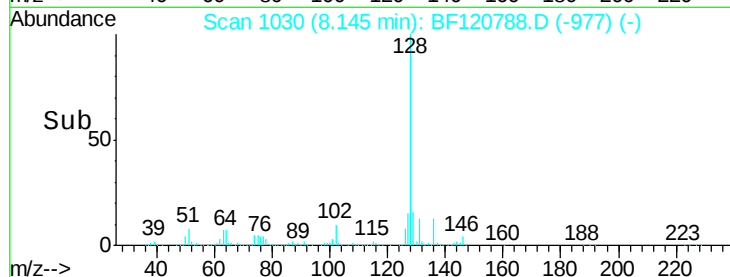


Abundance Ion 136.00 (135.70 to 136.70): E

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: 129.748 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Tgt Ion:105 Resp: 1038842

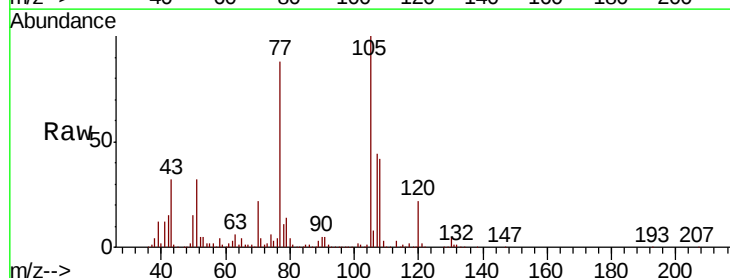
Ion Ratio Lower Upper

105 100

71 3.9 6.5 9.7#

51 32.3 21.0 31.4#

120 22.4 18.6 28.0

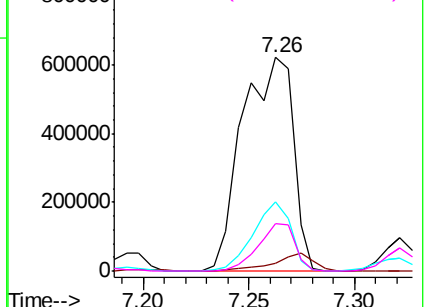
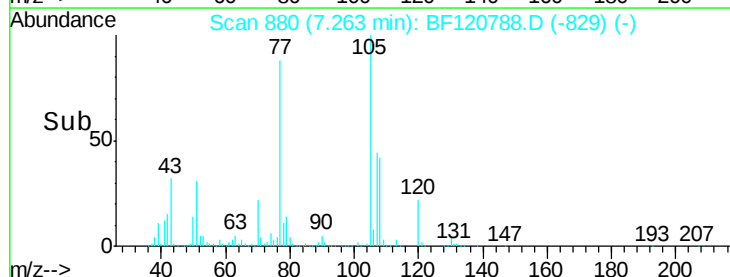


Abundance Ion 105.00 (104.70 to 105.70): E

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

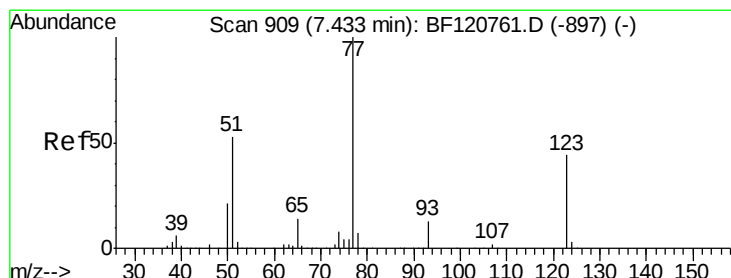
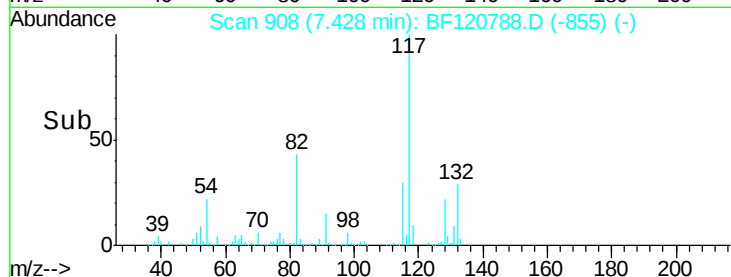
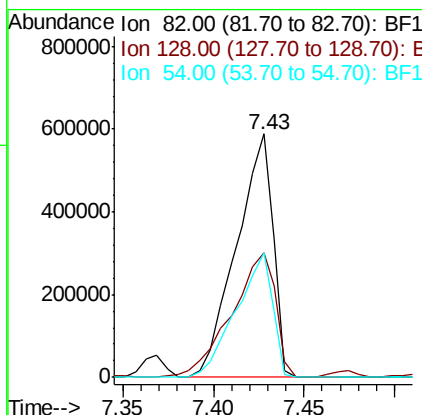
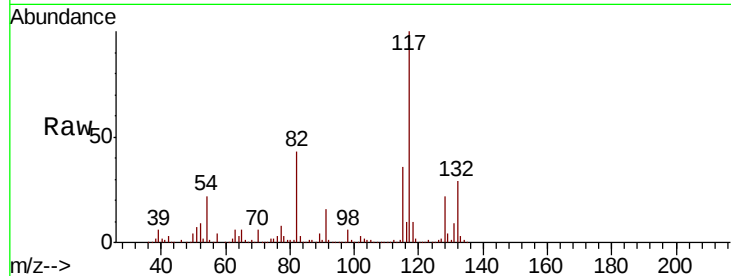




#23
Nitrobenzene-d5
Concen: 148.054 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

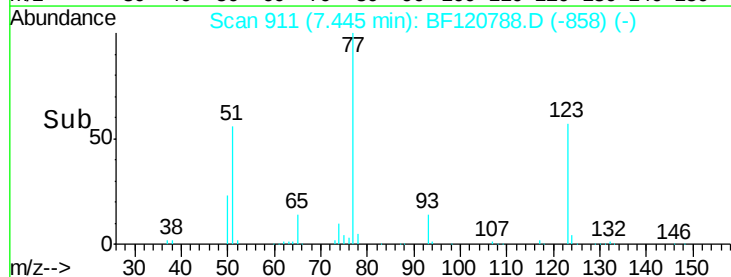
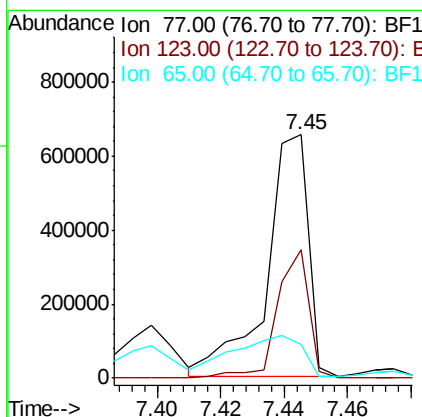
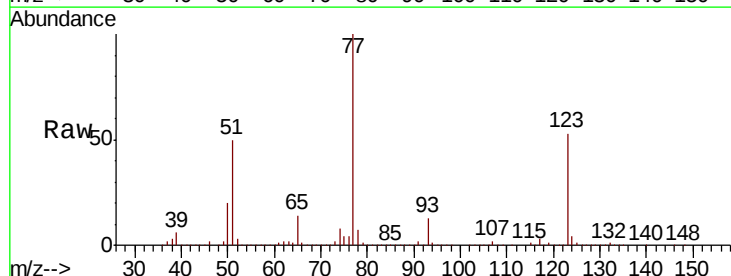
Instrument :
BNA_F
ClientSampleId :
MW-14MSD

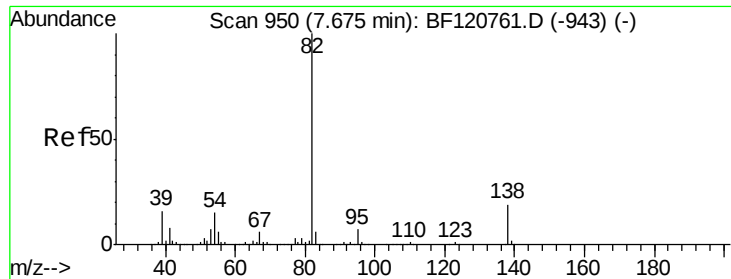
Tot Ion	82	Resp	823135
Ion Ratio	100		
Lower			
Upper			
128	51.0	35.7	53.5
54	51.1	40.9	61.3



#24
Nitrobenzene
Concen: 96.473 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion	77	Resp	602231
Ion Ratio	100		
Lower			
Upper			
123	52.7	36.1	54.1
65	13.8	11.0	16.4

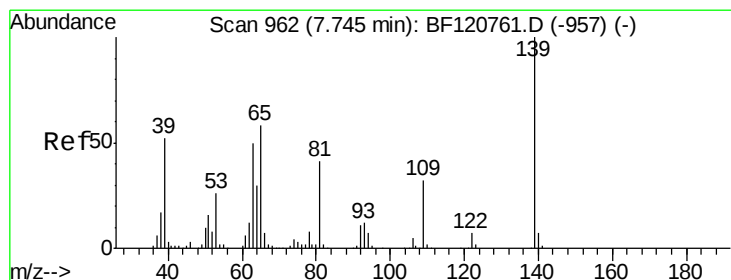
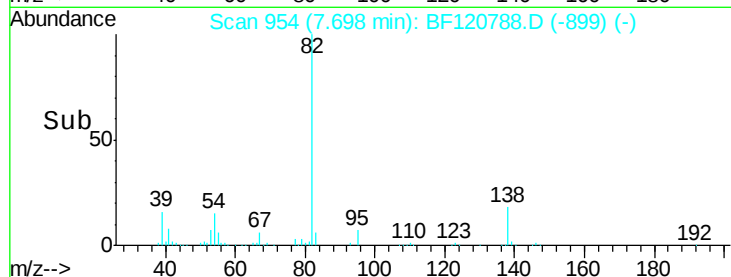
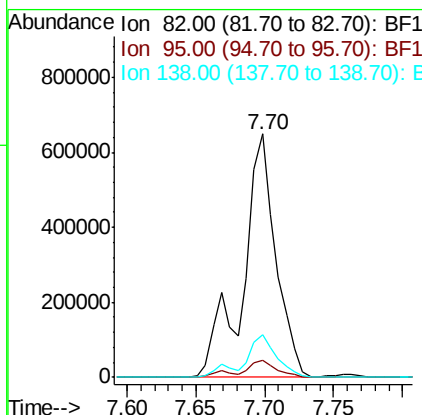
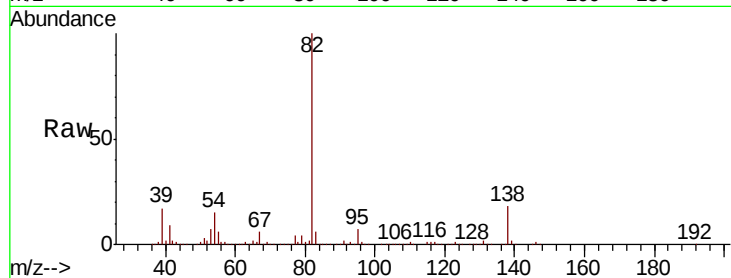




#25
Isophorone
Concen: 90.846 ng/mL
RT: 7.70 min Scan# 954
Delta R.T. 0.02 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

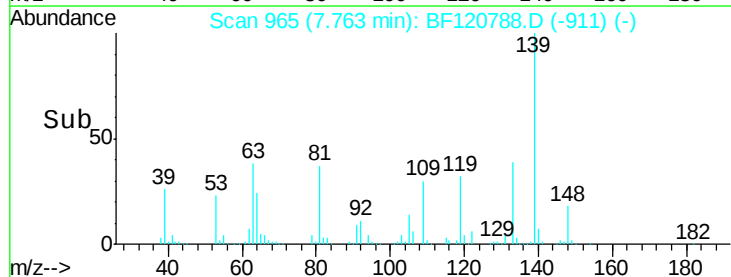
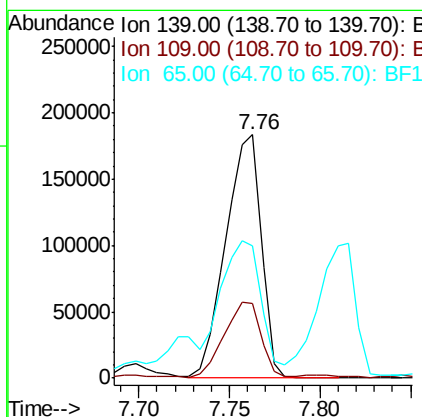
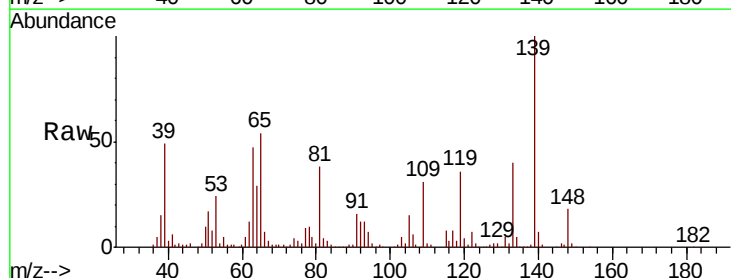
Instrument :
BNA_F
ClientSampleId :
MW-14MSD

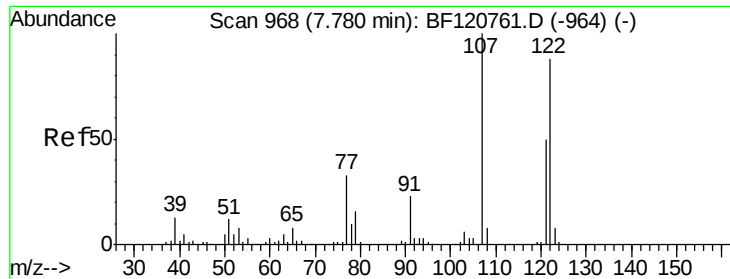
Tot Ion: 82 Resp: 1089247
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.7 15.0 22.4



#26
2-Nitrophenol
Concen: 91.593 ng/mL
RT: 7.76 min Scan# 965
Delta R.T. 0.02 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion: 139 Resp: 250683
Ion Ratio Lower Upper
139 100
109 30.7 25.3 37.9
65 54.2 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 79.578 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

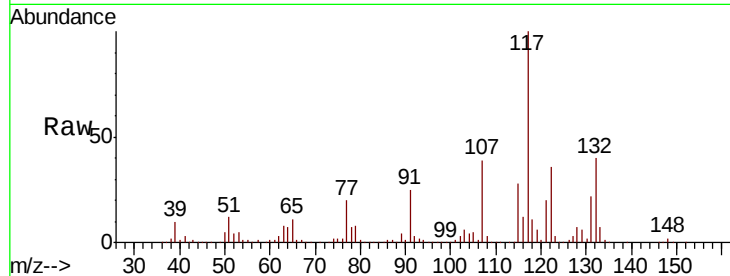
Tot Ion:122 Resp: 380881

Ion Ratio Lower Upper

122 100

107 109.8 90.7 136.1

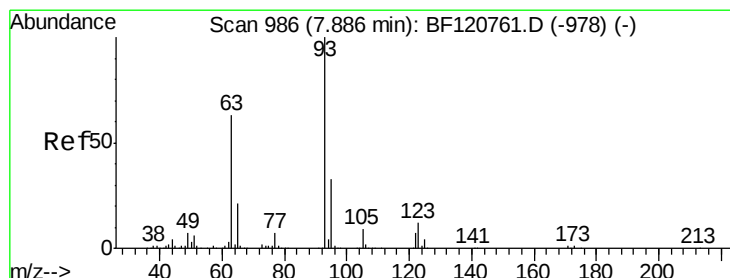
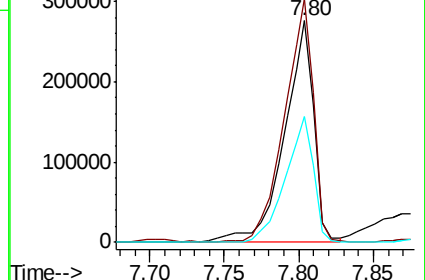
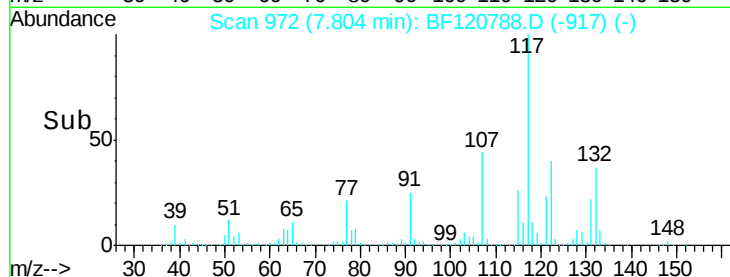
121 57.0 45.4 68.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 15.200 ng m

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

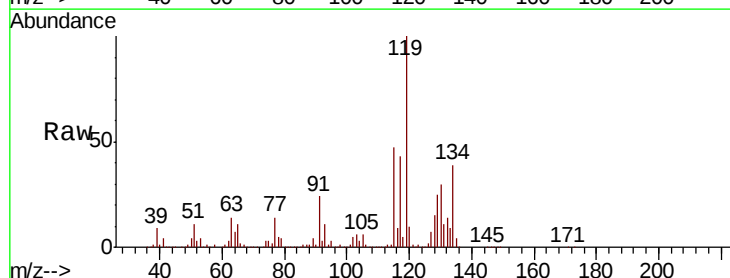
Tgt Ion: 93 Resp: 107860

Ion Ratio Lower Upper

93 100

95 27.7 26.4 39.6

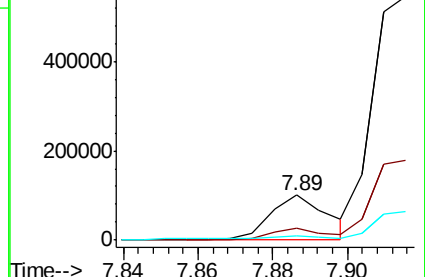
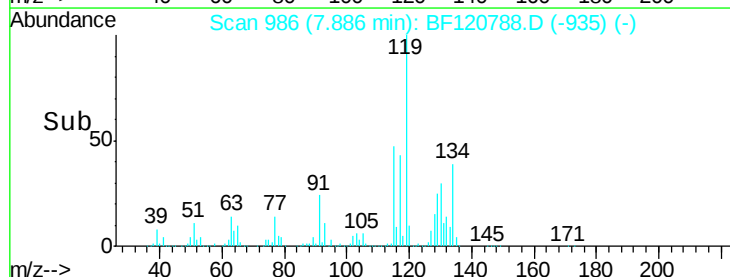
123 10.1 10.2 15.2#

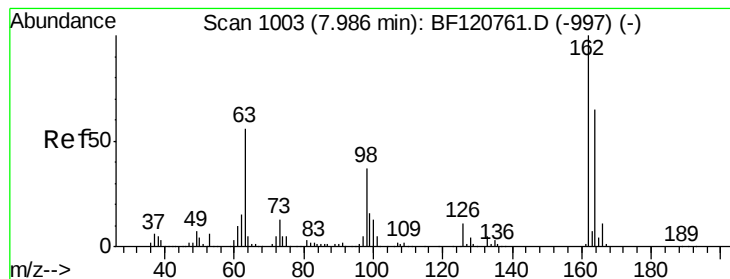


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 79.475 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

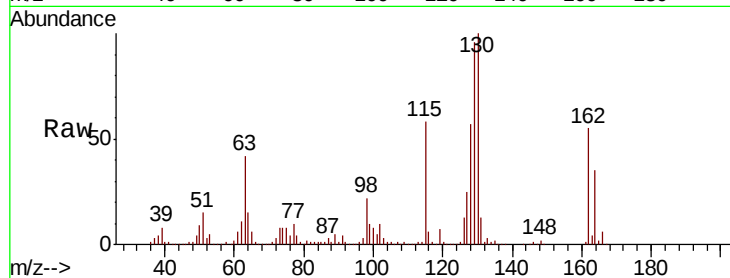
Tot Ion:162 Resp: 379745

Ion Ratio Lower Upper

162 100

164 63.1 45.2 85.2

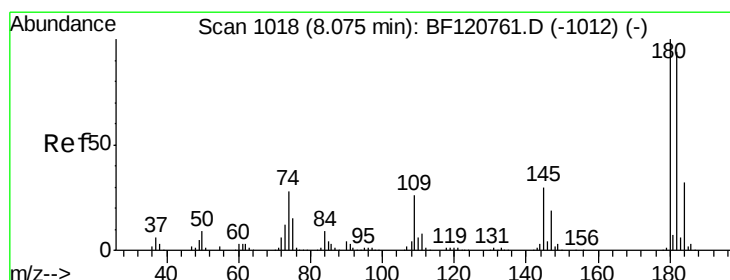
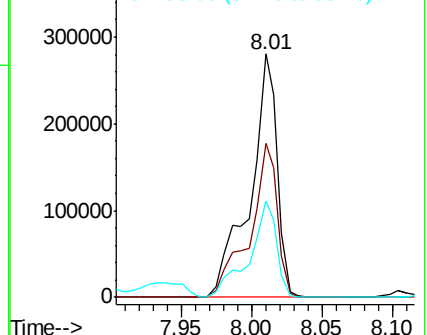
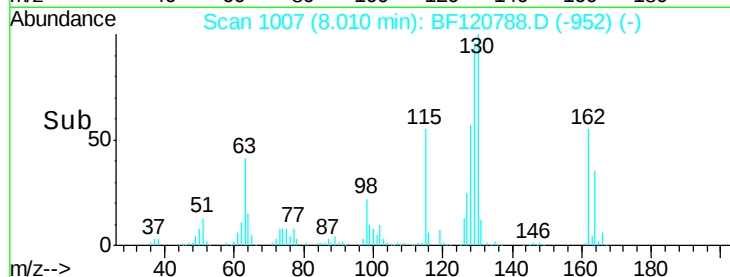
98 39.5 17.0 57.0



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: 82.588 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.04 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

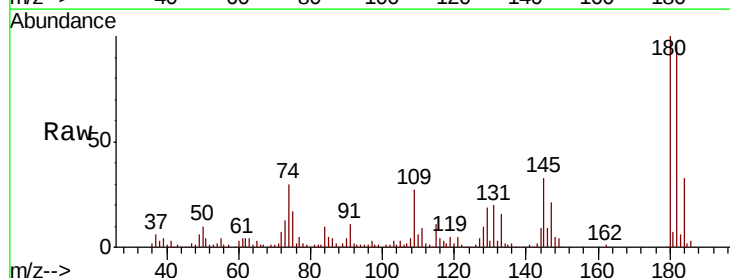
Tgt Ion:180 Resp: 443232

Ion Ratio Lower Upper

180 100

182 96.3 75.5 113.3

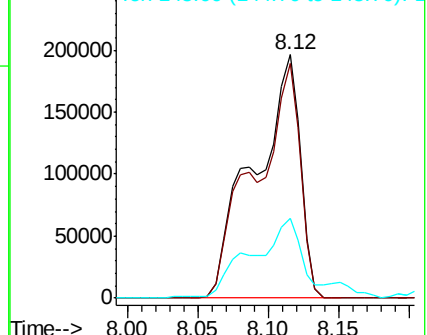
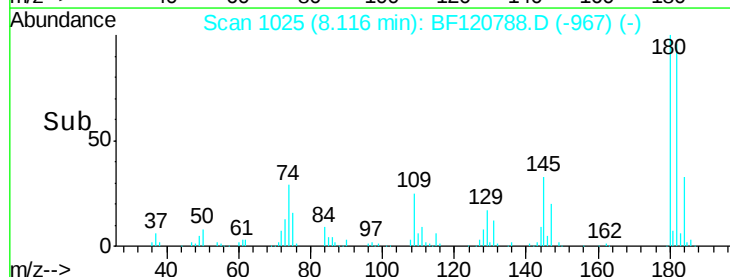
145 33.0 24.1 36.1

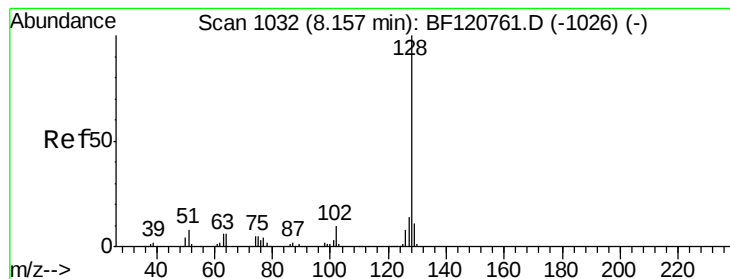


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 659.516 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.05 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

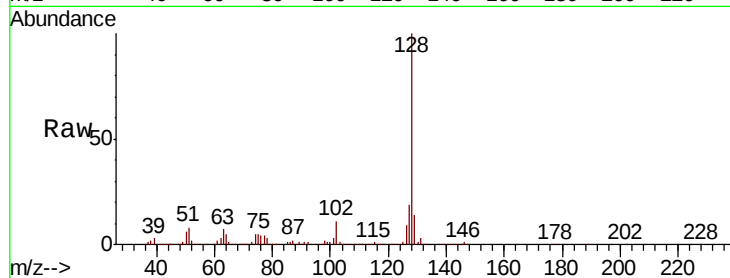
Tot Ion:128 Resp:11353399

Ion Ratio Lower Upper

128 100

129 13.9 9.2 13.8#

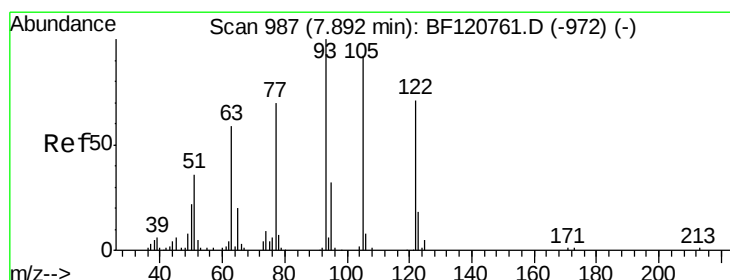
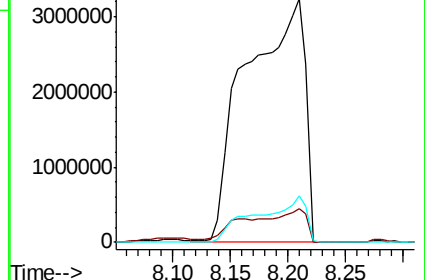
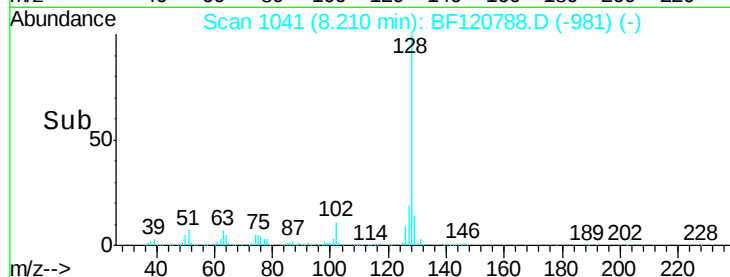
127 18.9 11.1 16.7#



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: 22.955 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

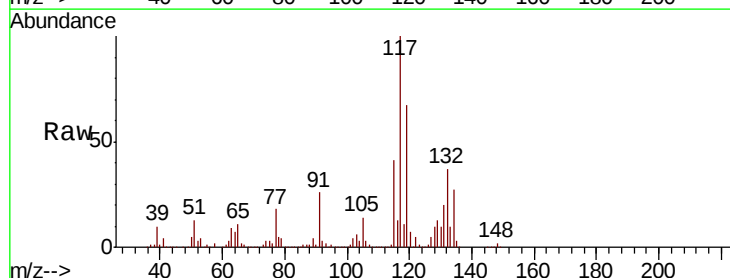
Tgt Ion:122 Resp: 69507

Ion Ratio Lower Upper

122 100

105 255.9 105.8 145.8#

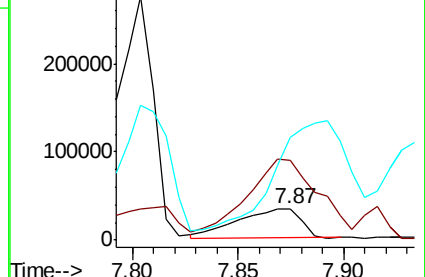
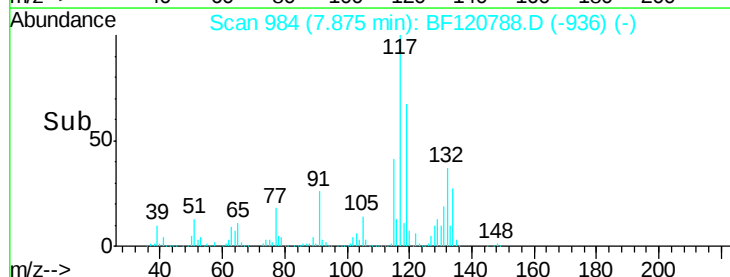
77 327.6 77.3 117.3#

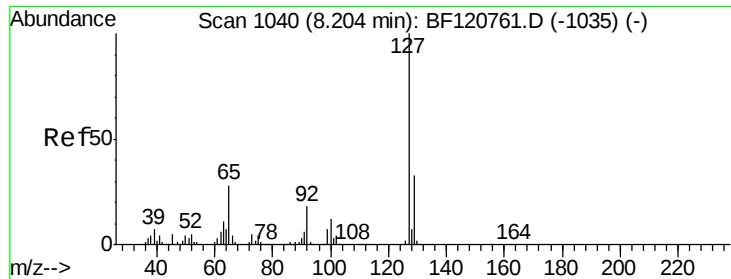


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

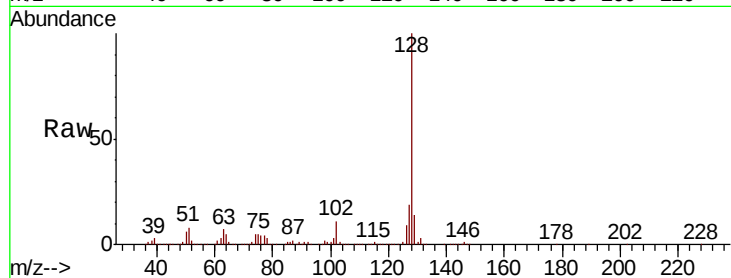




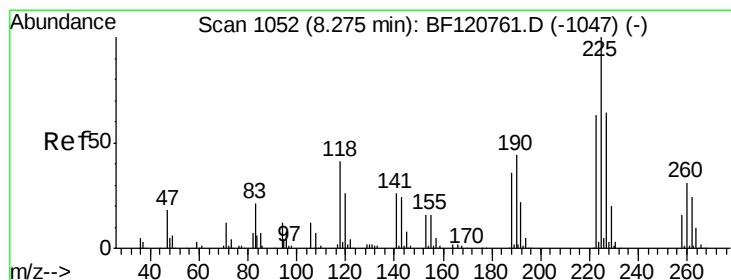
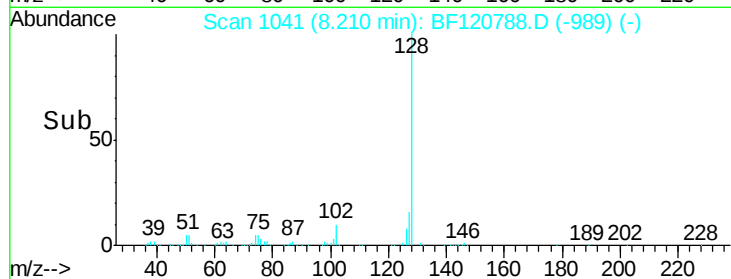
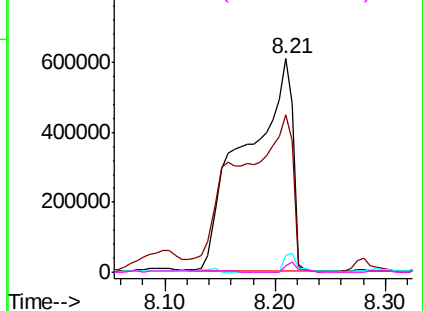
#33
4-Chloroaniline
Concen: 247.246 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Instrument :
BNA_F
ClientSampleId :
MW-14MSD

Tot Ion:127 Resp: 1806115
Ion Ratio Lower Upper
127 100
129 73.9 26.6 39.8#
65 7.7 22.7 34.1#
92 3.3 14.3 21.5#

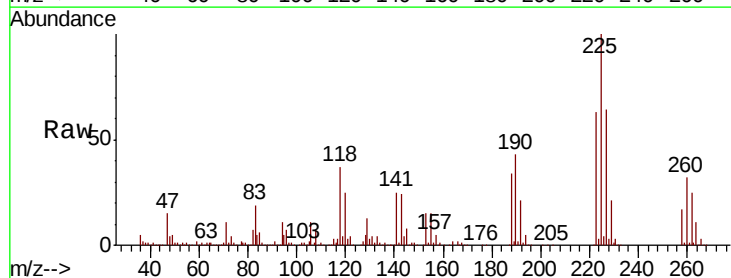


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

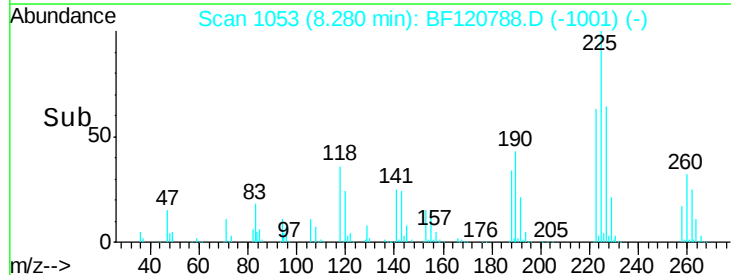
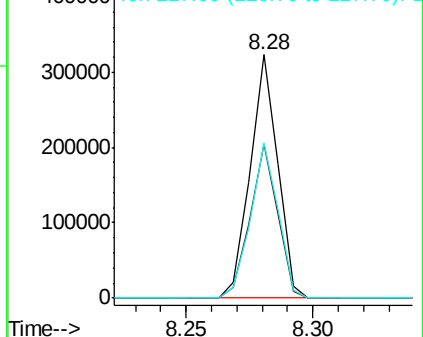


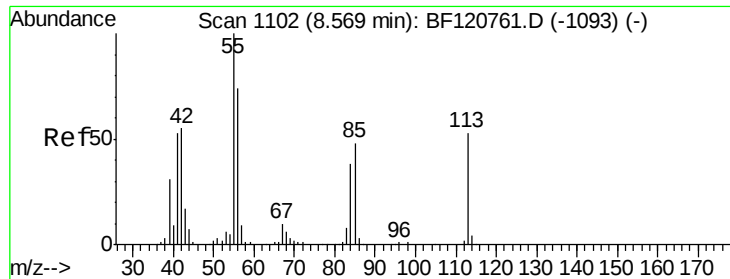
#34
Hexachlorobutadiene
Concen: 75.735 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion:225 Resp: 244451
Ion Ratio Lower Upper
225 100
223 63.4 50.6 76.0
227 63.7 51.4 77.2



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





#35

Caprolactam

Concen: 29.864 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. 0.04 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleID :

MW-14MSD

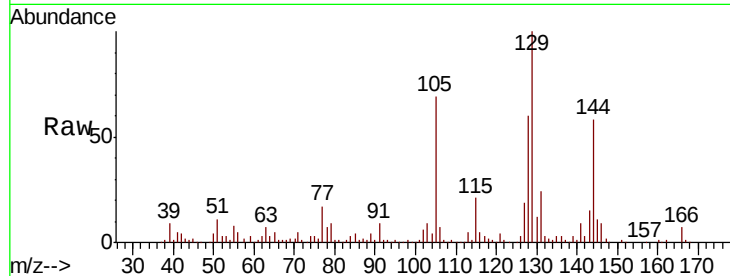
Tot Ion:113 Resp: 41579

Ion Ratio Lower Upper

113 100

55 168.6 168.3 208.3

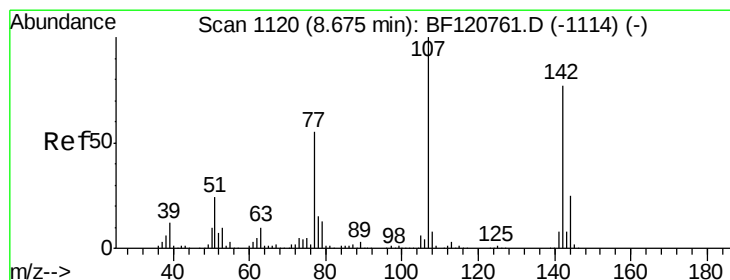
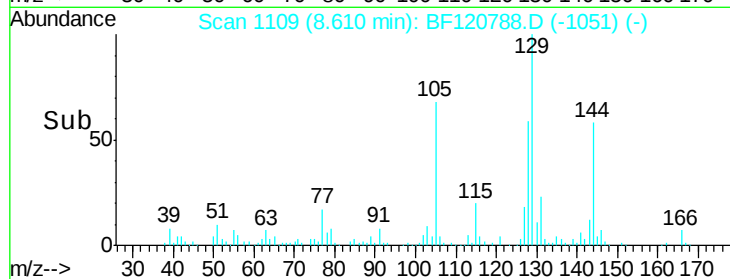
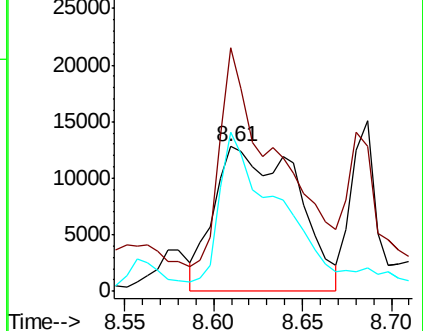
56 110.2 118.8 158.8#



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: 76.229 ng/mL

RT: 8.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

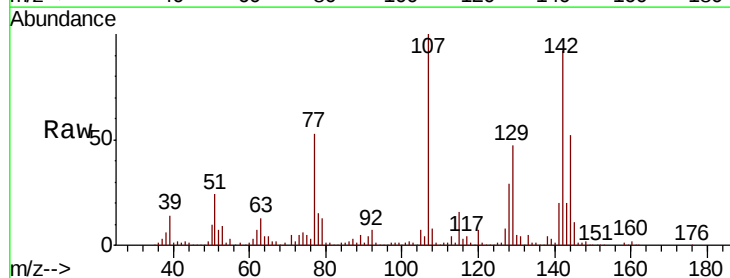
Tgt Ion:107 Resp: 378884

Ion Ratio Lower Upper

107 100

144 52.2 19.7 29.5#

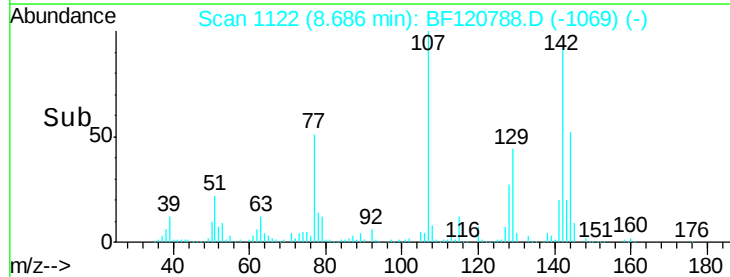
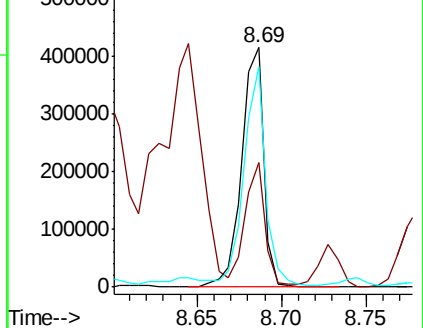
142 91.8 61.2 91.8#

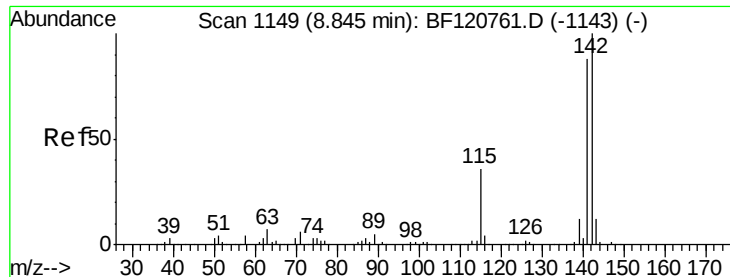


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

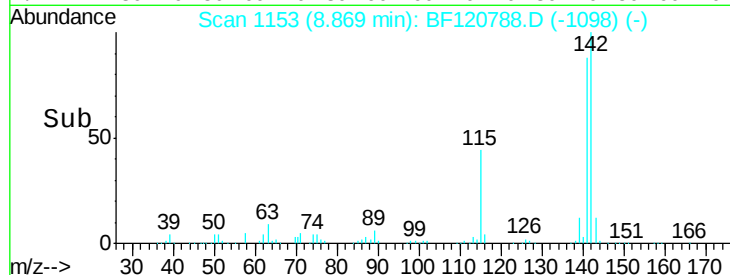
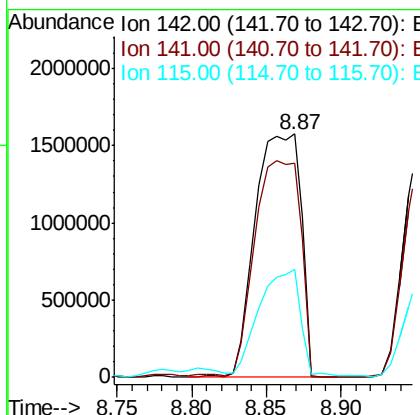
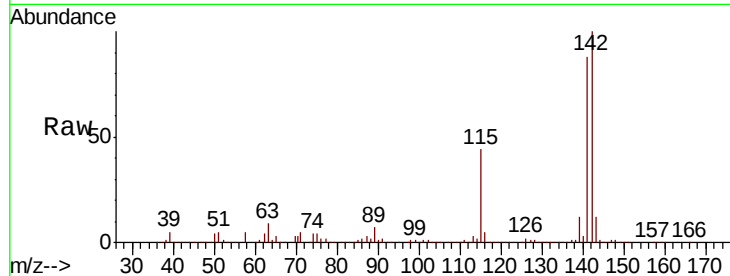




#37
2-Methylnaphthalene
Concen: 299.407 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

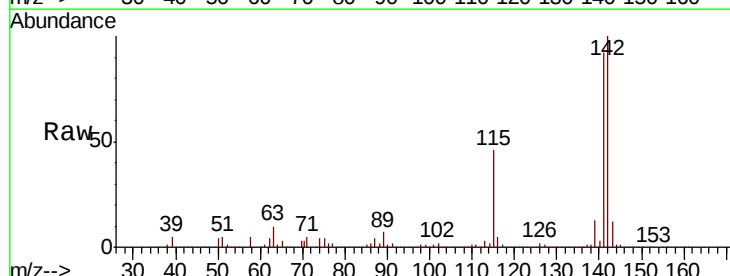
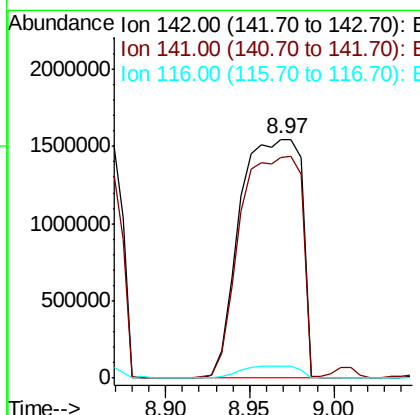
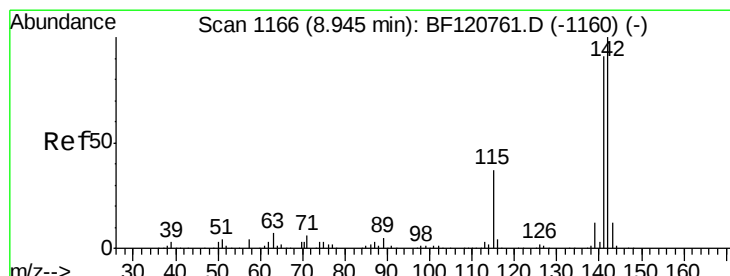
Instrument :
BNA_F
ClientSampleId :
MW-14MSD

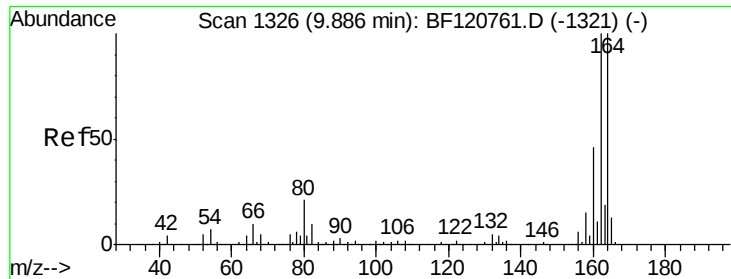
Tot Ion:142 Resp: 3350582
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.4
115 44.2 29.0 43.4#



#38
1-Methylnaphthalene
Concen: 371.373 ng m
RT: 8.97 min Scan# 1170
Delta R.T. 0.02 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion:142 Resp: 3892854
Ion Ratio Lower Upper
142 100
141 92.1 72.5 108.7
116 5.1 3.1 4.7#

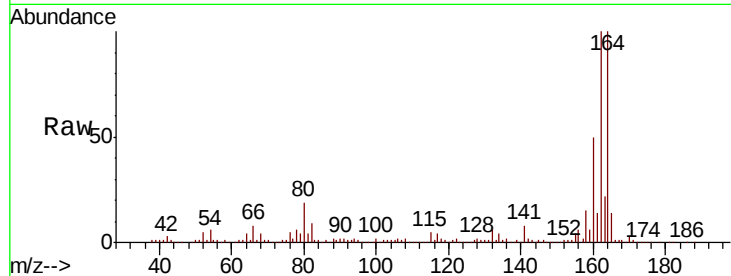




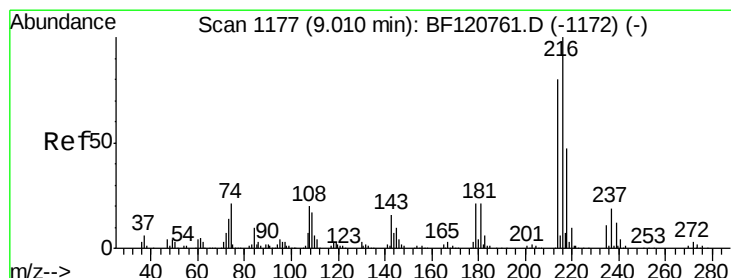
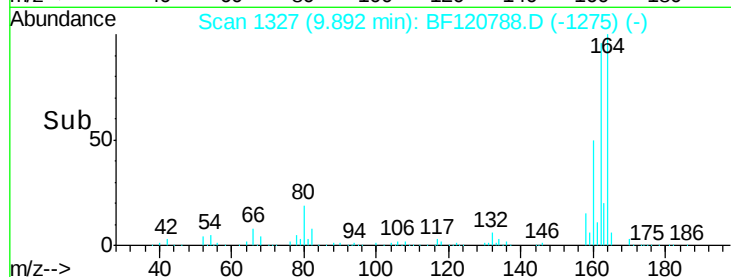
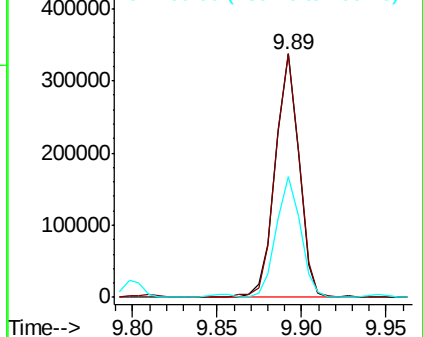
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Instrument :
BNA_F
ClientSampleId :
MW-14MSD

Tot Ion:164 Resp: 322646
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 49.8 36.9 55.3

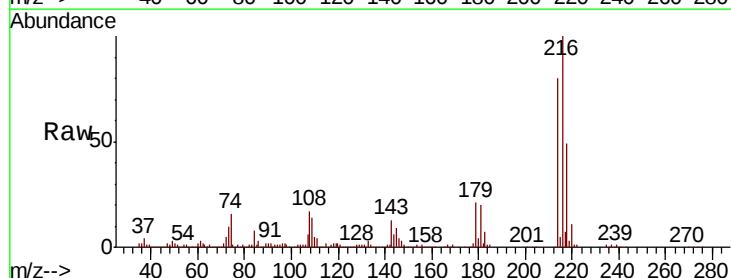


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

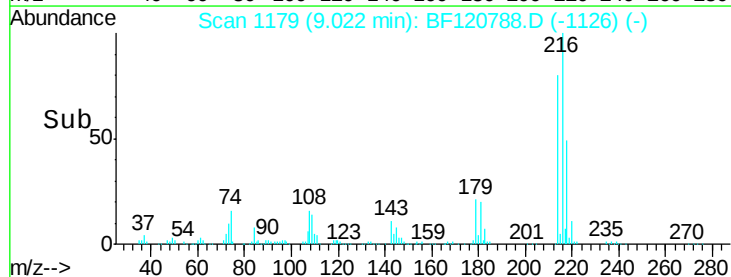
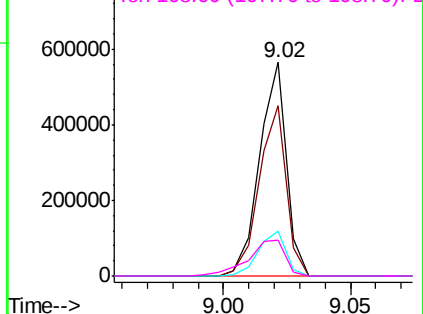


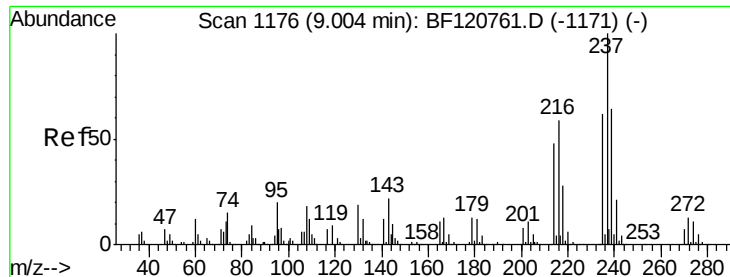
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.812 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion:216 Resp: 417469
Ion Ratio Lower Upper
216 100
214 80.5 63.7 95.5
179 21.3 16.7 25.1
108 22.8 17.0 25.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.656 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

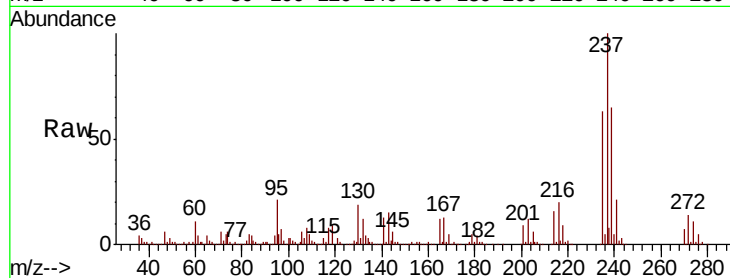
Tot Ion:237 Resp: 453161

Ion Ratio Lower Upper

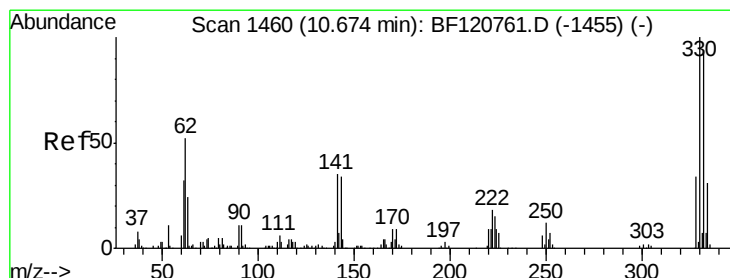
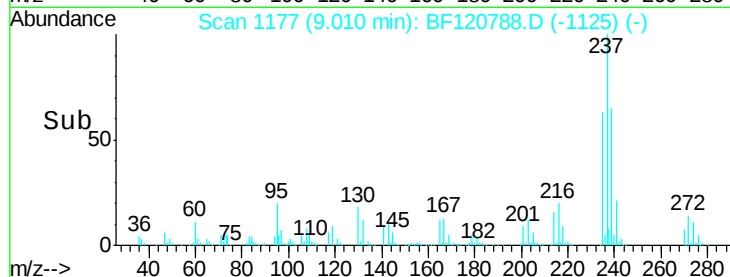
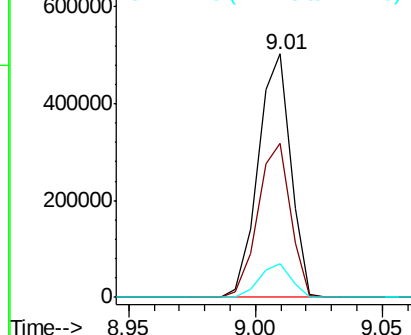
237 100

235 63.1 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: 149.668 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

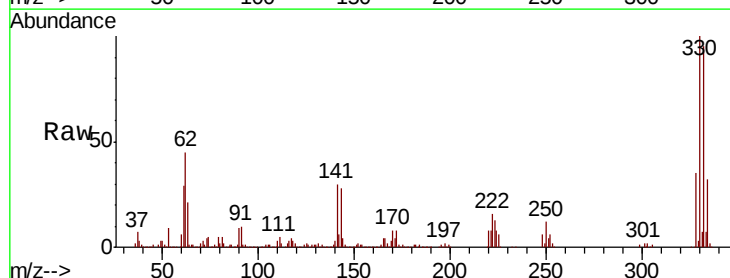
Tgt Ion:330 Resp: 485140

Ion Ratio Lower Upper

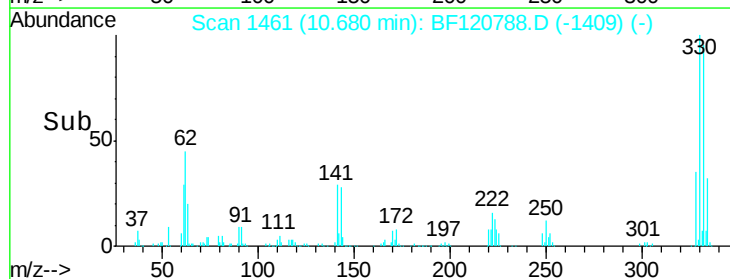
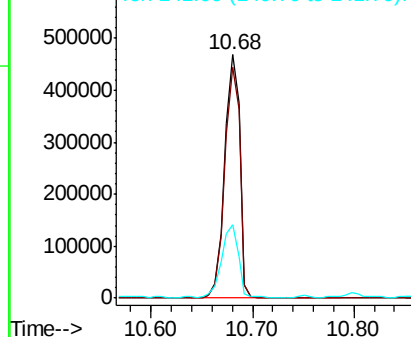
330 100

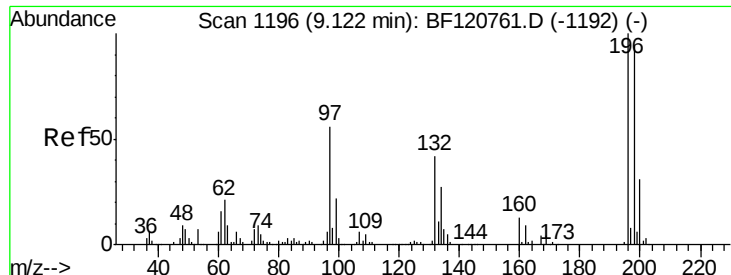
332 95.2 75.8 113.6

141 32.5 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

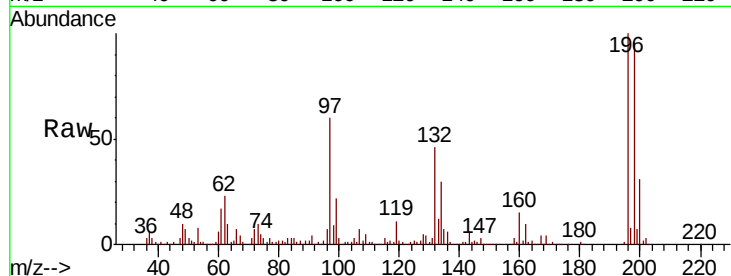




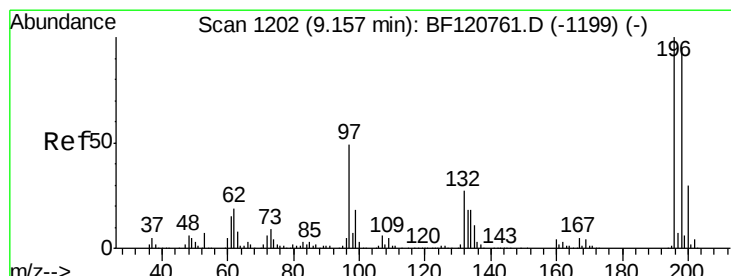
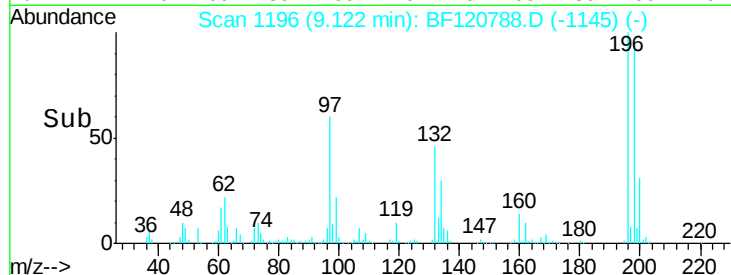
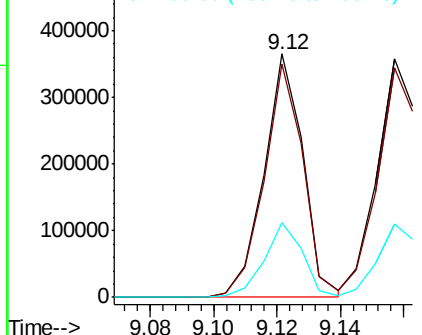
#43
 2,4,6-Trichlorophenol
 Concen: 46.963 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-14MSD

Tot Ion	196	Resp	312048
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.3	112.9
200	30.5	24.4	36.6



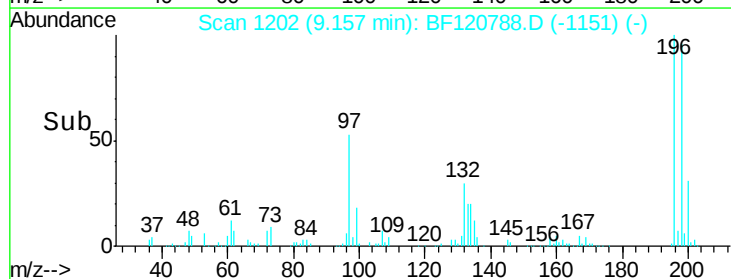
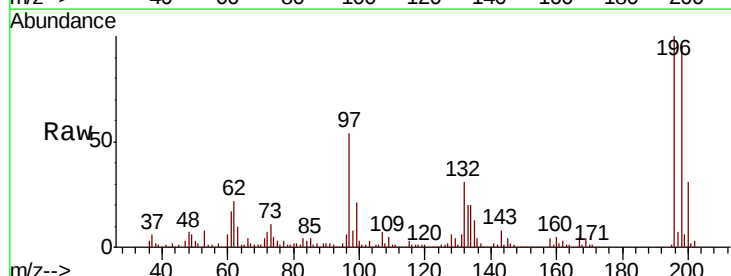
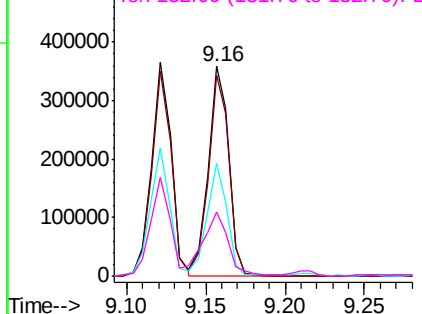
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

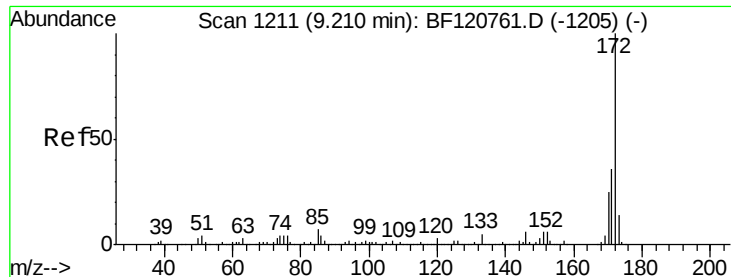


#44
 2,4,5-Trichlorophenol
 Concen: 43.892 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Tgt Ion	196	Resp	323660
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.2	114.2
97	53.9	39.6	59.4
132	30.6	22.0	33.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

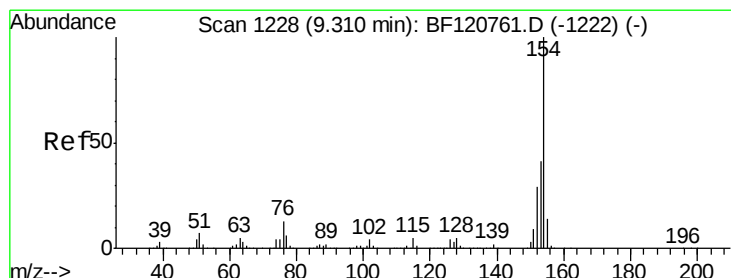
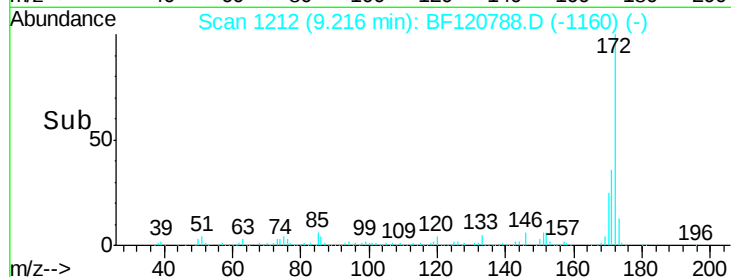
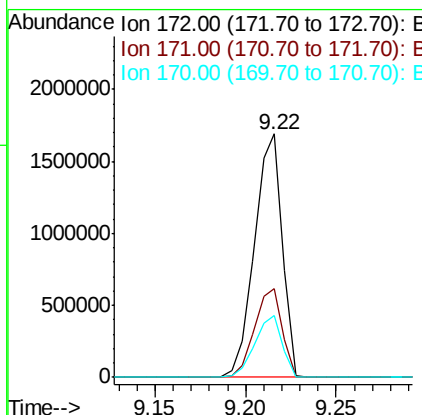
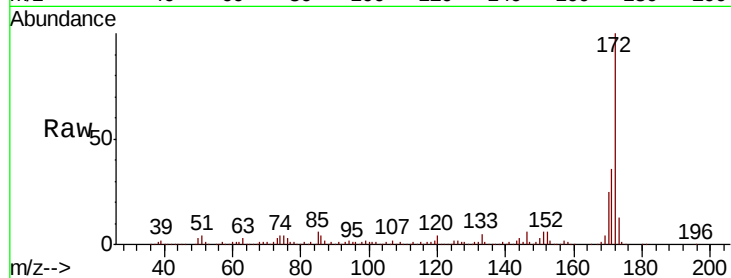




#45
2-Fluorobiphenyl
Concen: 83.923 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

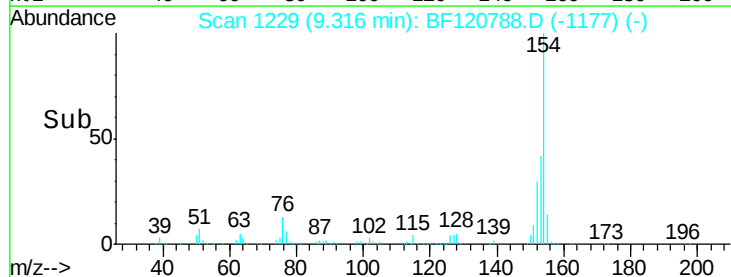
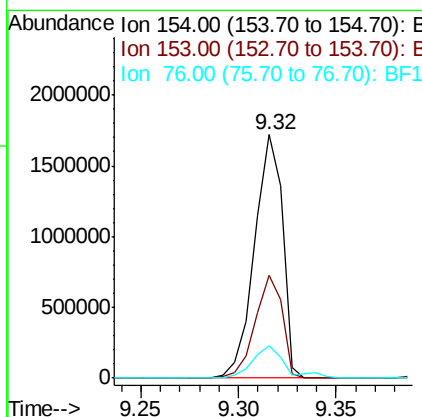
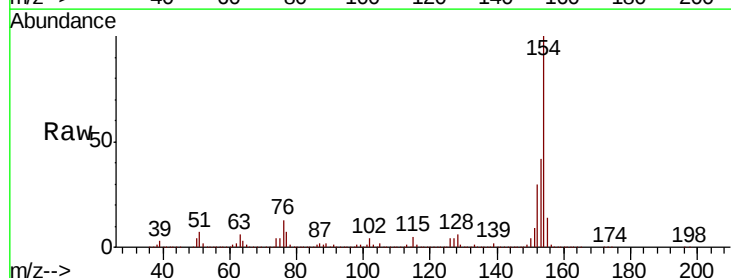
Instrument :
BNA_F
ClientSampleId :
MW-14MSD

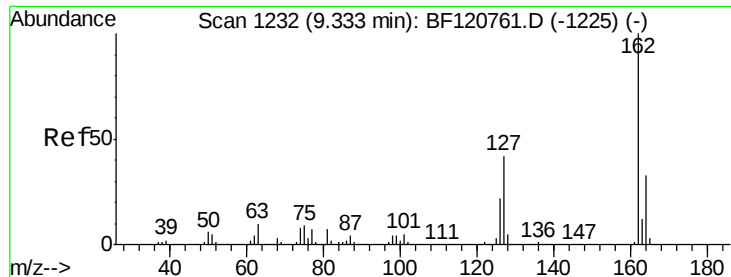
Tot Ion:172 Resp: 1789717
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 25.4 19.8 29.6



#46
1,1'-Biphenyl
Concen: 65.551 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion:154 Resp: 1705993
Ion Ratio Lower Upper
154 100
153 42.1 20.7 60.7
76 13.1 0.0 33.3

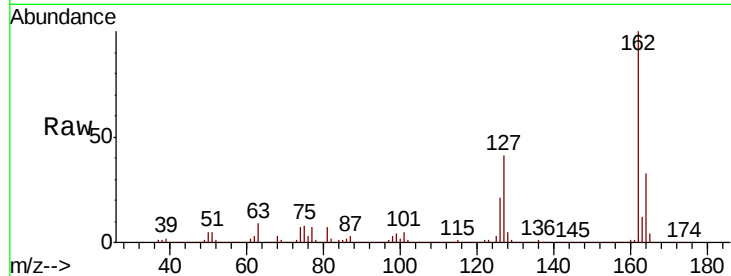




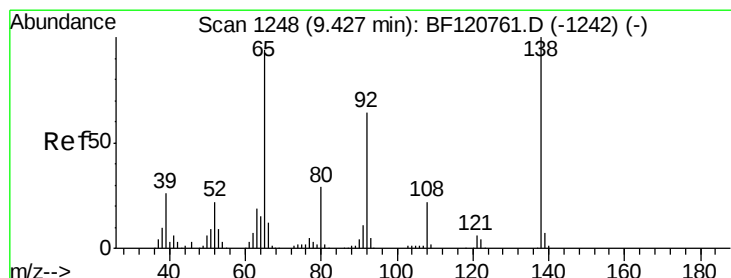
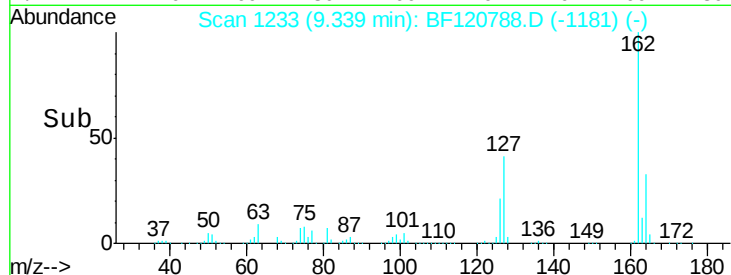
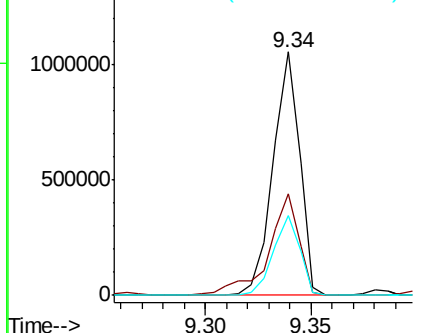
#47
 2-Chloronaphthalene
 Concen: 44.442 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-14MSD

Tot Ion:162 Resp: 926602
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.7 50.5
 164 33.0 26.4 39.6

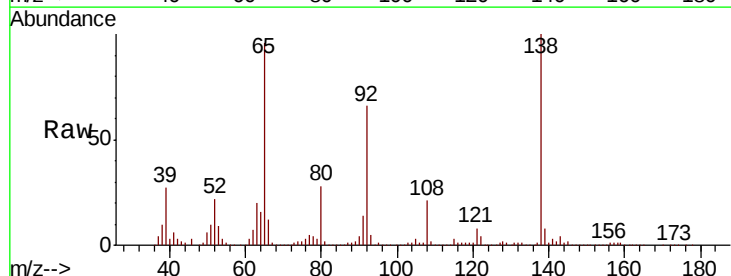


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

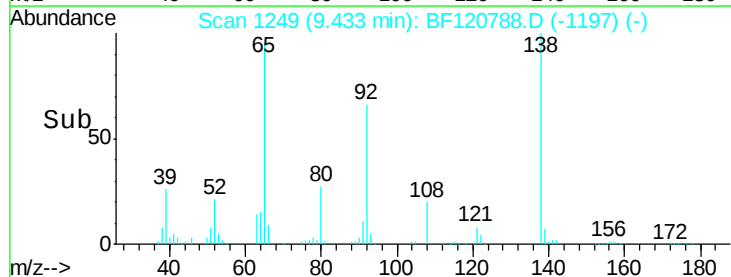
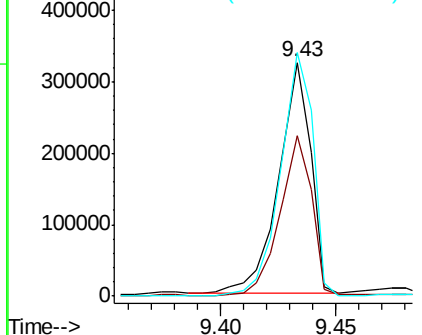


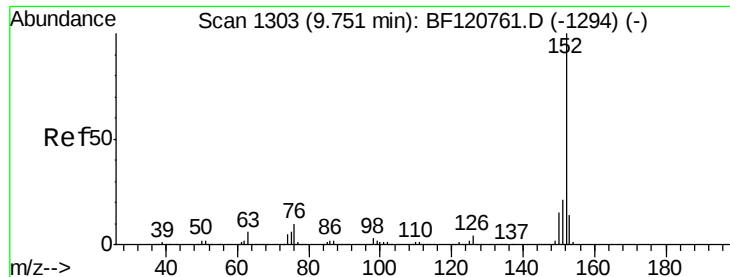
#48
 2-Nitroaniline
 Concen: 49.874 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Tgt Ion: 65 Resp: 312040
 Ion Ratio Lower Upper
 65 100
 92 68.7 54.4 81.6
 138 104.2 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: 44.675 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

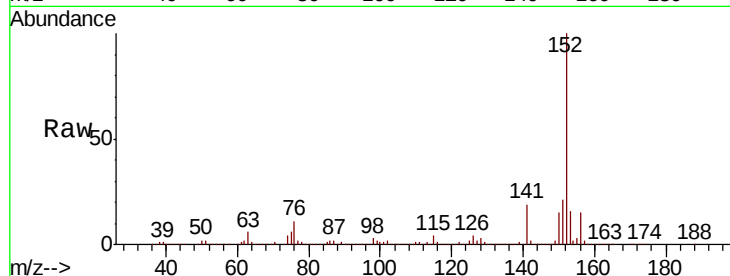
Tot Ion:152 Resp: 1460374

Ion Ratio Lower Upper

152 100

151 21.3 16.9 25.3

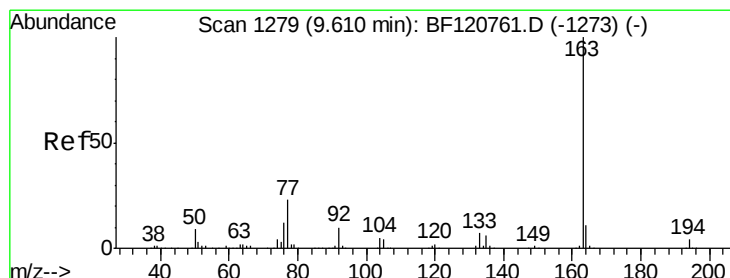
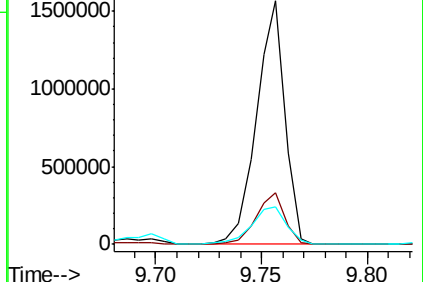
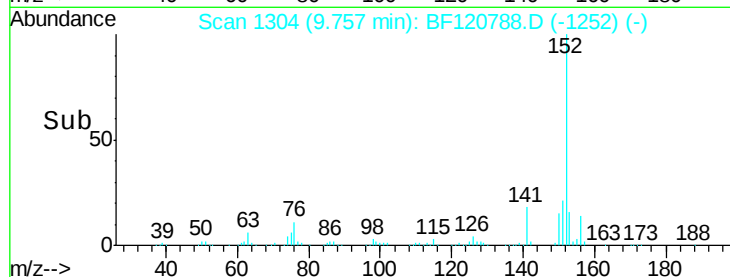
153 15.7 10.8 16.2



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: 52.434 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

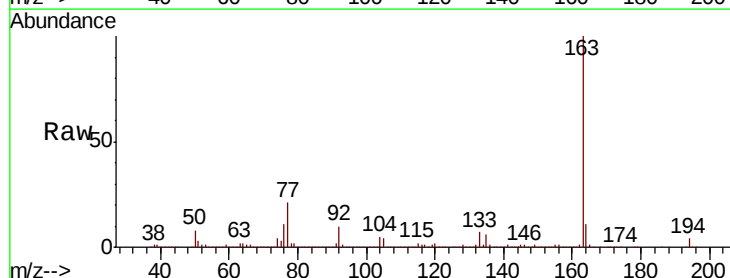
Tgt Ion:163 Resp: 1234110

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

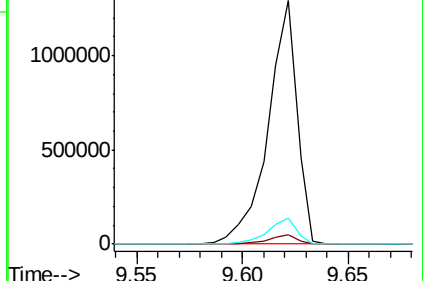
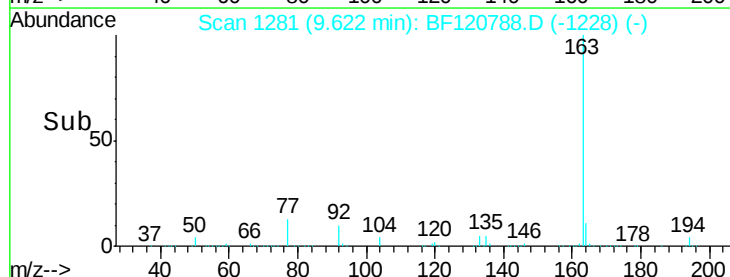
164 10.7 8.5 12.7

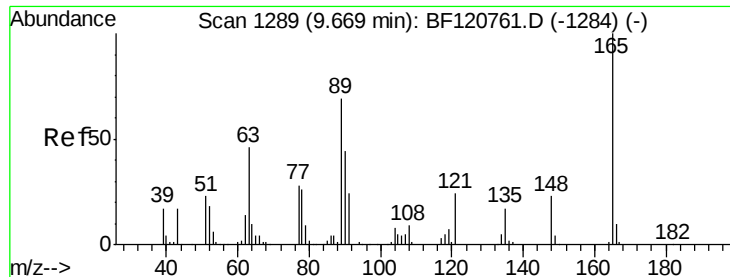


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.402 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

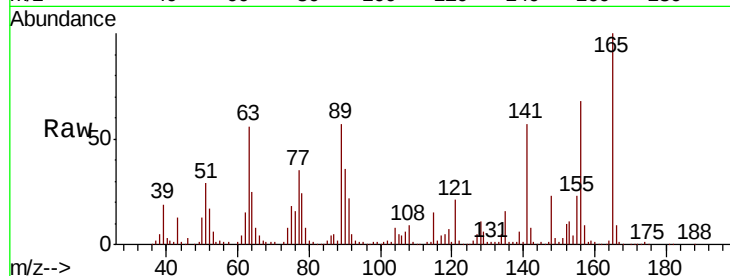
Tot Ion:165 Resp: 231413

Ion Ratio Lower Upper

165 100

63 56.3 54.0 81.0

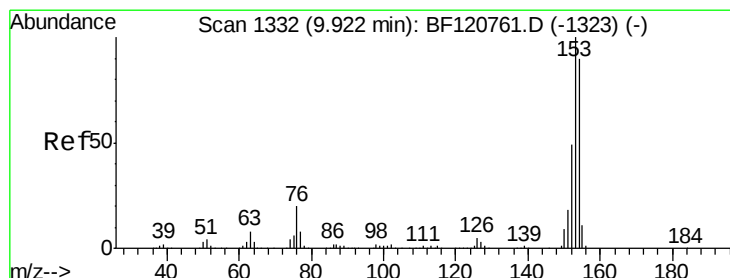
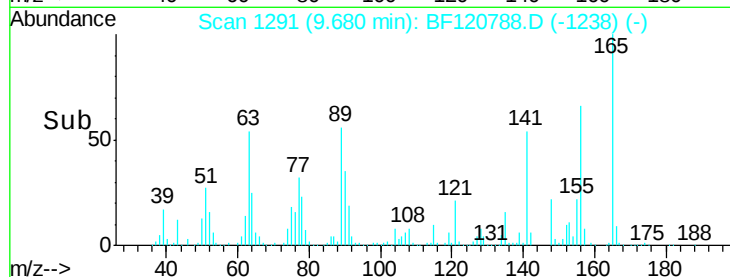
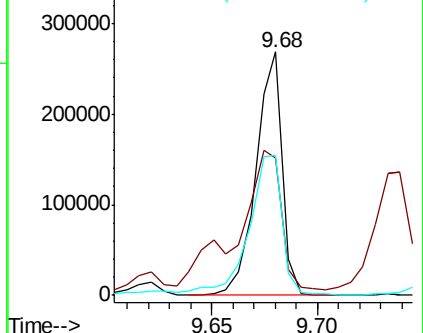
89 57.5 55.4 83.2



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



#52

Acenaphthene

Concen: 101.092 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

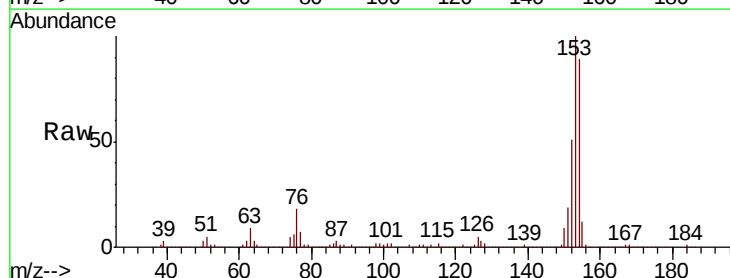
Tgt Ion:154 Resp: 2050059

Ion Ratio Lower Upper

154 100

153 111.8 88.6 132.8

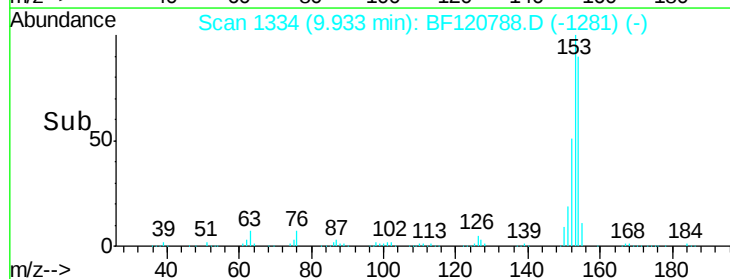
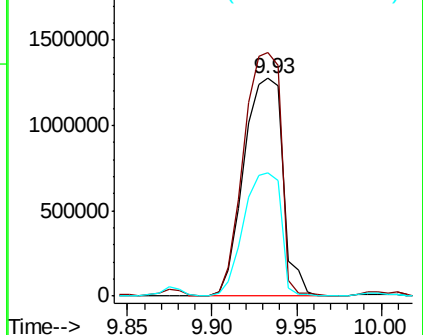
152 56.6 43.6 65.4

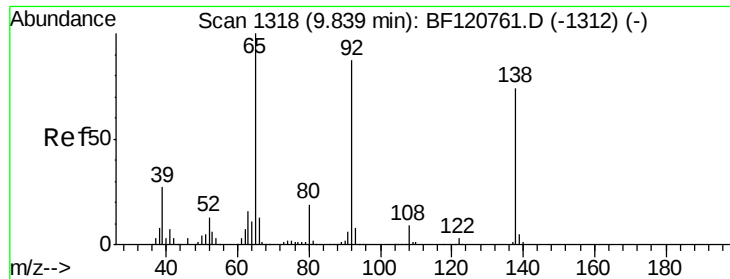


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

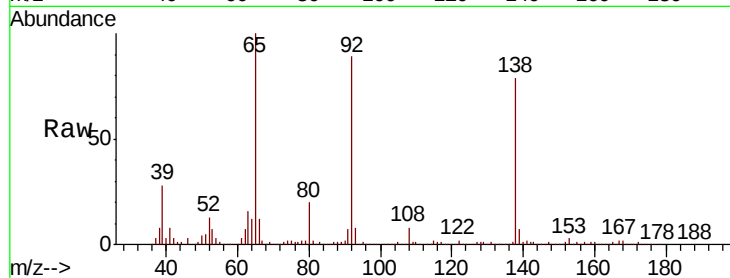




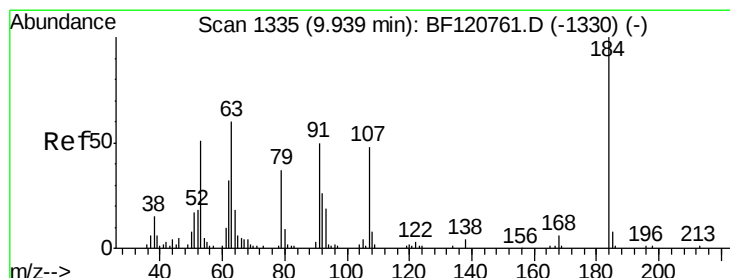
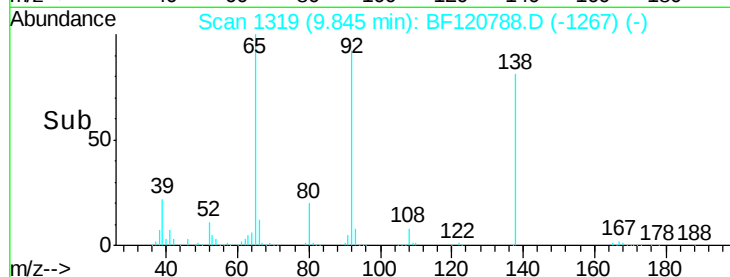
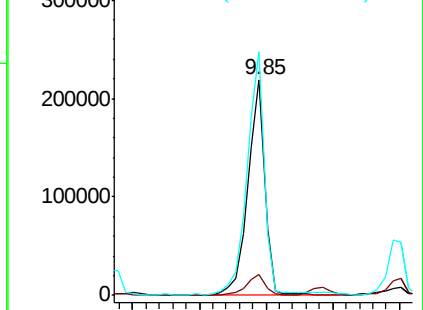
#53
3-Nitroaniline
Concen: 34.070 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Instrument :
BNA_F
ClientSampleId :
MW-14MSD

Tot Ion:138 Resp: 191689
Ion Ratio Lower Upper
138 100
108 9.9 9.8 14.6
92 112.9 93.4 140.2

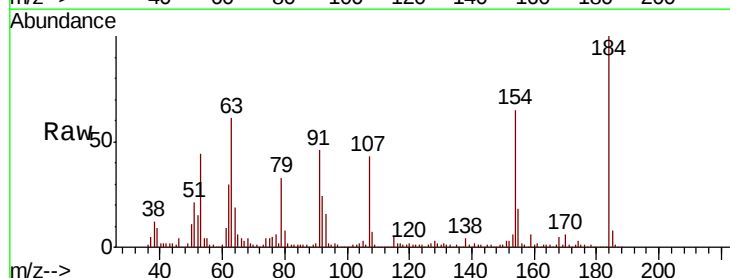


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

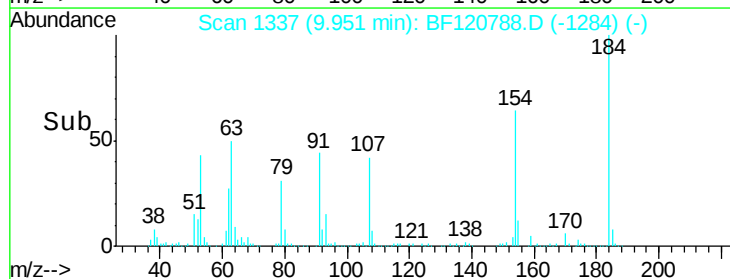
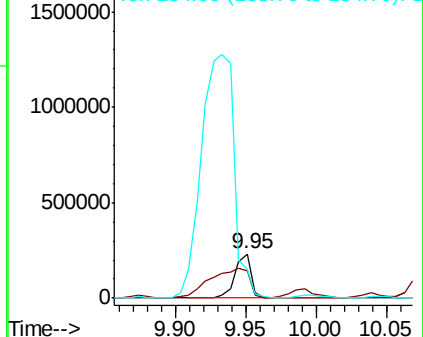


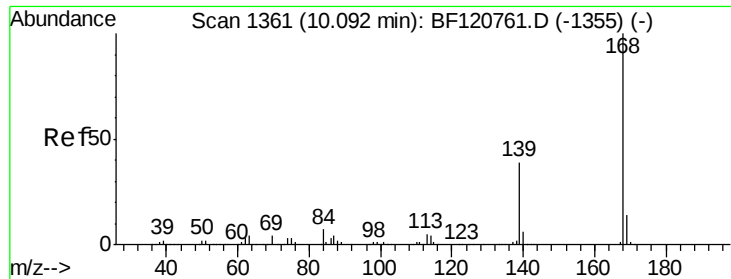
#54
2,4-Dinitrophenol
Concen: 98.809 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion:184 Resp: 186516
Ion Ratio Lower Upper
184 100
63 61.1 57.3 85.9
154 65.2 55.8 83.6



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





#55

Dibenzofuran

Concen: 45.295 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

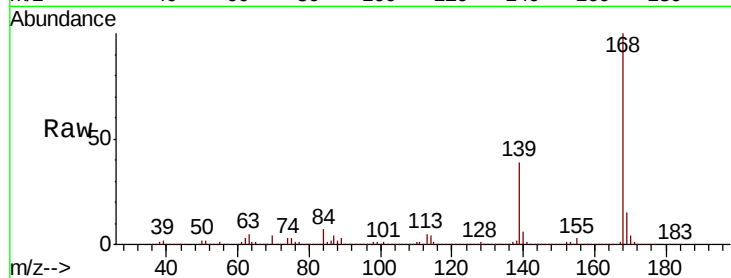
Tot Ion:168 Resp: 1324031

Ion Ratio Lower Upper

168 100

139 38.6 31.3 46.9

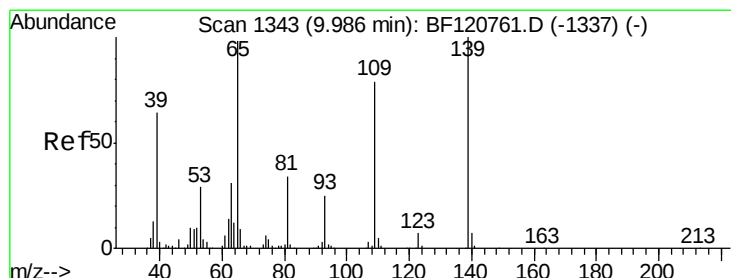
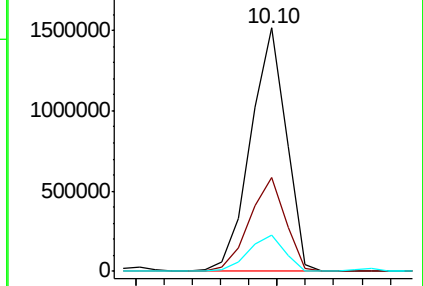
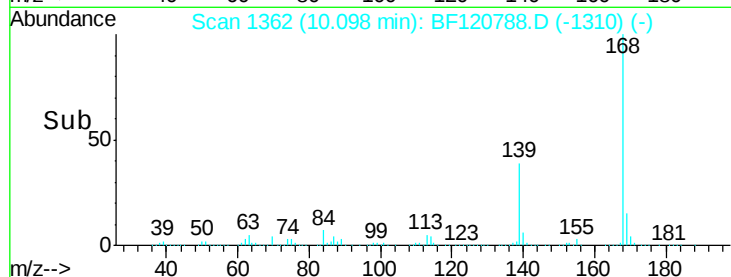
169 14.7 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 30.287 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

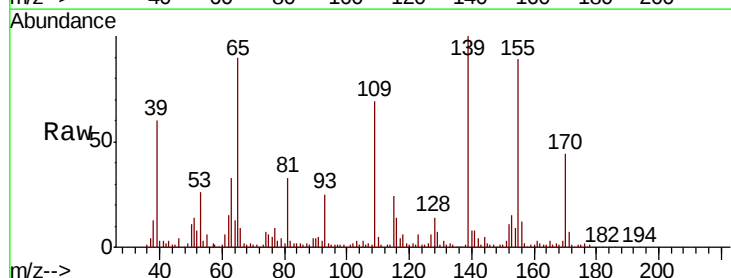
Tgt Ion:139 Resp: 124971

Ion Ratio Lower Upper

139 100

109 69.2 58.6 98.6

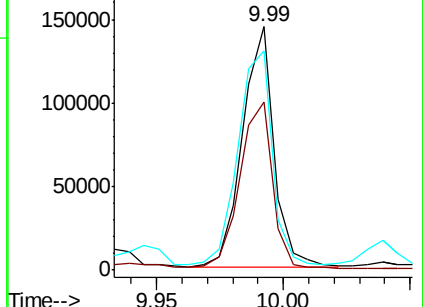
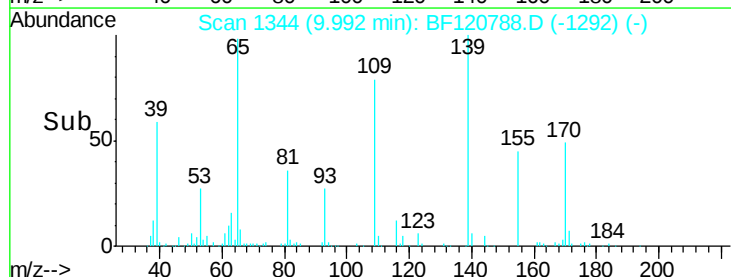
65 89.8 78.7 118.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

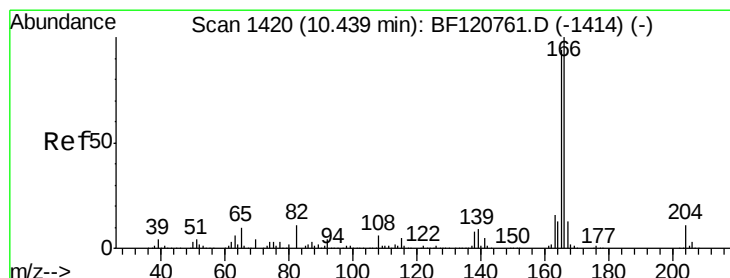
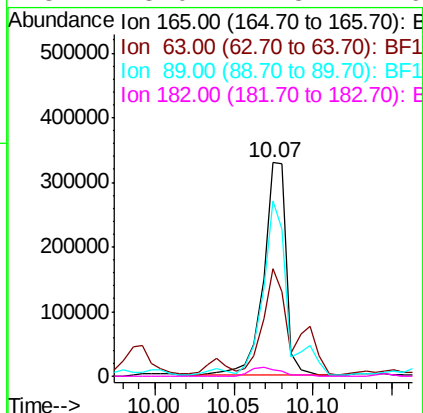
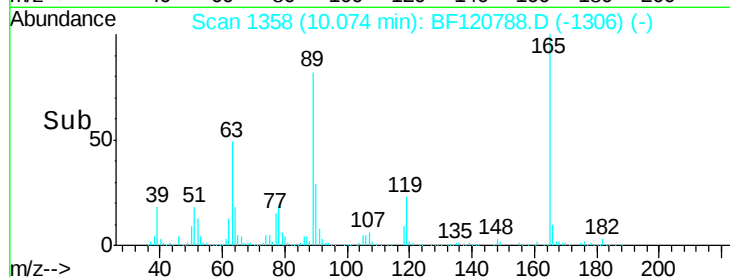
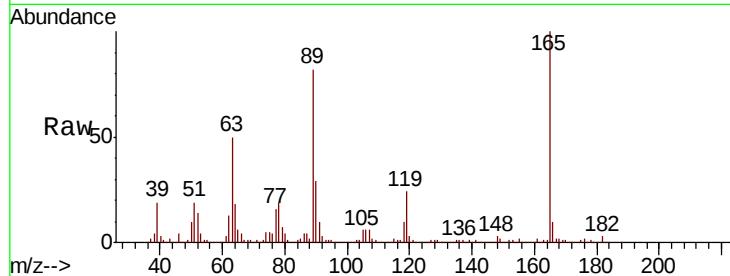




#57
 2,4-Dinitrotoluene
 Concen: 56.432 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

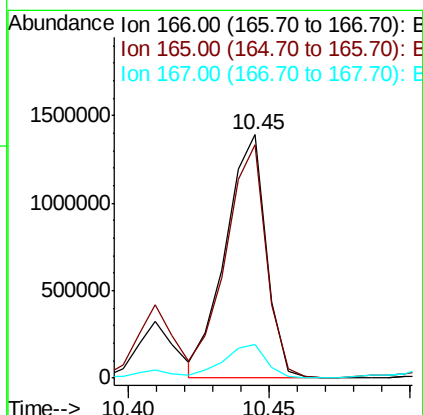
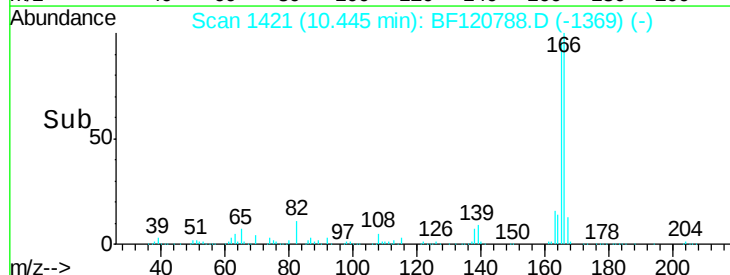
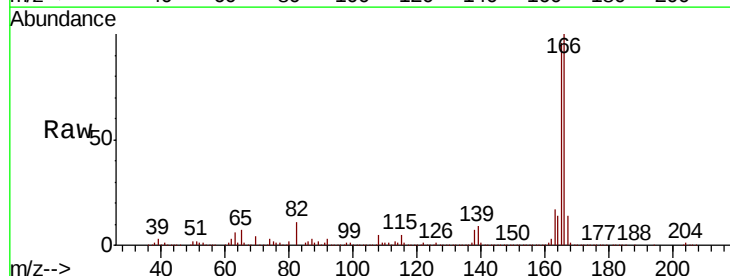
Instrument :
 BNA_F
 ClientSampleId :
 MW-14MSD

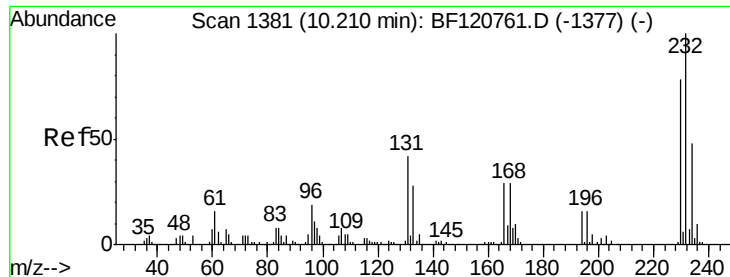
Tot Ion:165 Resp: 332168
 Ion Ratio Lower Upper
 165 100
 63 50.2 43.8 65.8
 89 82.3 71.4 107.2
 182 3.0 1.8 2.6#



#58
 Fluorene
 Concen: 63.712 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Tgt Ion:166 Resp: 1386231
 Ion Ratio Lower Upper
 166 100
 165 95.7 75.5 113.3
 167 13.8 10.6 16.0

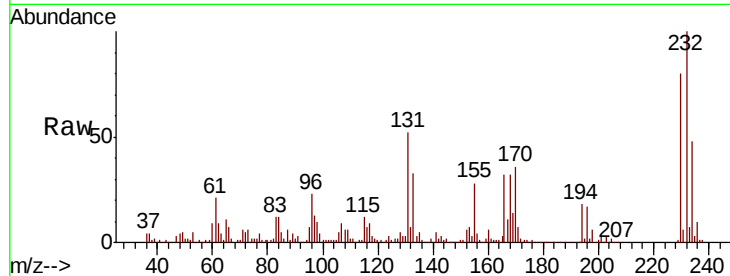




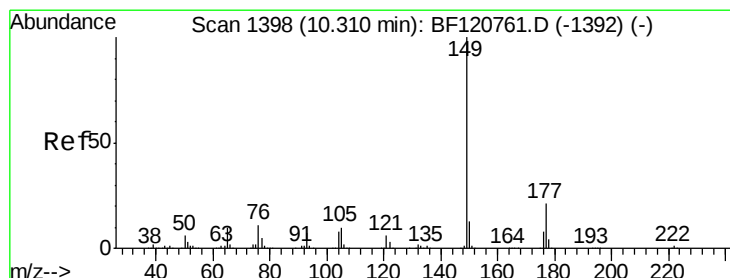
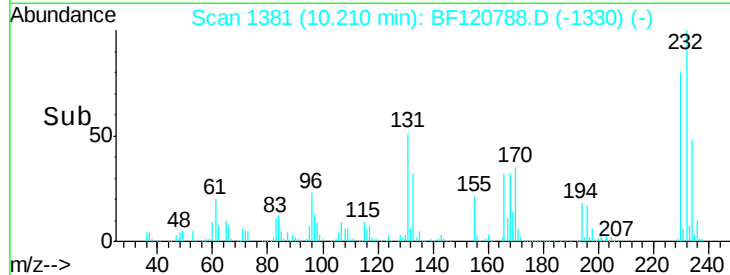
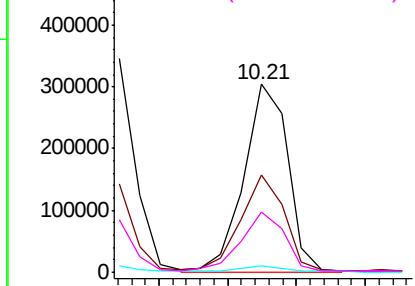
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.439 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Instrument :
BNA_F
ClientSampleId :
MW-14MSD

Tot Ion:	232	Resp:	271290
Ion	Ratio	Lower	Upper
232	100		
131	45.1	36.3	54.5
130	2.8	2.0	3.0
166	26.9	20.9	31.3

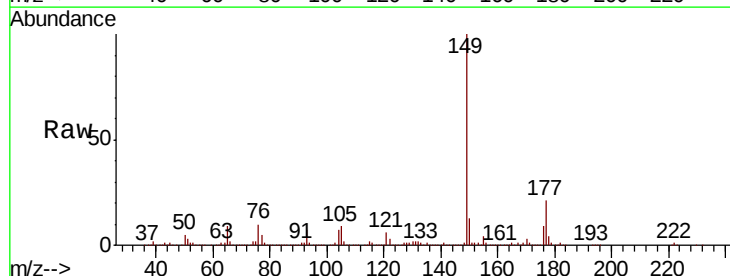


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

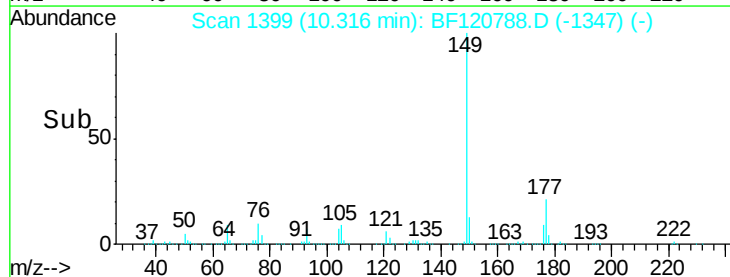
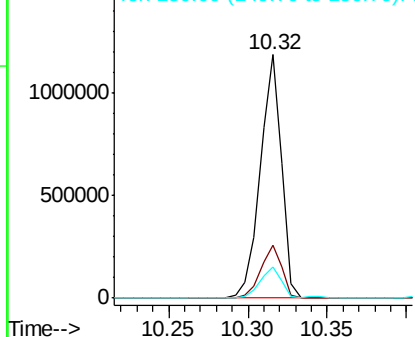


#60
Diethylphthalate
Concen: 45.270 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion:	149	Resp:	1109927
Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.4	24.6
150	12.8	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

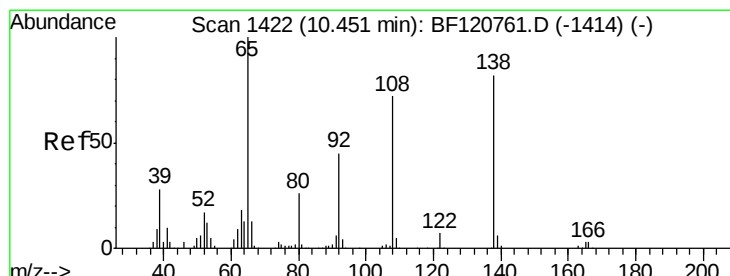
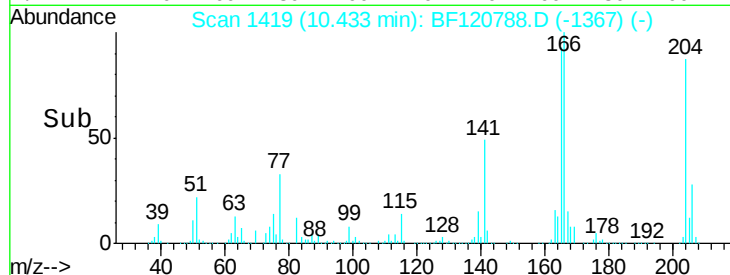
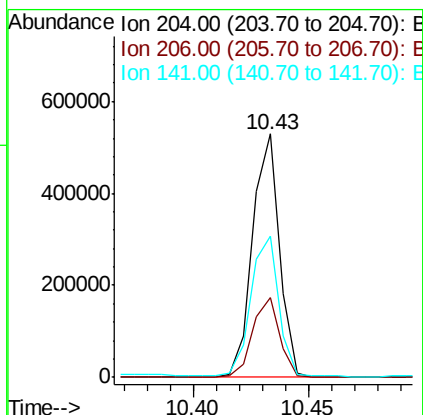
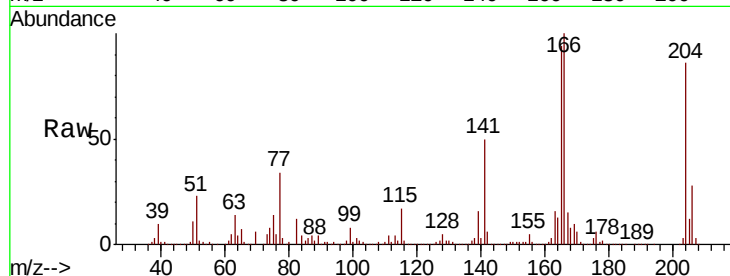




#61
 4-Chlorophenyl-phenylether
 Concen: 39.474 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

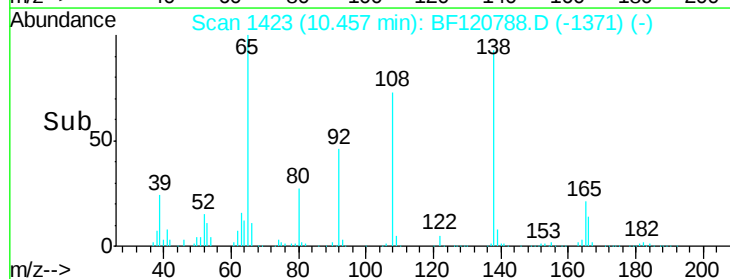
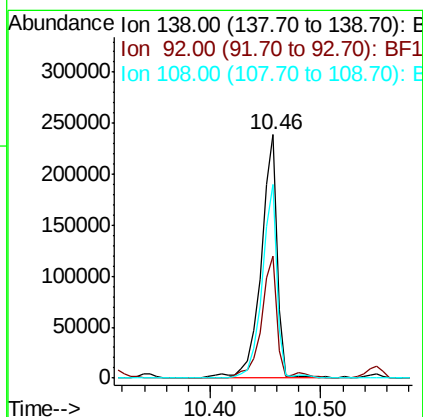
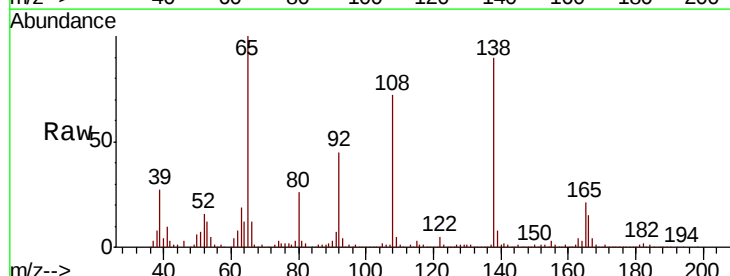
Instrument :
 BNA_F
 ClientSampleId :
 MW-14MSD

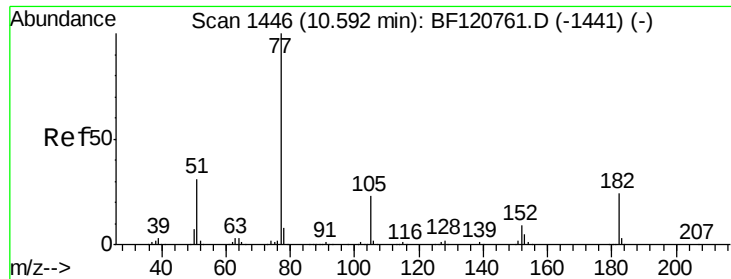
Tot Ion:204 Resp: 431756
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.7 40.1
 141 58.3 48.5 72.7



#62
 4-Nitroaniline
 Concen: 48.368 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Tgt Ion:138 Resp: 241877
 Ion Ratio Lower Upper
 138 100
 92 50.0 34.3 74.3
 108 79.8 68.3 108.3

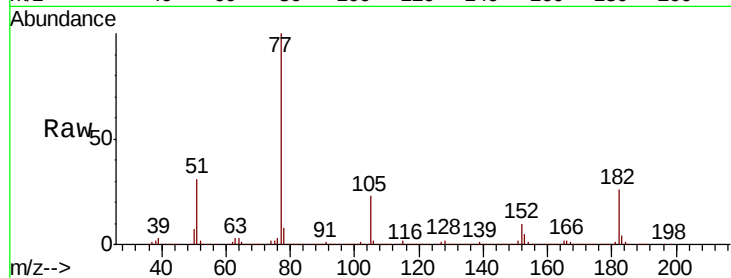




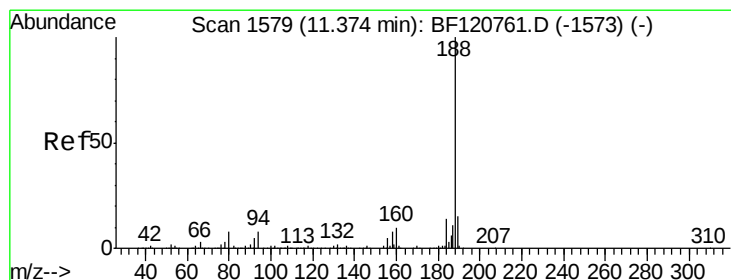
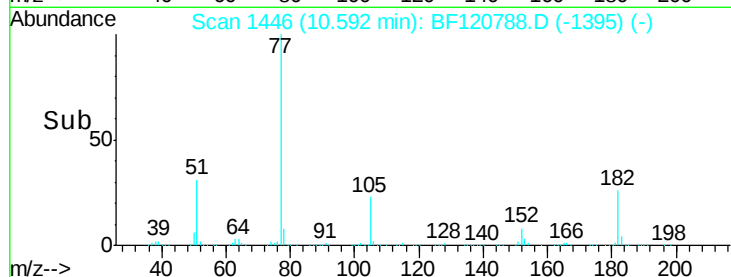
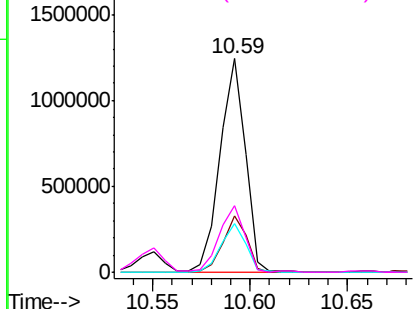
#63
Azobenzene
Concen: 43.914 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Instrument :
BNA_F
ClientSampleId :
MW-14MSD

Tot Ion: 77 Resp: 1101405
Ion Ratio Lower Upper
77 100
182 26.4 4.0 44.0
105 22.7 2.6 42.6
51 31.3 11.5 51.5

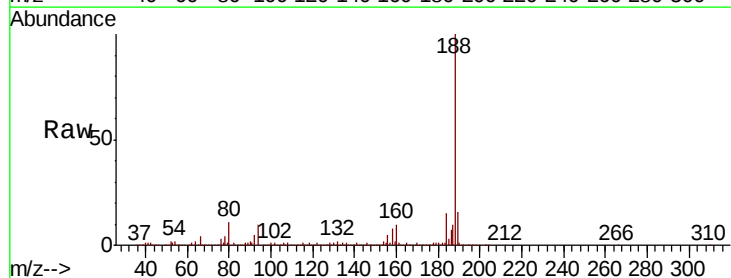


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

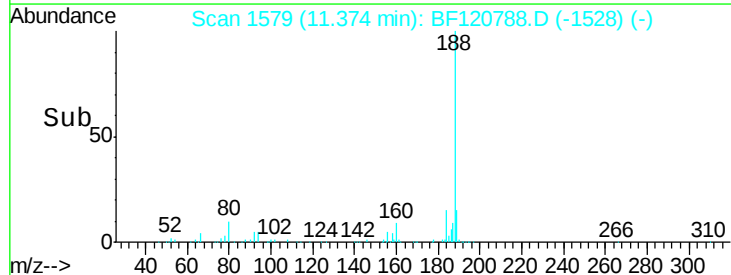
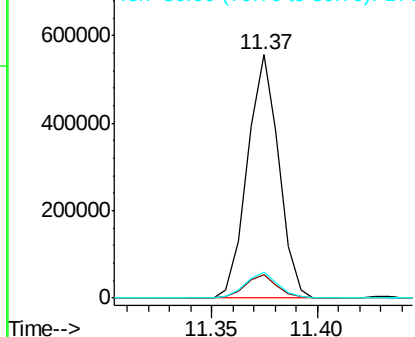


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion: 188 Resp: 573051
Ion Ratio Lower Upper
188 100
94 9.6 6.6 9.8
80 10.5 6.6 10.0#



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

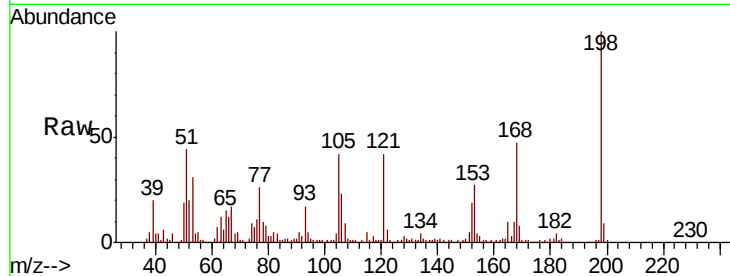




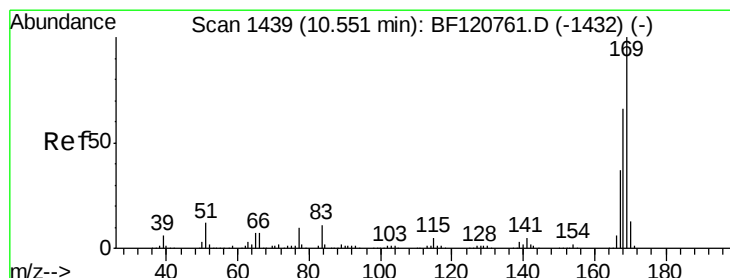
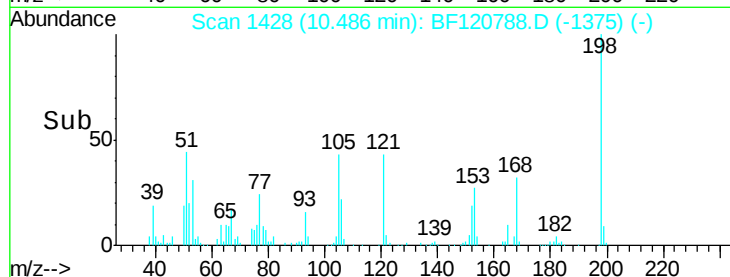
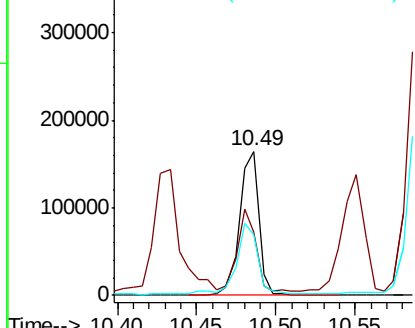
#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.501 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-14MSD

Tot Ion:198 Resp: 139658
 Ion Ratio Lower Upper
 198 100
 51 44.1 50.0 90.0#
 105 42.2 38.3 78.3

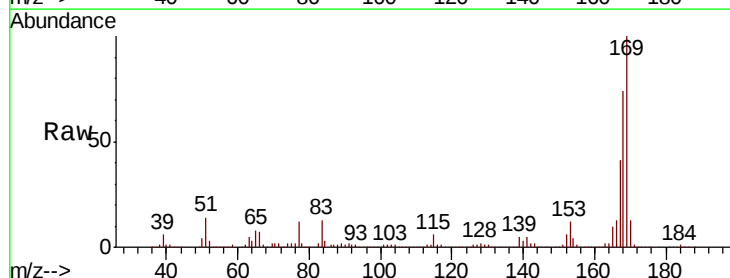


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

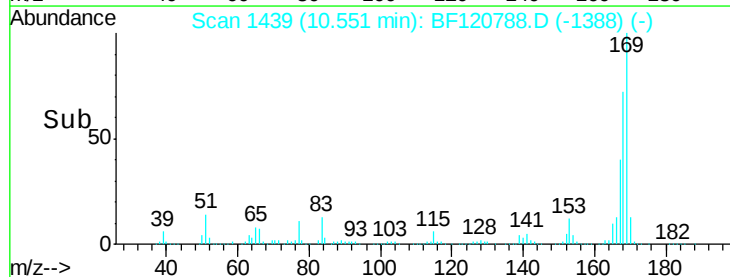
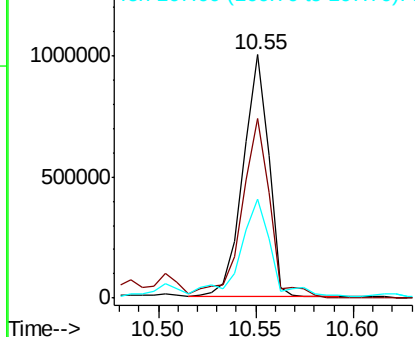


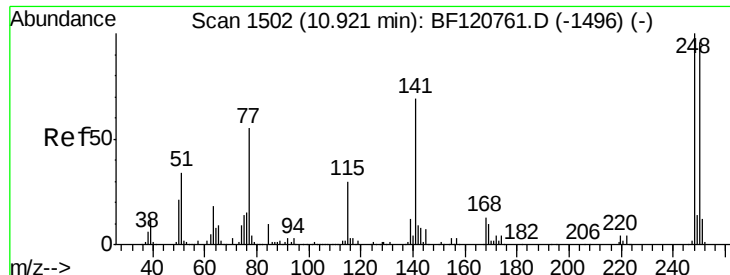
#66
 n-Nitrosodiphenylamine
 Concen: 47.502 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Tgt Ion:169 Resp: 912383
 Ion Ratio Lower Upper
 169 100
 168 73.9 53.1 79.7
 167 40.9 29.6 44.4



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

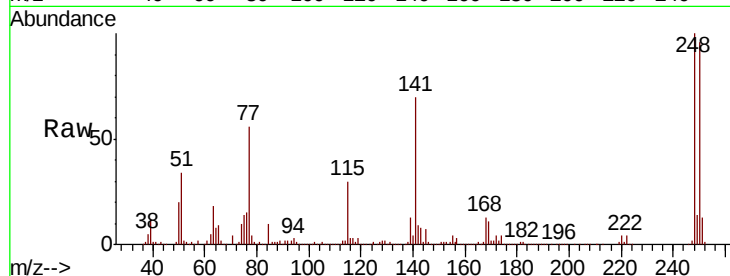




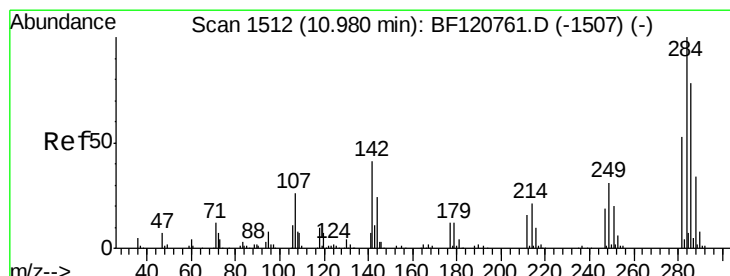
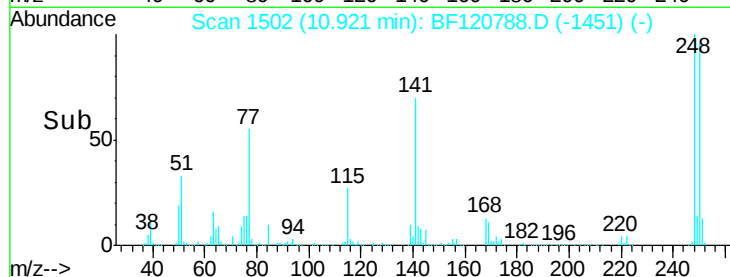
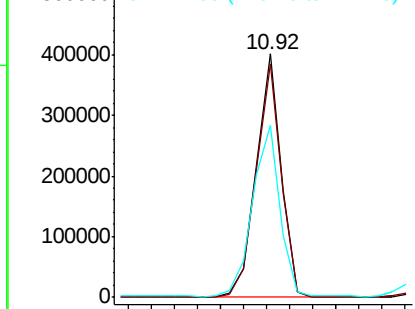
#67
4-Bromophenyl-phenylether
Concen: 45.569 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Instrument :
BNA_F
ClientSampled :
MW-14MSD

Tot Ion:248 Resp: 302918
Ion Ratio Lower Upper
248 100
250 95.8 76.5 114.7
141 70.5 54.9 82.3

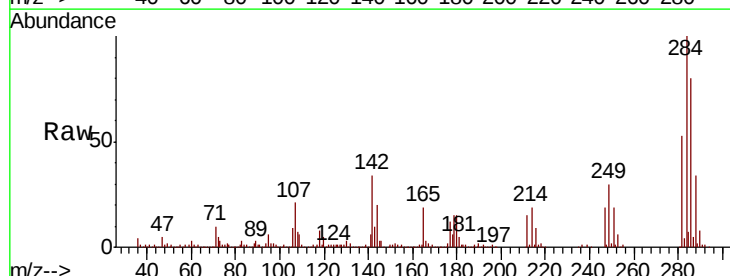


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

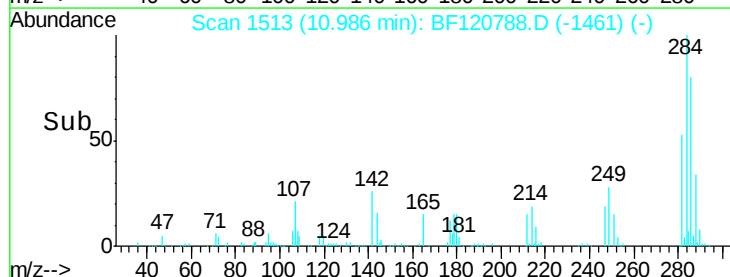
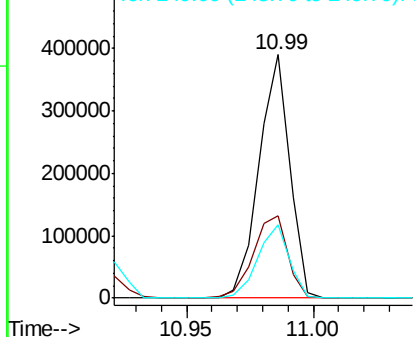


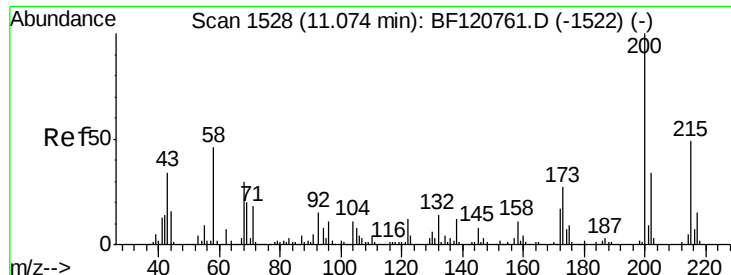
#68
Hexachlorobenzene
Concen: 47.527 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion:284 Resp: 331524
Ion Ratio Lower Upper
284 100
142 33.6 32.5 48.7
249 30.1 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: 45.037 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

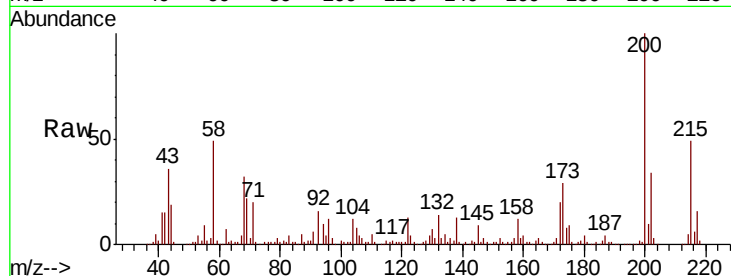
Tot Ion:200 Resp: 222854

Ion Ratio Lower Upper

200 100

173 29.1 7.4 47.4

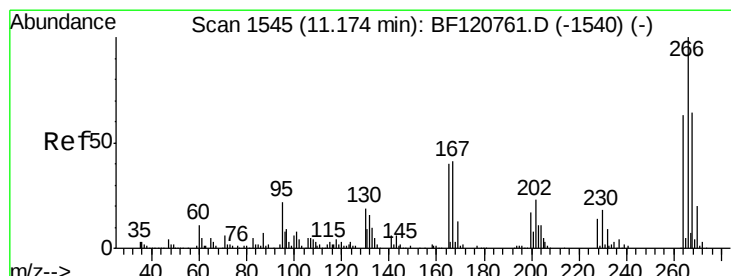
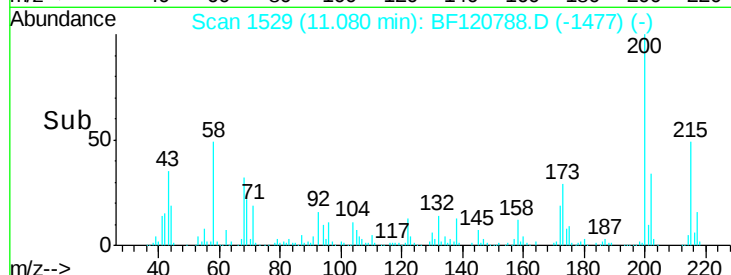
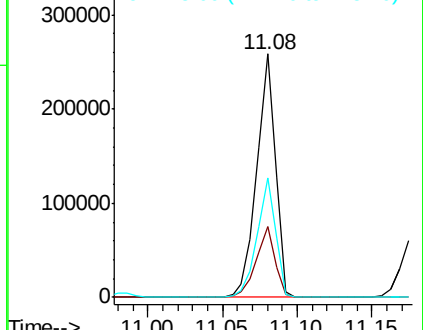
215 49.3 28.8 68.8



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: 102.416 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

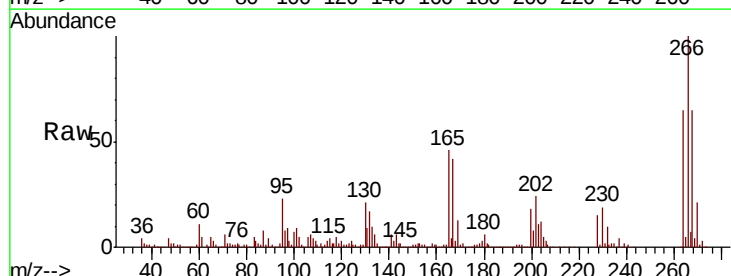
Tgt Ion:266 Resp: 404191

Ion Ratio Lower Upper

266 100

268 65.4 51.4 77.2

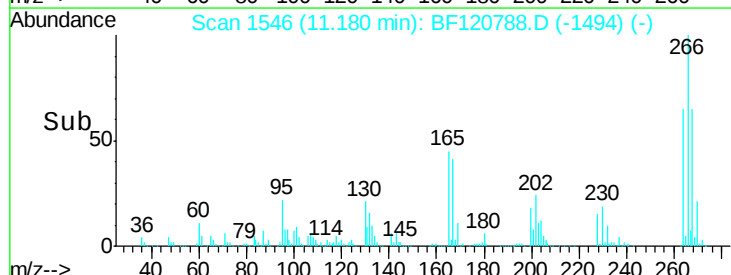
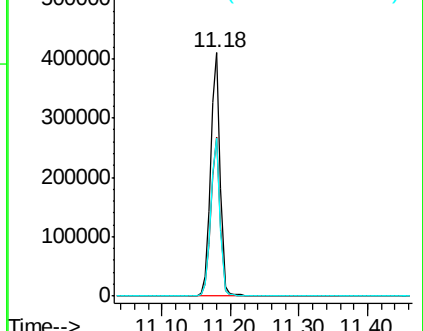
264 64.9 50.6 75.8

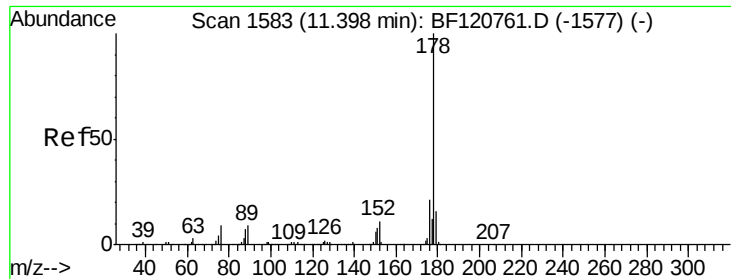


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

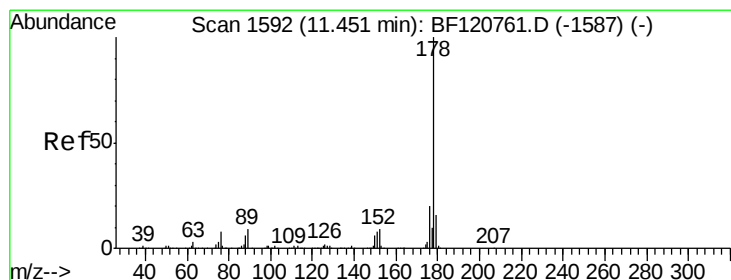
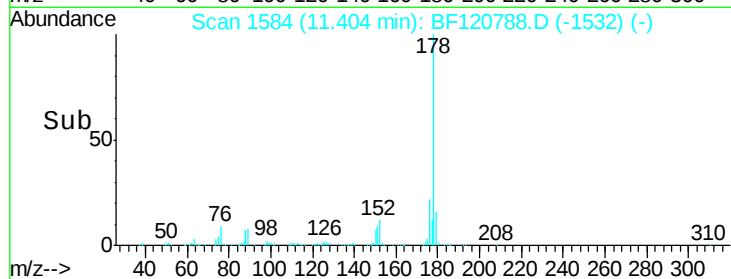
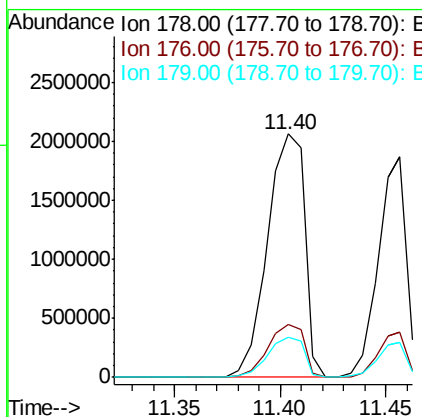
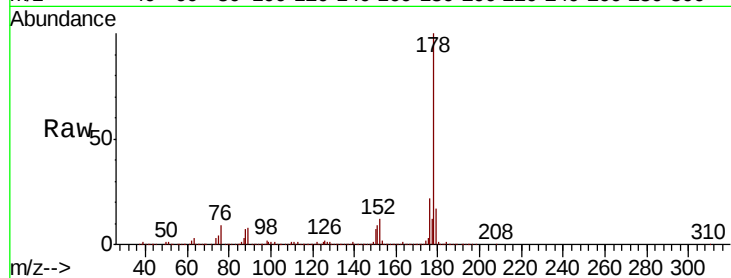




#71
Phenanthrene
Concen: 81.540 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

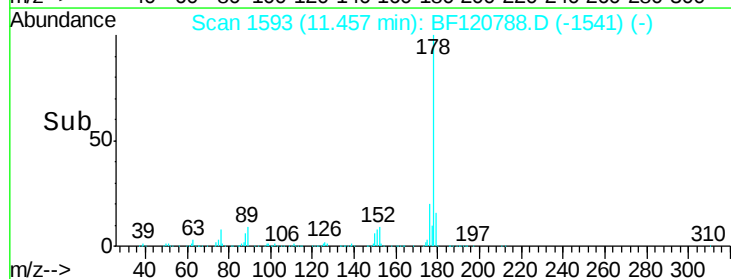
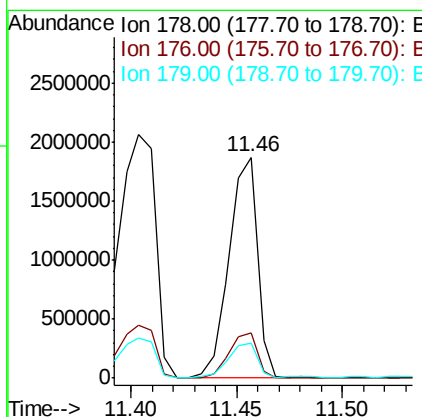
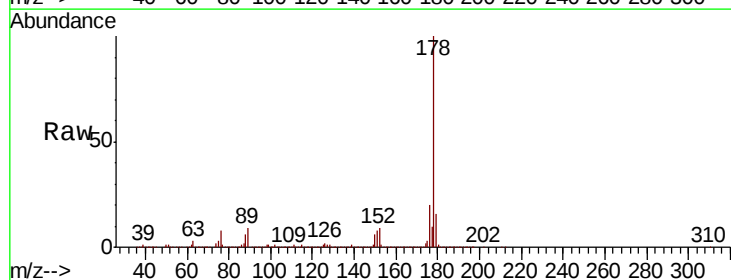
Instrument :
BNA_F
ClientSampleId :
MW-14MSD

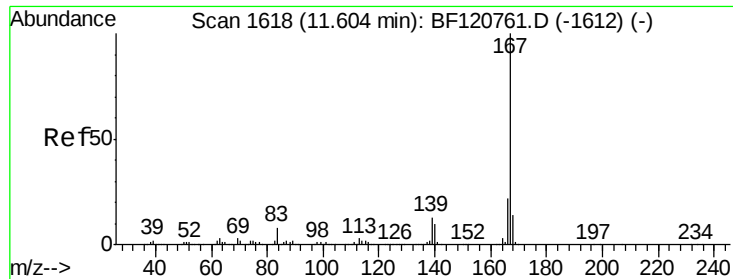
Tot Ion:178 Resp: 2535317
Ion Ratio Lower Upper
178 100
176 21.8 16.4 24.6
179 16.6 12.9 19.3



#72
Anthracene
Concen: 55.295 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion:178 Resp: 1737356
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 16.0 12.7 19.1



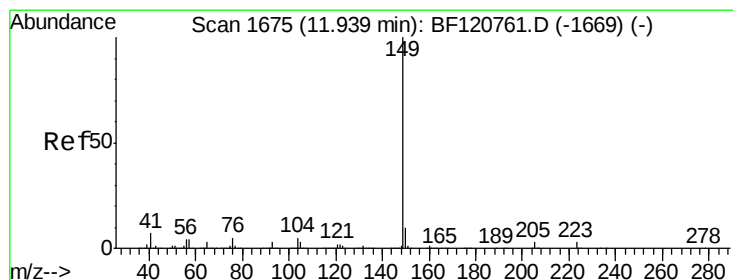
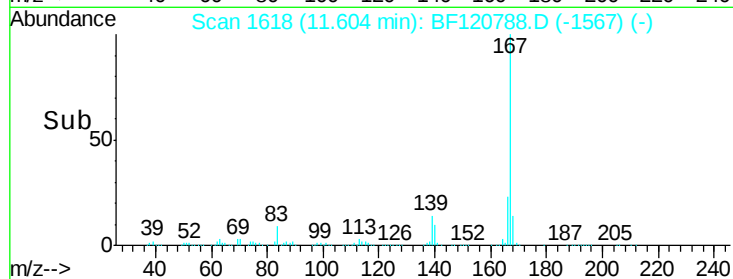
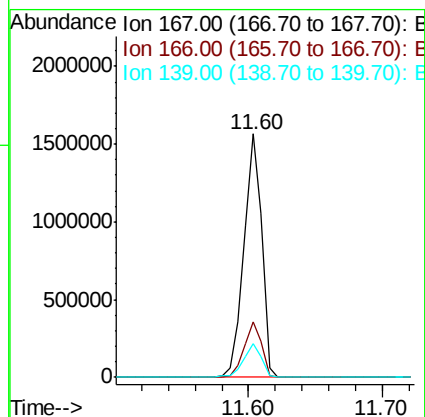
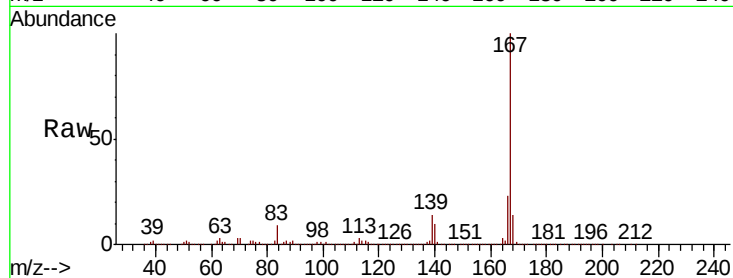


#73
 Carbazole
 Concen: 47.976 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-14MSD

Tot Ion:167 Resp: 1448579

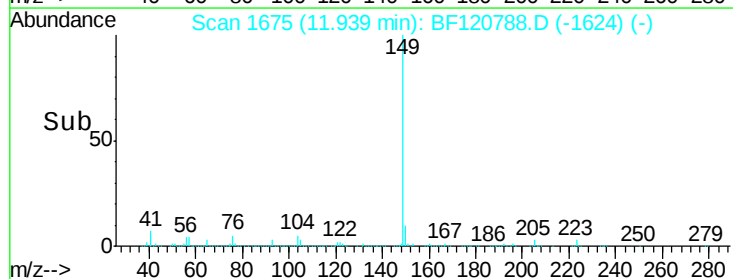
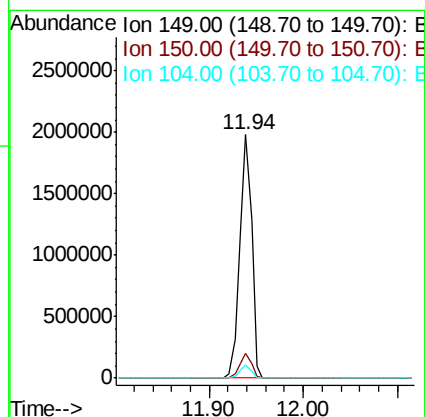
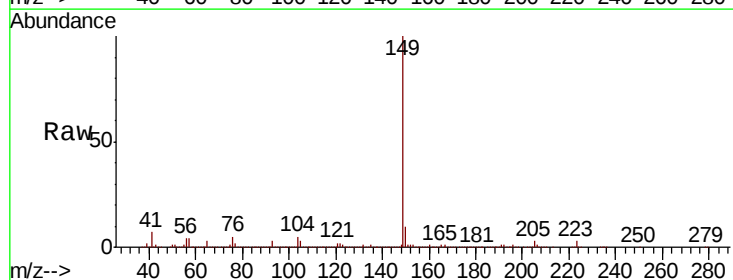
Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.8
139	13.8	10.7	16.1

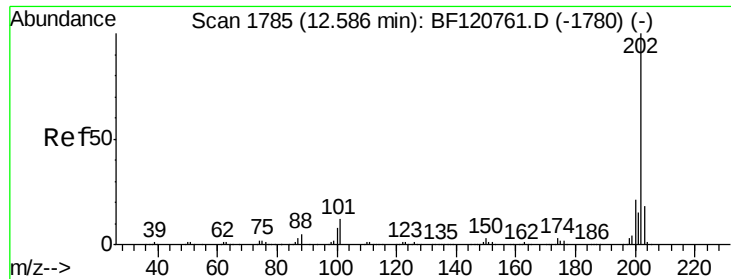


#74
 Di-n-butylphthalate
 Concen: 46.336 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Tgt Ion:149 Resp: 1732096

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 51.411 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

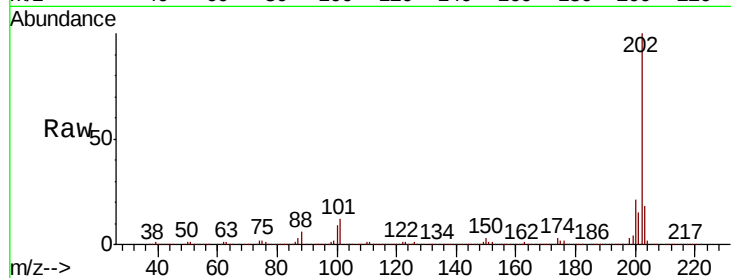
Tot Ion:202 Resp: 1702875

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.6

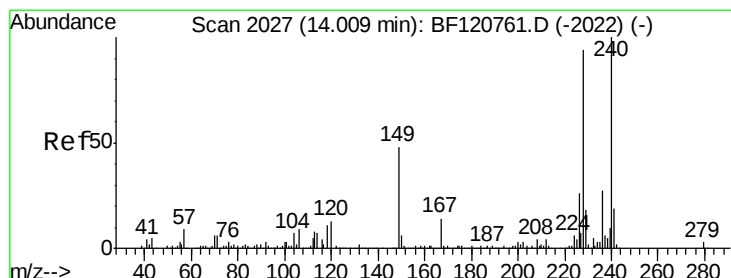
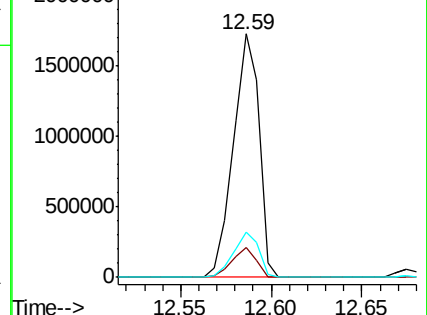
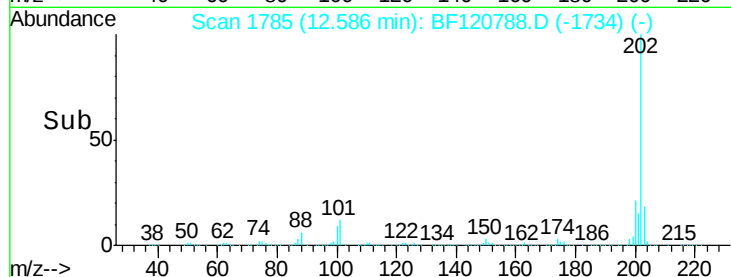
203 18.4 0.0 38.2



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: BF120788.D

Acq: 7 Jul 2020 15:37

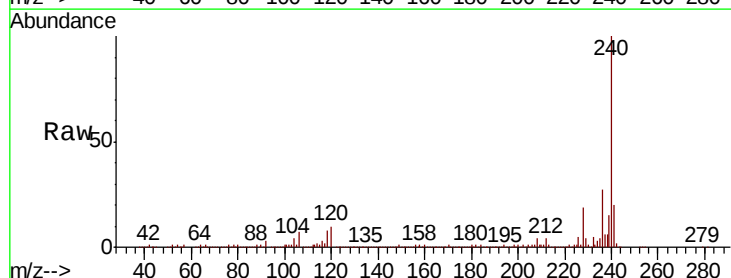
Tgt Ion:240 Resp: 426035

Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

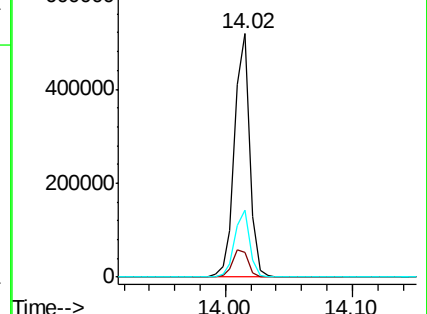
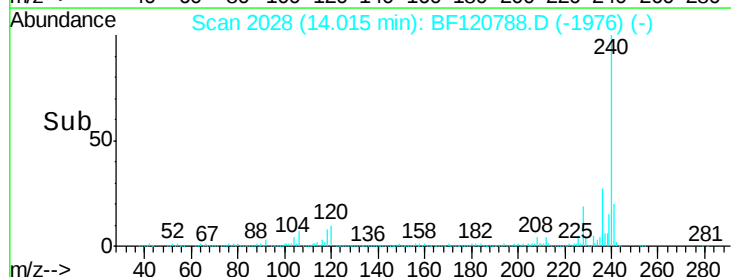
236 27.5 21.4 32.2

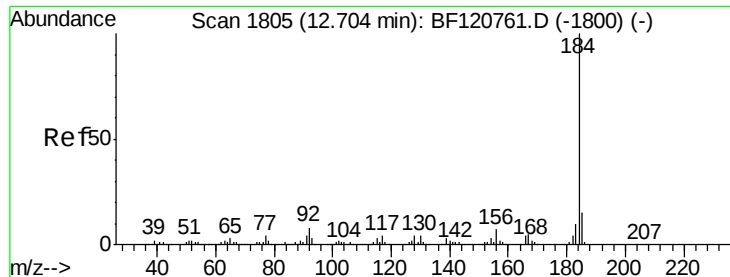


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.967 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

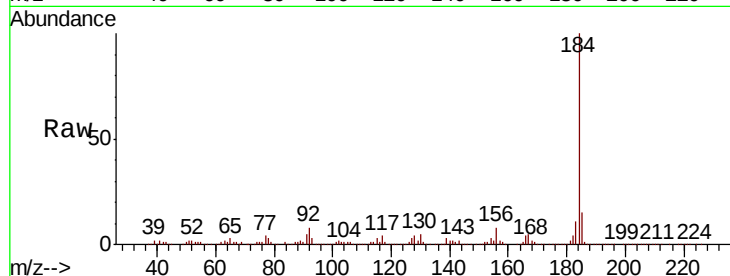
Tot Ion:184 Resp: 516683

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

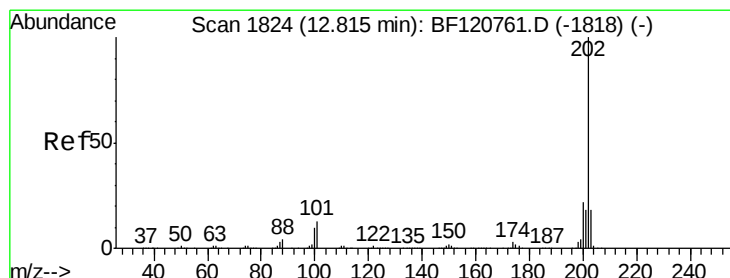
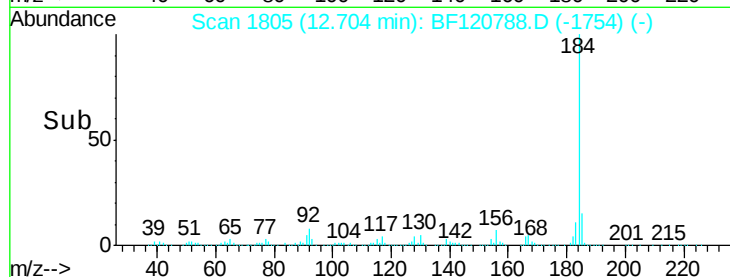
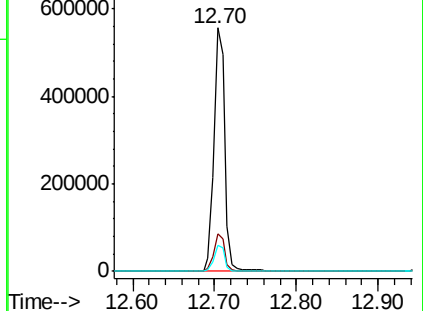
183 10.8 8.3 12.5



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: 53.889 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

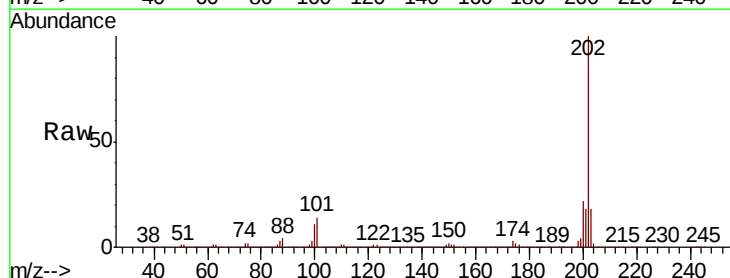
Tgt Ion:202 Resp: 1833596

Ion Ratio Lower Upper

202 100

200 22.3 17.3 25.9

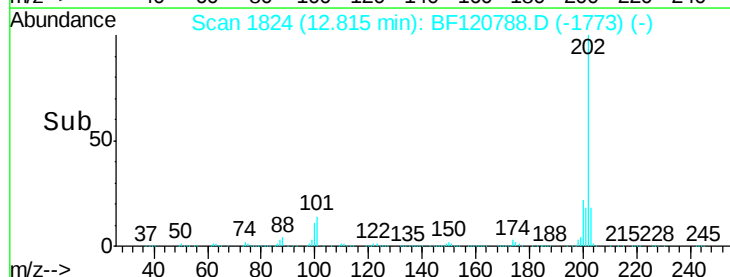
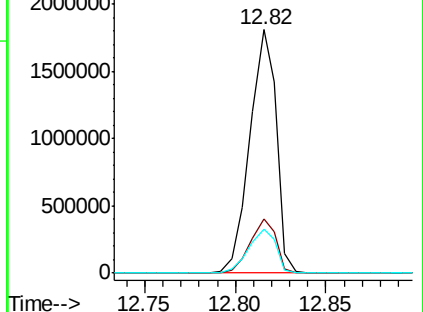
203 18.2 14.6 22.0

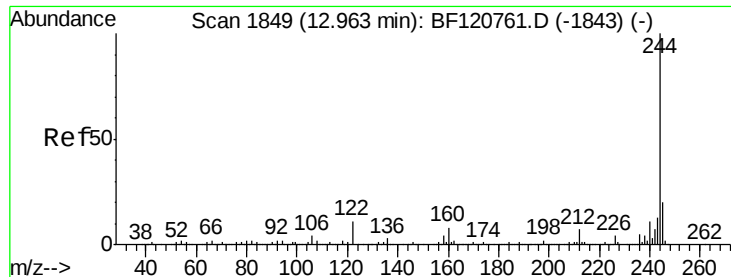


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.086 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

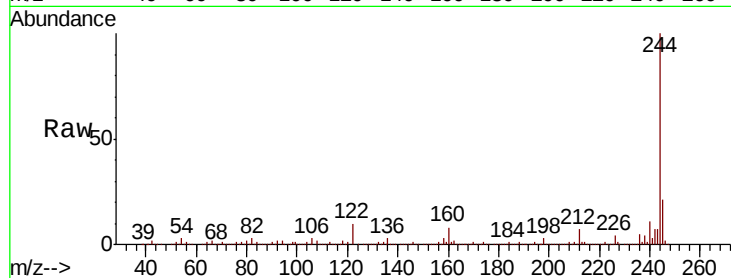
Tot Ion:244 Resp: 2156117

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

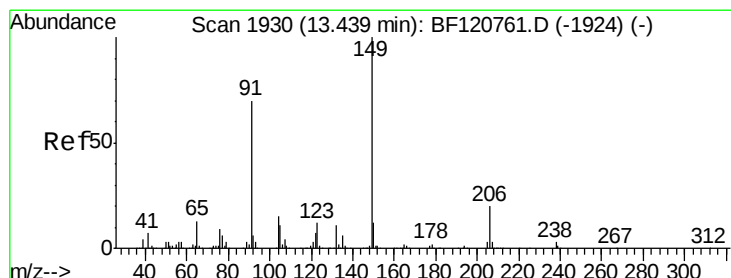
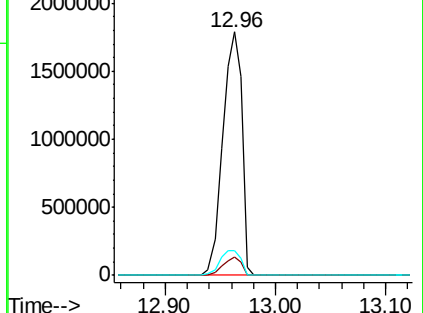
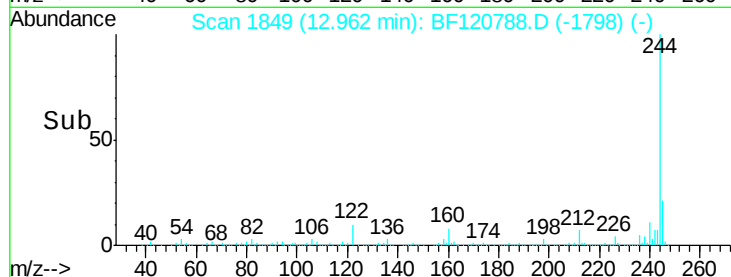
122 10.3 9.0 13.4



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: 50.199 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

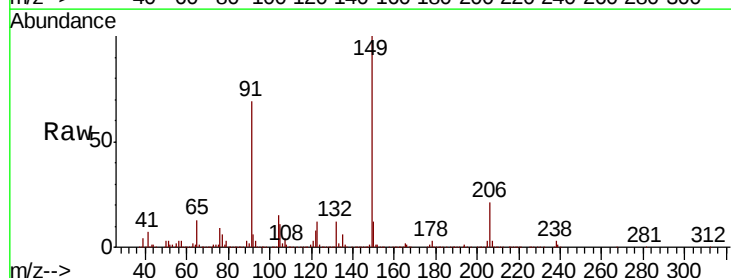
Tgt Ion:149 Resp: 737429

Ion Ratio Lower Upper

149 100

91 68.6 55.8 83.8

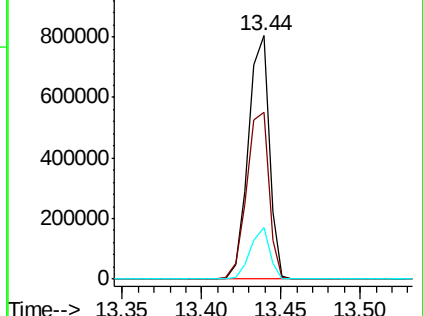
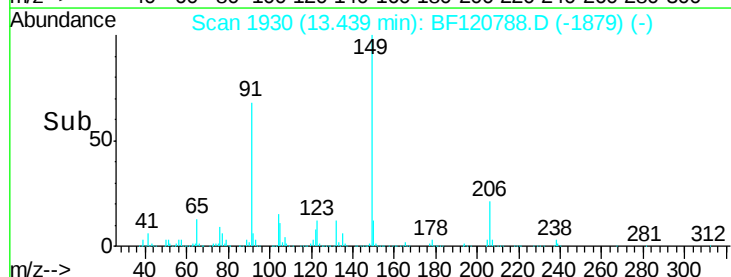
206 21.0 15.7 23.5

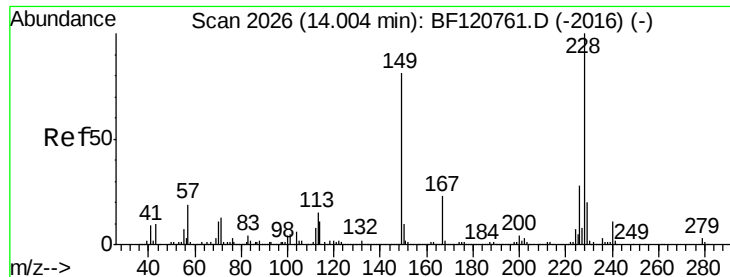


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.921 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

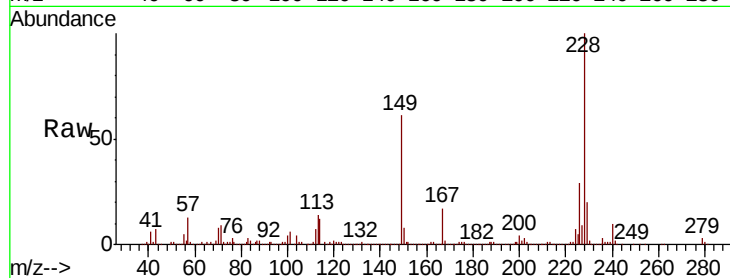
BNA_F

ClientSampleId :

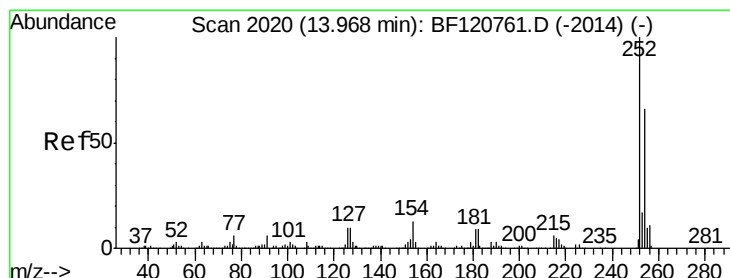
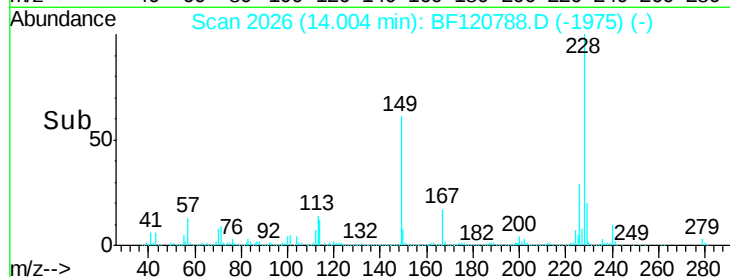
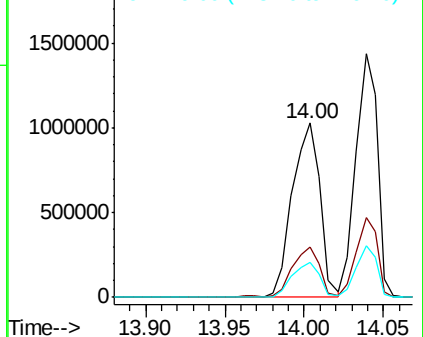
MW-14MSD

Tot Ion:228 Resp: 1254081

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.1	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: 44.345 ng

RT: 13.97 min Scan# 2020

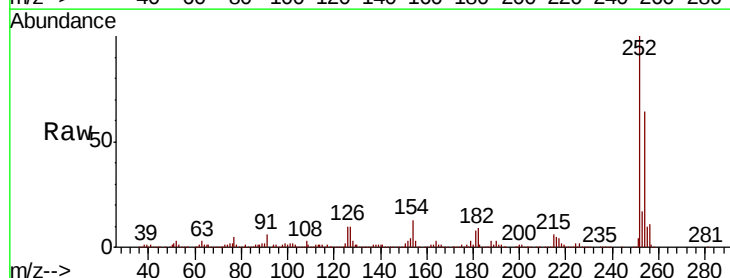
Delta R.T. -0.00 min

Lab File: BF120788.D

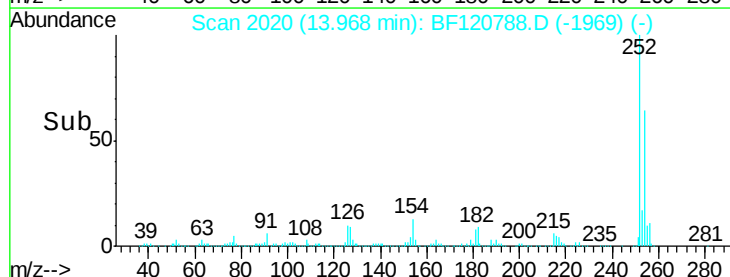
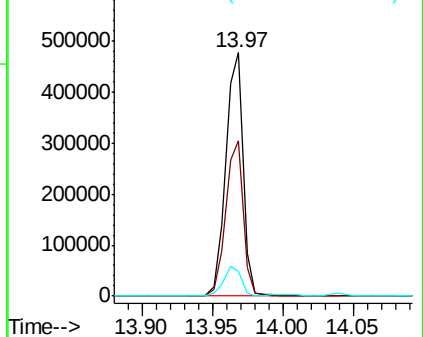
Acq: 7 Jul 2020 15:37

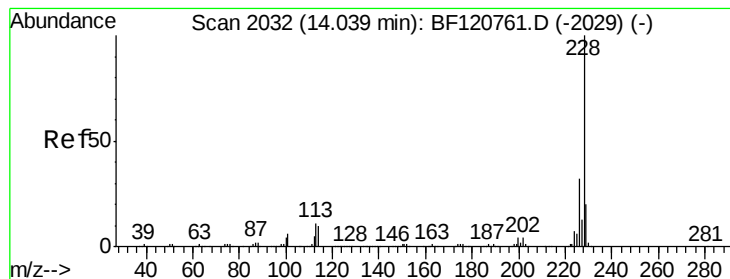
Tgt Ion:252 Resp: 408683

Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.6	78.8
126	10.0	7.8	11.8



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





#83

Chrysene

Concen: 48.724 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

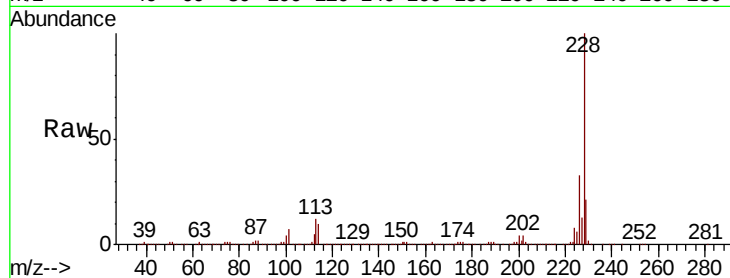
Tot Ion:228 Resp: 1357283

Ion Ratio Lower Upper

228 100

226 32.8 25.7 38.5

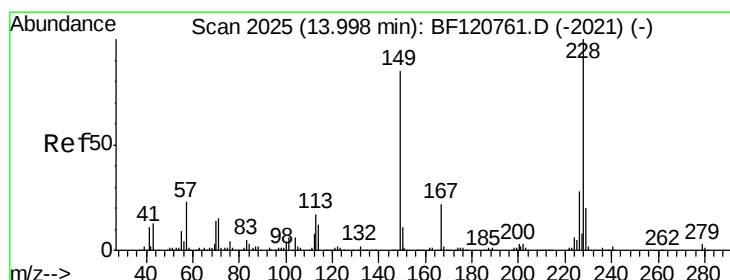
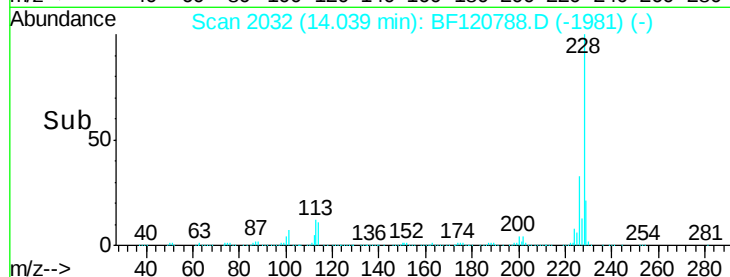
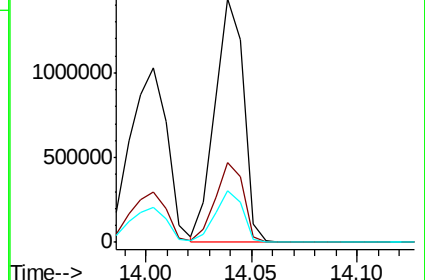
229 21.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.800 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

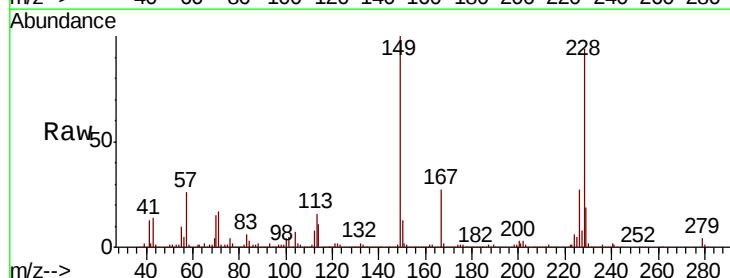
Tgt Ion:149 Resp: 863003

Ion Ratio Lower Upper

149 100

167 27.0 20.9 31.3

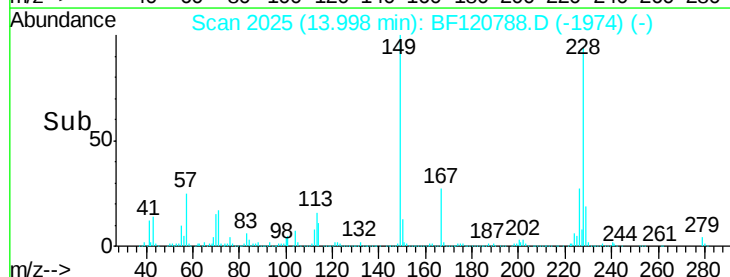
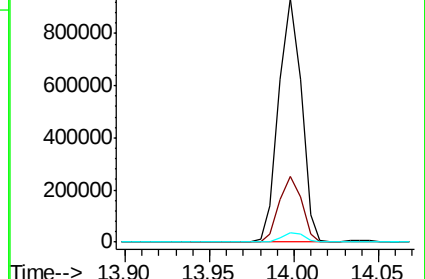
279 4.1 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.345 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF120788.D

Acq: 7 Jul 2020 15:37

Instrument :

BNA_F

ClientSampleId :

MW-14MSD

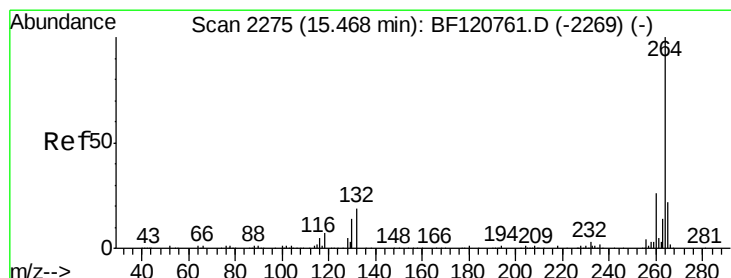
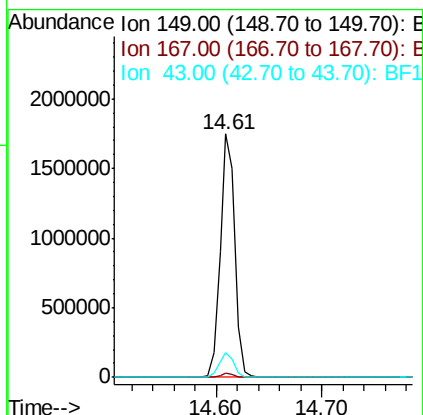
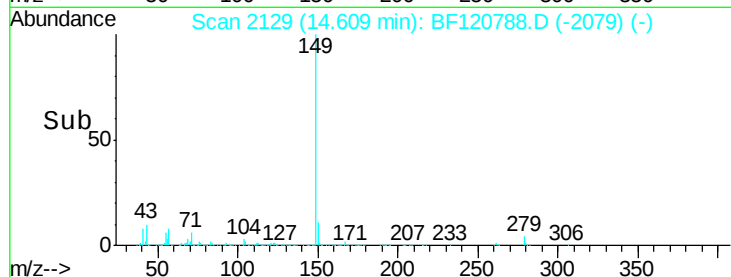
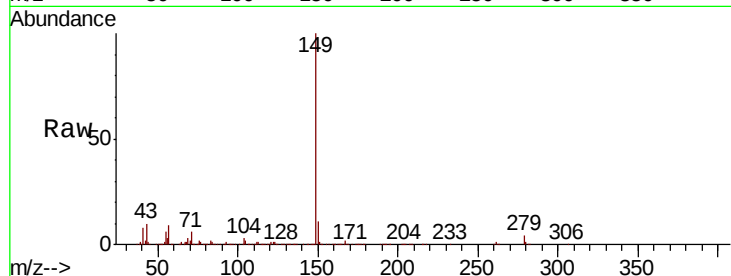
Tot Ion:149 Resp: 1681645

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: BF120788.D

Acq: 7 Jul 2020 15:37

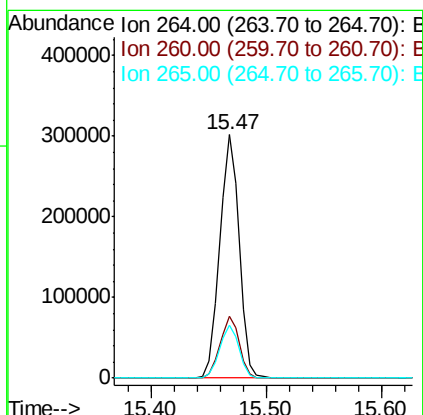
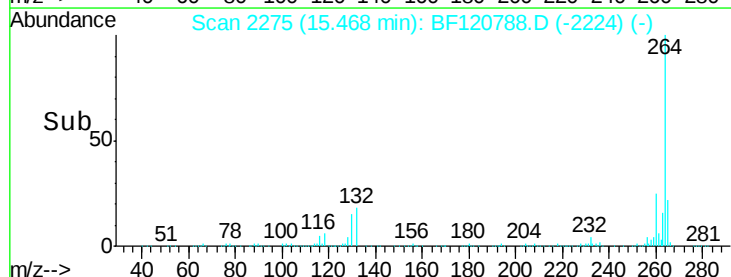
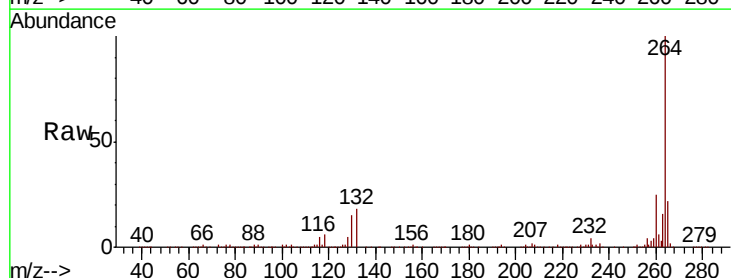
Tgt Ion:264 Resp: 352029

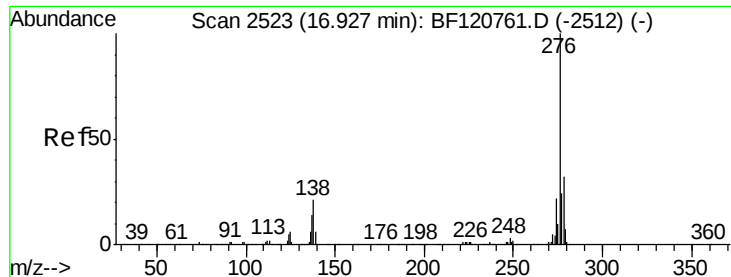
Ion Ratio Lower Upper

264 100

260 25.3 20.6 30.8

265 21.8 17.6 26.4



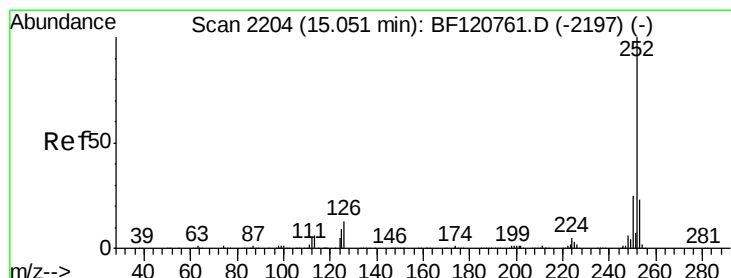
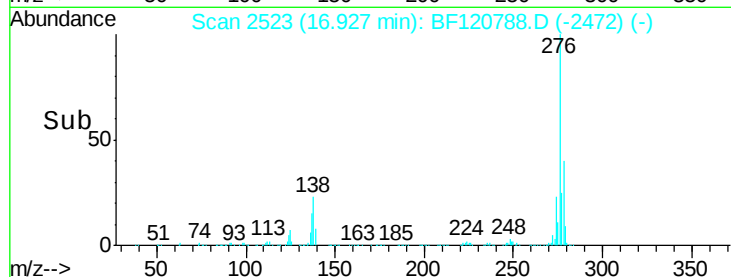
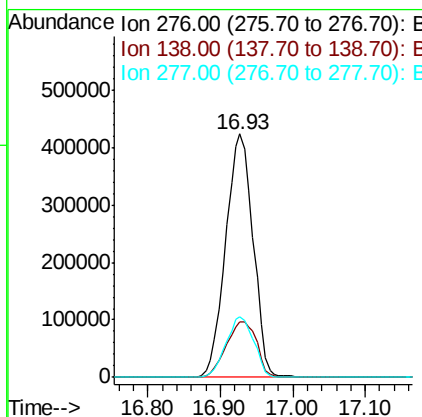
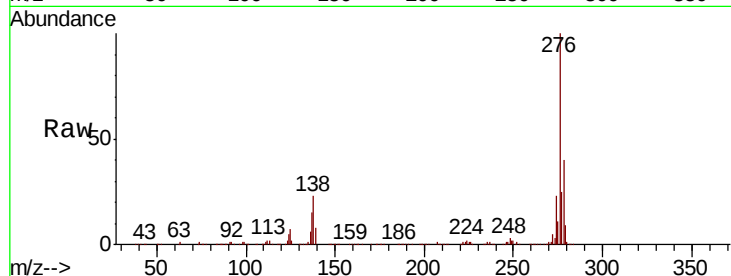


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.283 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-14MSD

Tot Ion:276 Resp: 1112797

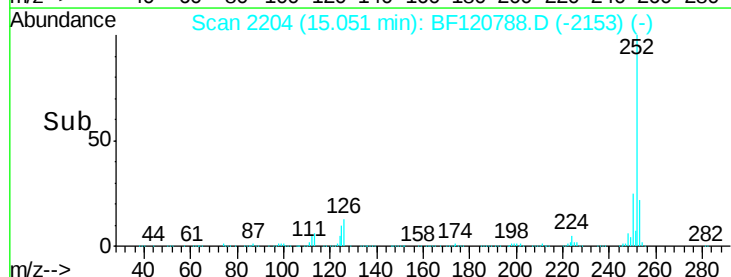
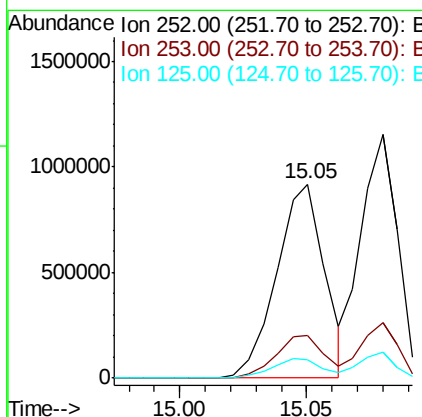
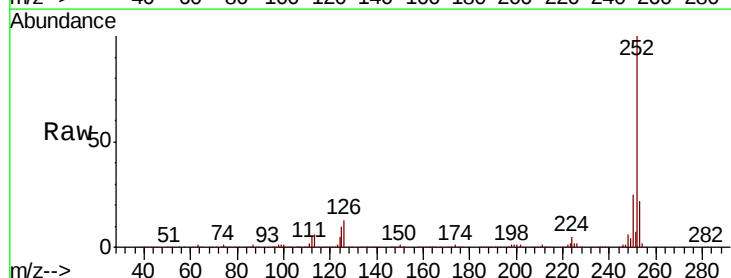
Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.8	29.8
277	25.3	19.9	29.9

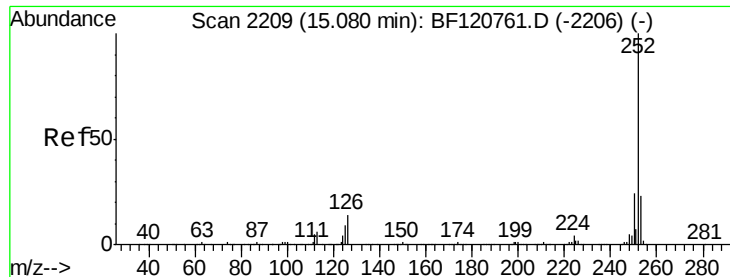


#88
 Benzo(b)fluoranthene
 Concen: 52.383 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BF120788.D
 Acq: 7 Jul 2020 15:37

Tgt Ion:252 Resp: 1212311

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.6	7.5	11.3

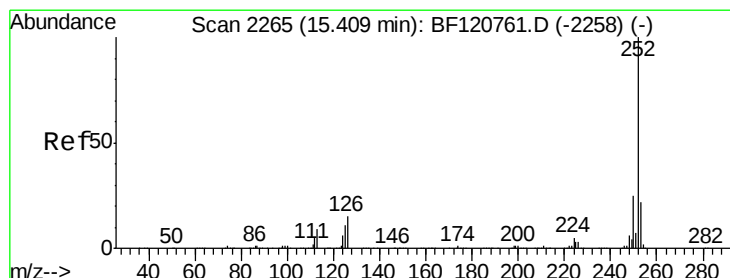
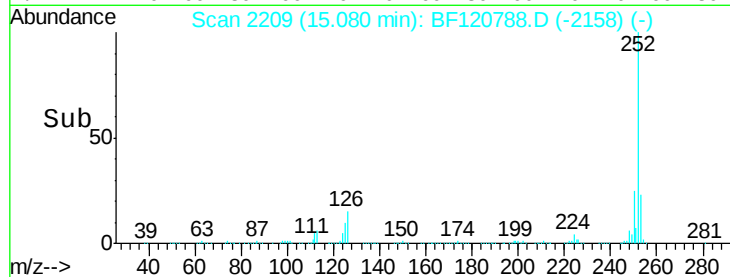
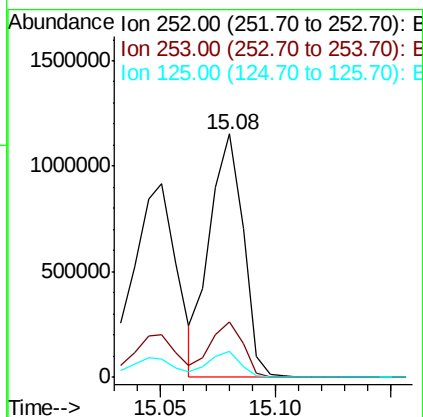
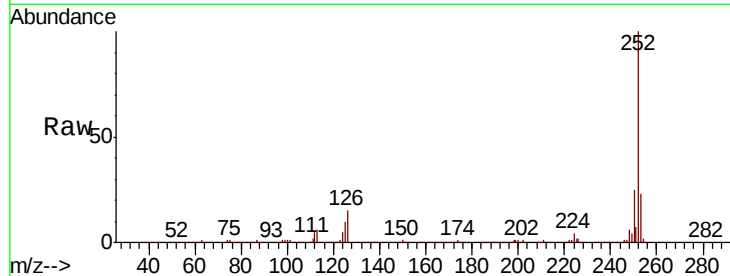




#89
Benzo(k)fluoranthene
Concen: 51.507 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

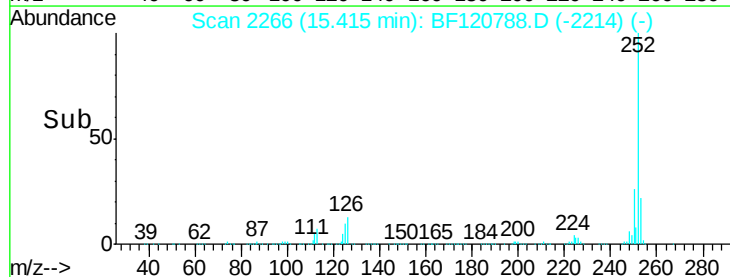
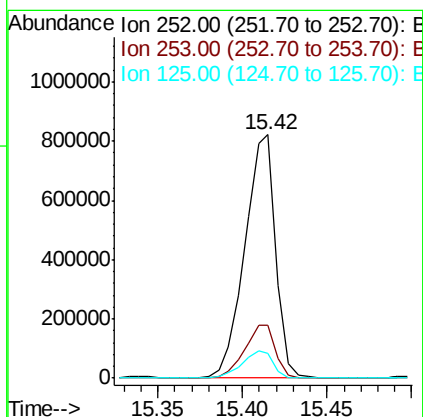
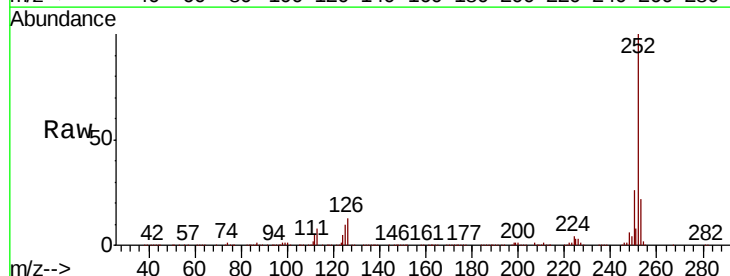
Instrument :
BNA_F
ClientSampleId :
MW-14MSD

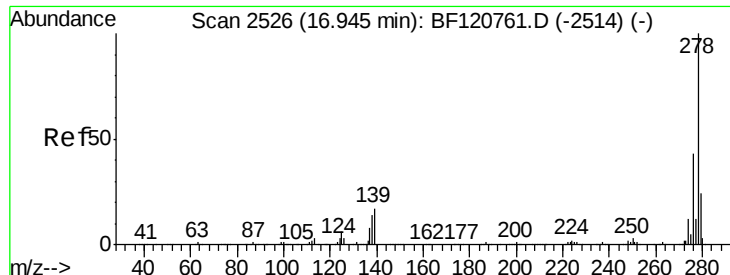
Tot Ion:252 Resp: 1159915
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 10.4 7.6 11.4



#90
Benzo(a)pyrene
Concen: 50.530 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion:252 Resp: 1043197
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.9 9.2 13.8

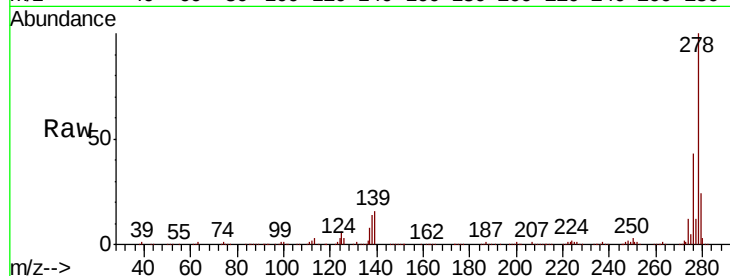




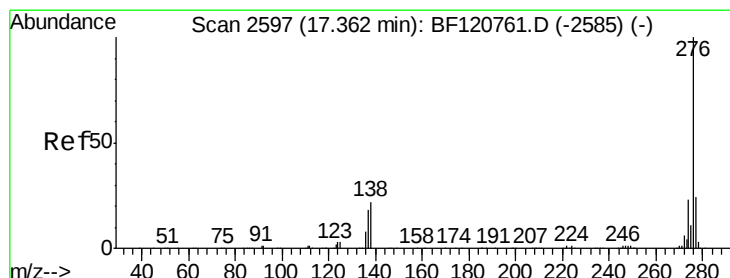
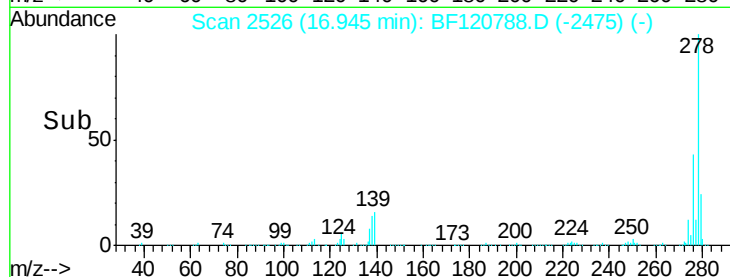
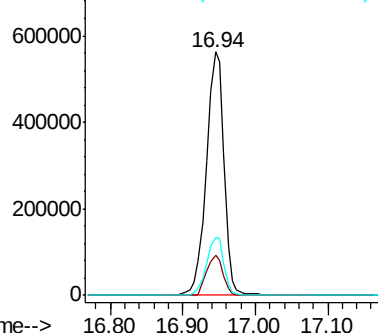
#91
Dibenzo(a,h)anthracene
Concen: 50.986 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Instrument :
BNA_F
ClientSampleId :
MW-14MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.3	19.9
279	23.8	19.0	28.6

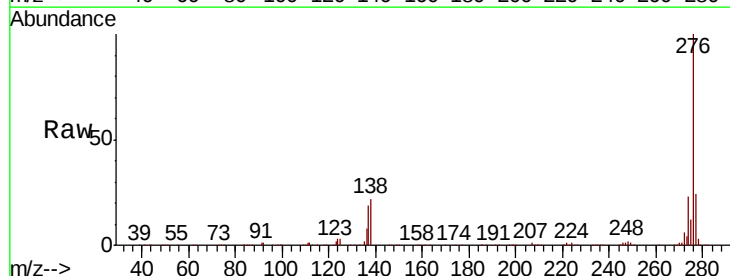


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.125 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BF120788.D
Acq: 7 Jul 2020 15:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	22.2	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

