

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120987.D
 Acq On : 23 Jul 2020 18:22
 Operator : JU/CG
 Sample : L3380-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 00:45:02 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	162768	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	627377	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	217265	20.00	ng	0.02
64) Phenanthrene-d10	11.37	188	146938	20.00	ng	0.04
76) Chrysene-d12	13.99	240	304142	20.00	ng	0.02
86) Perylene-d12	15.43	264	434047	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1135356	114.35	ng	0.01
7) Phenol-d6	6.45	99	1449047	112.98	ng	0.00
23) Nitrobenzene-d5	7.38	82	894846	82.53	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	262703	110.46	ng	0.02
45) 2-Fluorobiphenyl	9.18	172	1568631	107.80	ng	0.00
79) Terphenyl-d14	12.96	244	752022	53.75	ng	0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	189814	41.539	ng	99
3) Pyridine	3.32	79	453989	37.348	ng	98
4) n-Nitrosodimethylamine	3.26	42	223295	42.958	ng	93
6) Aniline	6.47	93	331563	19.805	ng	98
8) 2-Chlorophenol	6.60	128	500315	45.742	ng	99
9) Benzaldehyde	6.36	77	360327	71.481	ng	97
10) Phenol	6.46	94	575355	40.781	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	471793	43.634	ng	99
12) 1,3-Dichlorobenzene	6.76	146	500238	42.177	ng	98
13) 1,4-Dichlorobenzene	6.83	146	508714	43.135	ng	99
14) 1,2-Dichlorobenzene	6.99	146	487823	43.723	ng	98
15) Benzyl Alcohol	6.96	79	395075	43.558	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	657702	42.202	ng	99
17) 2-Methylphenol	7.07	107	389368	40.164	ng	99
18) Hexachloroethane	7.33	117	189755	44.454	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	305802	41.931	ng	100
20) 3+4-Methylphenols	7.22	107	440316	35.704	ng	# 84
22) Acetophenone	7.23	105	601825	42.743	ng	97
24) Nitrobenzene	7.40	77	489880	41.920	ng	99
25) Isophorone	7.64	82	906981	41.914	ng	100
26) 2-Nitrophenol	7.72	139	260724	46.977	ng	100
27) 2,4-Dimethylphenol	7.76	122	423797	47.030	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	581368	44.013	ng	99
29) 2,4-Dichlorophenol	7.96	162	401200	43.571	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	433132	42.397	ng	98
31) Naphthalene	8.12	128	1330599	41.347	ng	99
32) Benzoic acid	7.89	122	332026	49.085	ng	98
33) 4-Chloroaniline	8.17	127	246978	17.204	ng	99
34) Hexachlorobutadiene	8.24	225	249321	41.399	ng	99
35) Caprolactam	8.55	113	136608	46.263	ng	# 68
36) 4-Chloro-3-methylphenol	8.66	107	421656	44.649	ng	98
37) 2-Methylnaphthalene	8.82	142	875725	41.910	ng	100
38) 1-Methylnaphthalene	8.92	142	817716	41.319	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	389357	61.508	ng	98

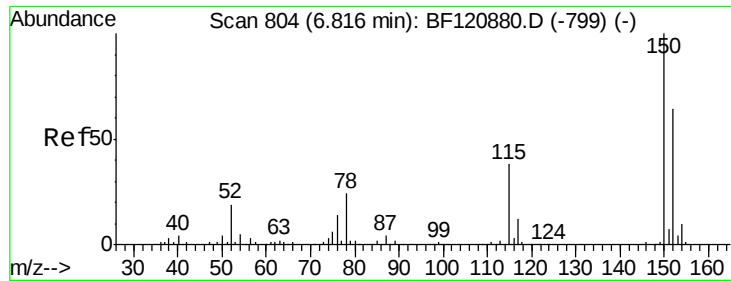
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120987.D
 Acq On : 23 Jul 2020 18:22
 Operator : JU/CG
 Sample : L3380-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 00:45:02 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	8.97	237	415774	118.842	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	284858	63.912	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	293806	58.114	ng #	90
46) 1,1'-Biphenyl	9.28	154	1034550	62.424	ng	98
47) 2-Chloronaphthalene	9.30	162	764915	56.610	ng	98
48) 2-Nitroaniline	9.40	65	239364	58.619	ng	97
49) Acenaphthylene	9.73	152	1116844	53.205	ng	96
50) Dimethylphthalate	9.59	163	998522	63.704	ng #	96
51) 2,6-Dinitrotoluene	9.65	165	200472	59.532	ng #	84
52) Acenaphthene	9.90	154	633976	47.504	ng	99
53) 3-Nitroaniline	9.81	138	136060	32.215	ng #	88
54) 2,4-Dinitrophenol	9.92	184	133238	69.701	ng #	64
55) Dibenzofuran	10.07	168	780775	40.457	ng	97
56) 4-Nitrophenol	9.97	139	258180	80.474	ng #	68
57) 2,4-Dinitrotoluene	10.05	165	187676	42.439	ng #	95
58) Fluorene	10.42	166	439030	30.502	ng #	95
59) 2,3,4,6-Tetrachlorophenol	10.19	232	157346	40.876	ng #	95
60) Diethylphthalate	10.29	149	488816	30.832	ng #	93
61) 4-Chlorophenyl-phenylether	10.41	204	220114	28.671	ng #	85
62) 4-Nitroaniline	10.33	138	26017	6.324	ng	89
63) Azobenzene	10.57	77	462316	30.630	ng	92
65) 4,6-Dinitro-2-methylphenol	10.46	198	68228	77.649	ng #	1
66) n-Nitrosodiphenylamine	10.53	169	387327	83.794	ng	98
67) 4-Bromophenyl-phenylether	10.91	248	132347	80.786	ng #	84
68) Hexachlorobenzene	10.99	284	134140	75.693	ng #	81
69) Atrazine	11.07	200	88530	77.335	ng #	65
70) Pentachlorophenol	11.17	266	142629	140.488	ng	99
71) Phenanthrene	11.40	178	335011	44.331	ng #	85
72) Anthracene	11.45	178	361473	47.635	ng #	90
73) Carbazole	11.60	167	284767	37.814	ng #	85
74) Di-n-butylphthalate	11.93	149	386347	44.456	ng #	93
75) Fluoranthene	12.59	202	452151	53.979	ng	94
77) Benzidine	12.70	184	139068	17.391	ng #	69
78) Pyrene	12.82	202	536922	24.970	ng	97
80) Butylbenzylphthalate	13.42	149	331749	34.609	ng	93
81) Benzo(a)anthracene	13.98	228	828514	44.986	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	108289	15.585	ng #	96
83) Chrysene	14.02	228	827846	42.772	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	599420	50.711	ng #	98
85) Di-n-octyl phthalate	14.57	149	1251720	53.227	ng	100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1400926	46.409	ng	100
88) Benzo(b)fluoranthene	15.01	252	1157841	44.131	ng	98
89) Benzo(k)fluoranthene	15.04	252	948481	39.640	ng	99
90) Benzo(a)pyrene	15.37	252	1018133	42.533	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1157869	46.958	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1197328	49.248	ng	99

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

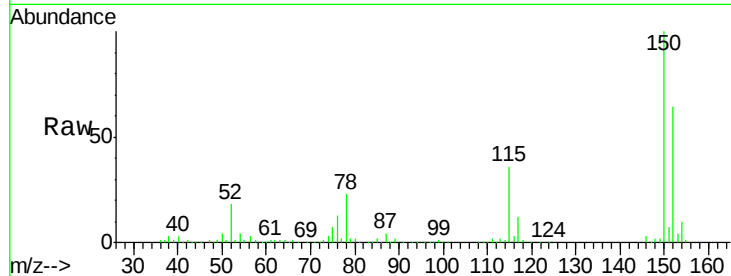


#1

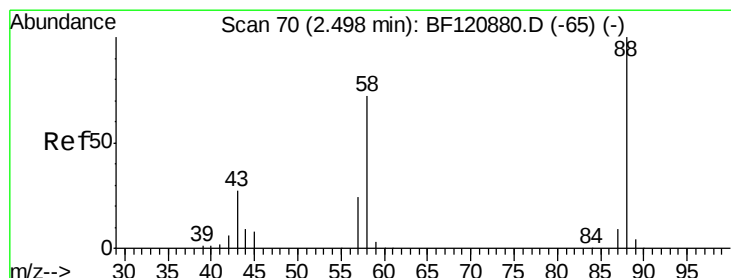
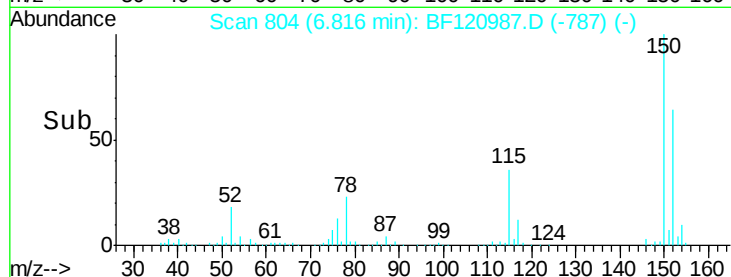
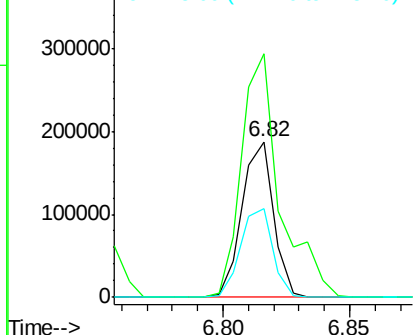
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162768
Ion Ratio Lower Upper
152 100
150 156.5 125.0 187.6
115 56.7 47.0 70.4



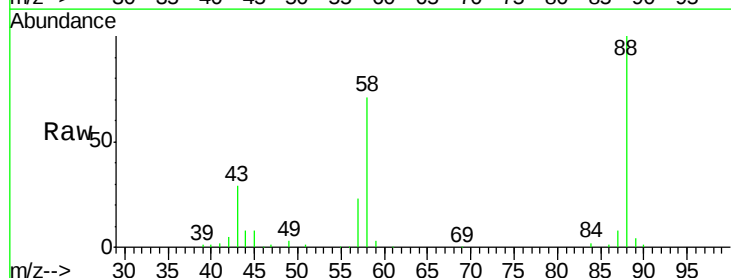
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



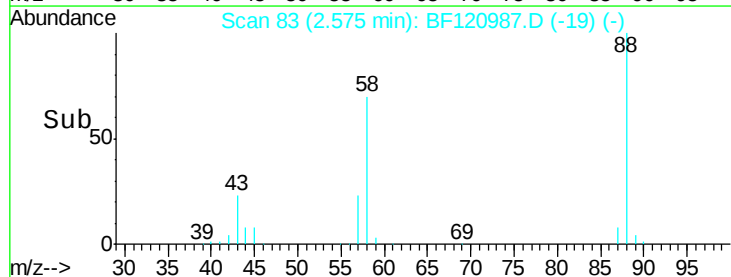
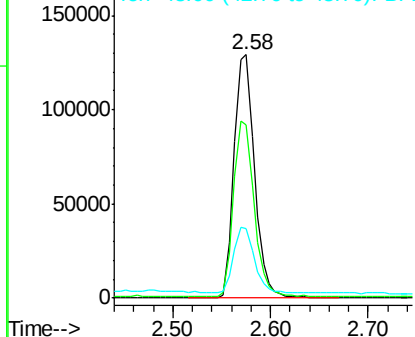
#2

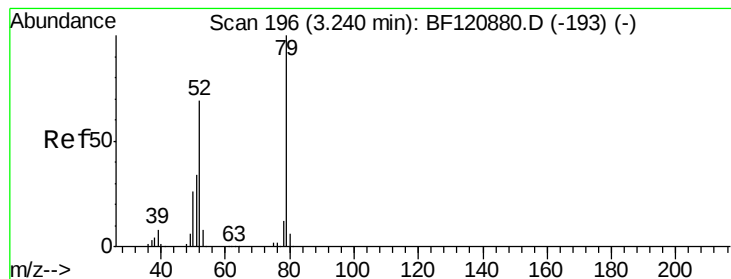
1,4-Dioxane
Concen: 41.539 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.08 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion: 88 Resp: 189814
Ion Ratio Lower Upper
88 100
58 71.9 58.2 87.2
43 27.2 22.1 33.1



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





#3

Pvridine

Concen: 37.348 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.08 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

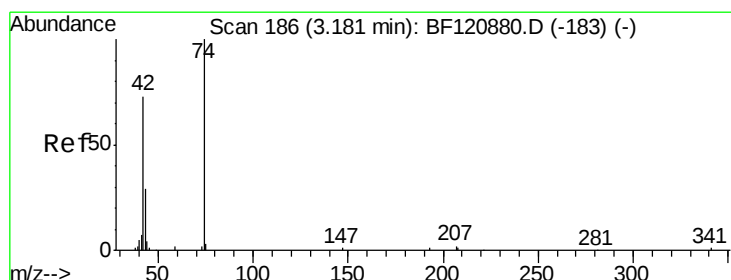
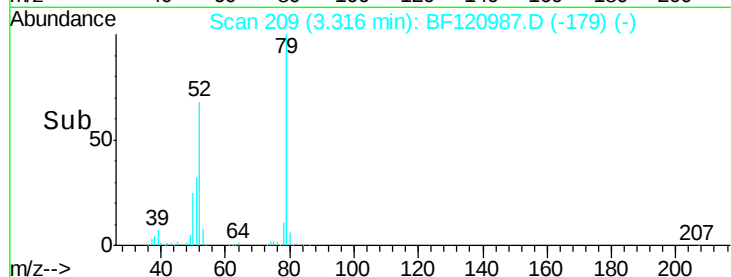
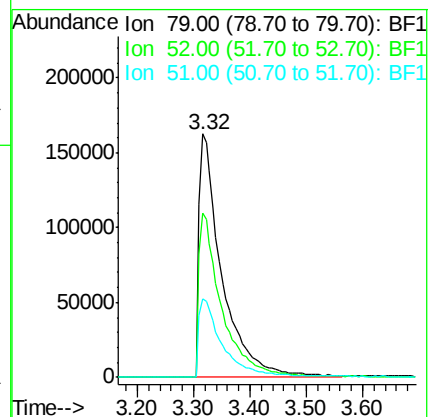
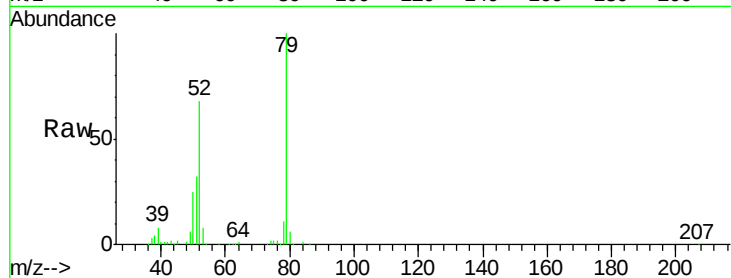
Tot Ion: 79 Resp: 453989

Ion Ratio Lower Upper

79 100

52 67.7 55.0 82.6

51 32.0 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 42.958 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.08 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

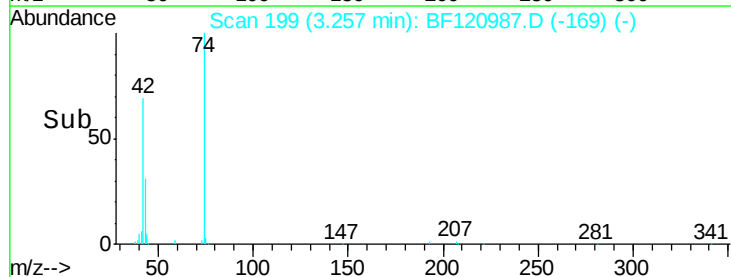
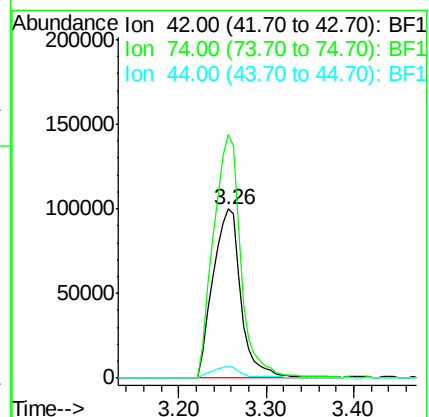
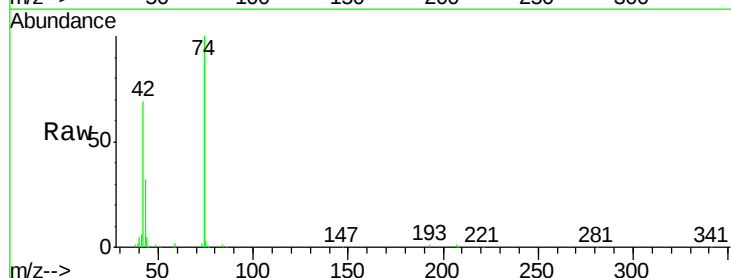
Tgt Ion: 42 Resp: 223295

Ion Ratio Lower Upper

42 100

74 144.1 108.7 163.1

44 7.0 5.2 7.8





#5

2-Fluorophenol

Concen: 114.350 ng

RT: 5.43 min Scan# 569

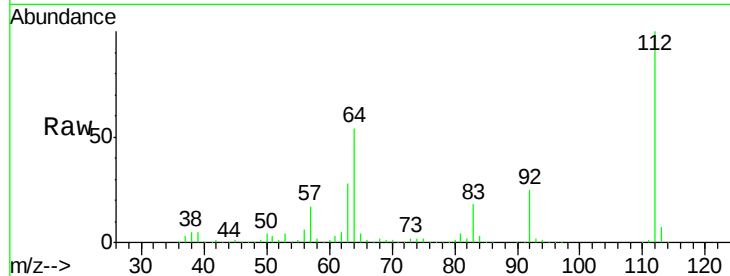
Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :

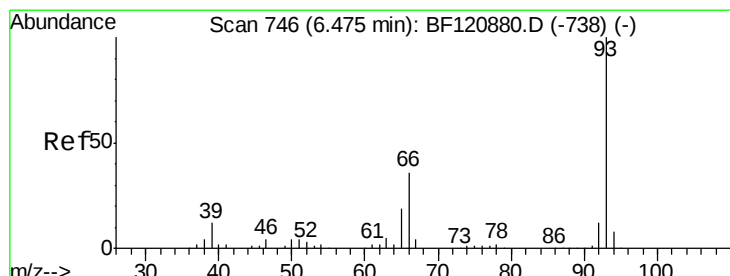
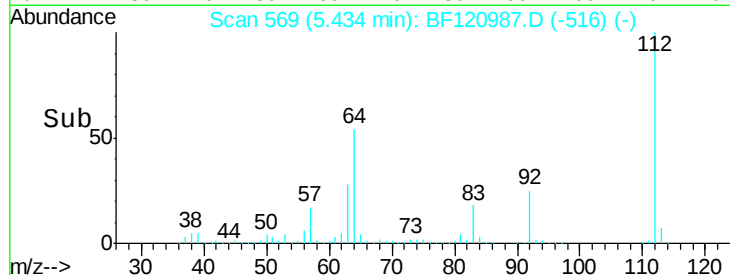
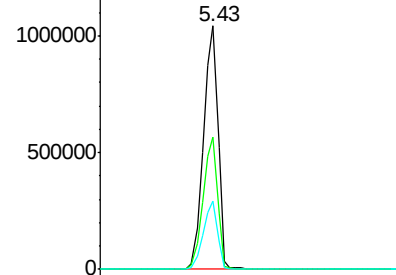
Tot Ion:	112	Resp:	1135356
Ion	Ratio	Lower	Upper
112	100		
64	54.2	41.3	61.9
63	28.2	21.1	31.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.805 ng

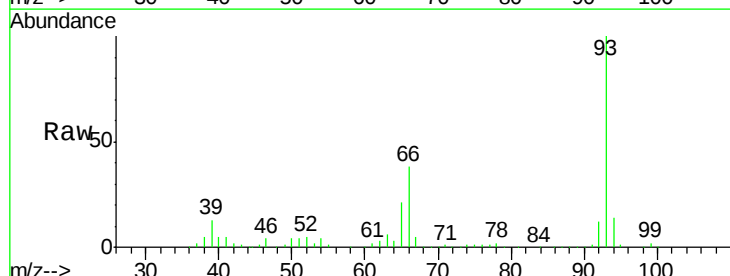
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

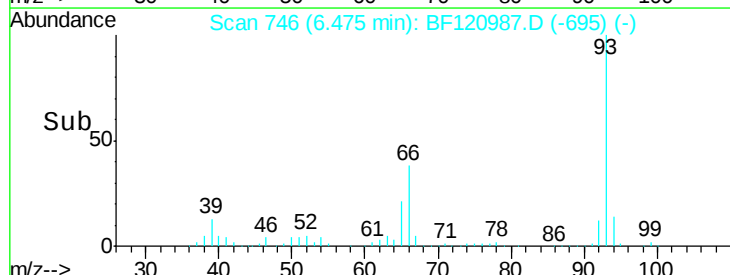
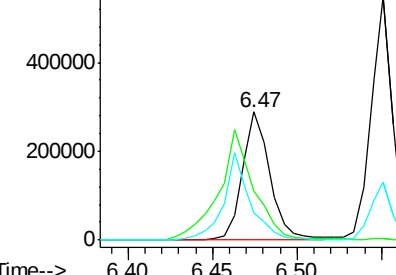
Tgt Ion:	93	Resp:	331563
Ion	Ratio	Lower	Upper
93	100		
66	38.4	30.2	45.4
65	20.9	15.8	23.6

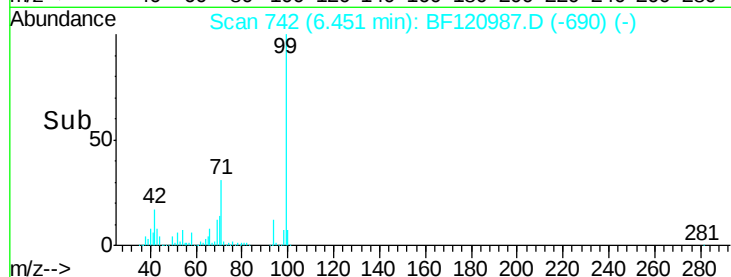
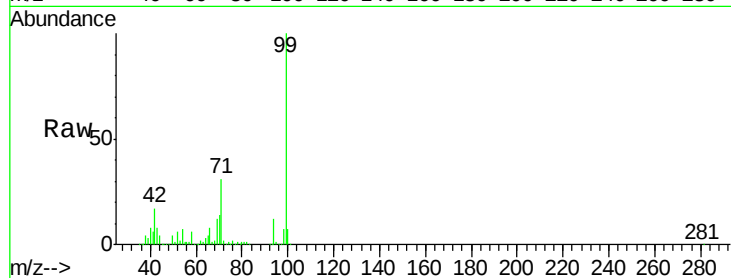
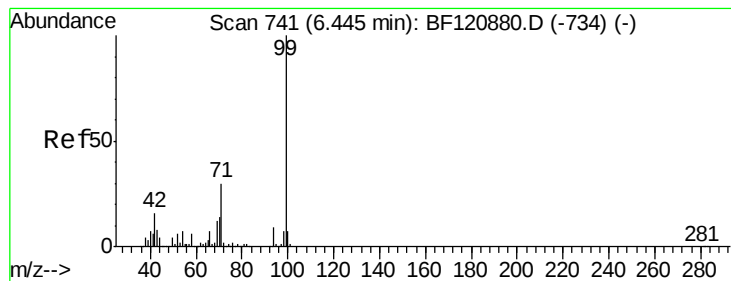


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.982 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

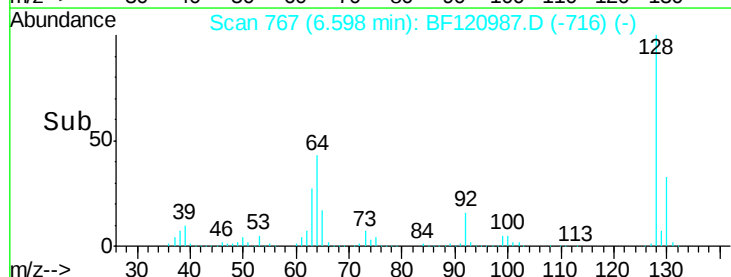
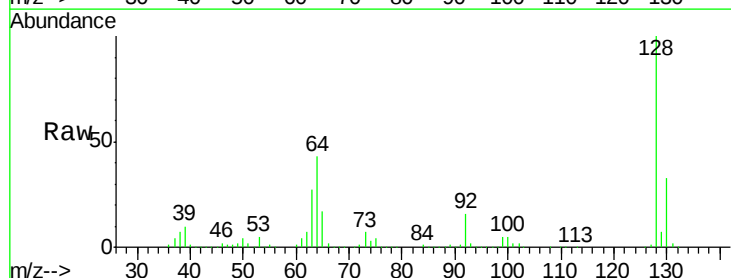
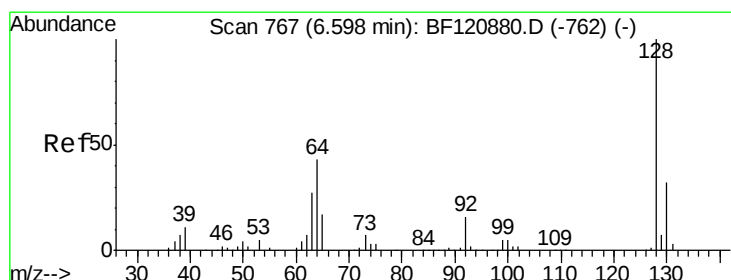
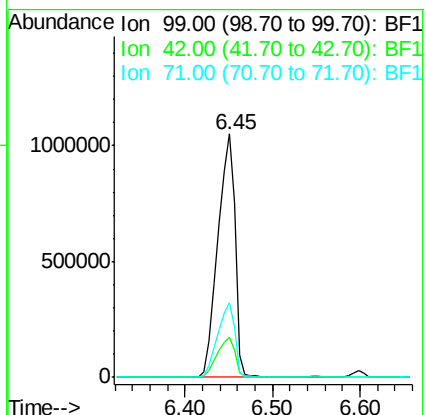
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1449047

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.1	19.7
71	30.9	24.2	36.4



#8

2-Chlorophenol

Concen: 45.742 ng

RT: 6.60 min Scan# 767

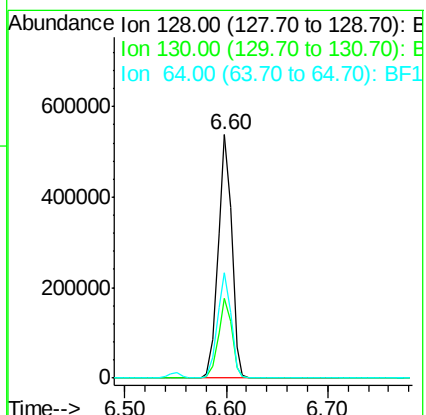
Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion: 128 Resp: 500315

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.1	52.1
64	43.5	24.0	64.0





#9

Benzaldehyde

Concen: 71.481 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

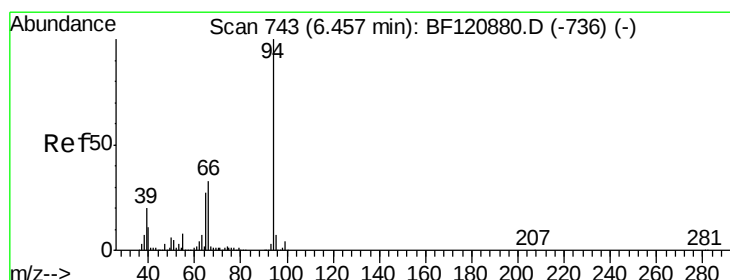
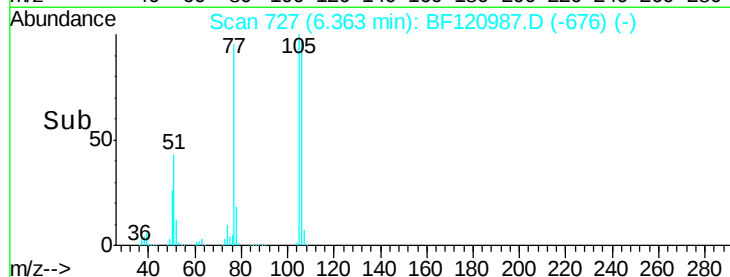
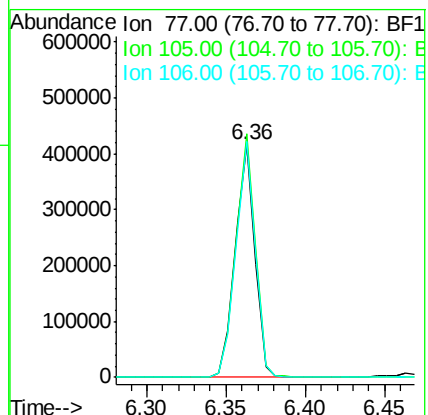
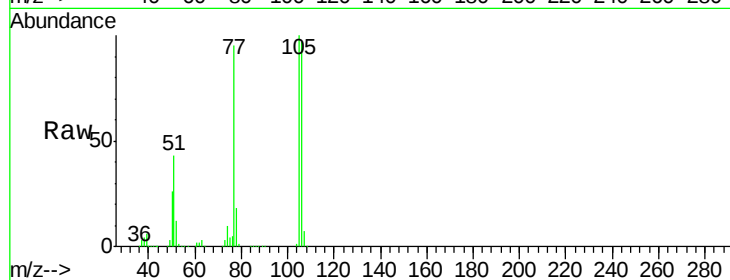
Tot Ion: 77 Resp: 360327

Ion Ratio Lower Upper

77 100

105 104.7 82.5 122.5

106 101.5 78.7 118.7



#10

Phenol

Concen: 40.781 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

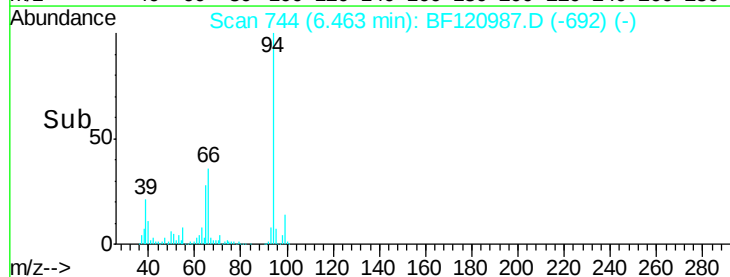
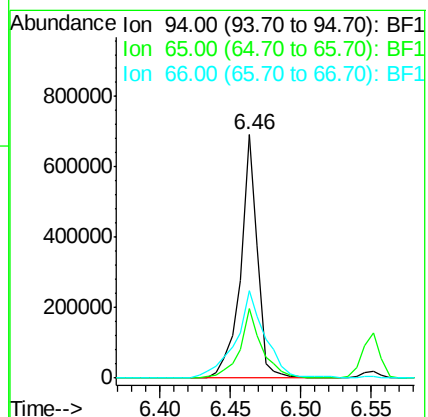
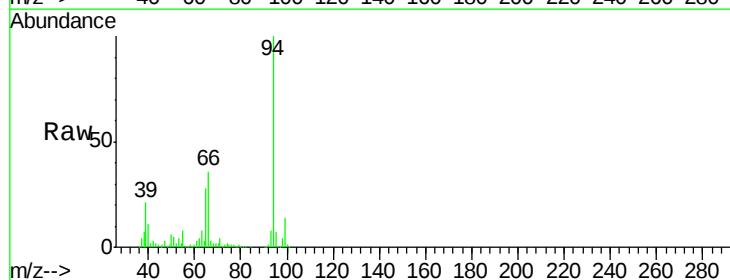
Tgt Ion: 94 Resp: 575355

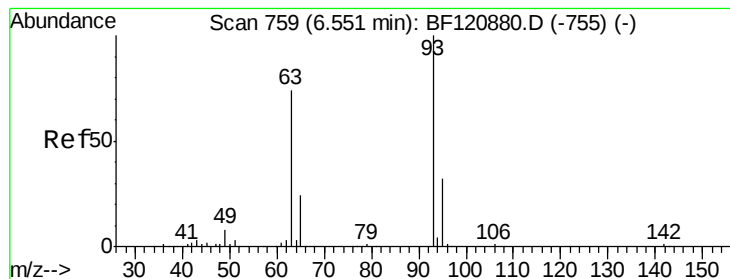
Ion Ratio Lower Upper

94 100

65 28.3 6.6 46.6

66 35.9 13.2 53.2





#11

bis(2-Chloroethyl)ether

Concen: 43.634 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

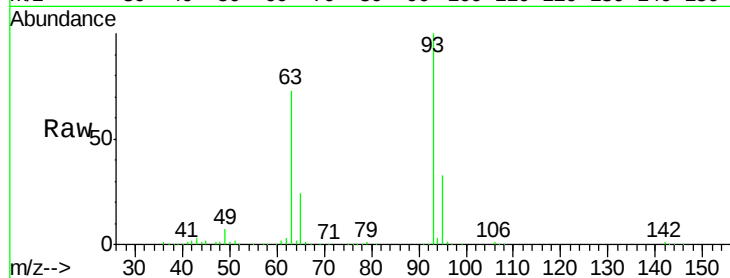
Tot Ion: 93 Resp: 471793

Ion Ratio Lower Upper

93 100

63 73.4 54.2 94.2

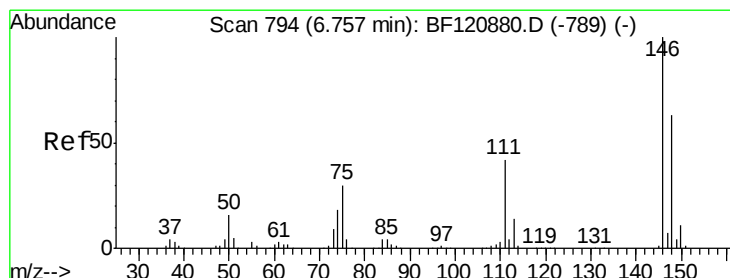
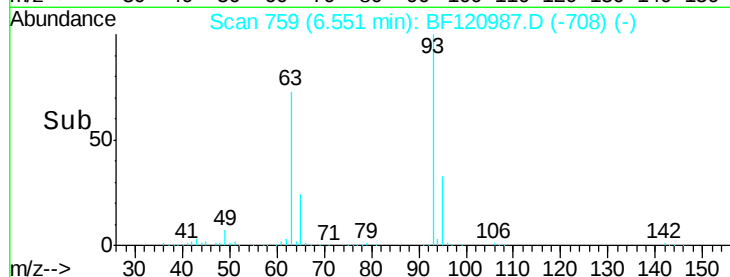
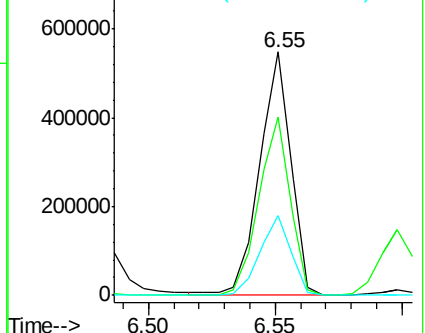
95 33.0 12.2 52.2



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: 42.177 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

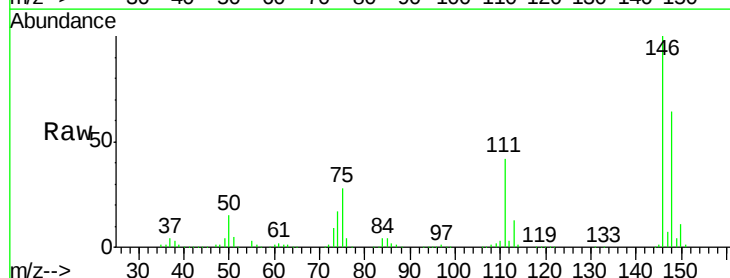
Tgt Ion: 146 Resp: 500238

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

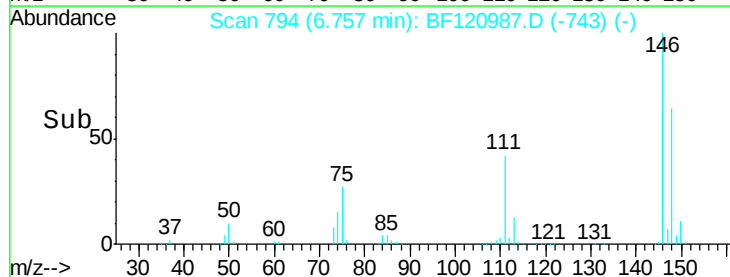
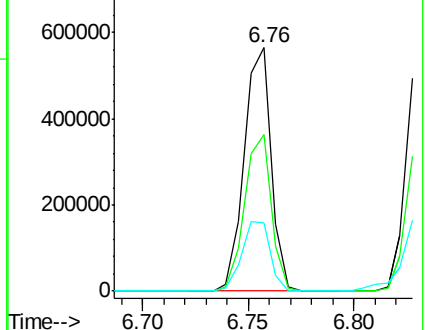
75 28.0 24.1 36.1

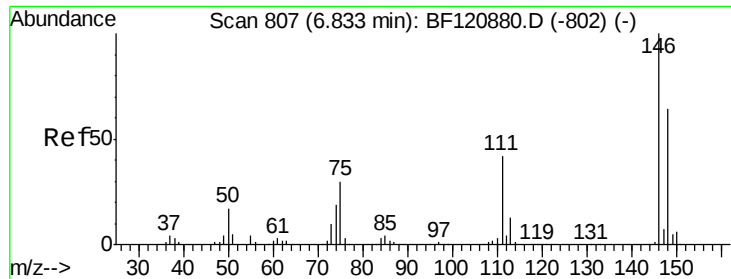


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

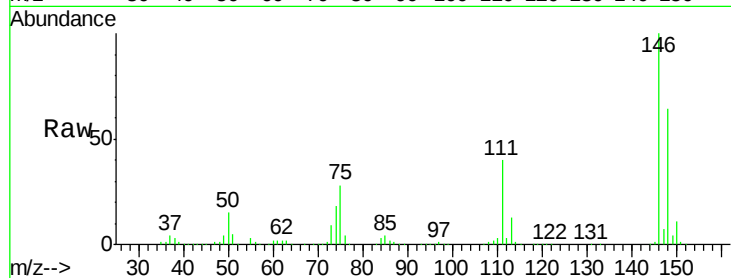




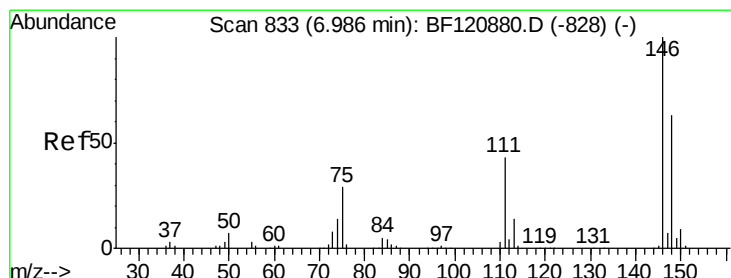
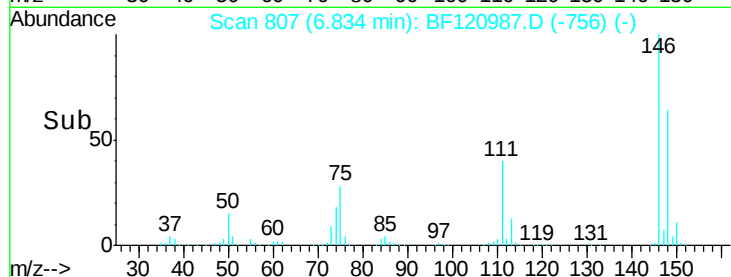
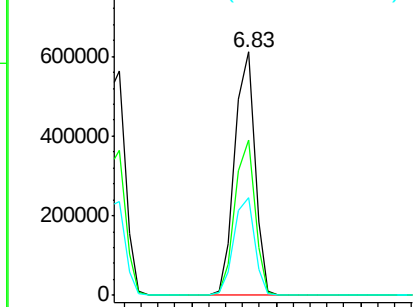
#13
 1,4-Dichlorobenzene
 Concen: 43.135 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.6	77.4
111	40.4	33.5	50.3

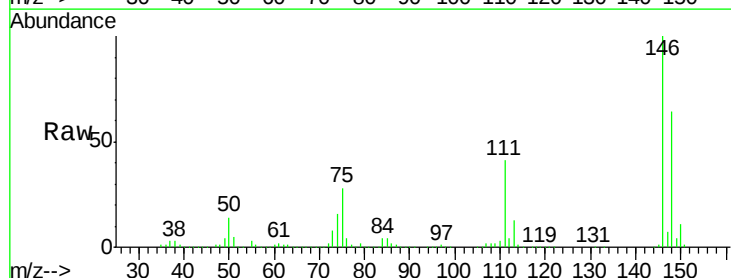


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

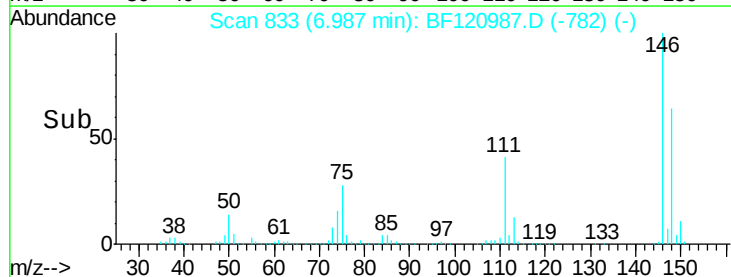
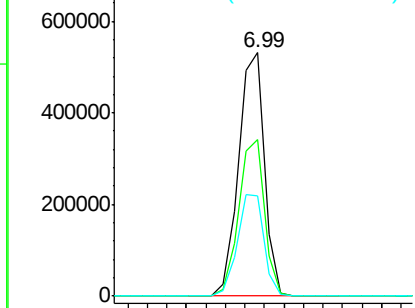


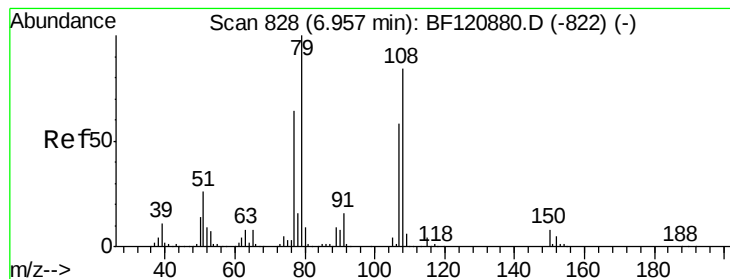
#14
 1,2-Dichlorobenzene
 Concen: 43.723 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	76.0
111	41.0	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: 43.558 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampled :

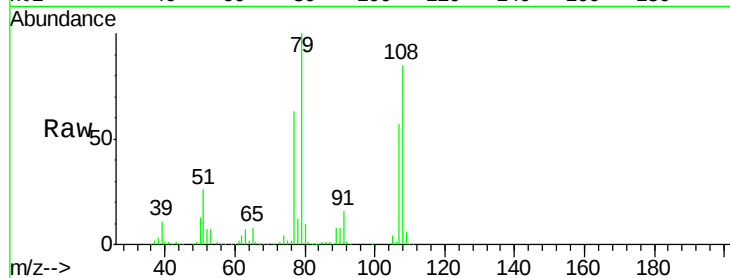
Tot Ion: 79 Resp: 395075

Ion Ratio Lower Upper

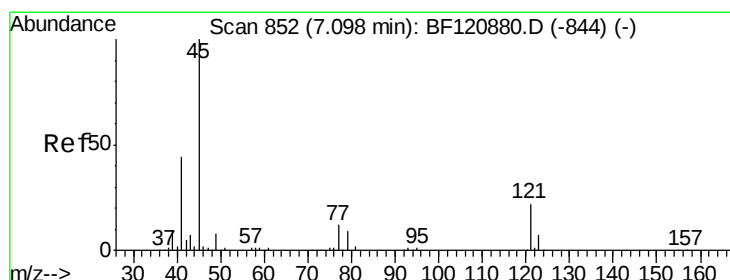
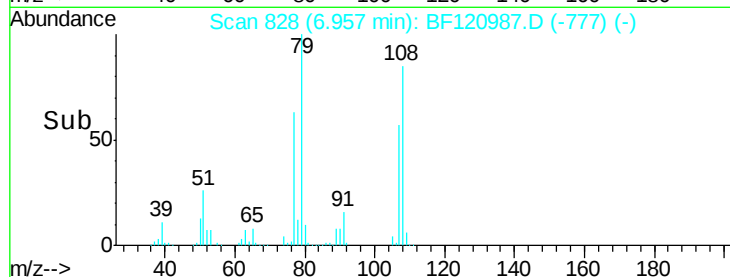
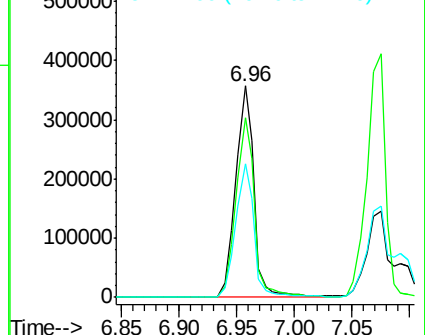
79 100

108 84.9 67.0 100.6

77 63.1 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: 42.202 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

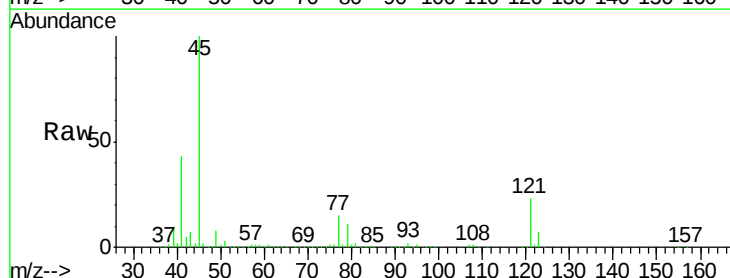
Tgt Ion: 45 Resp: 657702

Ion Ratio Lower Upper

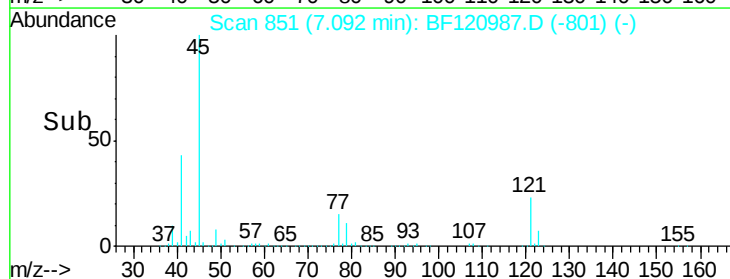
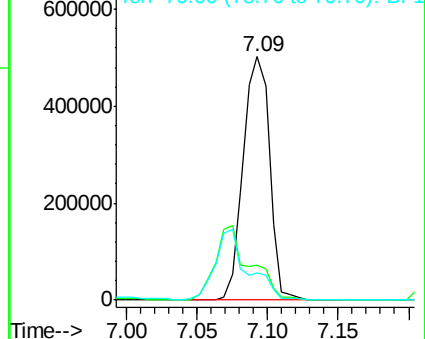
45 100

77 14.6 0.0 34.3

79 11.2 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

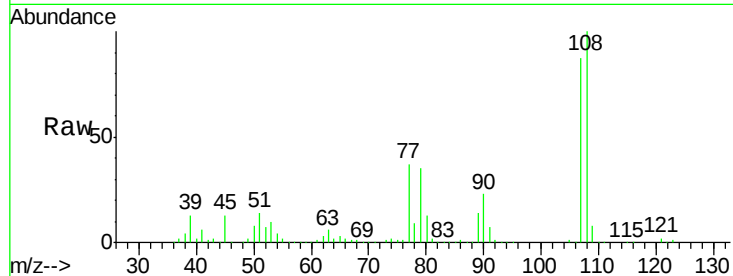




#17
2-Methylphenol
Concen: 40.164 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	92.0	138.0
77	43.3	34.0	51.0
79	40.9	33.3	49.9



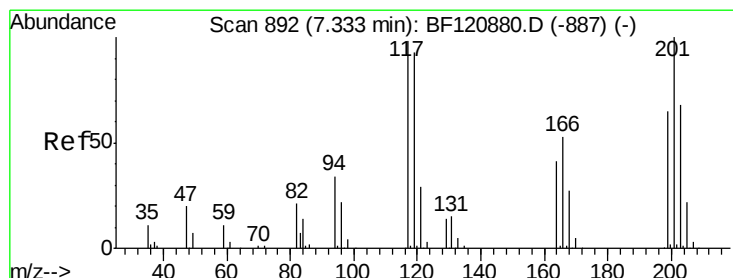
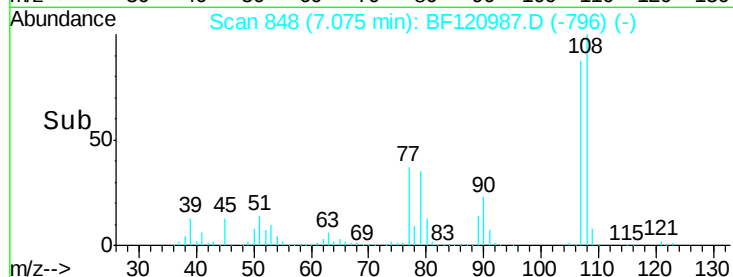
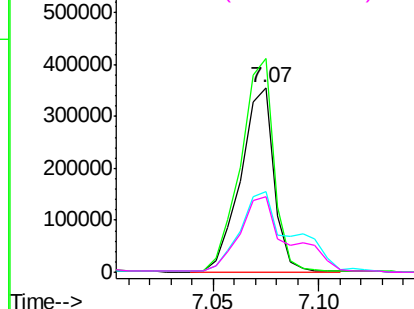
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

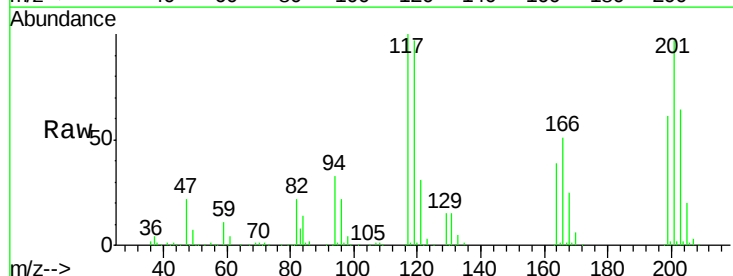
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.454 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.0	114.0
201	97.1	81.7	122.5

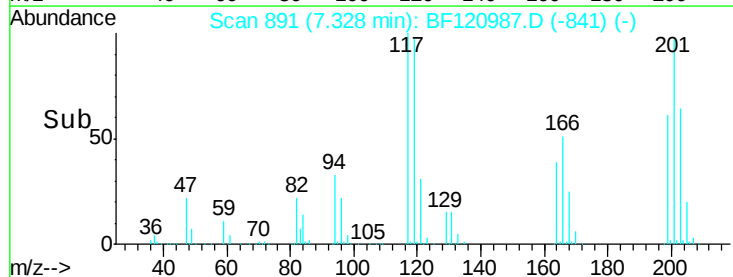
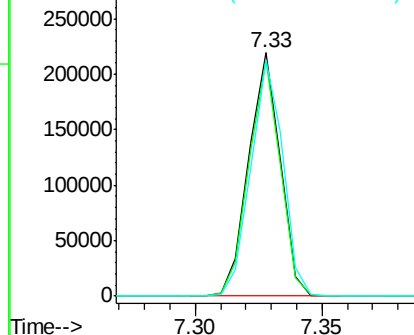


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

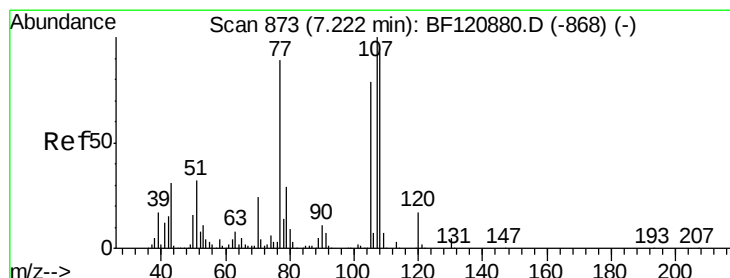
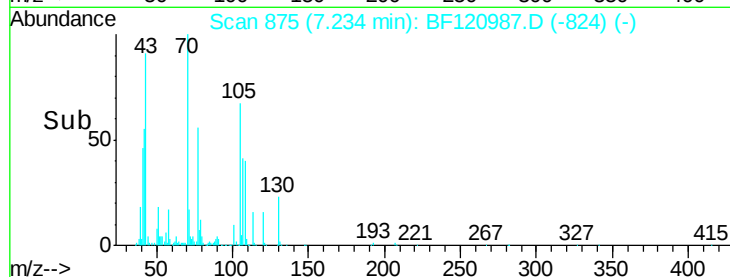
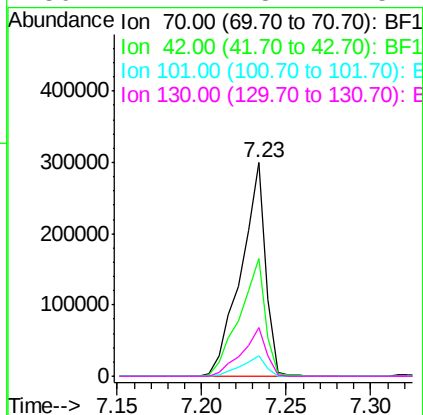
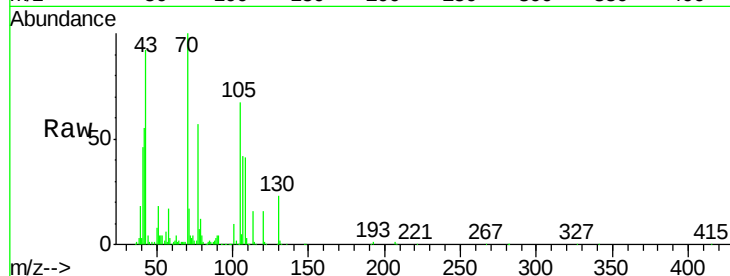




#19
n-Nitroso-di-n-propylamine
Concen: 41.931 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

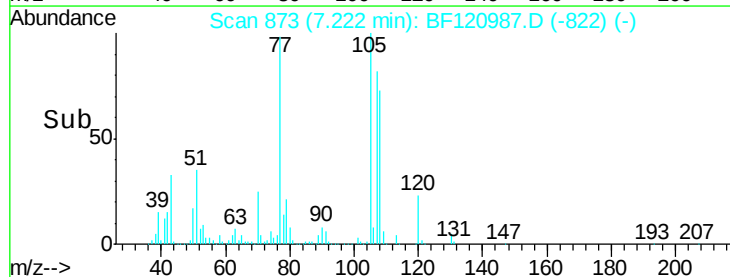
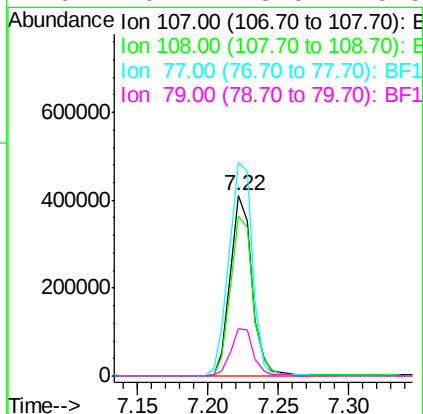
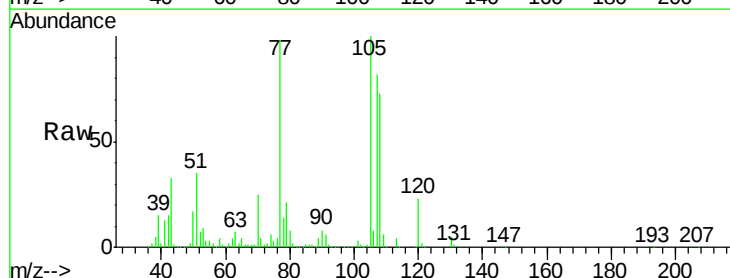
Instrument :
BNA_F
ClientSampleId :

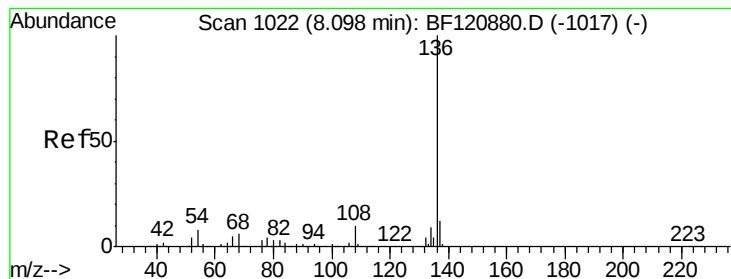
Tot Ion: 70 Resp: 305802
Ion Ratio Lower Upper
70 100
42 55.1 44.0 66.0
101 9.8 7.8 11.6
130 22.7 18.7 28.1



#20
3+4-Methylphenols
Concen: 35.704 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion: 107 Resp: 440316
Ion Ratio Lower Upper
107 100
108 88.9 72.8 112.8
77 118.7 68.7 108.7#
79 26.1 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: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 627377

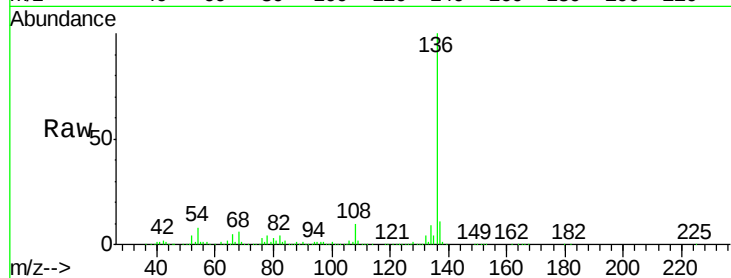
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.8 6.3 9.5

68 6.2 5.0 7.4

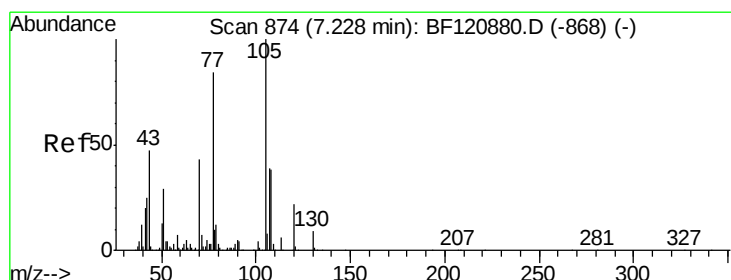
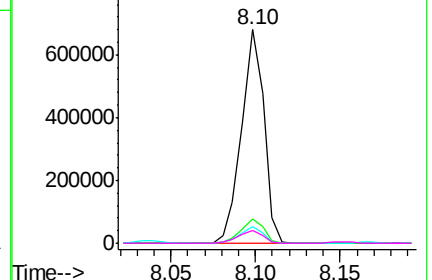
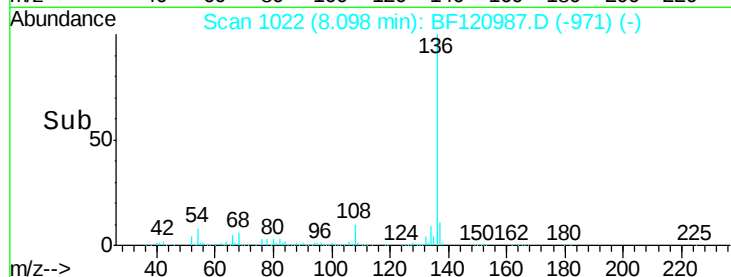


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.743 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Tgt Ion:105 Resp: 601825

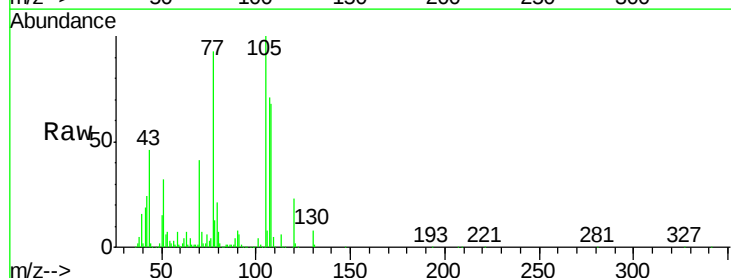
Ion Ratio Lower Upper

105 100

71 6.9 5.7 8.5

51 31.7 22.9 34.3

120 22.5 18.0 27.0

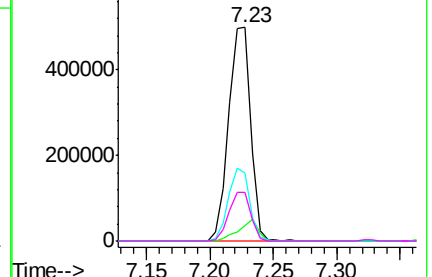
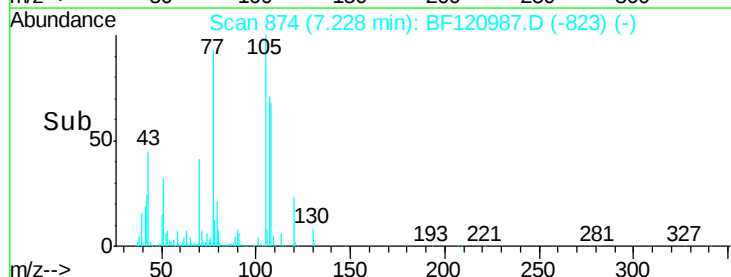


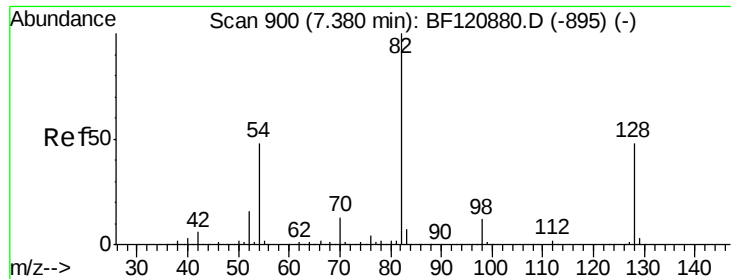
Abundance Ion 105.00 (104.70 to 105.70): E

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

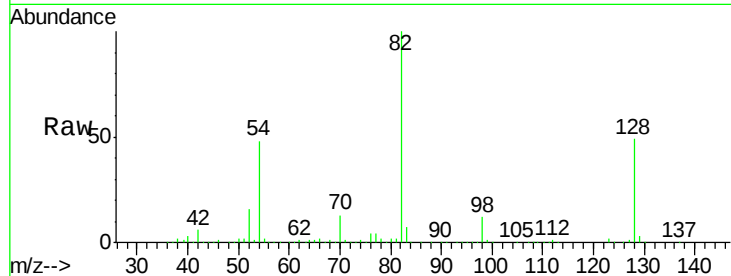




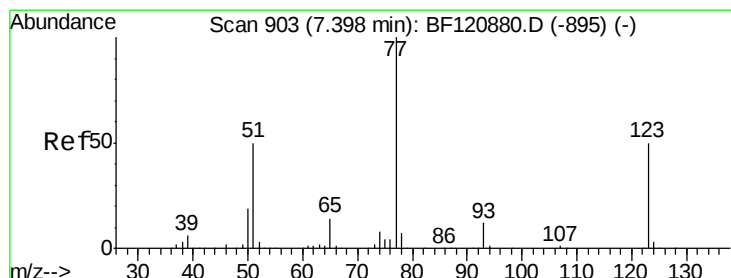
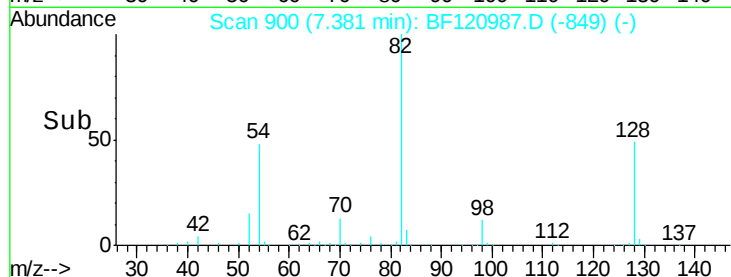
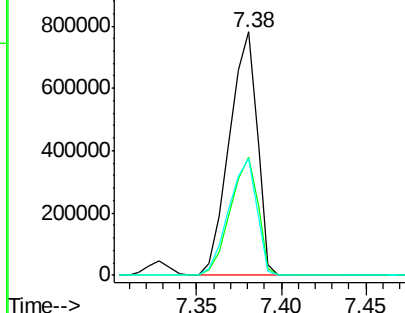
#23
Nitrobenzene-d5
Concen: 82.532 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	894846
Ion Ratio	100	Lower	Upper
128	48.5	38.2	57.4
54	48.1	38.7	58.1

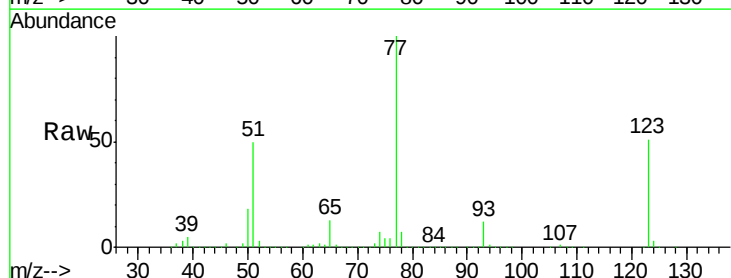


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

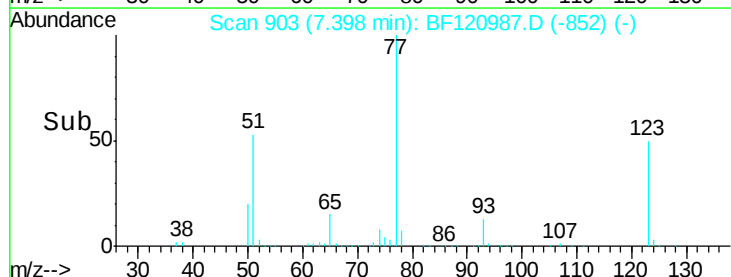
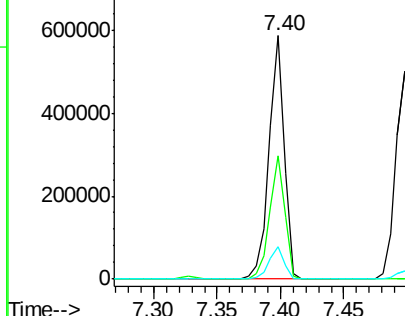


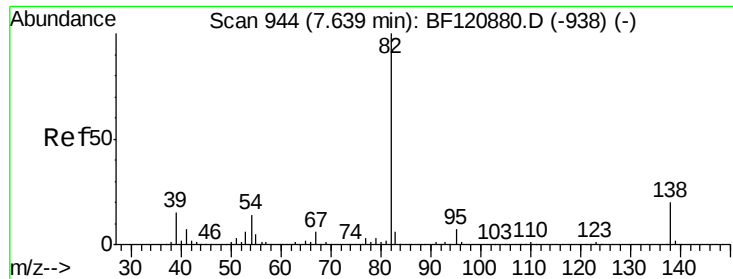
#24
Nitrobenzene
Concen: 41.920 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion	77	Resp	489880
Ion Ratio	100	Lower	Upper
123	50.5	40.1	60.1
65	13.1	10.8	16.2



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

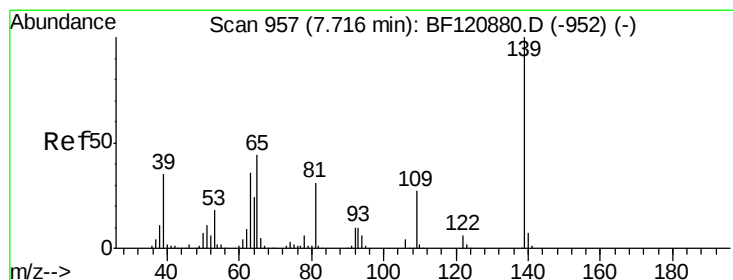
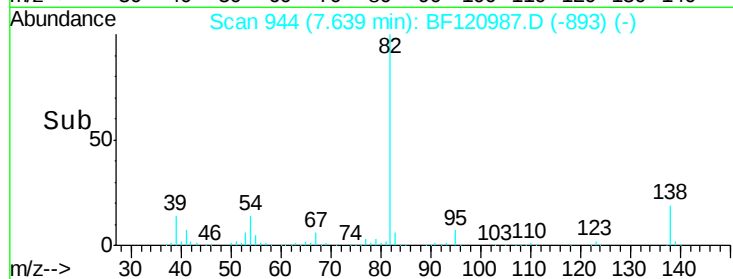
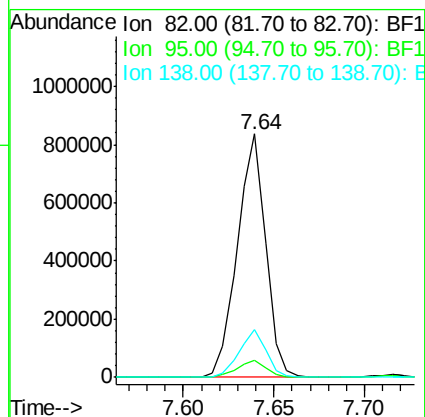
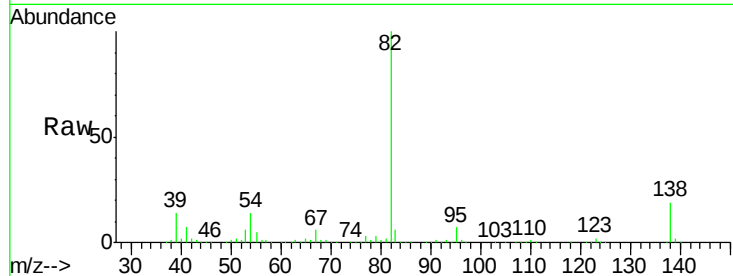




#25
Isophorone
Concen: 41.914 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

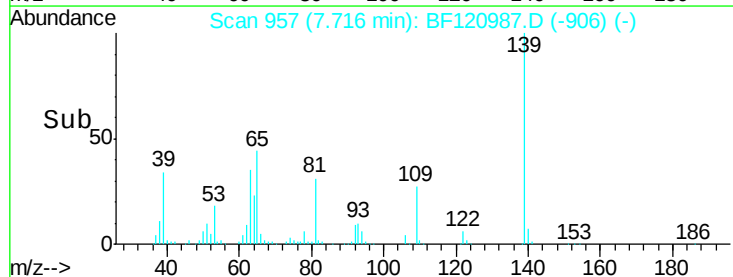
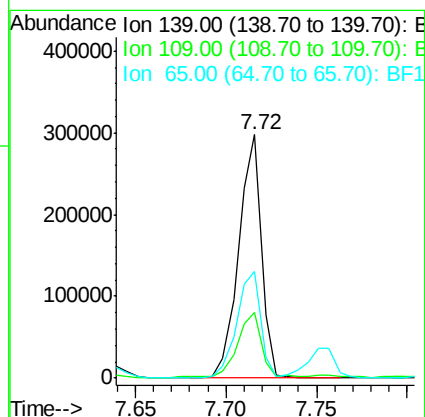
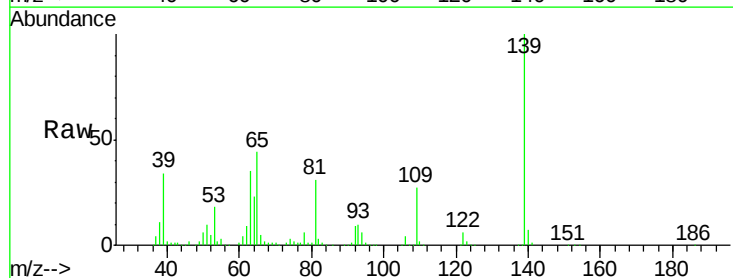
Instrument :
BNA_F
ClientSampleId :

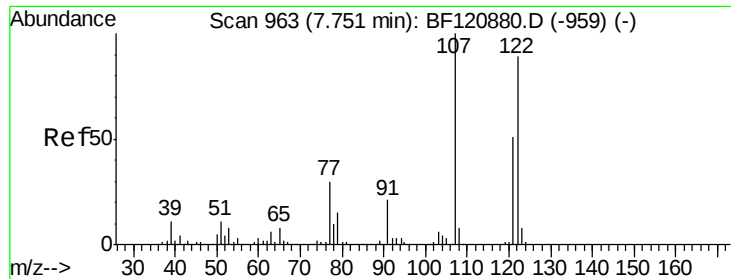
Tot Ion: 82 Resp: 906981
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 19.4 15.6 23.4



#26
2-Nitrophenol
Concen: 46.977 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion: 139 Resp: 260724
Ion Ratio Lower Upper
139 100
109 27.2 21.6 32.4
65 43.9 35.3 52.9

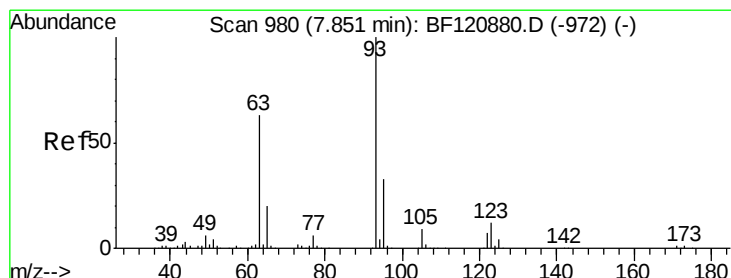
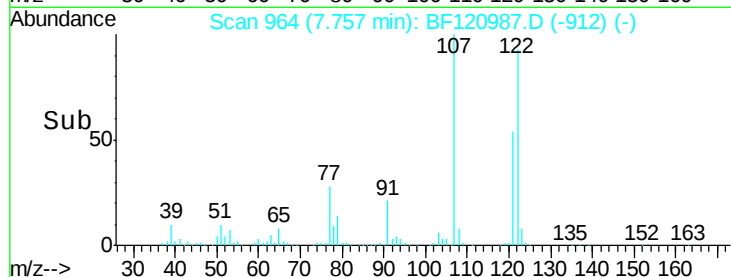
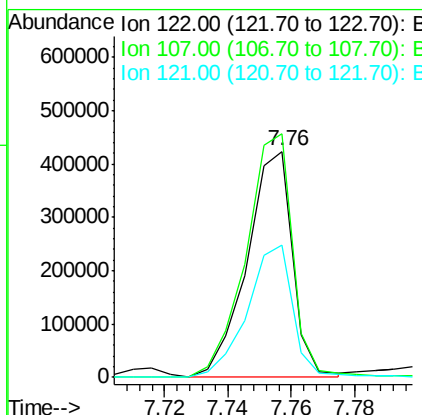
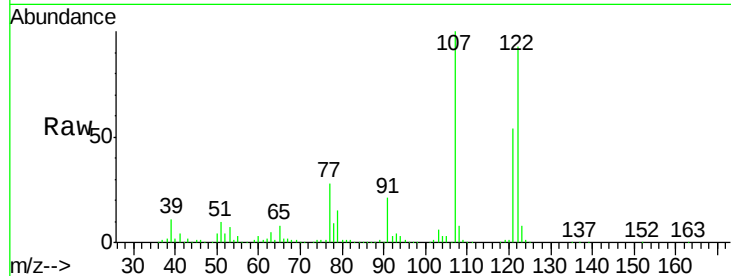




#27
 2,4-Dimethylphenol
 Concen: 47.030 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

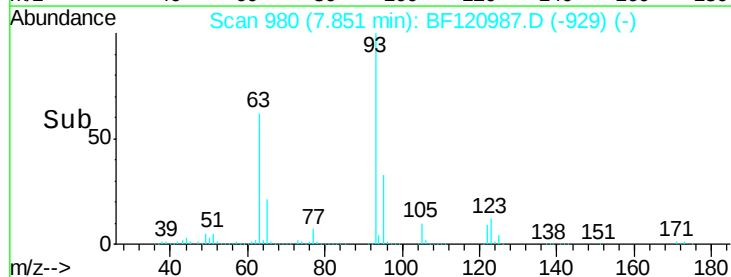
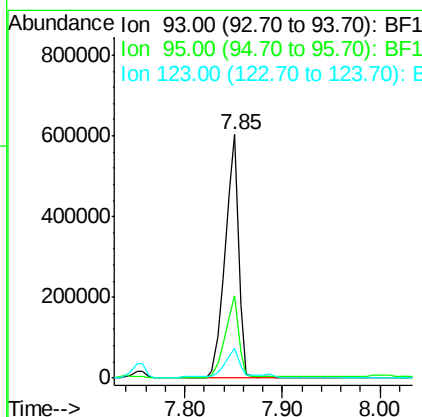
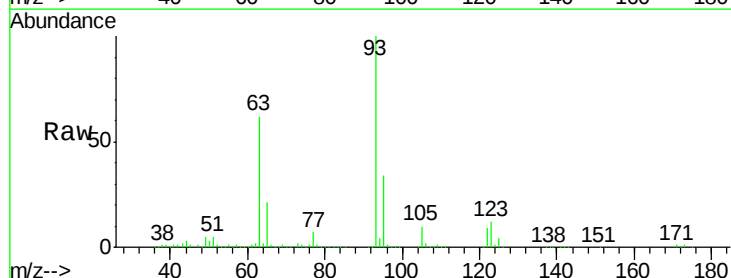
Instrument :
 BNA_F
 ClientSampled :

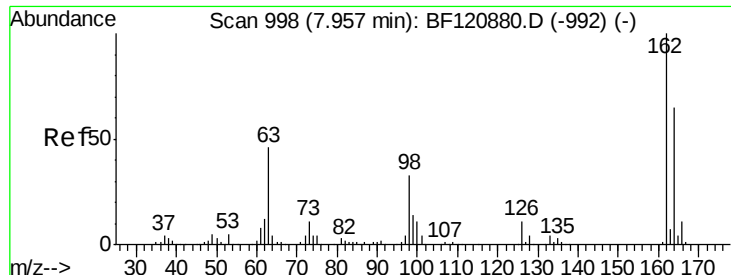
Tot Ion:122 Resp: 423797
 Ion Ratio Lower Upper
 122 100
 107 107.6 89.4 134.0
 121 58.4 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.013 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion: 93 Resp: 581368
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 39.8
 123 12.3 10.0 15.0

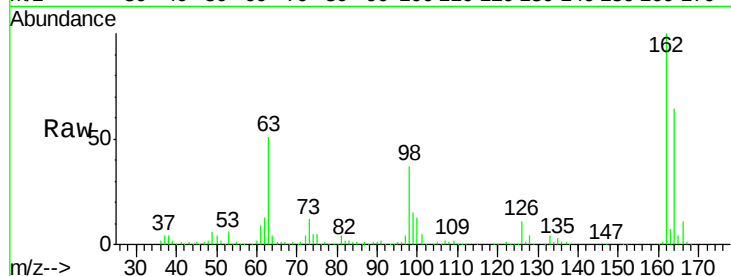




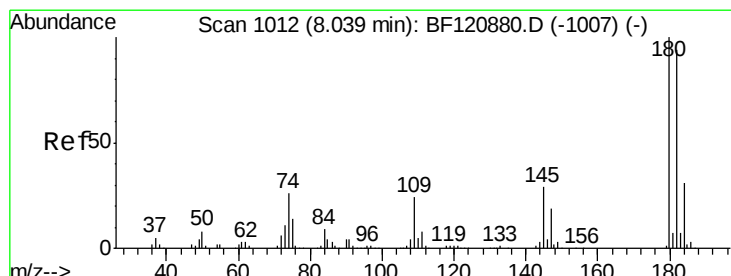
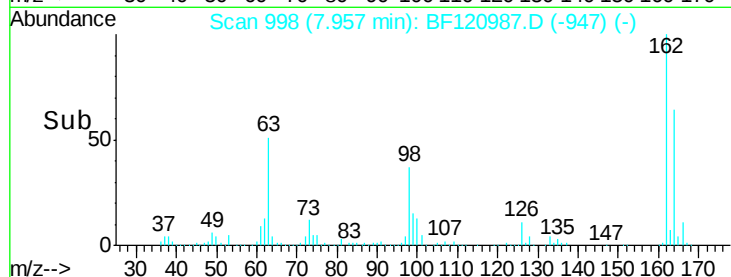
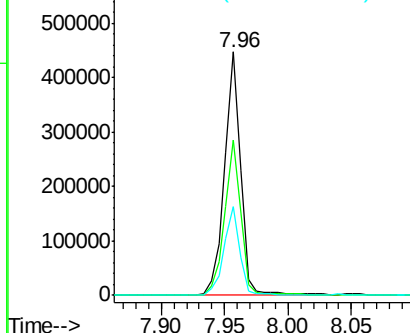
#29
2,4-Dichlorophenol
Concen: 43.571 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 401200
Ion Ratio Lower Upper
162 100
164 63.9 45.3 85.3
98 36.6 13.3 53.3

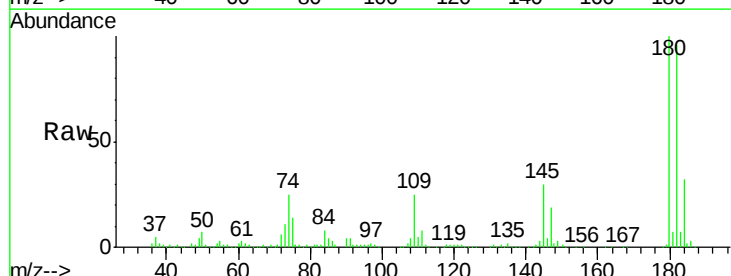


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

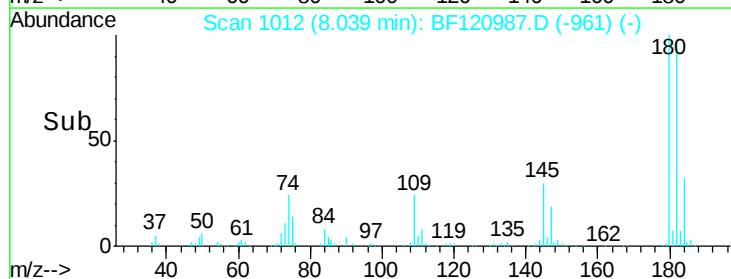
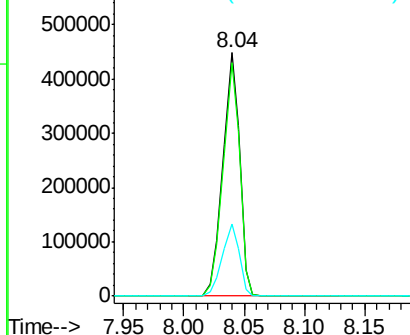


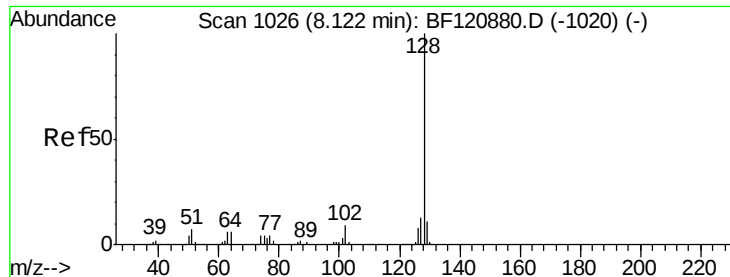
#30
1,2,4-Trichlorobenzene
Concen: 42.397 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:180 Resp: 433132
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.6
145 29.7 23.5 35.3



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

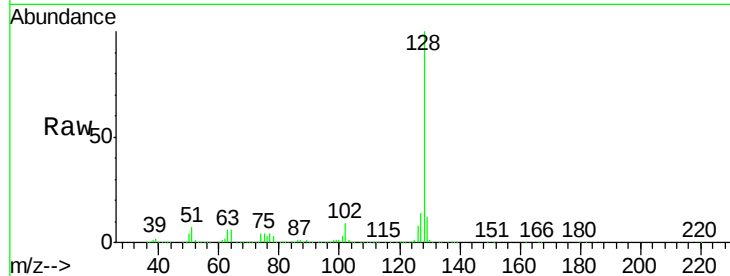




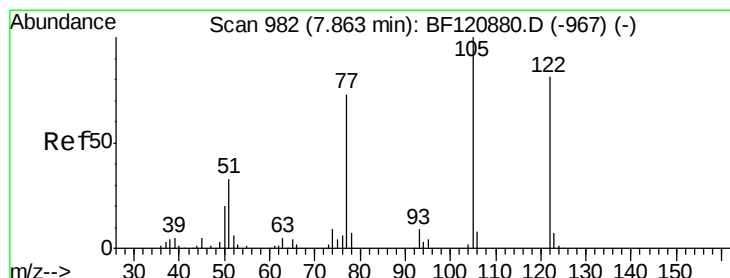
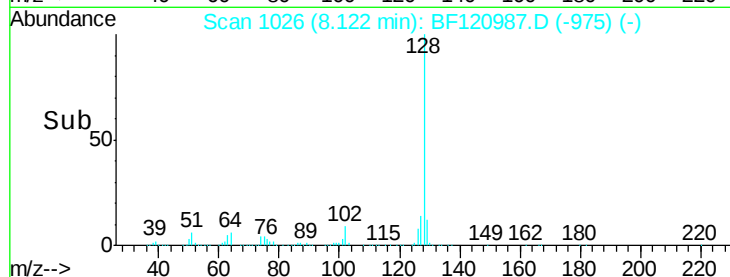
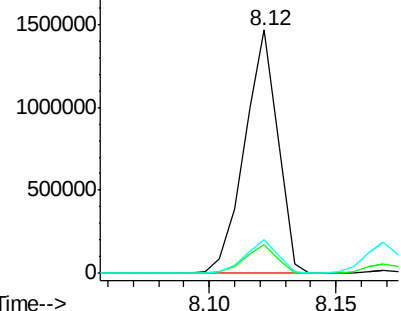
#31
Naphthalene
Concen: 41.347 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1330599
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.7 10.7 16.1

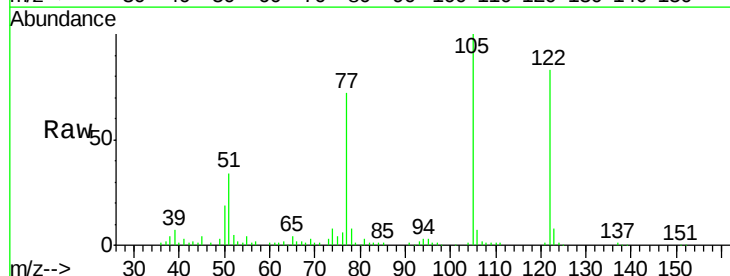


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

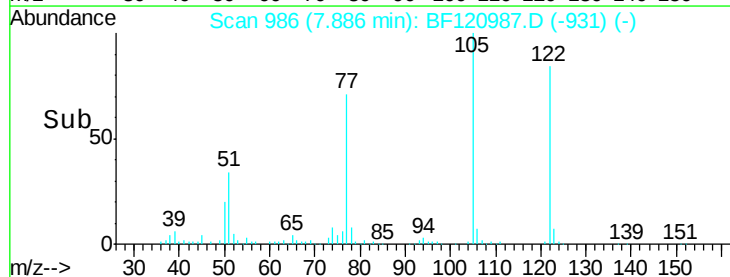
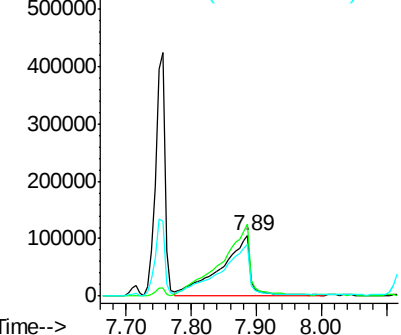


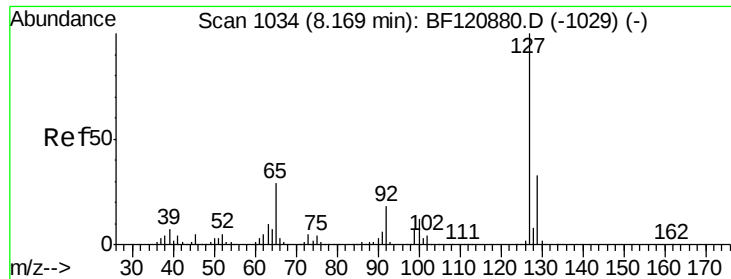
#32
Benzoic acid
Concen: 49.085 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:122 Resp: 332026
Ion Ratio Lower Upper
122 100
105 119.8 101.3 141.3
77 86.4 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

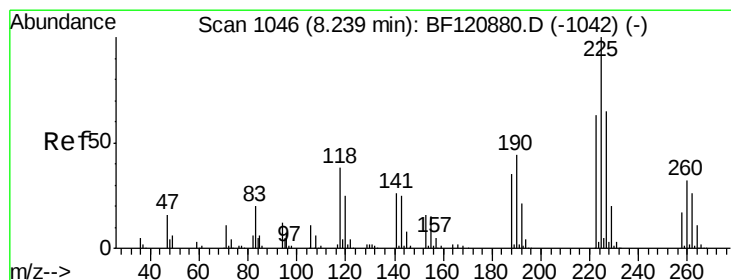
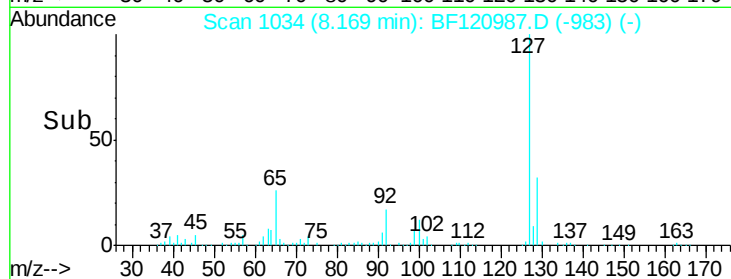
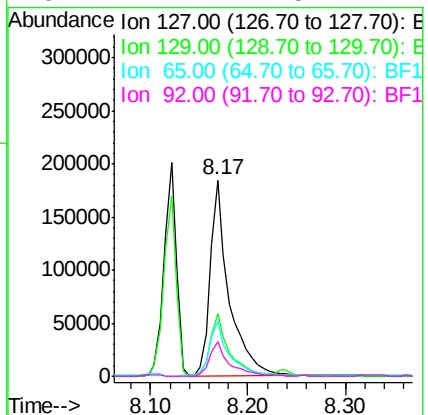
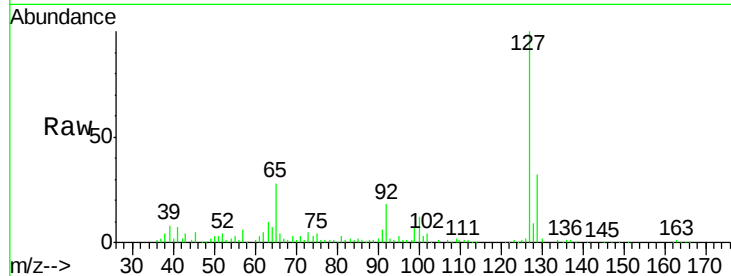




#33
4-Chloroaniline
Concen: 17.204 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

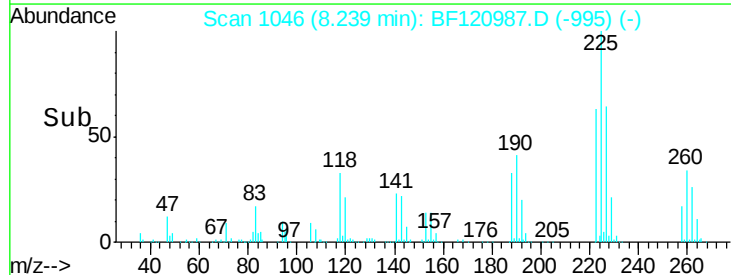
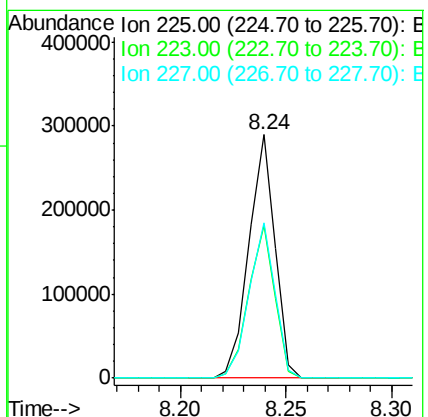
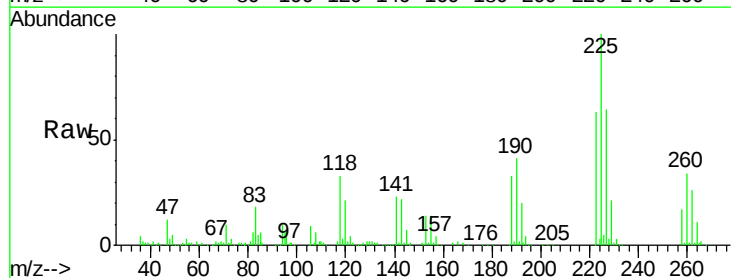
Instrument :
BNA_F
ClientSampleId :

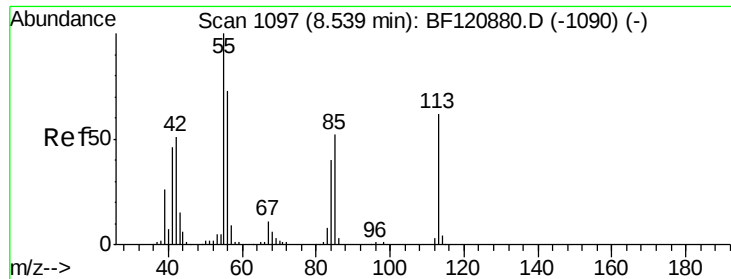
Tot Ion:	127	Resp:	246978
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	28.4	23.0	34.4
92	17.7	14.5	21.7



#34
Hexachlorobutadiene
Concen: 41.399 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:	225	Resp:	249321
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.0	52.2	78.2

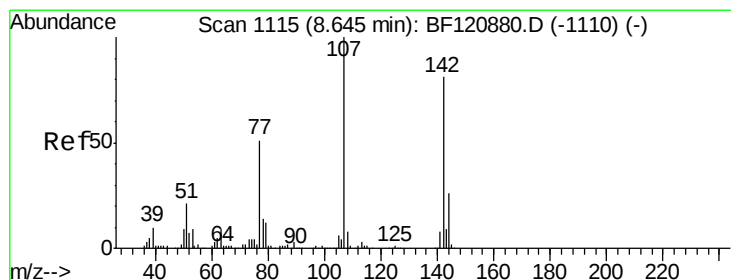
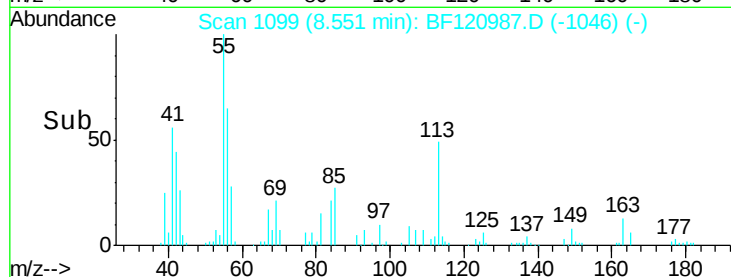
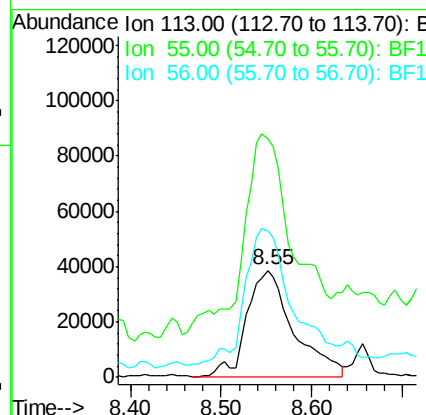
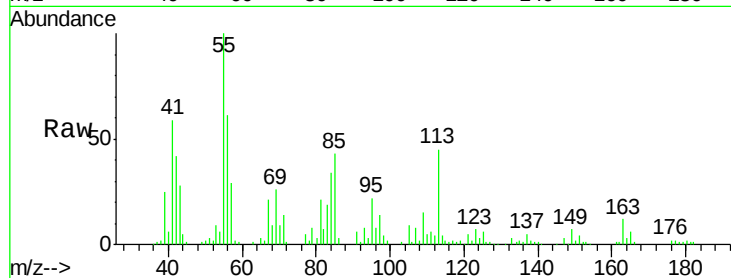




#35
Caprolactam
Concen: 46.263 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

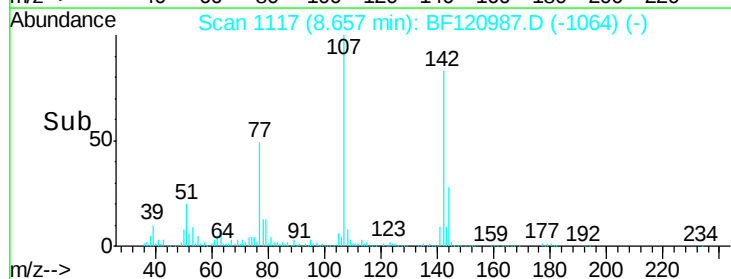
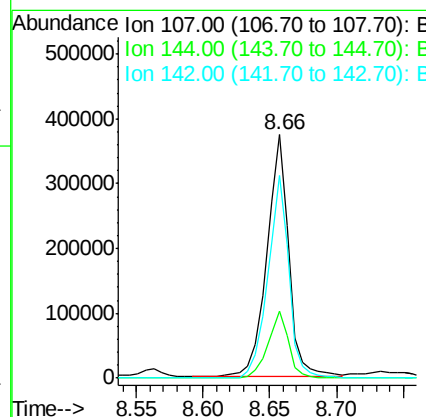
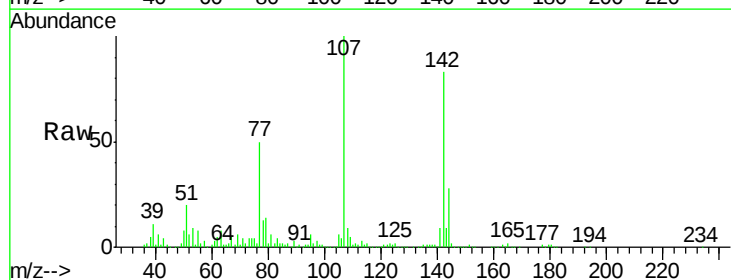
Instrument :
BNA_F
ClientSampled :

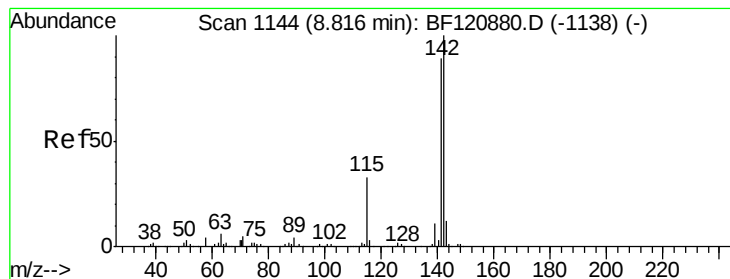
Tot Ion:113 Resp: 136608
Ion Ratio Lower Upper
113 100
55 222.5 143.3 183.3#
56 136.7 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 44.649 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:107 Resp: 421656
Ion Ratio Lower Upper
107 100
144 27.8 21.0 31.6
142 83.0 65.0 97.6





#37

2-Methylnaphthalene

Concen: 41.910 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

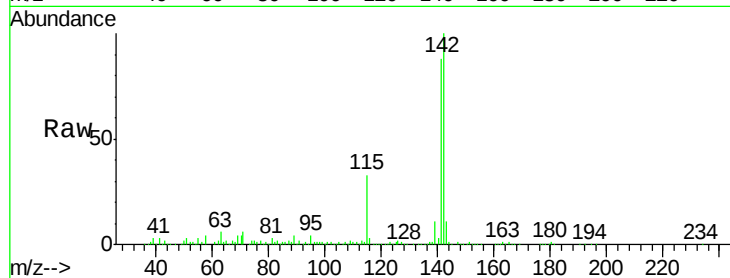
Tot Ion:142 Resp: 875725

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.4

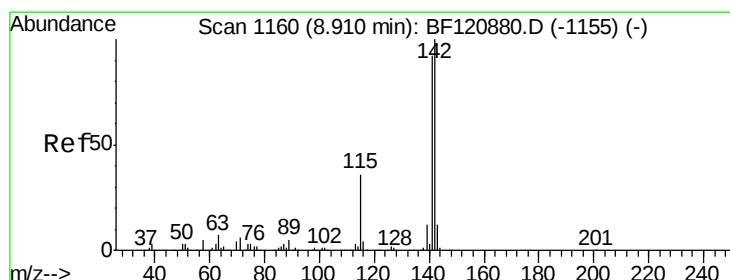
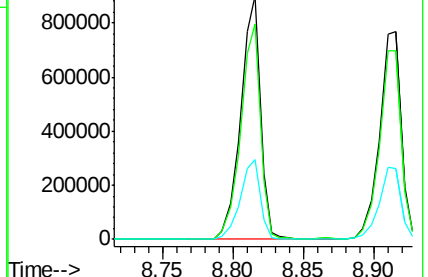
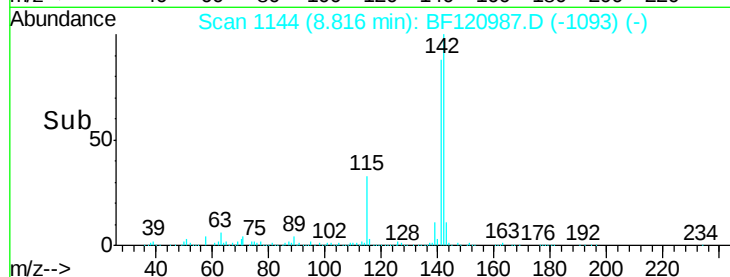
115 32.7 26.0 39.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.319 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

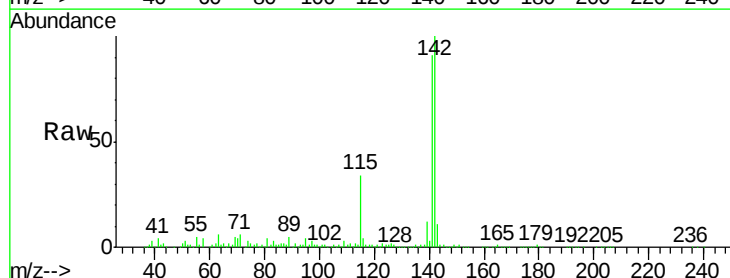
Tgt Ion:142 Resp: 817716

Ion Ratio Lower Upper

142 100

141 90.8 73.7 110.5

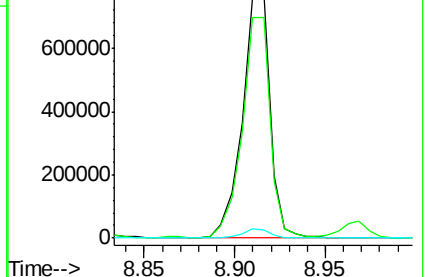
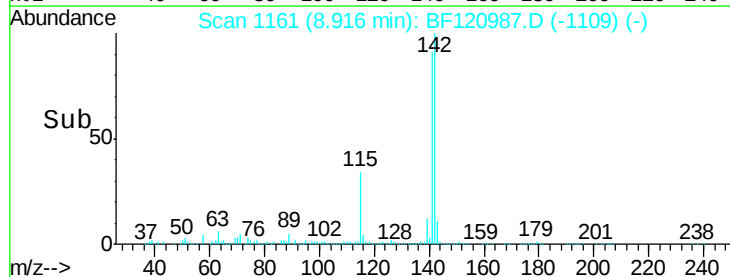
116 3.5 3.0 4.6

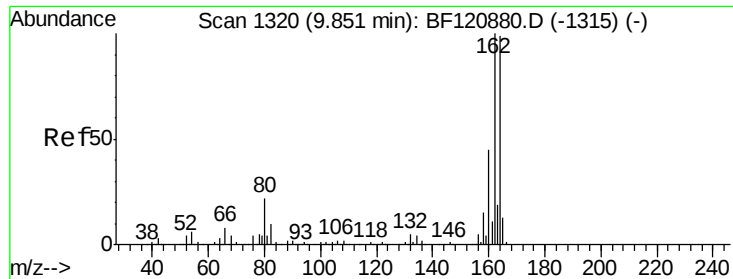


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

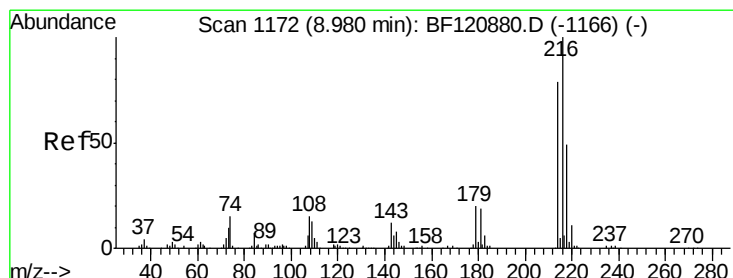
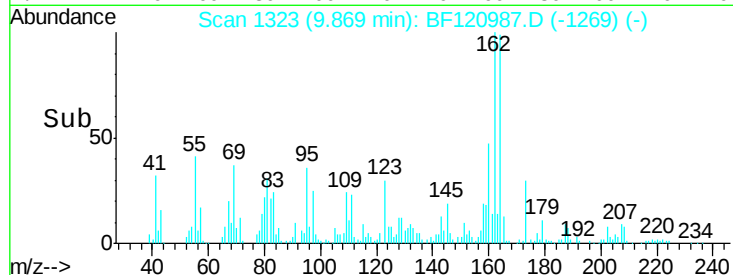
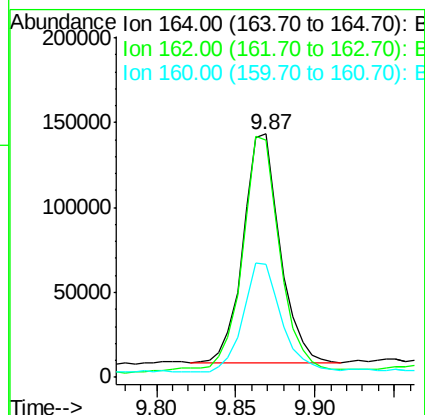
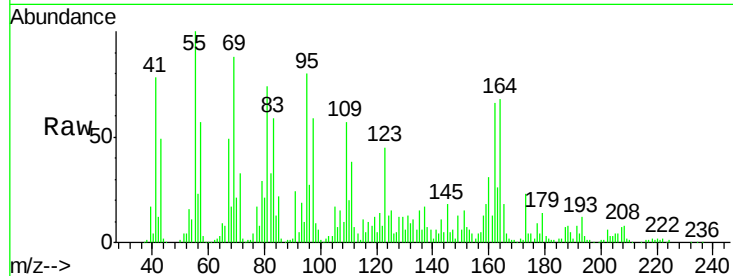




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

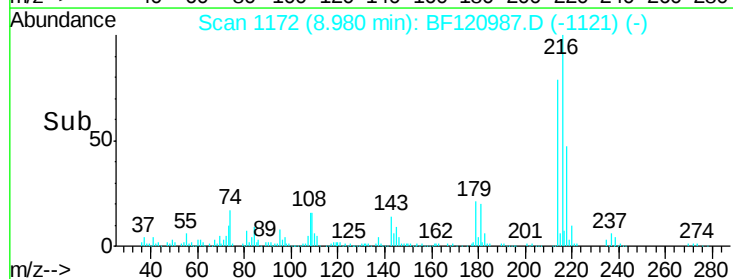
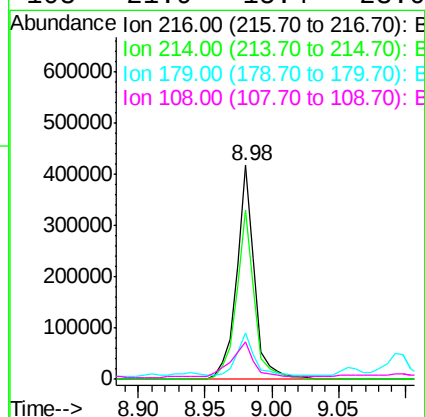
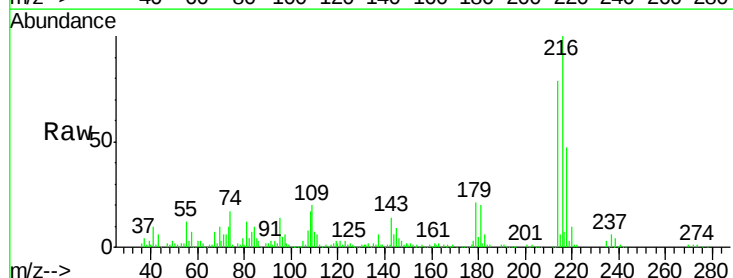
Instrument :
BNA_F
ClientSampleId :

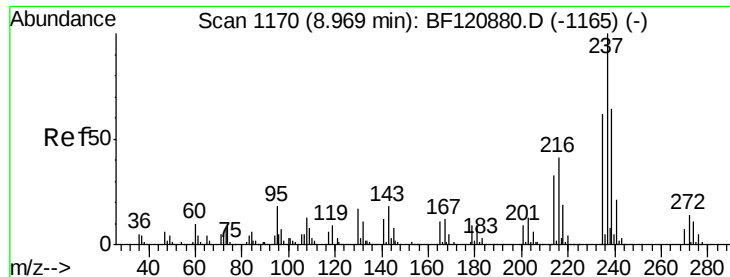
Tot Ion:164 Resp: 217265
Ion Ratio Lower Upper
164 100
162 97.6 81.2 121.8
160 46.4 36.9 55.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 61.508 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:216 Resp: 389357
Ion Ratio Lower Upper
216 100
214 79.1 63.8 95.8
179 19.5 16.6 24.8
108 21.9 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 118.842 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

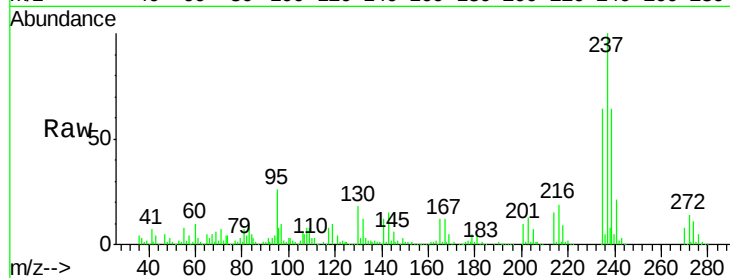
Tot Ion:237 Resp: 415774

Ion Ratio Lower Upper

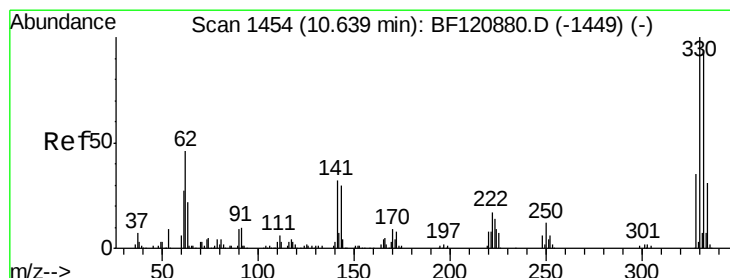
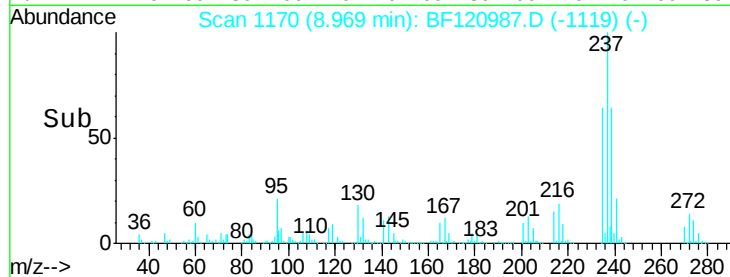
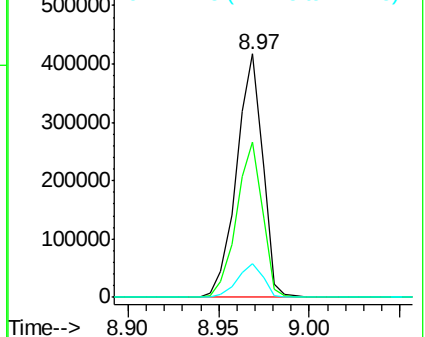
237 100

235 64.0 41.6 81.6

272 13.9 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: 110.464 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.02 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

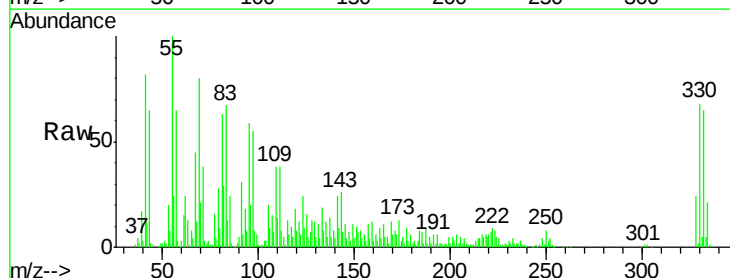
Tgt Ion:330 Resp: 262703

Ion Ratio Lower Upper

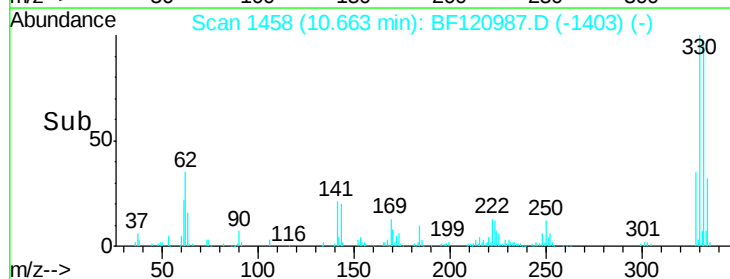
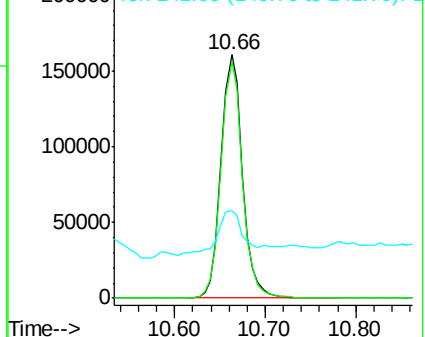
330 100

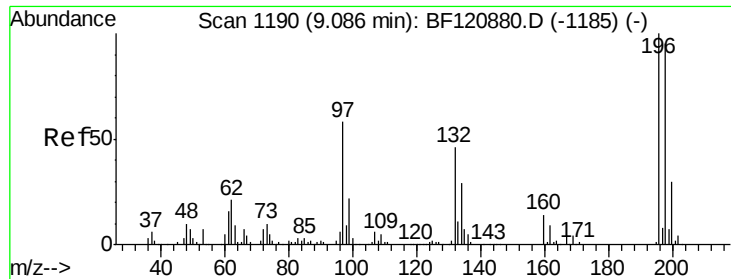
332 96.8 75.5 113.3

141 22.4 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

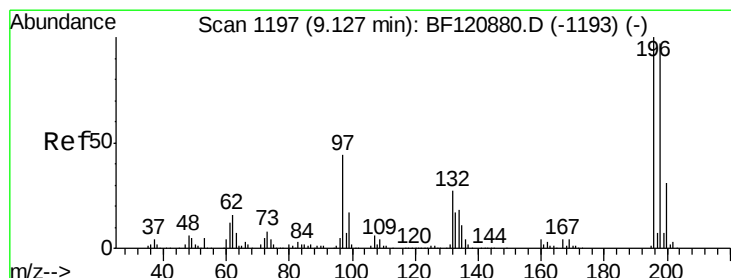
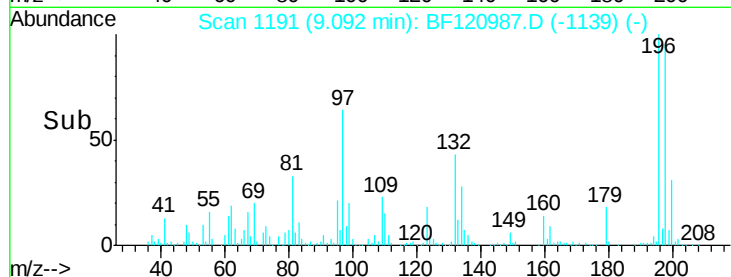
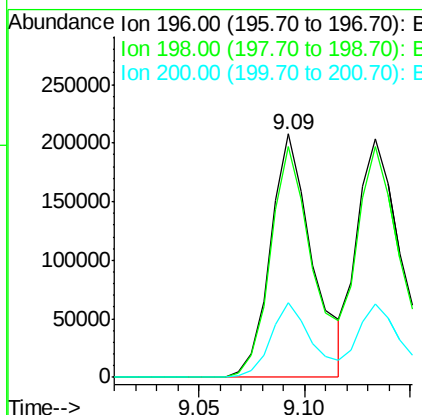
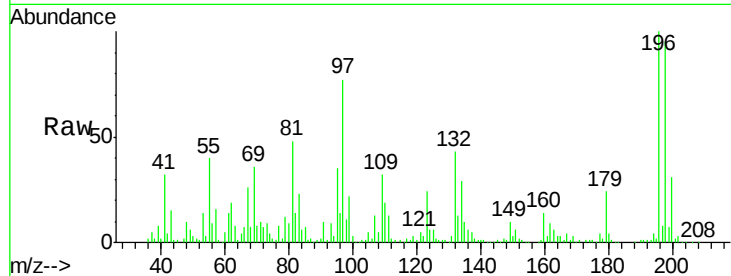




#43
 2,4,6-Trichlorophenol
 Concen: 63.912 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

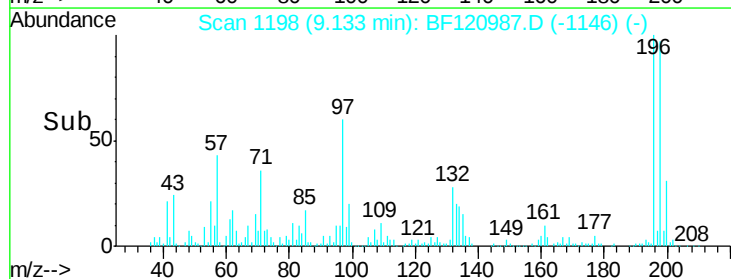
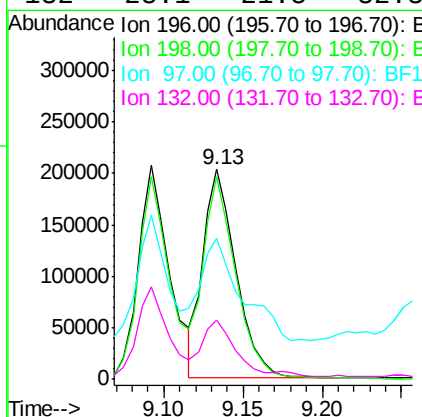
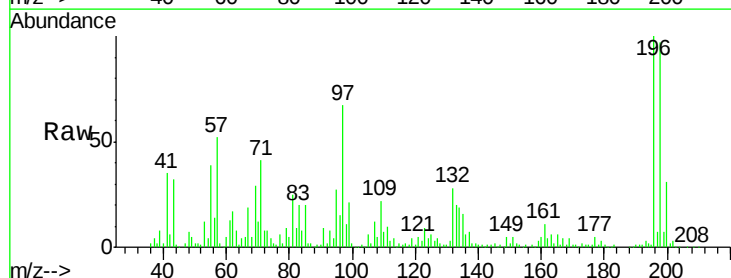
Instrument :
 BNA_F
 ClientSampleId :

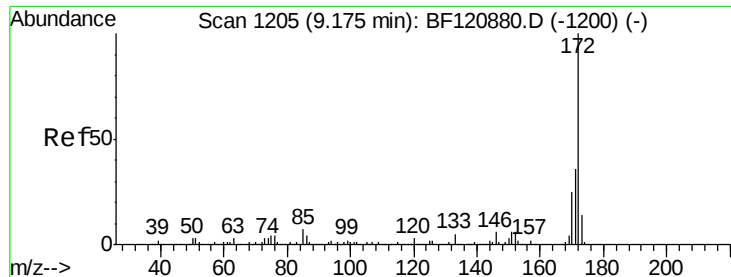
Tot Ion:196 Resp: 284858
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.8 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 58.114 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion:196 Resp: 293806
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.6 116.4
 97 67.1 35.6 53.4#
 132 28.1 21.5 32.3



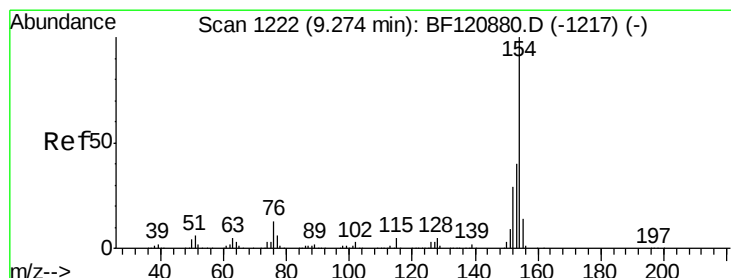
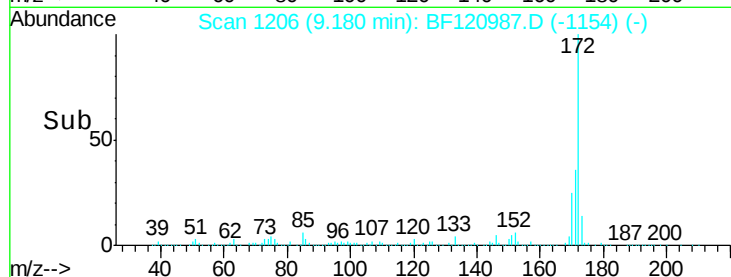
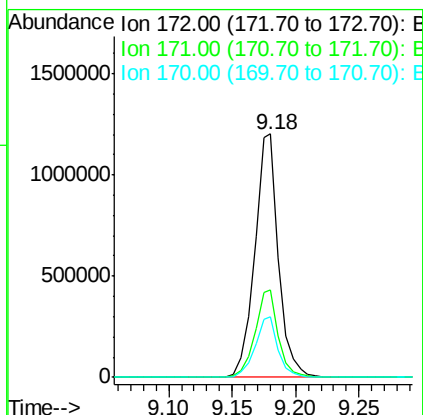
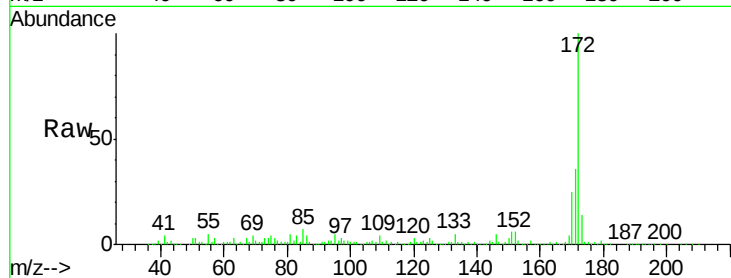


#45
 2-Fluorobiphenyl
 Concen: 107.796 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1568631

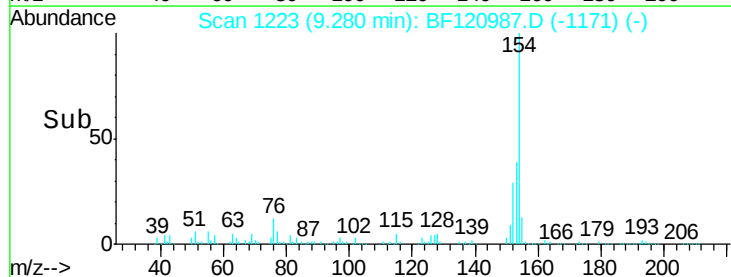
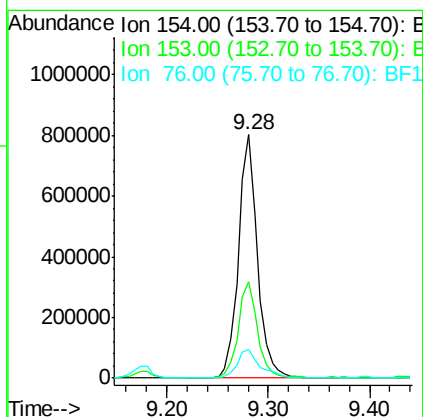
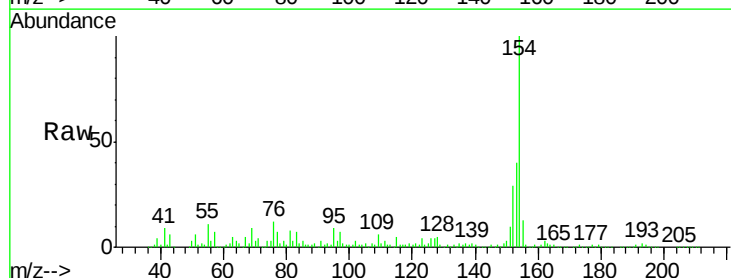
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.8	19.6	29.4

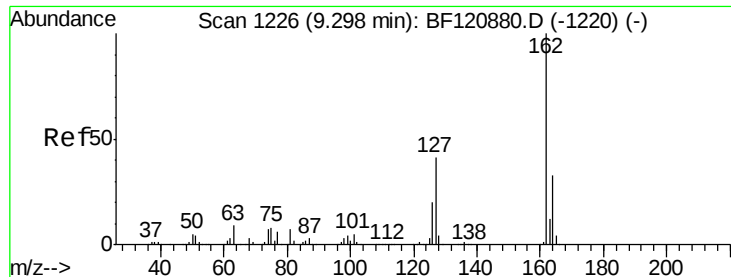


#46
 1,1'-Biphenyl
 Concen: 62.424 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion:154 Resp: 1034550

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.4	60.4
76	11.9	0.0	33.1

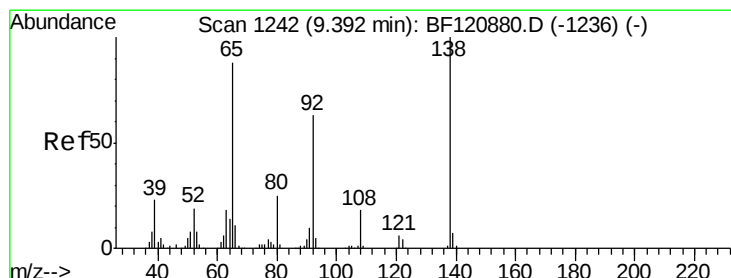
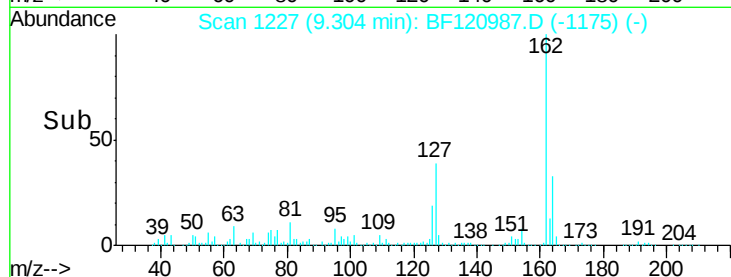
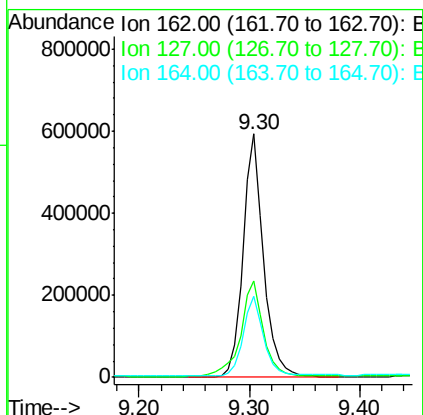
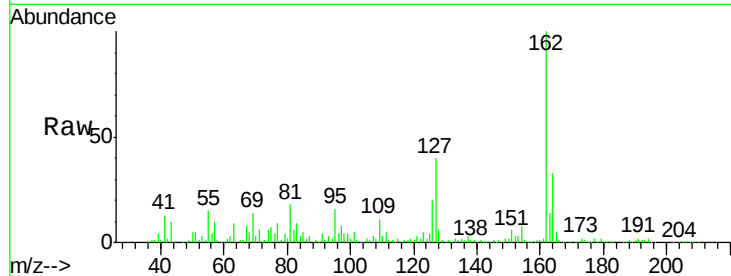




#47
 2-Chloronaphthalene
 Concen: 56.610 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

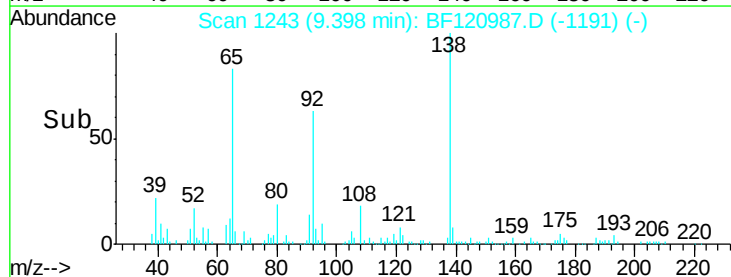
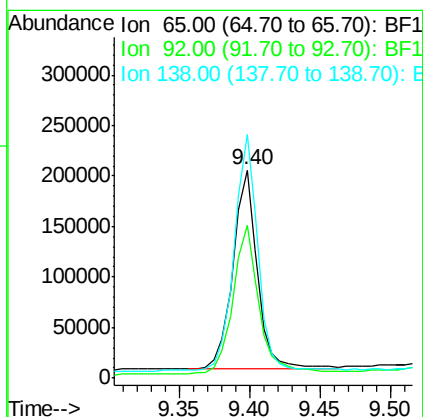
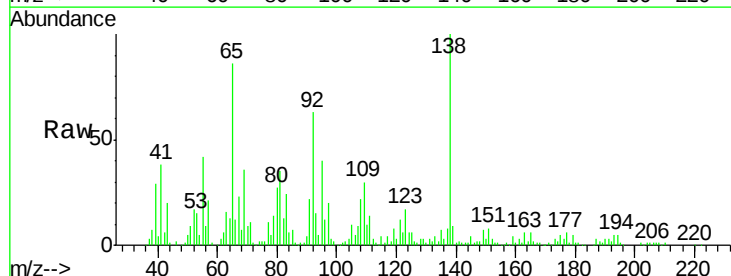
Instrument :
 BNA_F
 ClientSampleId :

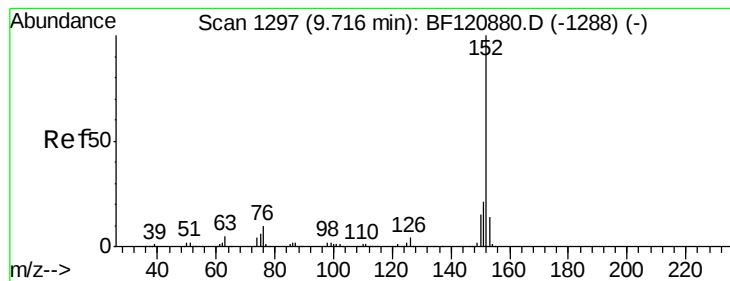
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.3	49.9
164	33.4	26.6	39.8



#48
 2-Nitroaniline
 Concen: 58.619 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	57.0	85.4
138	116.9	90.4	135.6





#49

Acenaphthylene

Concen: 53.205 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

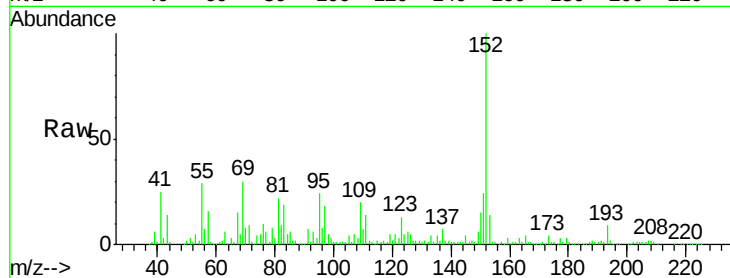
Tot Ion:152 Resp: 1116844

Ion Ratio Lower Upper

152 100

151 23.6 16.6 25.0

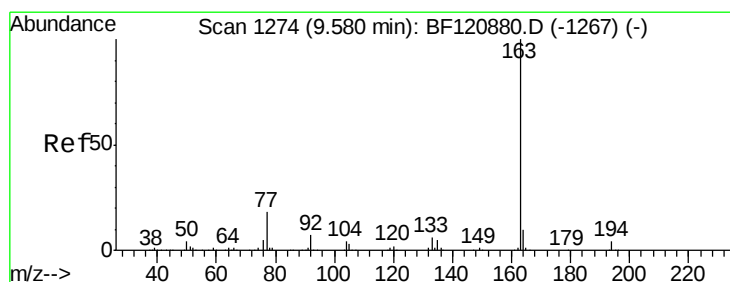
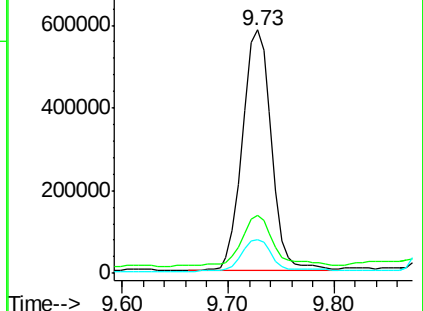
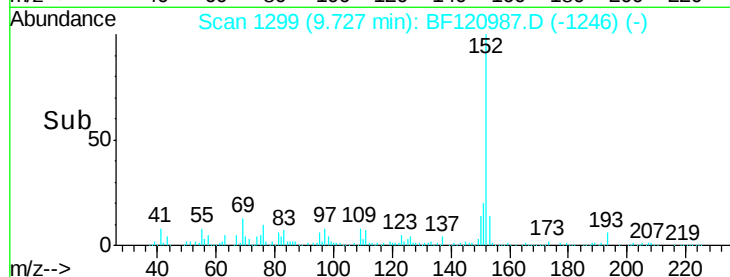
153 14.1 10.9 16.3



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: 63.704 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

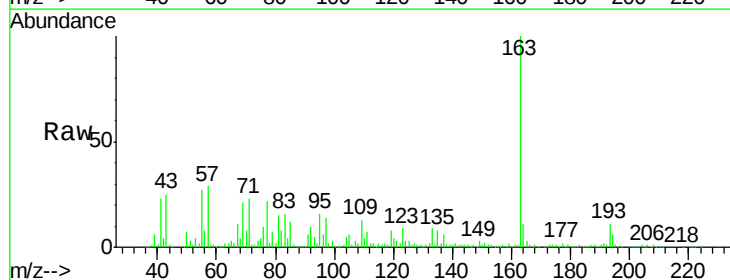
Tgt Ion:163 Resp: 998522

Ion Ratio Lower Upper

163 100

194 6.1 3.2 4.8#

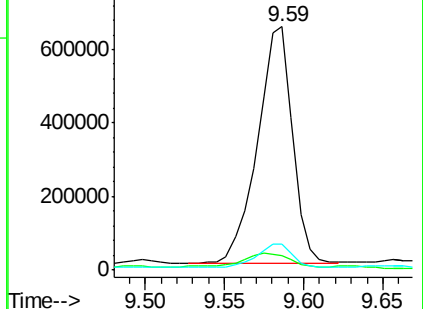
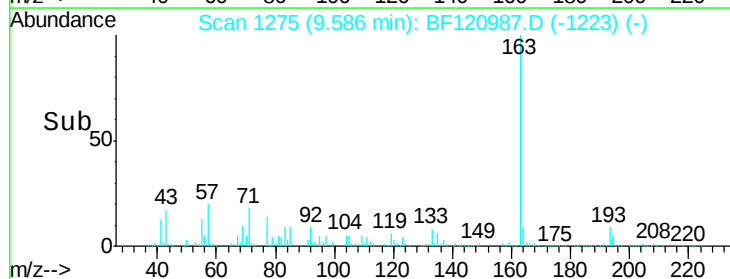
164 10.8 7.9 11.9

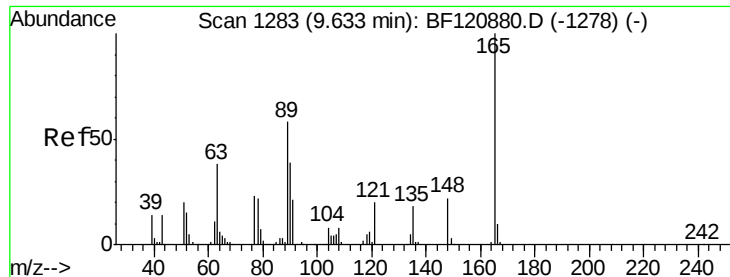


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

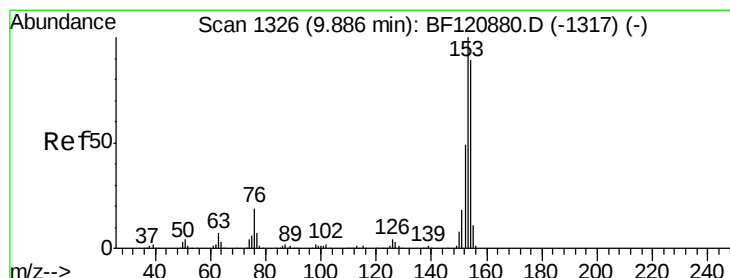
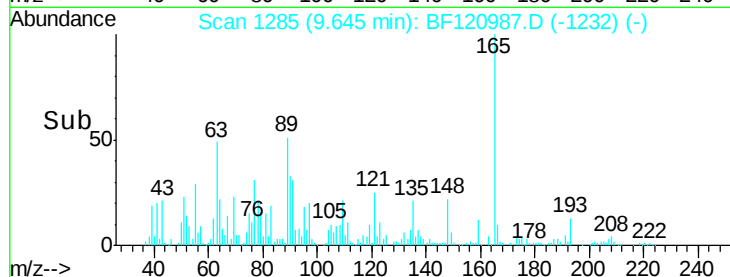
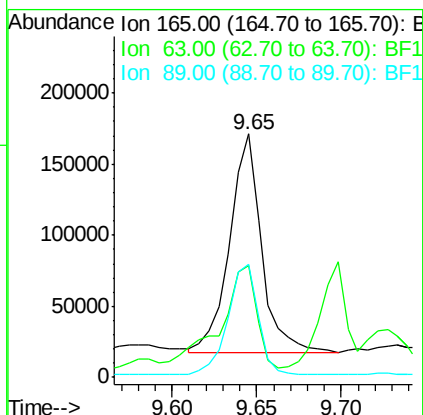
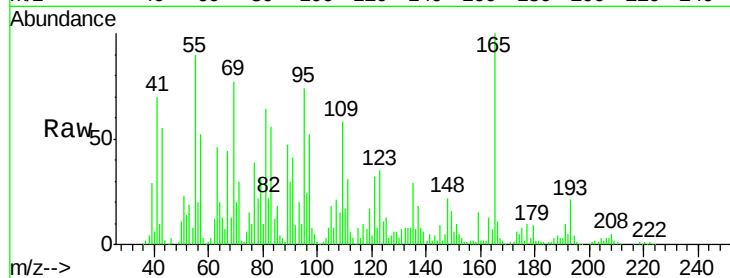




#51
 2,6-Dinitrotoluene
 Concen: 59.532 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

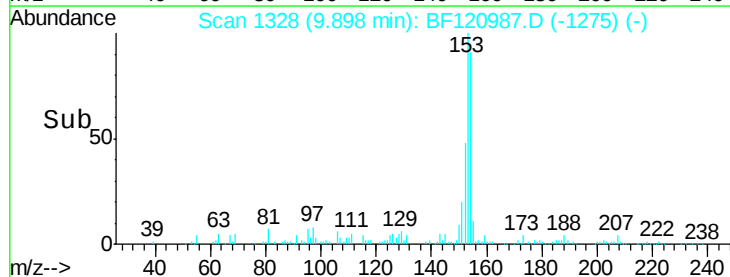
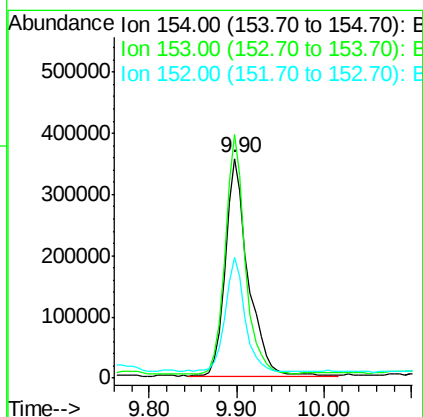
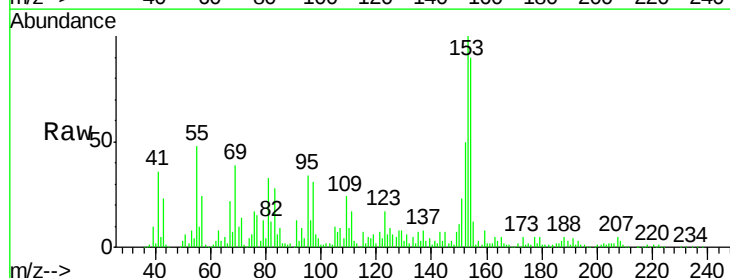
Instrument :
 BNA_F
 ClientSampled :

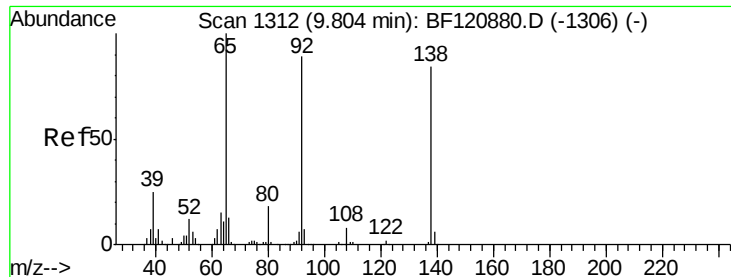
Tot Ion:165 Resp: 200472
 Ion Ratio Lower Upper
 165 100
 63 45.7 45.4 68.2
 89 46.7 47.0 70.4#



#52
 Acenaphthene
 Concen: 47.504 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion:154 Resp: 633976
 Ion Ratio Lower Upper
 154 100
 153 110.8 89.5 134.3
 152 54.9 44.2 66.2

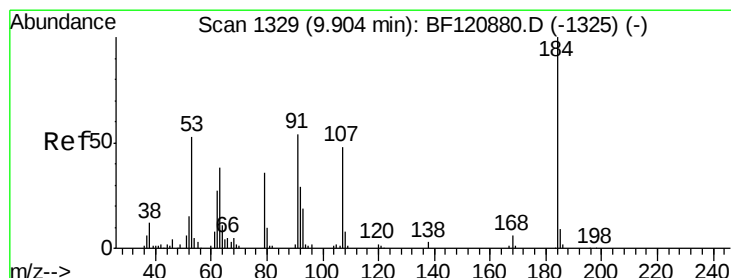
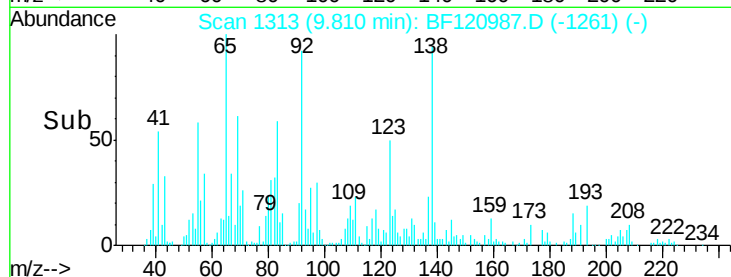
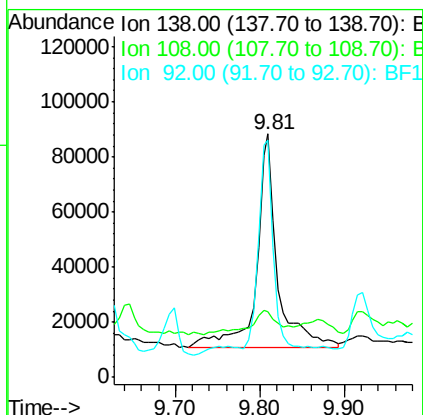
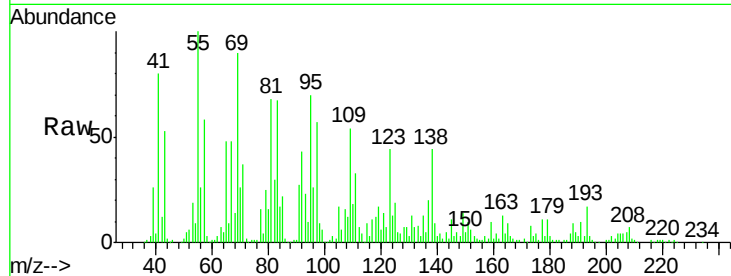




#53
 3-Nitroaniline
 Concen: 32.215 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

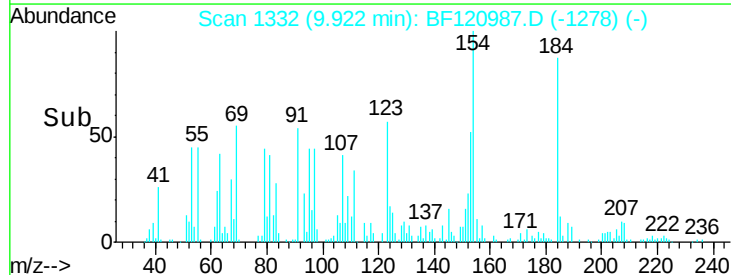
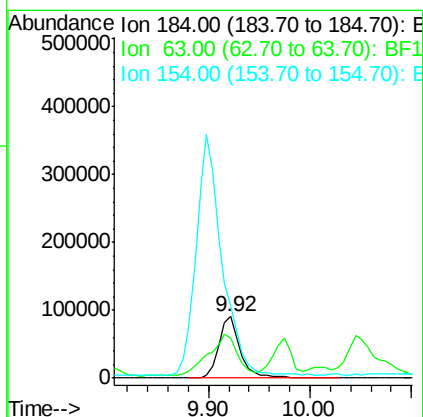
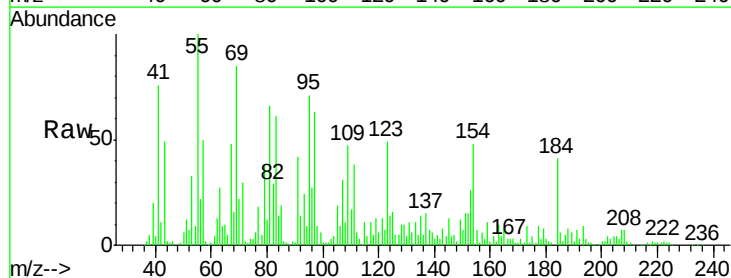
Instrument :
 BNA_F
 ClientSampleId :

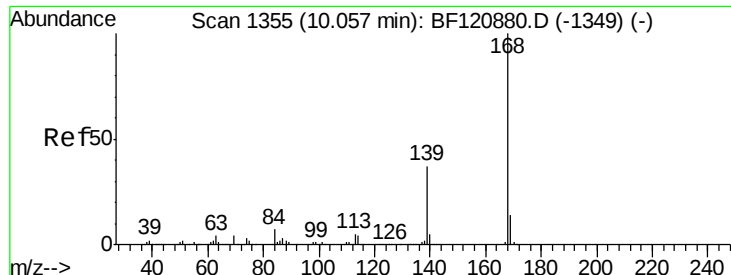
Tot Ion:138 Resp: 136060
 Ion Ratio Lower Upper
 138 100
 108 26.8 7.9 11.9#
 92 97.4 85.3 127.9



#54
 2,4-Dinitrophenol
 Concen: 69.701 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion:184 Resp: 133238
 Ion Ratio Lower Upper
 184 100
 63 64.8 57.9 86.9
 154 116.9 52.6 78.8#





#55

Dibenzofuran

Concen: 40.457 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.02 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampled :

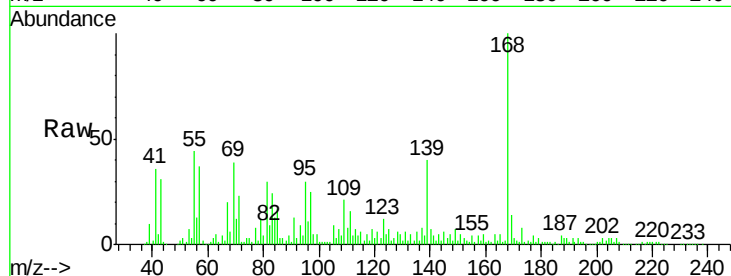
Tot Ion:168 Resp: 780775

Ion Ratio Lower Upper

168 100

139 39.7 29.7 44.5

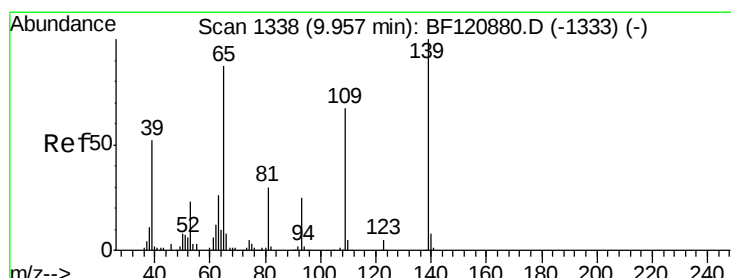
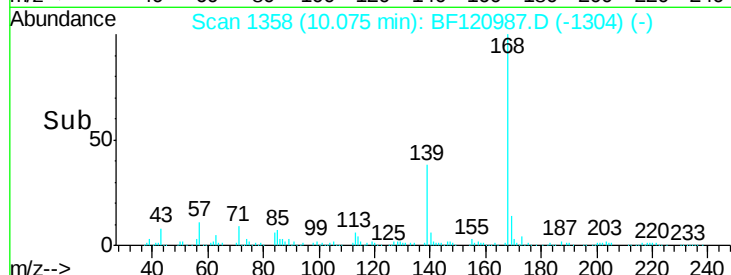
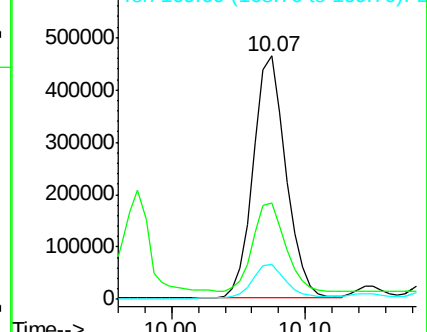
169 14.3 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 80.474 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.02 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

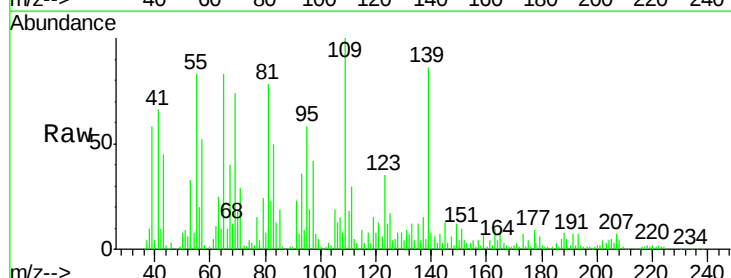
Tgt Ion:139 Resp: 258180

Ion Ratio Lower Upper

139 100

109 116.0 47.3 87.3#

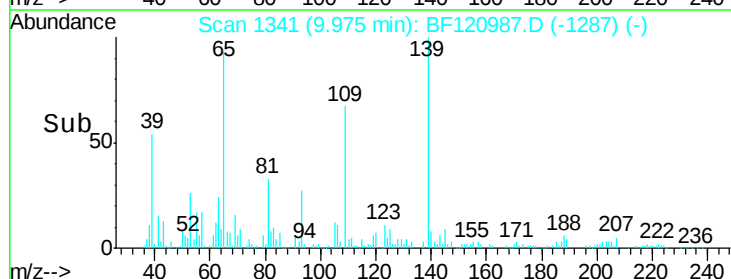
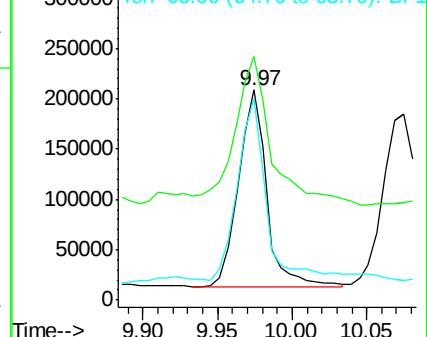
65 95.9 67.2 107.2

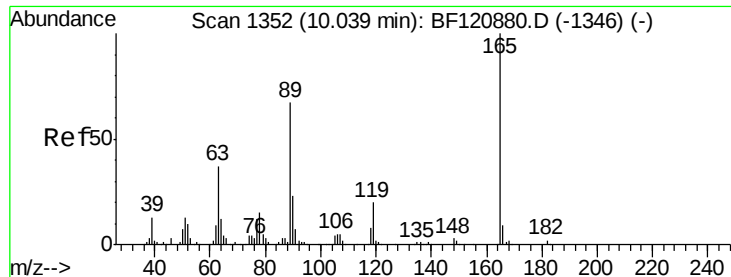


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 42.439 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 187676

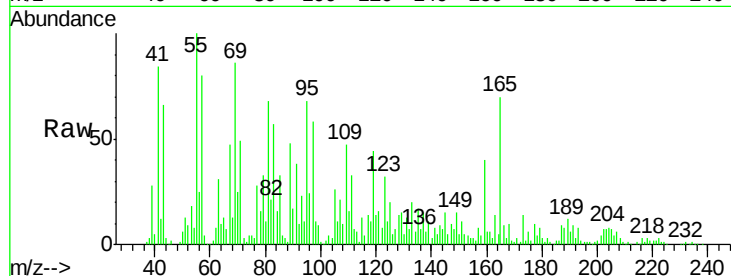
Ion Ratio Lower Upper

165 100

63 43.6 29.4 44.2

89 67.4 53.4 80.0

182 4.2 1.8 2.6#

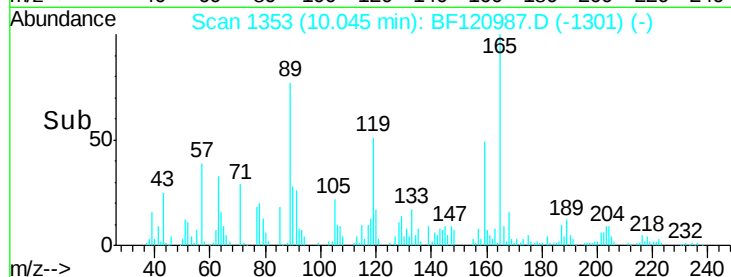


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Abundance

10.05

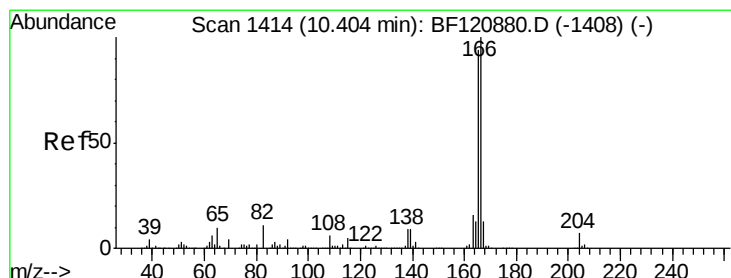
150000

100000

50000

0

Time-->



#58

Fluorene

Concen: 30.502 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

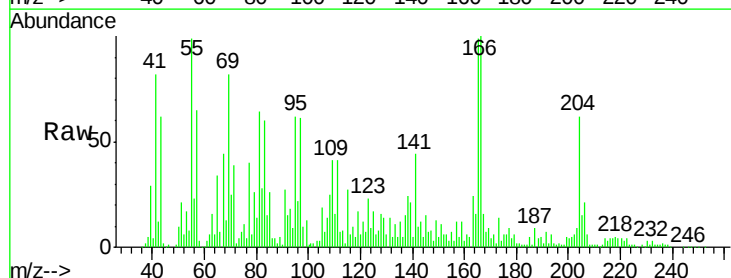
Tgt Ion:166 Resp: 439030

Ion Ratio Lower Upper

166 100

165 98.9 75.4 113.0

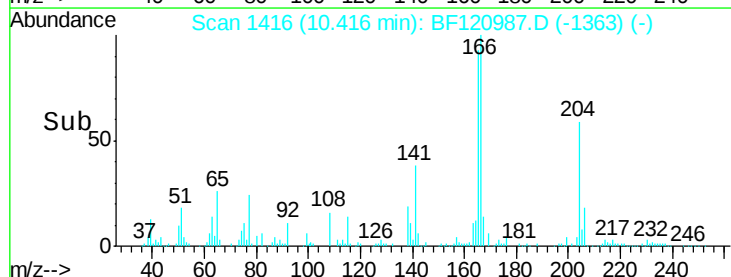
167 16.4 10.6 15.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Abundance

10.42

300000

250000

200000

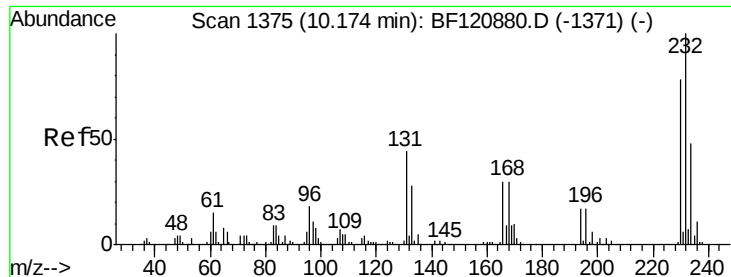
150000

100000

50000

0

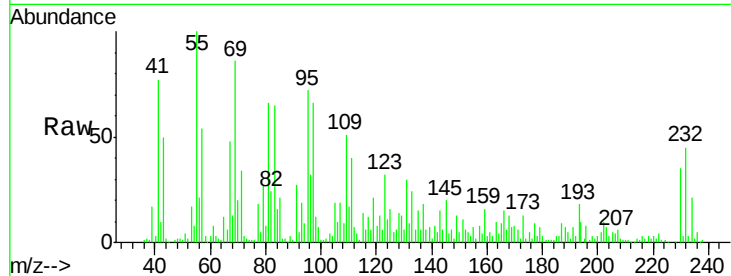
Time-->



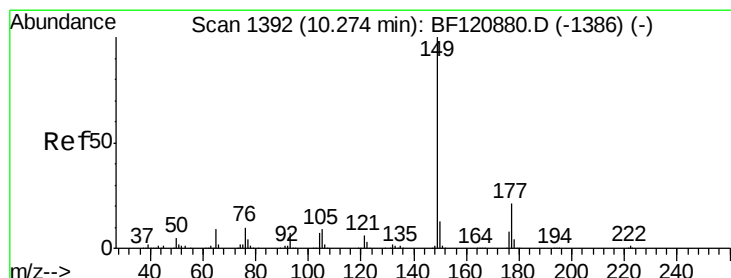
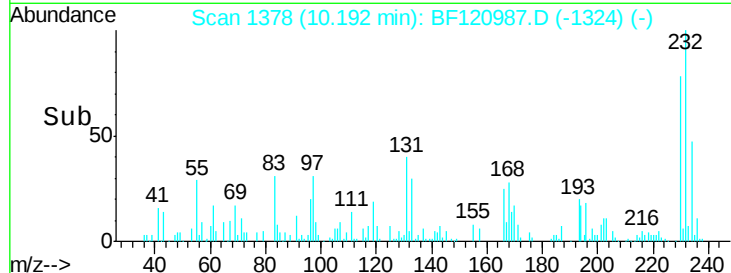
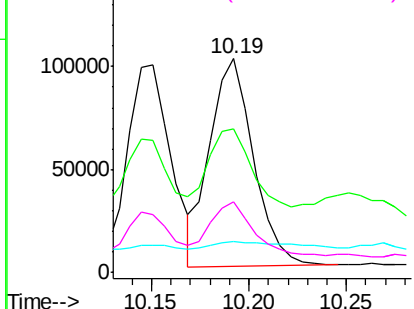
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.876 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.02 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 157346
 Ion Ratio Lower Upper
 232 100
 131 45.9 37.1 55.7
 130 6.0 1.7 2.5#
 166 24.9 24.2 36.4

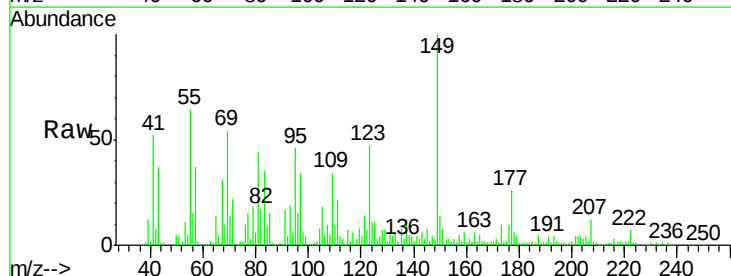


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

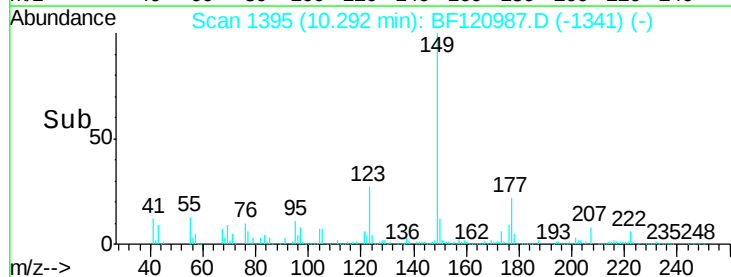
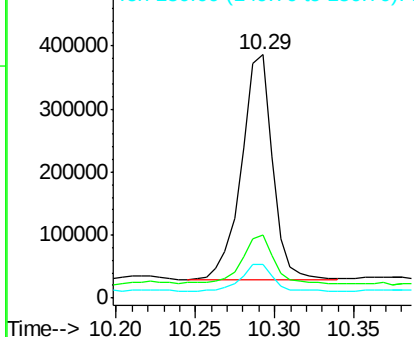


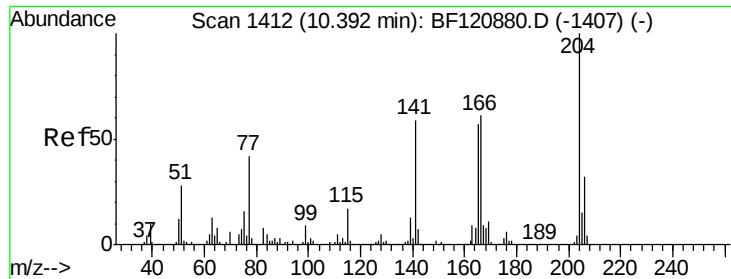
#60
 Diethylphthalate
 Concen: 30.832 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.02 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion:149 Resp: 488816
 Ion Ratio Lower Upper
 149 100
 177 25.7 17.1 25.7#
 150 14.0 10.3 15.5



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

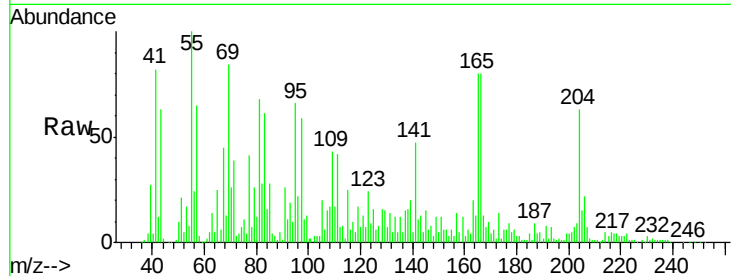




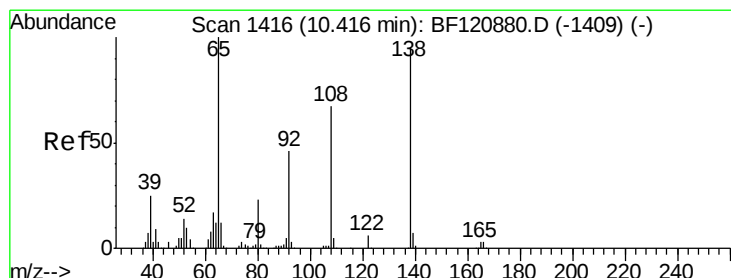
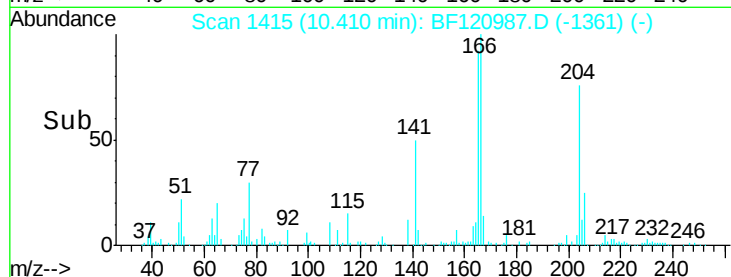
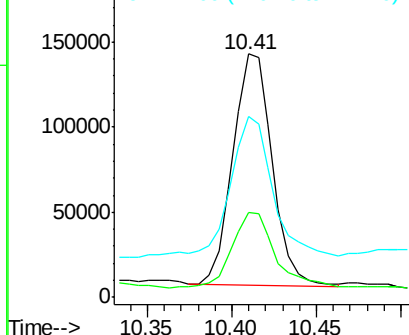
#61
4-Chlorophenyl-phenylether
Concen: 28.671 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 220114
Ion Ratio Lower Upper
204 100
206 34.8 25.9 38.9
141 74.3 47.2 70.8#

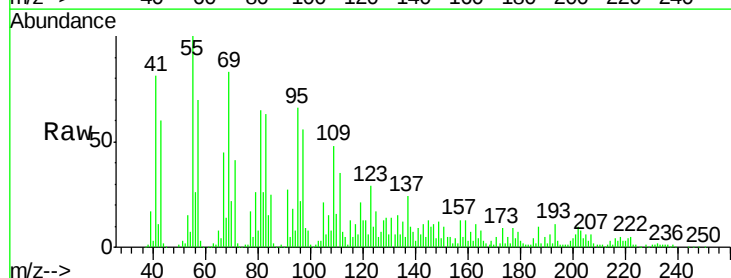


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

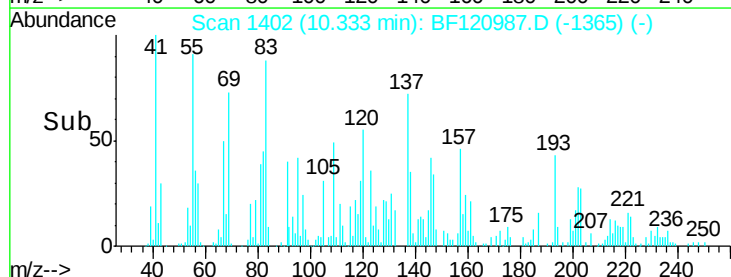
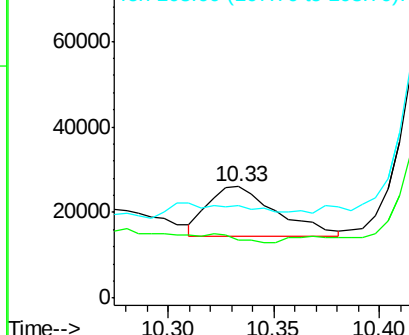


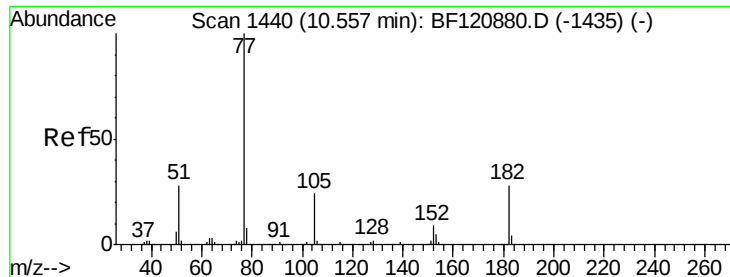
#62
4-Nitroaniline
Concen: 6.324 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.08 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:138 Resp: 26017
Ion Ratio Lower Upper
138 100
92 52.1 28.6 68.6
108 83.0 51.1 91.1



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

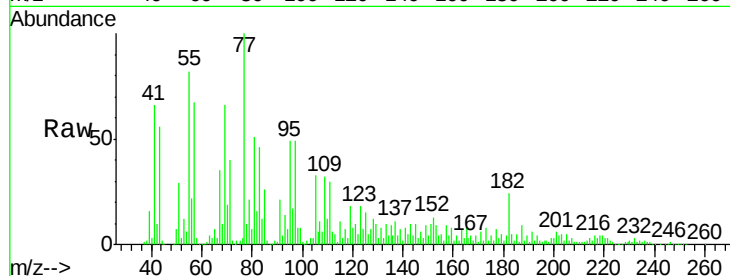




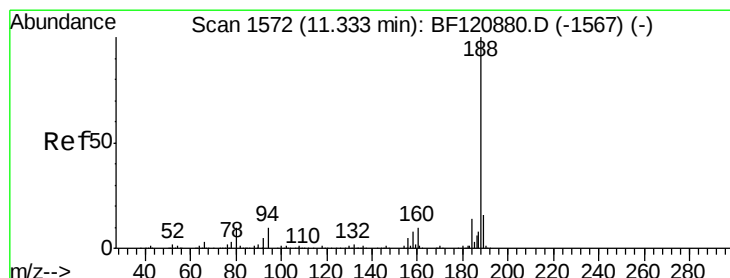
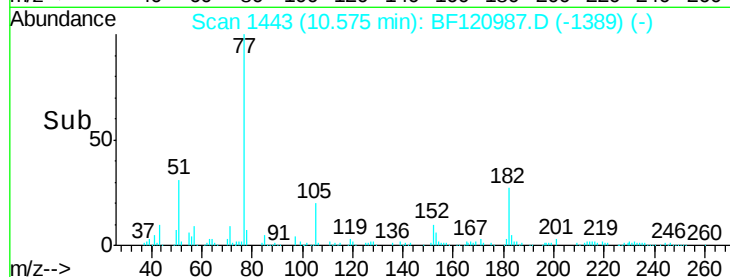
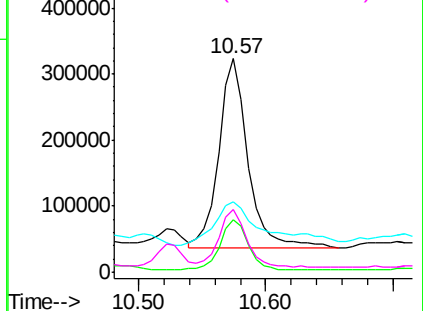
#63
Azobenzene
Concen: 30.630 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	462316
Ion	Ratio	Lower	Upper
77	100		
182	24.4	7.8	47.8
105	33.2	4.4	44.4
51	29.2	8.0	48.0

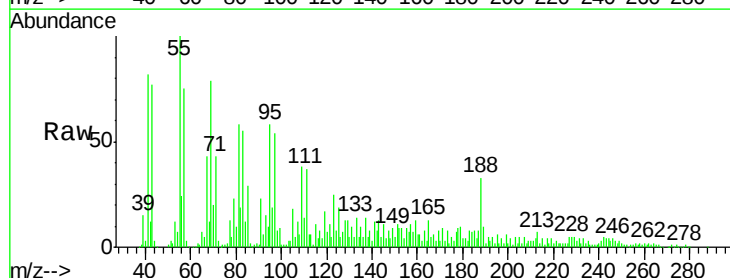


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

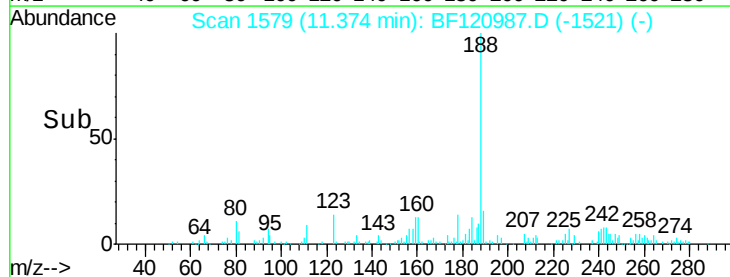
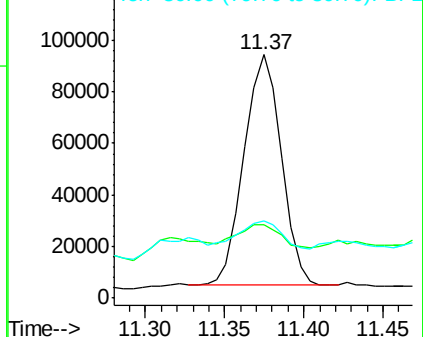


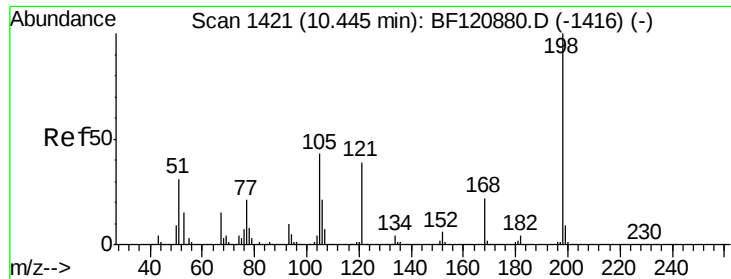
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.04 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:	188	Resp:	146938
Ion	Ratio	Lower	Upper
188	100		
94	30.0	8.0	12.0#
80	31.7	8.3	12.5#



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





#65

4,6-Dinitro-2-methylphenol

Concen: 77.649 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

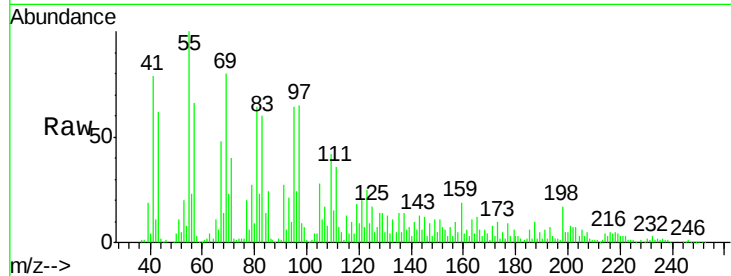
Tot Ion:198 Resp: 68228

Ion Ratio Lower Upper

198 100

51 65.2 19.5 59.5#

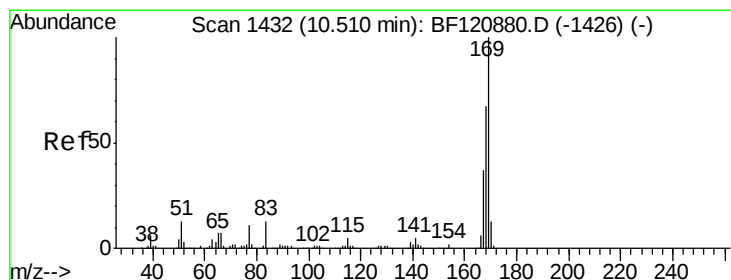
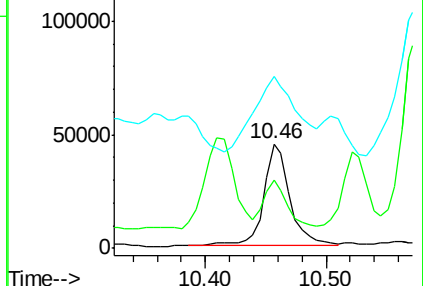
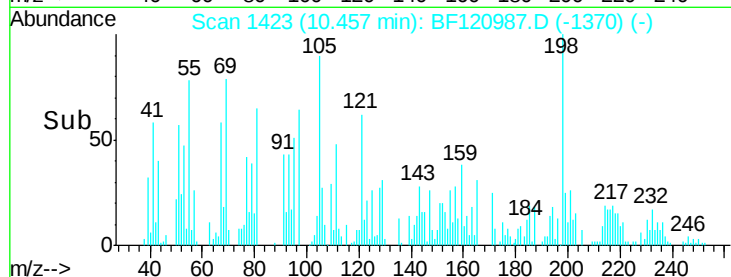
105 164.8 24.4 64.4#



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: 83.794 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.02 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

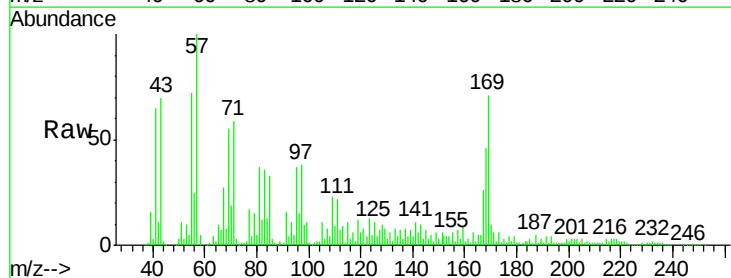
Tgt Ion:169 Resp: 387327

Ion Ratio Lower Upper

169 100

168 63.8 53.4 80.0

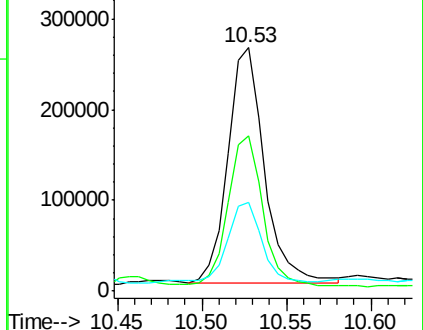
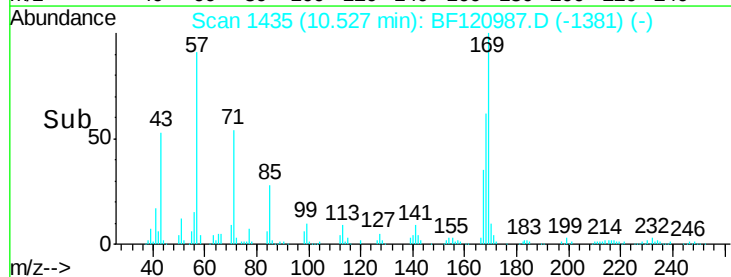
167 36.6 29.4 44.0

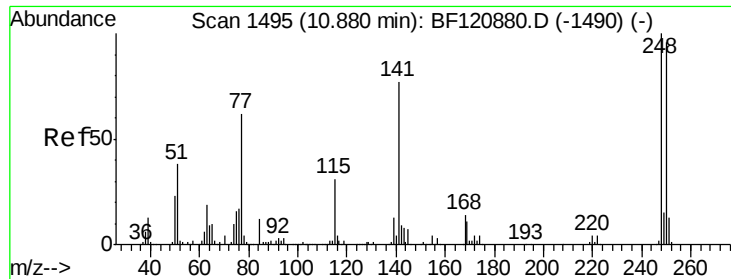


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

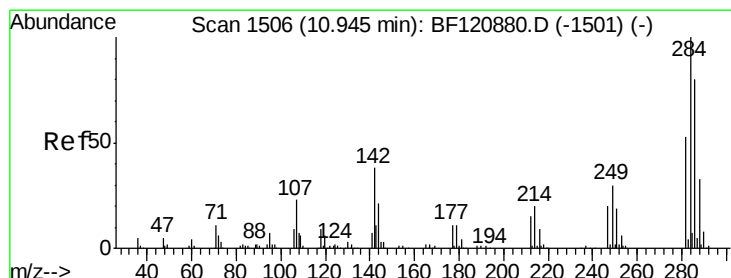
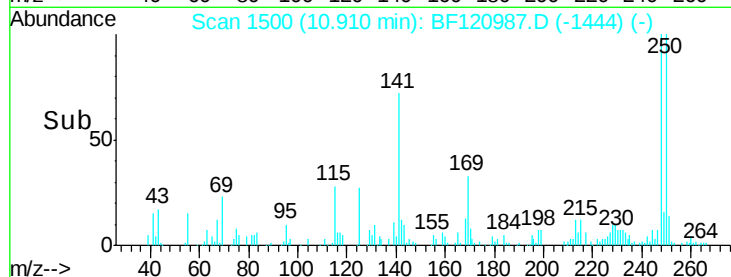
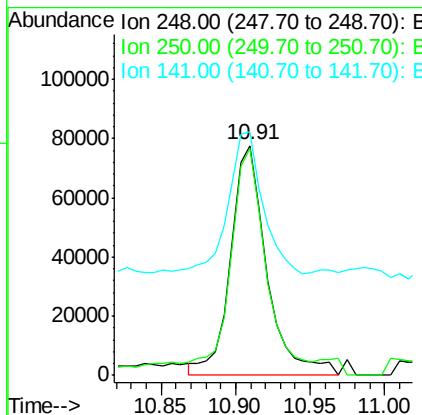
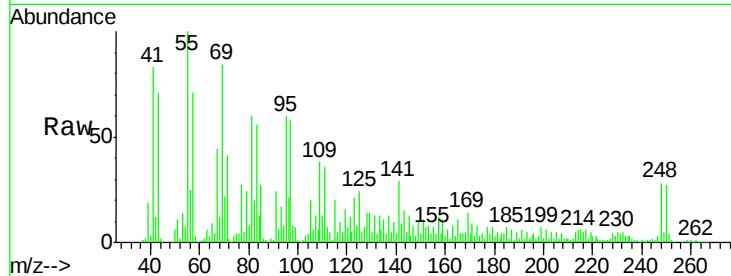




#67
 4-Bromophenyl-phenylether
 Concen: 80.786 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. 0.03 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

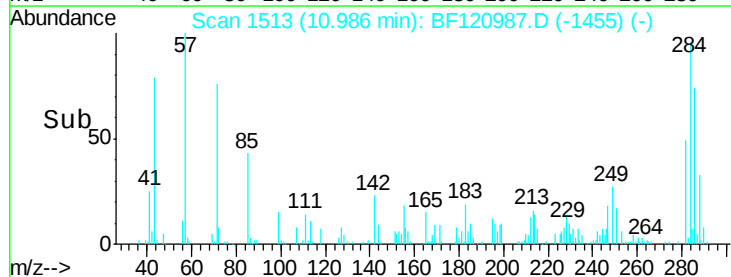
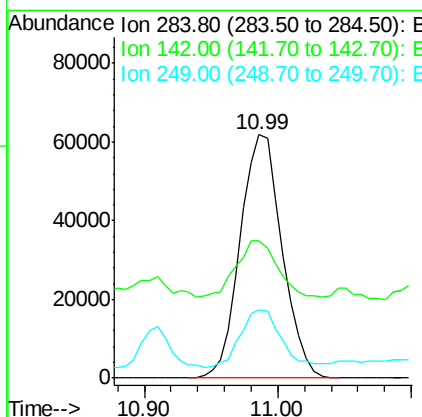
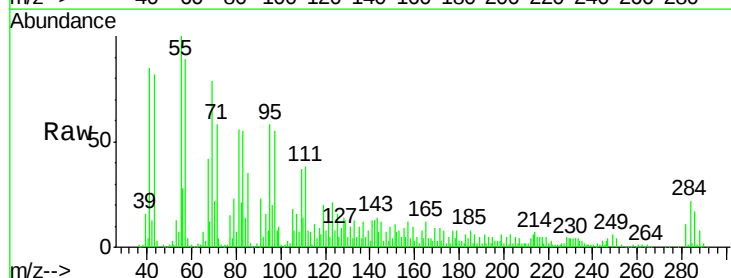
Instrument :
 BNA_F
 ClientSampleId :

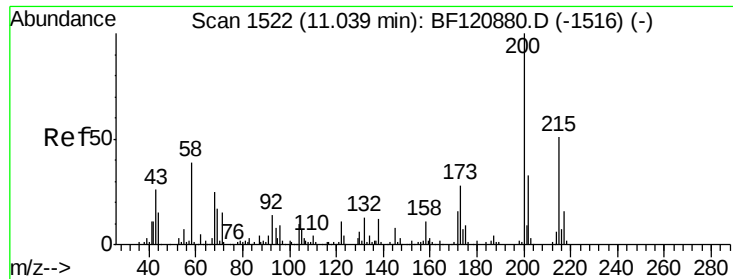
Tot Ion:248 Resp: 132347
 Ion Ratio Lower Upper
 248 100
 250 98.9 77.1 115.7
 141 105.8 61.2 91.8#



#68
 Hexachlorobenzene
 Concen: 75.693 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.04 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion:284 Resp: 134140
 Ion Ratio Lower Upper
 284 100
 142 56.7 30.2 45.2#
 249 27.8 24.2 36.2





#69

Atrazine

Concen: 77.335 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.03 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

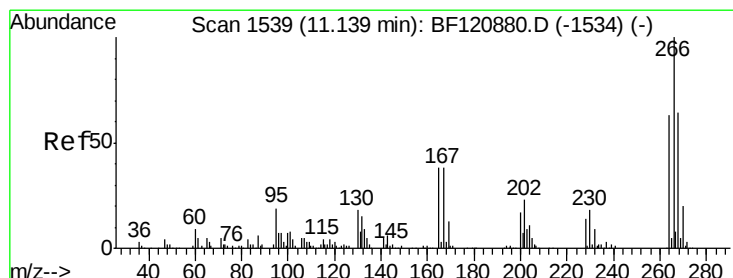
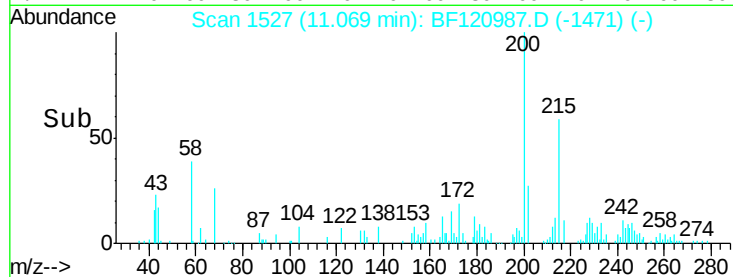
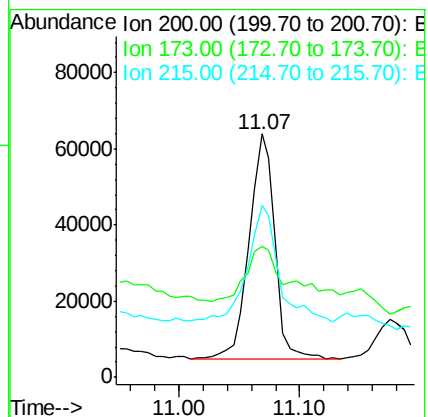
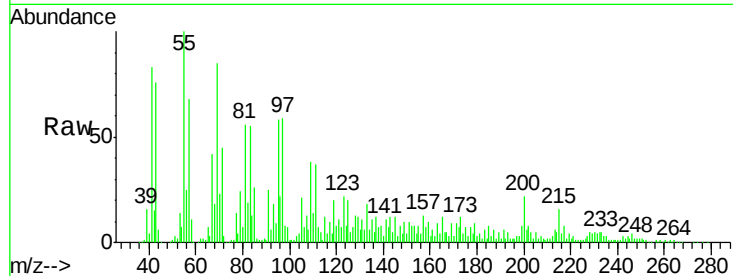
Tot Ion:200 Resp: 88530

Ion Ratio Lower Upper

200 100

173 53.7 8.0 48.0#

215 70.8 31.5 71.5



#70

Pentachlorophenol

Concen: 140.488 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.04 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

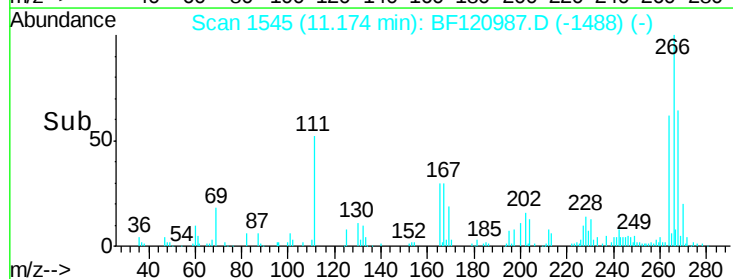
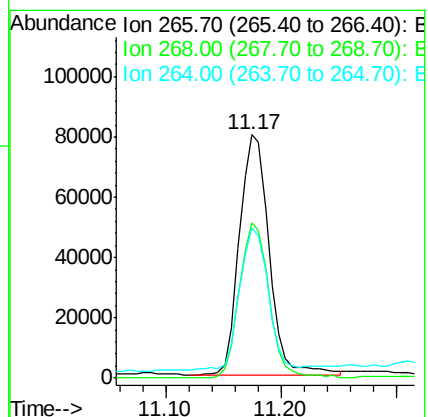
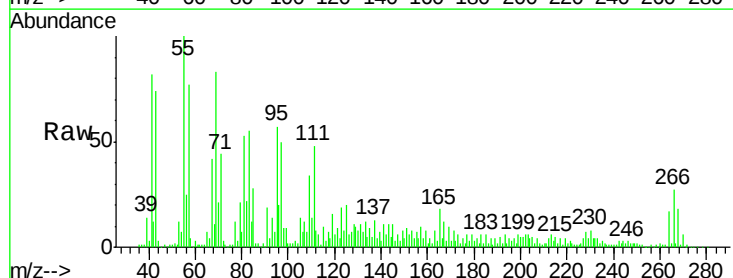
Tgt Ion:266 Resp: 142629

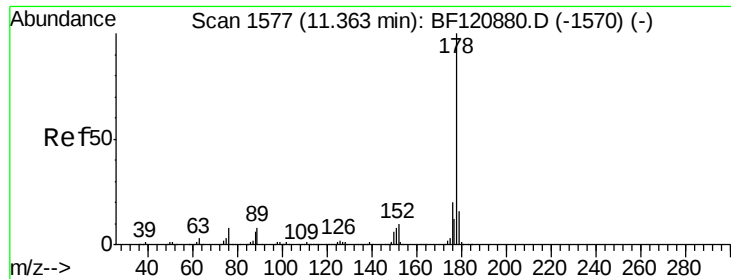
Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

264 61.7 50.2 75.2

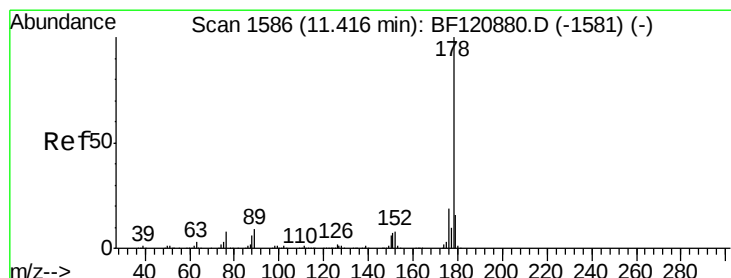
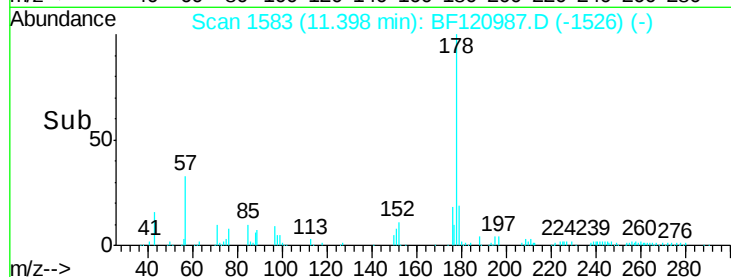
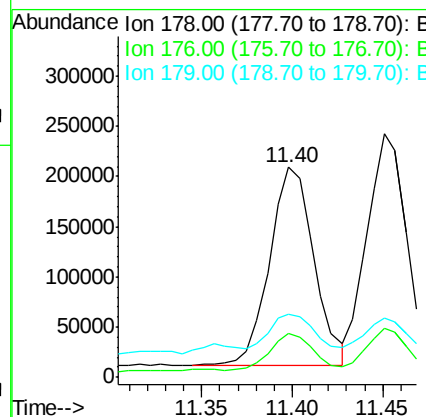
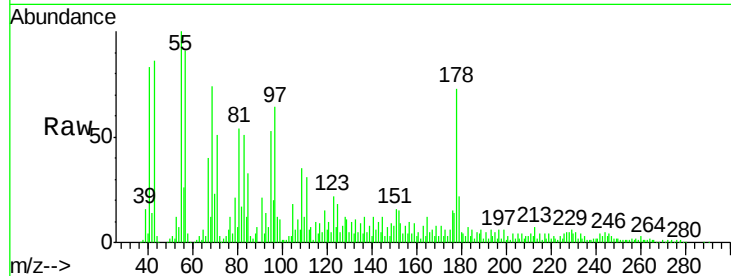




#71
Phenanthrene
Concen: 44.331 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.04 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

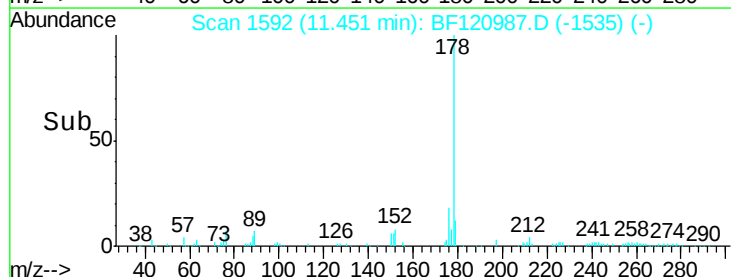
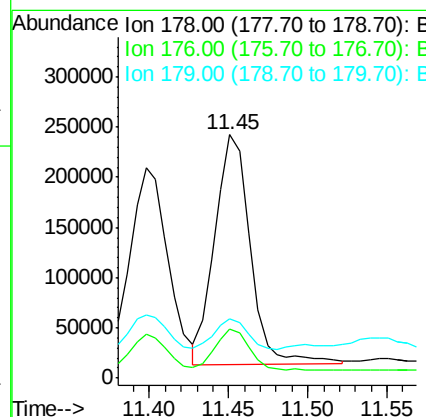
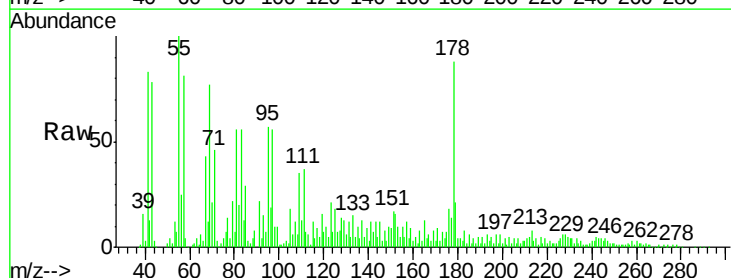
Instrument :
BNA_F
ClientSampleId :

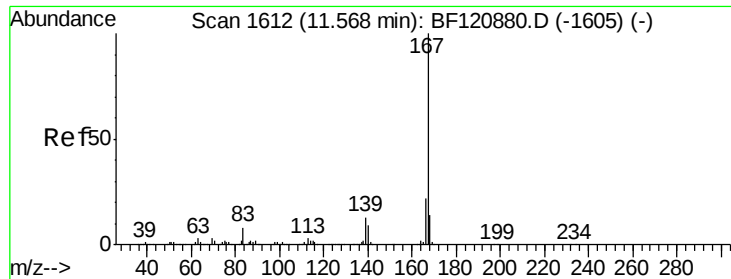
Tot Ion:178 Resp: 335011
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 30.1 12.8 19.2#



#72
Anthracene
Concen: 47.635 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.04 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:178 Resp: 361473
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 24.3 12.8 19.2#

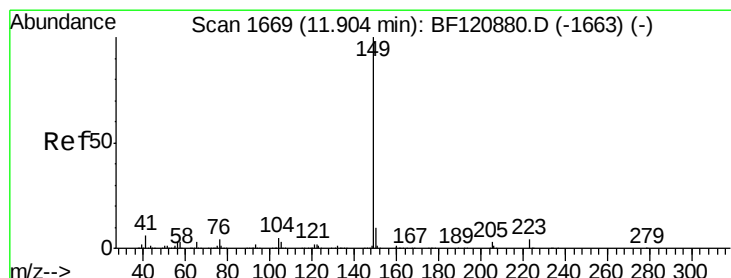
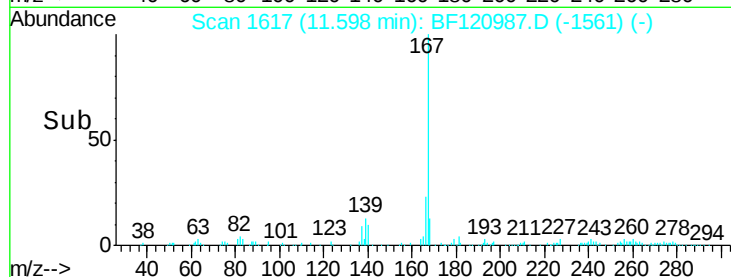
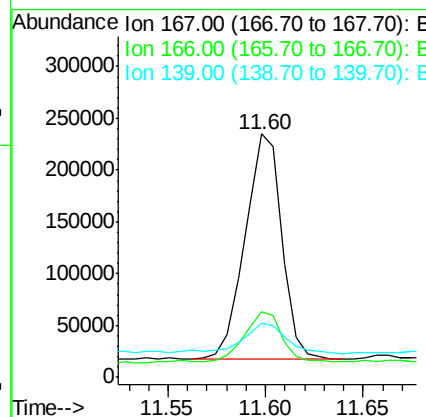
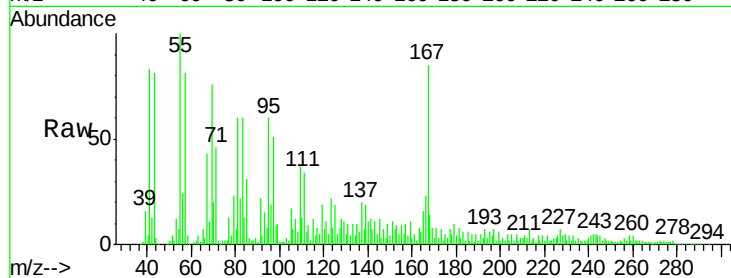




#73
 Carbazole
 Concen: 37.814 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.03 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

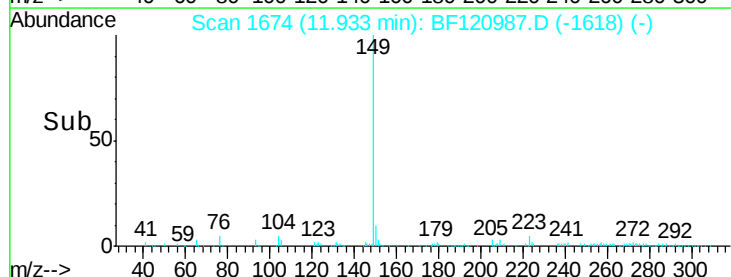
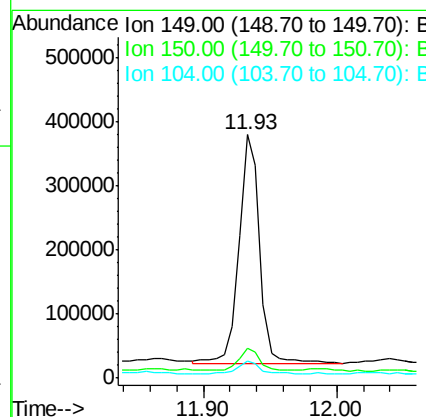
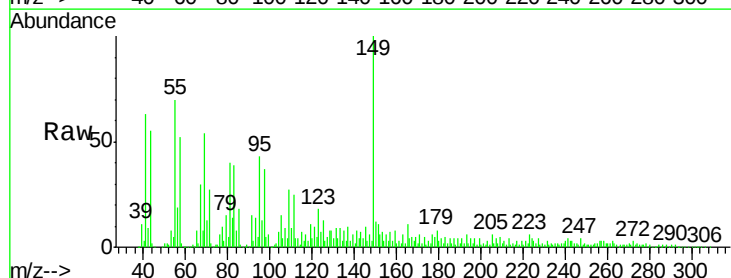
Instrument :
 BNA_F
 ClientSampleId :

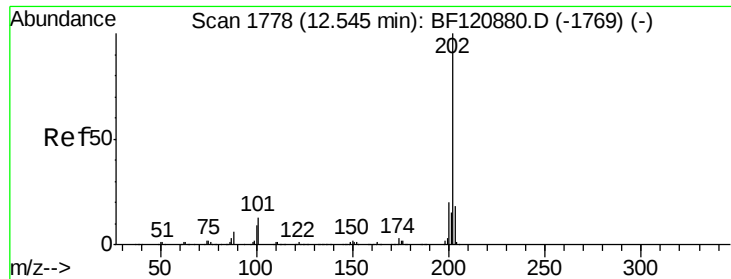
Tot Ion:167 Resp: 284767
 Ion Ratio Lower Upper
 167 100
 166 26.9 17.7 26.5#
 139 22.1 10.1 15.1#



#74
 Di-n-butylphthalate
 Concen: 44.456 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.03 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion:149 Resp: 386347
 Ion Ratio Lower Upper
 149 100
 150 12.2 7.8 11.6#
 104 6.8 3.8 5.6#





#75

Fluoranthene

Concen: 53.979 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.05 min

Lab File: BF120987.D

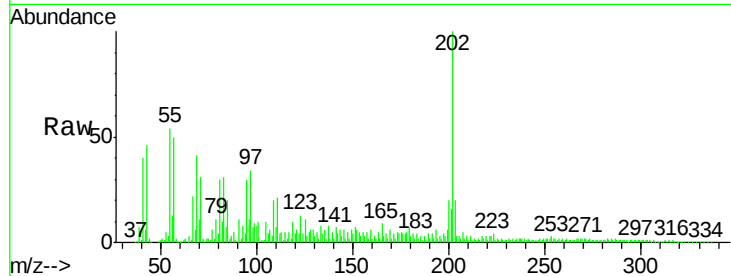
Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

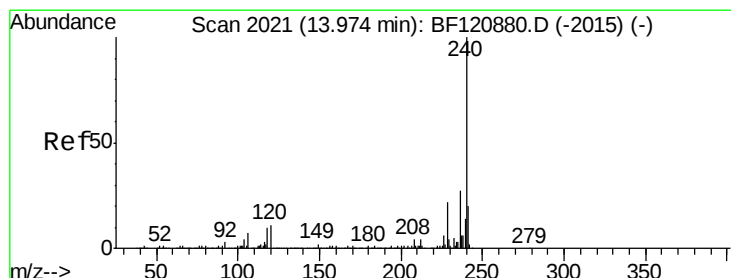
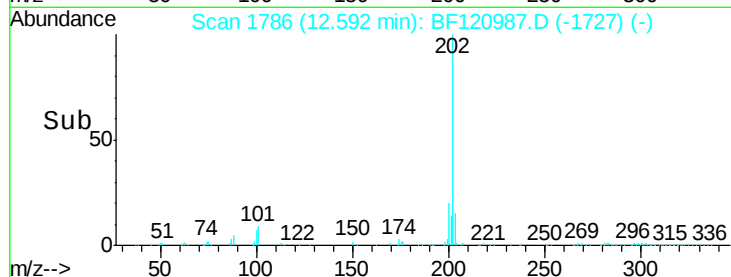
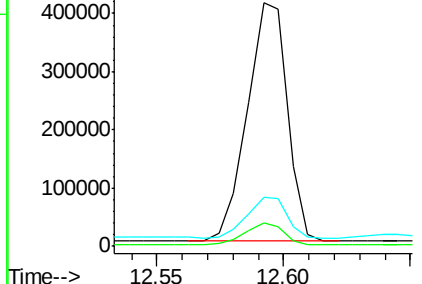
Tot Ion:	202	Resp:	452151
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	32.7
203	19.9	0.0	38.0



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

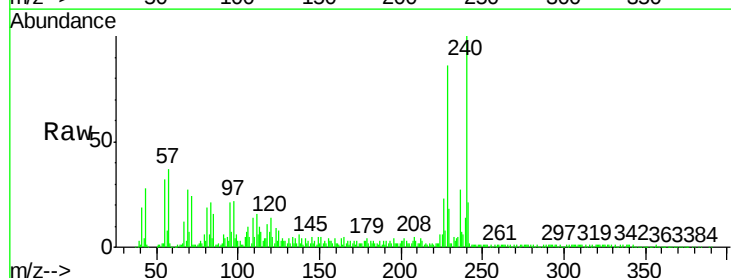
RT: 13.99 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

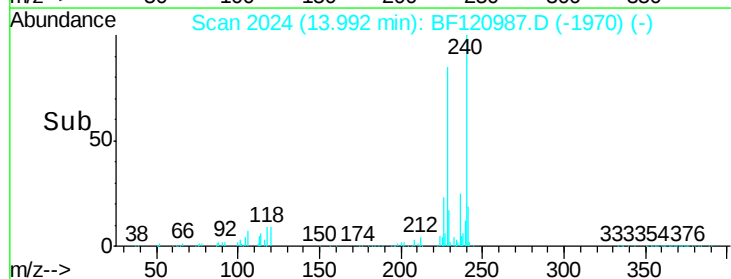
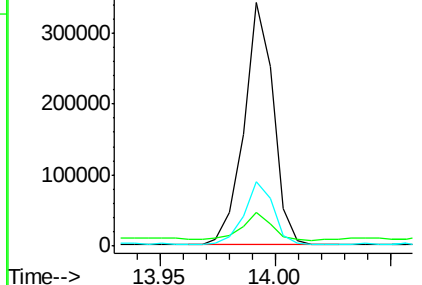
Tgt Ion:	240	Resp:	304142
Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.0	13.4#
236	26.6	21.7	32.5

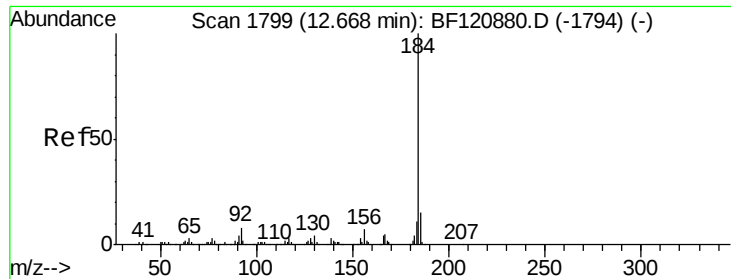


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.391 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.04 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

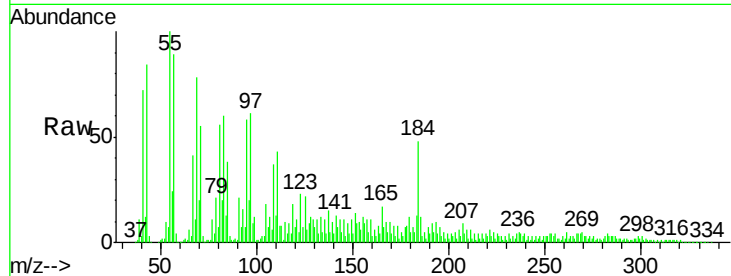
Tot Ion:184 Resp: 139068

Ion Ratio Lower Upper

184 100

185 24.4 12.2 18.2#

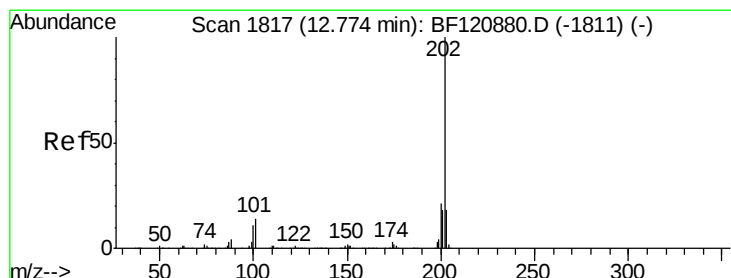
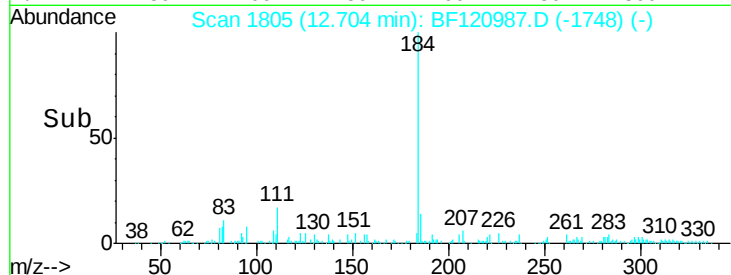
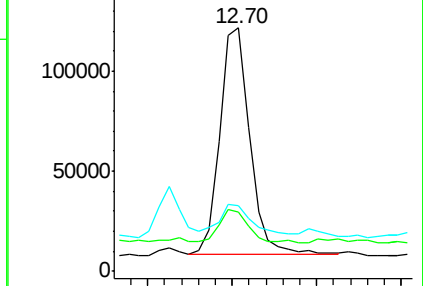
183 27.2 8.5 12.7#



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: 24.970 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.05 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

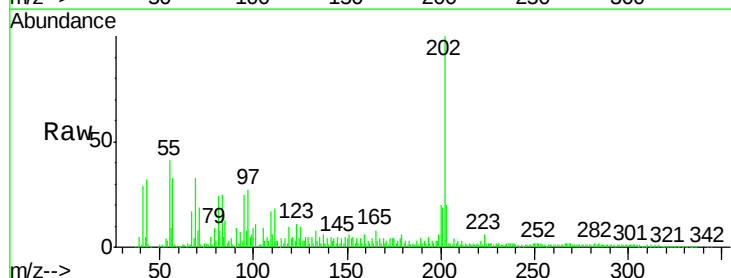
Tgt Ion:202 Resp: 536922

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.4

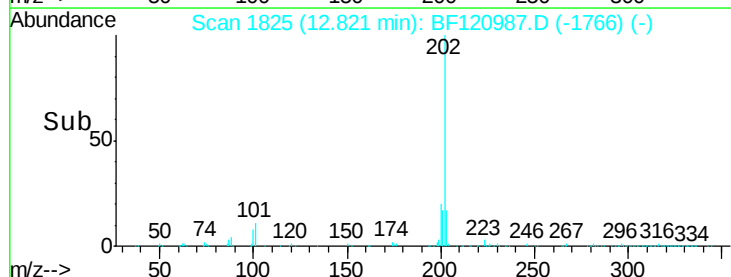
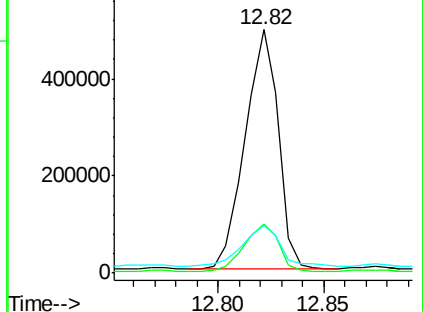
203 19.6 14.4 21.6

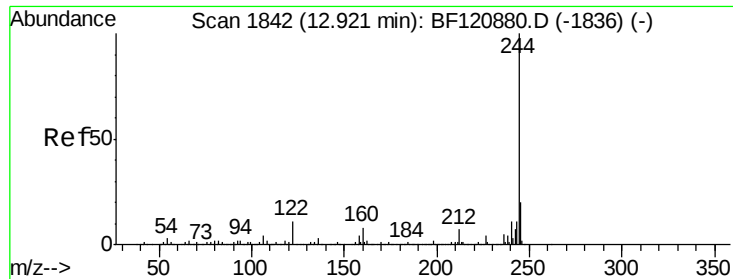


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 53.749 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.04 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampleId :

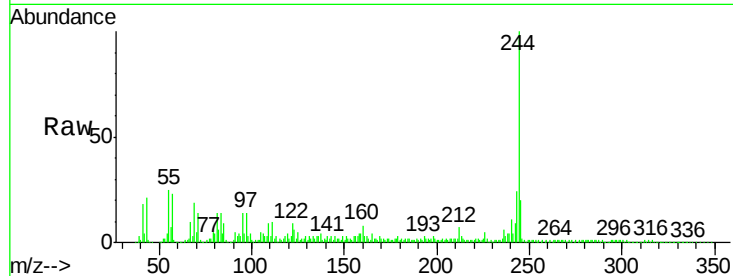
Tot Ion:244 Resp: 752022

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

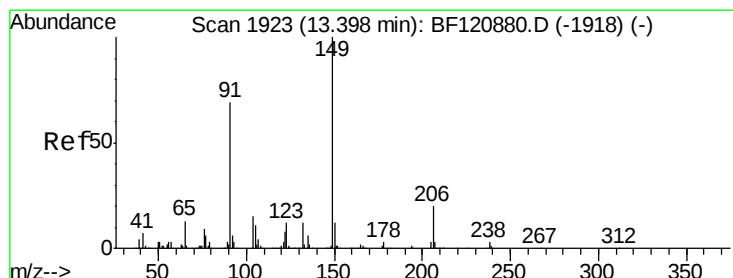
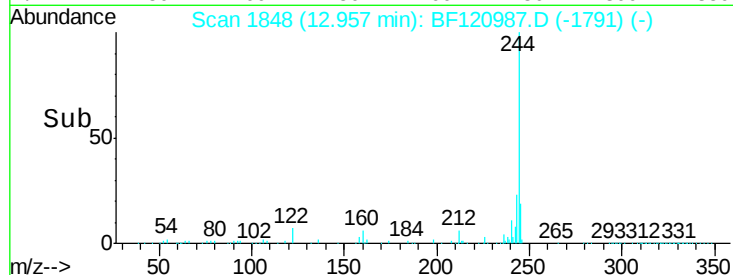
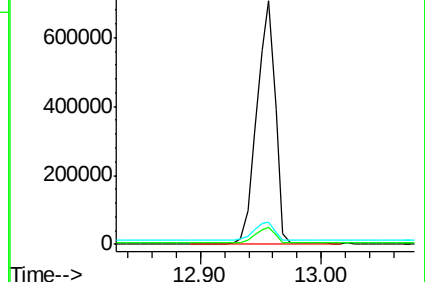
122 9.2 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.609 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.02 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

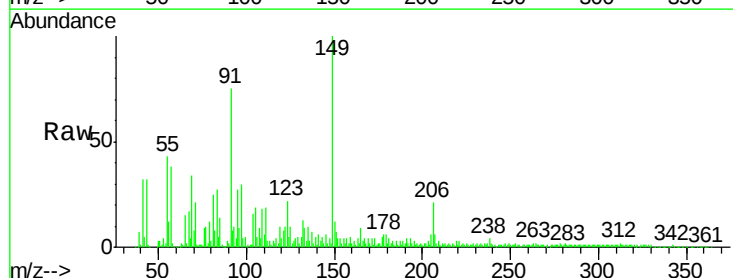
Tgt Ion:149 Resp: 331749

Ion Ratio Lower Upper

149 100

91 75.1 55.1 82.7

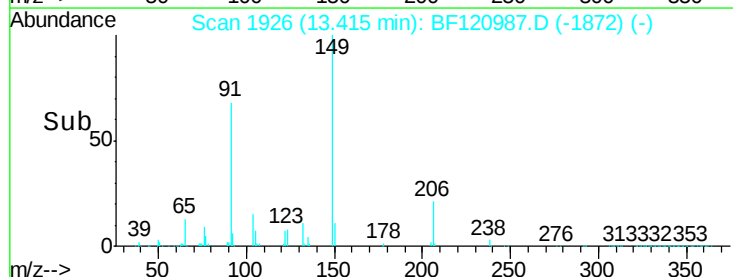
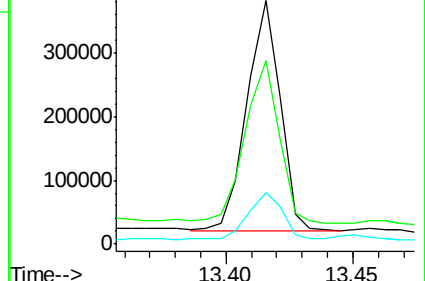
206 21.4 16.1 24.1

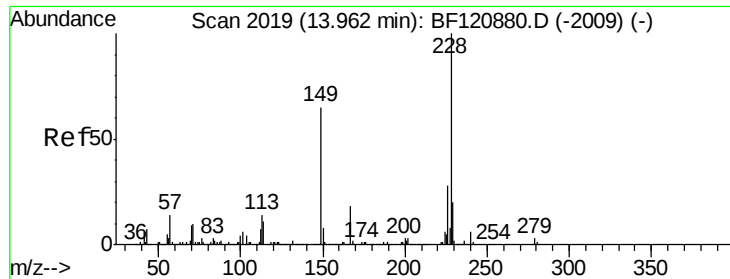


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

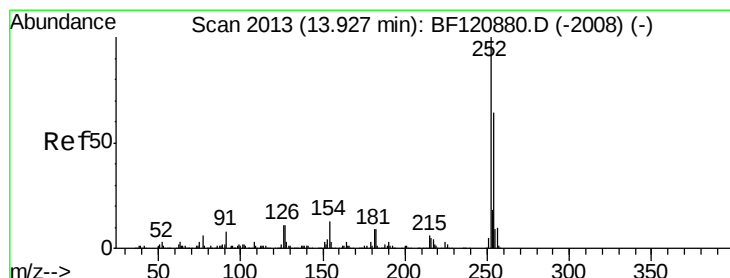
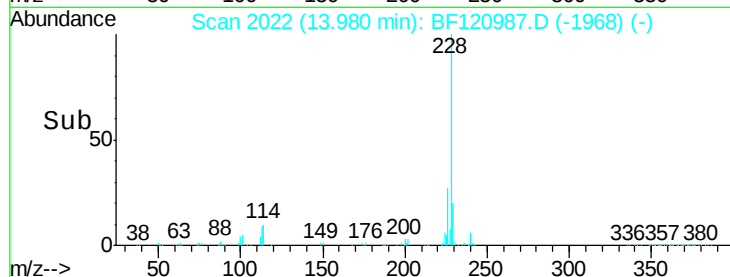
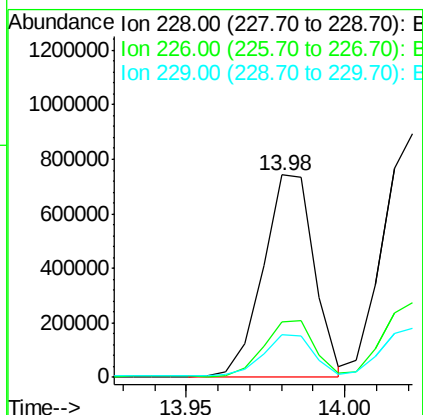
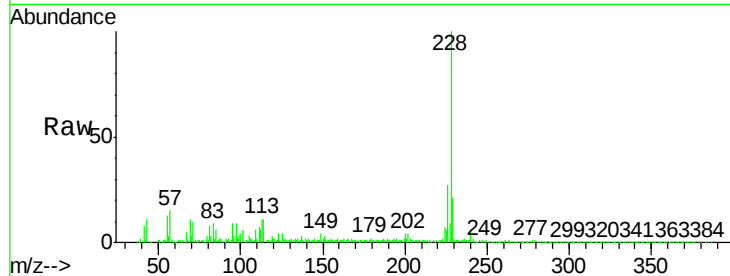




#81
Benzo(a)anthracene
Concen: 44.986 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.02 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

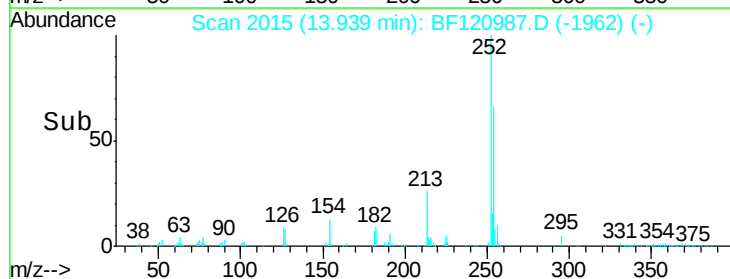
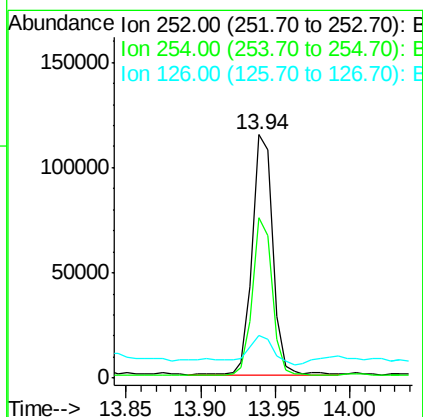
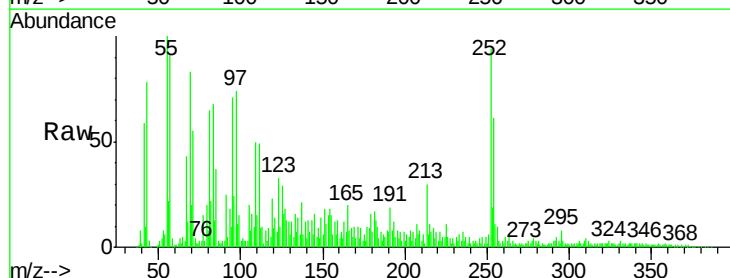
Instrument :
BNA_F
ClientSampleId :

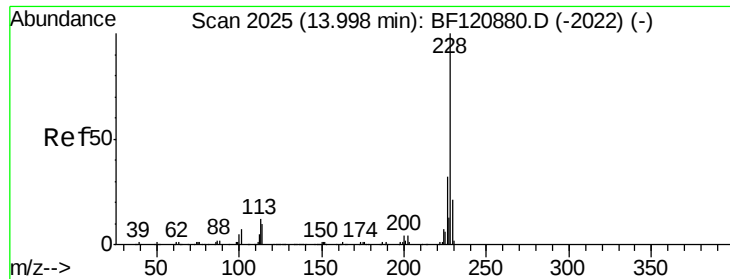
Tot Ion:228 Resp: 828514
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 20.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 15.585 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:252 Resp: 108289
Ion Ratio Lower Upper
252 100
254 65.7 51.2 76.8
126 17.5 8.7 13.1#





#83

Chrysene

Concen: 42.772 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.02 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

Instrument :

BNA_F

ClientSampled :

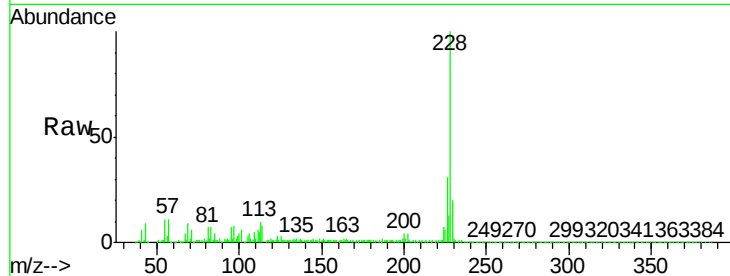
Tot Ion:228 Resp: 827846

Ion Ratio Lower Upper

228 100

226 30.6 25.6 38.4

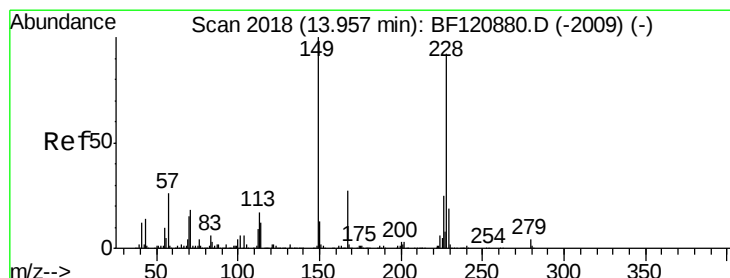
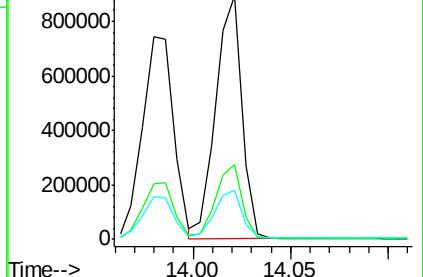
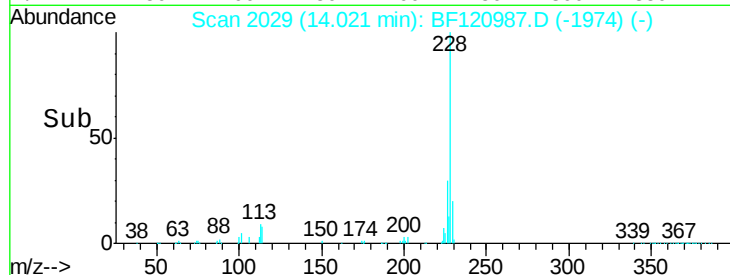
229 20.4 16.8 25.2



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: 50.711 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120987.D

Acq: 23 Jul 2020 18:22

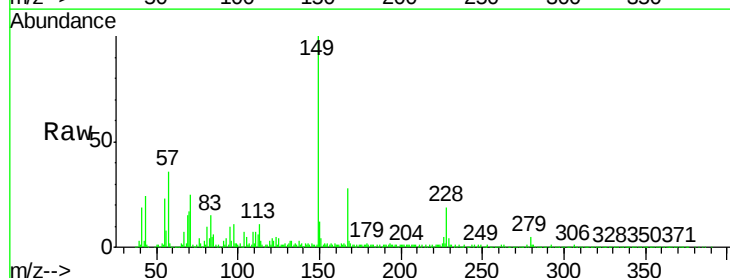
Tgt Ion:149 Resp: 599420

Ion Ratio Lower Upper

149 100

167 28.4 21.9 32.9

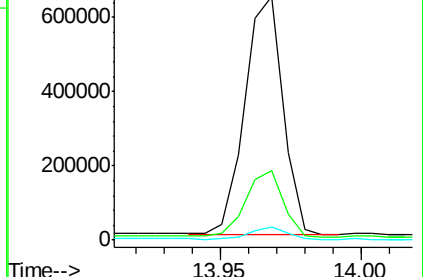
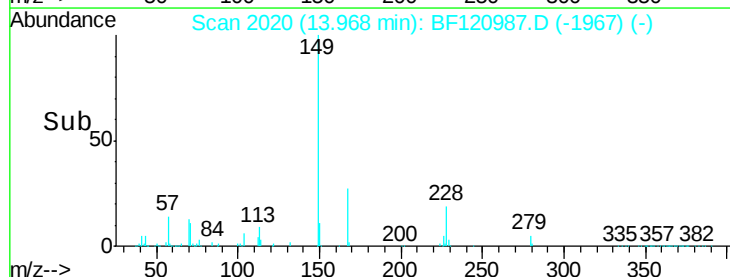
279 5.3 3.0 4.4#



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

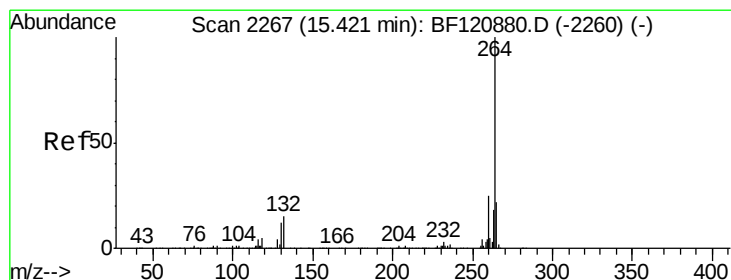
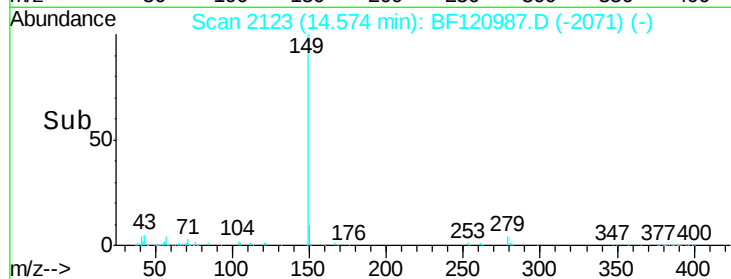
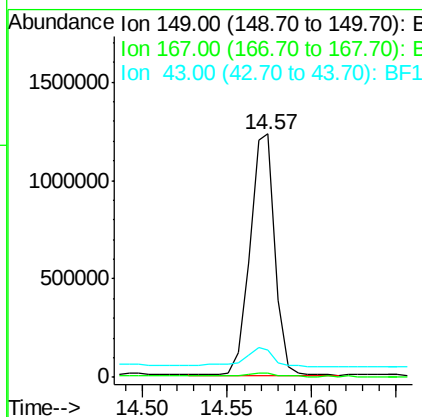
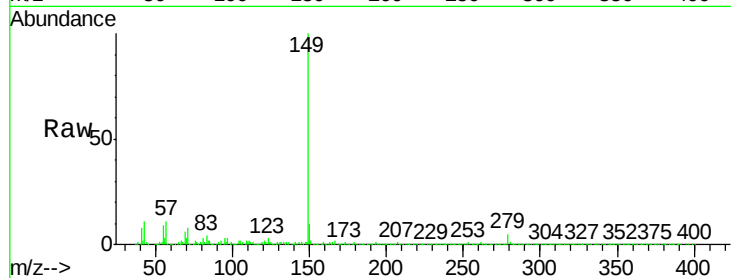




#85
Di-n-octyl phthalate
Concen: 53.227 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

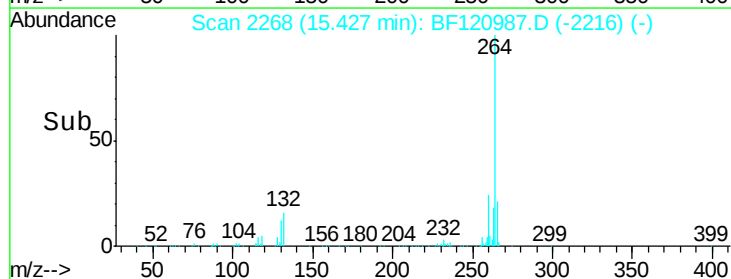
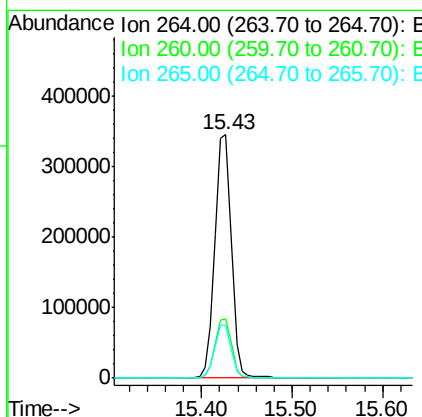
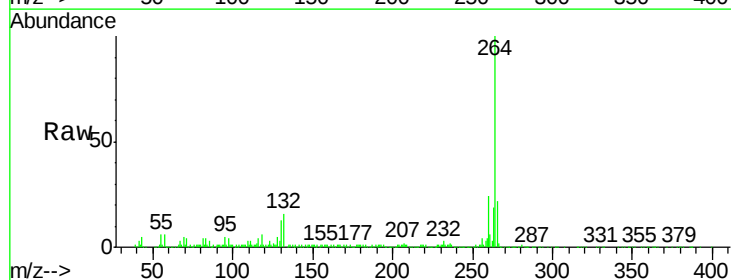
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1251720
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.4 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:264 Resp: 434047
Ion Ratio Lower Upper
264 100
260 24.4 20.0 30.0
265 21.7 17.4 26.2

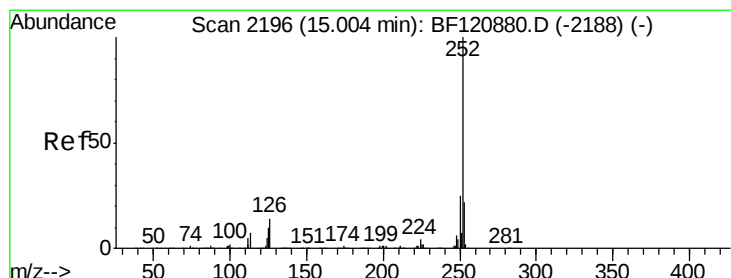
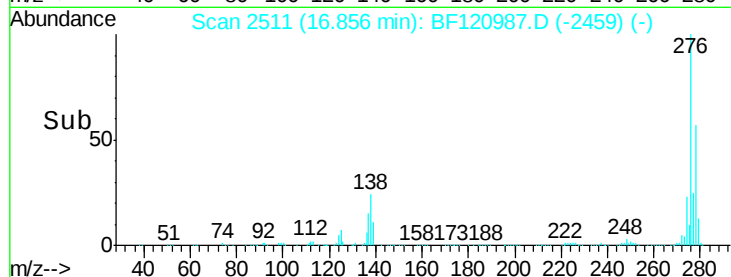
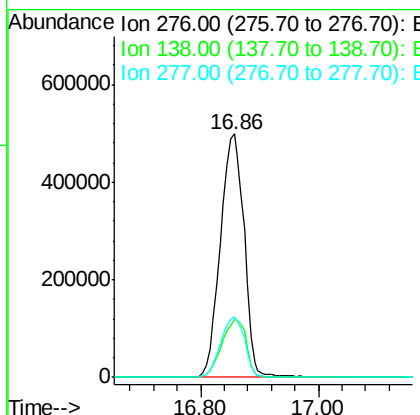
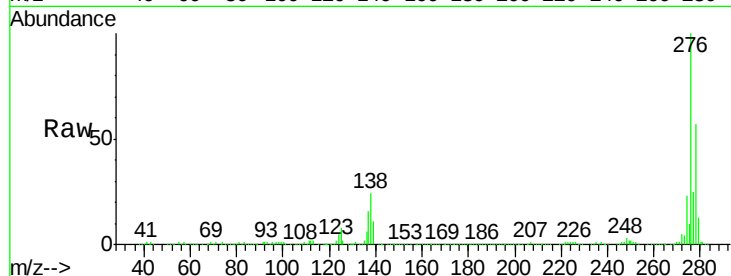




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.409 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

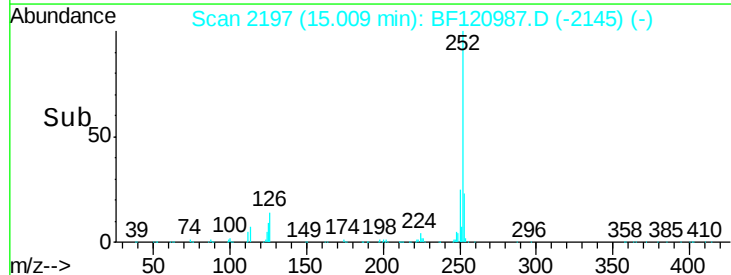
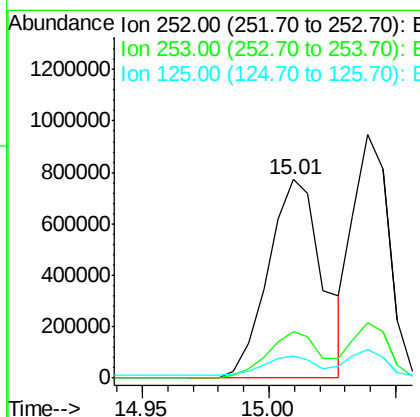
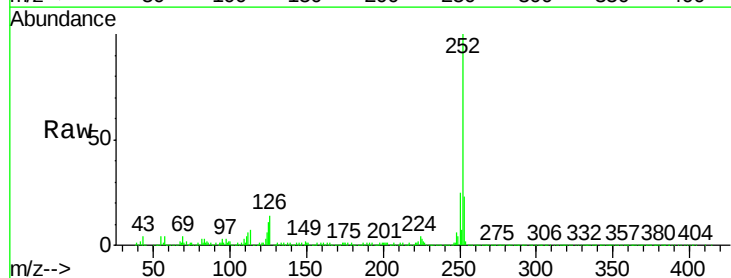
Instrument :
 BNA_F
 ClientSampleId :

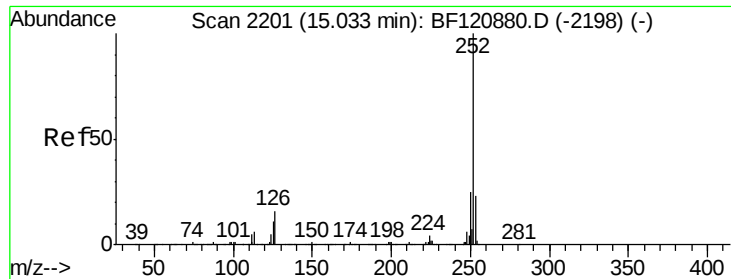
Tot Ion:276 Resp: 1400926
 Ion Ratio Lower Upper
 276 100
 138 24.5 19.8 29.8
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 44.131 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120987.D
 Acq: 23 Jul 2020 18:22

Tgt Ion:252 Resp: 1157841
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.0 27.0
 125 11.4 8.3 12.5

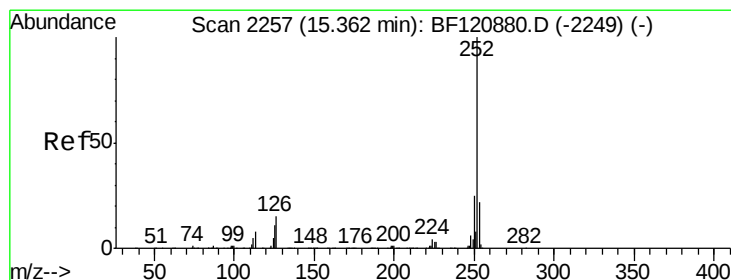
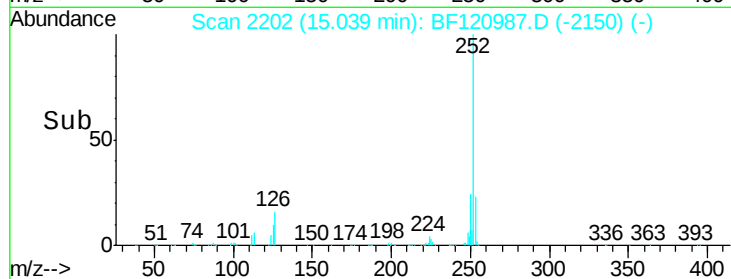
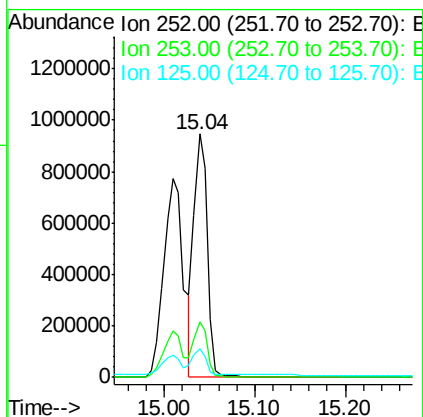
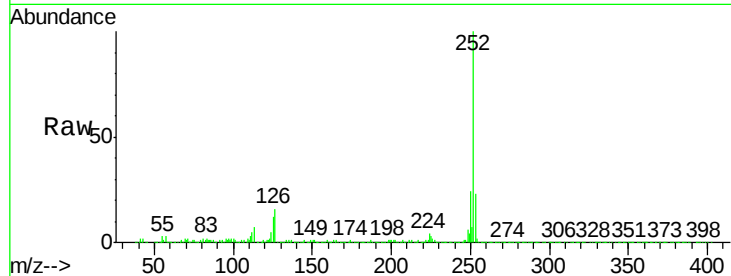




#89
Benzo(k)fluoranthene
Concen: 39.640 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

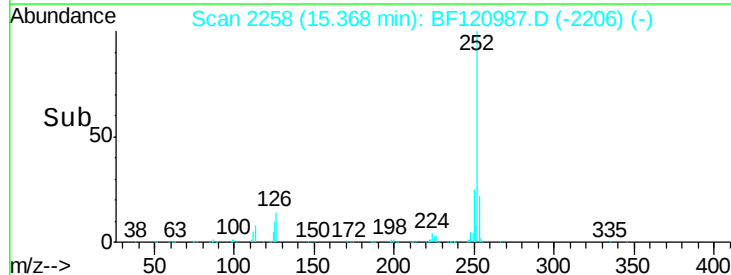
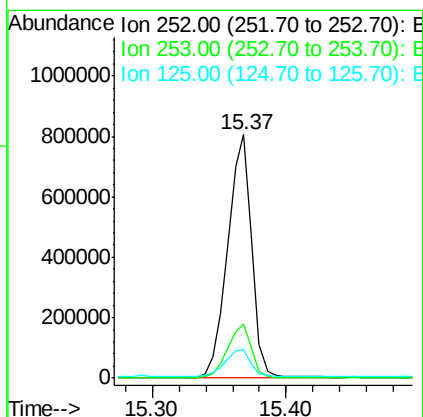
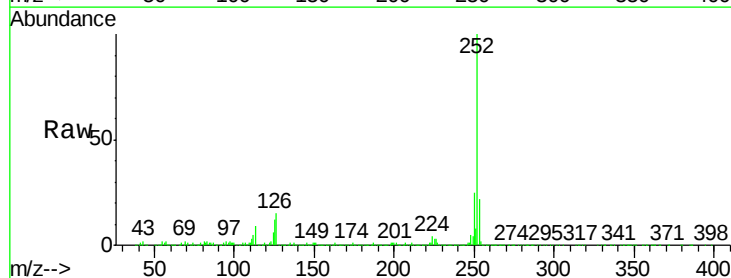
Instrument :
BNA_F
ClientSampleId :

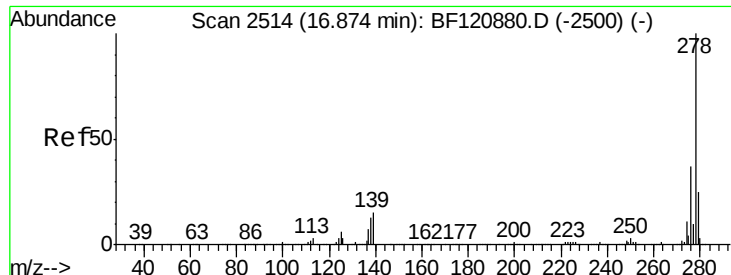
Tot Ion:252 Resp: 948481
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.5 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.533 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:252 Resp: 1018133
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.6 8.9 13.3



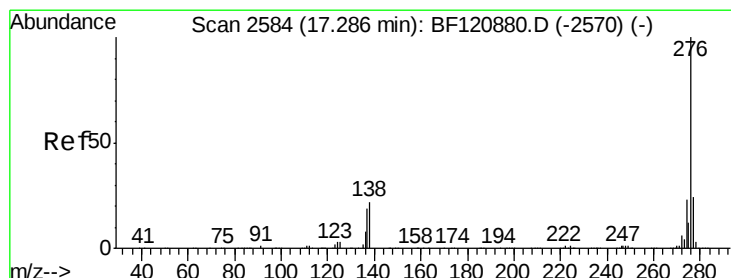
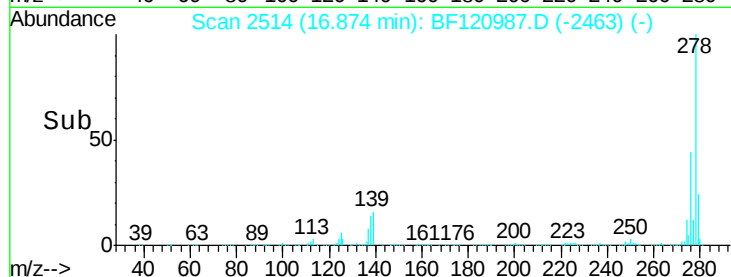
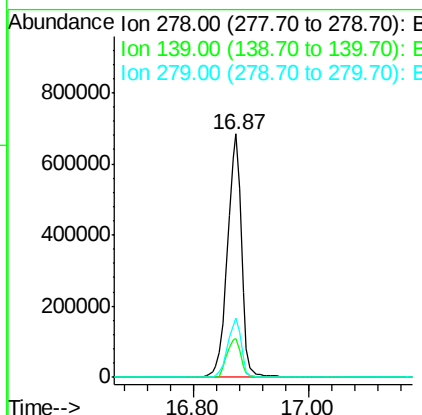
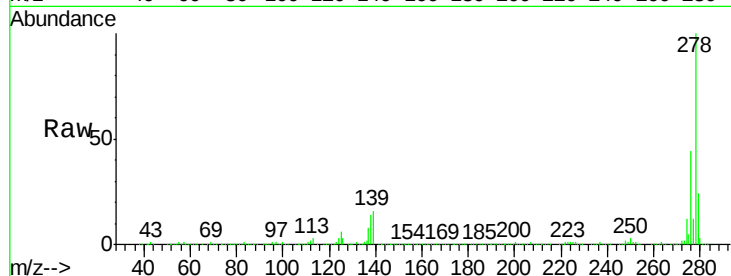


#91
Dibenzo(a,h)anthracene
Concen: 46.958 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1157869

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.3	18.5
279	24.2	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 49.248 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120987.D
Acq: 23 Jul 2020 18:22

Tgt Ion:276 Resp: 1197328

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	22.3	17.5	26.3

