

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120993.D
 Acq On : 23 Jul 2020 21:26
 Operator : JU/CG
 Sample : L3379-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 00:48:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	164979	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	640543	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	337708	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	641263	20.00	ng	0.00
76) Chrysene-d12	13.97	240	482222	20.00	ng	0.00
86) Perylene-d12	15.42	264	478557	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1147203	113.99	ng	0.02
7) Phenol-d6	6.45	99	1343211	103.33	ng	0.00
23) Nitrobenzene-d5	7.38	82	974251	88.01	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	464929	125.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1762970	77.94	ng	0.00
79) Terphenyl-d14	12.92	244	1759598	79.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	197071	42.549	ng	# 85
3) Pyridine	3.42	79	282759	22.950	ng	99
4) n-Nitrosodimethylamine	3.35	42	230578	43.765	ng	94
6) Aniline	6.48	93	240991	14.202	ng	97
8) 2-Chlorophenol	6.60	128	518438	46.763	ng	99
9) Benzaldehyde	6.37	77	309243	53.717	ng	96
10) Phenol	6.46	94	528156	36.934	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	505464	46.122	ng	99
12) 1,3-Dichlorobenzene	6.76	146	529317	44.031	ng	99
13) 1,4-Dichlorobenzene	6.83	146	534260	44.694	ng	98
14) 1,2-Dichlorobenzene	6.99	146	508246	44.943	ng	98
15) Benzyl Alcohol	6.96	79	420014	45.687	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	691916	43.802	ng	98
17) 2-Methylphenol	7.07	107	407685	41.489	ng	99
18) Hexachloroethane	7.33	117	198201	45.810	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	323622	43.780	ng	99
20) 3+4-Methylphenols	7.22	107	448467	35.878	ng	# 82
22) Acetophenone	7.23	105	639656	44.496	ng	96
24) Nitrobenzene	7.40	77	516850	43.319	ng	99
25) Isophorone	7.64	82	980442	44.378	ng	99
26) 2-Nitrophenol	7.71	139	277912	49.044	ng	96
27) 2,4-Dimethylphenol	7.75	122	443662	48.223	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	625137	46.354	ng	99
29) 2,4-Dichlorophenol	7.96	162	435705	46.345	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	465090	44.590	ng	98
31) Naphthalene	8.12	128	1424900	43.367	ng	100
32) Benzoic acid	7.88	122	283599	41.064	ng	97
33) 4-Chloroaniline	8.16	127	154801	10.561	ng	97
34) Hexachlorobutadiene	8.24	225	265154	43.123	ng	99
35) Caprolactam	8.55	113	116337	38.588	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	449332	46.602	ng	96
37) 2-Methylnaphthalene	8.81	142	990559	46.431	ng	99
38) 1-Methylnaphthalene	8.91	142	926483	45.853	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	428874	43.588	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120993.D
 Acq On : 23 Jul 2020 21:26
 Operator : JU/CG
 Sample : L3379-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 00:48:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

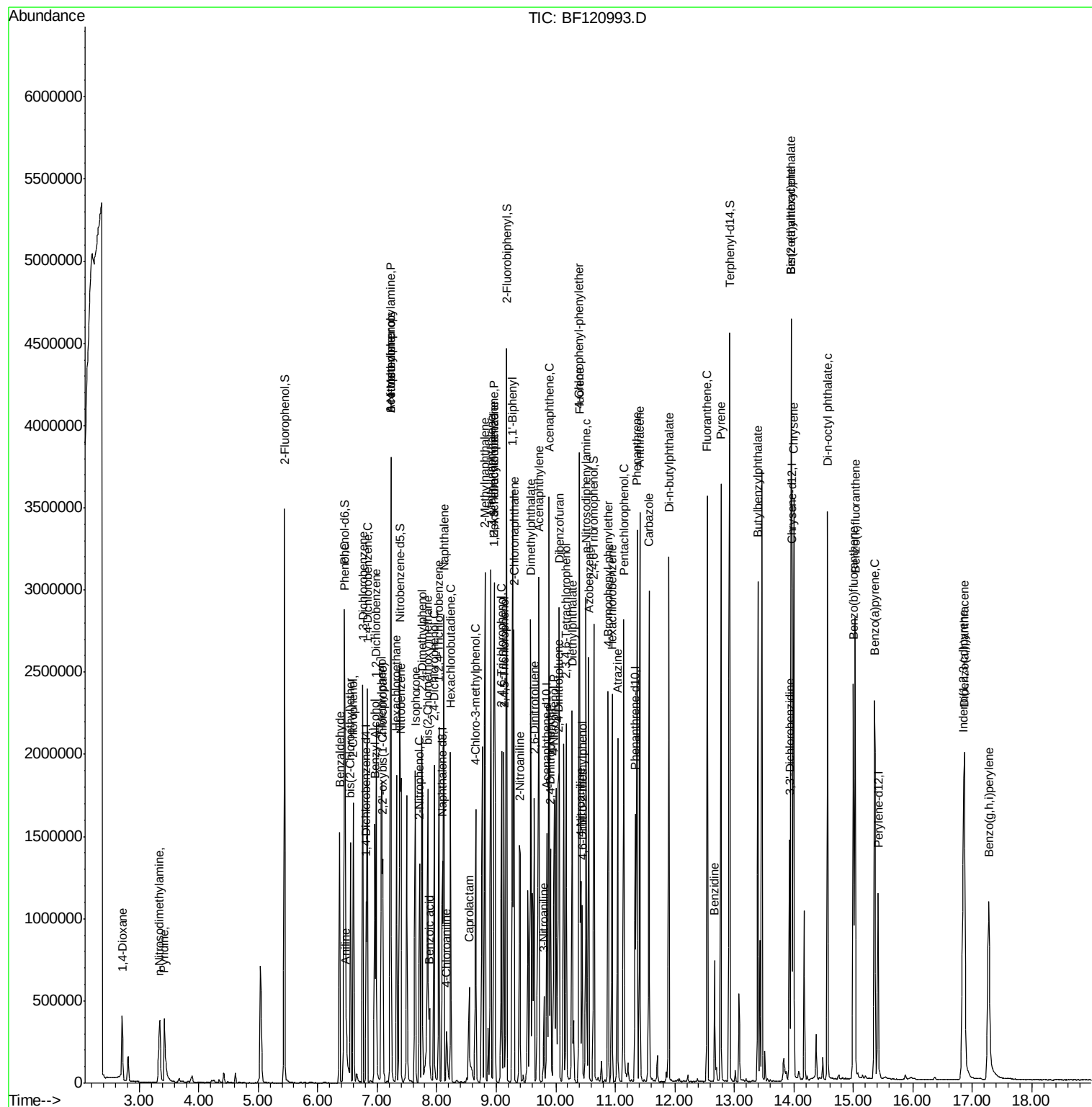
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	459033	84.412	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	320385	46.246	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	348308	44.323	ng	96
46) 1,1'-Biphenyl	9.27	154	1187704	46.106	ng	100
47) 2-Chloronaphthalene	9.30	162	919205	43.766	ng	99
48) 2-Nitroaniline	9.39	65	288580	45.467	ng	99
49) Acenaphthylene	9.72	152	1463578	44.857	ng	100
50) Dimethylphthalate	9.58	163	1433735	58.848	ng	99
51) 2,6-Dinitrotoluene	9.64	165	251583	48.065	ng	90
52) Acenaphthene	9.89	154	869504	41.916	ng	99
53) 3-Nitroaniline	9.80	138	100553	15.317	ng	97
54) 2,4-Dinitrophenol	9.91	184	208861	70.235	ng	93
55) Dibenzofuran	10.06	168	1311332	43.714	ng	100
56) 4-Nitrophenol	9.97	139	388765	77.960	ng	94
57) 2,4-Dinitrotoluene	10.04	165	332369	48.354	ng	# 90
58) Fluorene	10.40	166	934231	41.757	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	291588	48.734	ng	96
60) Diethylphthalate	10.28	149	1119929	45.446	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	460632	38.601	ng	98
62) 4-Nitroaniline	10.42	138	243777	38.122	ng	99
63) Azobenzene	10.55	77	1038173	44.252	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	152989	41.764	ng	91
66) n-Nitrosodiphenylamine	10.51	169	930852	46.144	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	320967	44.893	ng	96
68) Hexachlorobenzene	10.95	284	358886	46.404	ng	94
69) Atrazine	11.04	200	271889	54.422	ng	97
70) Pentachlorophenol	11.15	266	417134	94.147	ng	99
71) Phenanthrene	11.36	178	1435688	43.532	ng	100
72) Anthracene	11.41	178	1505139	45.449	ng	99
73) Carbazole	11.57	167	1414557	43.041	ng	100
74) Di-n-butylphthalate	11.90	149	1741694	45.922	ng	100
75) Fluoranthene	12.54	202	1620936	44.341	ng	99
77) Benzidine	12.67	184	303251	23.919	ng	99
78) Pyrene	12.77	202	1625859	47.689	ng	99
80) Butylbenzylphthalate	13.40	149	757483	49.840	ng	96
81) Benzo(a)anthracene	13.96	228	1246133	42.674	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	343065	31.140	ng	98
83) Chrysene	14.00	228	1367253	44.555	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	904148	48.244	ng	# 99
85) Di-n-octyl phthalate	14.56	149	1824896	48.943	ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1486011	44.649	ng	100
88) Benzo(b)fluoranthene	15.00	252	1445660	49.976	ng	100
89) Benzo(k)fluoranthene	15.03	252	1243456	47.134	ng	99
90) Benzo(a)pyrene	15.36	252	1225482	46.434	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1248512	45.924	ng	99
92) Benzo(g,h,i)perylene	17.27	276	1208554	45.086	ng	99

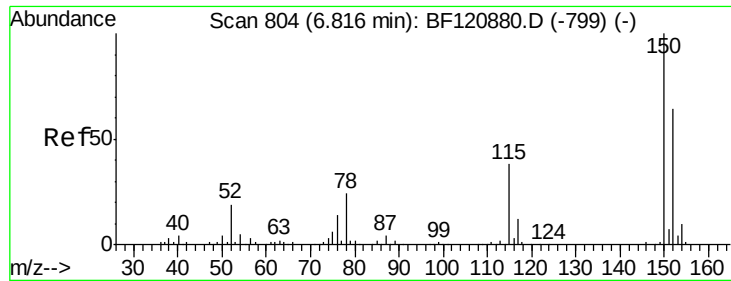
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120993.D
 Acq On : 23 Jul 2020 21:26
 Operator : JU/CG
 Sample : L3379-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :

Quant Time: Jul 24 00:48:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration



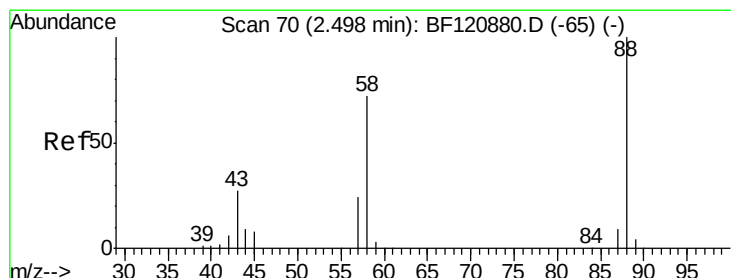
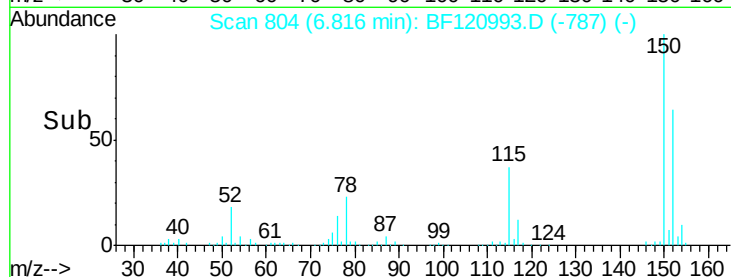
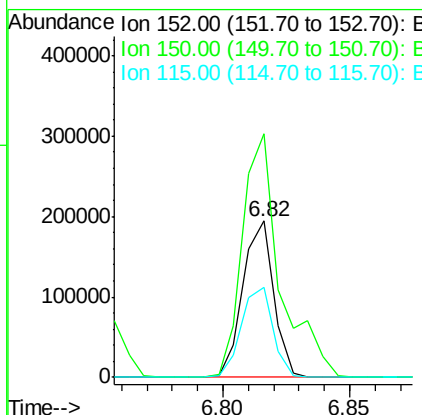
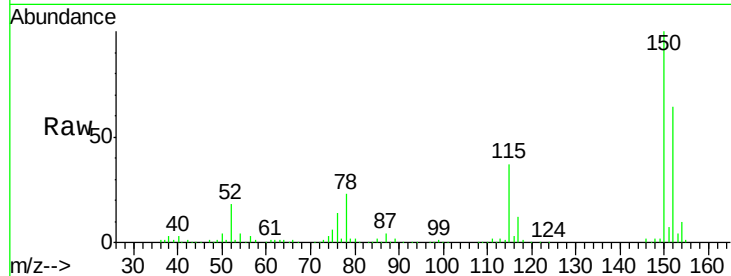


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Instrument :
BNA_F
ClientSampleId :

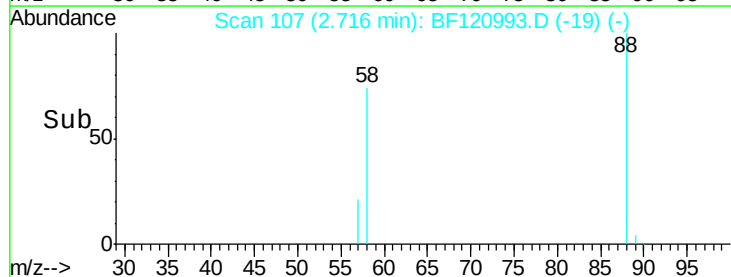
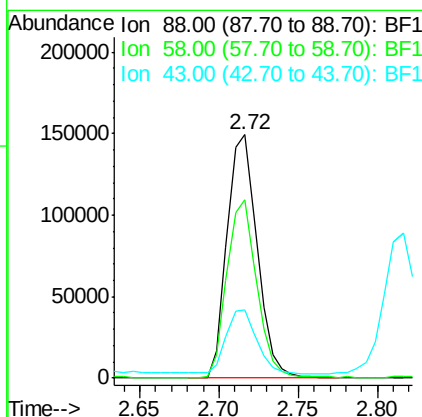
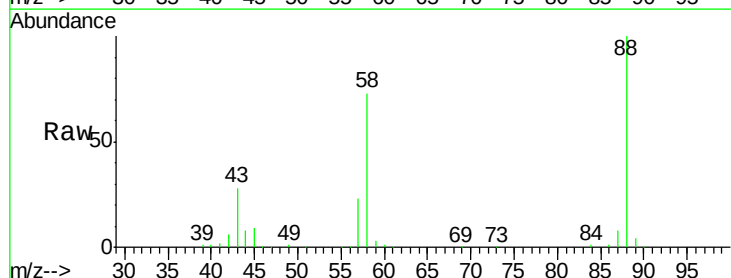
Tot Ion:152 Resp: 164979
Ion Ratio Lower Upper
152 100
150 155.9 125.0 187.6
115 57.7 47.0 70.4

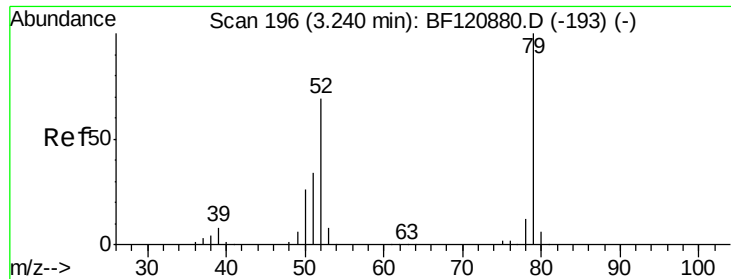


#2

1,4-Dioxane
Concen: 42.549 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.22 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion: 88 Resp: 197071
Ion Ratio Lower Upper
88 100
58 71.6 58.2 87.2
43 0.0 22.1 33.1#

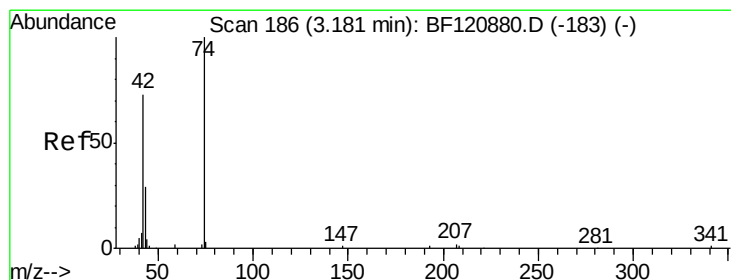
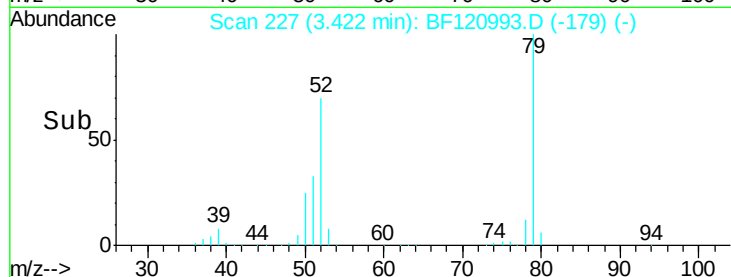
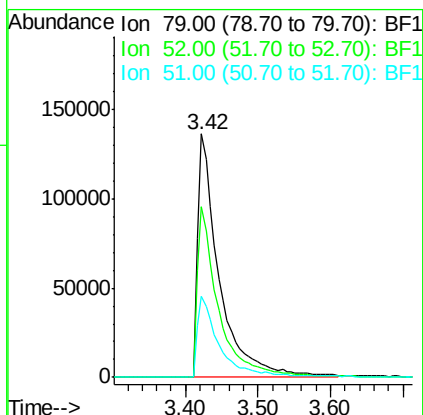
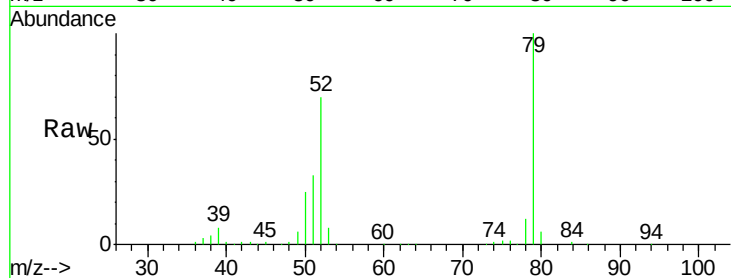




#3
 Pvridine
 Concen: 22.950 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.18 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

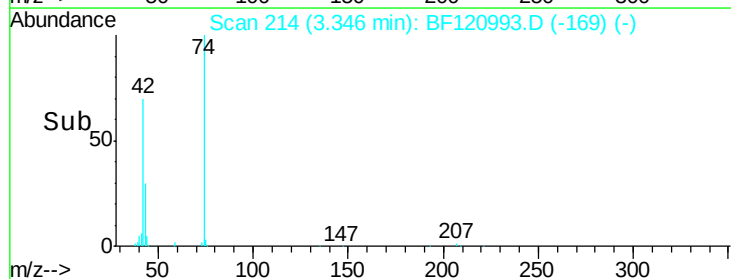
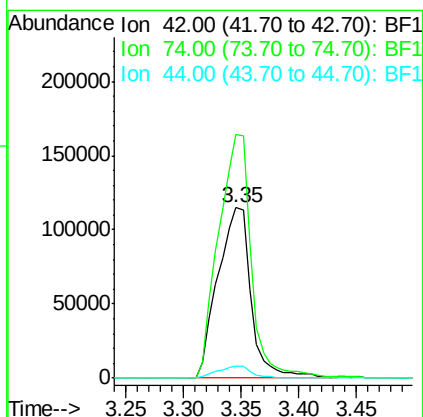
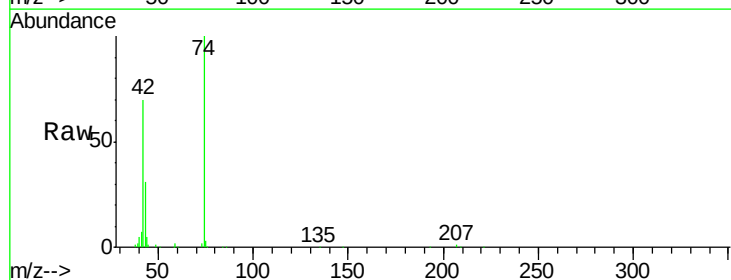
Instrument :
 BNA_F
 ClientSampleId :

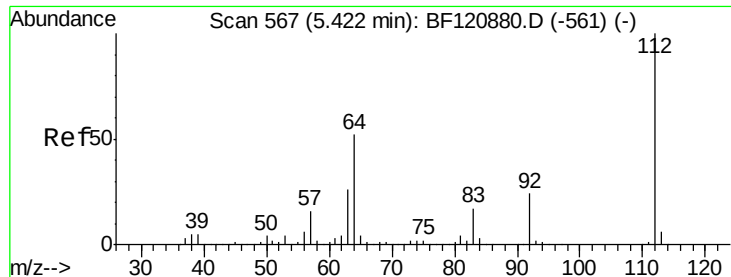
Tot Ion	Ratio	Lower	Upper
79	100		
52	70.2	55.0	82.6
51	33.3	26.9	40.3



#4
 n-Nitrosodimethylamine
 Concen: 43.765 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.16 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.8	108.7	163.1
44	7.2	5.2	7.8





#5

2-Fluorophenol

Concen: 113.995 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :
BNA_F
ClientSampleId :

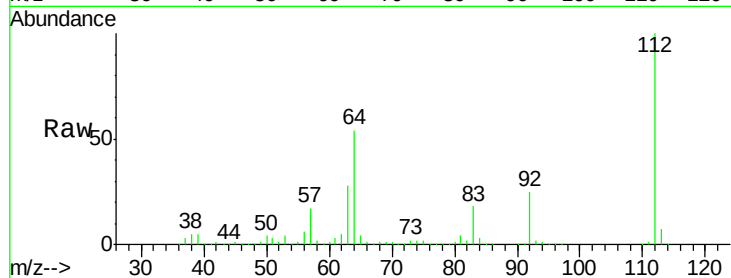
Tot Ion:112 Resp: 1147203

Ion Ratio Lower Upper

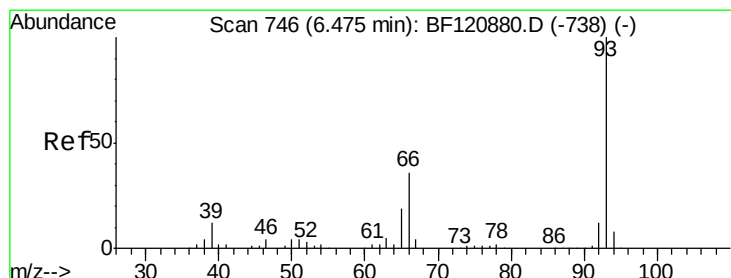
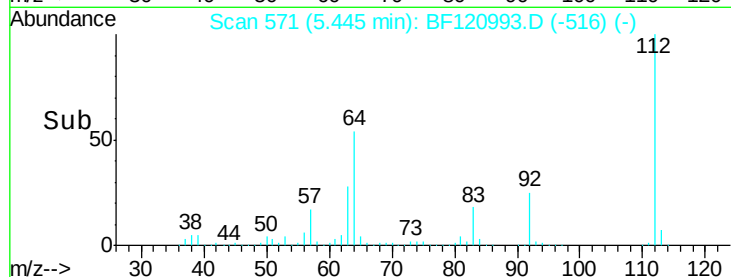
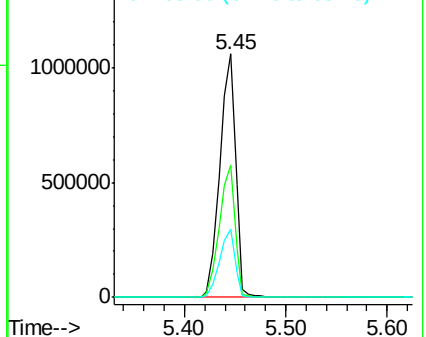
112 100

64 54.5 41.3 61.9

63 27.8 21.1 31.7



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: 14.202 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

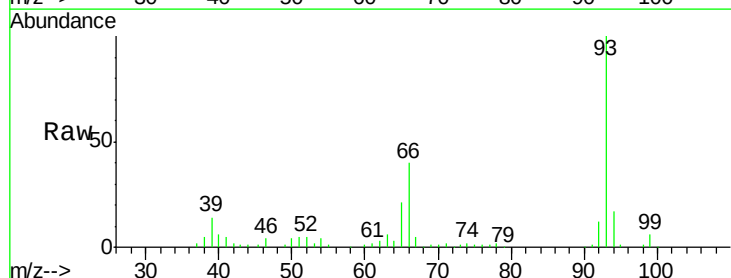
Tgt Ion: 93 Resp: 240991

Ion Ratio Lower Upper

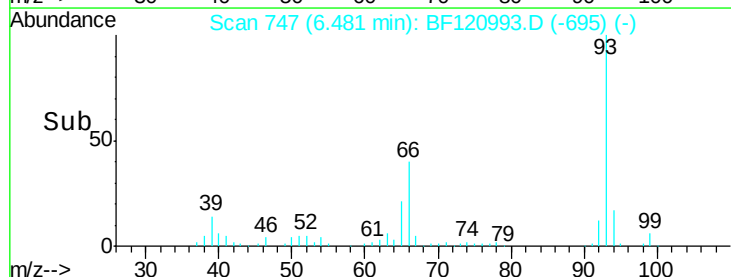
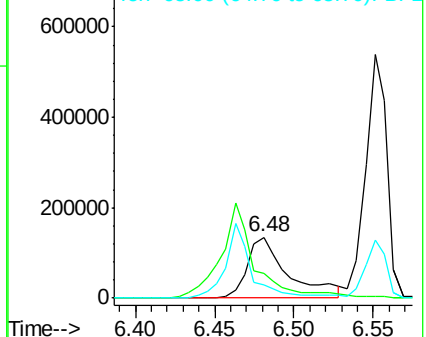
93 100

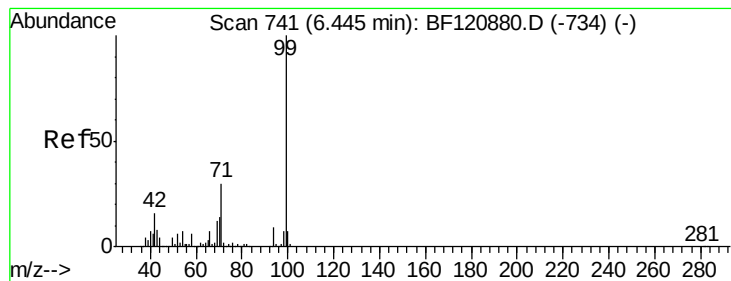
66 39.7 30.2 45.4

65 21.0 15.8 23.6



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: 103.327 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

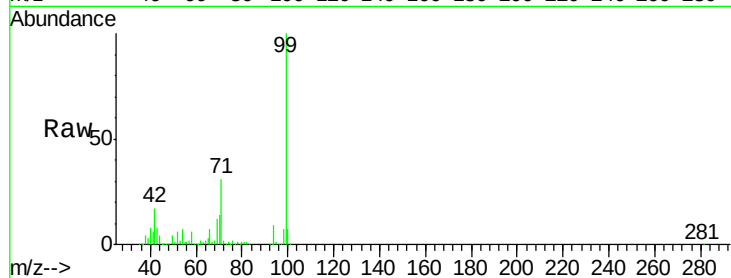
Tot Ion: 99 Resp: 1343211

Ion Ratio Lower Upper

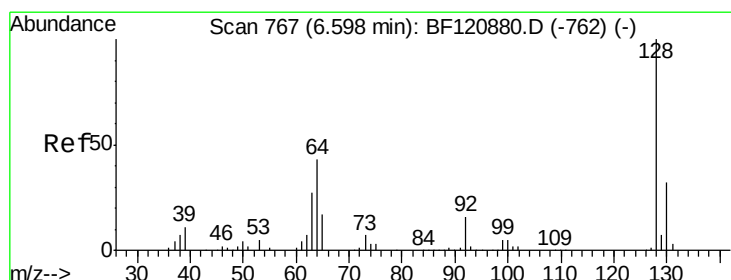
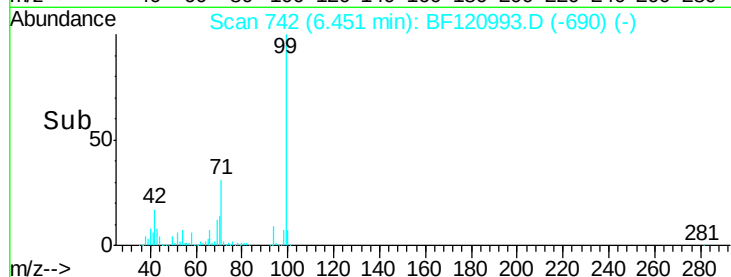
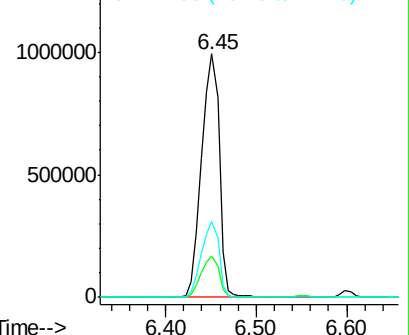
99 100

42 17.1 13.1 19.7

71 31.4 24.2 36.4



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: 46.763 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

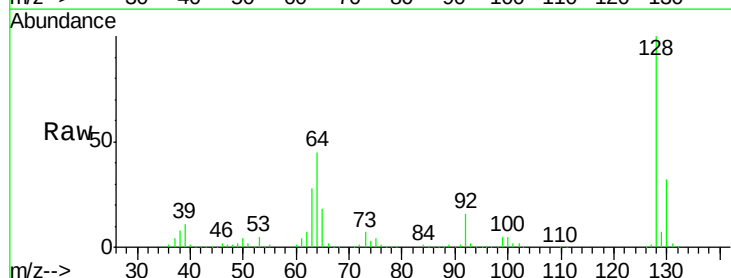
Tgt Ion: 128 Resp: 518438

Ion Ratio Lower Upper

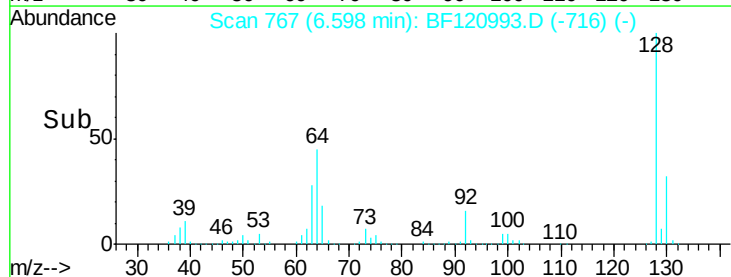
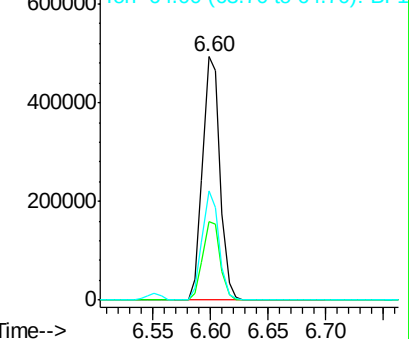
128 100

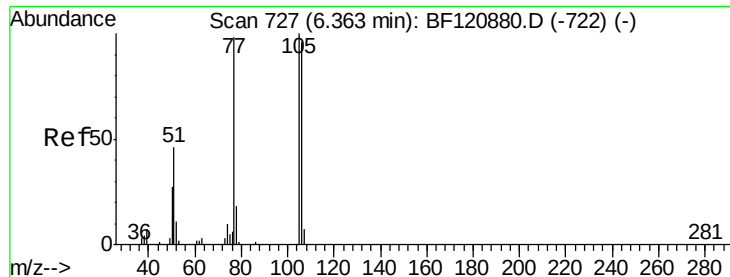
130 32.3 12.1 52.1

64 45.0 24.0 64.0



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: 53.717 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

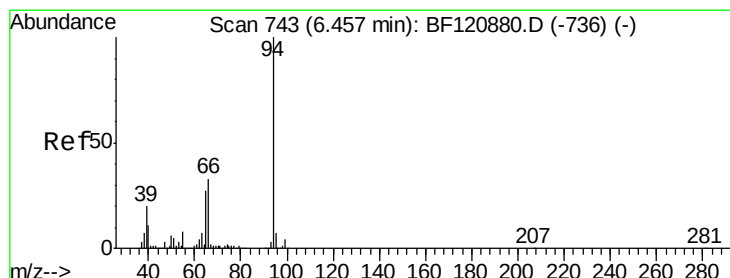
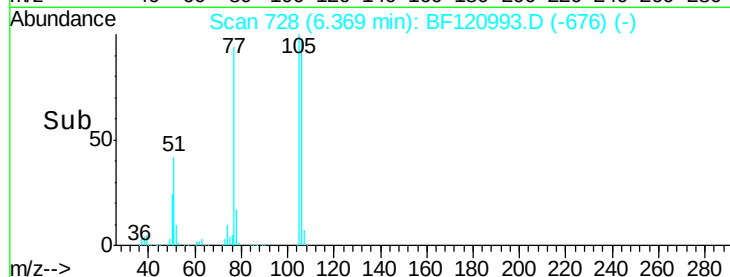
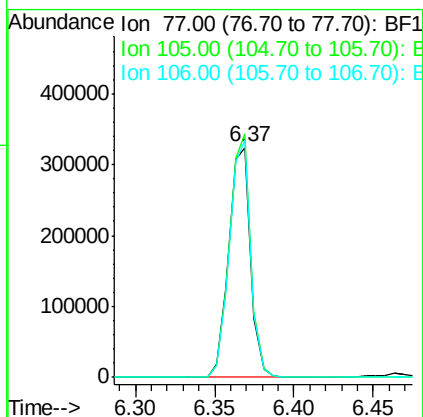
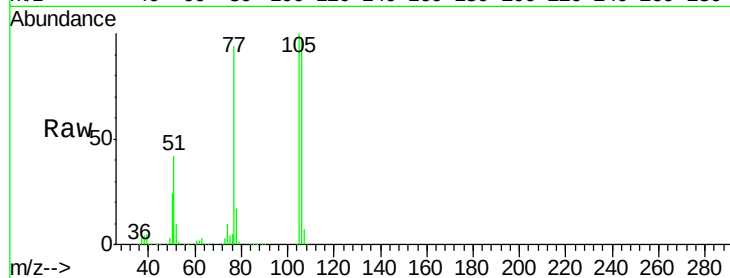
Tot Ion: 77 Resp: 309243

Ion Ratio Lower Upper

77 100

105 106.0 82.5 122.5

106 103.3 78.7 118.7



#10

Phenol

Concen: 36.934 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

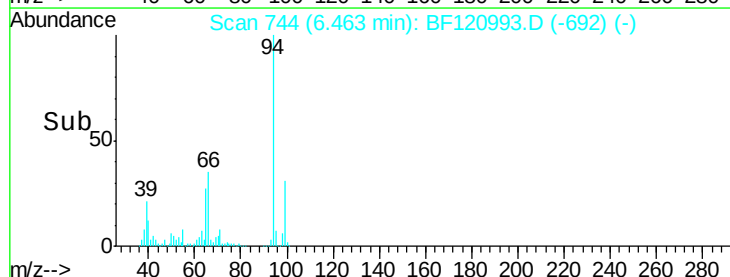
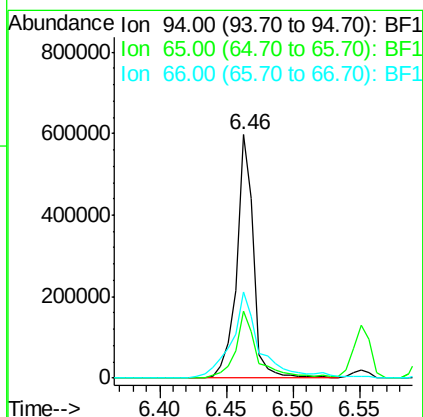
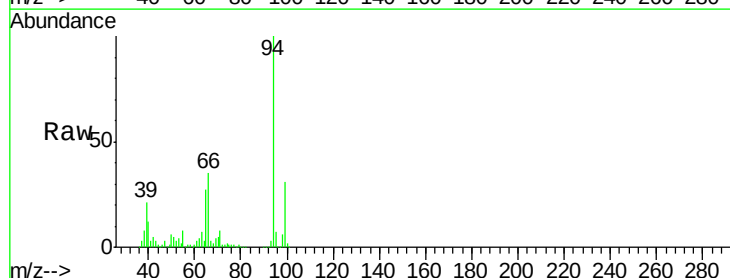
Tgt Ion: 94 Resp: 528156

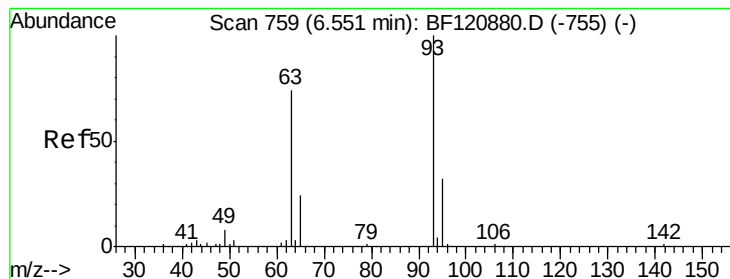
Ion Ratio Lower Upper

94 100

65 27.5 6.6 46.6

66 35.3 13.2 53.2





#11

bis(2-Chloroethyl)ether

Concen: 46.122 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

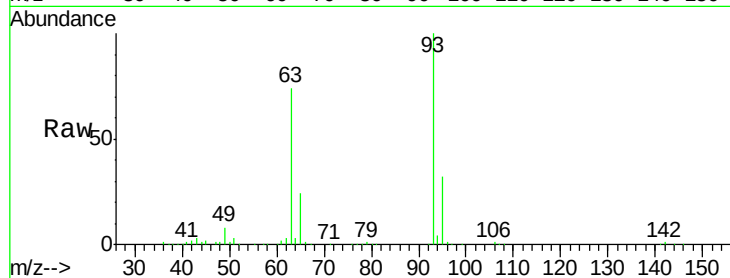
Tot Ion: 93 Resp: 505464

Ion Ratio Lower Upper

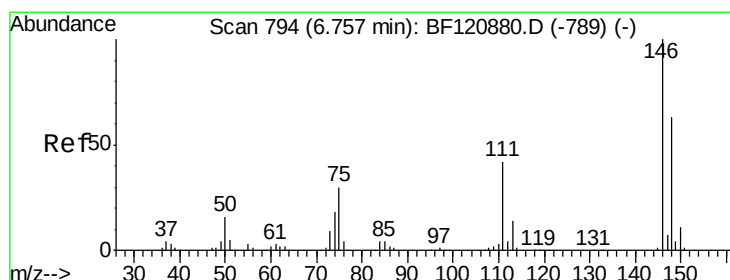
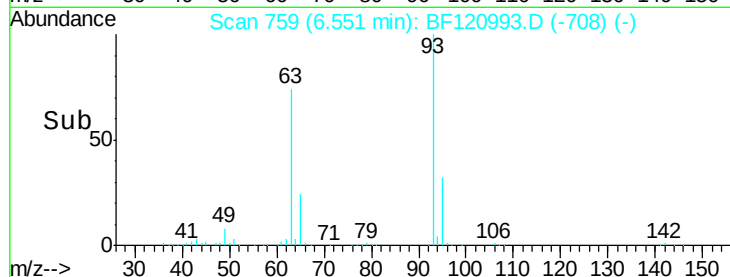
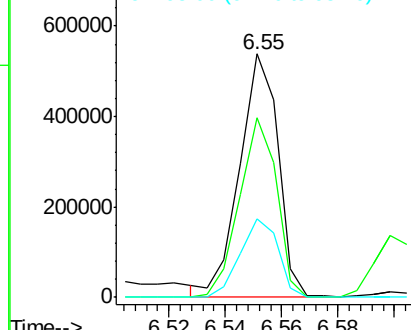
93 100

63 73.6 54.2 94.2

95 32.2 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 44.031 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

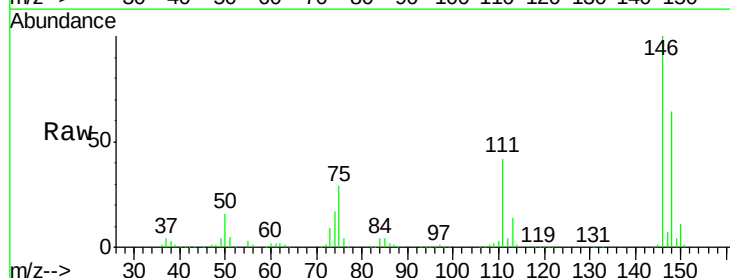
Tgt Ion: 146 Resp: 529317

Ion Ratio Lower Upper

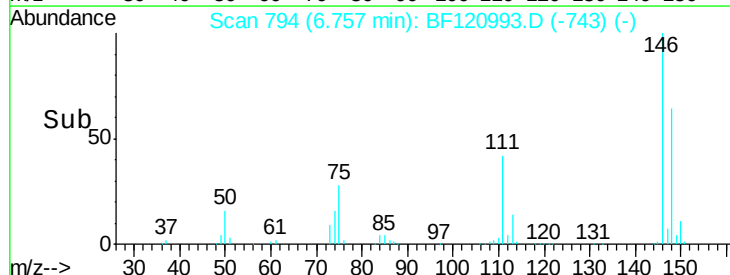
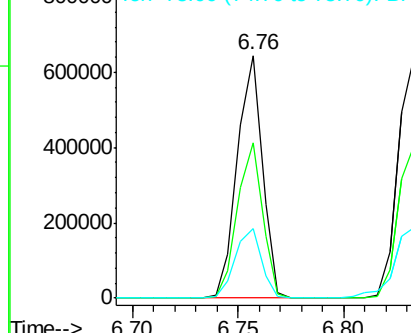
146 100

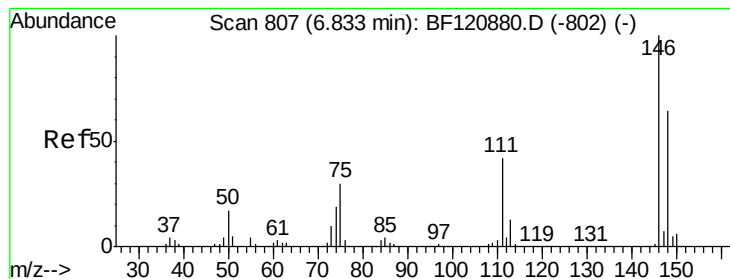
148 64.1 50.6 75.8

75 28.9 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 44.694 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

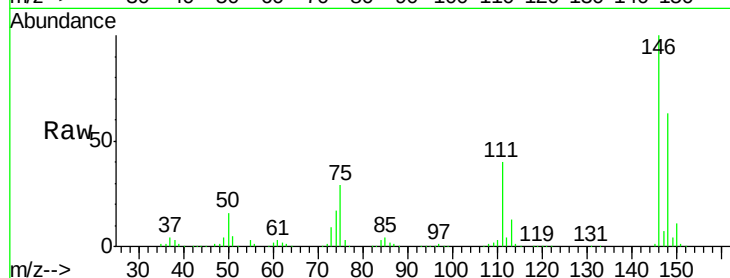
Tot Ion:146 Resp: 534260

Ion Ratio Lower Upper

146 100

148 63.4 51.6 77.4

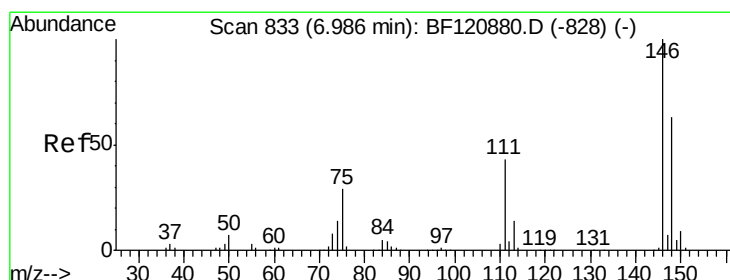
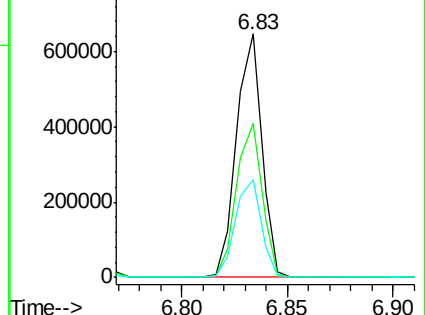
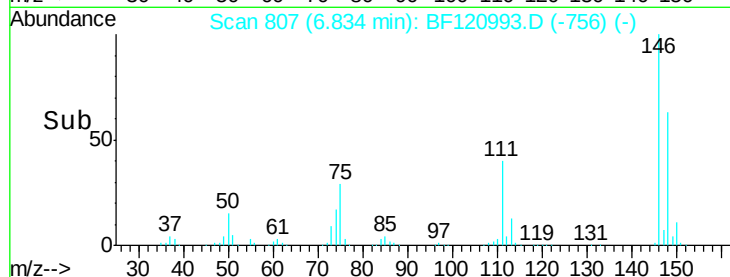
111 40.0 33.5 50.3



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: 44.943 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

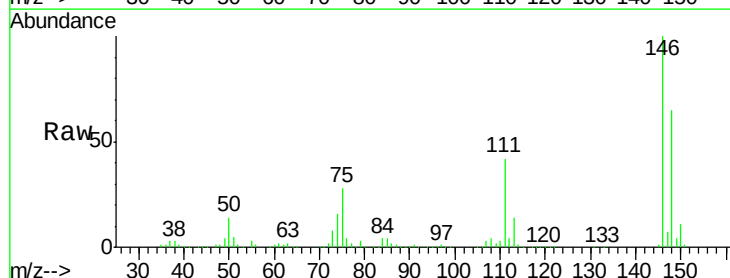
Tgt Ion:146 Resp: 508246

Ion Ratio Lower Upper

146 100

148 64.8 50.6 76.0

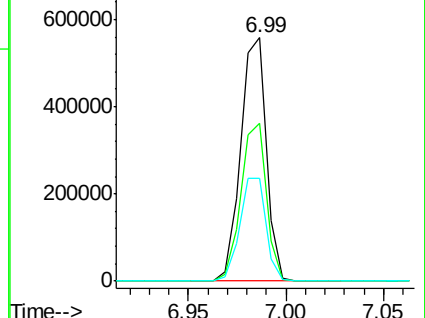
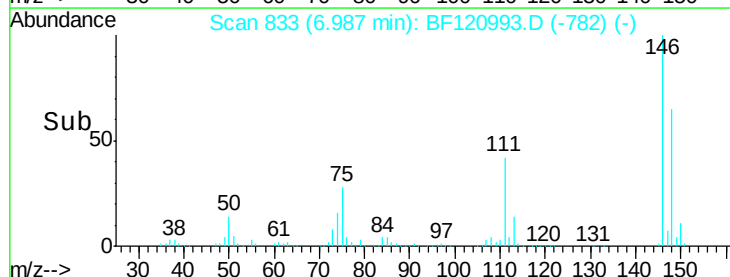
111 42.0 34.2 51.2

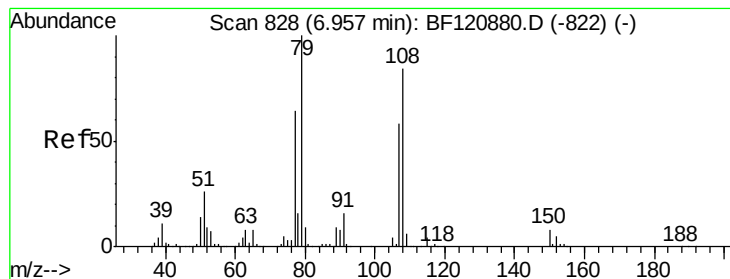


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.687 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampled :

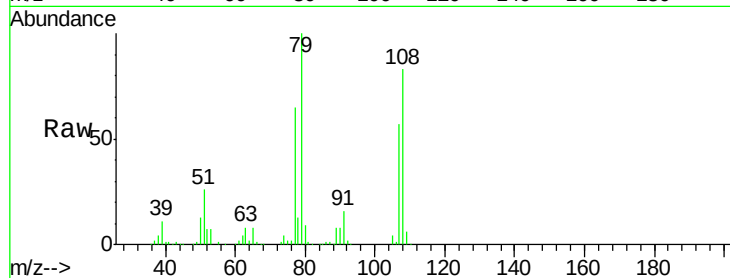
Tot Ion: 79 Resp: 420014

Ion Ratio Lower Upper

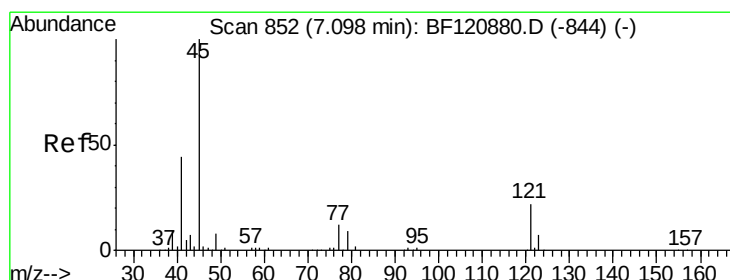
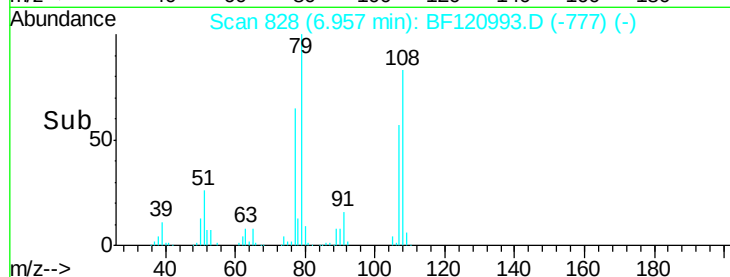
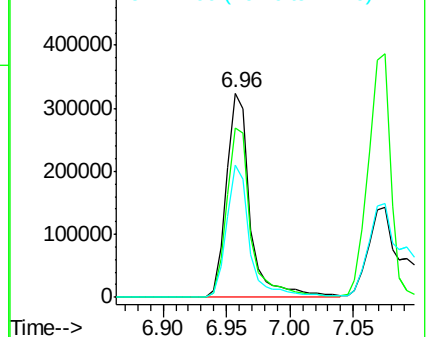
79 100

108 83.0 67.0 100.6

77 64.6 51.0 76.4



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: 43.802 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

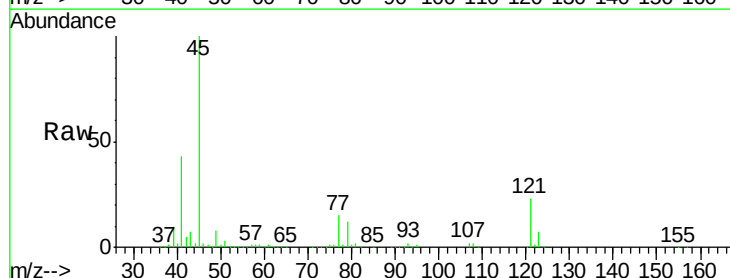
Tgt Ion: 45 Resp: 691916

Ion Ratio Lower Upper

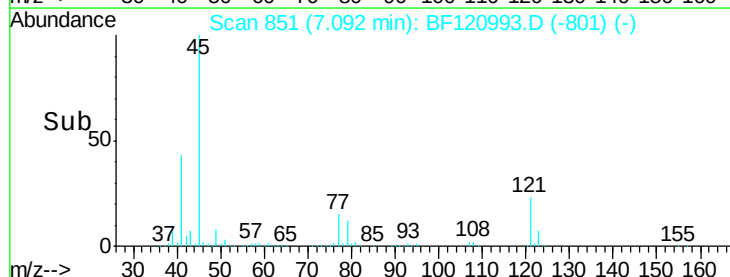
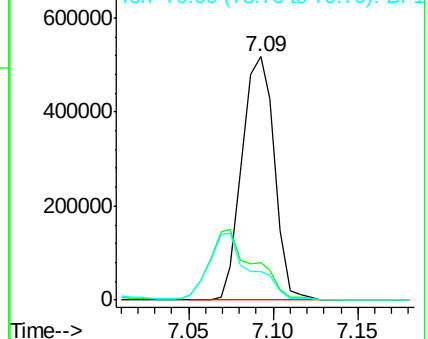
45 100

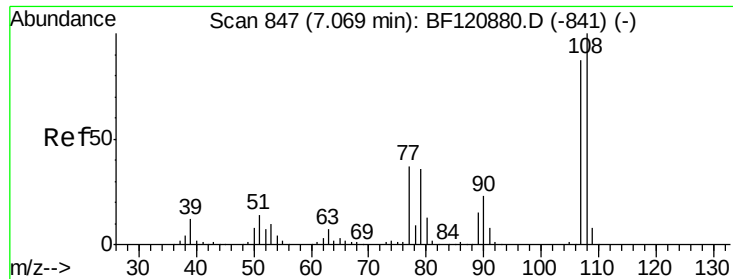
77 15.2 0.0 34.3

79 11.8 0.0 31.0



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

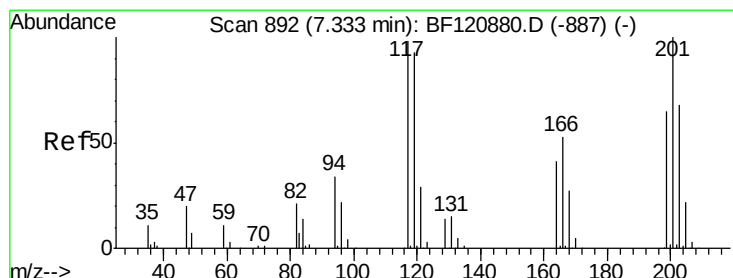
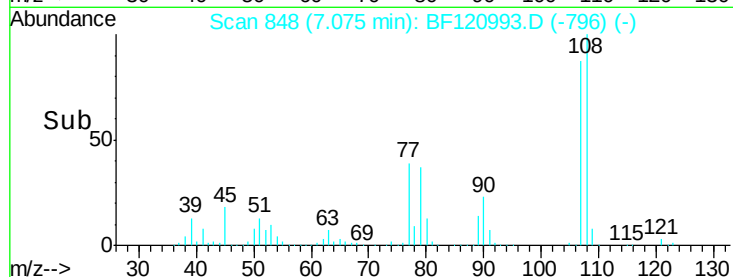
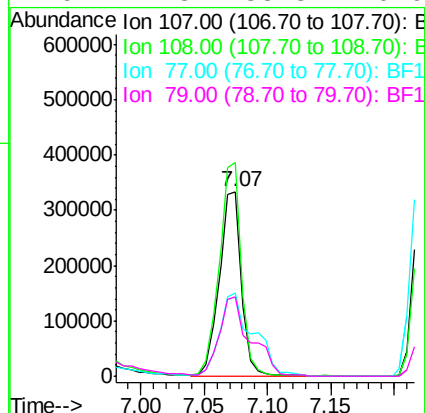
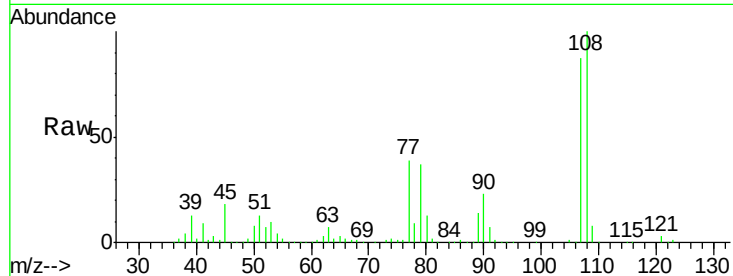




#17
2-Methylphenol
Concen: 41.489 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

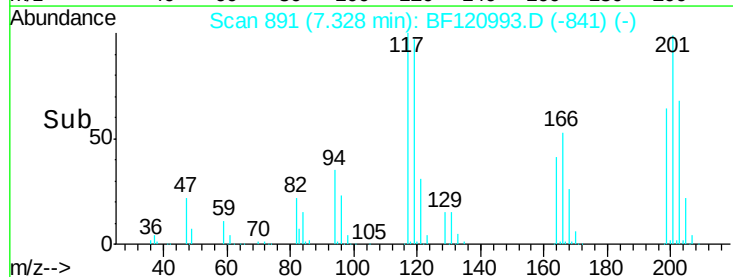
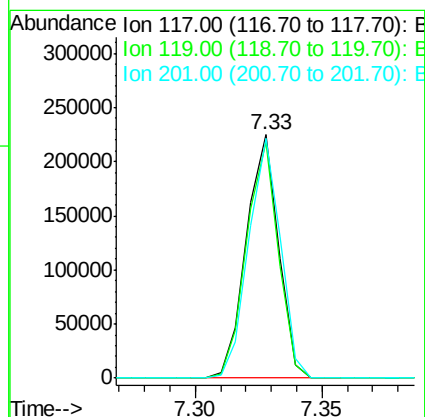
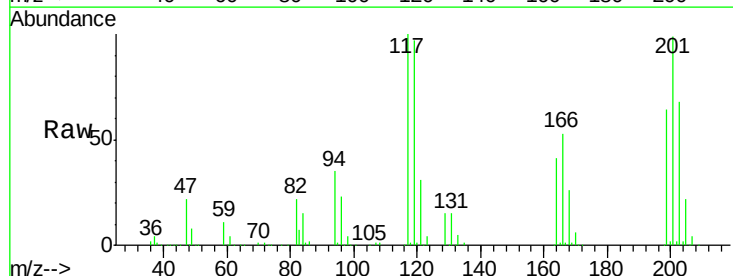
Instrument :
BNA_F
ClientSampled :

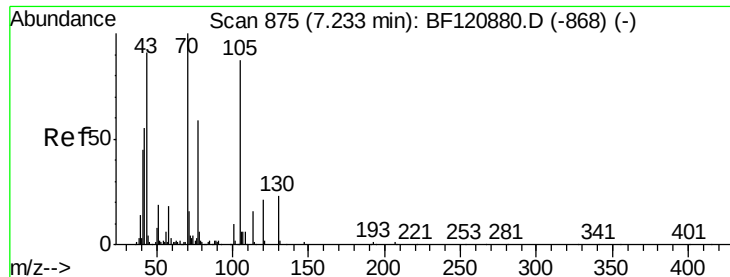
Tot Ion:107 Resp: 407685
Ion Ratio Lower Upper
107 100
108 115.5 92.0 138.0
77 44.7 34.0 51.0
79 42.8 33.3 49.9



#18
Hexachloroethane
Concen: 45.810 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion:117 Resp: 198201
Ion Ratio Lower Upper
117 100
119 97.1 76.0 114.0
201 98.5 81.7 122.5

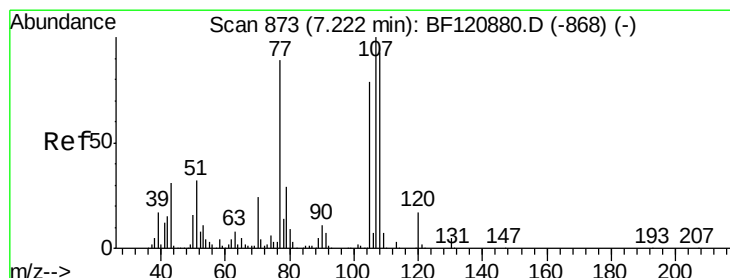
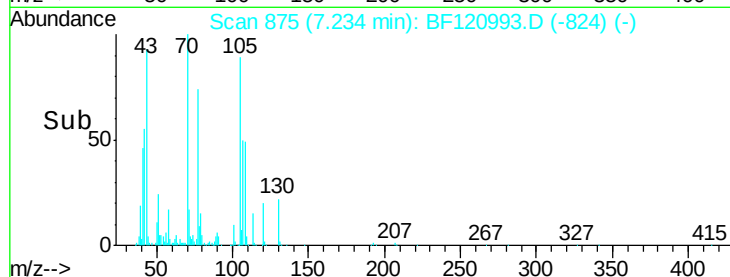
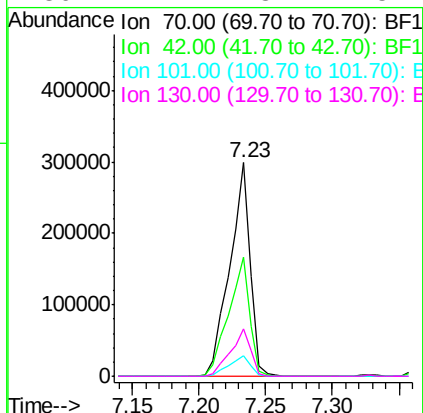
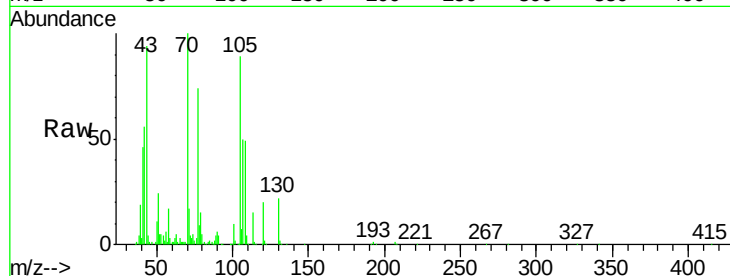




#19
n-Nitroso-di-n-propylamine
Concen: 43.780 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

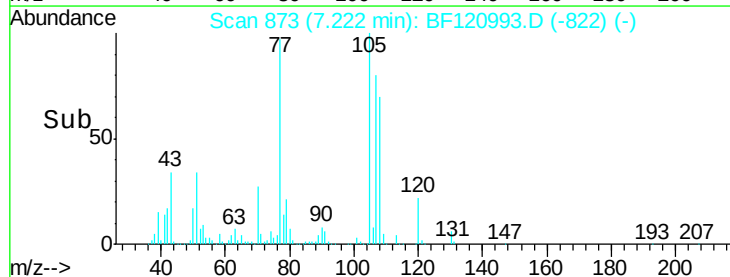
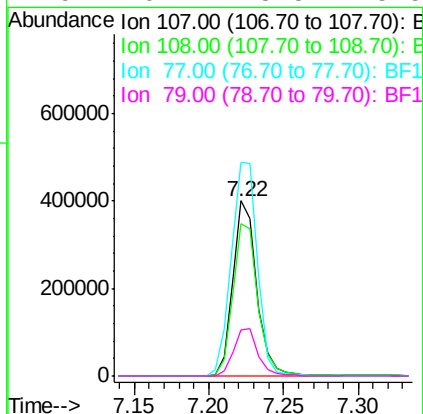
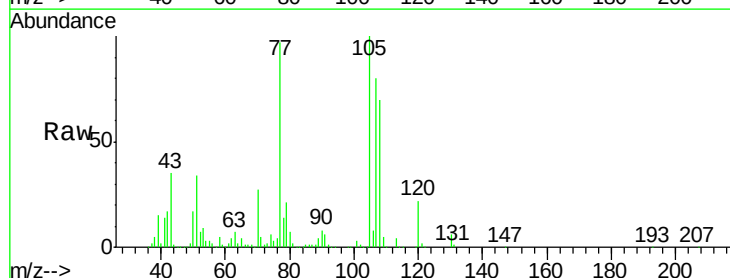
Instrument :
BNA_F
ClientSampleId :

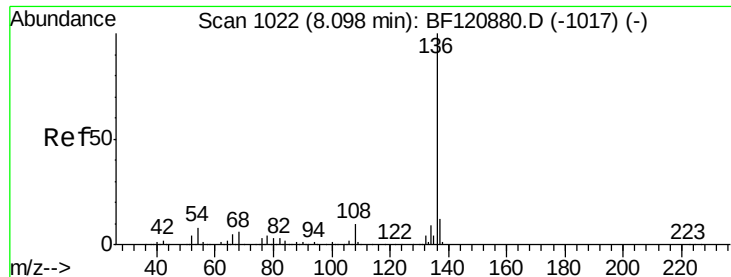
Tot Ion:	70	Resp:	323622
Ion	Ratio	Lower	Upper
70	100		
42	55.5	44.0	66.0
101	9.7	7.8	11.6
130	22.4	18.7	28.1



#20
3+4-Methylphenols
Concen: 35.878 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion:	107	Resp:	448467
Ion	Ratio	Lower	Upper
107	100		
108	87.4	72.8	112.8
77	122.1	68.7	108.7#
79	26.2	8.5	48.5

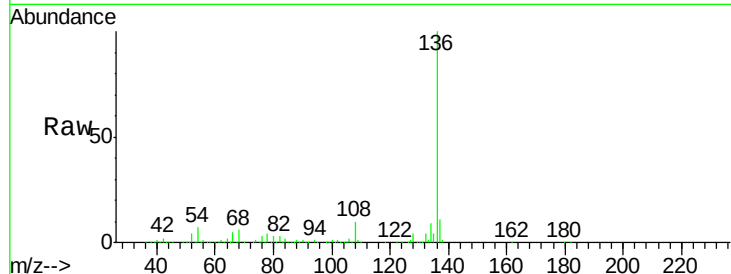




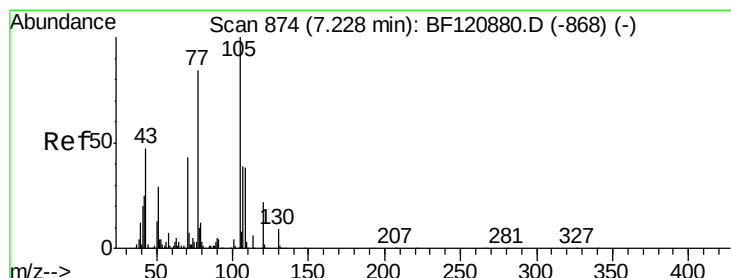
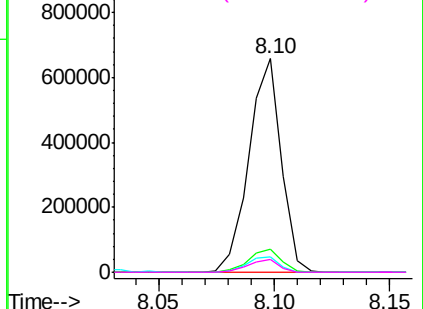
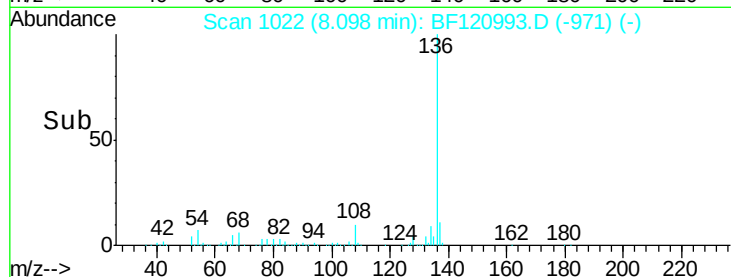
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	640543
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.3 13.9
54	7.1	6.3 9.5
68	5.8	5.0 7.4

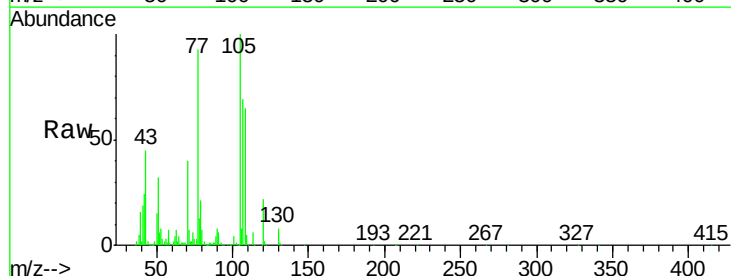


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

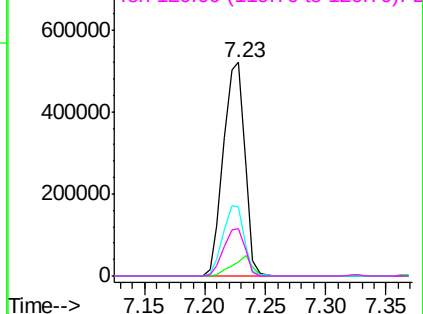
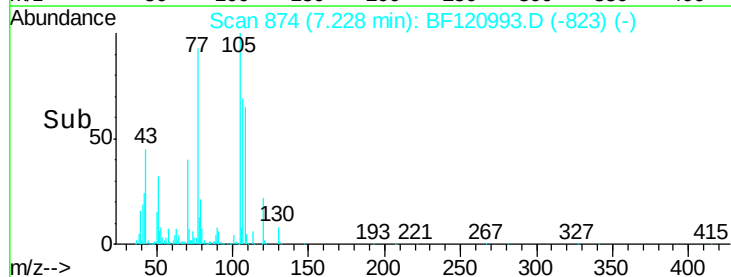


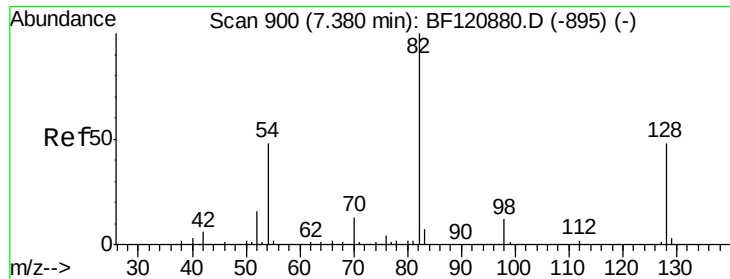
#22
Acetophenone
Concen: 44.496 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion:105	Resp:	639656
Ion Ratio	Lower	Upper
105	100	
71	6.8	5.7 8.5
51	32.3	22.9 34.3
120	22.1	18.0 27.0



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

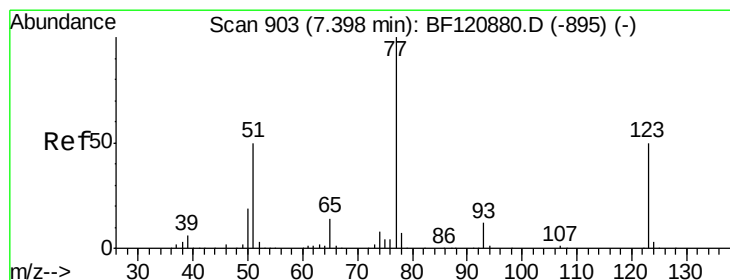
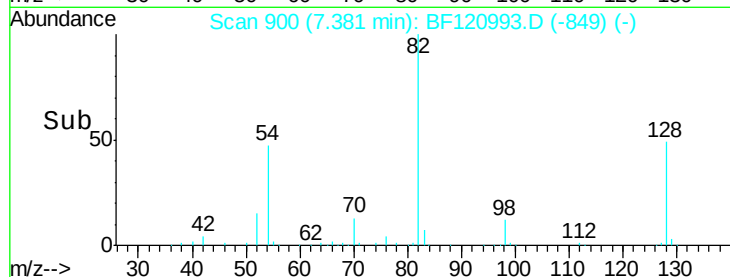
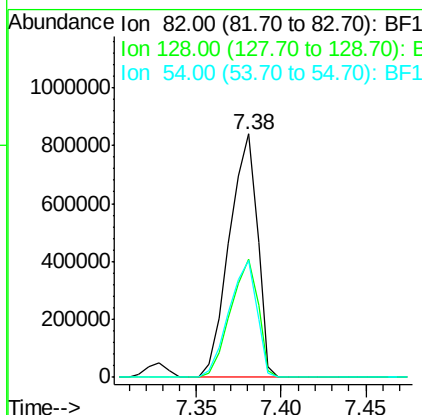
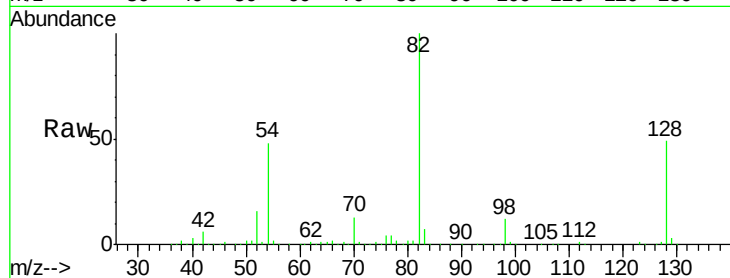




#23
 Nitrobenzene-d5
 Concen: 88.008 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

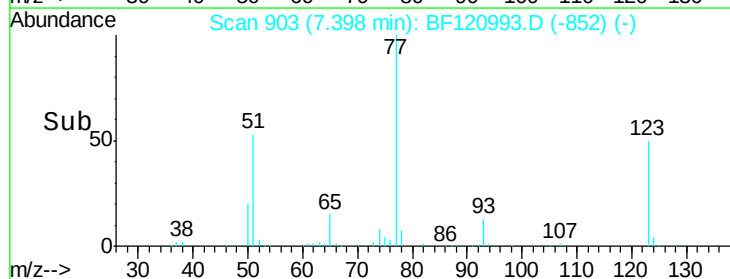
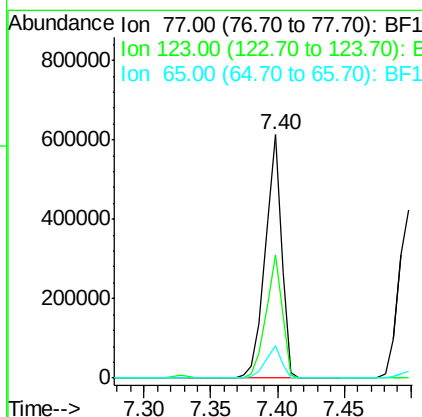
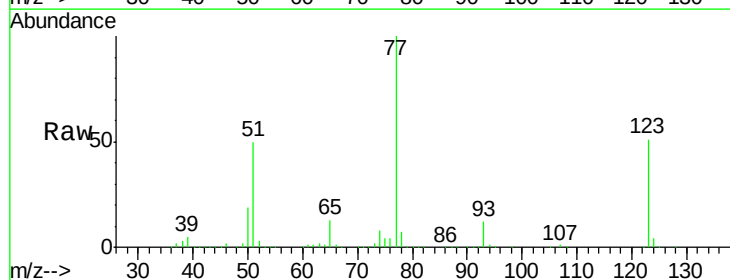
Instrument :
 BNA_F
 ClientSampleId :

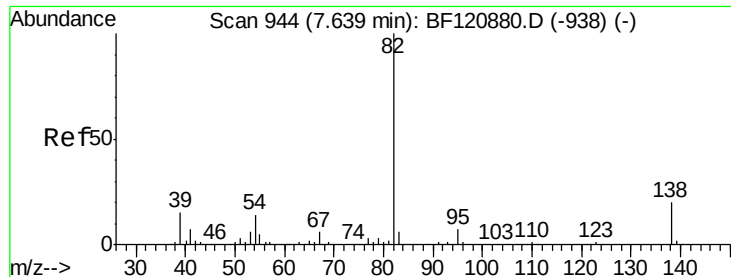
Tot Ion	82	Resp	974251
Ion Ratio	100	Lower	Upper
128	48.5	38.2	57.4
54	47.8	38.7	58.1



#24
 Nitrobenzene
 Concen: 43.319 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Tgt Ion	77	Resp	516850
Ion Ratio	100	Lower	Upper
123	50.5	40.1	60.1
65	13.3	10.8	16.2





#25

Isophorone

Concen: 44.378 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

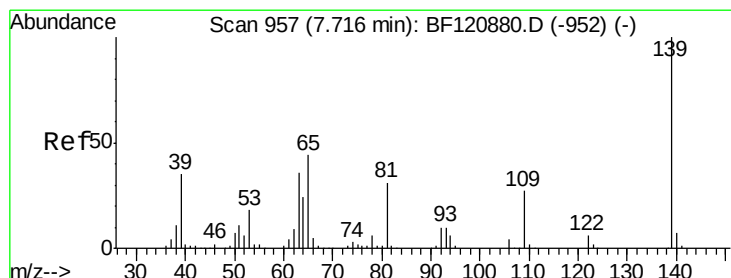
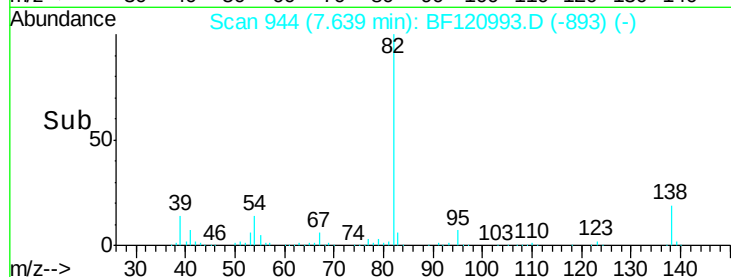
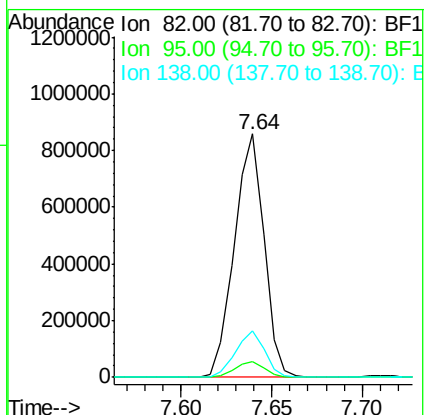
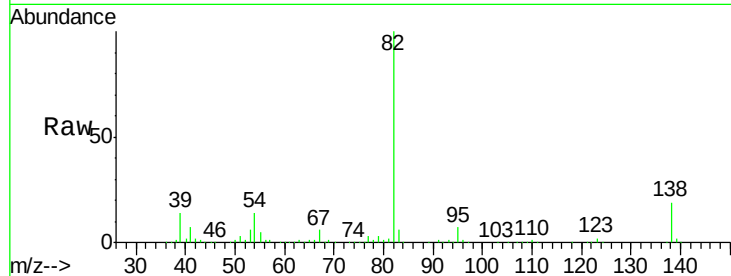
Tot Ion: 82 Resp: 980442

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 19.1 15.6 23.4



#26

2-Nitrophenol

Concen: 49.044 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

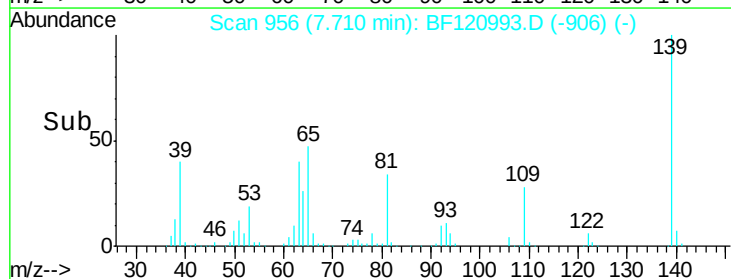
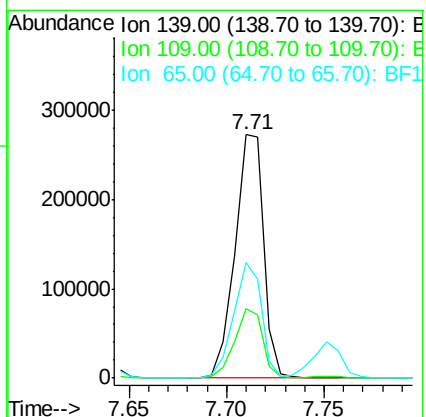
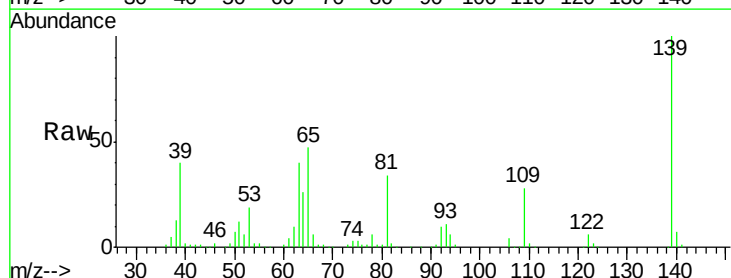
Tgt Ion: 139 Resp: 277912

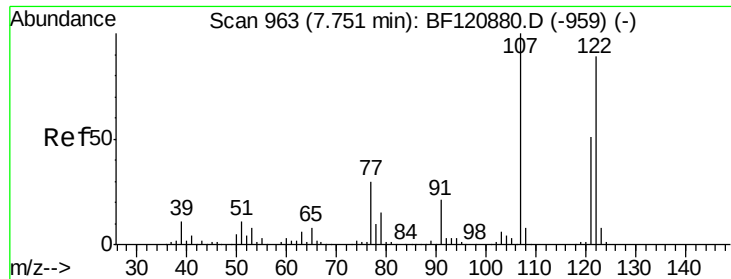
Ion Ratio Lower Upper

139 100

109 28.3 21.6 32.4

65 47.4 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 48.223 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampled :

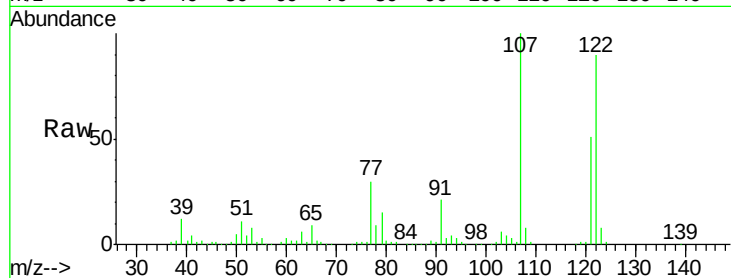
Tot Ion:122 Resp: 443662

Ion Ratio Lower Upper

122 100

107 110.7 89.4 134.0

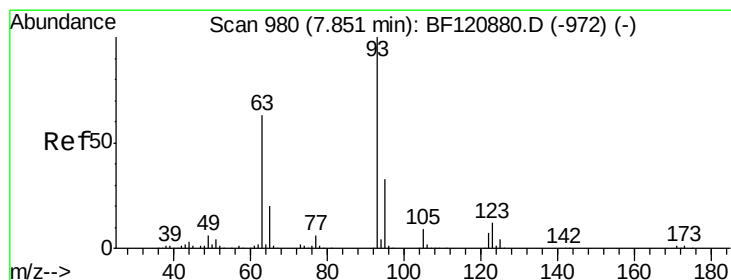
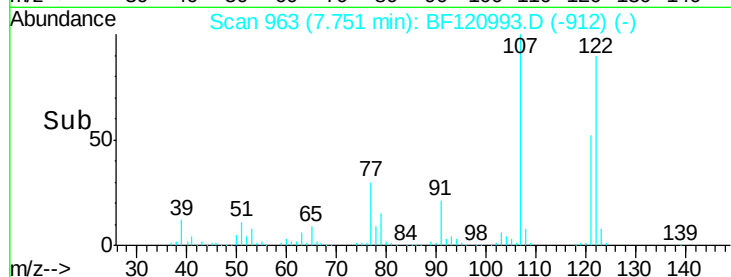
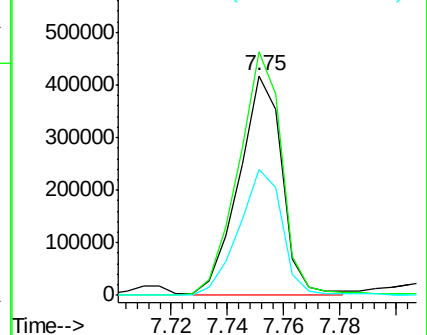
121 57.0 46.0 69.0



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: 46.354 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

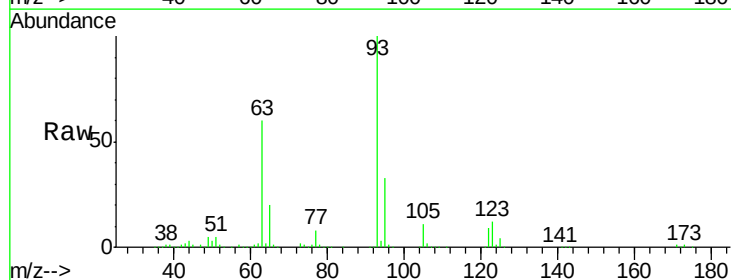
Tgt Ion: 93 Resp: 625137

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

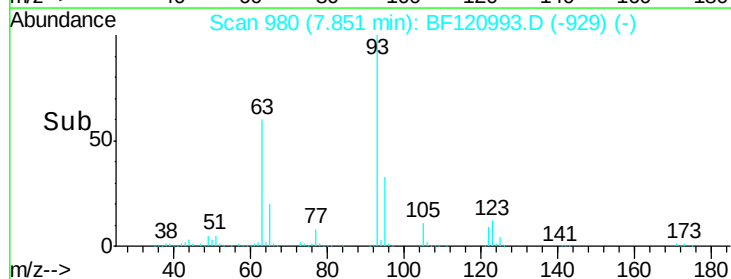
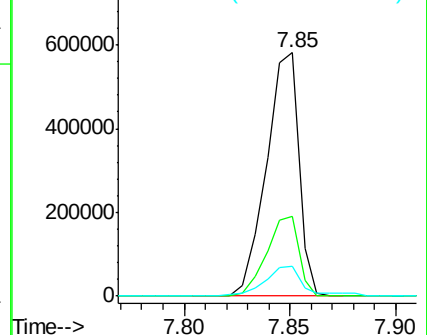
123 12.4 10.0 15.0

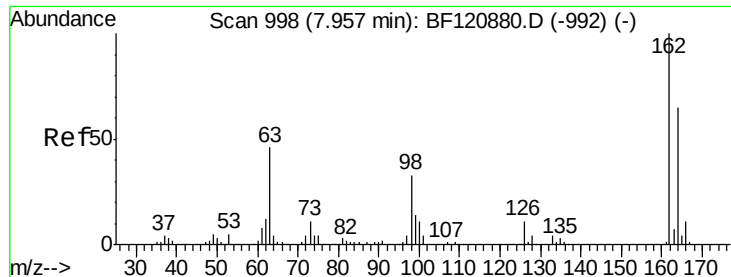


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

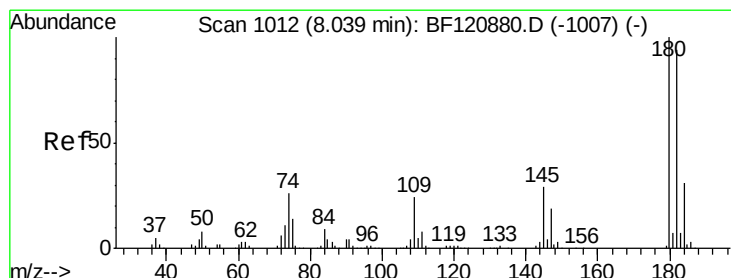
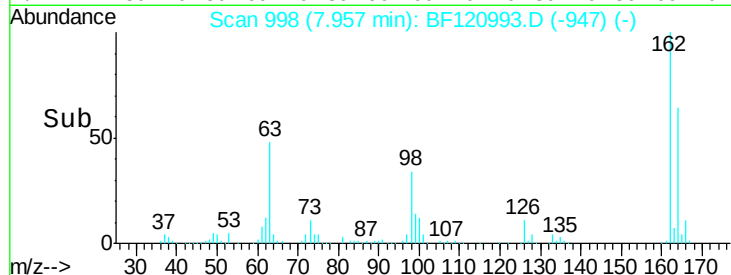
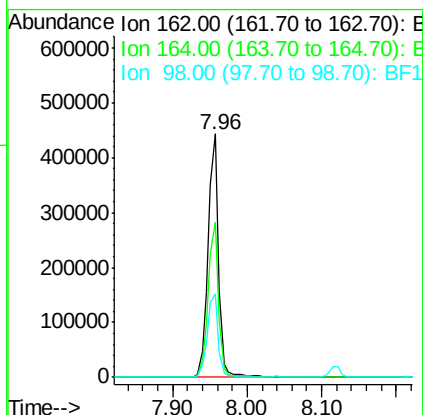
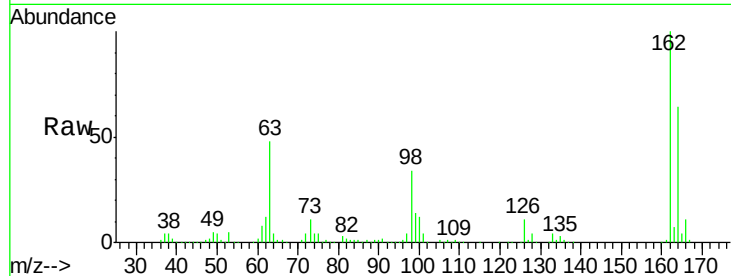




#29
 2,4-Dichlorophenol
 Concen: 46.345 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

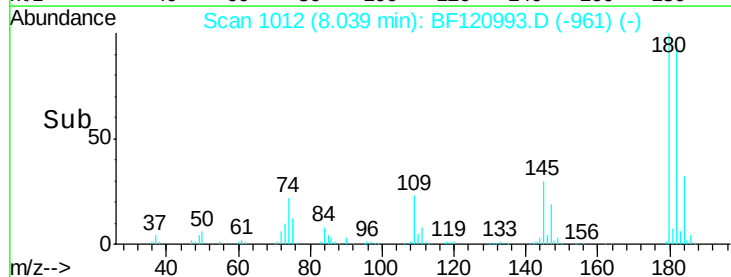
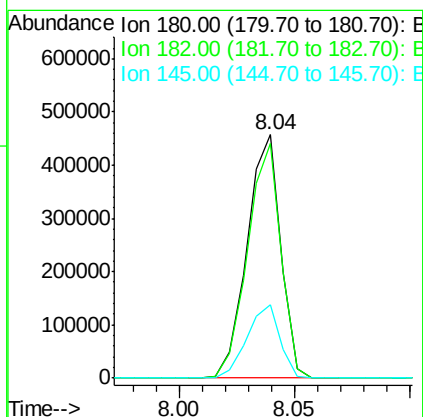
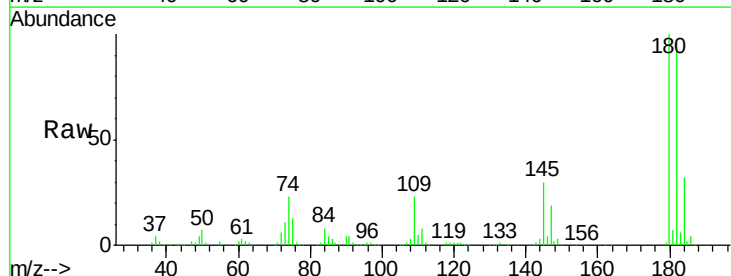
Instrument :
 BNA_F
 ClientSampleId :

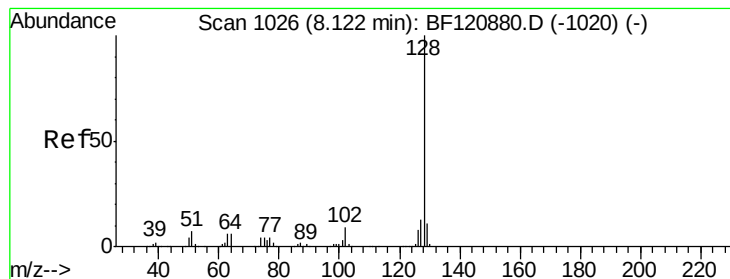
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.3	85.3
98	34.2	13.3	53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.590 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.0	112.6
145	30.0	23.5	35.3





#31

Naphthalene

Concen: 43.367 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

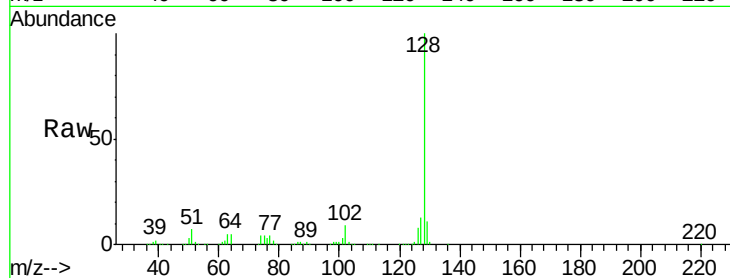
Tot Ion:128 Resp: 1424900

Ion Ratio Lower Upper

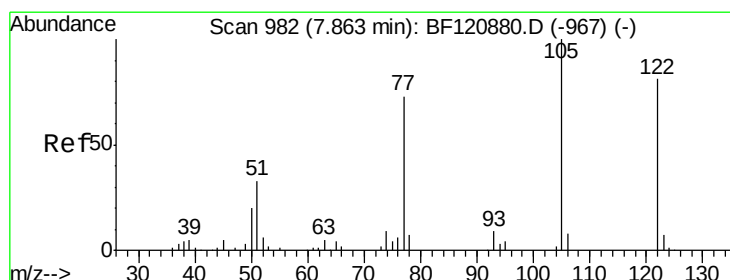
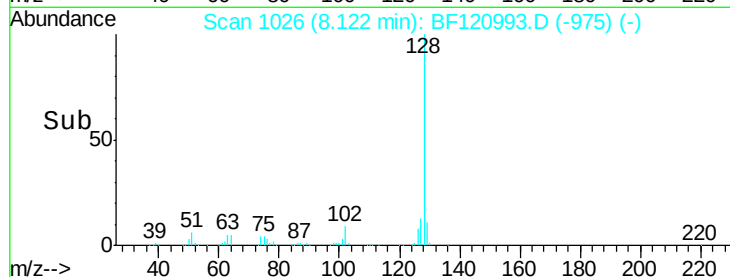
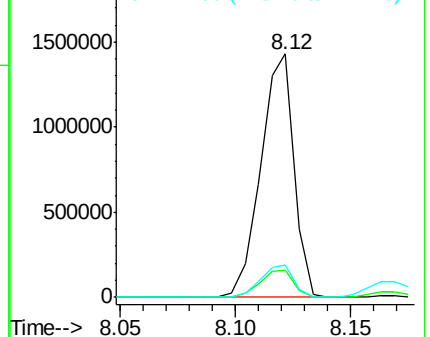
128 100

129 11.4 9.1 13.7

127 13.3 10.7 16.1



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: 41.064 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

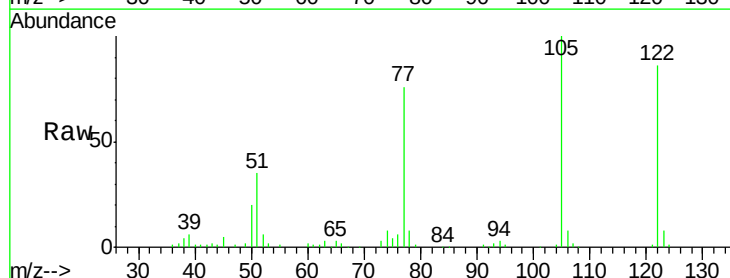
Tgt Ion:122 Resp: 283599

Ion Ratio Lower Upper

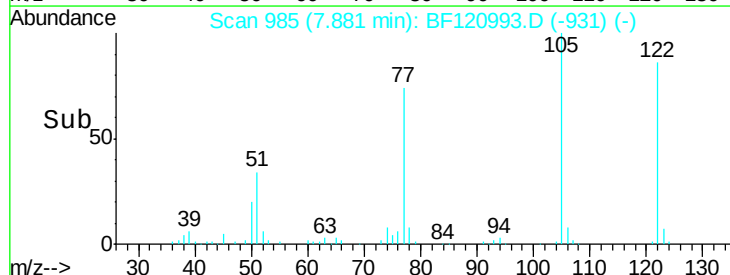
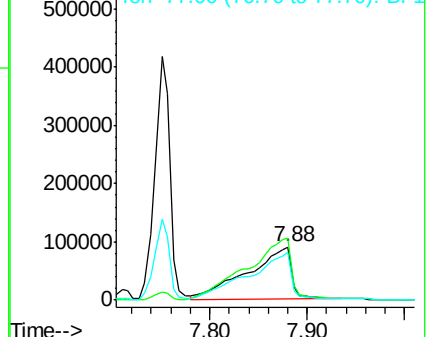
122 100

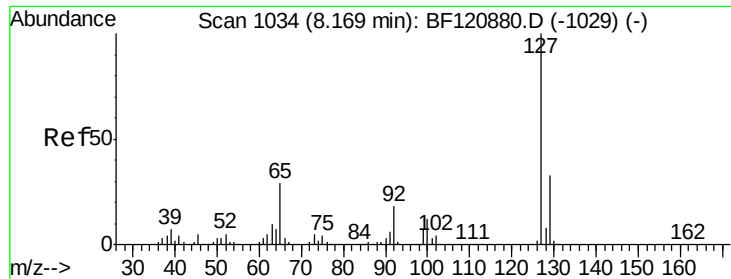
105 116.3 101.3 141.3

77 88.7 69.1 109.1



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

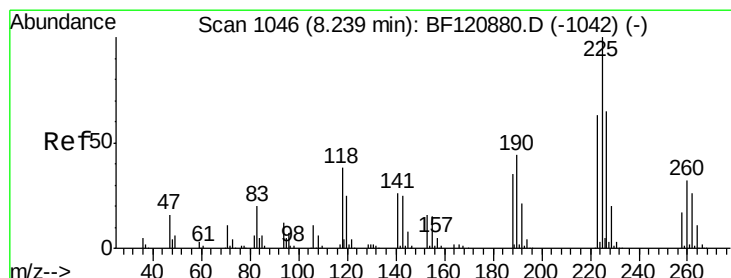
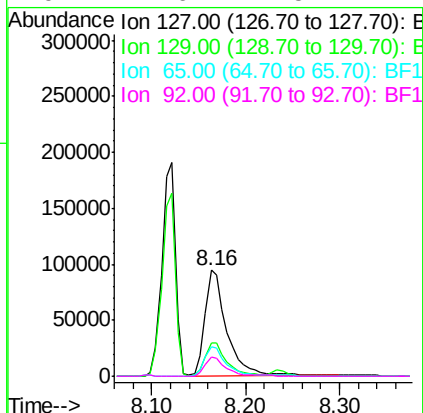
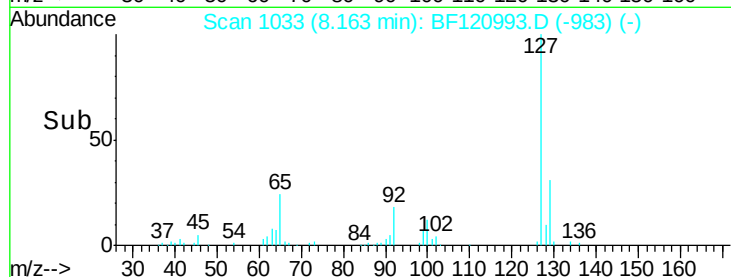
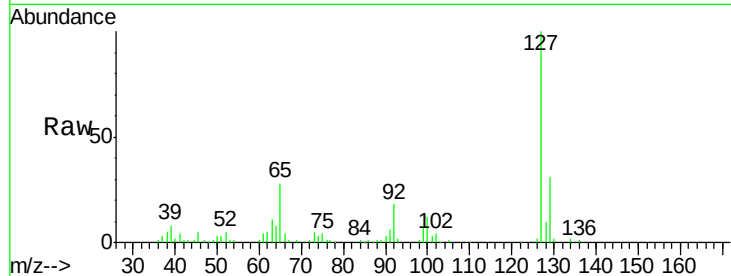




#33
4-Chloroaniline
Concen: 10.561 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

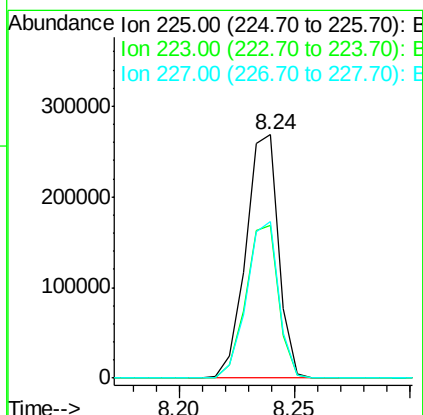
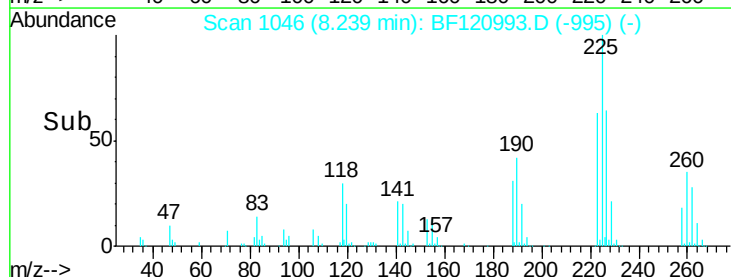
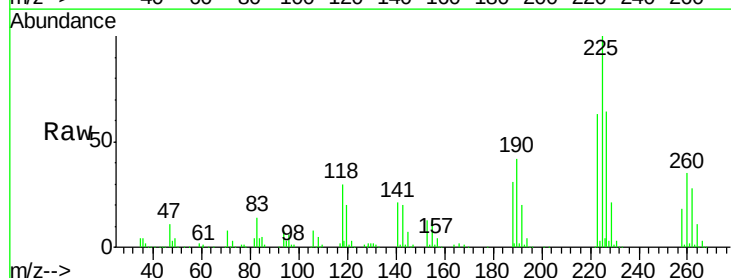
Instrument :
BNA_F
ClientSampled :

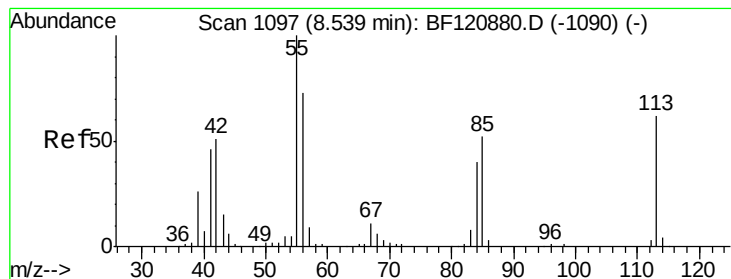
Tot Ion:	127	Resp:	154801
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.5	39.7
65	27.5	23.0	34.4
92	17.6	14.5	21.7



#34
Hexachlorobutadiene
Concen: 43.123 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion:	225	Resp:	265154
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	64.2	52.2	78.2





#35

Caprolactam

Concen: 38.588 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampled :

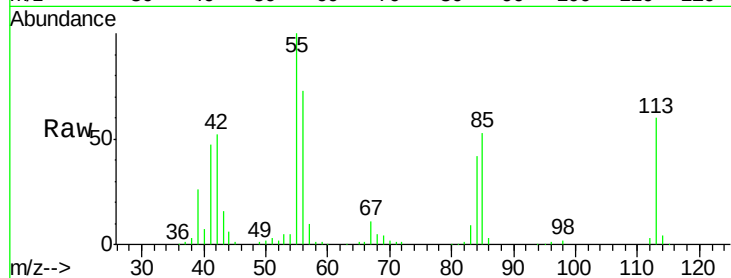
Tot Ion:113 Resp: 116337

Ion Ratio Lower Upper

113 100

55 165.5 143.3 183.3

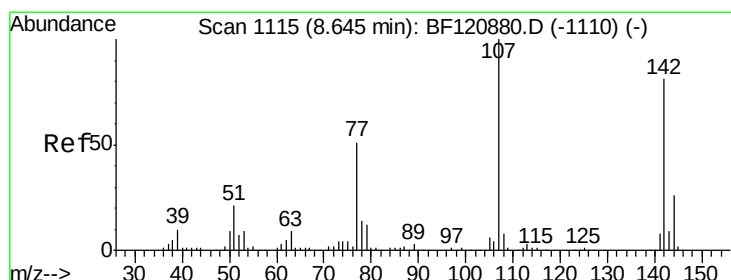
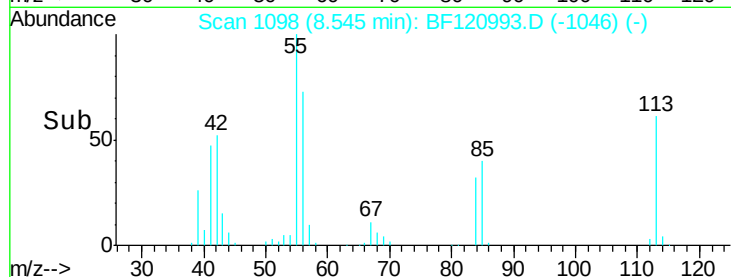
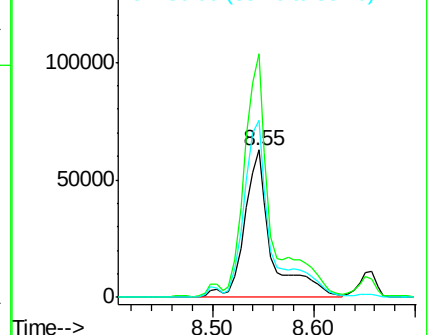
56 120.3 99.4 139.4



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: 46.602 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

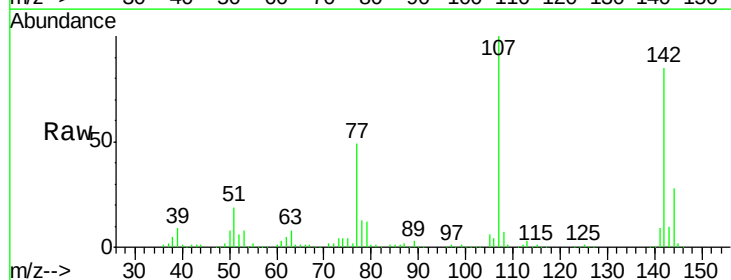
Tgt Ion:107 Resp: 449332

Ion Ratio Lower Upper

107 100

144 27.5 21.0 31.6

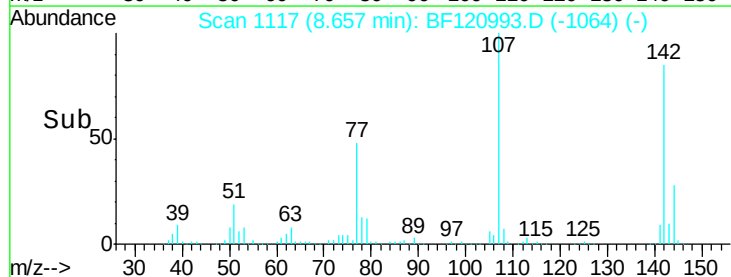
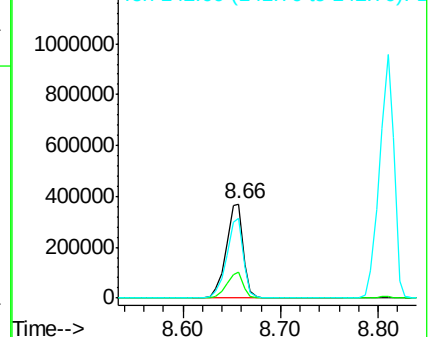
142 85.2 65.0 97.6

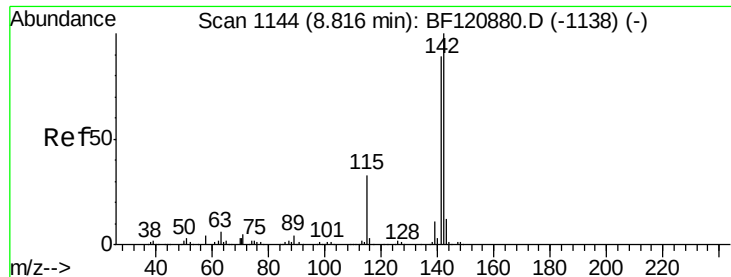


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

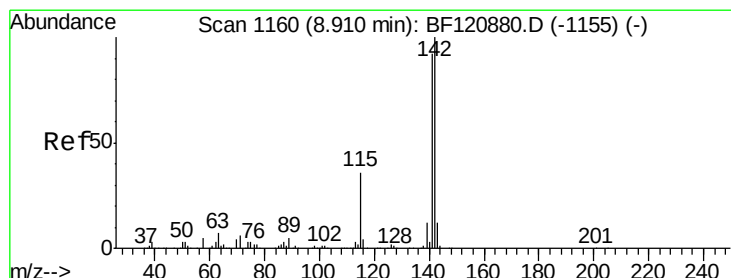
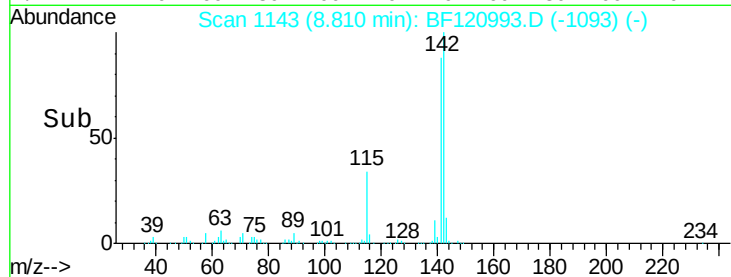
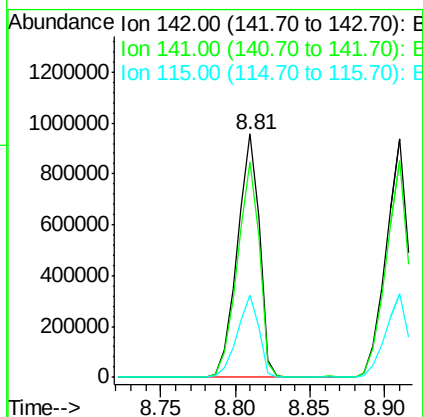
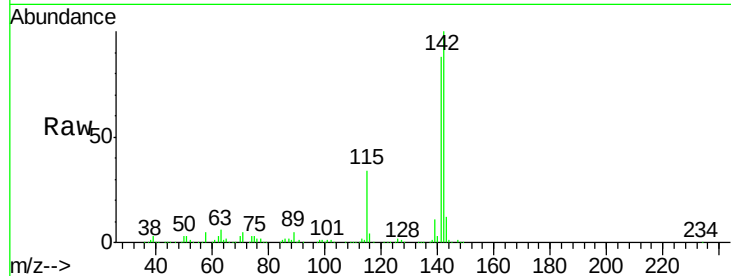




#37
 2-Methylnaphthalene
 Concen: 46.431 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

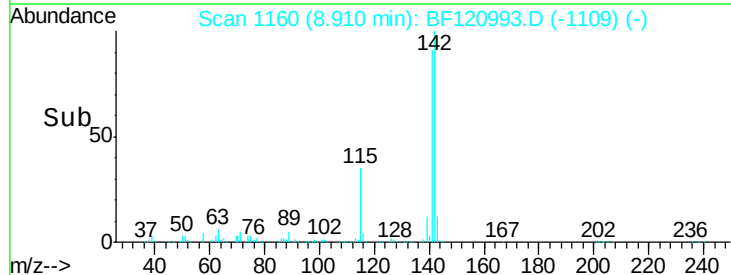
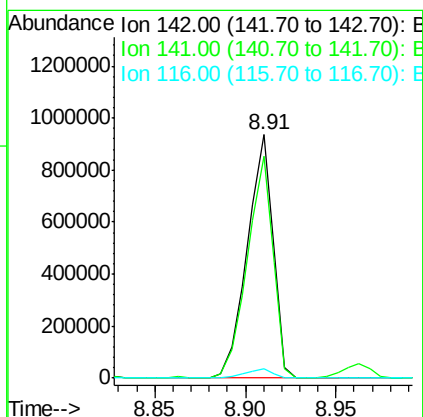
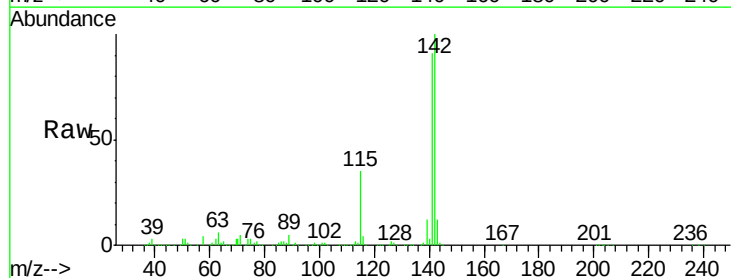
Instrument :
 BNA_F
 ClientSampleId :

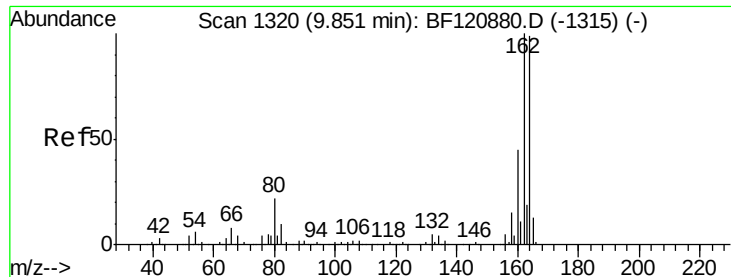
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.4
115	33.7	26.0	39.0



#38
 1-Methylnaphthalene
 Concen: 45.853 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.7	110.5
116	3.7	3.0	4.6

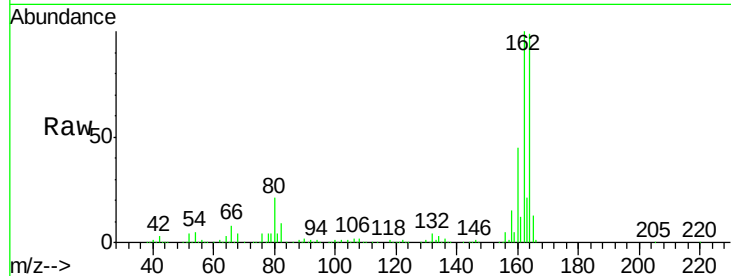




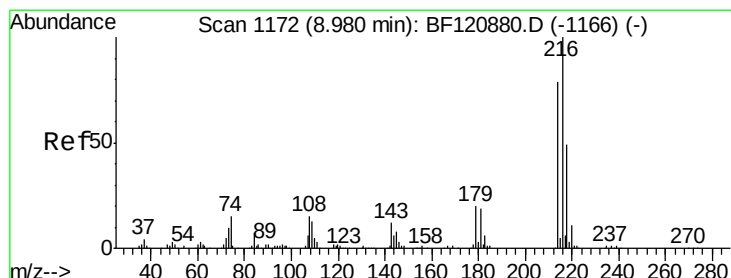
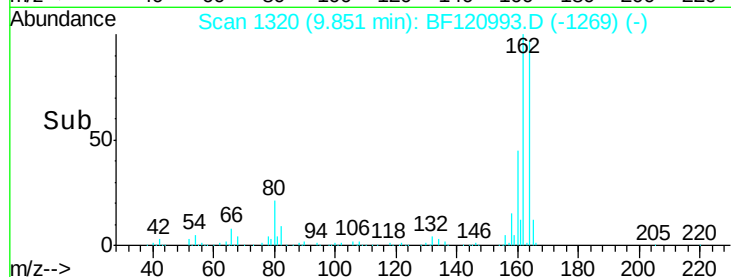
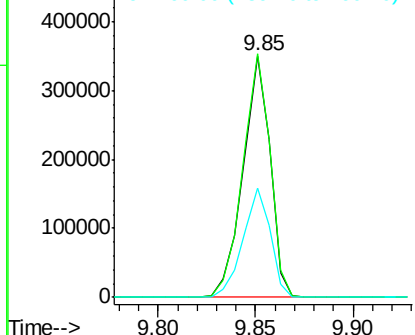
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 337708
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.2 121.8
 160 45.2 36.9 55.3

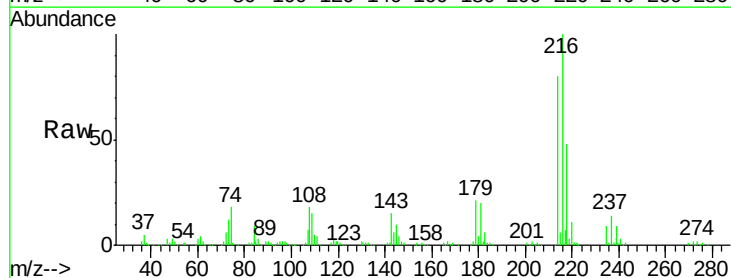


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

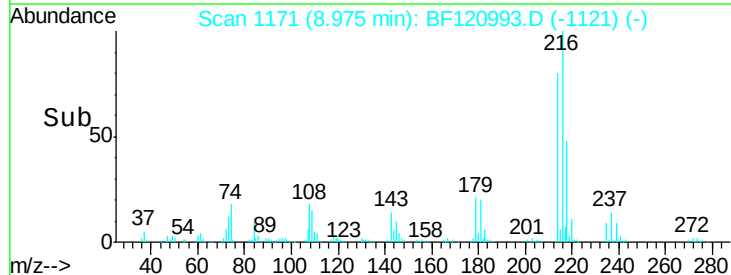
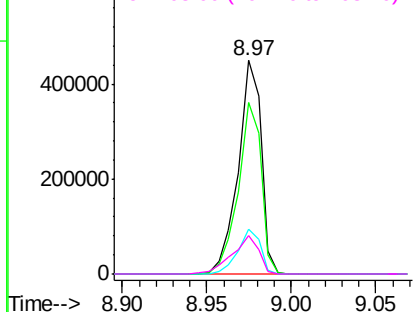


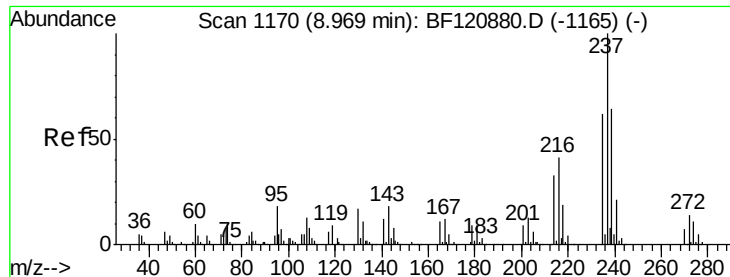
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.588 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Tgt Ion:216 Resp: 428874
 Ion Ratio Lower Upper
 216 100
 214 79.9 63.8 95.8
 179 20.6 16.6 24.8
 108 20.5 15.4 23.0



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: 84.412 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

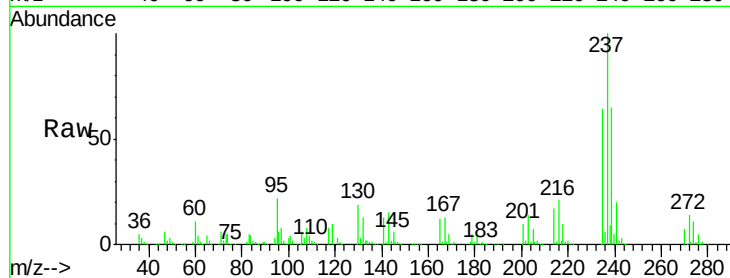
Tot Ion:237 Resp: 459033

Ion Ratio Lower Upper

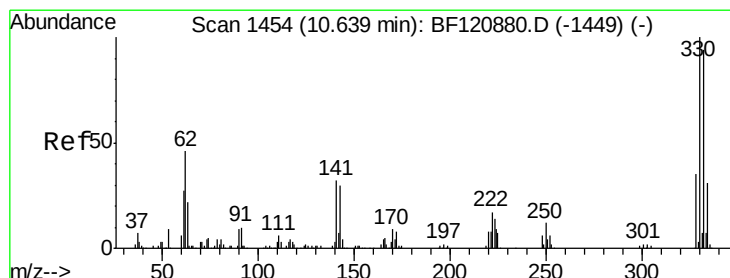
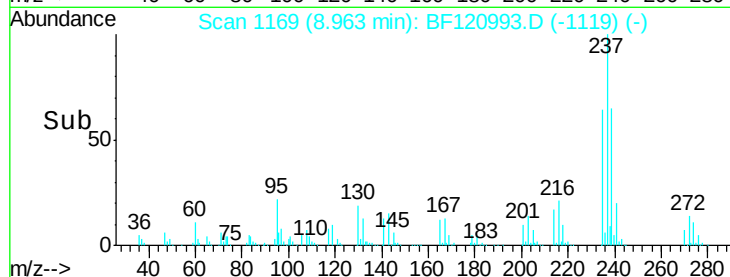
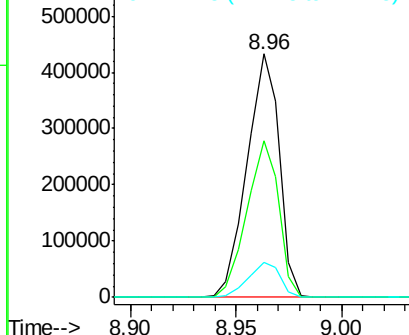
237 100

235 64.2 41.6 81.6

272 14.2 0.0 33.7



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: 125.774 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

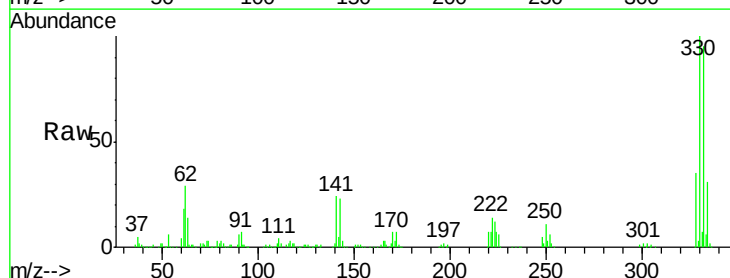
Tgt Ion:330 Resp: 464929

Ion Ratio Lower Upper

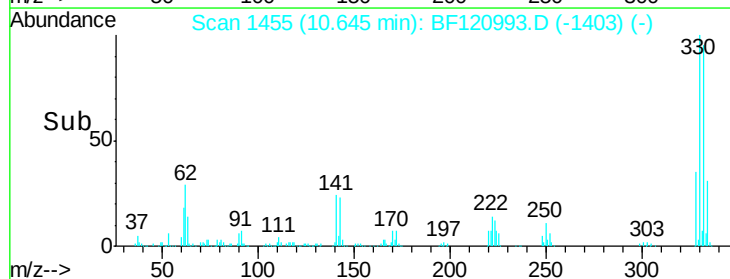
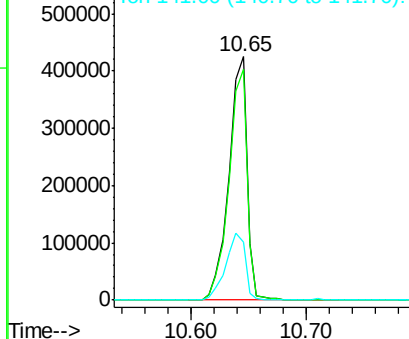
330 100

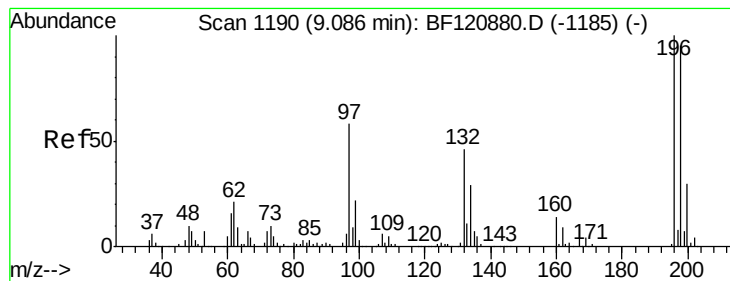
332 95.3 75.5 113.3

141 29.7 25.7 38.5



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: 46.246 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

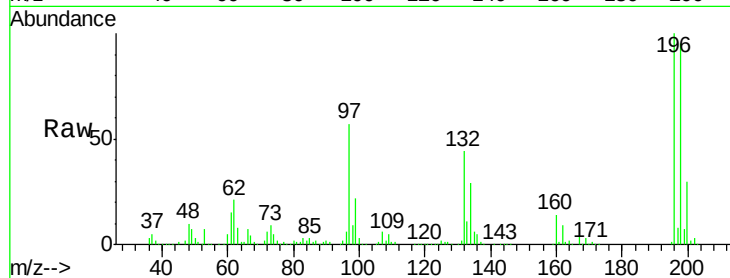
Tot Ion:196 Resp: 320385

Ion Ratio Lower Upper

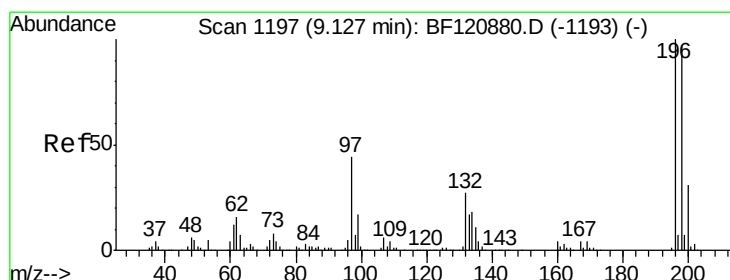
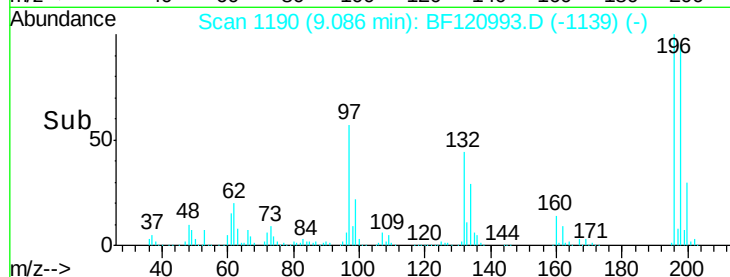
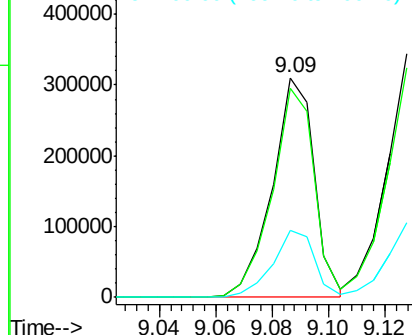
196 100

198 95.2 75.7 113.5

200 30.3 24.4 36.6



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



#44

2,4,5-Trichlorophenol

Concen: 44.323 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Tgt Ion:196 Resp: 348308

Ion Ratio Lower Upper

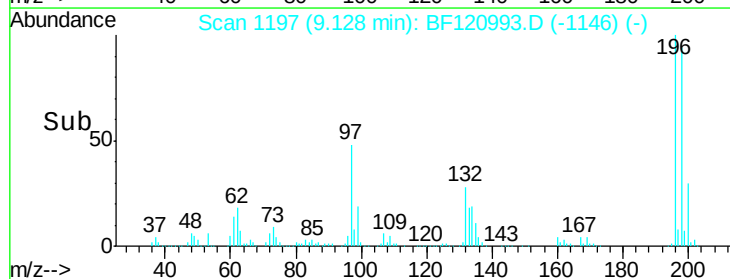
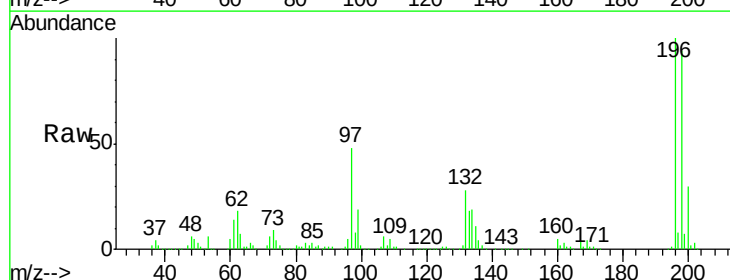
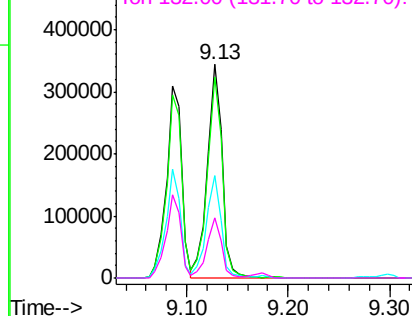
196 100

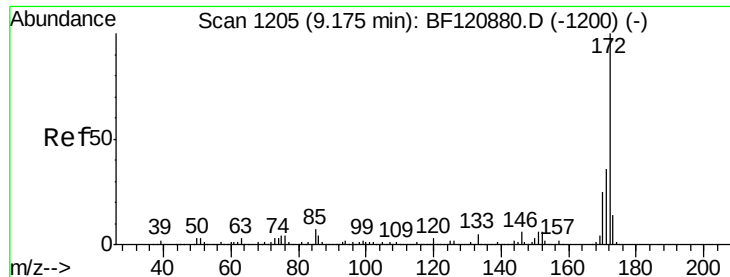
198 94.2 77.6 116.4

97 48.3 35.6 53.4

132 28.4 21.5 32.3

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

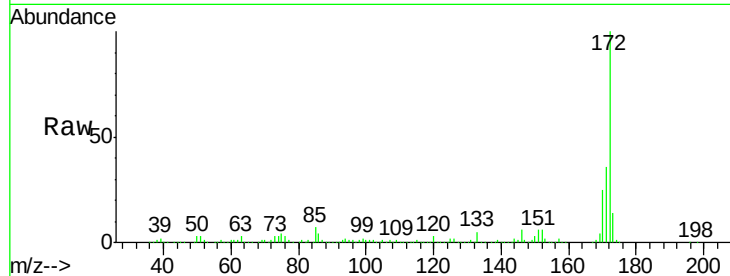




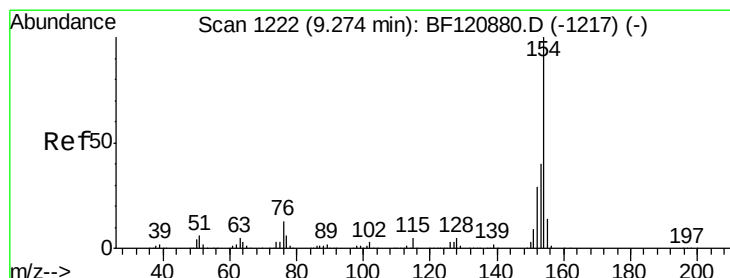
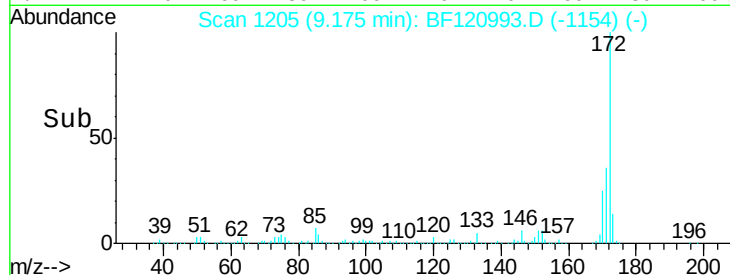
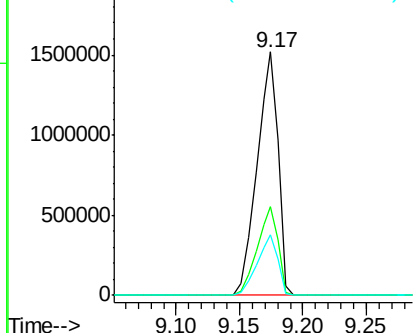
#45
2-Fluorobiphenyl
Concen: 77.943 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1762970
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.7 19.6 29.4

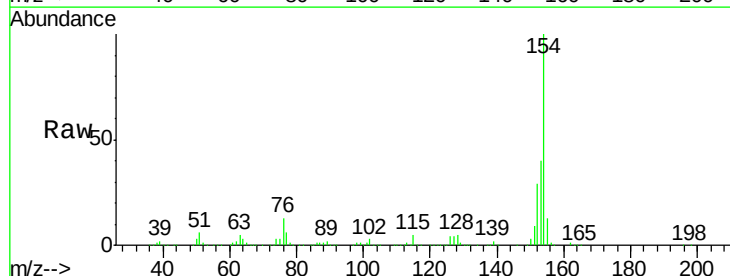


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

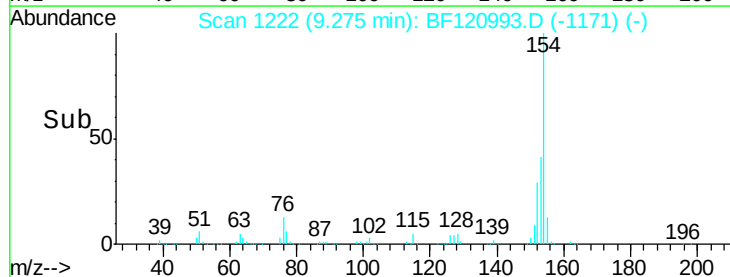
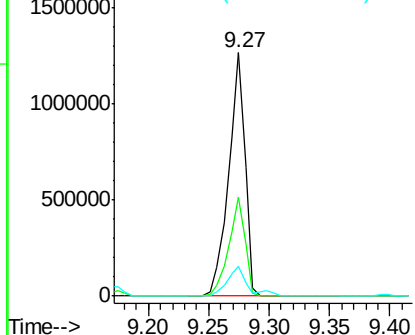


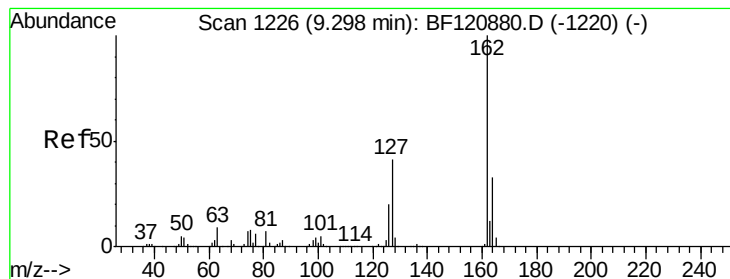
#46
1,1'-Biphenyl
Concen: 46.106 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion:154 Resp: 1187704
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 12.5 0.0 33.1



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





#47

2-Chloronaphthalene

Concen: 43.766 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampled :

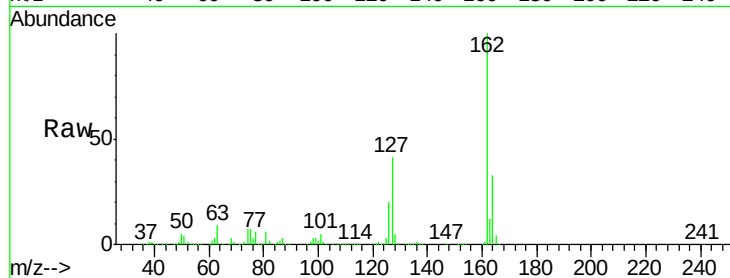
Tot Ion:162 Resp: 919205

Ion Ratio Lower Upper

162 100

127 40.8 33.3 49.9

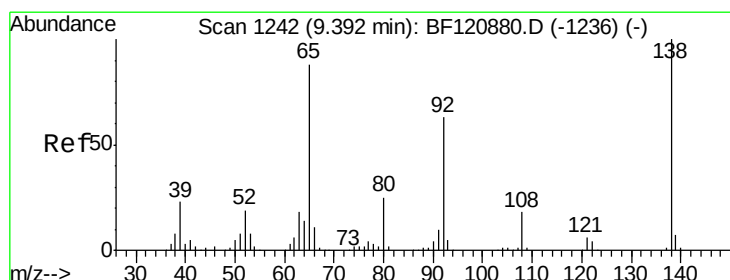
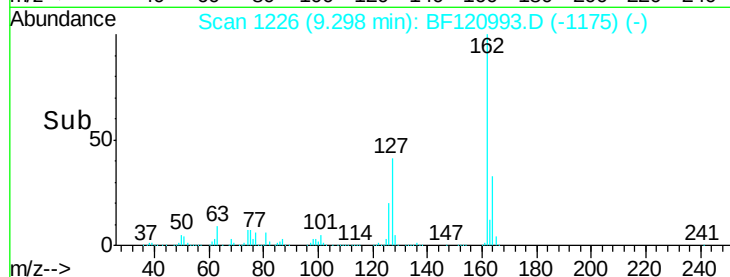
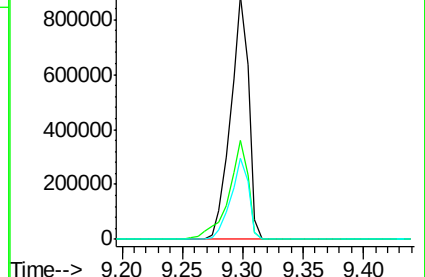
164 33.3 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.467 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

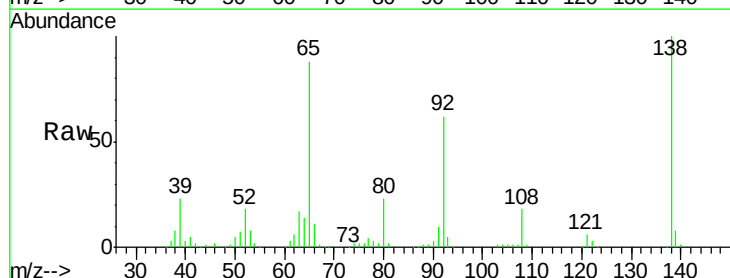
Tgt Ion: 65 Resp: 288580

Ion Ratio Lower Upper

65 100

92 70.6 57.0 85.4

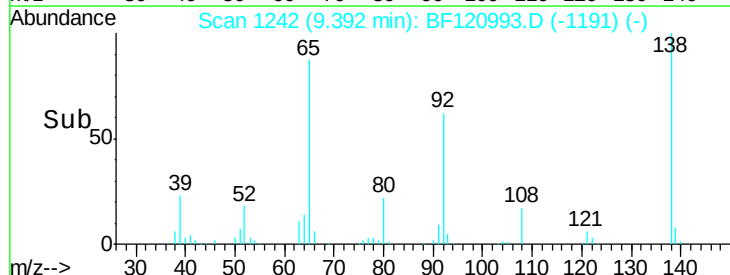
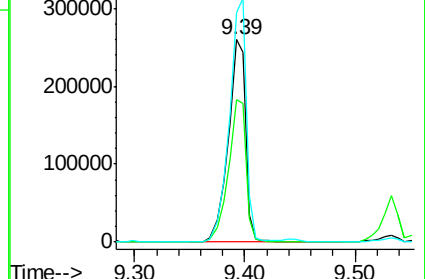
138 113.4 90.4 135.6

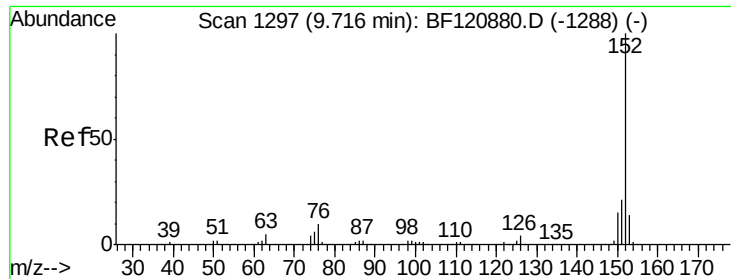


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.857 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

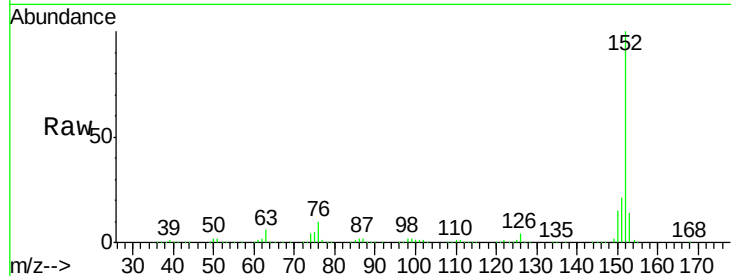
Tot Ion:152 Resp: 1463578

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

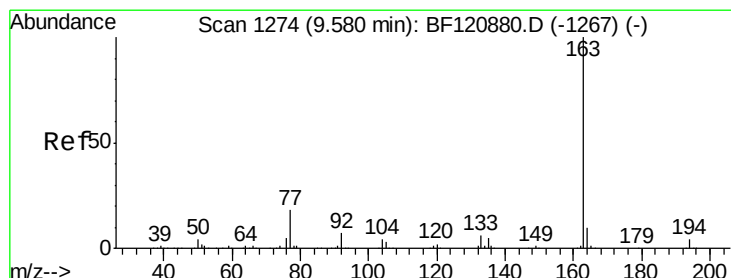
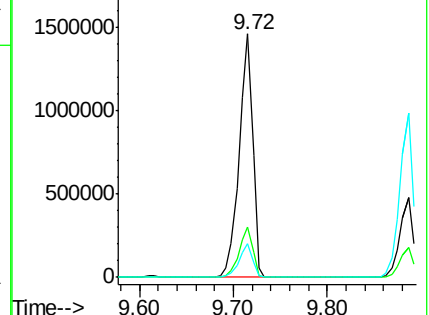
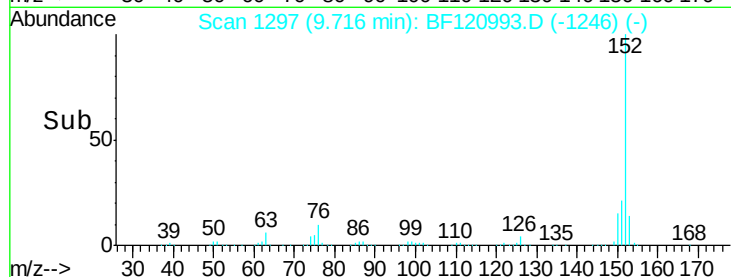
153 13.7 10.9 16.3



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: 58.848 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

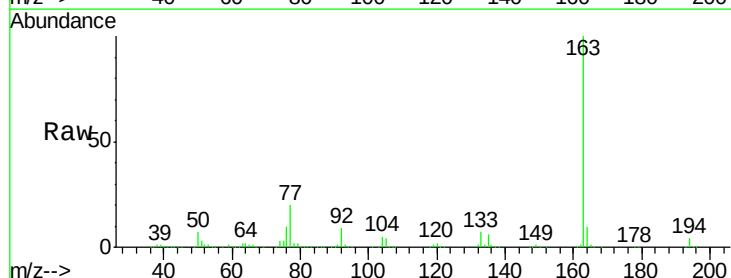
Tgt Ion:163 Resp: 1433735

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

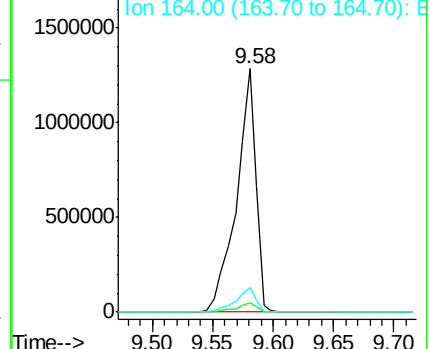
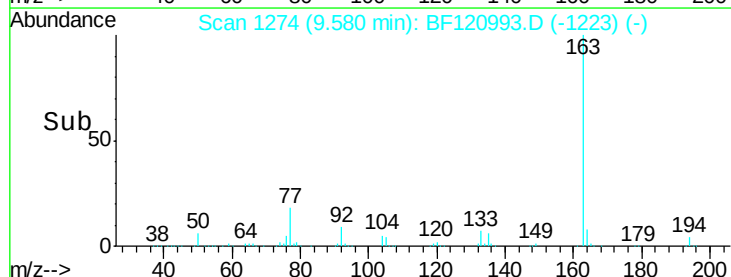
164 10.4 7.9 11.9

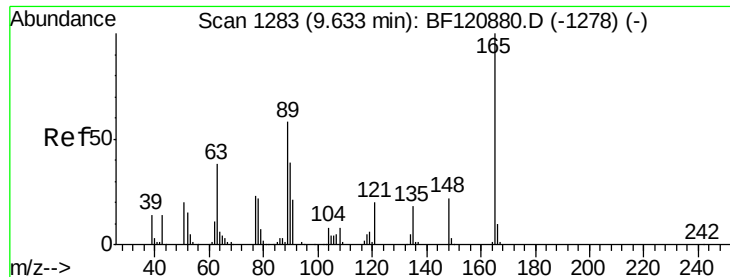


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.065 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

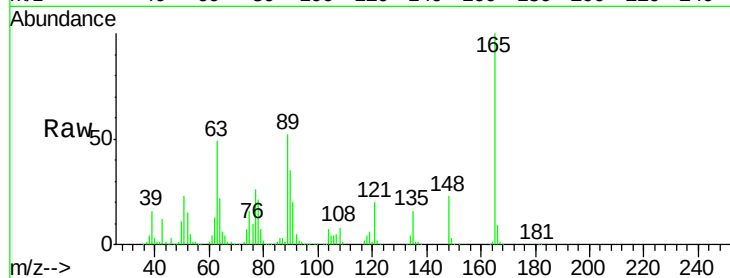
Tot Ion:165 Resp: 251583

Ion Ratio Lower Upper

165 100

63 48.5 45.4 68.2

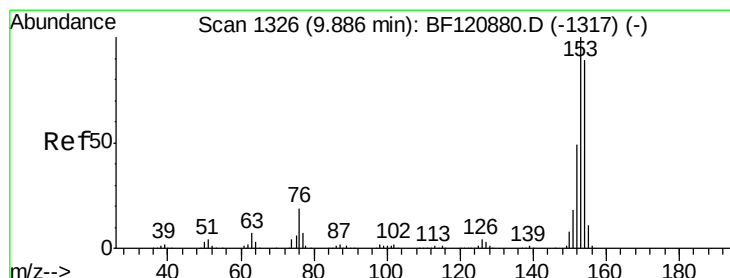
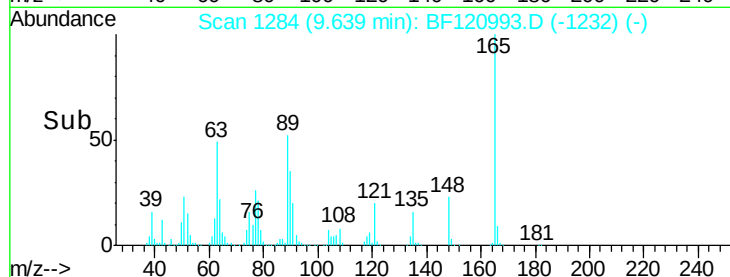
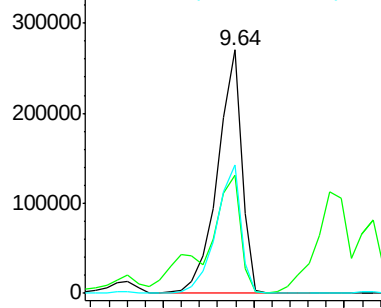
89 52.5 47.0 70.4



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: 41.916 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

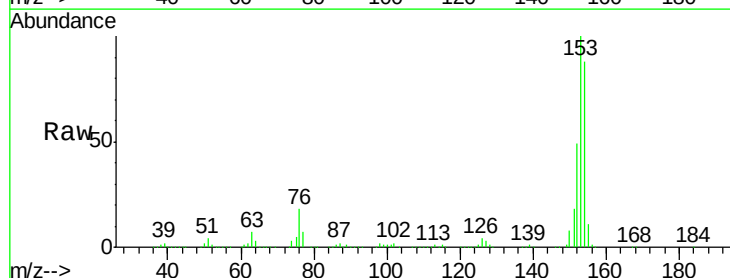
Tgt Ion:154 Resp: 869504

Ion Ratio Lower Upper

154 100

153 113.4 89.5 134.3

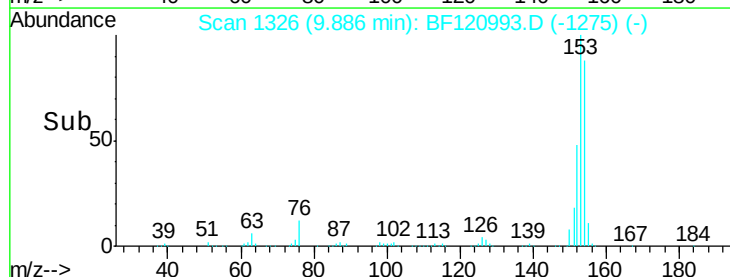
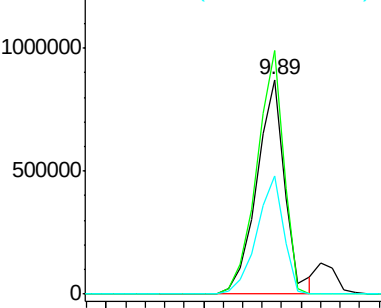
152 55.1 44.2 66.2

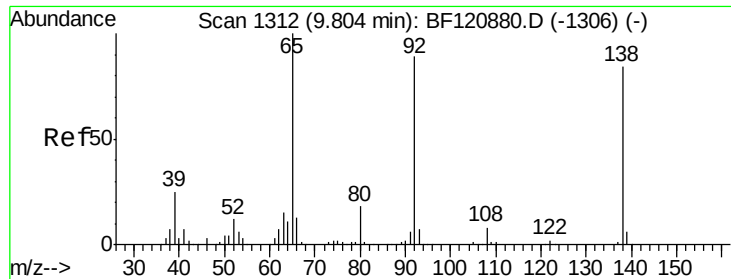


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

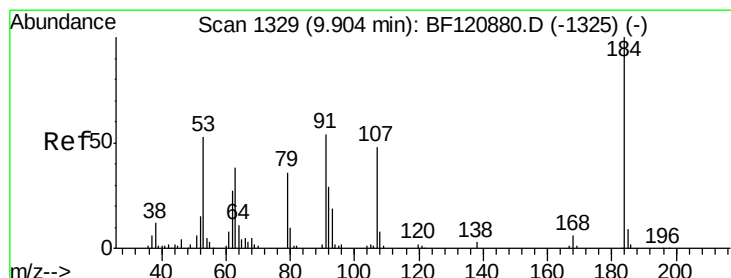
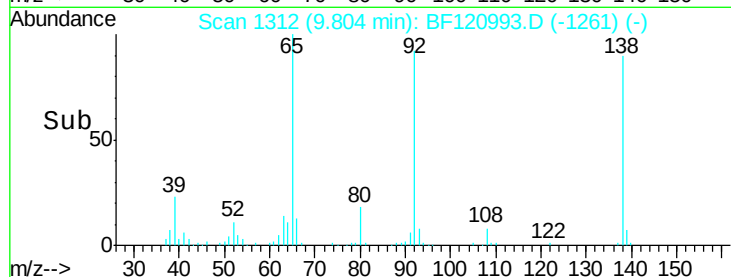
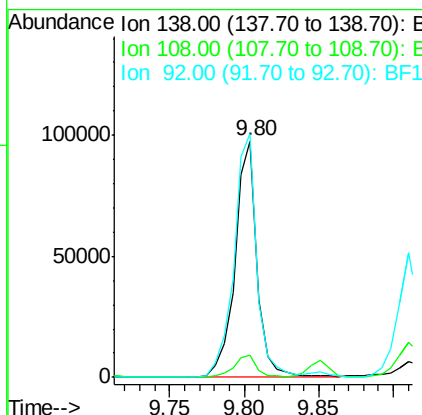
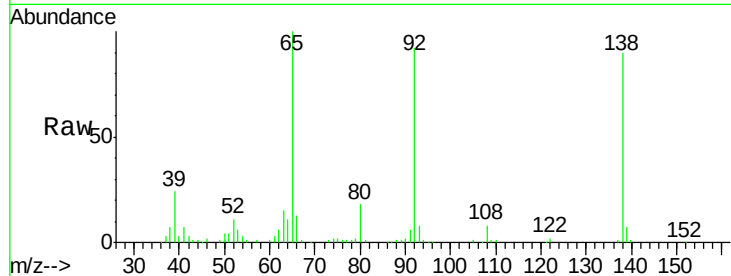




#53
3-Nitroaniline
Concen: 15.317 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

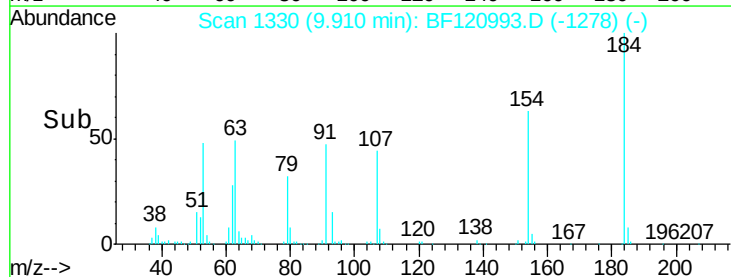
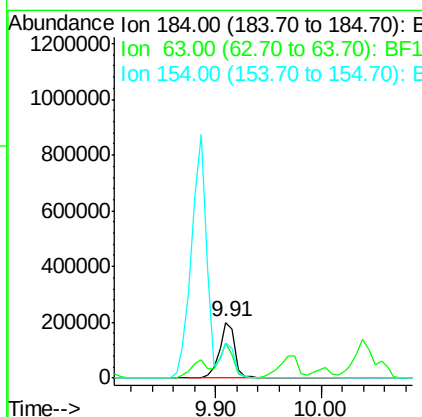
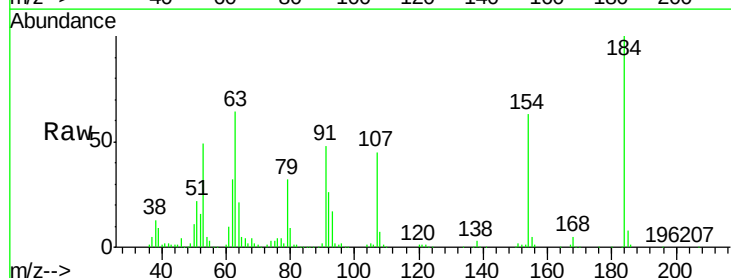
Instrument :
BNA_F
ClientSampled :

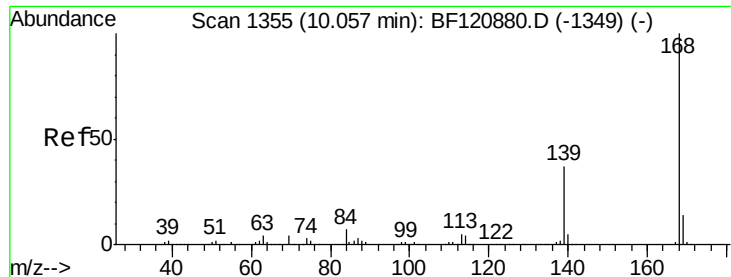
Tot Ion:138 Resp: 100553
Ion Ratio Lower Upper
138 100
108 9.2 7.9 11.9
92 103.0 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 70.235 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion:184 Resp: 208861
Ion Ratio Lower Upper
184 100
63 63.7 57.9 86.9
154 63.2 52.6 78.8

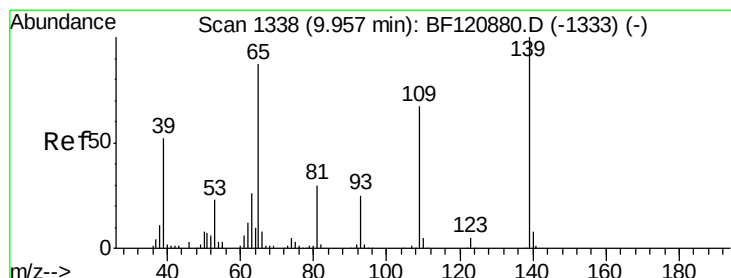
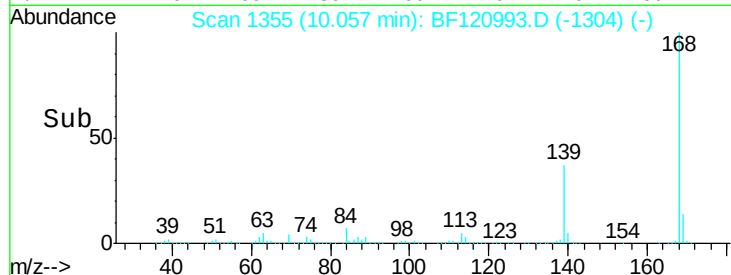
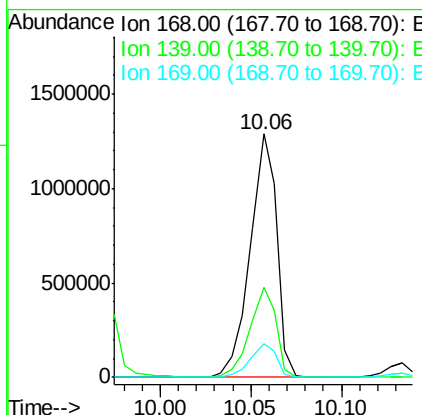
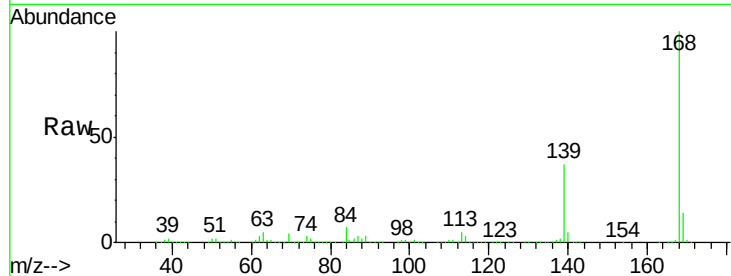




#55
Dibenzenofuran
Concen: 43.714 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

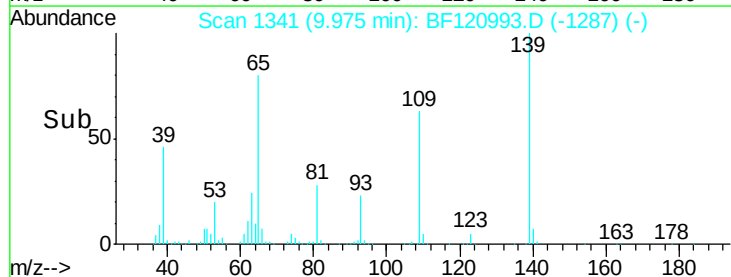
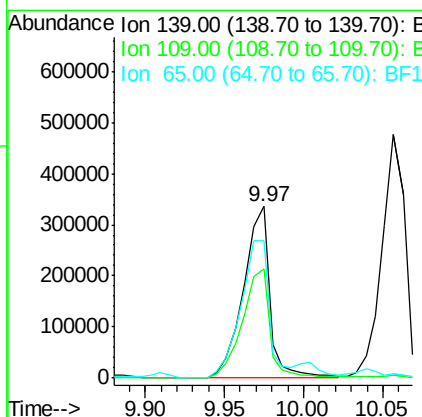
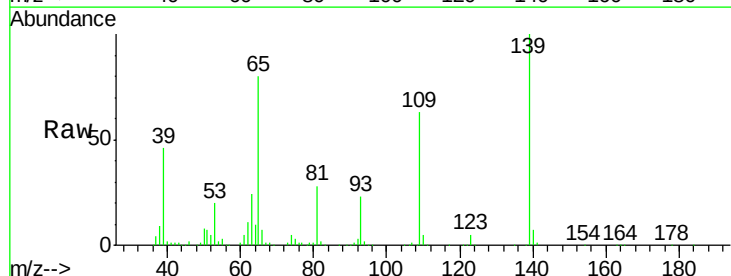
Instrument :
BNA_F
ClientSampleId :

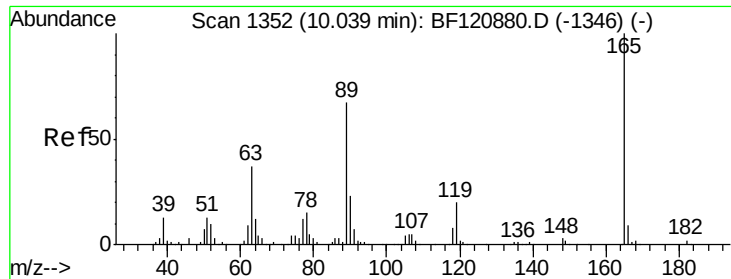
Tot Ion:168 Resp: 1311332
Ion Ratio Lower Upper
168 100
139 36.9 29.7 44.5
169 14.0 11.1 16.7



#56
4-Nitrophenol
Concen: 77.960 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion:139 Resp: 388765
Ion Ratio Lower Upper
139 100
109 63.4 47.3 87.3
65 80.2 67.2 107.2

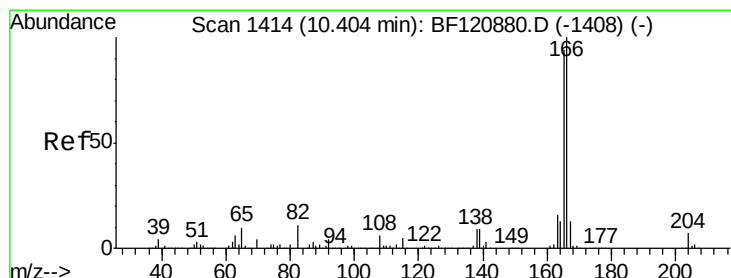
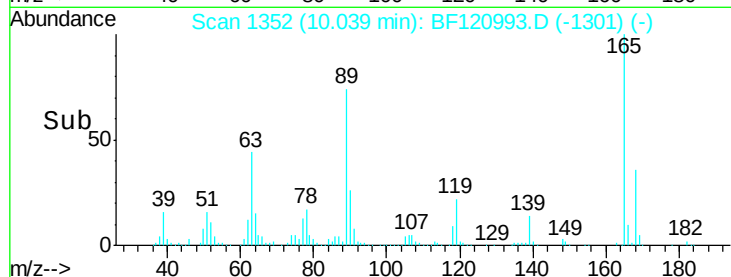
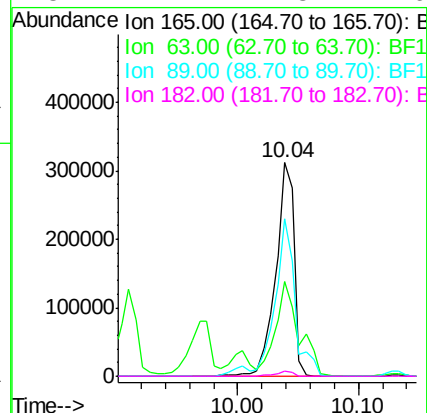
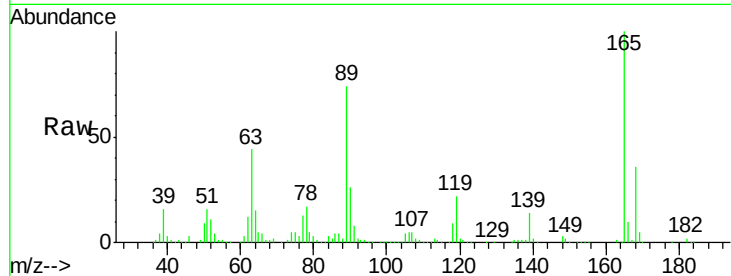




#57
2,4-Dinitrotoluene
Concen: 48.354 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

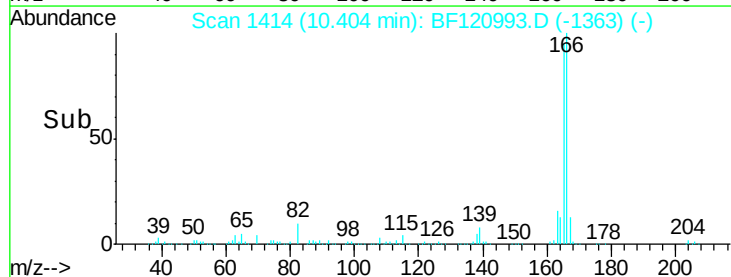
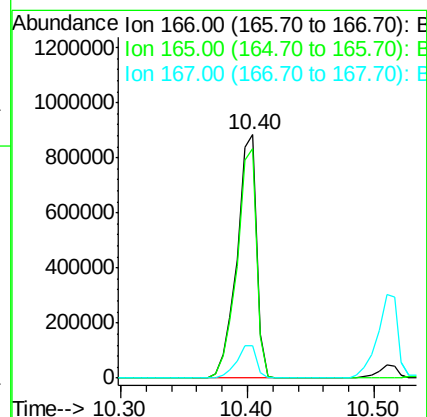
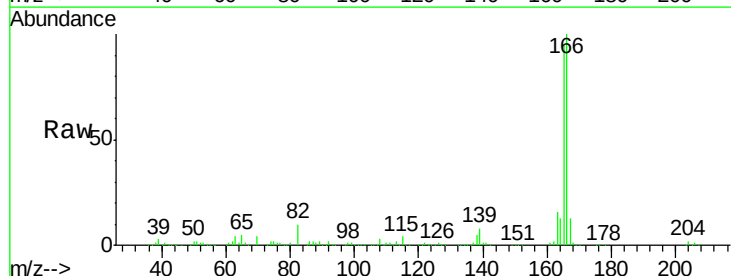
Instrument :
BNA_F
ClientSampled :

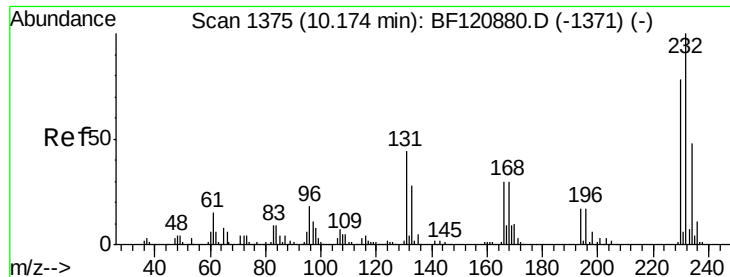
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	29.4	44.2#
89	73.5	53.4	80.0
182	2.4	1.8	2.6



#58
Fluorene
Concen: 41.757 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.4	113.0
167	13.4	10.6	15.8

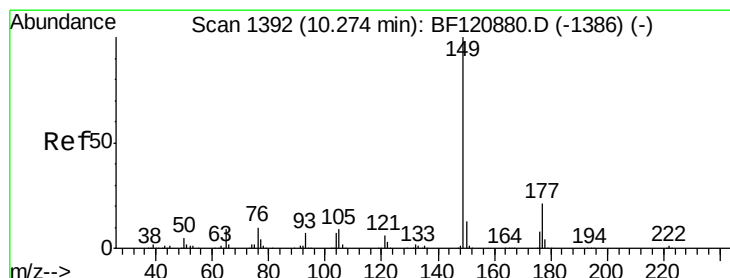
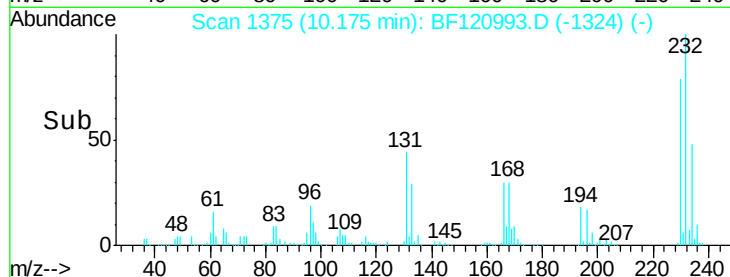
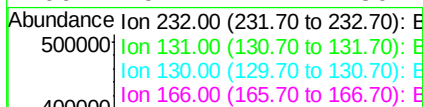
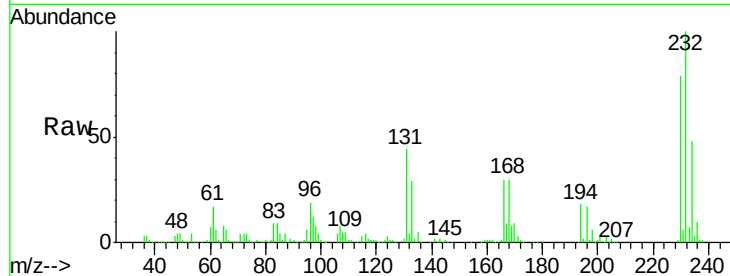




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.734 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

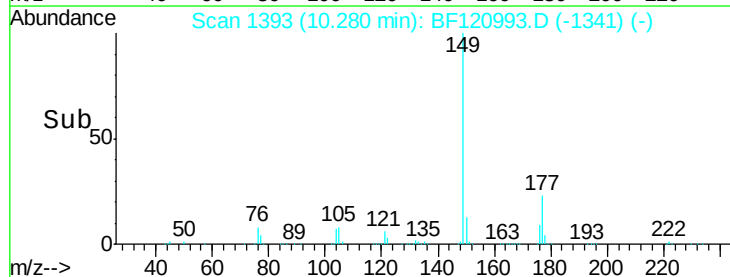
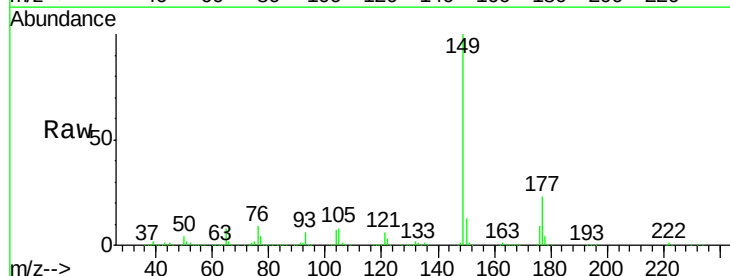
Instrument :
 BNA_F
 ClientSampleId :

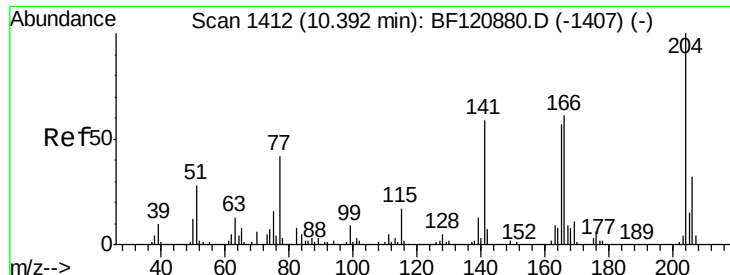
Tot Ion:	232	Resp:	291588
Ion	Ratio	Lower	Upper
232	100		
131	42.9	37.1	55.7
130	2.1	1.7	2.5
166	29.1	24.2	36.4



#60
 Diethylphthalate
 Concen: 45.446 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Tgt Ion:	149	Resp:	1119929
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.1	25.7
150	12.5	10.3	15.5

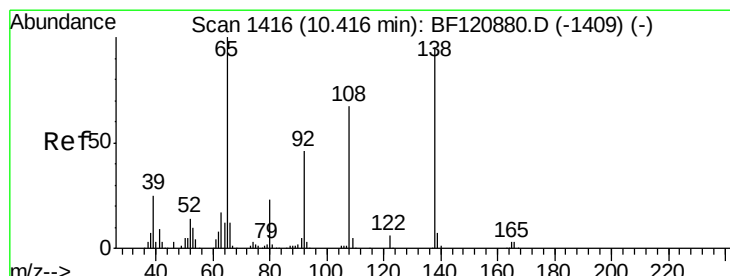
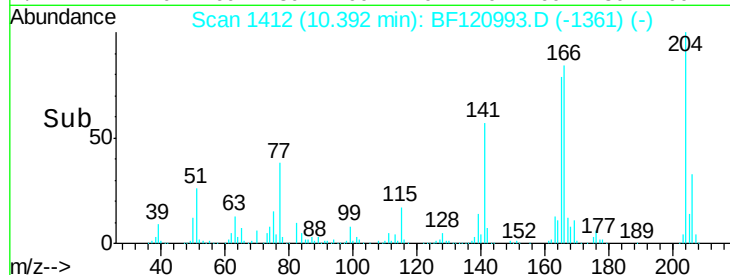
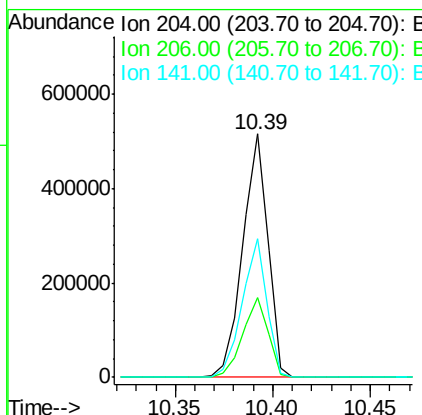
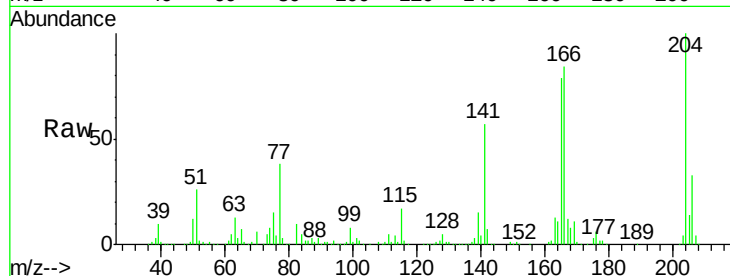




#61
 4-Chlorophenyl-phenylether
 Concen: 38.601 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

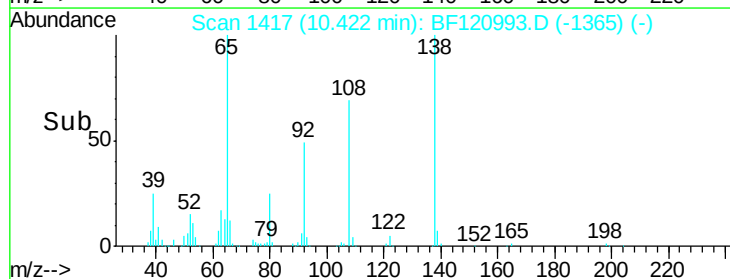
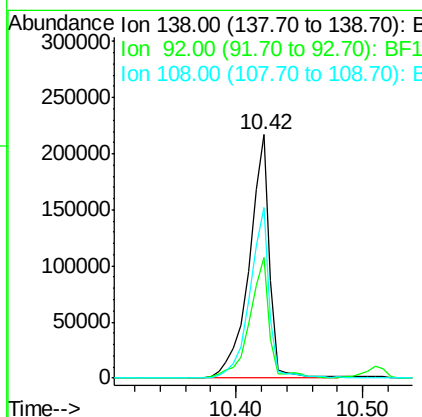
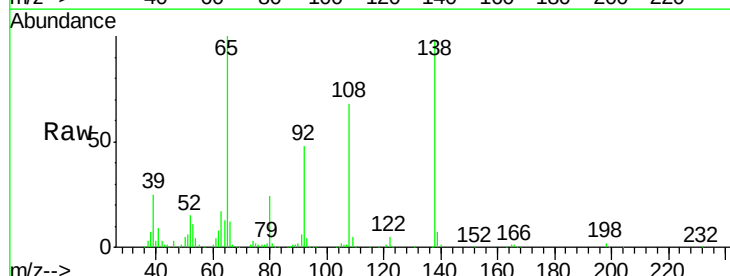
Instrument :
 BNA_F
 ClientSampleId :

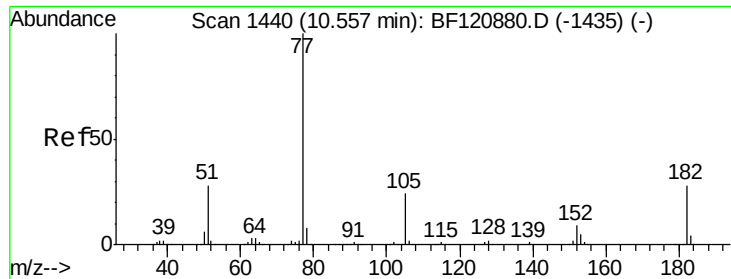
Tot Ion:204 Resp: 460632
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.9 38.9
 141 56.8 47.2 70.8



#62
 4-Nitroaniline
 Concen: 38.122 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Tgt Ion:138 Resp: 243777
 Ion Ratio Lower Upper
 138 100
 92 49.6 28.6 68.6
 108 69.9 51.1 91.1





#63

Azobenzene

Concen: 44.252 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1038173

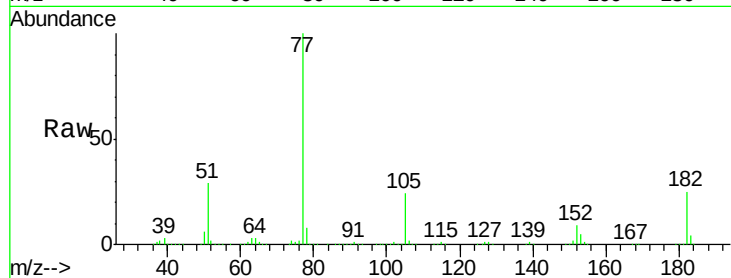
Ion Ratio Lower Upper

77 100

182 24.8 7.8 47.8

105 23.5 4.4 44.4

51 28.9 8.0 48.0

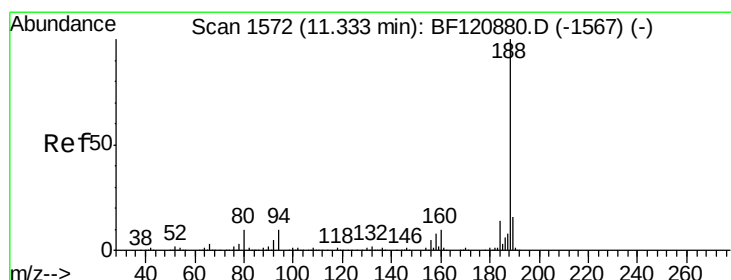
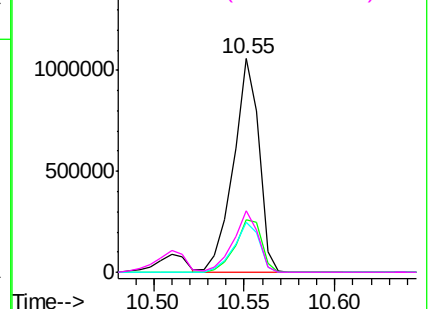
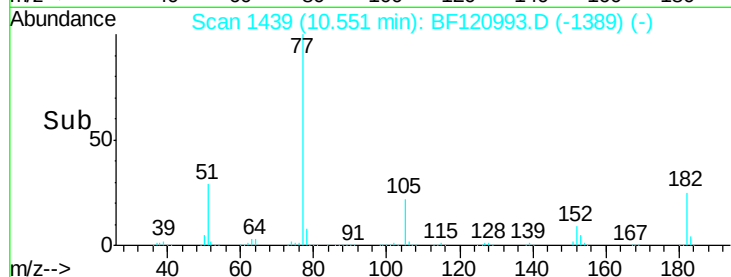


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

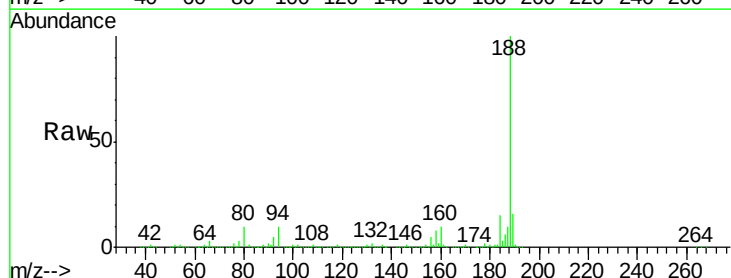
Tgt Ion: 188 Resp: 641263

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

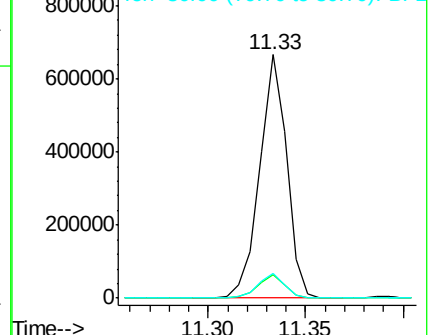
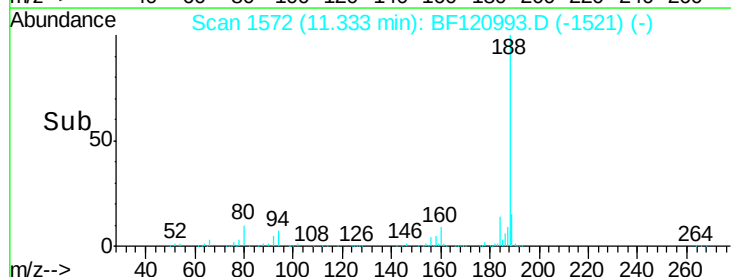
80 10.3 8.3 12.5

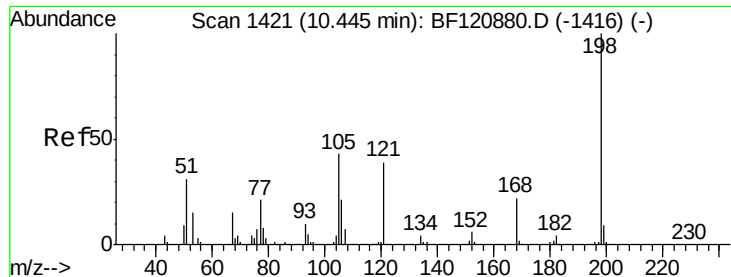


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 41.764 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

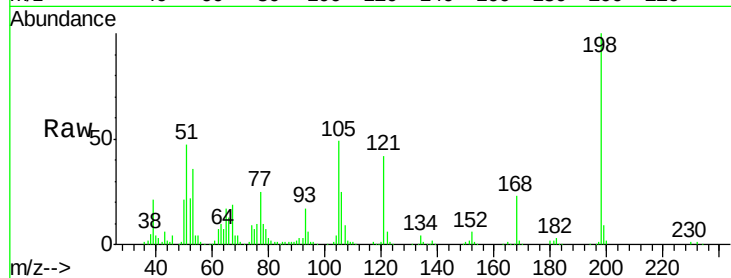
Tot Ion:198 Resp: 152989

Ion Ratio Lower Upper

198 100

51 47.1 19.5 59.5

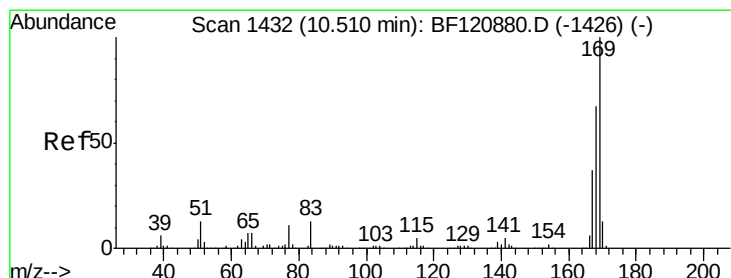
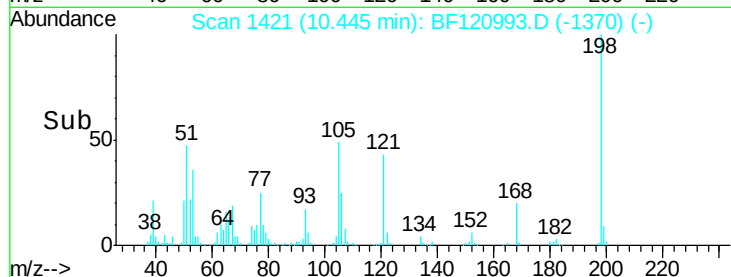
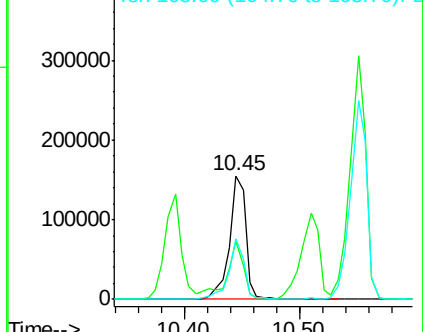
105 48.6 24.4 64.4



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: 46.144 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

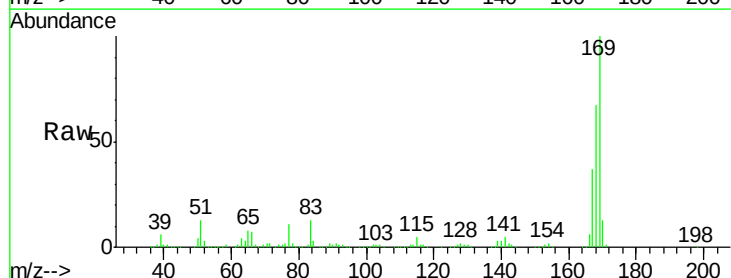
Tgt Ion:169 Resp: 930852

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

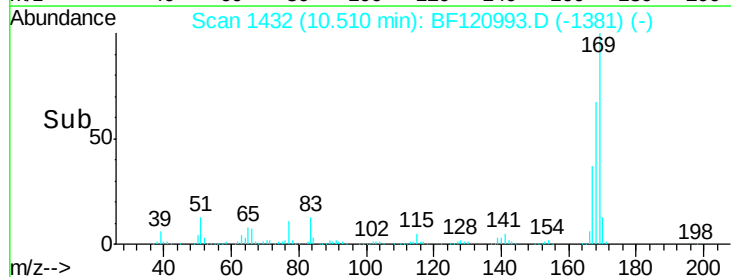
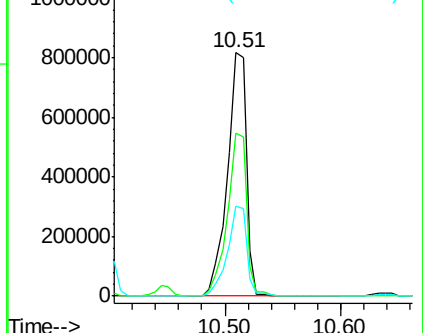
167 37.2 29.4 44.0

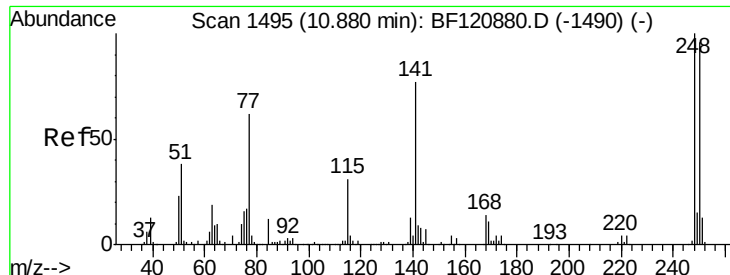


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

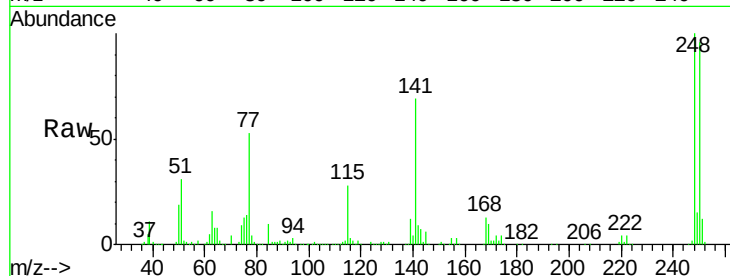




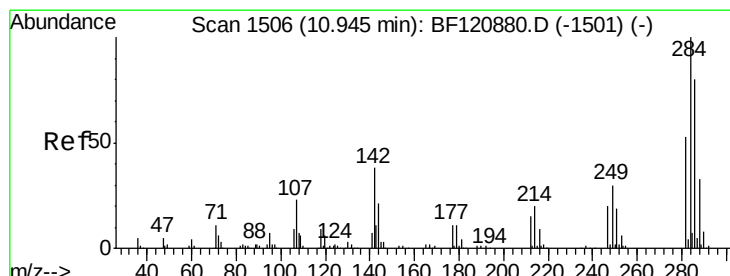
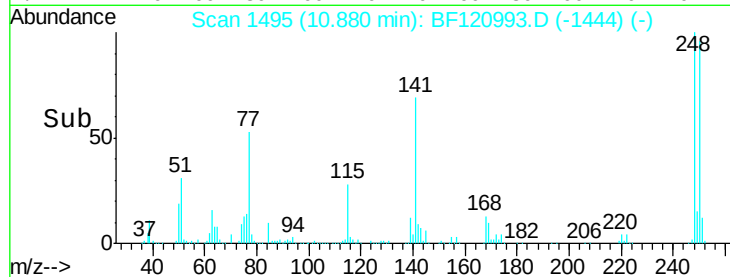
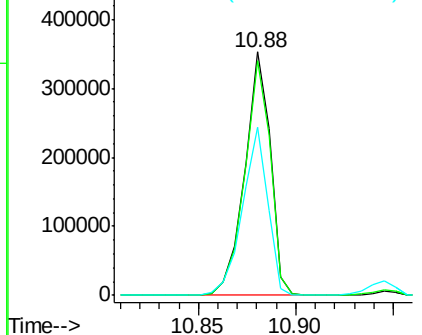
#67
 4-Bromophenyl-phenylether
 Concen: 44.893 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 320967
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.1 115.7
 141 69.0 61.2 91.8

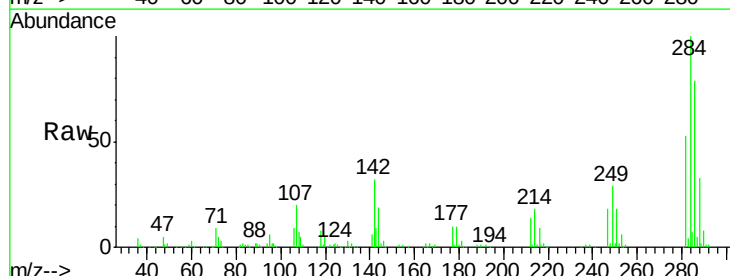


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

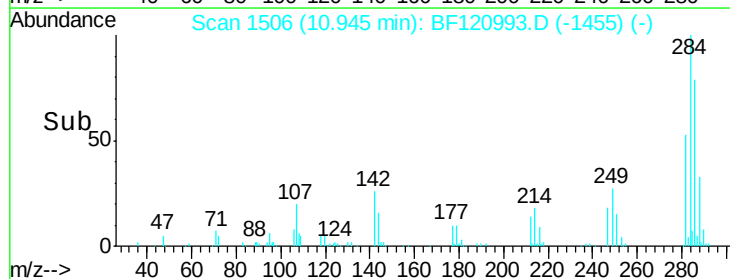
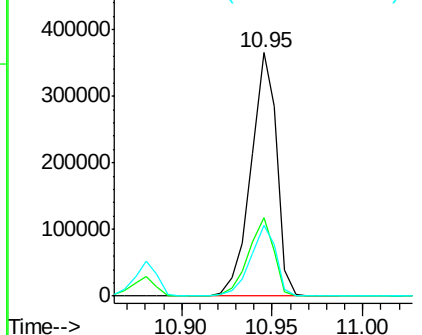


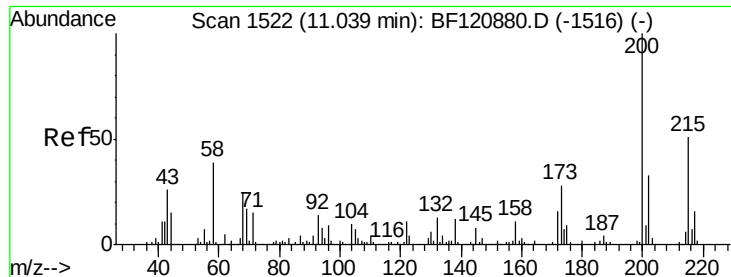
#68
 Hexachlorobenzene
 Concen: 46.404 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Tgt Ion:284 Resp: 358886
 Ion Ratio Lower Upper
 284 100
 142 32.1 30.2 45.2
 249 29.3 24.2 36.2



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: 54.422 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

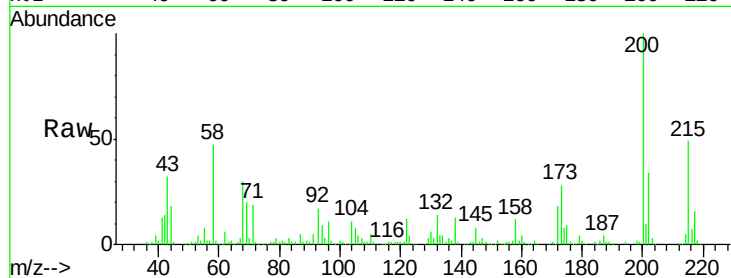
Tot Ion:200 Resp: 271889

Ion Ratio Lower Upper

200 100

173 28.3 8.0 48.0

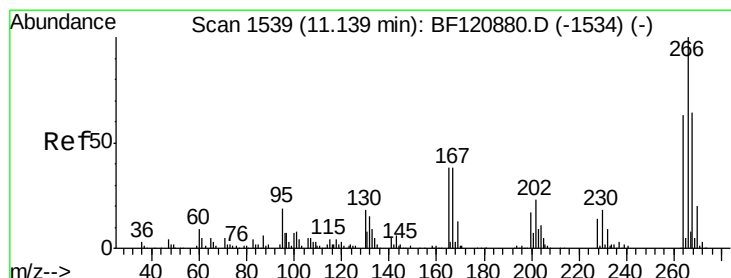
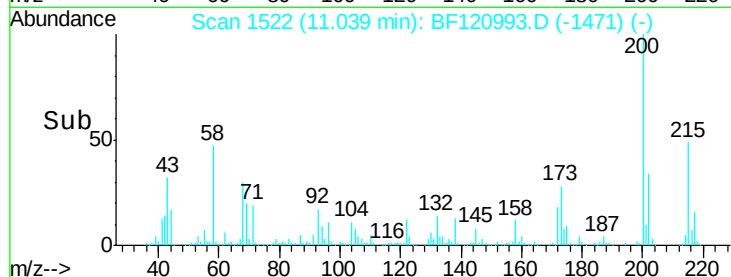
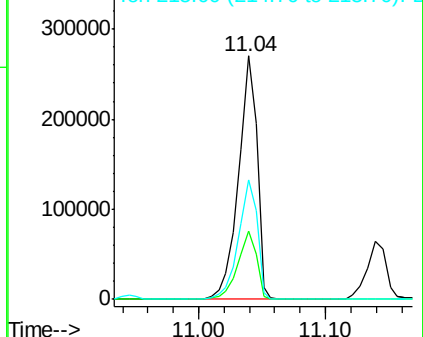
215 49.0 31.5 71.5



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: 94.147 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

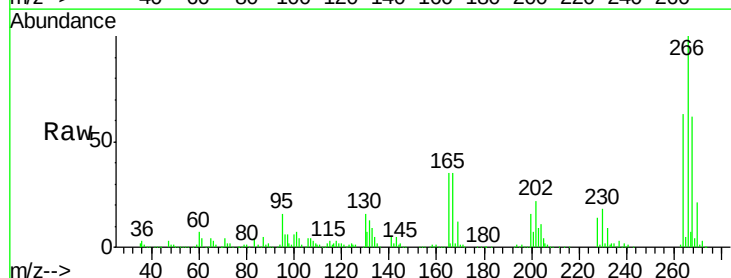
Tgt Ion:266 Resp: 417134

Ion Ratio Lower Upper

266 100

268 62.3 51.1 76.7

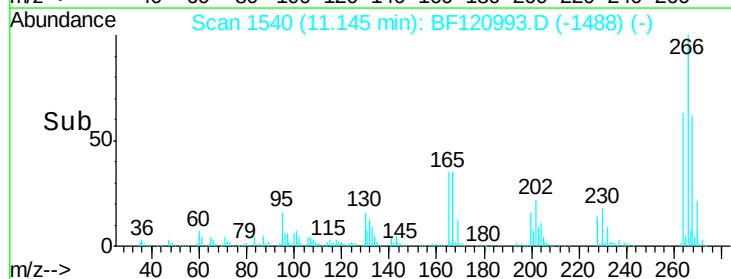
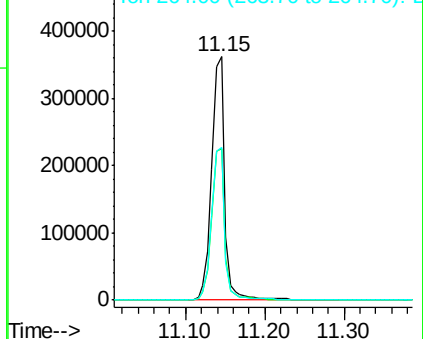
264 62.6 50.2 75.2

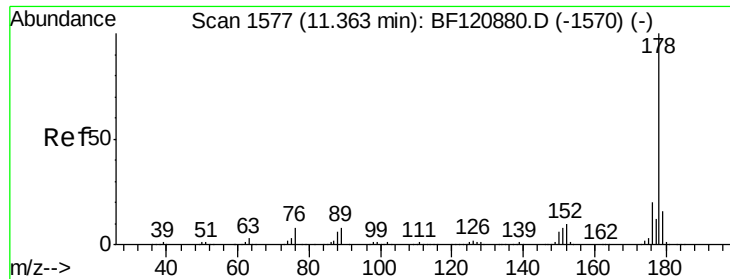


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.532 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

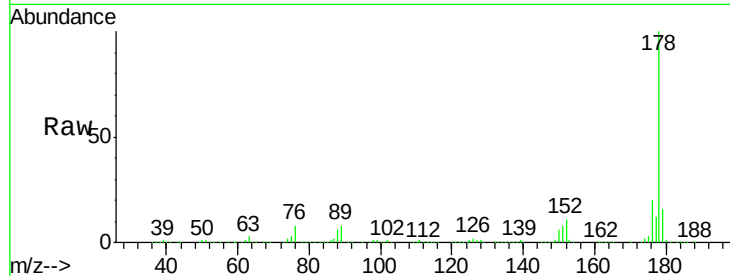
Tot Ion:178 Resp: 1435688

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

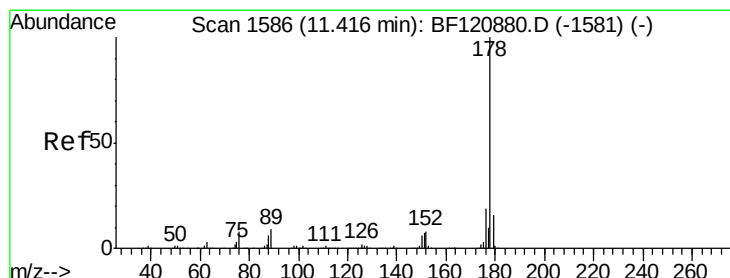
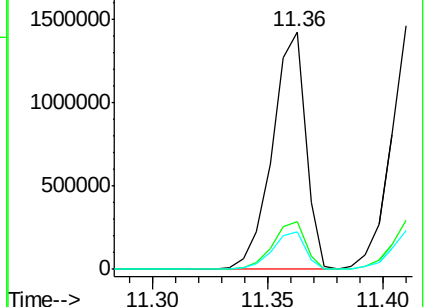
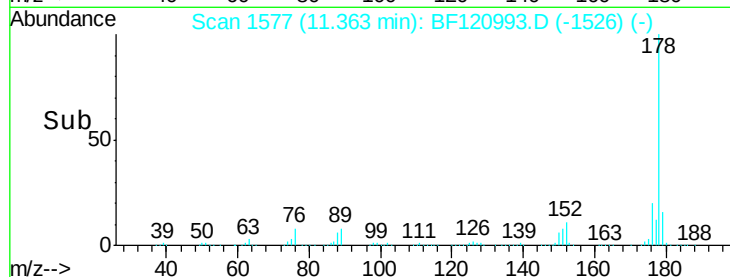
179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.449 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

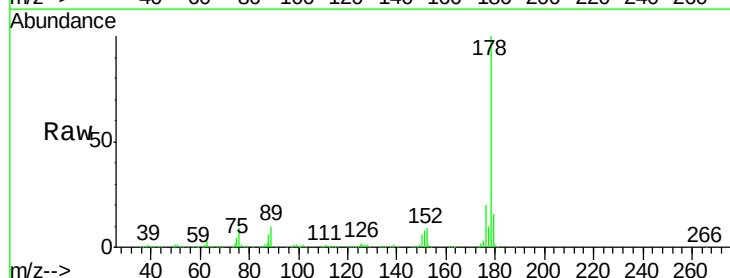
Tgt Ion:178 Resp: 1505139

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

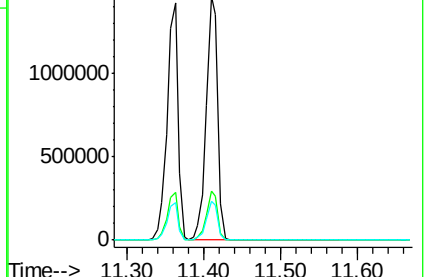
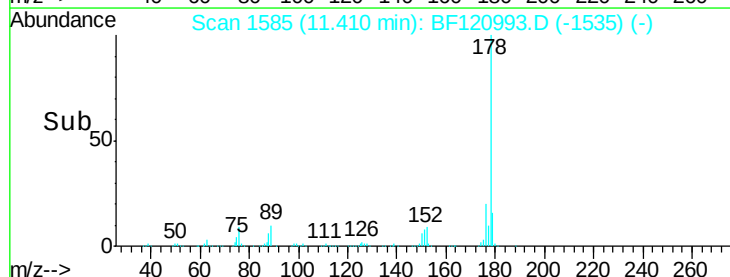
179 16.0 12.8 19.2

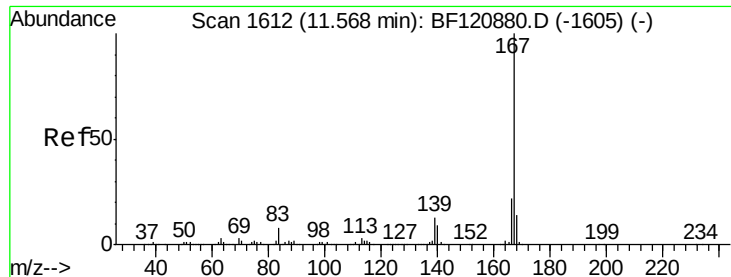


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.041 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

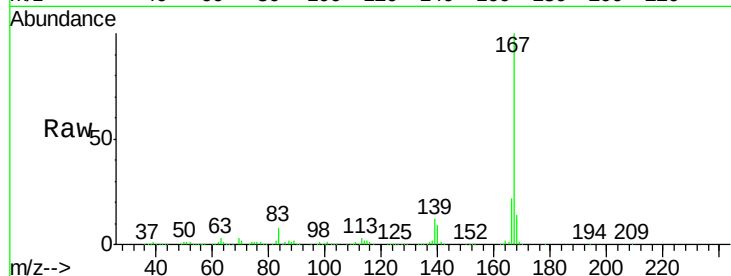
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1414557

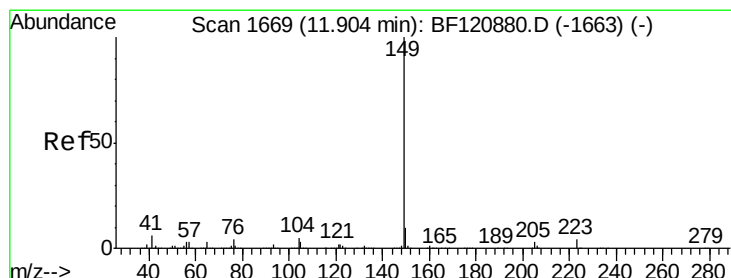
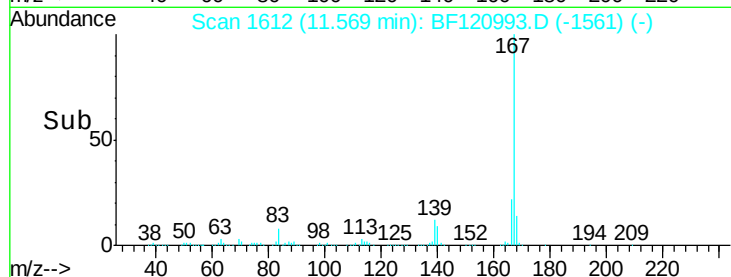
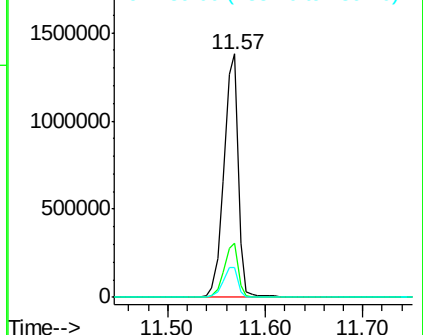
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	12.5	10.1	15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.922 ng

RT: 11.90 min Scan# 1668

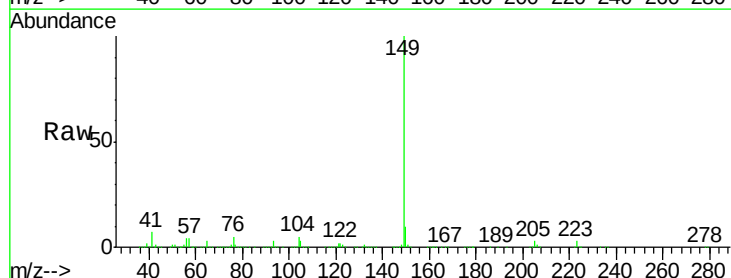
Delta R.T. -0.01 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Tgt Ion:149 Resp: 1741694

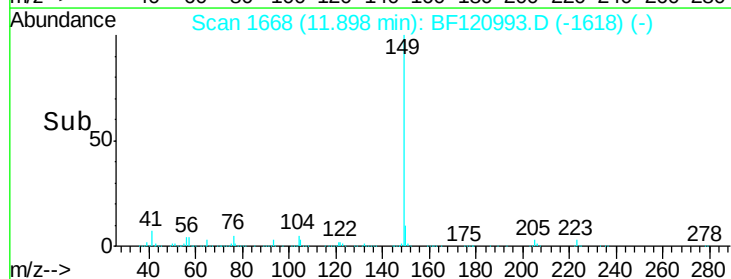
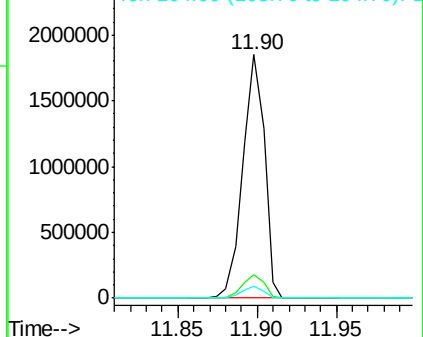
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.9	3.8	5.6

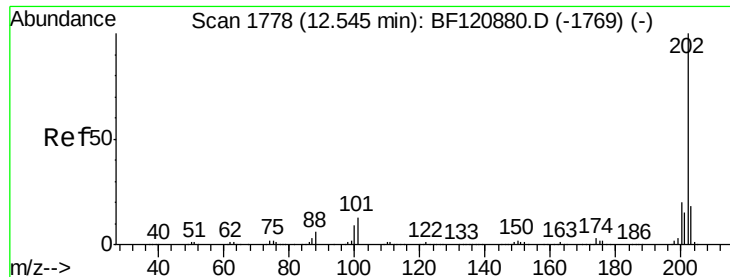


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

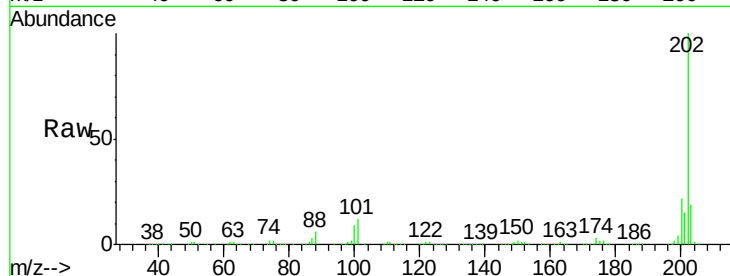




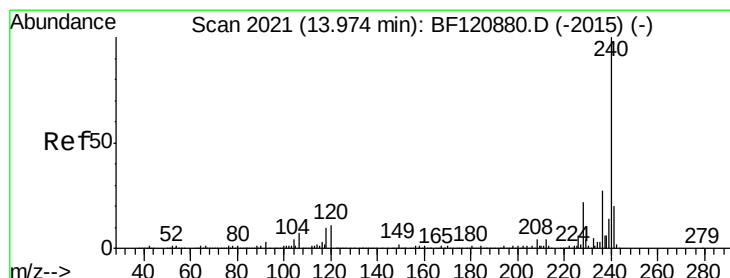
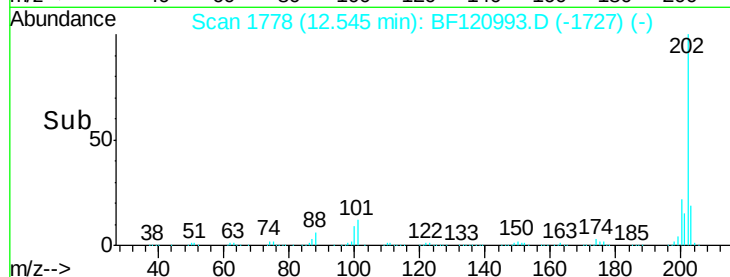
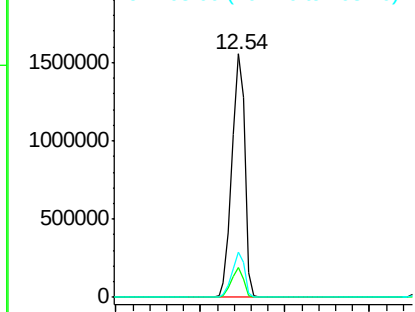
#75
 Fluoranthene
 Concen: 44.341 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1620936
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 32.7
 203 18.6 0.0 38.0

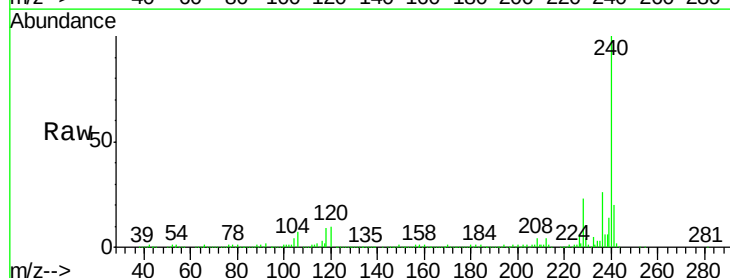


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

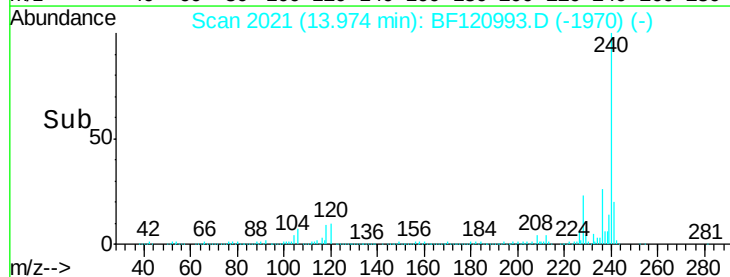
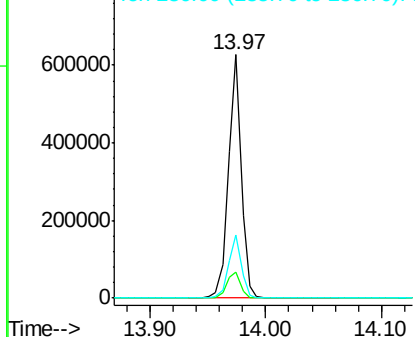


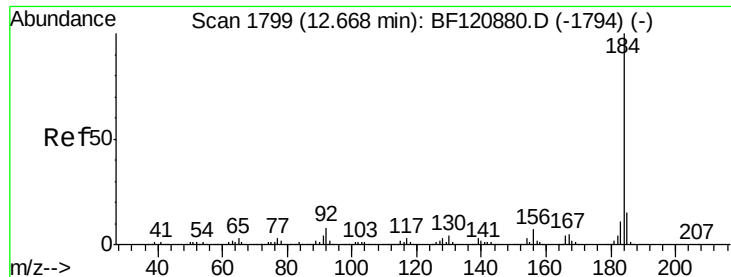
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Tgt Ion:240 Resp: 482222
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.0 13.4
 236 26.0 21.7 32.5



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: 23.919 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

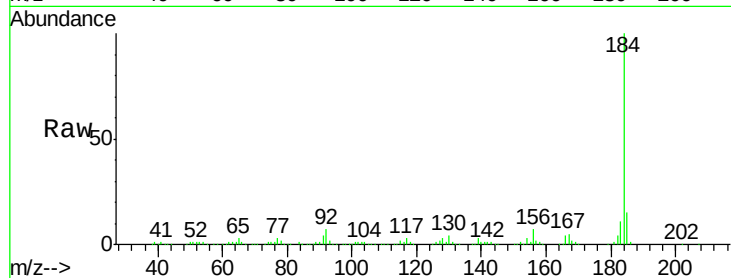
Tot Ion:184 Resp: 303251

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	10.6	8.5	12.7

184 100

185 14.7 12.2 18.2

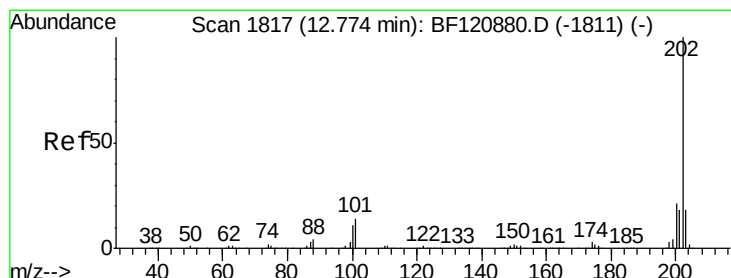
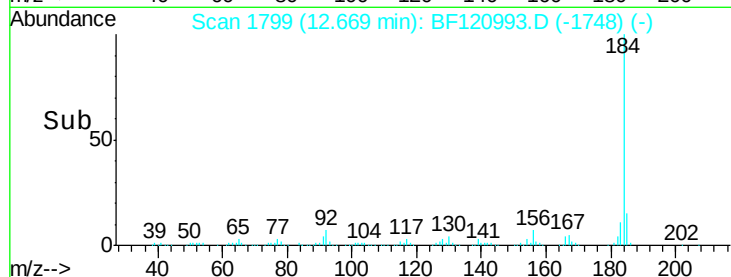
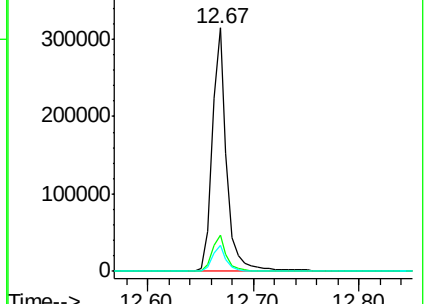
183 10.6 8.5 12.7



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: 47.689 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

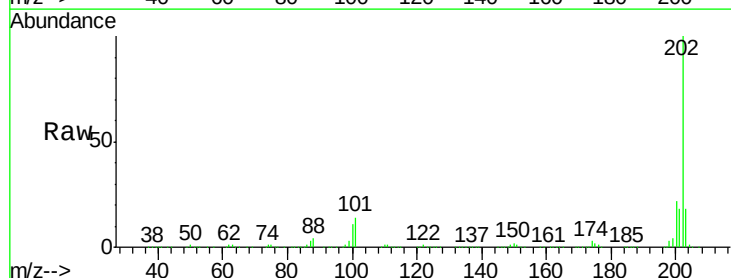
Tgt Ion:202 Resp: 1625859

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.0	25.4
203	18.4	14.4	21.6

202 100

200 22.1 17.0 25.4

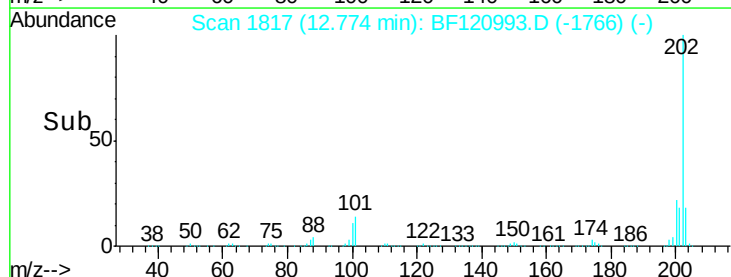
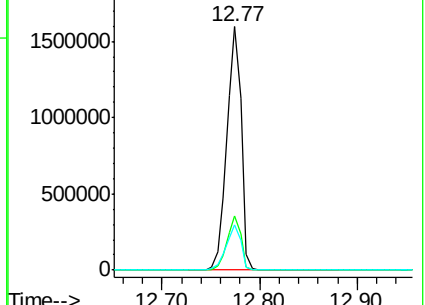
203 18.4 14.4 21.6

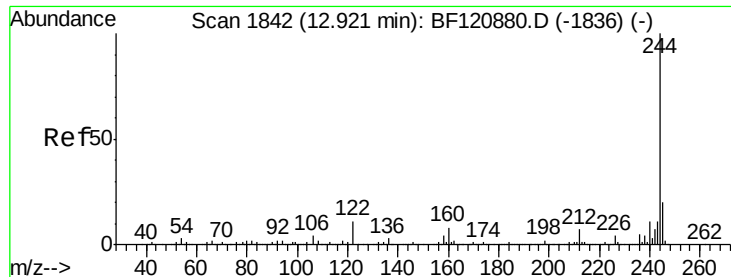


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

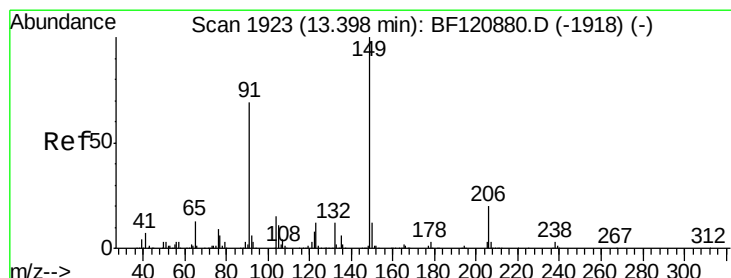
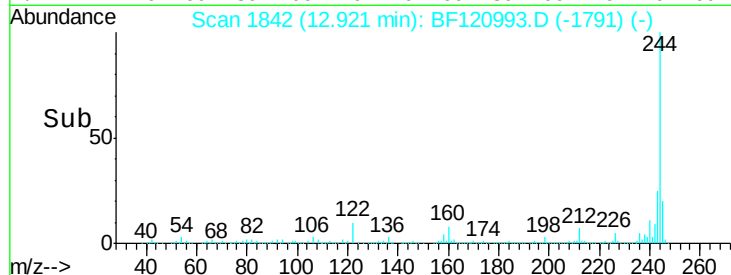
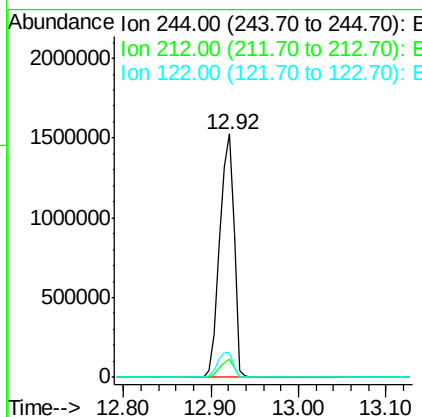
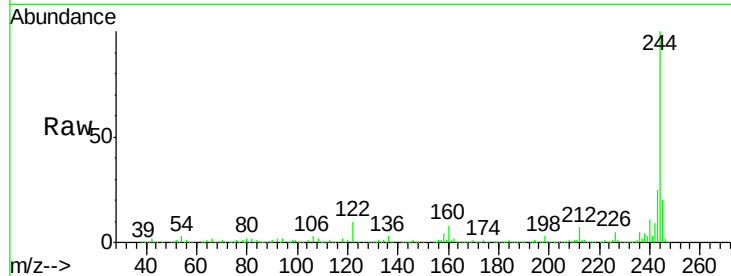




#79
Terphenyl-d14
Concen: 79.320 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

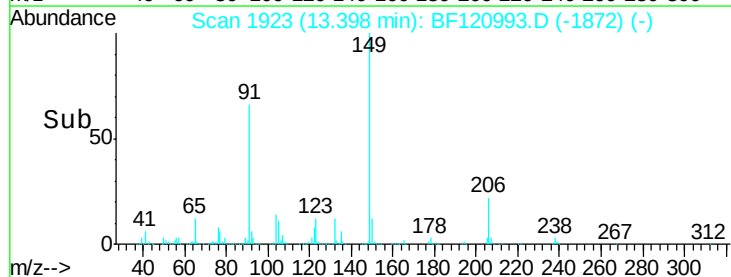
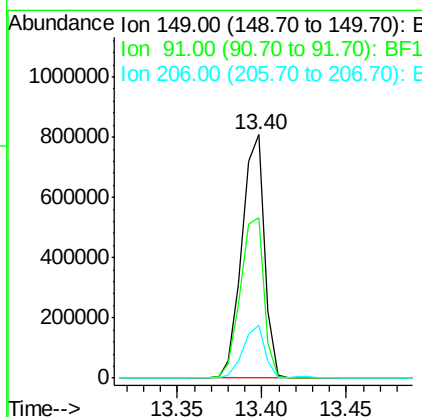
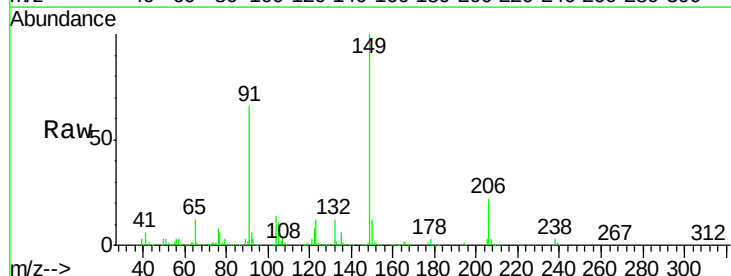
Instrument :
BNA_F
ClientSampleId :

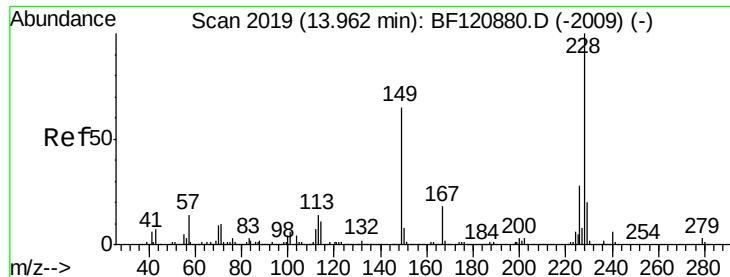
Tot Ion:244 Resp: 1759598
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 10.3 8.9 13.3



#80
Butylbenzylphthalate
Concen: 49.840 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion:149 Resp: 757483
Ion Ratio Lower Upper
149 100
91 65.9 55.1 82.7
206 22.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 42.674 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

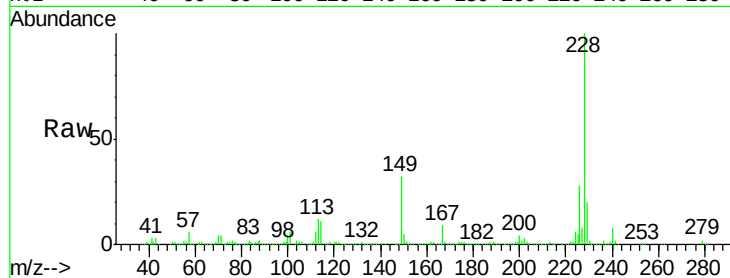
Tot Ion:228 Resp: 1246133

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

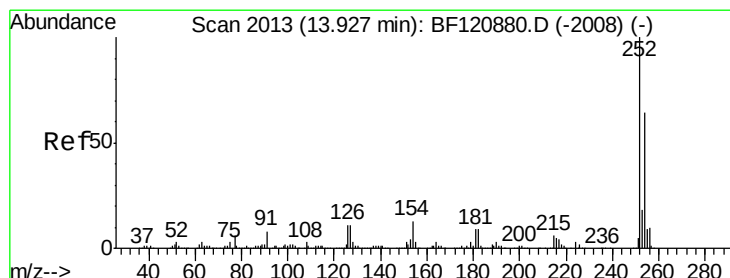
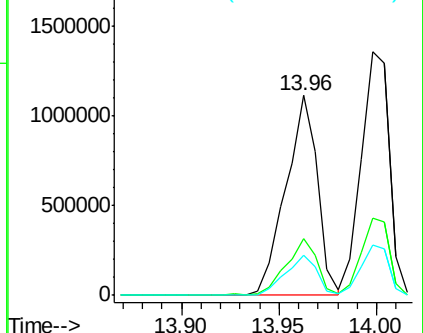
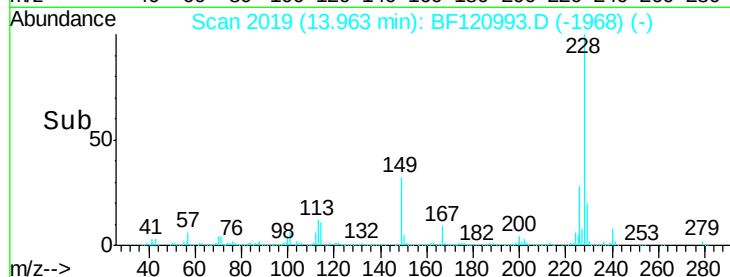
229 20.2 16.1 24.1



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: 31.140 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

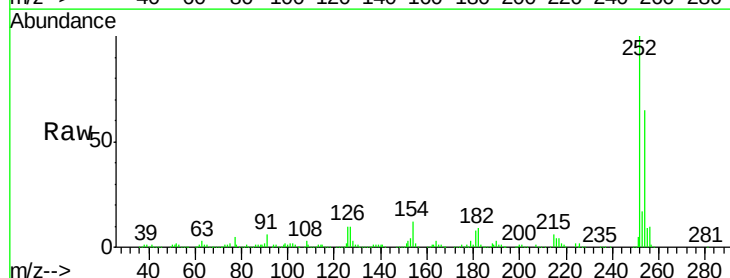
Tgt Ion:252 Resp: 343065

Ion Ratio Lower Upper

252 100

254 65.0 51.2 76.8

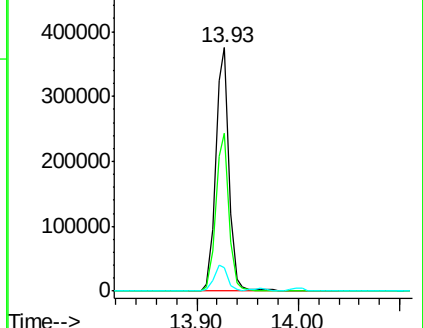
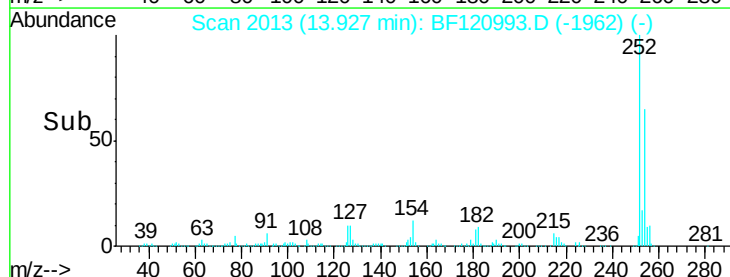
126 9.9 8.7 13.1

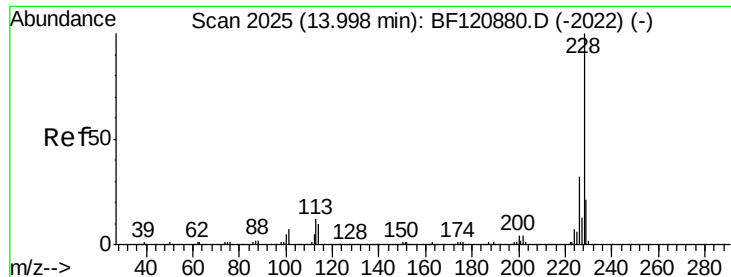


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.555 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

Instrument :

BNA_F

ClientSampleId :

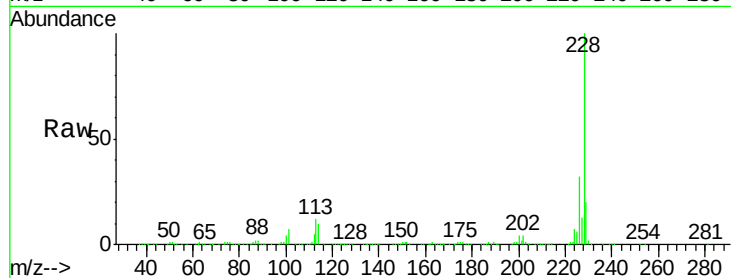
Tot Ion:228 Resp: 1367253

Ion Ratio Lower Upper

228 100

226 31.5 25.6 38.4

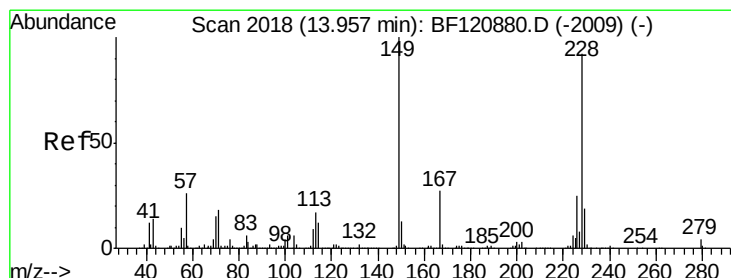
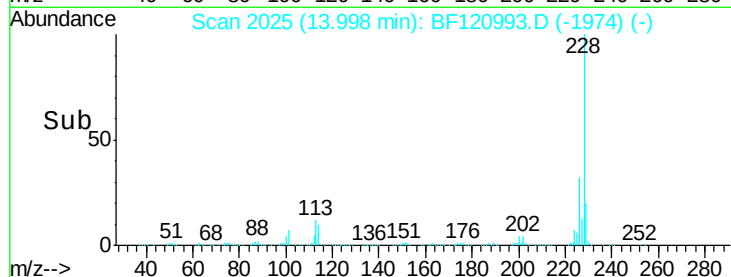
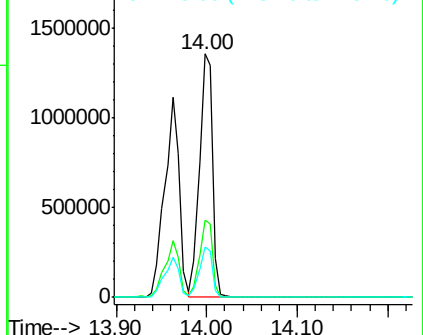
229 20.5 16.8 25.2



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: 48.244 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120993.D

Acq: 23 Jul 2020 21:26

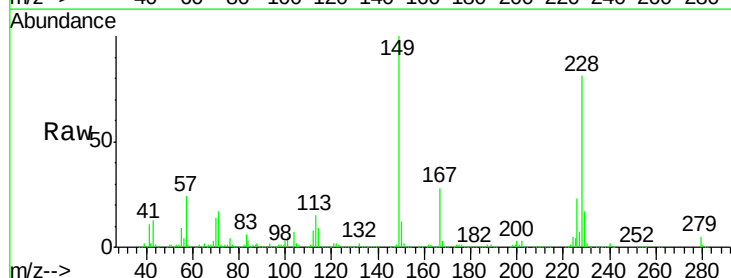
Tgt Ion:149 Resp: 904148

Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

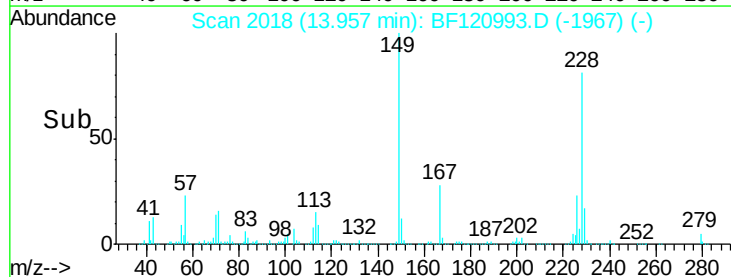
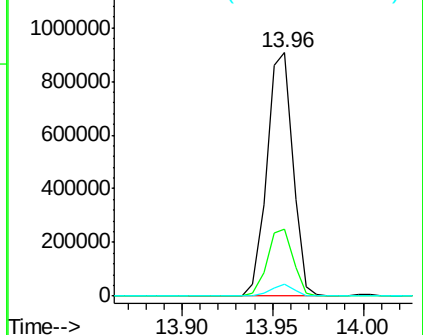
279 4.7 3.0 4.4

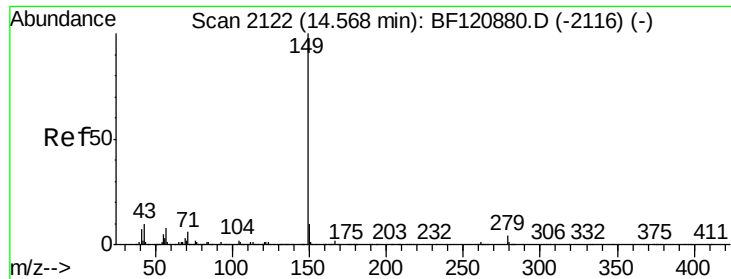


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

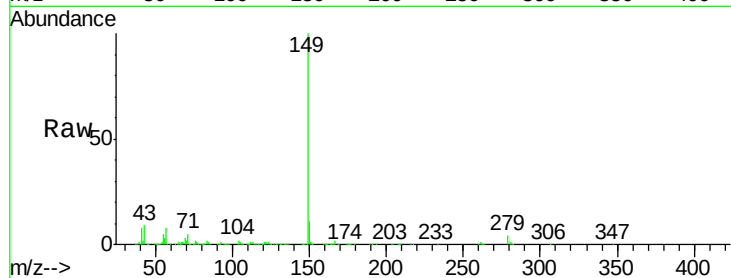




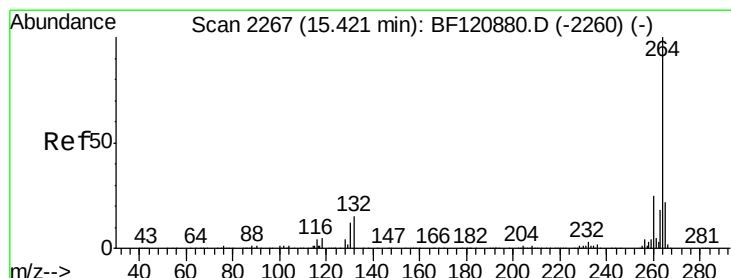
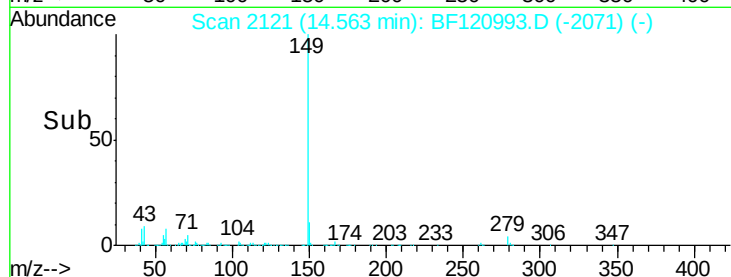
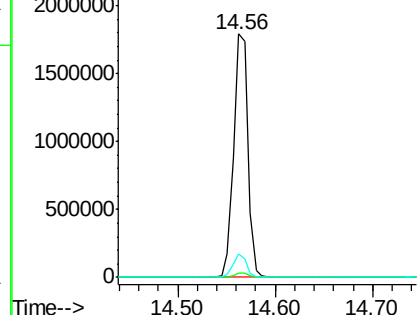
#85
Di-n-octyl phthalate
Concen: 48.943 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1824896
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.6 11.4

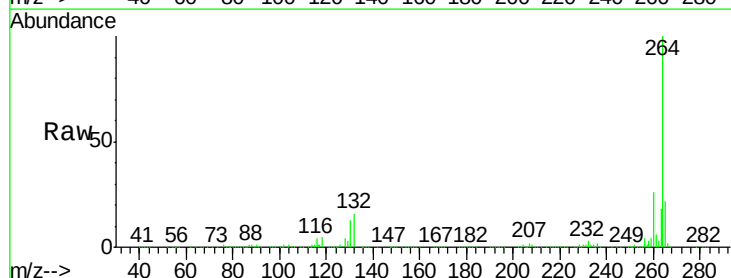


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

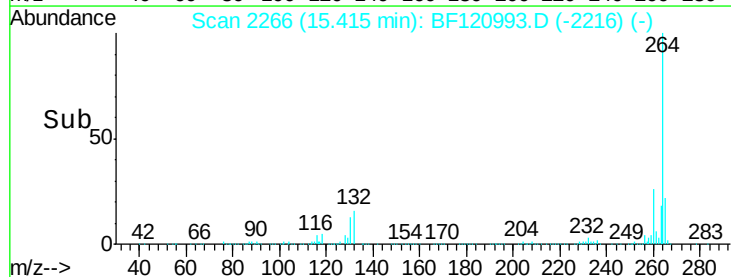
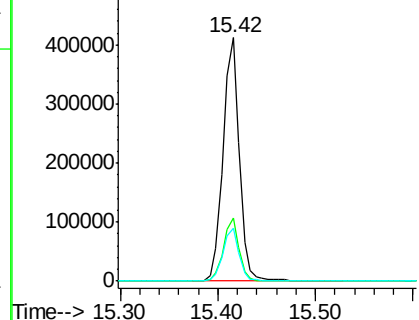


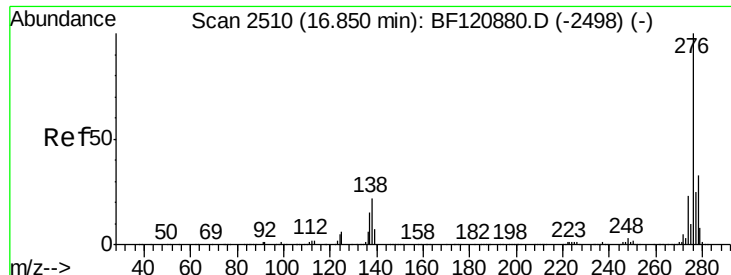
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion:264 Resp: 478557
Ion Ratio Lower Upper
264 100
260 25.9 20.0 30.0
265 21.8 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

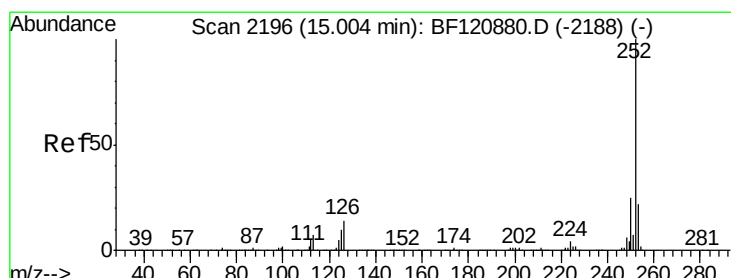
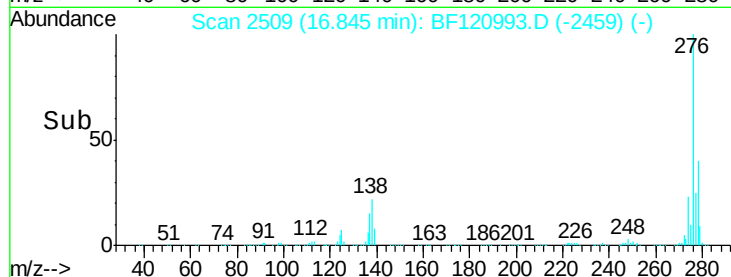
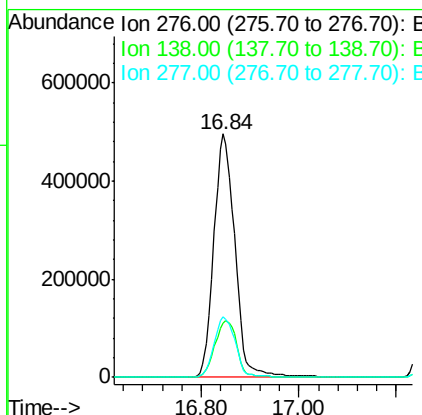
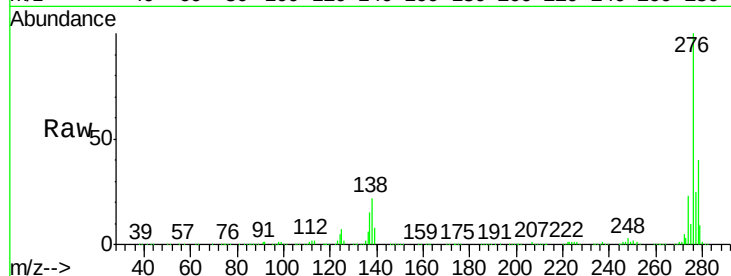




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.649 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

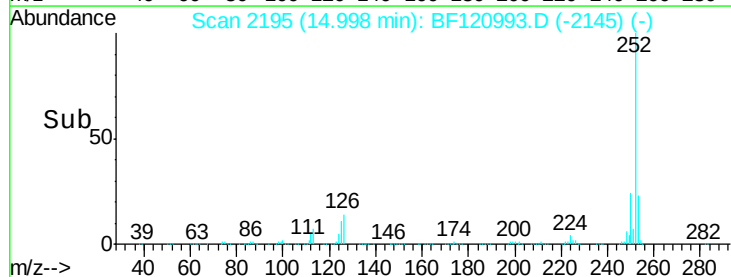
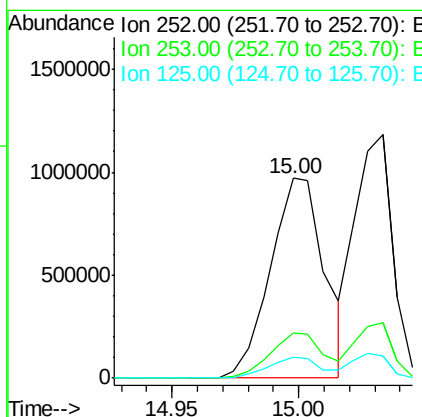
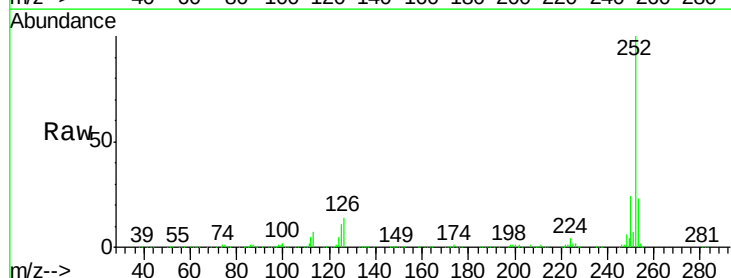
Instrument :
 BNA_F
 ClientSampleId :

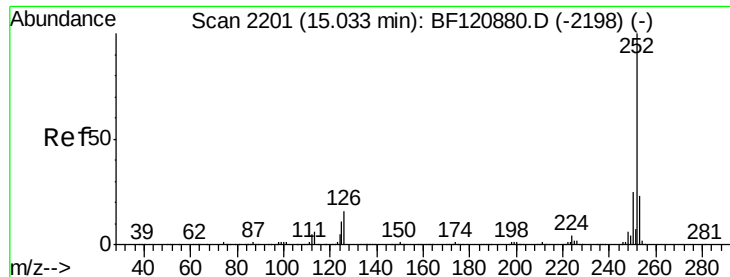
Tot Ion:276 Resp: 1486011
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.8 29.8
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 49.976 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BF120993.D
 Acq: 23 Jul 2020 21:26

Tgt Ion:252 Resp: 1445660
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 10.8 8.3 12.5

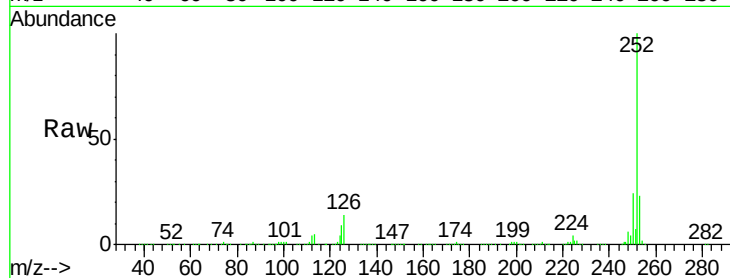




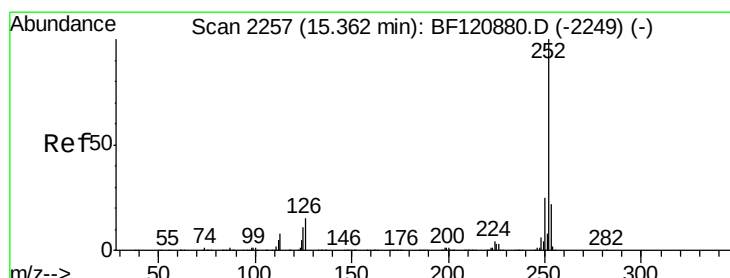
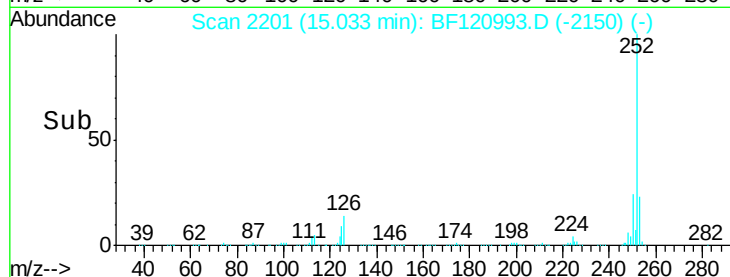
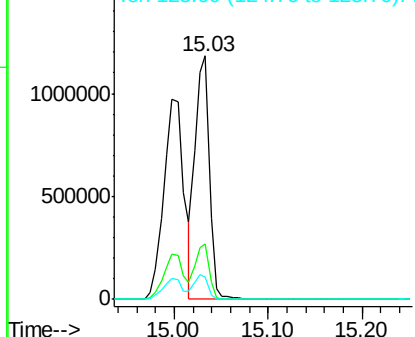
#89
Benzo(k)fluoranthene
Concen: 47.134 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1243456
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.2 8.4 12.6

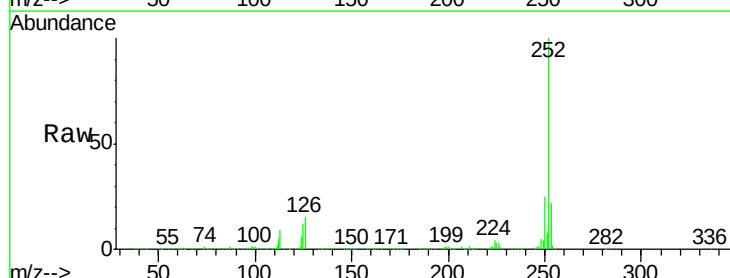


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

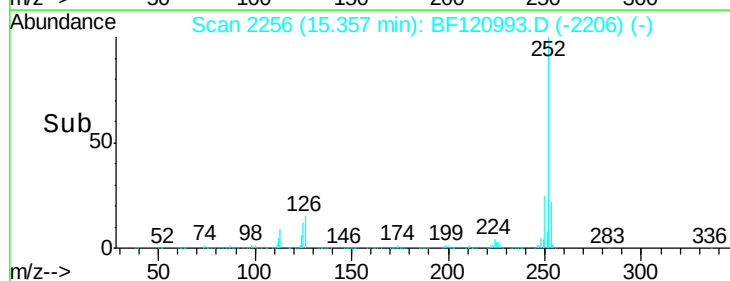
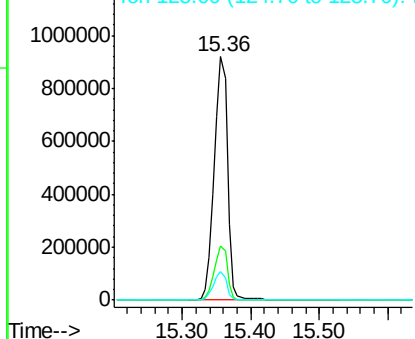


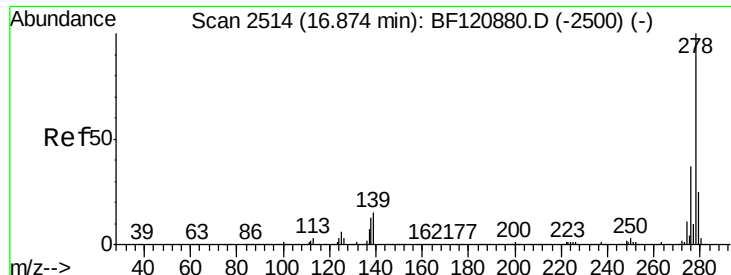
#90
Benzo(a)pyrene
Concen: 46.434 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion:252 Resp: 1225482
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.6 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

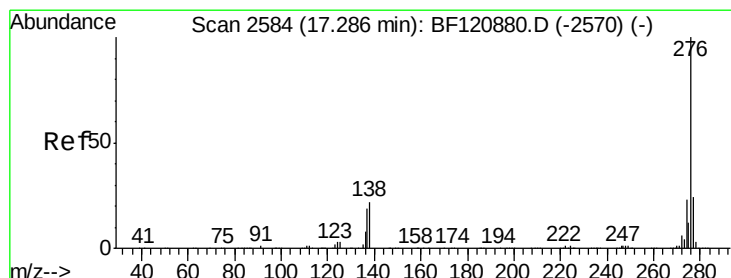
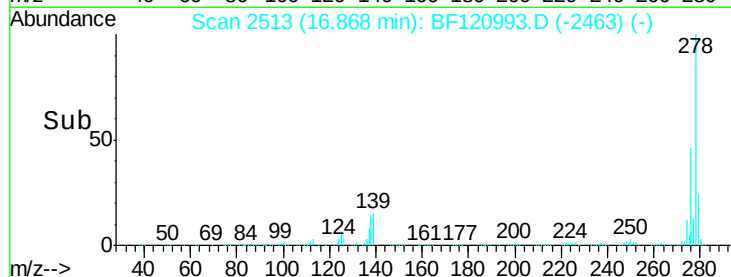
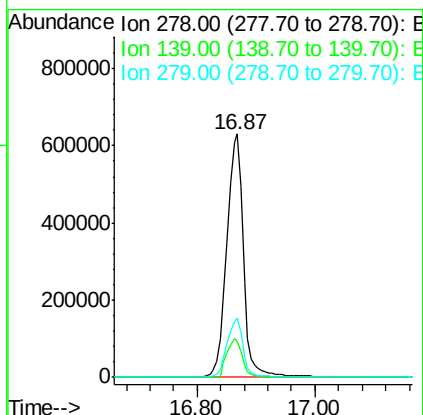
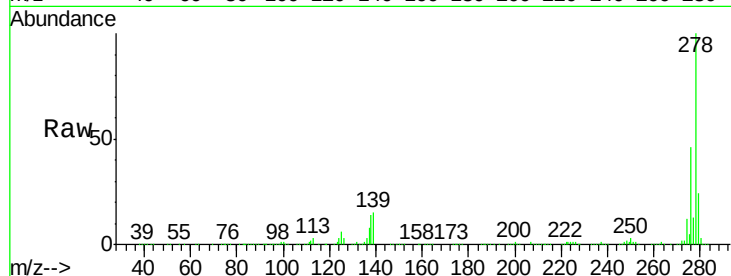




#91
Dibenzo(a,h)anthracene
Concen: 45.924 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1248512
Ion Ratio Lower Upper
278 100
139 14.9 12.3 18.5
279 24.5 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 45.086 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF120993.D
Acq: 23 Jul 2020 21:26

Tgt Ion:276 Resp: 1208554
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 21.4 17.5 26.3

