

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120979.D
 Acq On : 23 Jul 2020 13:37
 Operator : JU/CG
 Sample : PB130373BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 16:24:25 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	196418	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	762183	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	408223	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	762504	20.00	ng	0.00
76) Chrysene-d12	13.97	240	554730	20.00	ng	0.00
86) Perylene-d12	15.42	264	537644	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1391813	116.16	ng	0.02
7) Phenol-d6	6.45	99	1724707	111.44	ng	0.00
23) Nitrobenzene-d5	7.38	82	1143318	86.80	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	527064	117.95	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2002094	73.22	ng	0.00
79) Terphenyl-d14	12.92	244	2127987	83.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	208886	37.881	ng	100
3) Pyridine	3.36	79	580338	39.563	ng	99
4) n-Nitrosodimethylamine	3.32	42	267855	42.703	ng	96
6) Aniline	6.48	93	735907	36.426	ng	98
8) 2-Chlorophenol	6.60	128	600024	45.459	ng	99
9) Benzaldehyde	6.36	77	242914	30.307	ng	99
10) Phenol	6.47	94	679192	39.894	ng	80
11) bis(2-Chloroethyl)ether	6.55	93	558001	42.766	ng	99
12) 1,3-Dichlorobenzene	6.76	146	593279	41.452	ng	98
13) 1,4-Dichlorobenzene	6.83	146	591792	41.582	ng	98
14) 1,2-Dichlorobenzene	6.99	146	530029	39.367	ng	99
15) Benzyl Alcohol	6.96	79	418642	38.249	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	783916	41.683	ng	98
17) 2-Methylphenol	7.07	107	467920	39.997	ng	98
18) Hexachloroethane	7.33	117	228306	44.322	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	363481	41.301	ng	98
20) 3+4-Methylphenols	7.22	107	500602	33.638	ng	93
22) Acetophenone	7.23	105	692170	40.464	ng	# 93
24) Nitrobenzene	7.40	77	590129	41.567	ng	100
25) Isophorone	7.64	82	1109104	42.189	ng	99
26) 2-Nitrophenol	7.72	139	322686	47.858	ng	98
27) 2,4-Dimethylphenol	7.75	122	497677	45.461	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	711802	44.357	ng	100
29) 2,4-Dichlorophenol	7.96	162	495649	44.307	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	526371	42.411	ng	98
31) Naphthalene	8.12	128	1620814	41.457	ng	99
32) Benzoic acid	7.89	122	393321	47.862	ng	98
33) 4-Chloroaniline	8.17	127	603082	34.579	ng	99
34) Hexachlorobutadiene	8.24	225	304877	41.670	ng	99
35) Caprolactam	8.55	113	121526	33.876	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	514719	44.864	ng	96
37) 2-Methylnaphthalene	8.81	142	1109902	43.722	ng	99
38) 1-Methylnaphthalene	8.91	142	1046556	43.529	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	466105	39.189	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	517633	78.745	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	366497	43.764	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	388180	40.864	ng	99
46) 1,1'-Biphenyl	9.27	154	1276666	40.999	ng	99
47) 2-Chloronaphthalene	9.30	162	1019840	40.170	ng	100
48) 2-Nitroaniline	9.40	65	328920	42.871	ng	92
49) Acenaphthylene	9.72	152	1609870	40.817	ng	99
50) Dimethylphthalate	9.58	163	1264775	42.945	ng	99
51) 2,6-Dinitrotoluene	9.64	165	284144	44.908	ng	93
52) Acenaphthene	9.89	154	981238	39.132	ng	99
53) 3-Nitroaniline	9.81	138	270185	34.048	ng	98
54) 2,4-Dinitrophenol	9.92	184	310654	84.846	ng	89
55) Dibenzofuran	10.06	168	1443850	39.818	ng	99
56) 4-Nitrophenol	9.97	139	495916	82.269	ng	99
57) 2,4-Dinitrotoluene	10.05	165	377895	45.480	ng	98
58) Fluorene	10.40	166	1017207	37.612	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	336695	46.552	ng	96
60) Diethylphthalate	10.28	149	1279326	42.947	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	508058	35.221	ng	99
62) 4-Nitroaniline	10.43	138	313229	40.522	ng	98
63) Azobenzene	10.56	77	1171955	41.325	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	204633	46.500	ng	96
66) n-Nitrosodiphenylamine	10.52	169	1038078	43.277	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	360968	42.460	ng	98
68) Hexachlorobenzene	10.95	284	398459	43.329	ng	97
69) Atrazine	11.05	200	300057	50.510	ng	98
70) Pentachlorophenol	11.15	266	445347	84.532	ng	99
71) Phenanthrene	11.36	178	1584575	40.407	ng	99
72) Anthracene	11.42	178	1625364	41.276	ng	99
73) Carbazole	11.57	167	1556750	39.836	ng	99
74) Di-n-butylphthalate	11.90	149	1912049	42.398	ng	99
75) Fluoranthene	12.55	202	1747504	40.202	ng	98
77) Benzidine	12.67	184	864066	59.244	ng	99
78) Pyrene	12.78	202	1761222	44.907	ng	99
80) Butylbenzylphthalate	13.40	149	814998	46.615	ng	98
81) Benzo(a)anthracene	13.97	228	1327298	39.513	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	543001	42.846	ng	99
83) Chrysene	14.00	228	1483003	42.010	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	951220	44.121	ng	# 100
85) Di-n-octyl phthalate	14.57	149	1870154	43.601	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1454879	38.910	ng	99
88) Benzo(b)fluoranthene	15.00	252	1518607	46.728	ng	100
89) Benzo(k)fluoranthene	15.03	252	1384071	46.698	ng	100
90) Benzo(a)pyrene	15.36	252	1293766	43.634	ng	100
91) Dibenzo(a,h)anthracene	16.87	278	1228644	40.227	ng	97
92) Benzo(g,h,i)perylene	17.28	276	1124538	37.341	ng	98

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

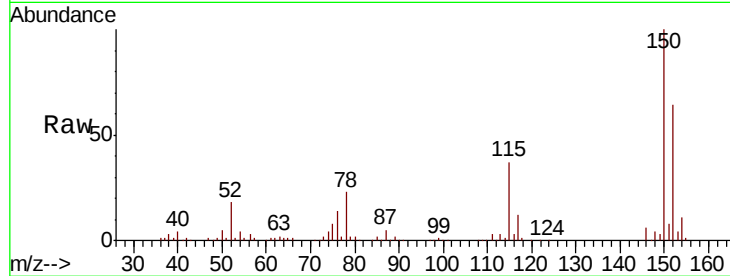


#1

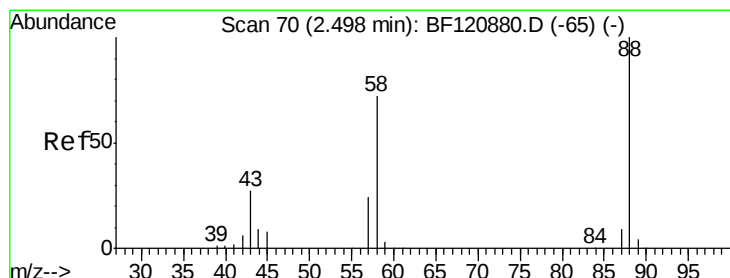
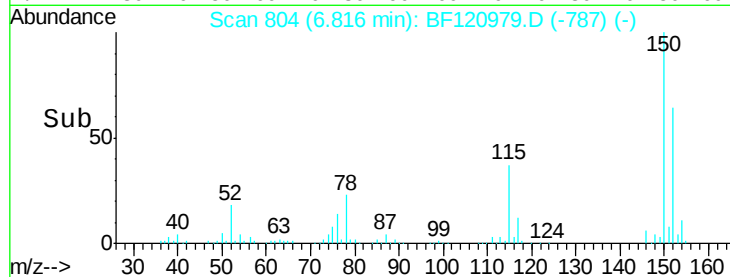
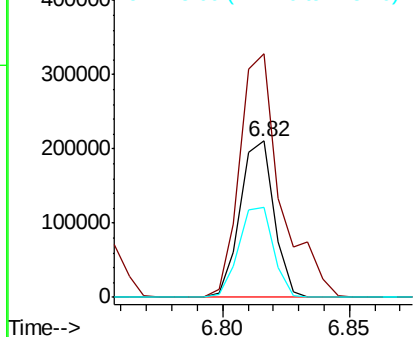
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 196418
Ion Ratio Lower Upper
152 100
150 155.7 125.0 187.6
115 57.5 47.0 70.4



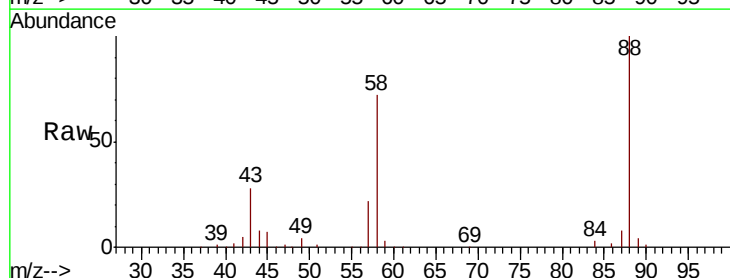
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



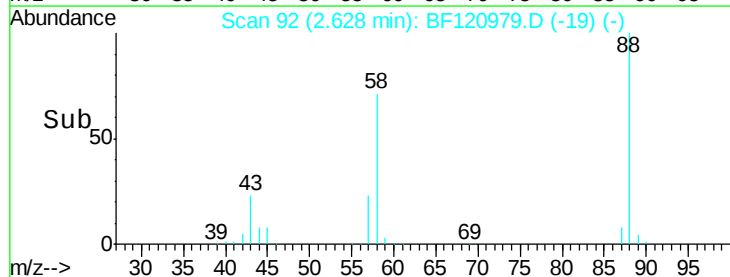
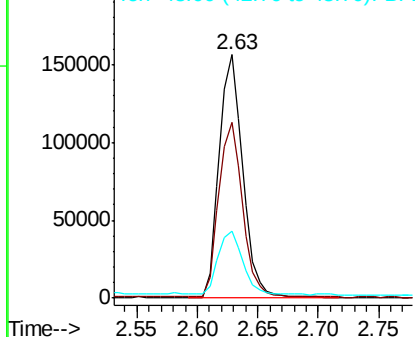
#2

1,4-Dioxane
Concen: 37.881 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.13 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion: 88 Resp: 208886
Ion Ratio Lower Upper
88 100
58 73.1 58.2 87.2
43 27.5 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: 39.563 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.12 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampled :

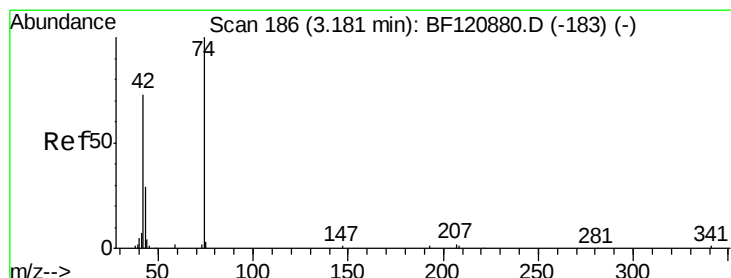
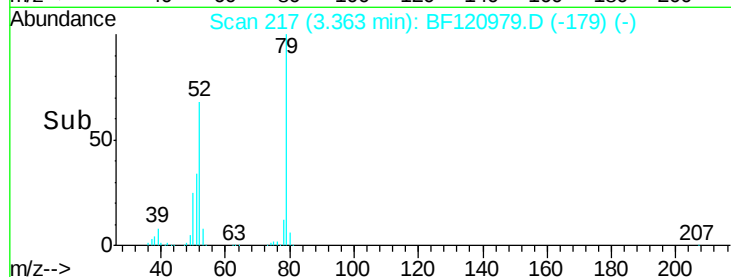
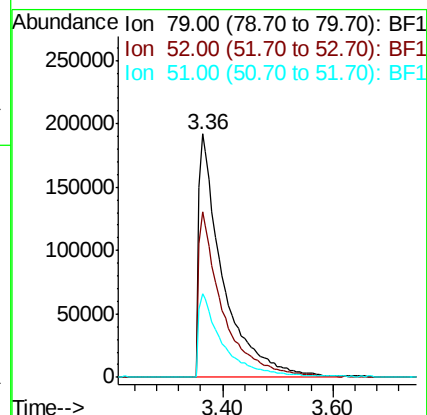
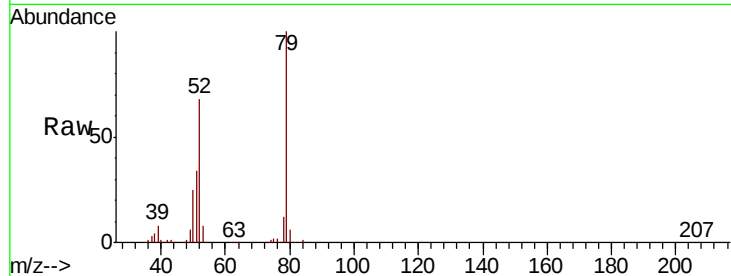
Tot Ion: 79 Resp: 580338

Ion Ratio Lower Upper

79 100

52 68.2 55.0 82.6

51 34.3 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 42.703 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.14 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

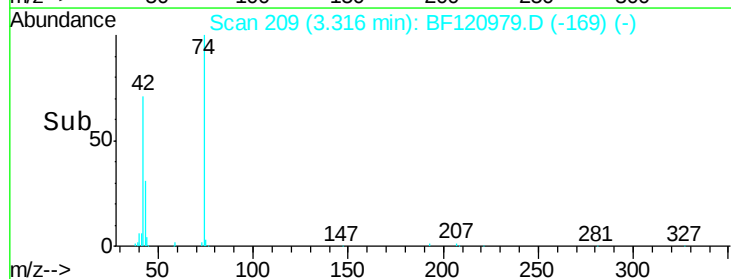
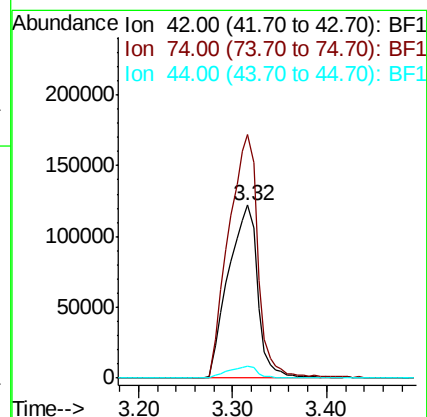
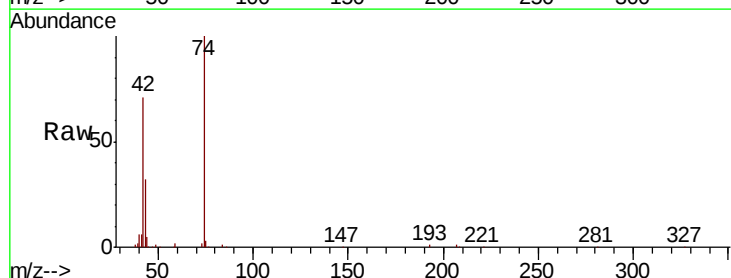
Tgt Ion: 42 Resp: 267855

Ion Ratio Lower Upper

42 100

74 140.8 108.7 163.1

44 6.6 5.2 7.8





#5

2-Fluorophenol

Concen: 116.164 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

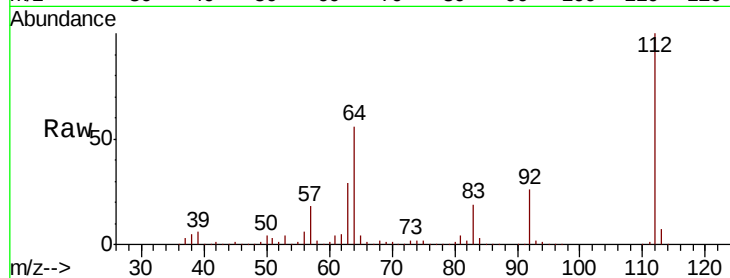
Tot Ion:112 Resp: 1391813

Ion Ratio Lower Upper

112 100

64 55.8 41.3 61.9

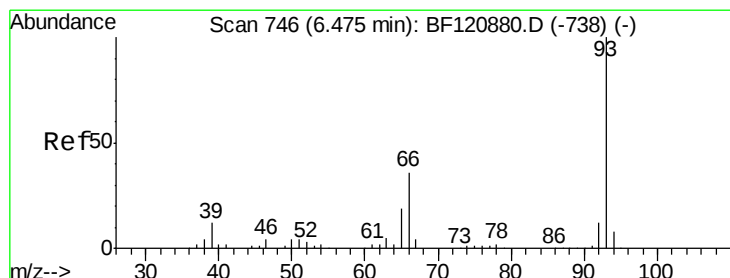
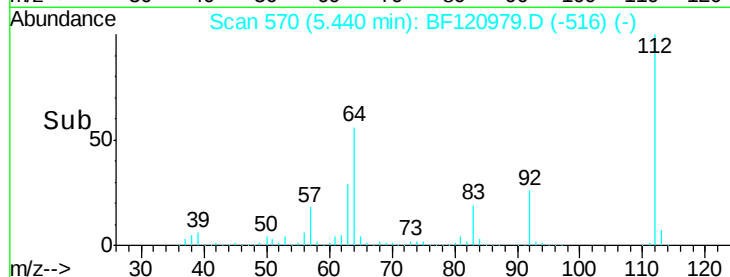
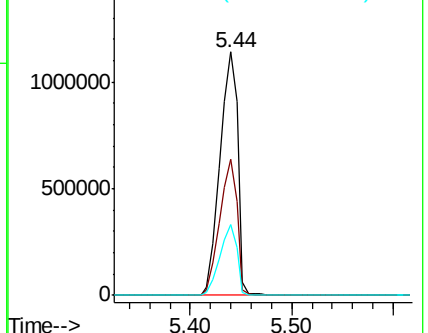
63 29.2 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.426 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

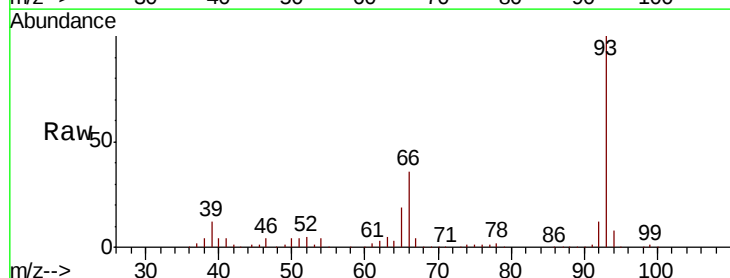
Tgt Ion: 93 Resp: 735907

Ion Ratio Lower Upper

93 100

66 36.3 30.2 45.4

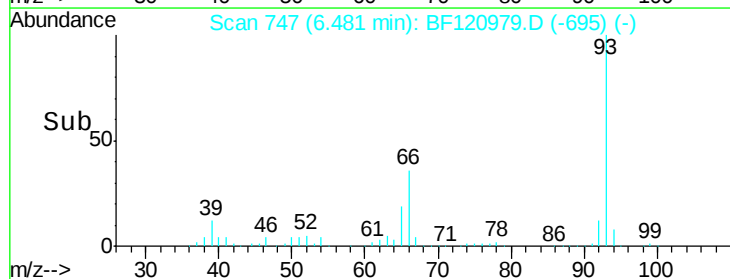
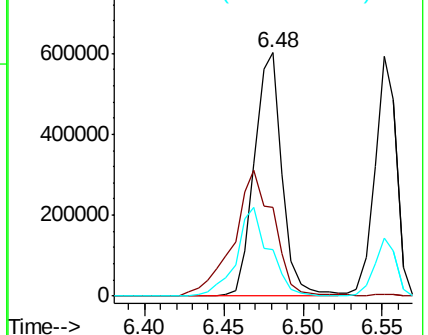
65 19.1 15.8 23.6



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: 111.437 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

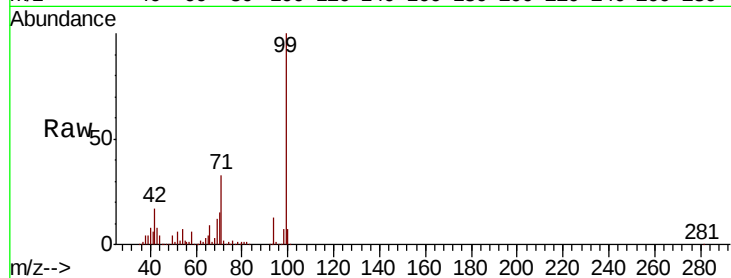
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1724707

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.1	19.7
71	32.8	24.2	36.4

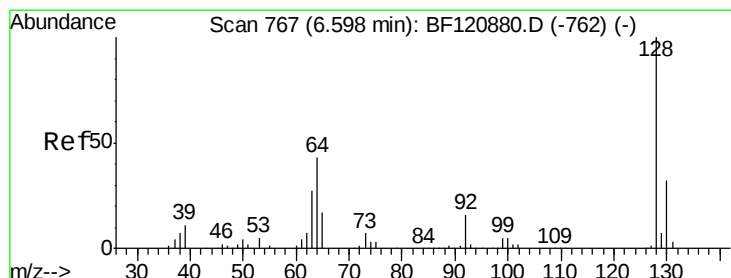
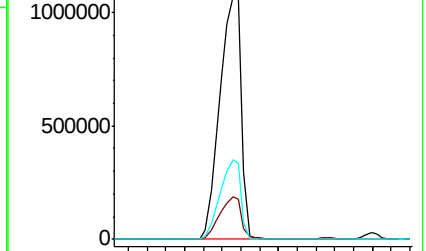
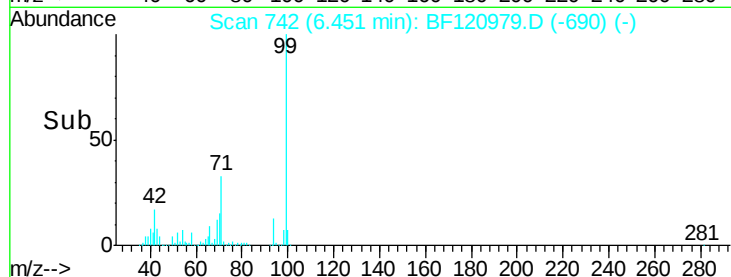


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.459 ng

RT: 6.60 min Scan# 767

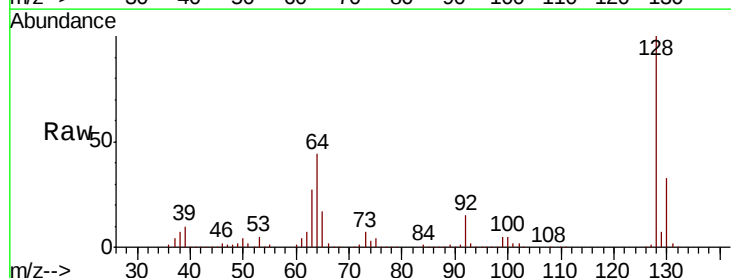
Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Tgt Ion: 128 Resp: 600024

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.1	52.1
64	43.6	24.0	64.0

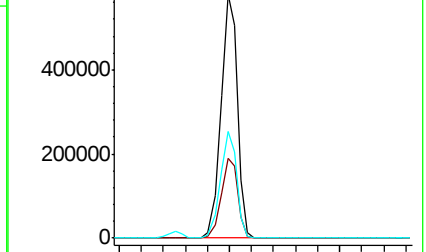
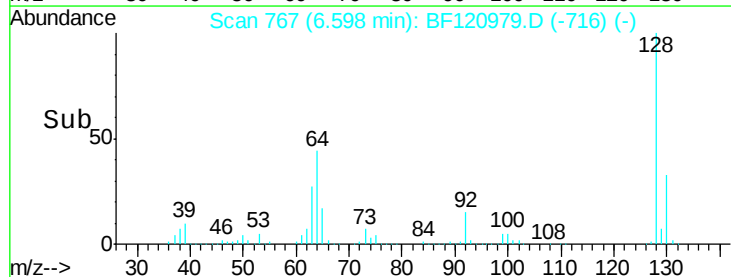


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.307 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

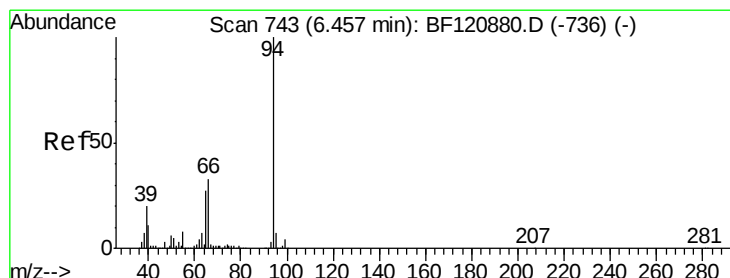
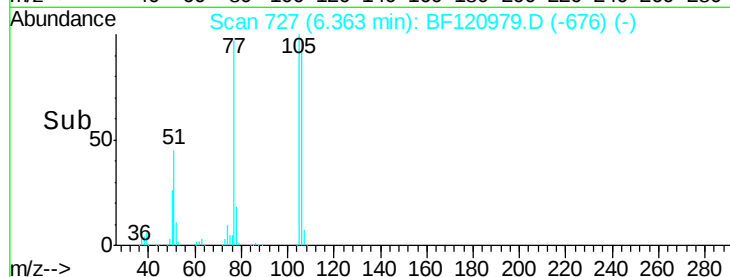
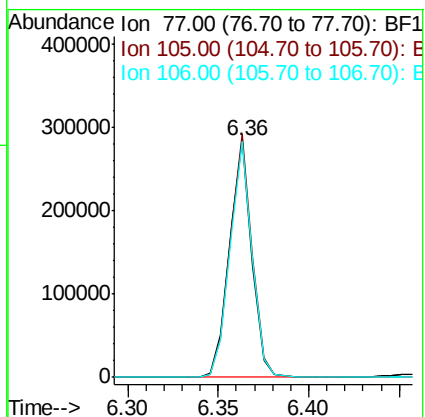
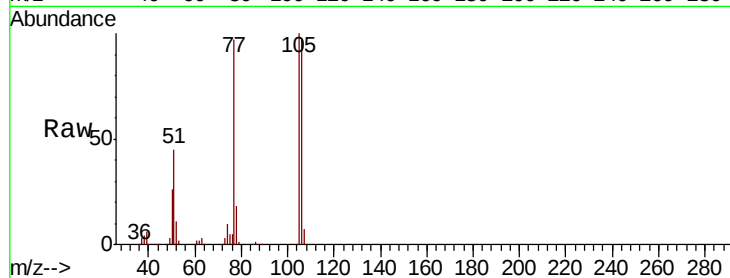
Tot Ion: 77 Resp: 242914

Ion Ratio Lower Upper

77 100

105 102.8 82.5 122.5

106 99.8 78.7 118.7



#10

Phenol

Concen: 39.894 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

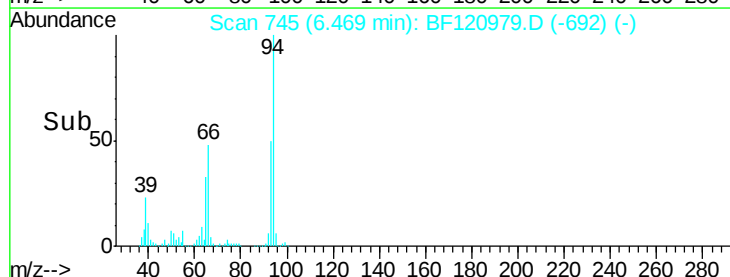
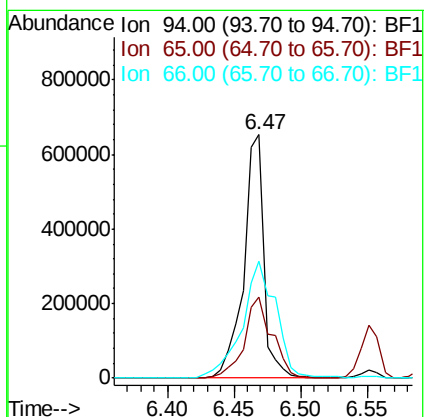
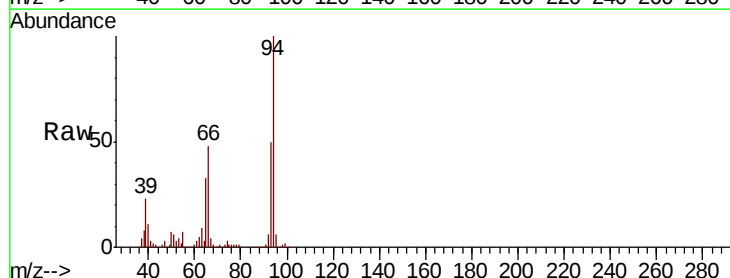
Tgt Ion: 94 Resp: 679192

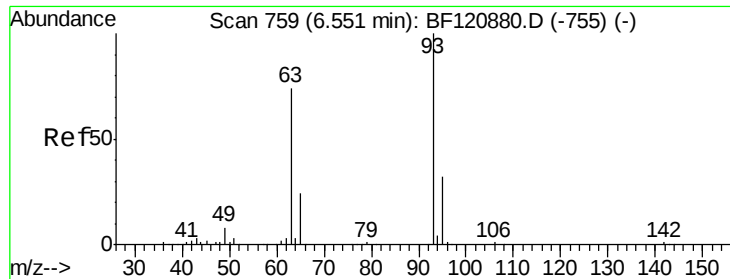
Ion Ratio Lower Upper

94 100

65 33.5 6.6 46.6

66 47.9 13.2 53.2

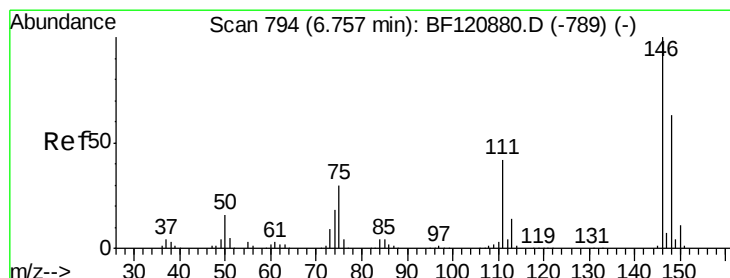
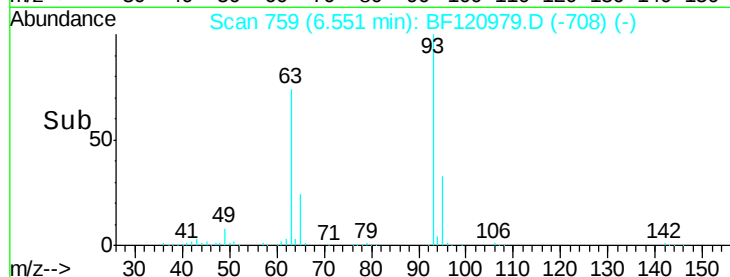
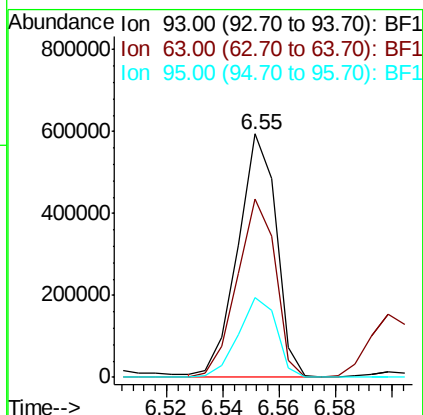
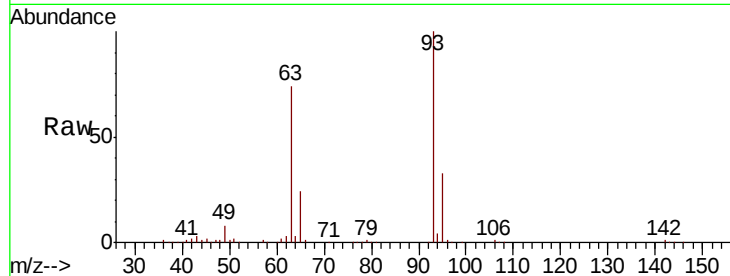




#11
bis(2-Chloroethyl)ether
Concen: 42.766 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

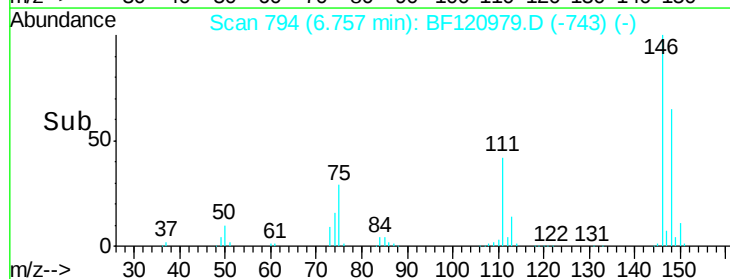
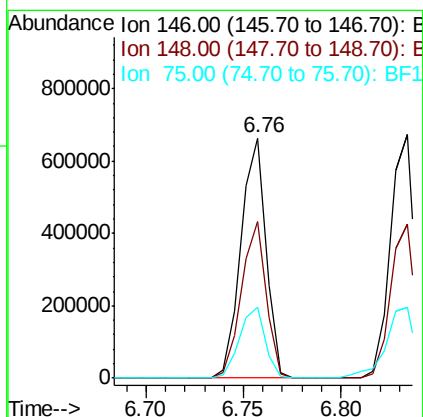
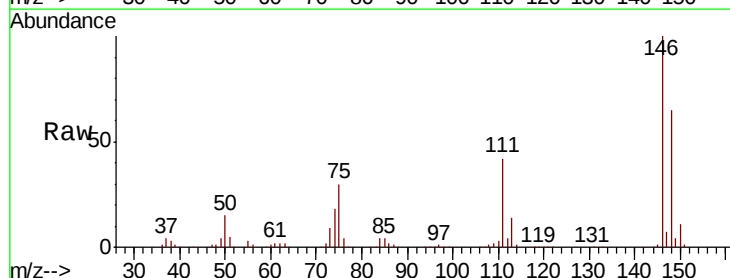
Instrument :
BNA_F
ClientSampleId :

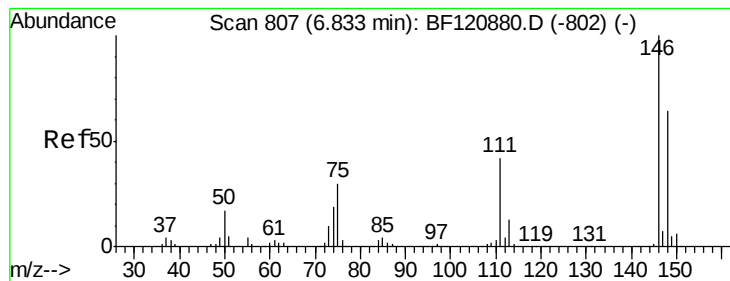
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.5	54.2	94.2
95	32.5	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 41.452 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	75.8
75	29.5	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 41.582 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampled :

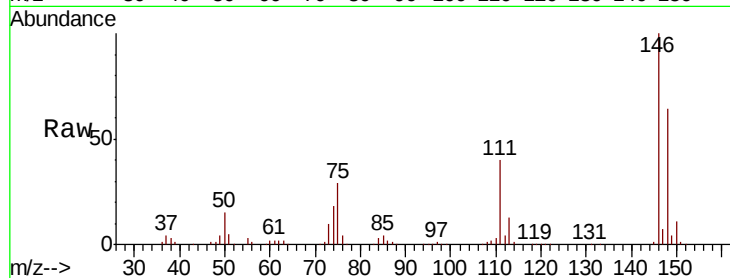
Tot Ion:146 Resp: 591792

Ion Ratio Lower Upper

146 100

148 63.5 51.6 77.4

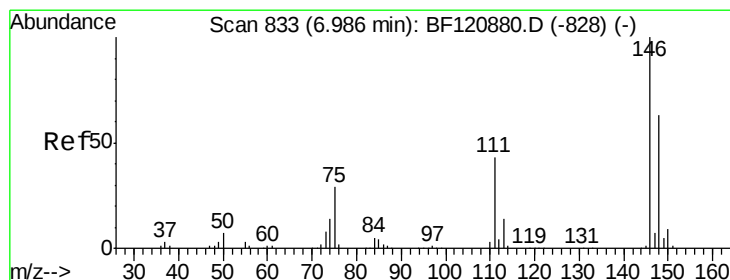
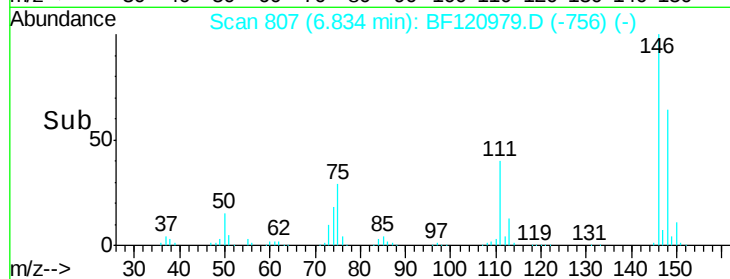
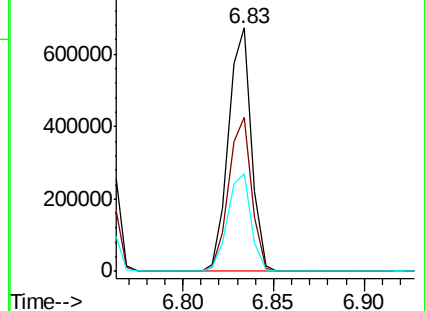
111 40.2 33.5 50.3



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: 39.367 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

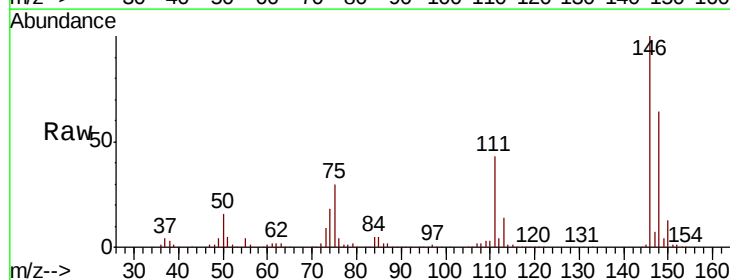
Tgt Ion:146 Resp: 530029

Ion Ratio Lower Upper

146 100

148 63.8 50.6 76.0

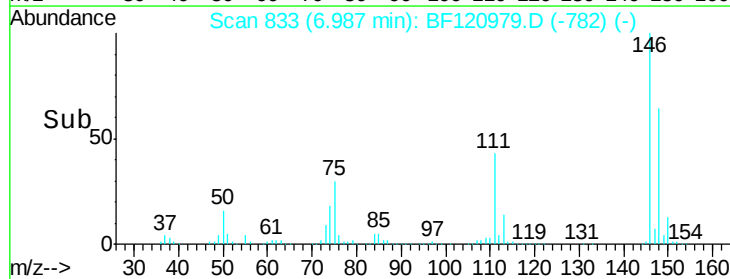
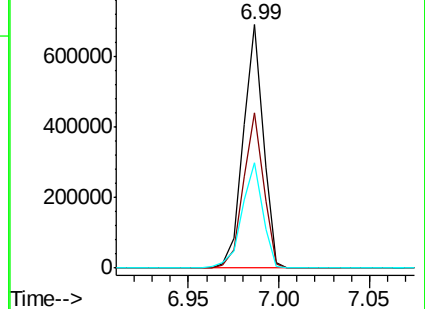
111 43.1 34.2 51.2



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: 38.249 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampled :

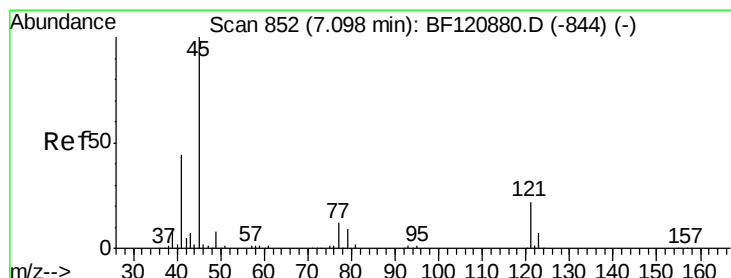
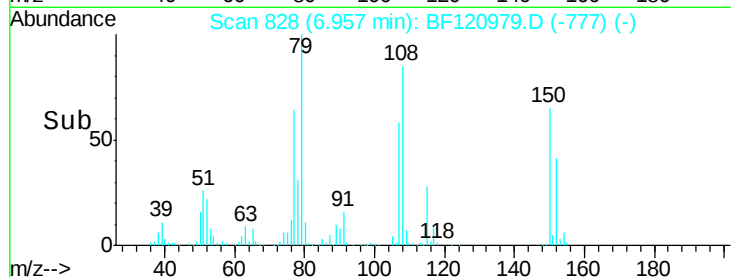
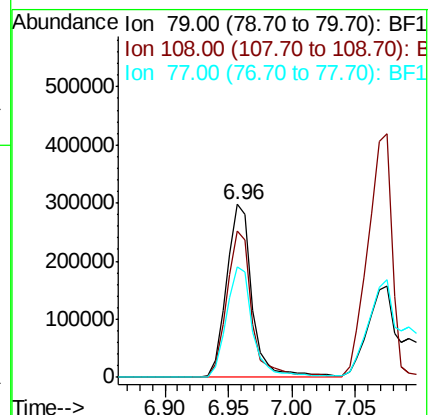
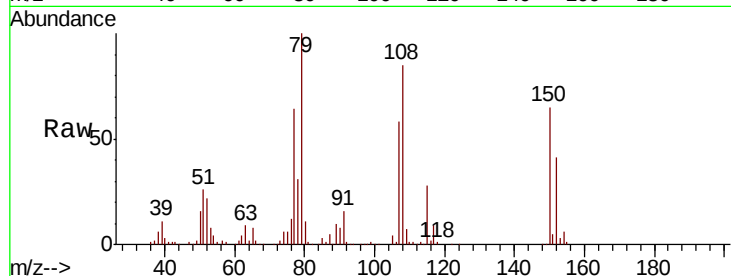
Tot Ion: 79 Resp: 418642

Ion Ratio Lower Upper

79 100

108 84.9 67.0 100.6

77 64.2 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.683 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

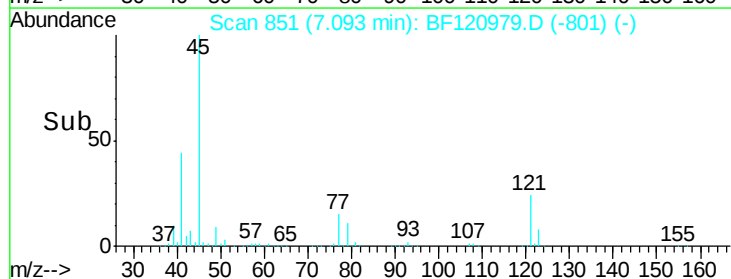
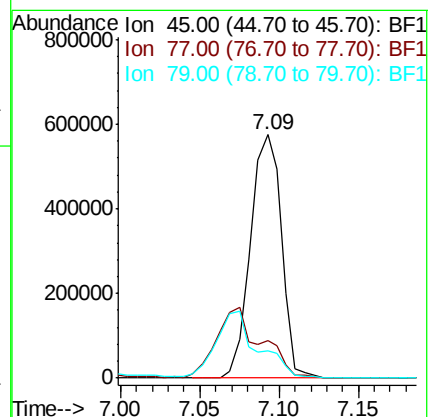
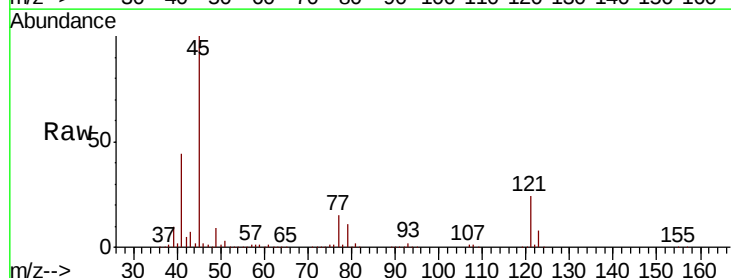
Tgt Ion: 45 Resp: 783916

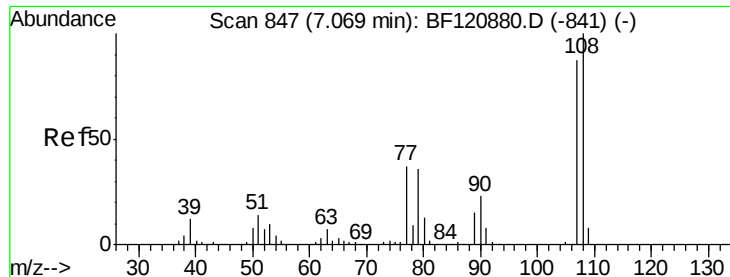
Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.3

79 11.4 0.0 31.0

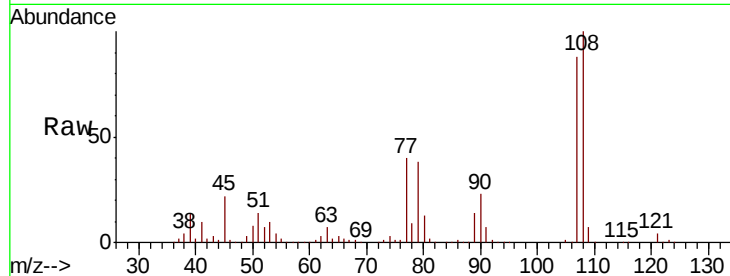




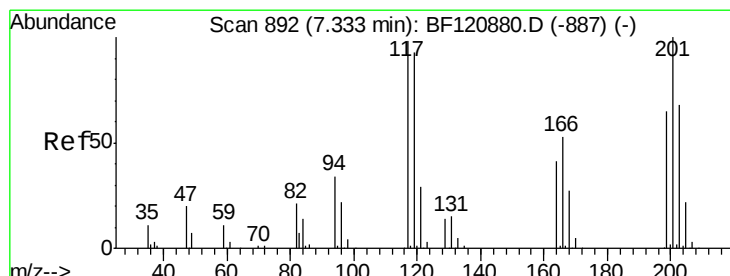
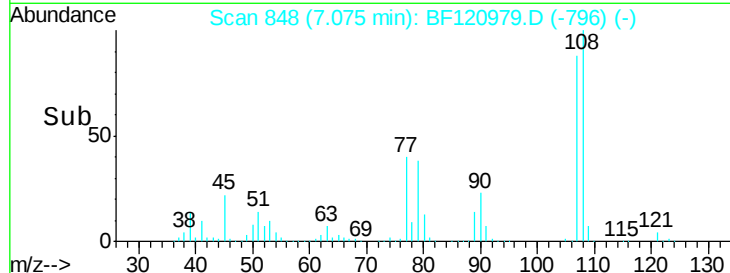
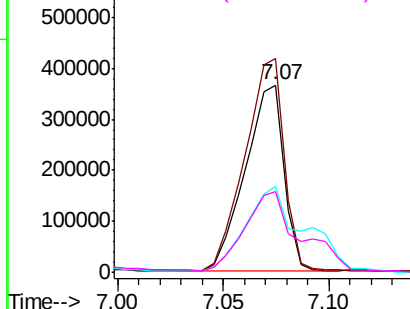
#17
2-Methylphenol
Concen: 39.997 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 467920
Ion Ratio Lower Upper
107 100
108 114.1 92.0 138.0
77 45.7 34.0 51.0
79 42.9 33.3 49.9

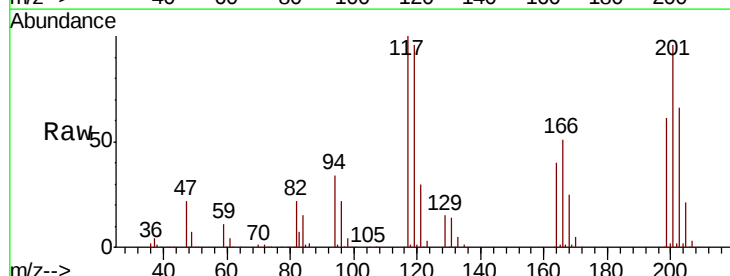


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

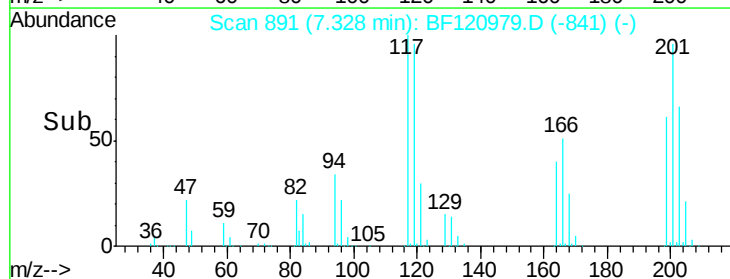
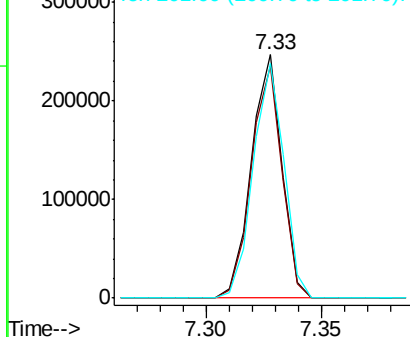


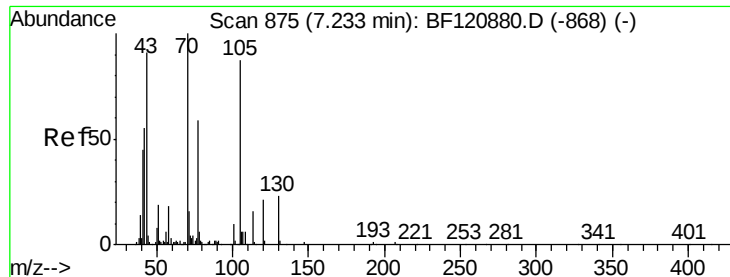
#18
Hexachloroethane
Concen: 44.322 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:117 Resp: 228306
Ion Ratio Lower Upper
117 100
119 95.5 76.0 114.0
201 96.2 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

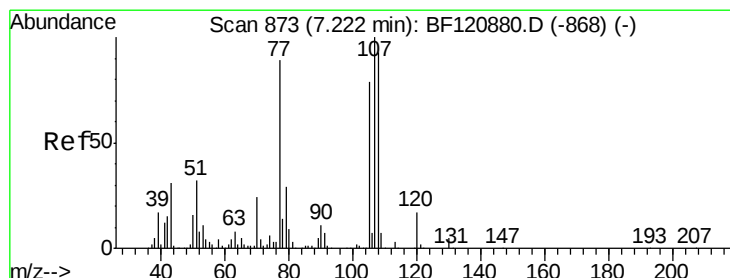
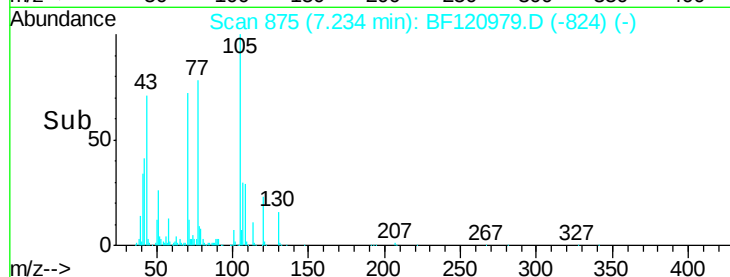
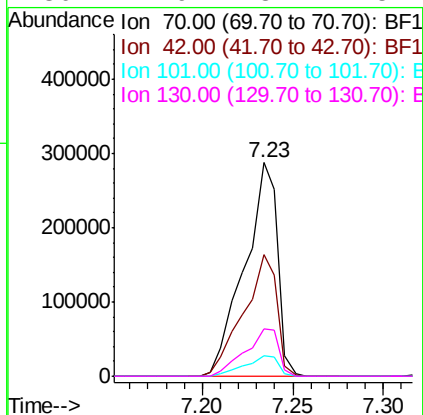
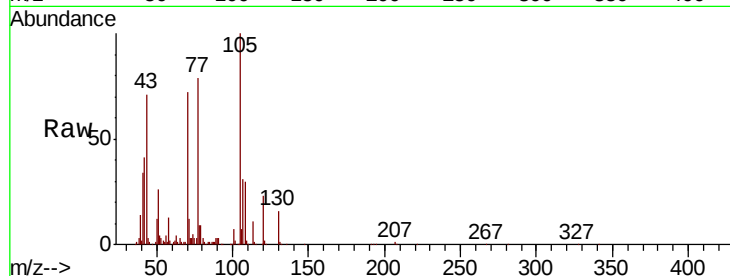




#19
n-Nitroso-di-n-propylamine
Concen: 41.301 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

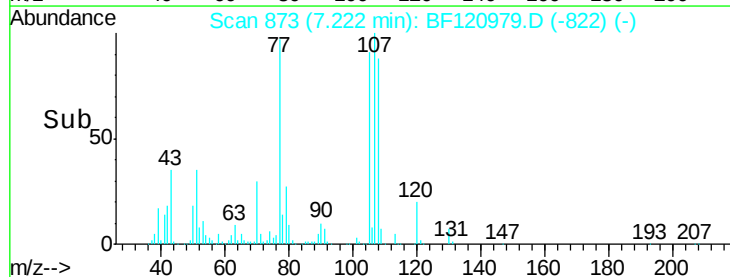
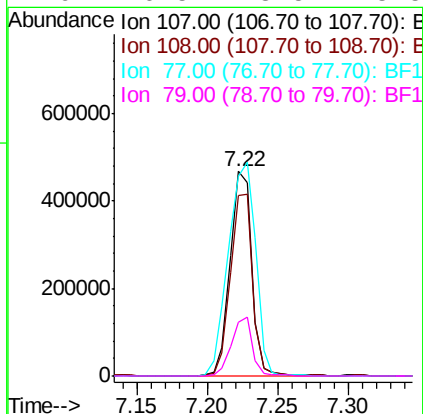
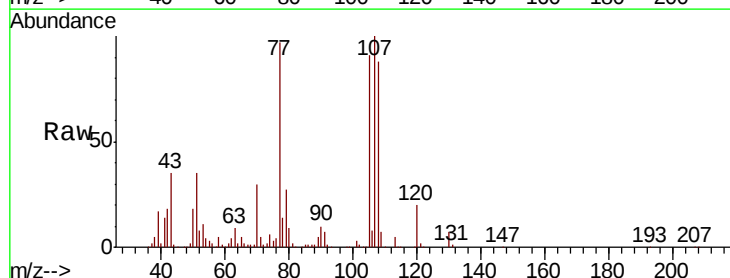
Instrument :
BNA_F
ClientSampleId :

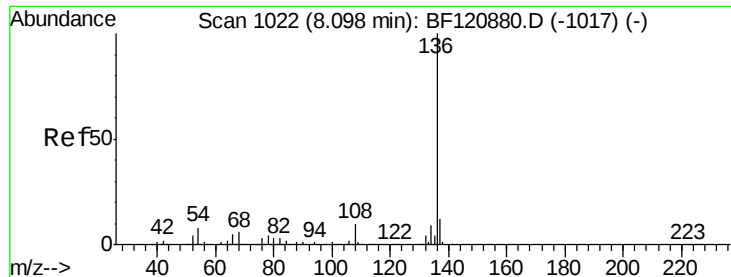
Tot Ion:	70	Resp:	363481
Ion	Ratio	Lower	Upper
70	100		
42	56.9	44.0	66.0
101	9.8	7.8	11.6
130	21.9	18.7	28.1



#20
3+4-Methylphenols
Concen: 33.638 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:	107	Resp:	500602
Ion	Ratio	Lower	Upper
107	100		
108	88.3	72.8	112.8
77	97.5	68.7	108.7
79	26.5	8.5	48.5

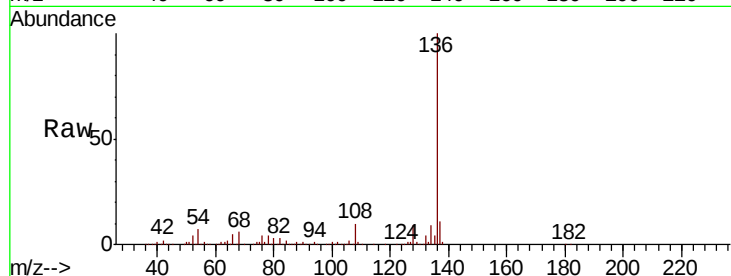




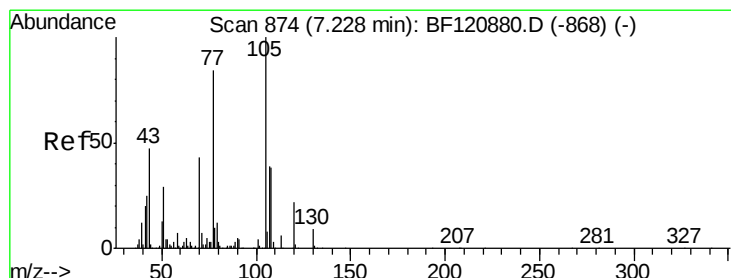
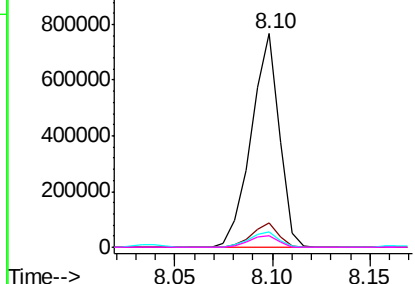
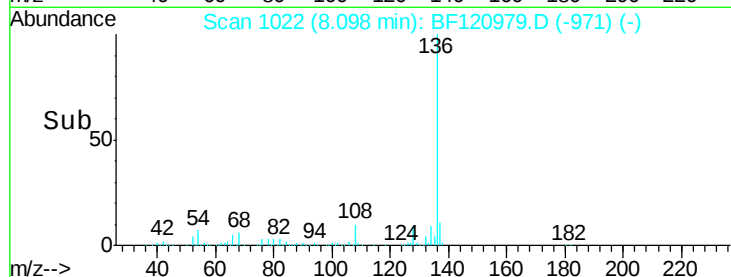
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	762183
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.3	13.9
54 7.2	6.3	9.5
68 5.7	5.0	7.4

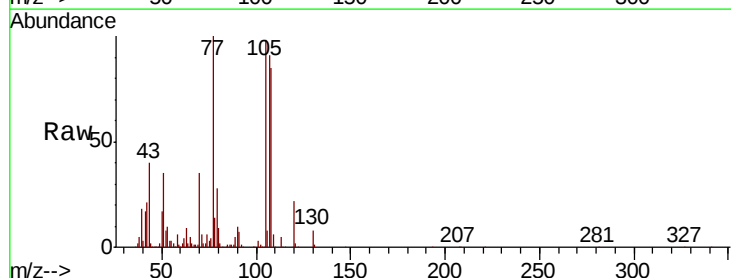


Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF1
800000
Ion 68.00 (67.70 to 68.70): BF1
600000
400000
200000
0

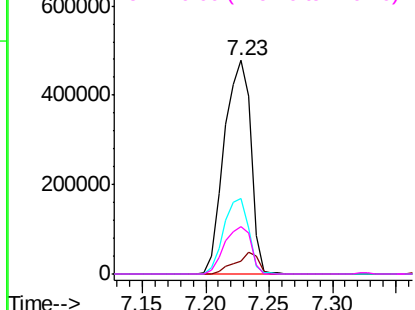
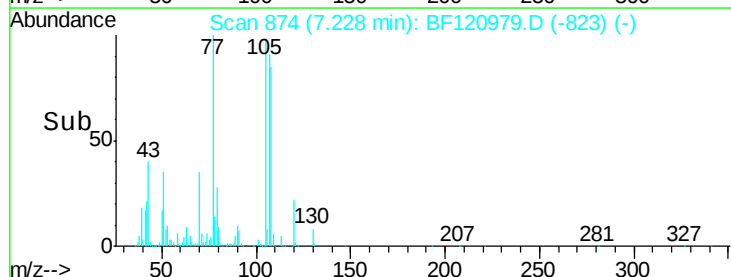


#22
Acetophenone
Concen: 40.464 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt	Ion:105	Resp:	692170
Ion	Ratio	Lower	Upper
105	100		
71	6.2	5.7	8.5
51	35.4	22.9	34.3#
120	22.1	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
400000
Ion 51.00 (50.70 to 51.70): BF1
200000
Ion 120.00 (119.70 to 120.70): E
0

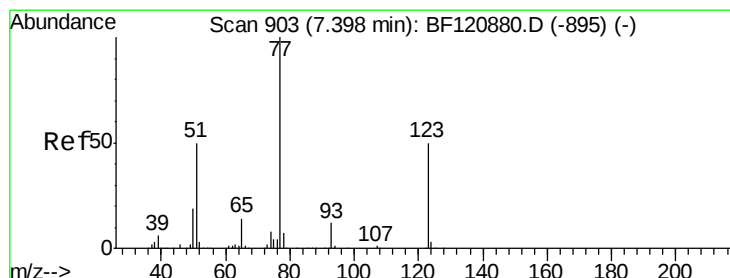
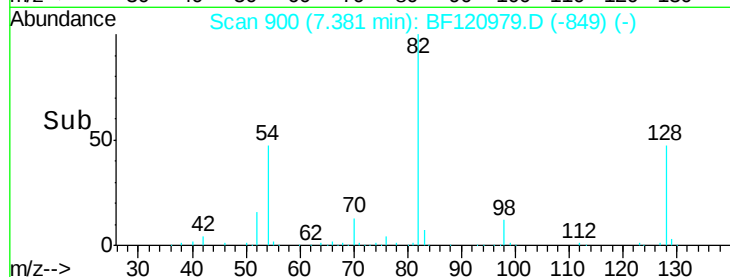
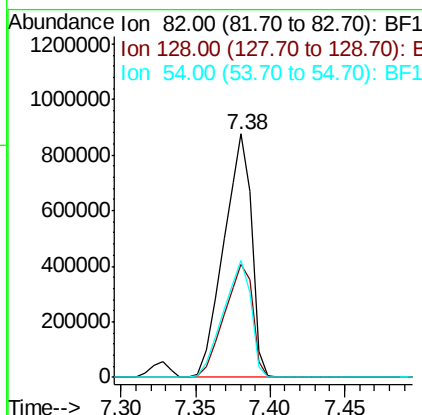
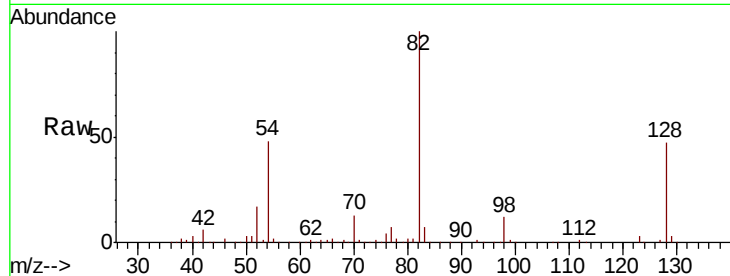




#23
Nitrobenzene-d5
Concen: 86.798 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

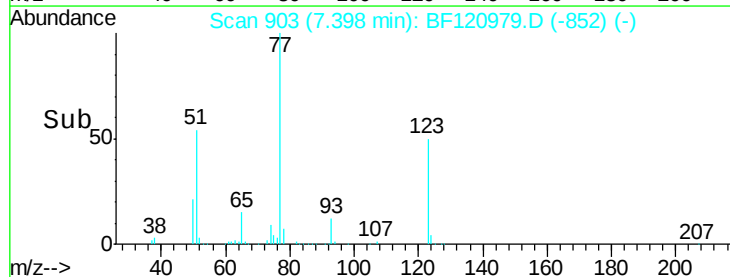
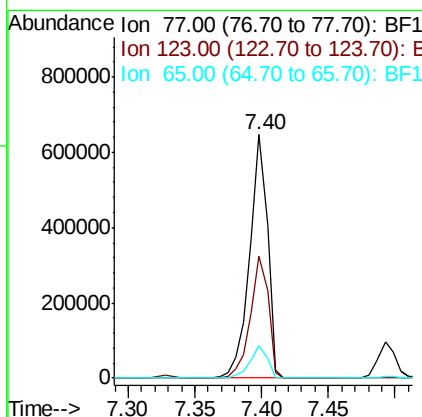
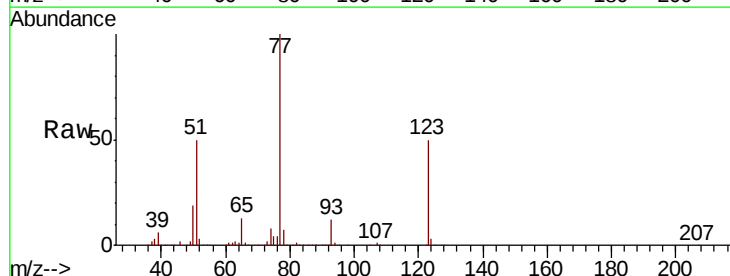
Instrument :
BNA_F
ClientSampled :

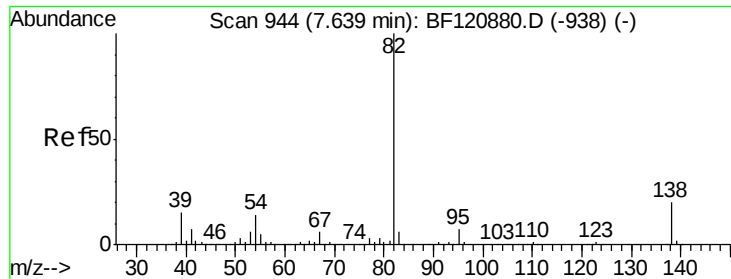
Tot Ion: 82 Resp: 1143318
Ion Ratio Lower Upper
82 100
128 46.6 38.2 57.4
54 48.0 38.7 58.1



#24
Nitrobenzene
Concen: 41.567 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion: 77 Resp: 590129
Ion Ratio Lower Upper
77 100
123 49.9 40.1 60.1
65 13.5 10.8 16.2

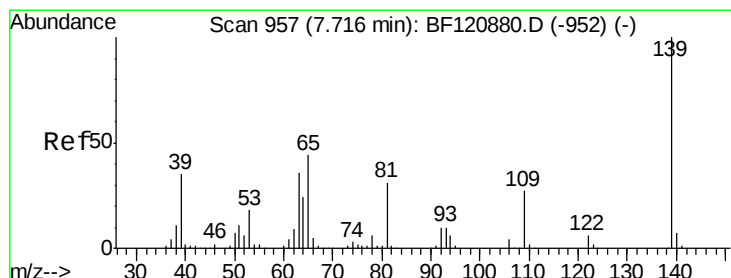
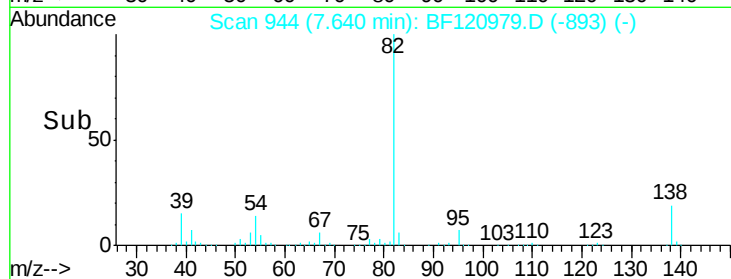
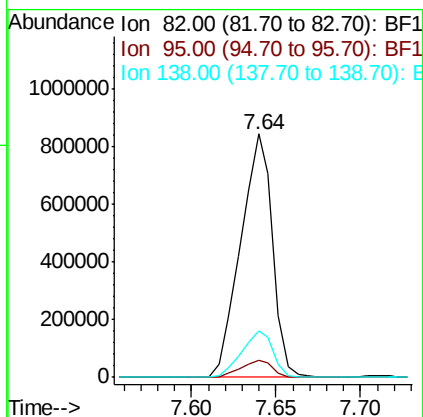
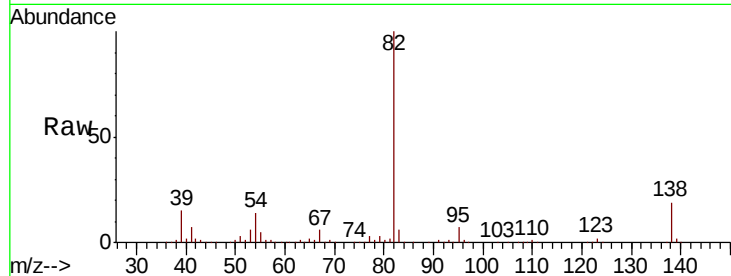




#25
Isophorone
Concen: 42.189 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

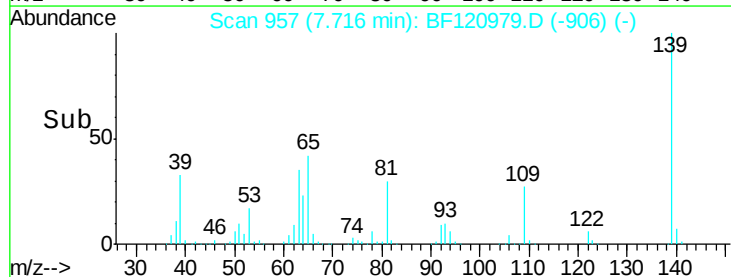
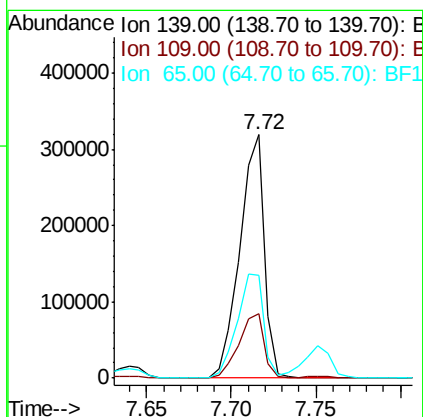
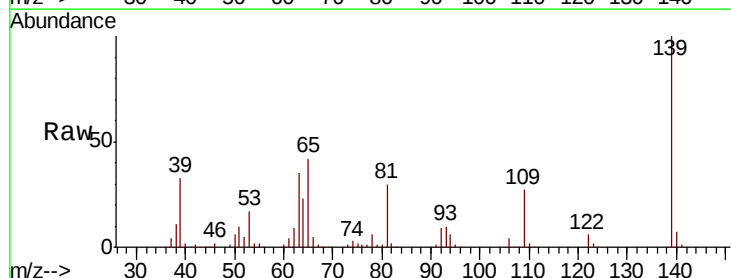
Instrument :
BNA_F
ClientSampled :

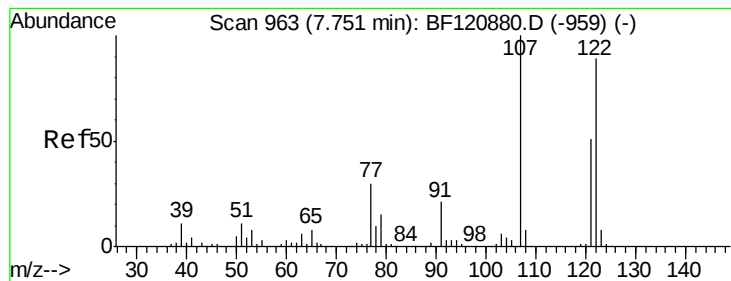
Tot Ion: 82 Resp: 1109104
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 19.0 15.6 23.4



#26
2-Nitrophenol
Concen: 47.858 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion: 139 Resp: 322686
Ion Ratio Lower Upper
139 100
109 26.6 21.6 32.4
65 42.5 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 45.461 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

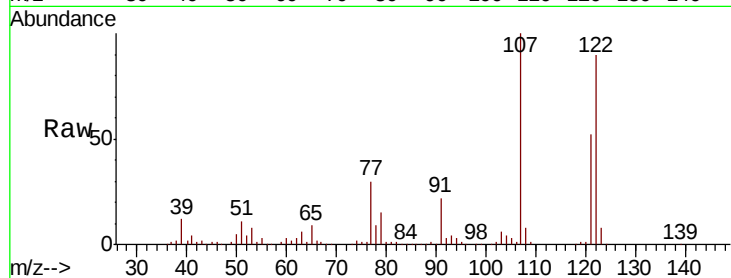
Tot Ion:122 Resp: 497677

Ion Ratio Lower Upper

122 100

107 111.2 89.4 134.0

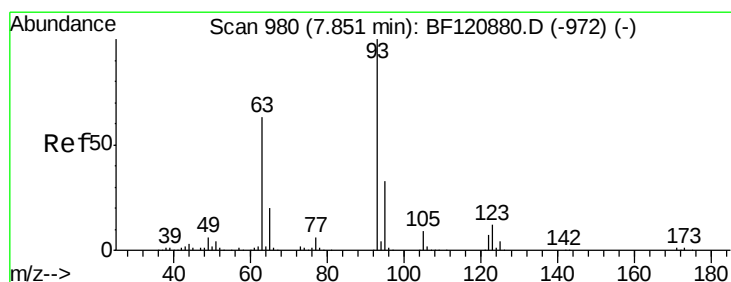
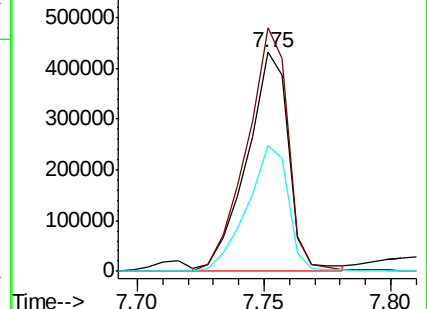
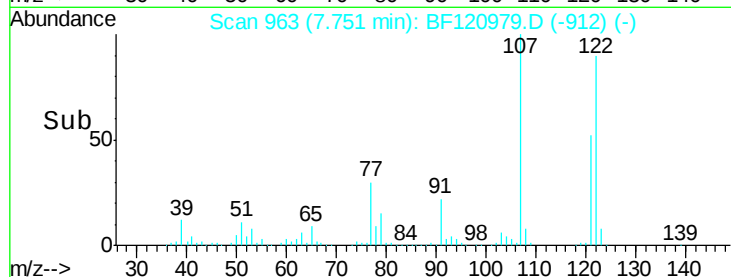
121 57.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.357 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

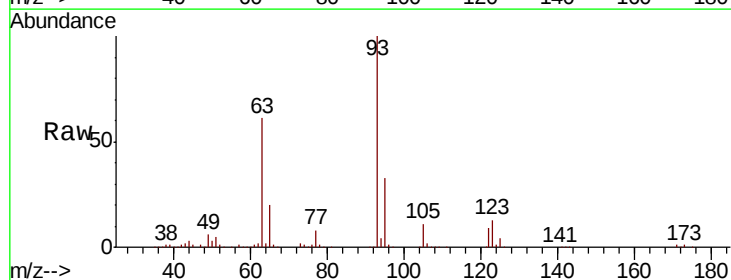
Tgt Ion: 93 Resp: 711802

Ion Ratio Lower Upper

93 100

95 33.1 26.6 39.8

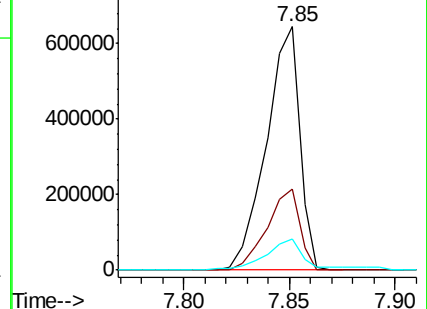
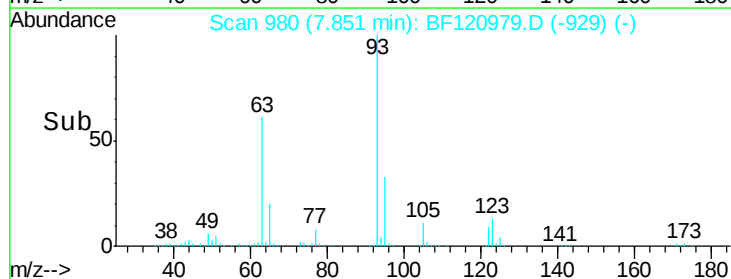
123 12.7 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

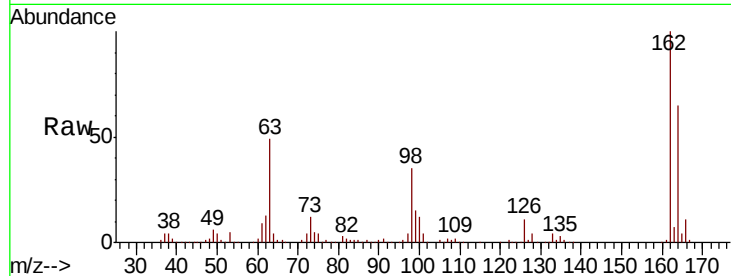




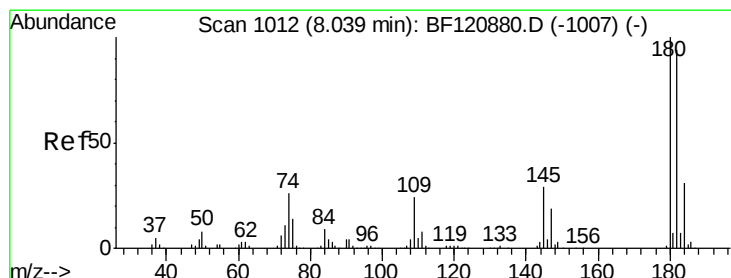
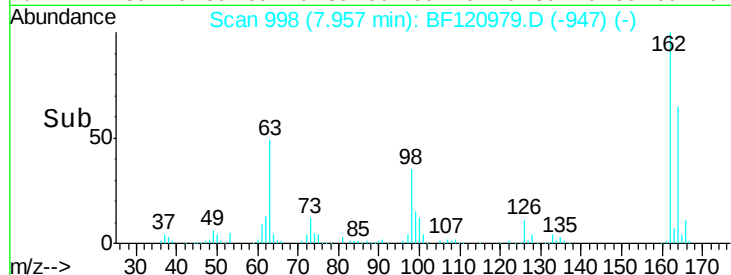
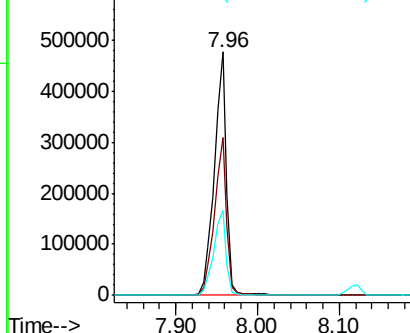
#29
2,4-Dichlorophenol
Concen: 44.307 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 495649
Ion Ratio Lower Upper
162 100
164 64.8 45.3 85.3
98 34.9 13.3 53.3

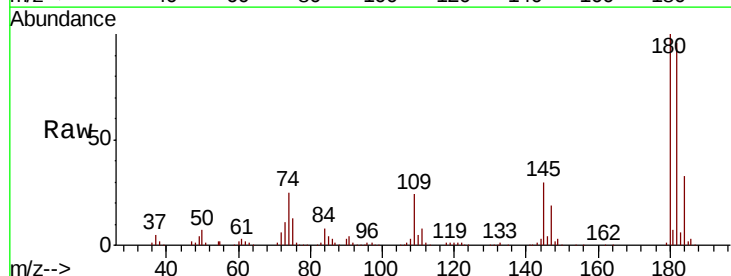


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

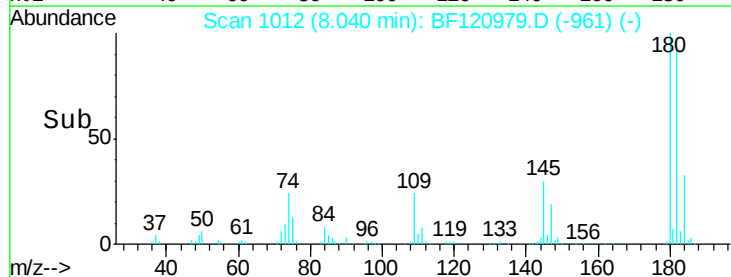
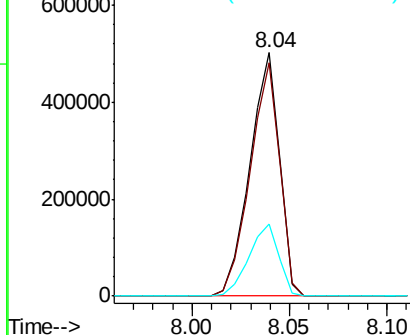


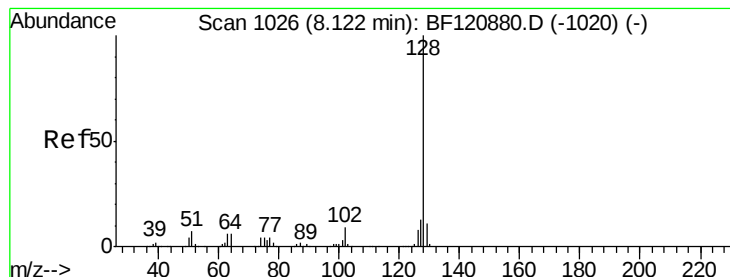
#30
1,2,4-Trichlorobenzene
Concen: 42.411 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:180 Resp: 526371
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.6
145 29.8 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: 41.457 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

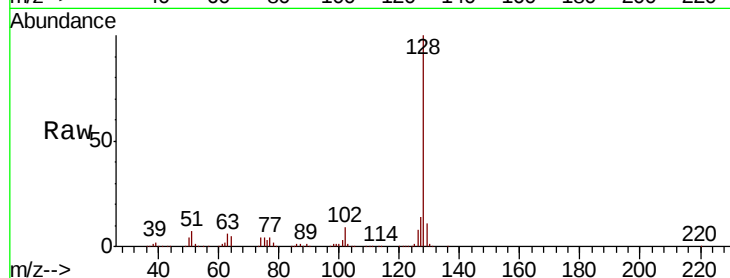
Tot Ion:128 Resp: 1620814

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.8 10.7 16.1

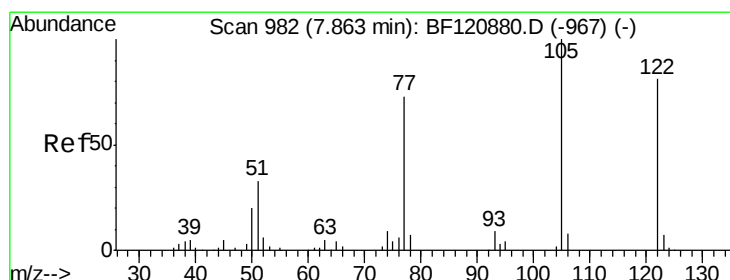
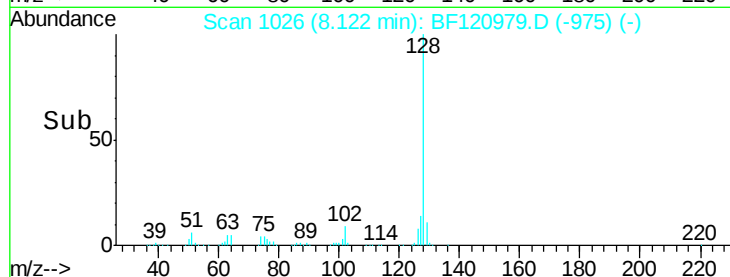
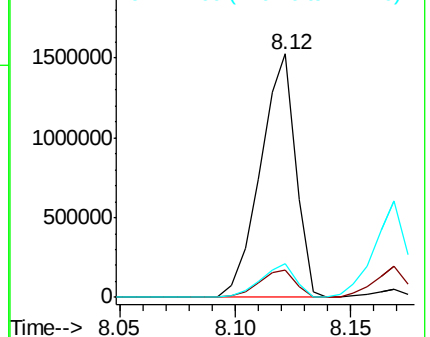


Abundance

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: 47.862 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

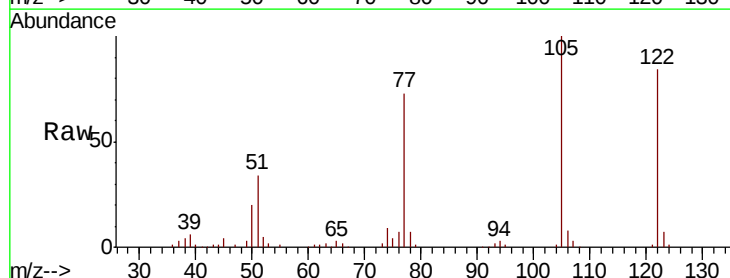
Tgt Ion:122 Resp: 393321

Ion Ratio Lower Upper

122 100

105 118.6 101.3 141.3

77 86.9 69.1 109.1

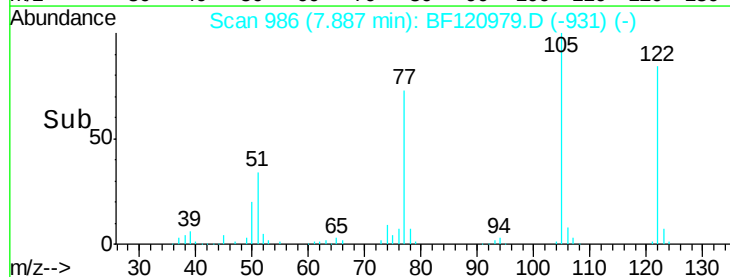
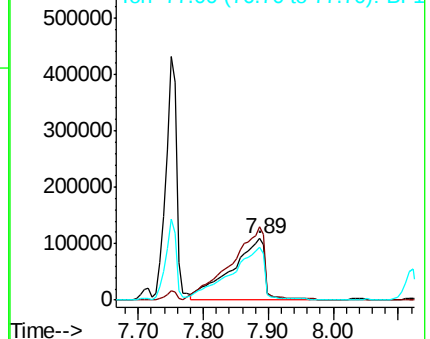


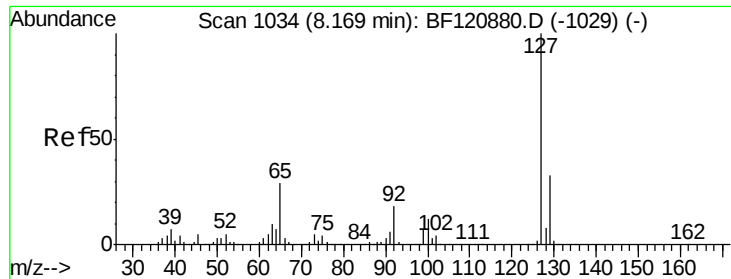
Abundance

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

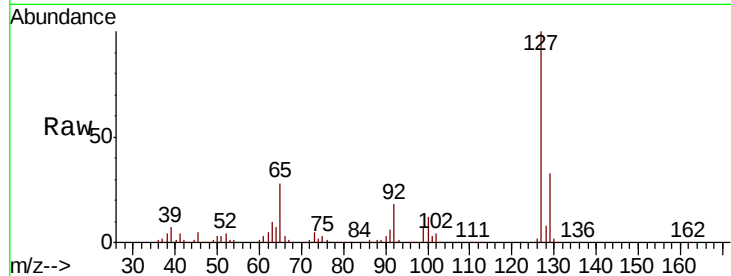




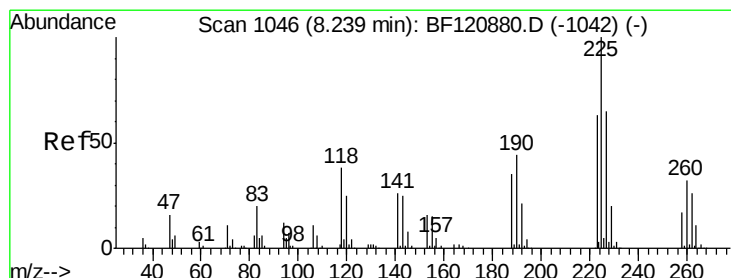
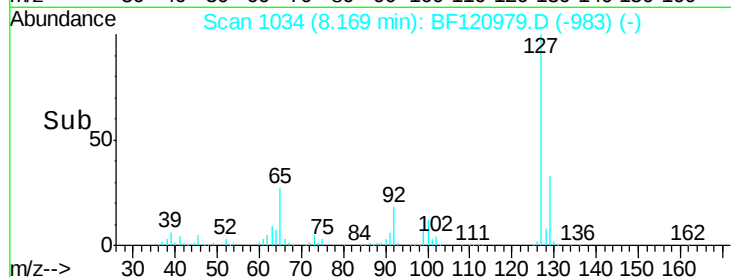
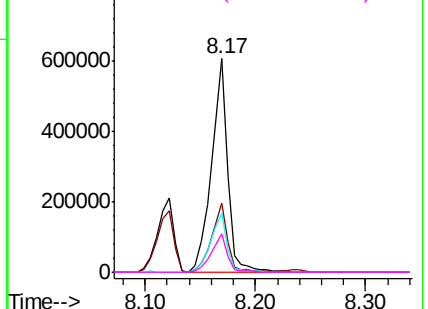
#33
4-Chloroaniline
Concen: 34.579 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	603082
Ion Ratio	Lower	Upper
127	100	
129	32.6	26.5 39.7
65	27.7	23.0 34.4
92	17.8	14.5 21.7

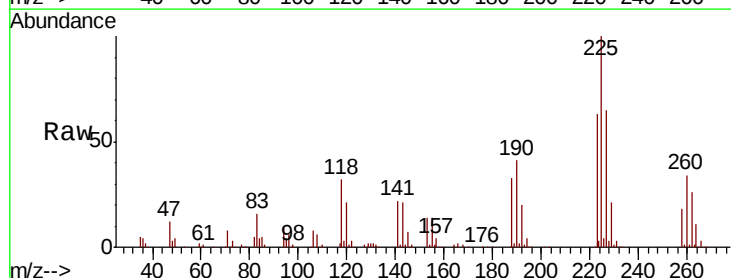


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

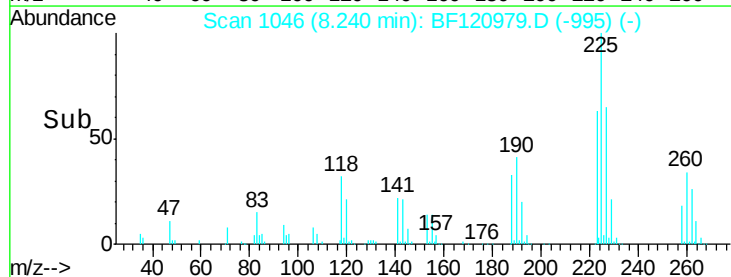
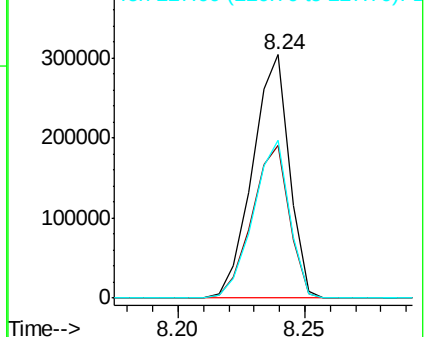


#34
Hexachlorobutadiene
Concen: 41.670 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:225	Resp:	304877
Ion Ratio	Lower	Upper
225	100	
223	62.7	50.6 76.0
227	64.8	52.2 78.2



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

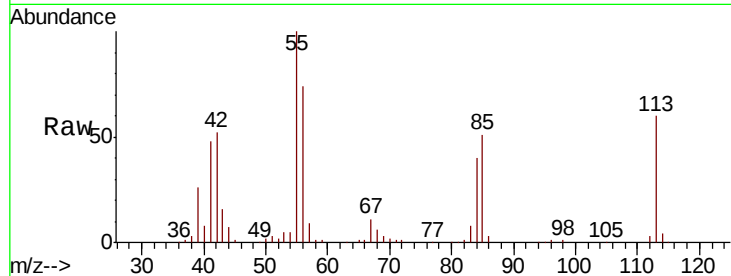




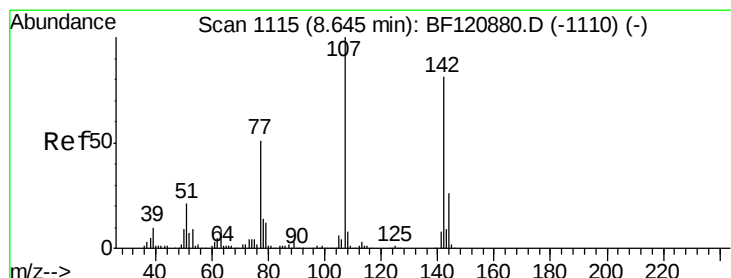
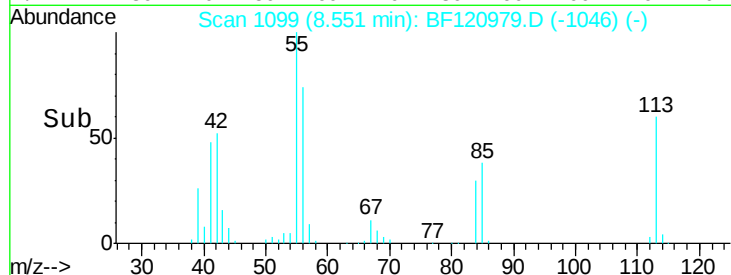
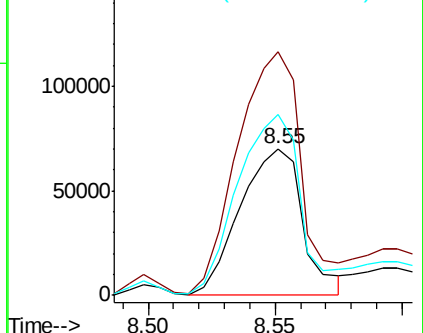
#35
 Caprolactam
 Concen: 33.876 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 121526
 Ion Ratio Lower Upper
 113 100
 55 166.2 143.3 183.3
 56 123.5 99.4 139.4

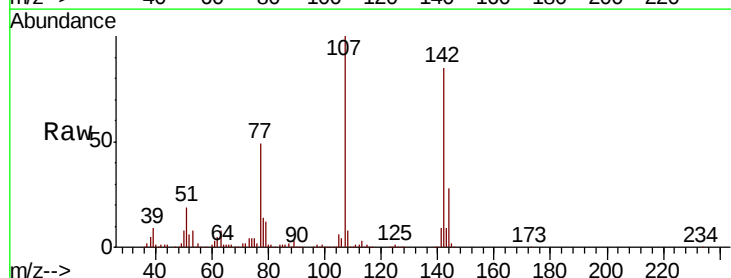


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

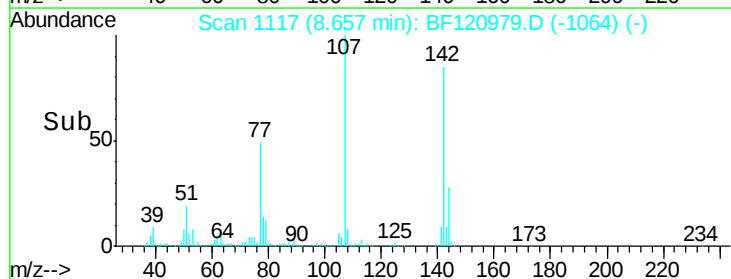
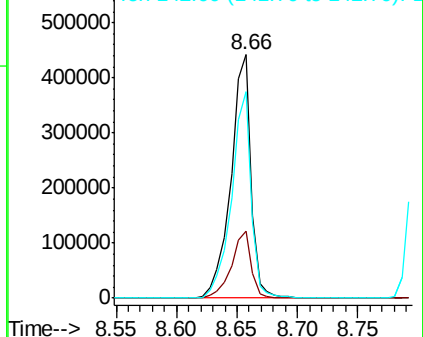


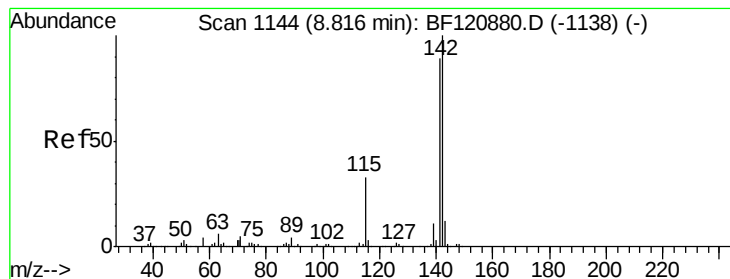
#36
 4-Chloro-3-methylphenol
 Concen: 44.864 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion:107 Resp: 514719
 Ion Ratio Lower Upper
 107 100
 144 27.7 21.0 31.6
 142 85.0 65.0 97.6



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





#37

2-Methylnaphthalene

Concen: 43.722 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

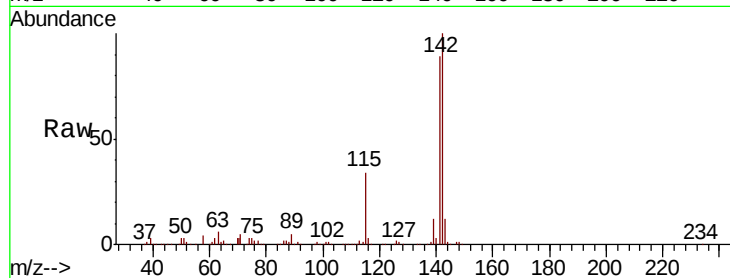
Tot Ion:142 Resp: 1109902

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.4

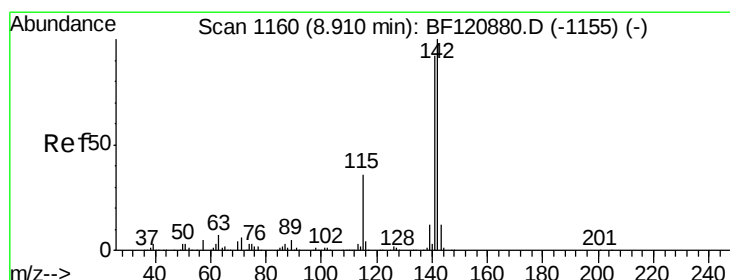
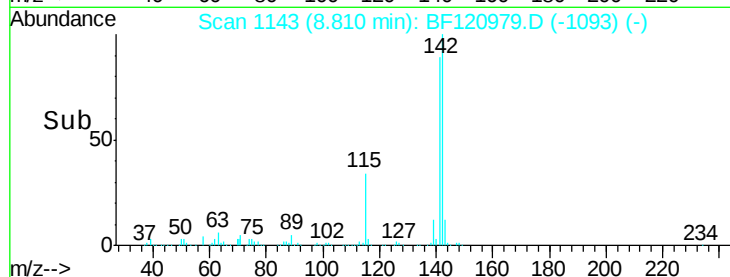
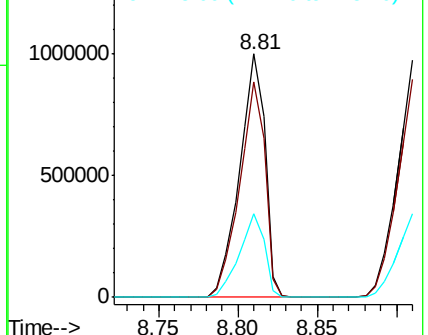
115 34.2 26.0 39.0



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: 43.529 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

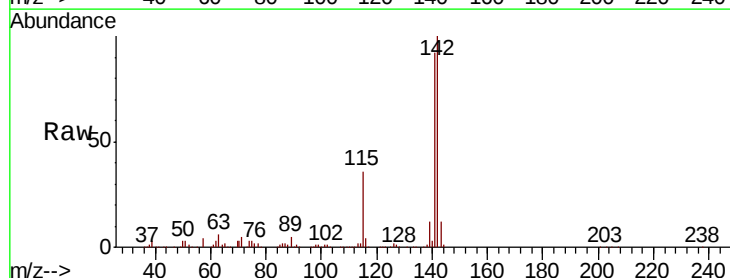
Tgt Ion:142 Resp: 1046556

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

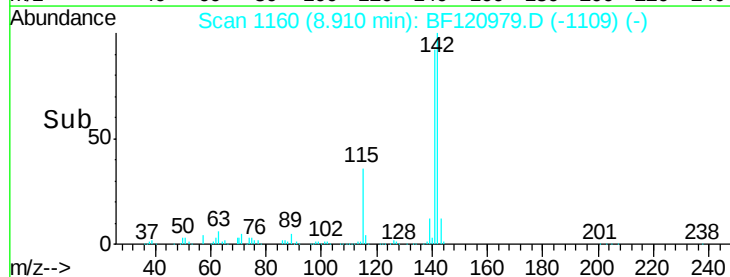
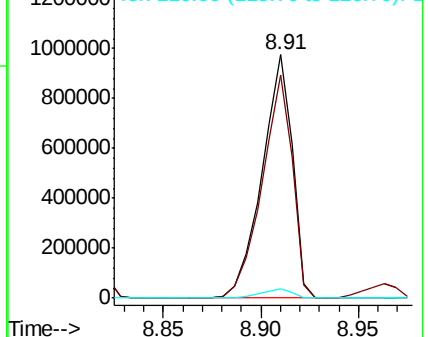
116 3.8 3.0 4.6

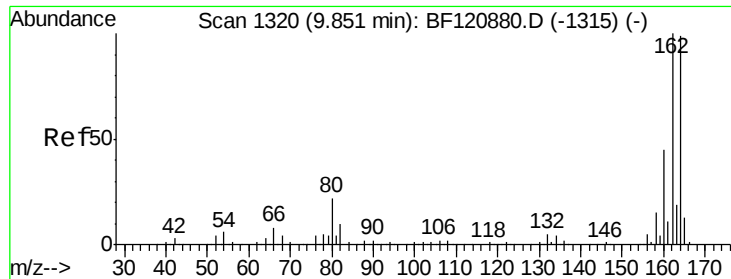


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

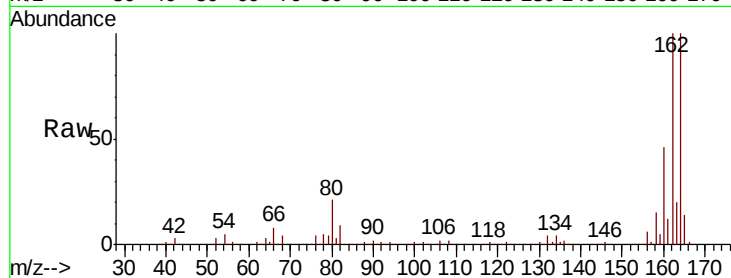




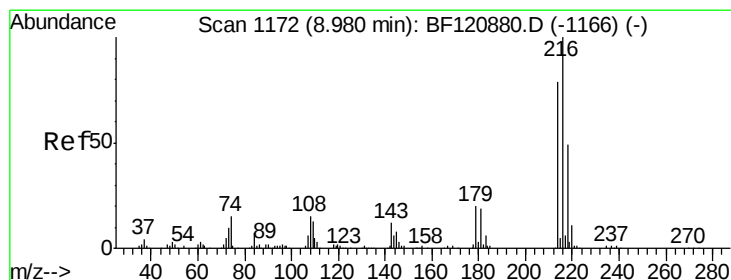
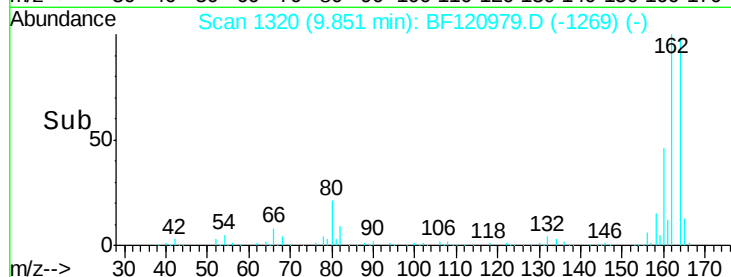
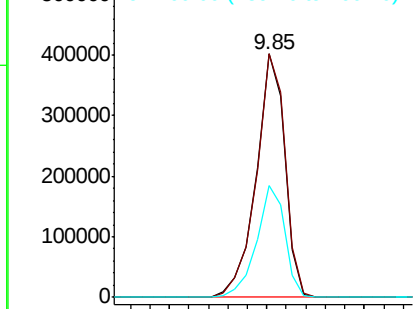
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 408223
Ion Ratio Lower Upper
164 100
162 99.8 81.2 121.8
160 46.1 36.9 55.3

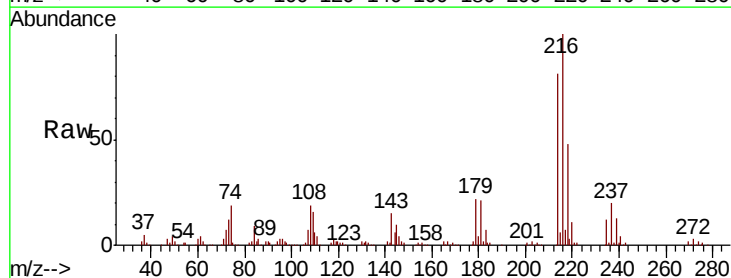


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

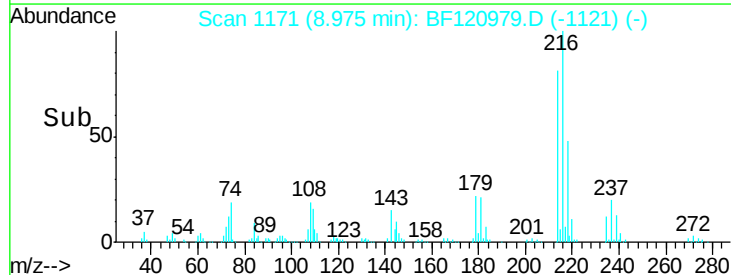
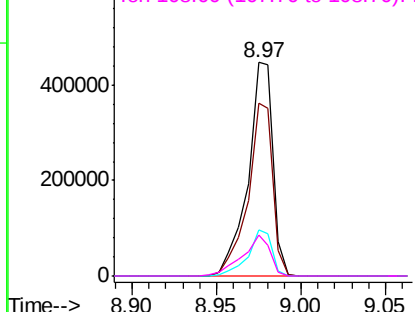


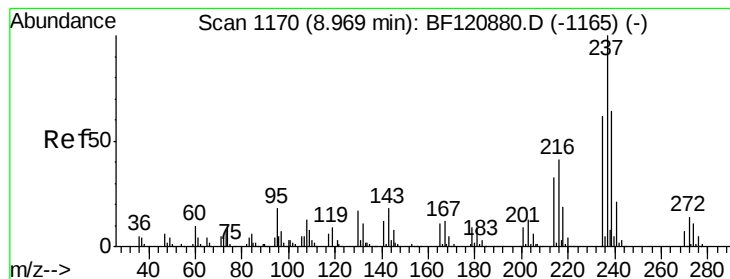
#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.189 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:216 Resp: 466105
Ion Ratio Lower Upper
216 100
214 79.9 63.8 95.8
179 20.7 16.6 24.8
108 20.8 15.4 23.0



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





#41

Hexachlorocyclopentadiene

Concen: 78.745 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

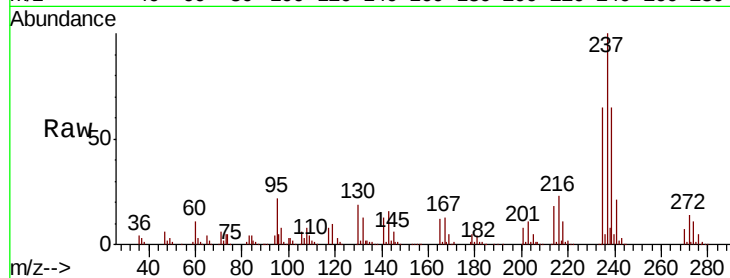
Tot Ion:237 Resp: 517633

Ion Ratio Lower Upper

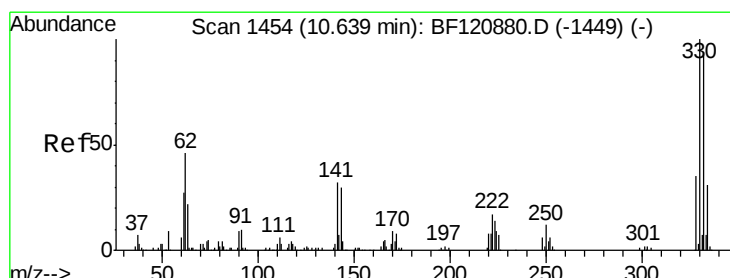
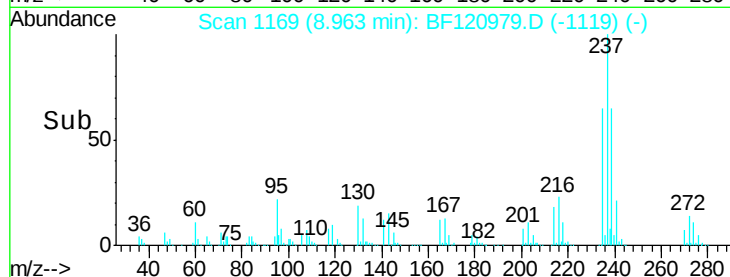
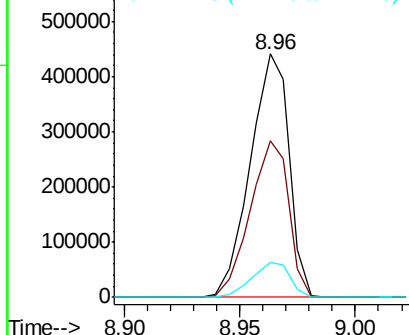
237 100

235 64.5 41.6 81.6

272 14.1 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: 117.954 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

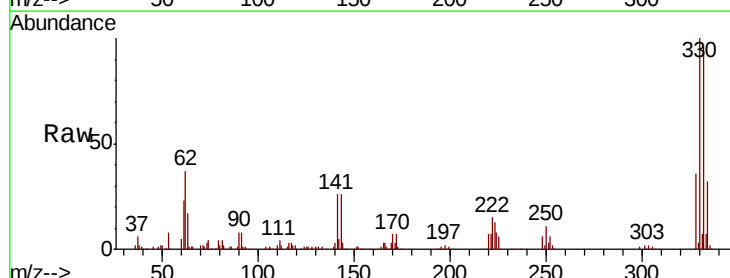
Tgt Ion:330 Resp: 527064

Ion Ratio Lower Upper

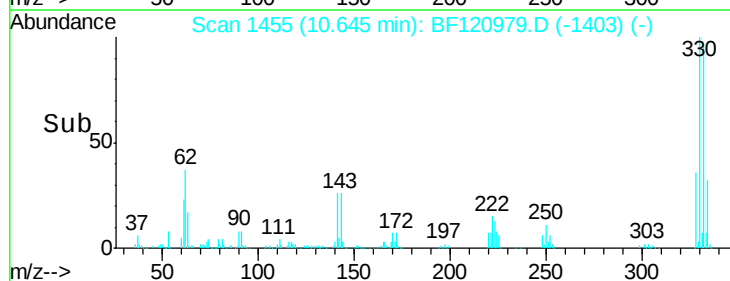
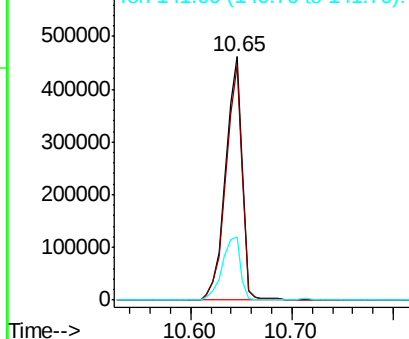
330 100

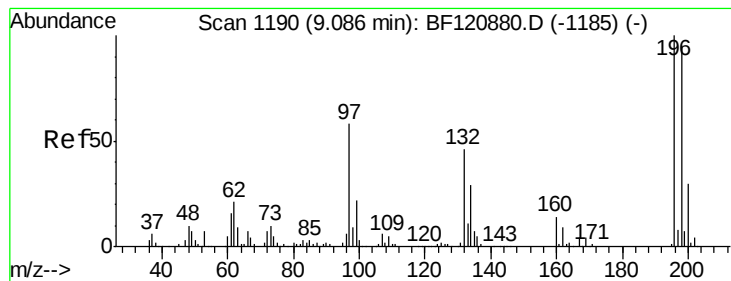
332 95.5 75.5 113.3

141 28.7 25.7 38.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.764 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampled :

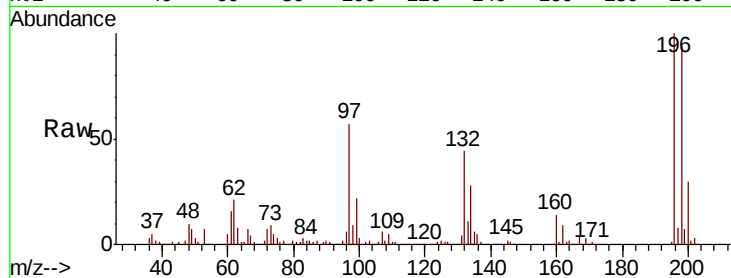
Tot Ion:196 Resp: 366497

Ion Ratio Lower Upper

196 100

198 93.8 75.7 113.5

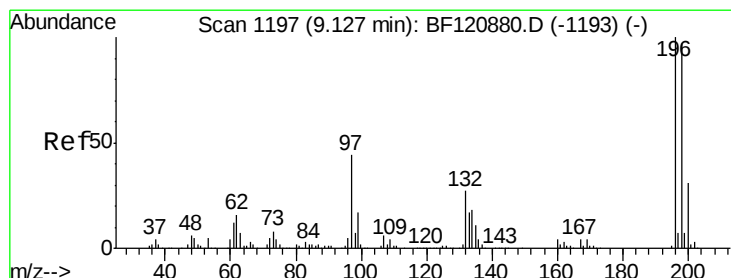
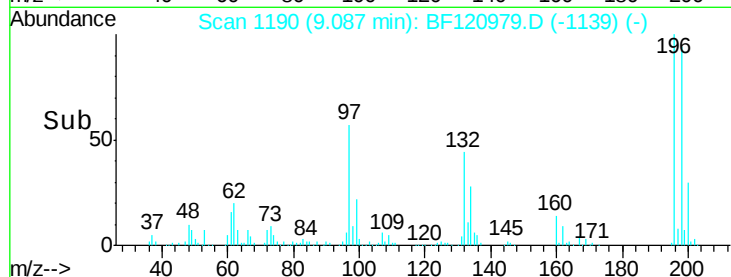
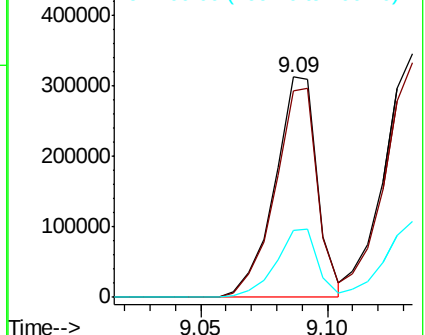
200 30.3 24.4 36.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 40.864 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Tgt Ion:196 Resp: 388180

Ion Ratio Lower Upper

196 100

198 96.4 77.6 116.4

97 45.3 35.6 53.4

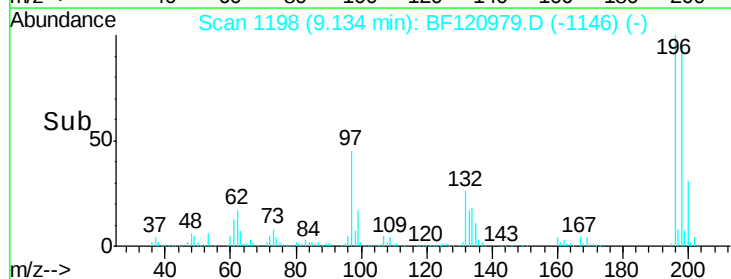
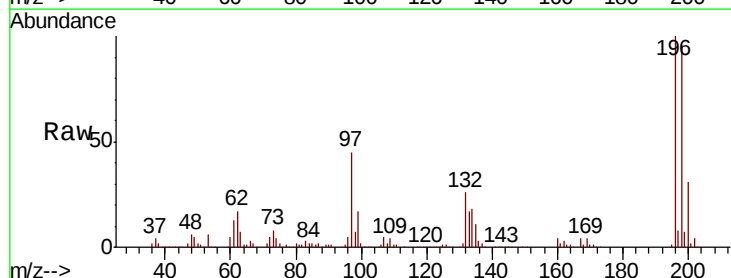
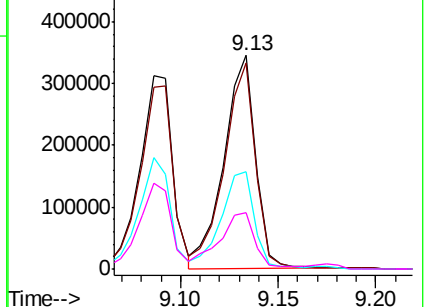
132 26.5 21.5 32.3

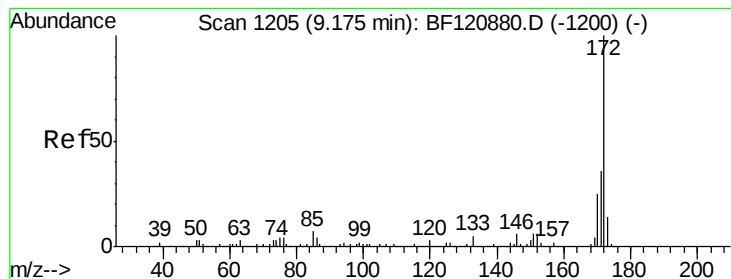
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 73.225 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

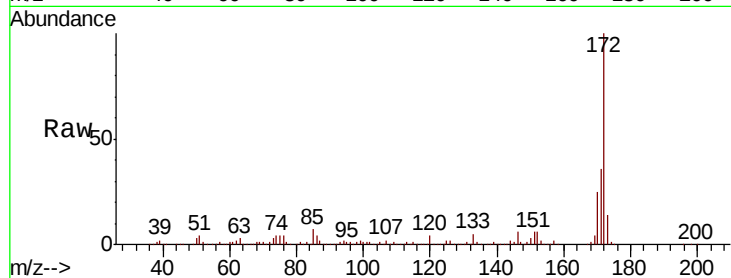
Tot Ion:172 Resp: 2002094

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

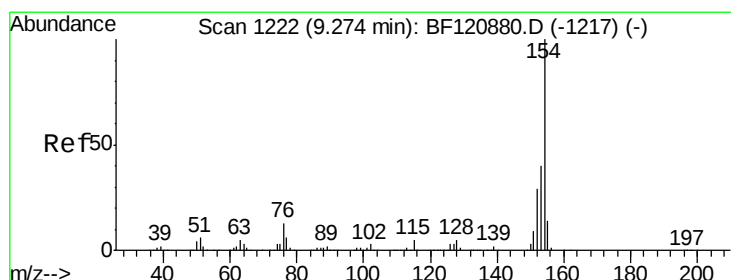
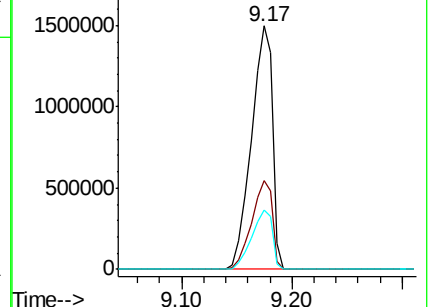
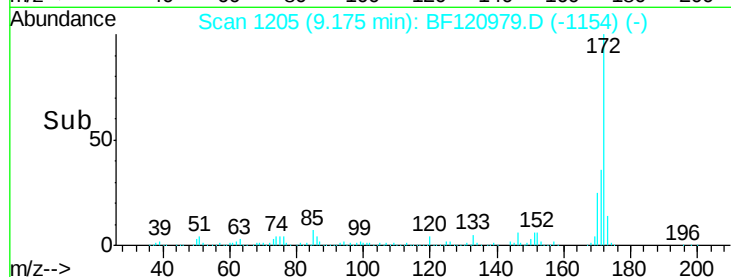
170 24.5 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

2000000 Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.999 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

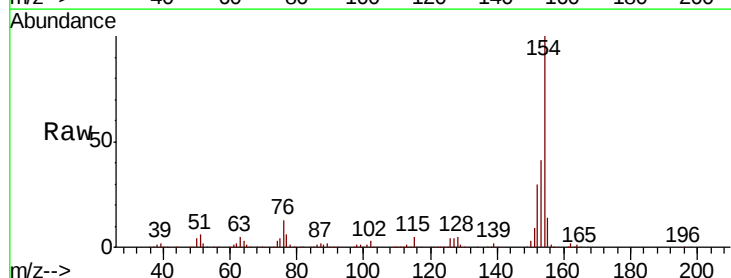
Tgt Ion:154 Resp: 1276666

Ion Ratio Lower Upper

154 100

153 40.9 20.4 60.4

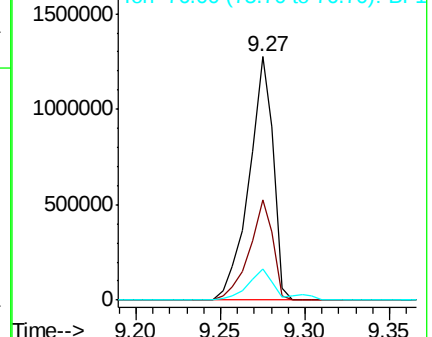
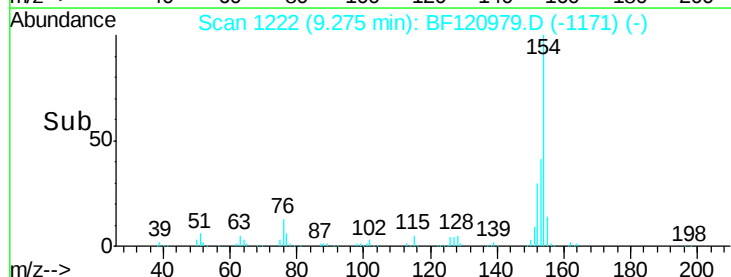
76 12.8 0.0 33.1

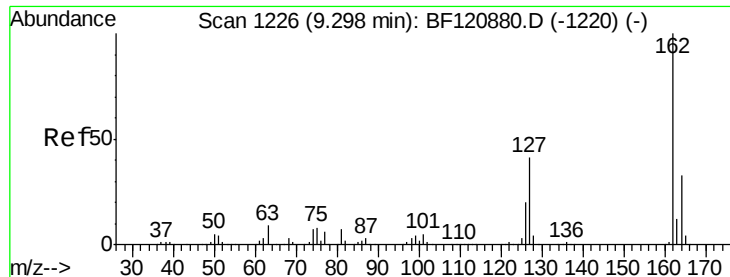


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

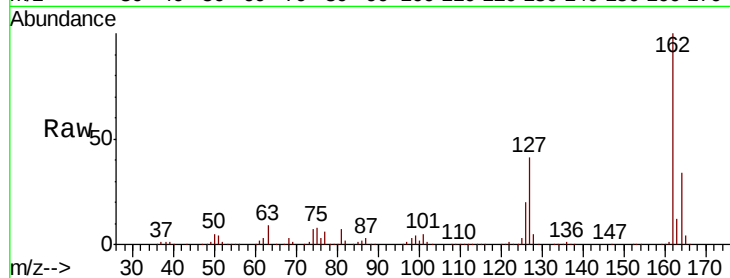




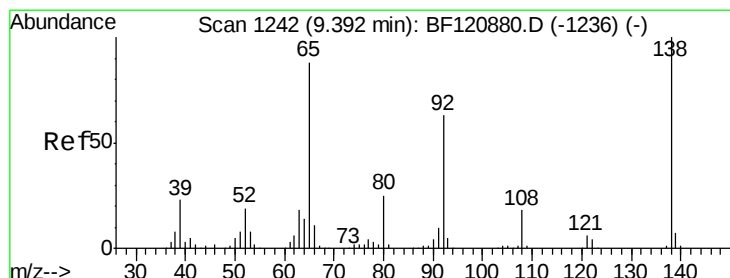
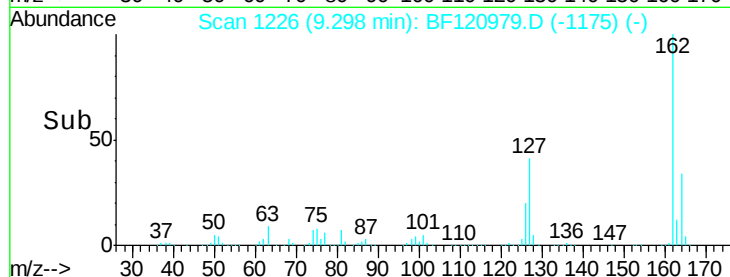
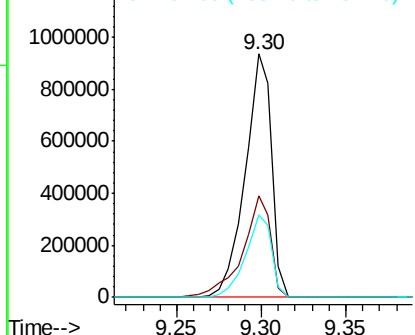
#47
 2-Chloronaphthalene
 Concen: 40.170 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1019840
 Ion Ratio Lower Upper
 162 100
 127 41.5 33.3 49.9
 164 33.7 26.6 39.8

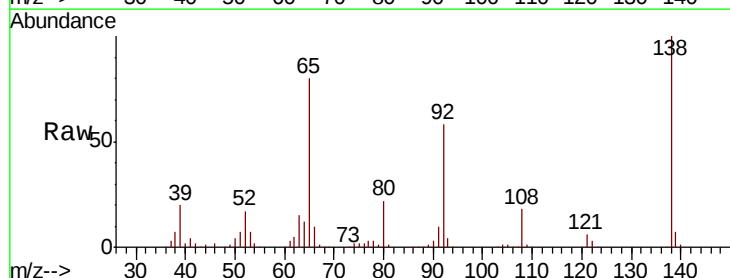


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

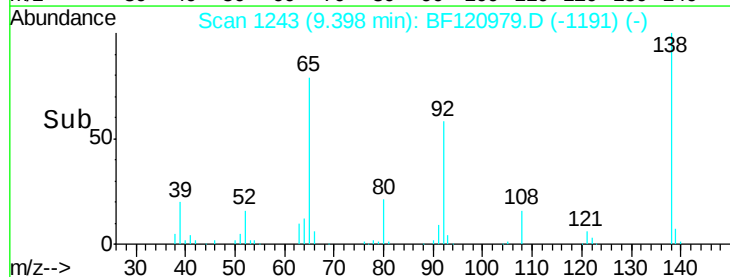
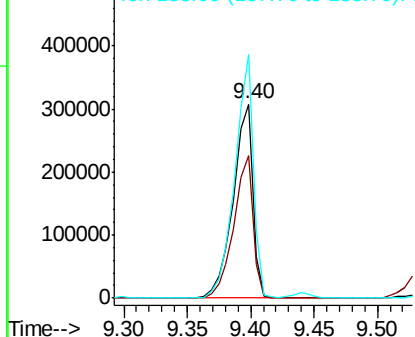


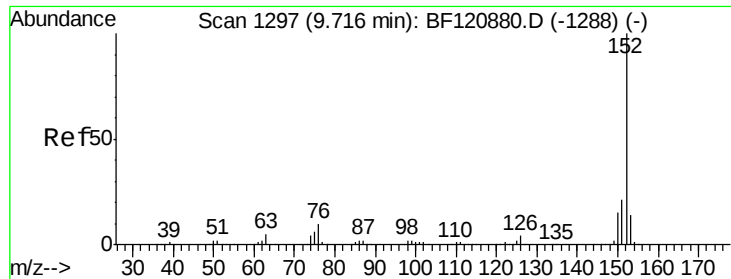
#48
 2-Nitroaniline
 Concen: 42.871 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion: 65 Resp: 328920
 Ion Ratio Lower Upper
 65 100
 92 73.5 57.0 85.4
 138 125.6 90.4 135.6



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





#49

Acenaphthylene

Concen: 40.817 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

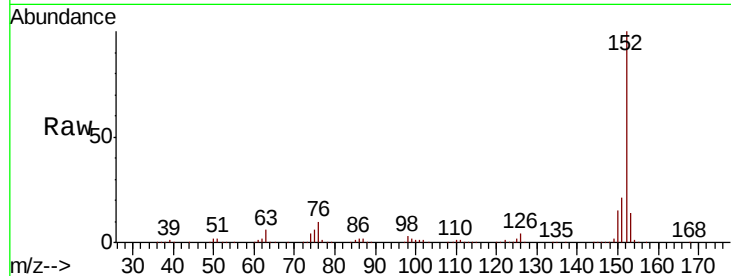
Tot Ion:152 Resp: 1609870

Ion Ratio Lower Upper

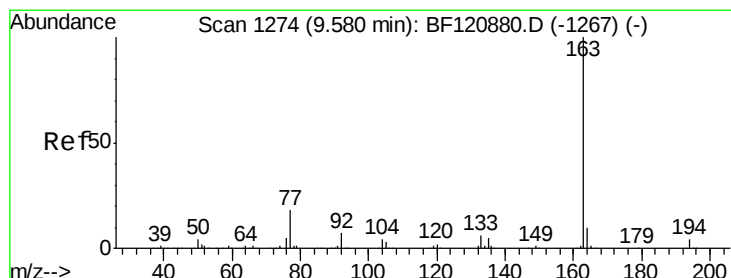
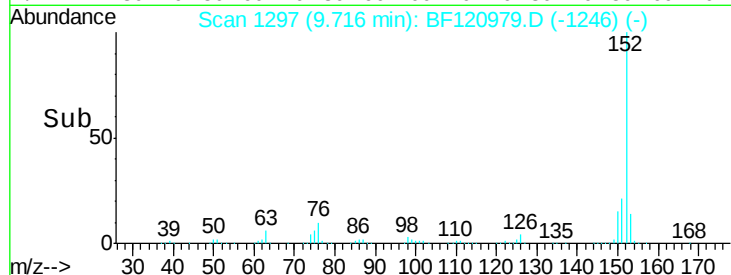
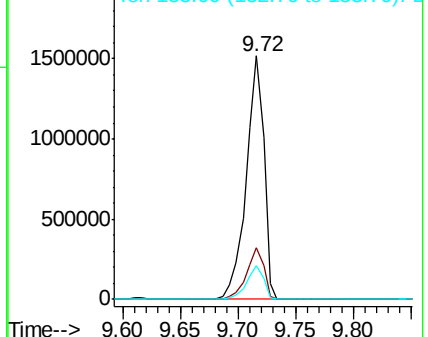
152 100

151 21.3 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: 42.945 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

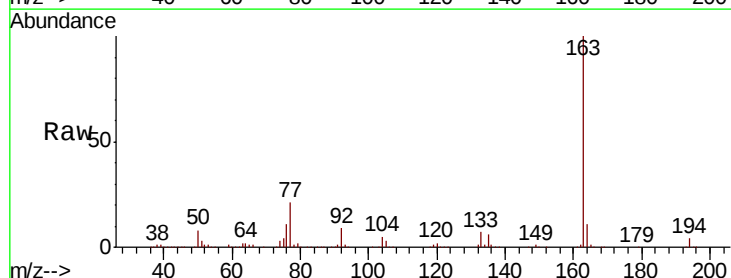
Tgt Ion:163 Resp: 1264775

Ion Ratio Lower Upper

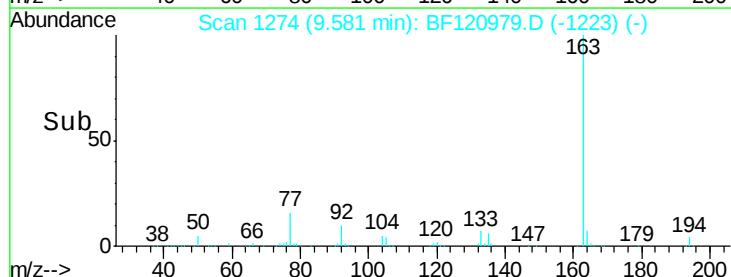
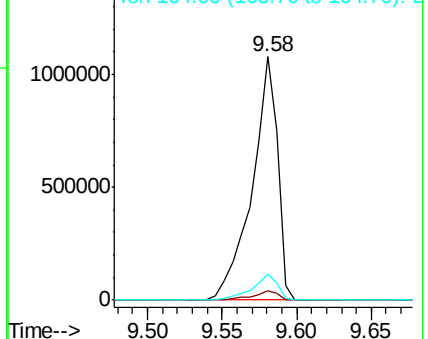
163 100

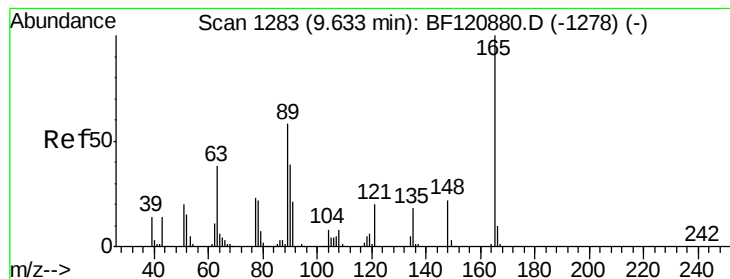
194 3.8 3.2 4.8

164 10.5 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: 44.908 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

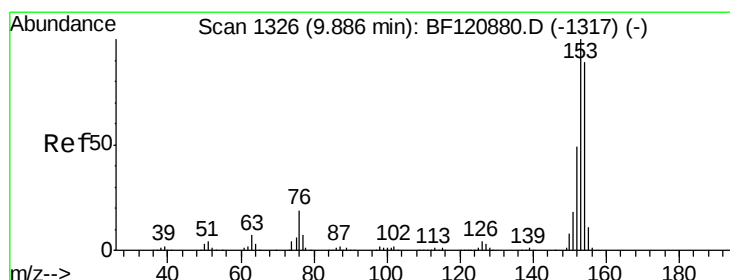
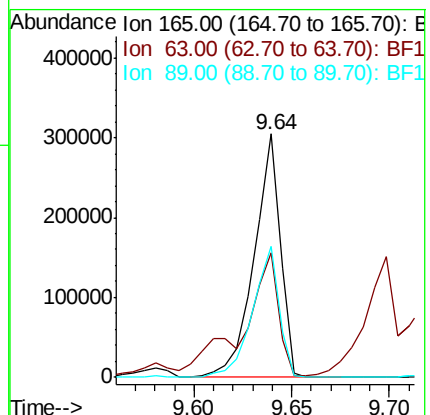
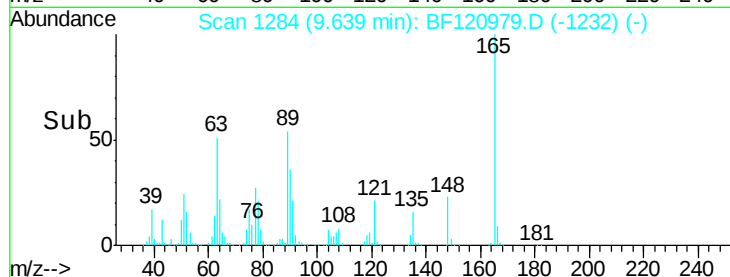
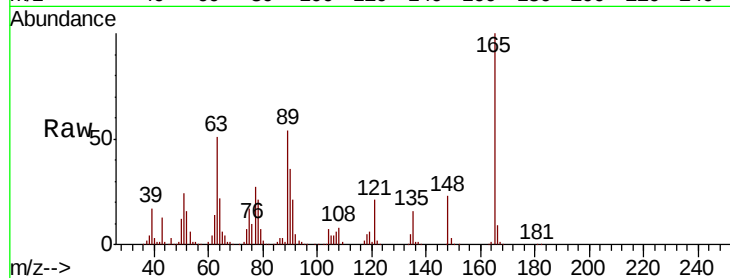
Tot Ion:165 Resp: 284144

Ion Ratio Lower Upper

165 100

63 51.2 45.4 68.2

89 53.9 47.0 70.4



#52

Acenaphthene

Concen: 39.132 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

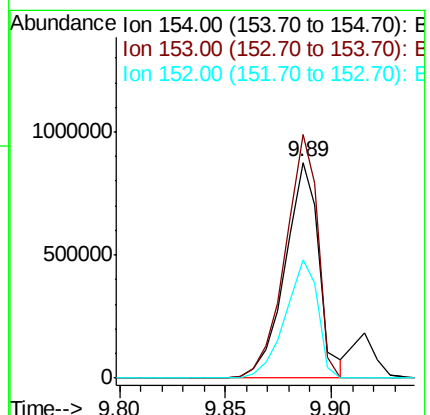
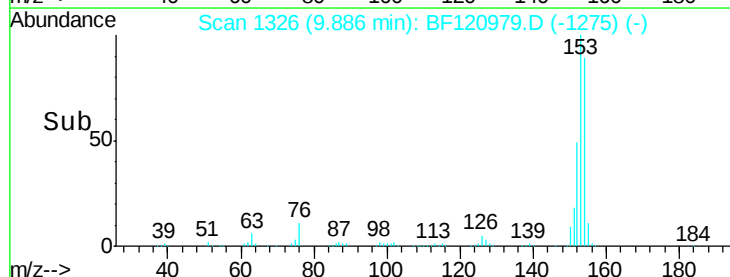
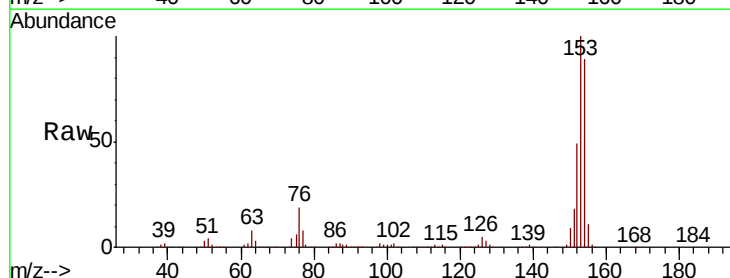
Tgt Ion:154 Resp: 981238

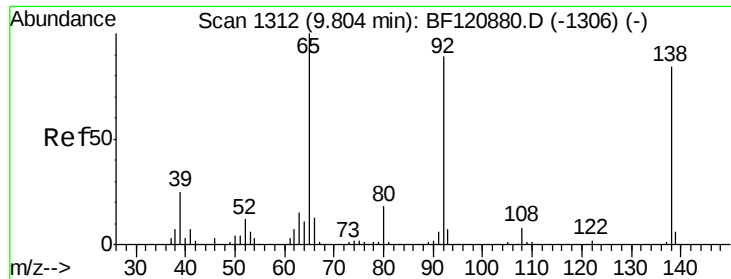
Ion Ratio Lower Upper

154 100

153 113.0 89.5 134.3

152 55.1 44.2 66.2

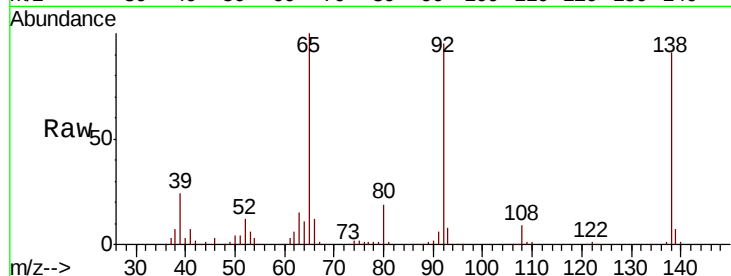




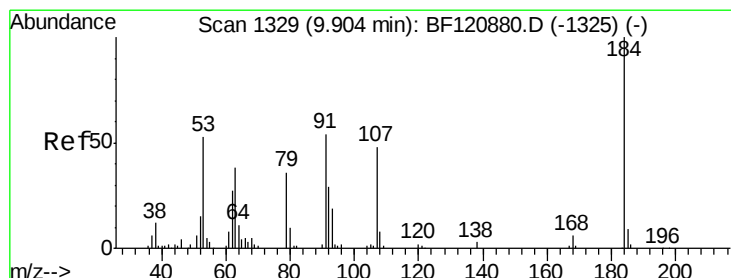
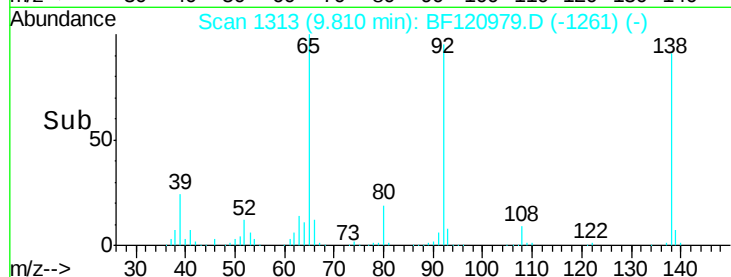
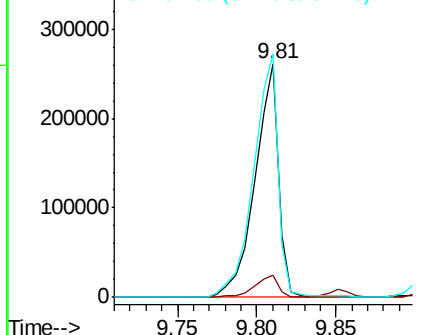
#53
 3-Nitroaniline
 Concen: 34.048 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 270185
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.9 11.9
 92 104.3 85.3 127.9

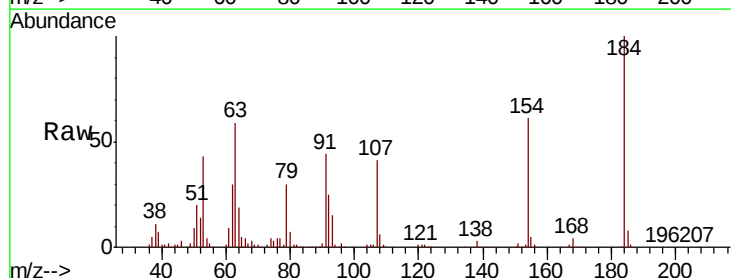


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

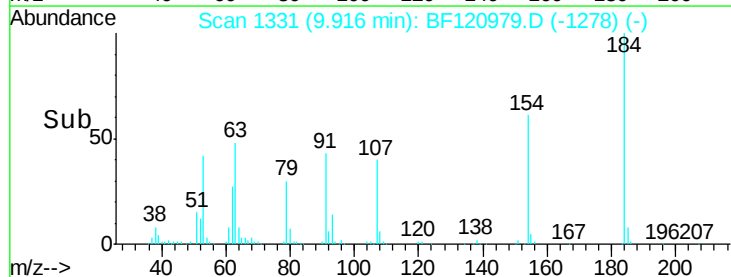
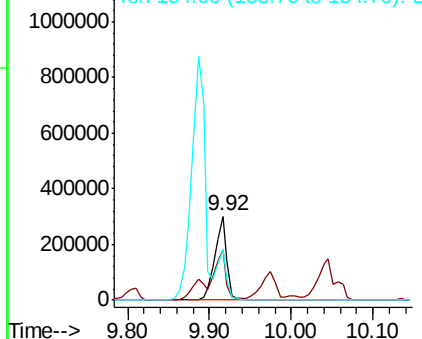


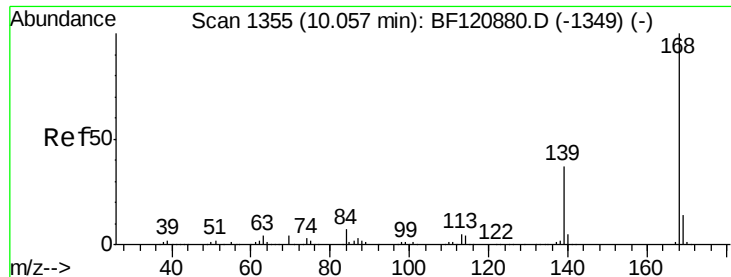
#54
 2,4-Dinitrophenol
 Concen: 84.846 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion:184 Resp: 310654
 Ion Ratio Lower Upper
 184 100
 63 59.4 57.9 86.9
 154 60.6 52.6 78.8



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

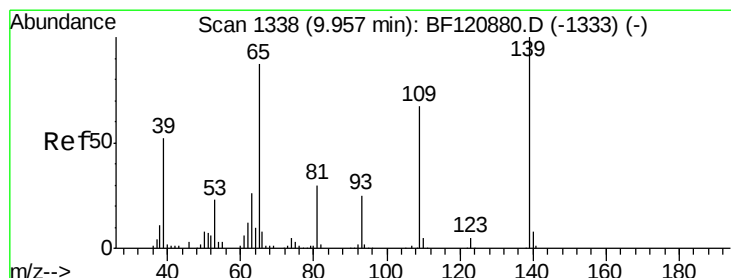
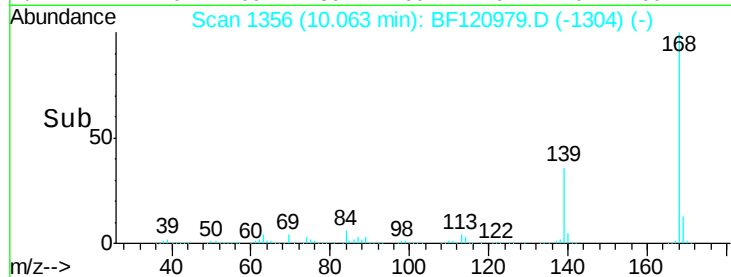
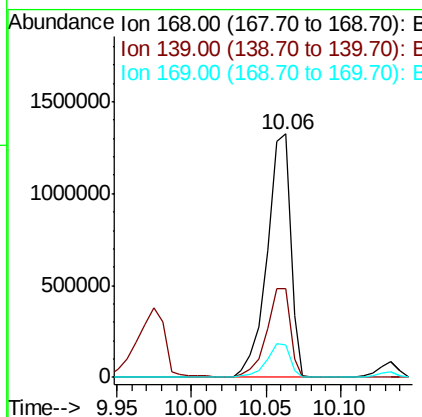
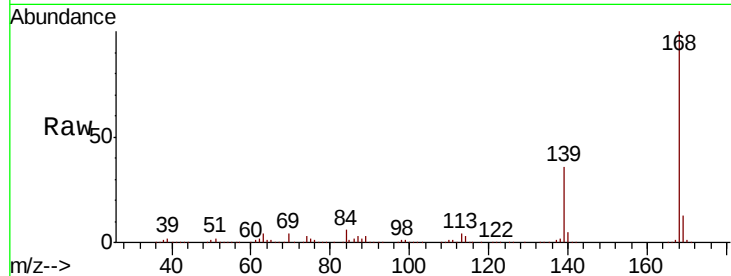




#55
Dibenzenofuran
Concen: 39.818 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

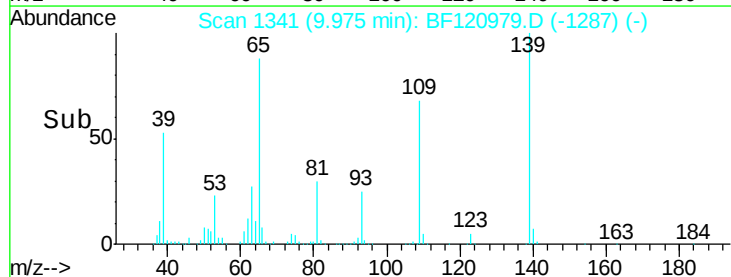
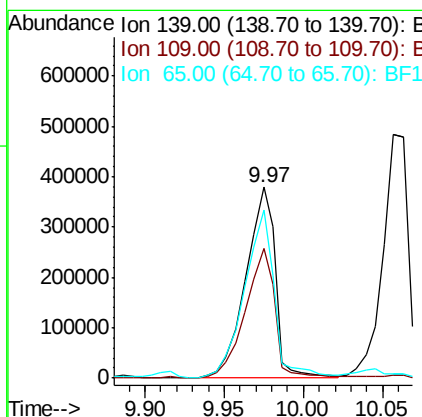
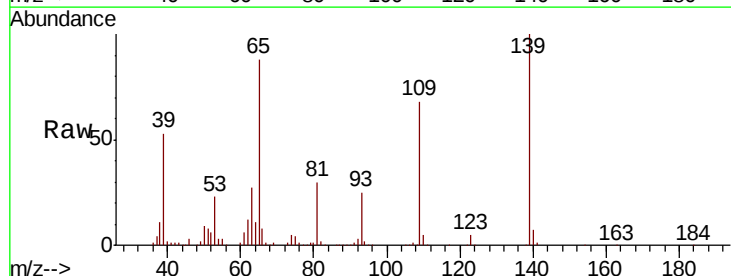
Instrument :
BNA_F
ClientSampleId :

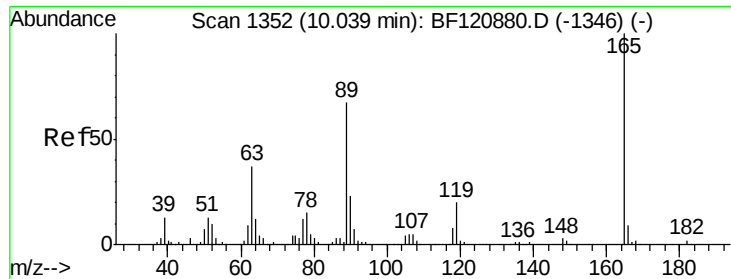
Tot Ion:168 Resp: 1443850
Ion Ratio Lower Upper
168 100
139 36.2 29.7 44.5
169 13.4 11.1 16.7



#56
4-Nitrophenol
Concen: 82.269 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:139 Resp: 495916
Ion Ratio Lower Upper
139 100
109 67.9 47.3 87.3
65 88.2 67.2 107.2

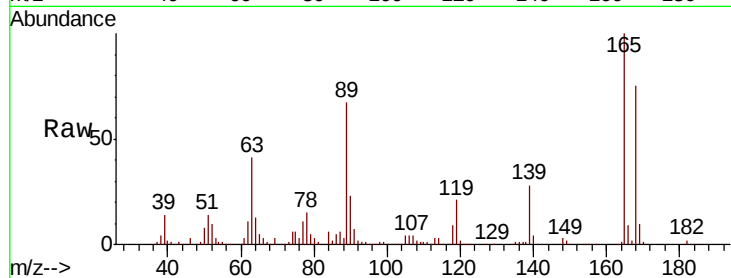




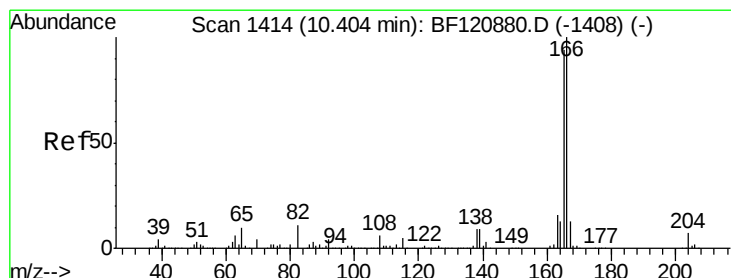
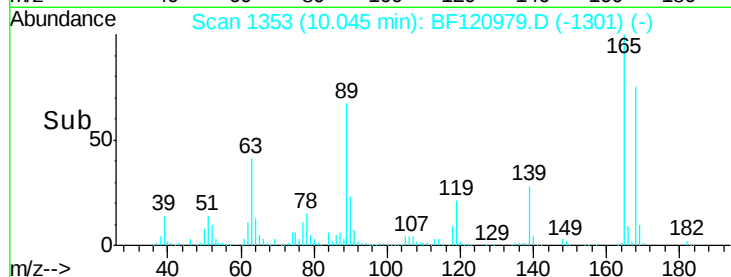
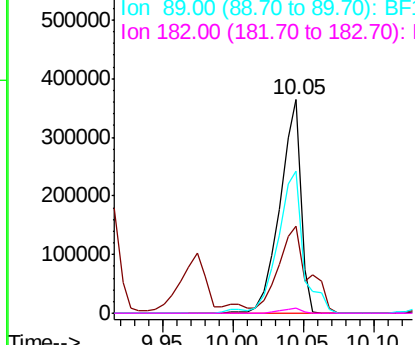
#57
2,4-Dinitrotoluene
Concen: 45.480 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	377895
Ion Ratio	Lower	Upper
165	100	
63	40.8	29.4 44.2
89	66.6	53.4 80.0
182	2.5	1.8 2.6

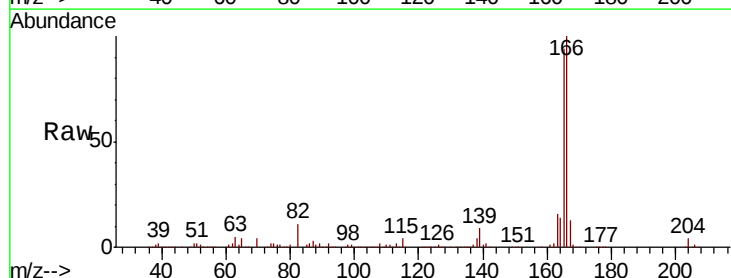


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

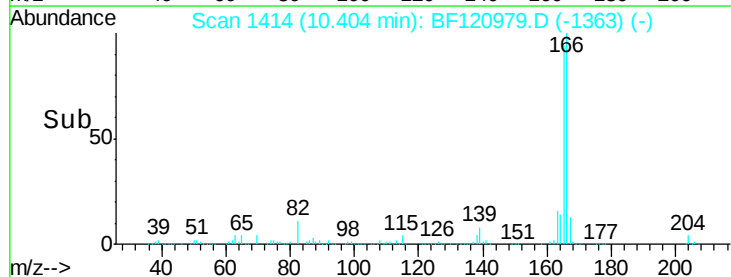
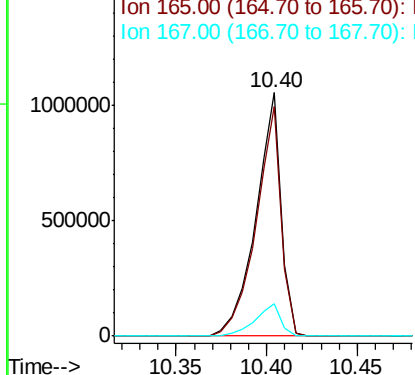


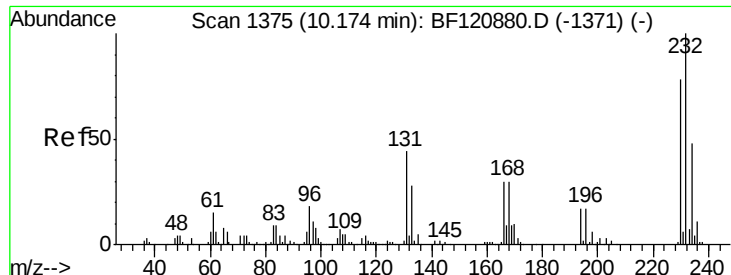
#58
Fluorene
Concen: 37.612 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:166	Resp:	1017207
Ion Ratio	Lower	Upper
166	100	
165	94.5	75.4 113.0
167	13.3	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

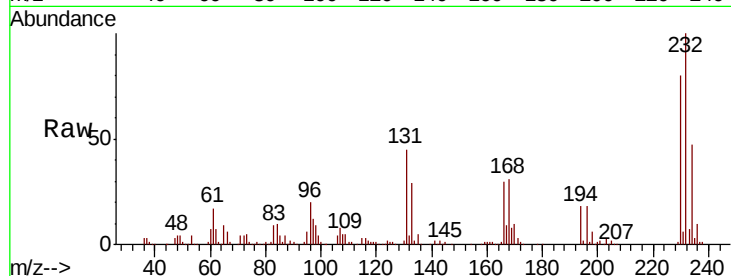




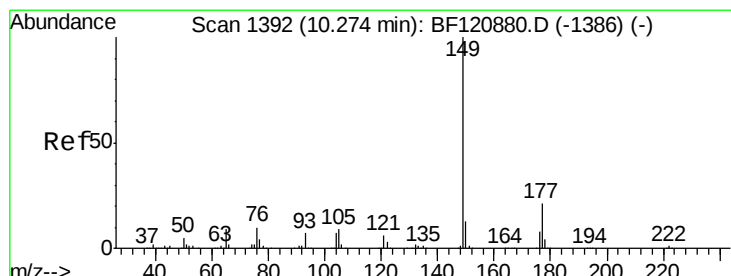
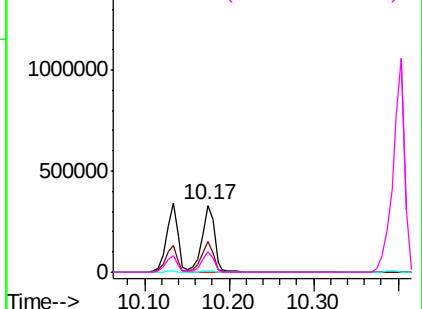
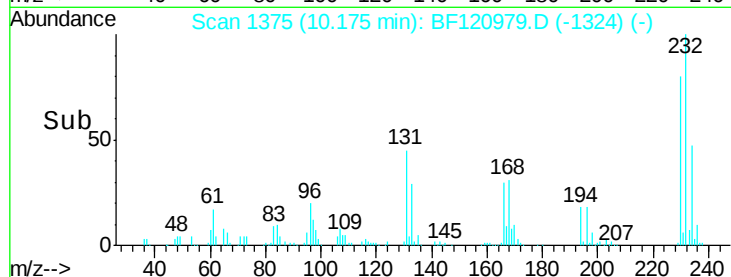
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.552 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 336695
 Ion Ratio Lower Upper
 232 100
 131 43.4 37.1 55.7
 130 2.1 1.7 2.5
 166 28.7 24.2 36.4

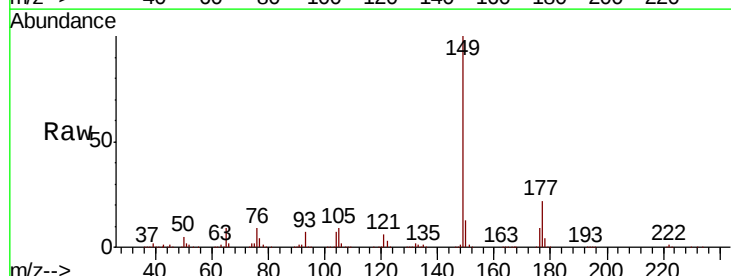


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

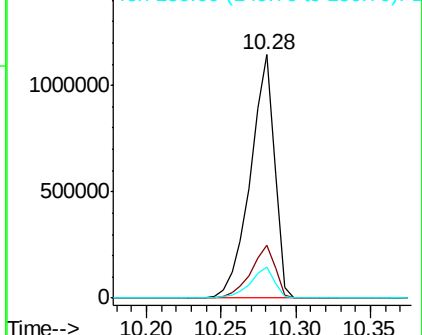
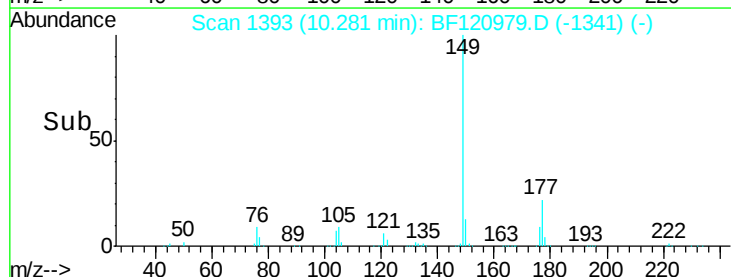


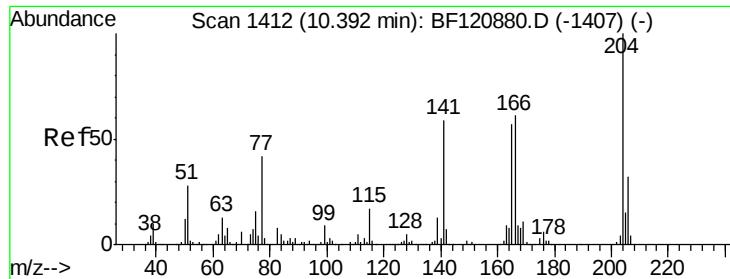
#60
 Diethylphthalate
 Concen: 42.947 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion:149 Resp: 1279326
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.1 25.7
 150 13.0 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

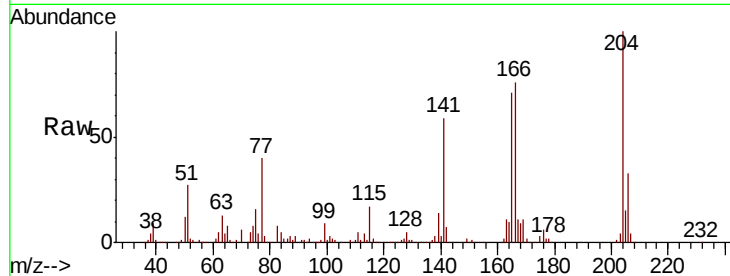




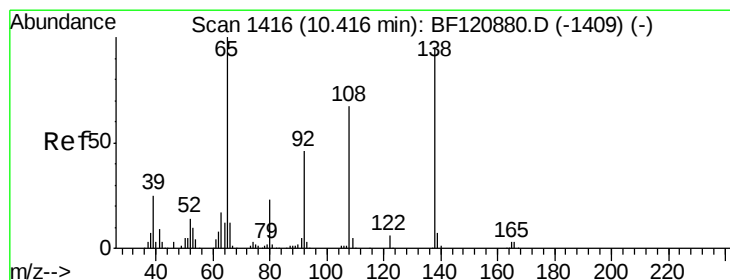
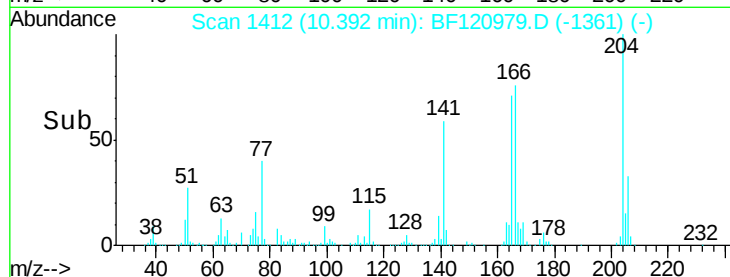
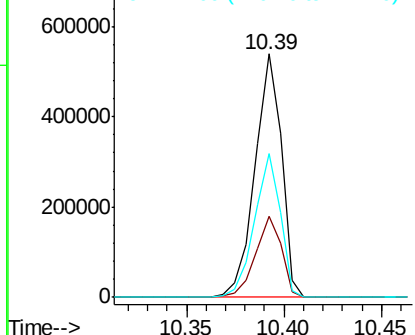
#61
 4-Chlorophenyl-phenylether
 Concen: 35.221 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	204	Resp:	508058
Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.9	38.9
141	58.8	47.2	70.8

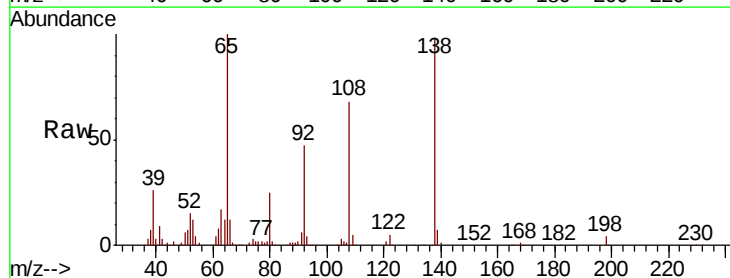


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

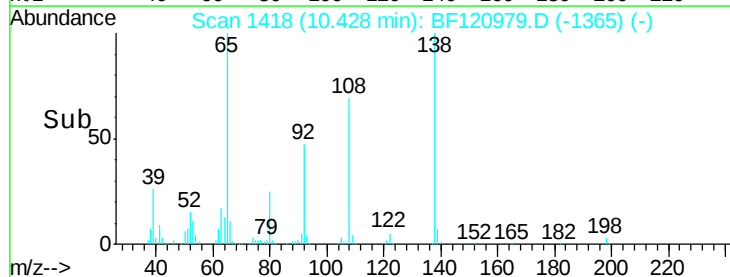
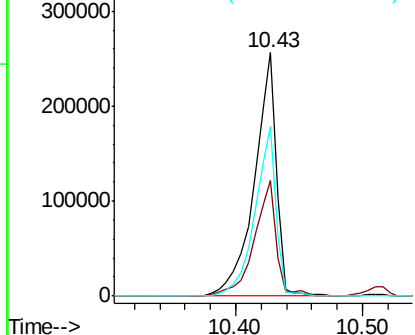


#62
 4-Nitroaniline
 Concen: 40.522 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion:	138	Resp:	313229
Ion	Ratio	Lower	Upper
138	100		
92	47.6	28.6	68.6
108	69.4	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: 41.325 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

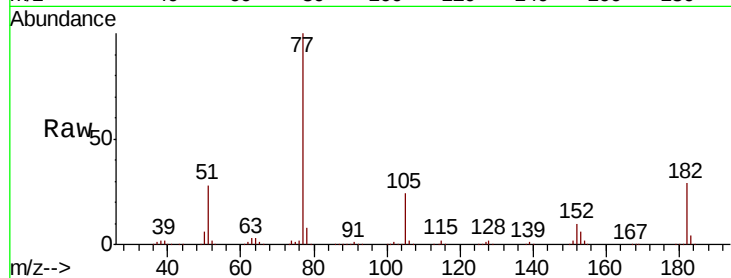
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1171955

Ion	Ratio	Lower	Upper
77	100		
182	28.8	7.8	47.8
105	24.3	4.4	44.4
51	27.9	8.0	48.0

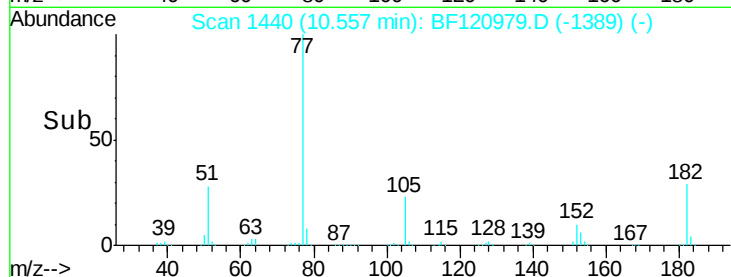


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->

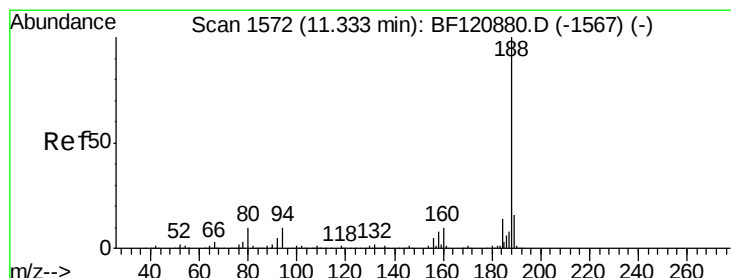
10.56

1000000

500000

0

10.50 10.55 10.60



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

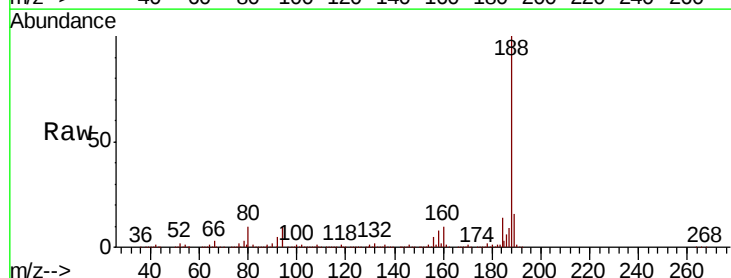
Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Tgt Ion: 188 Resp: 762504

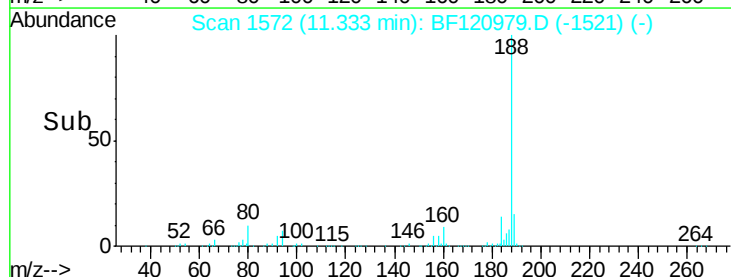
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	10.0	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

11.33

1000000

800000

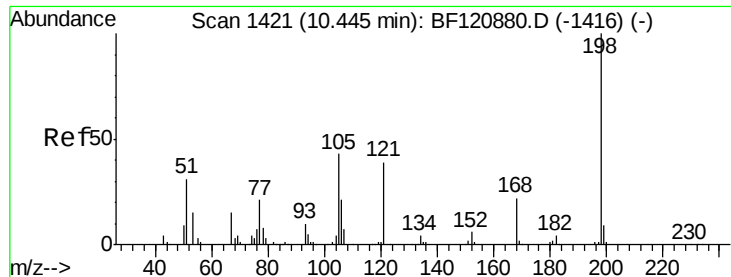
600000

400000

200000

0

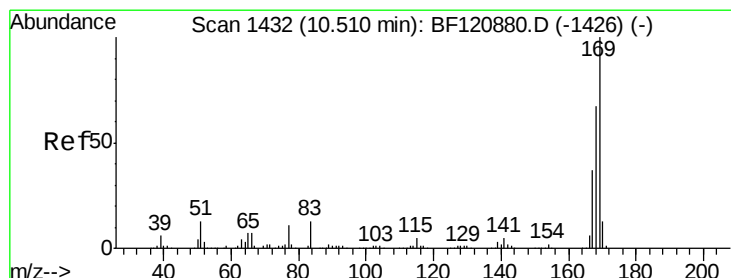
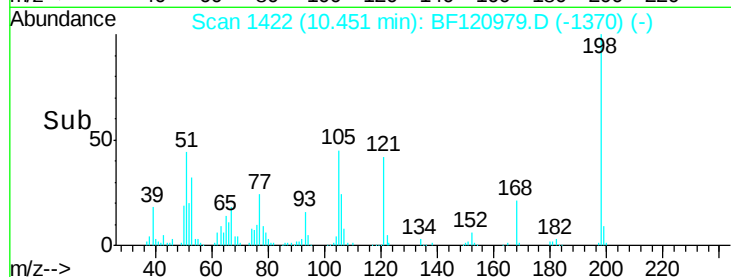
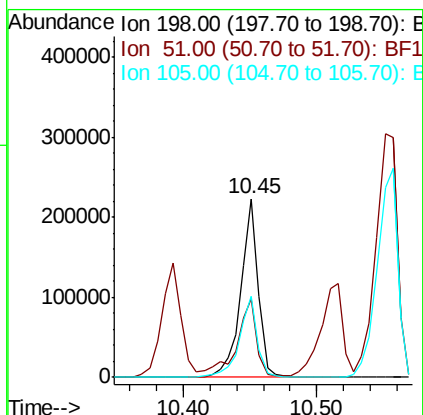
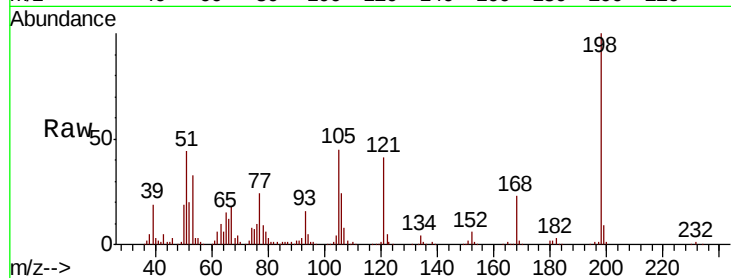
11.30 11.35



#65
4,6-Dinitro-2-methylphenol
Concen: 46.500 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

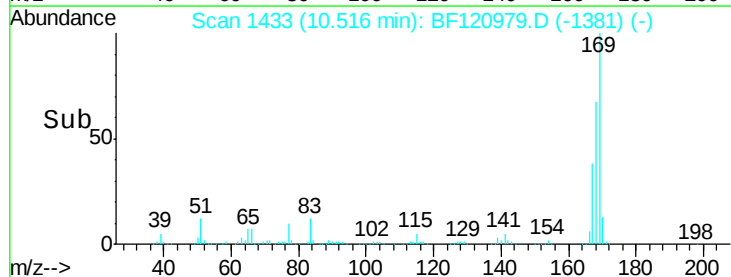
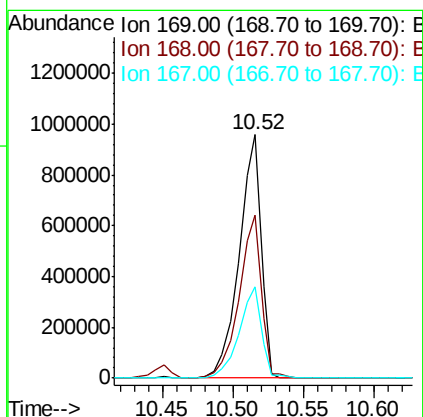
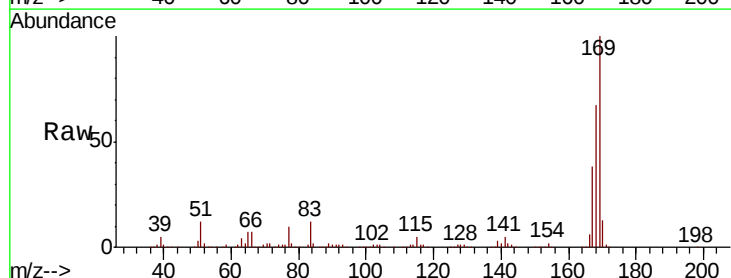
Instrument :
BNA_F
ClientSampleId :

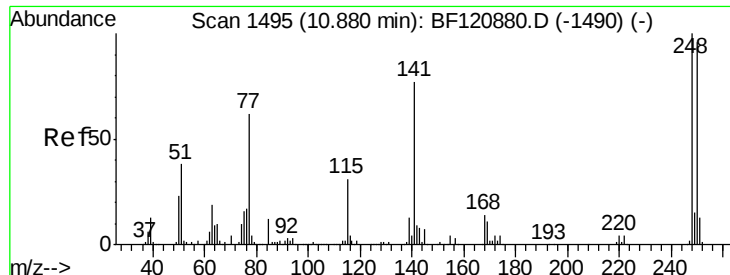
Tot Ion:198 Resp: 204633
Ion Ratio Lower Upper
198 100
51 43.8 19.5 59.5
105 45.1 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 43.277 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:169 Resp: 1038078
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.0
167 37.8 29.4 44.0

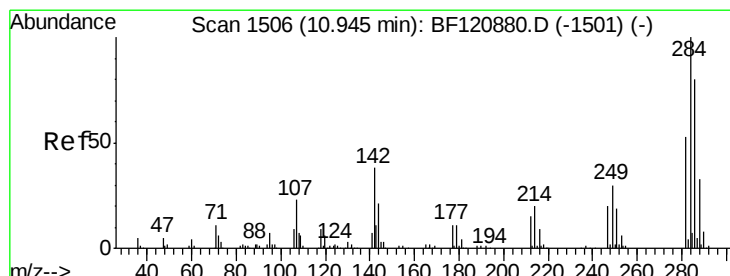
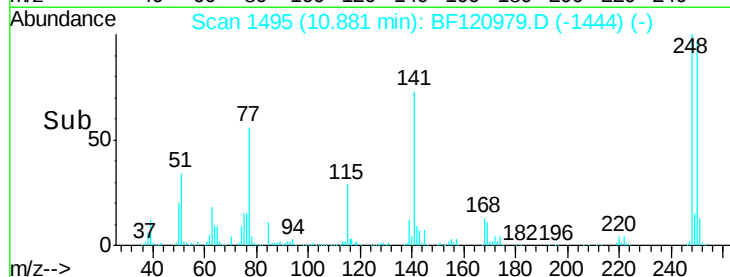
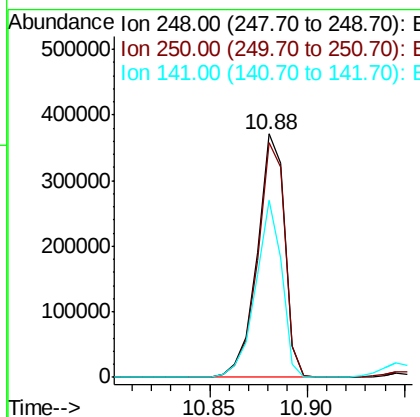
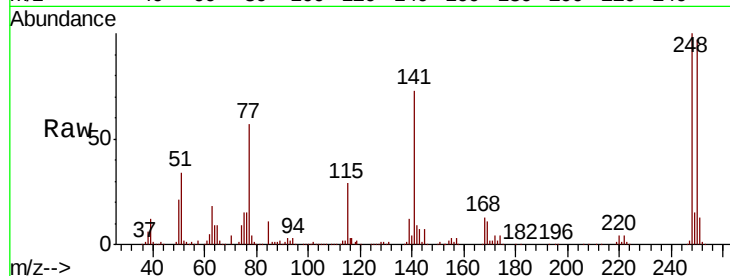




#67
4-Bromophenyl-phenylether
Concen: 42.460 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

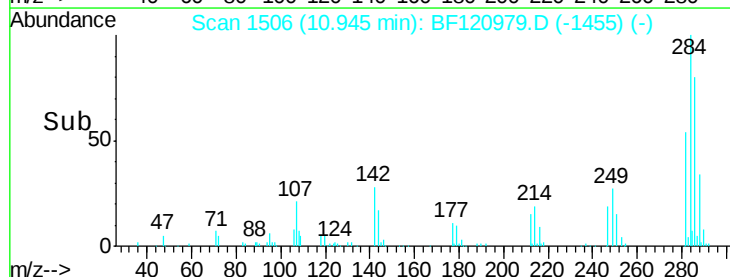
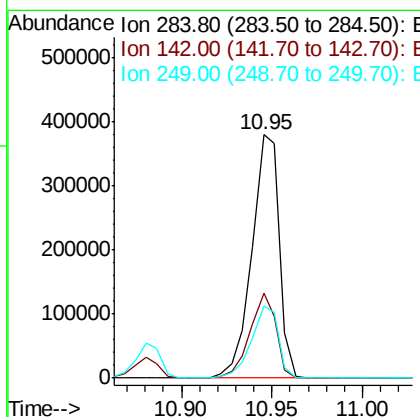
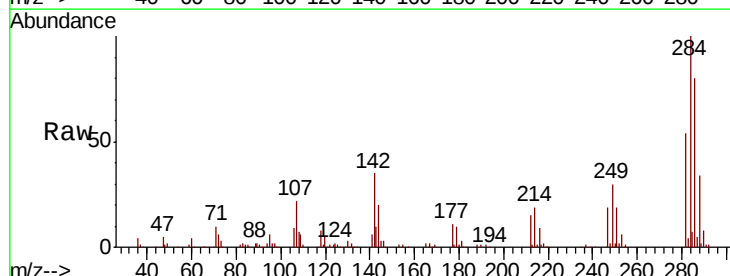
Instrument :
BNA_F
ClientSampled :

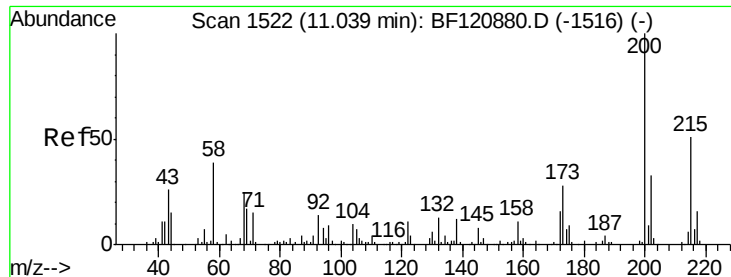
Tot Ion:248 Resp: 360968
Ion Ratio Lower Upper
248 100
250 96.5 77.1 115.7
141 72.5 61.2 91.8



#68
Hexachlorobenzene
Concen: 43.329 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:284 Resp: 398459
Ion Ratio Lower Upper
284 100
142 34.7 30.2 45.2
249 29.8 24.2 36.2

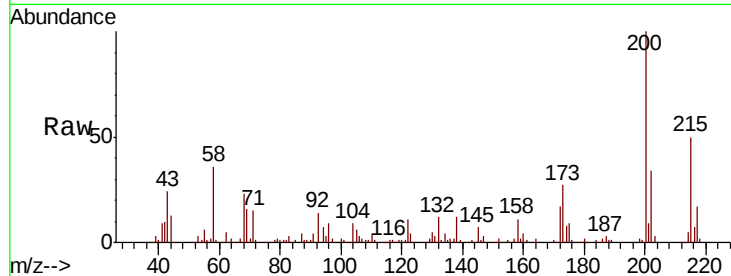




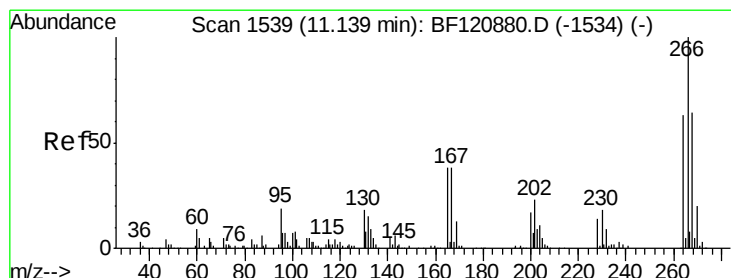
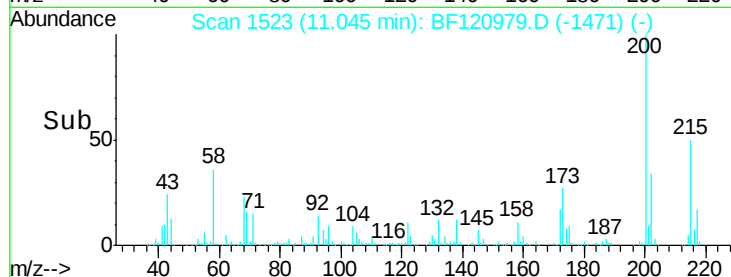
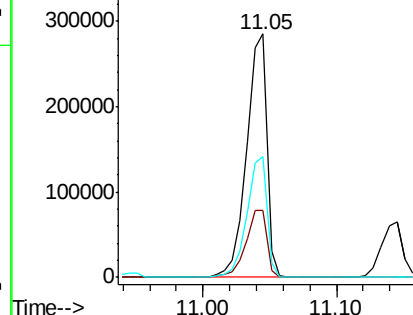
#69
 Atrazine
 Concen: 50.510 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.0	48.0
215	49.8	31.5	71.5

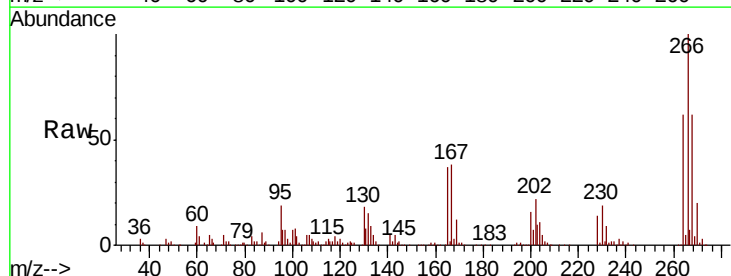


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

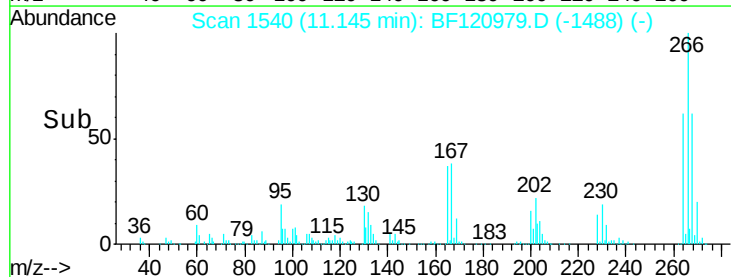
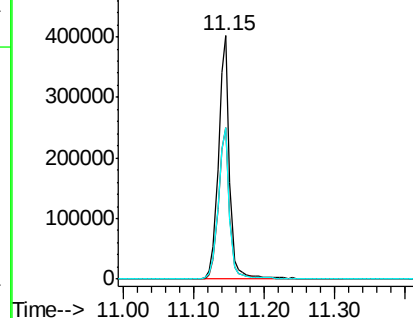


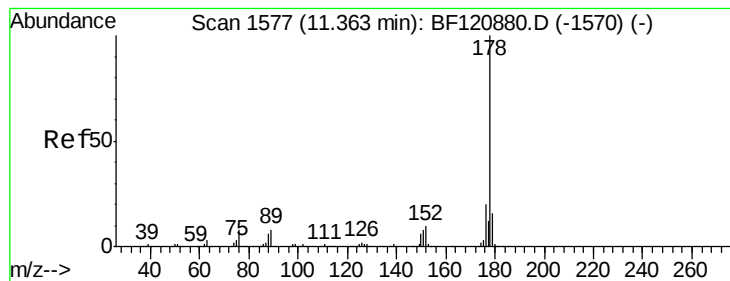
#70
 Pentachlorophenol
 Concen: 84.532 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	62.4	50.2	75.2



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





#71

Phenanthrene

Concen: 40.407 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

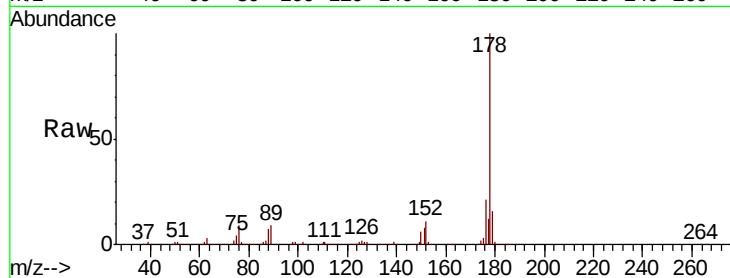
Tot Ion:178 Resp: 1584575

Ion Ratio Lower Upper

178 100

176 20.8 16.2 24.4

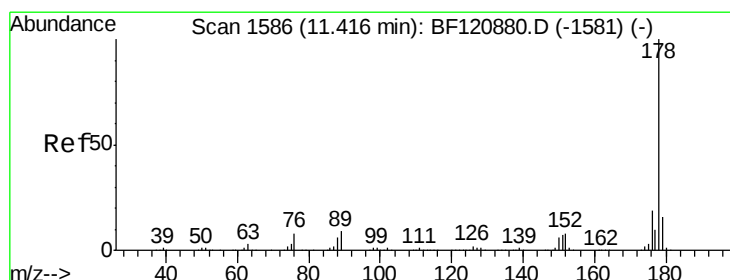
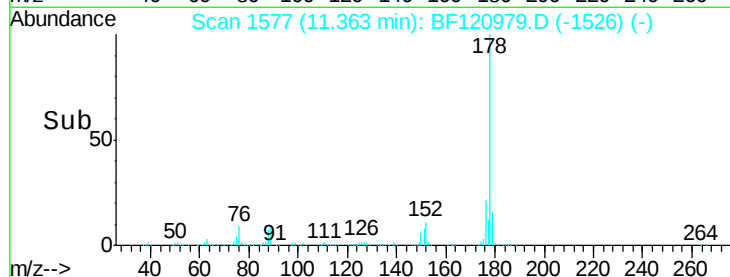
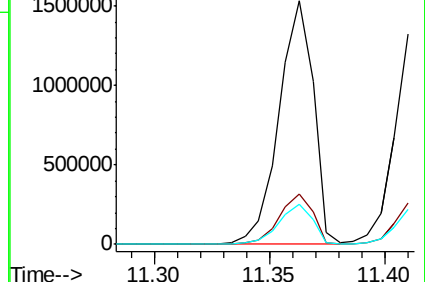
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.276 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

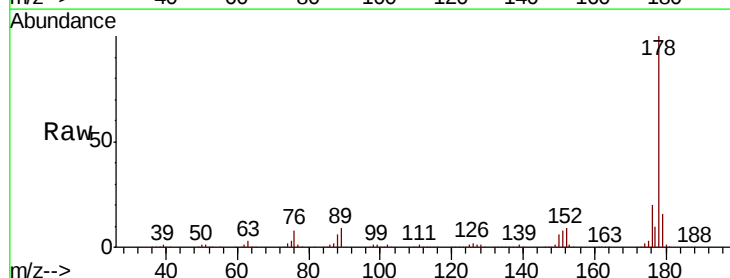
Tgt Ion:178 Resp: 1625364

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

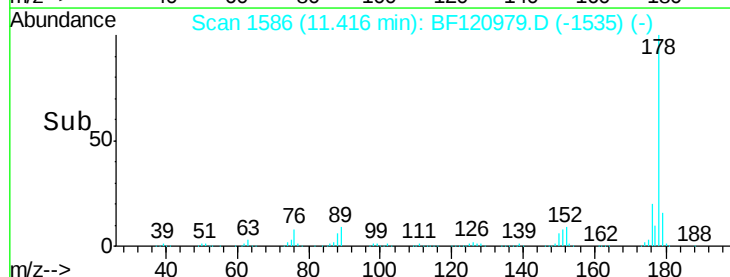
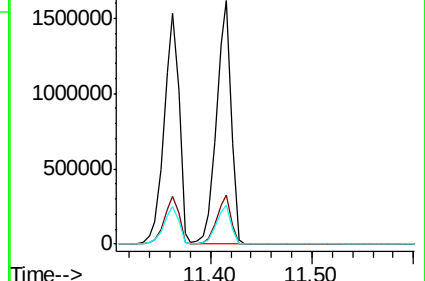
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

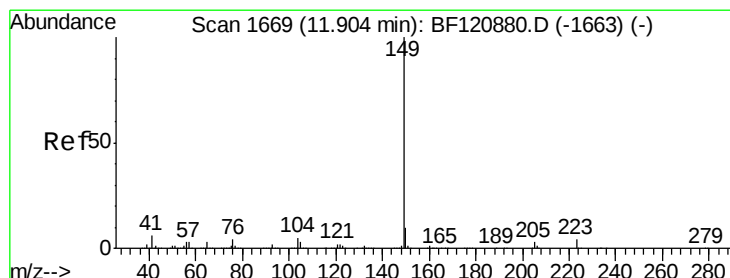
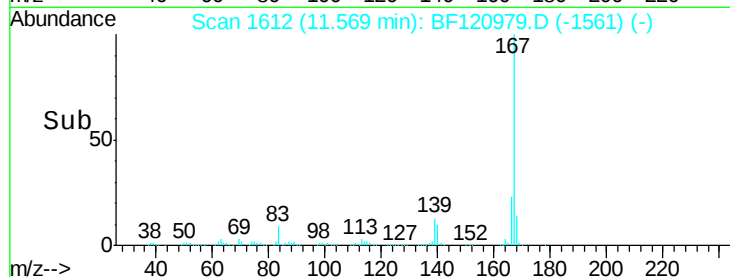
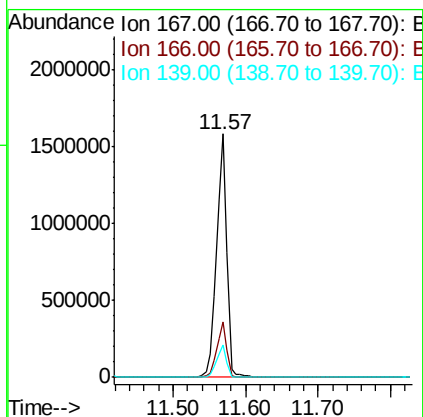
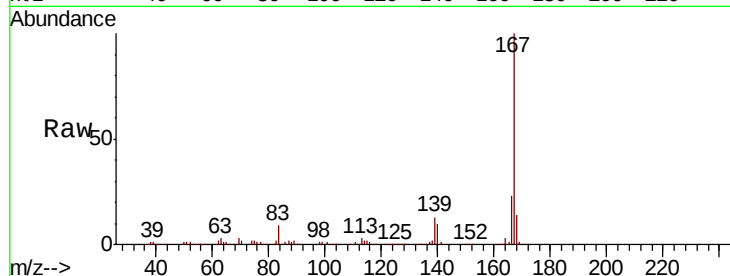




#73
 Carbazole
 Concen: 39.836 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

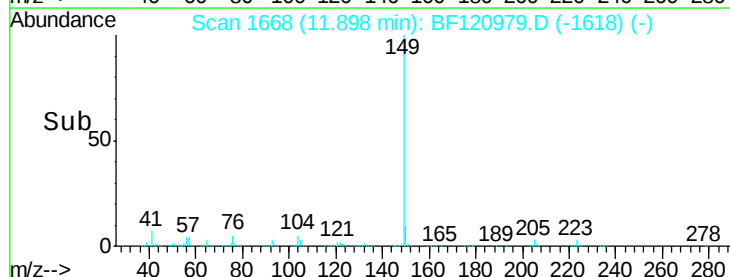
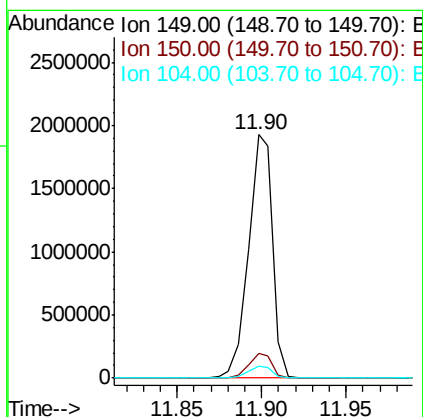
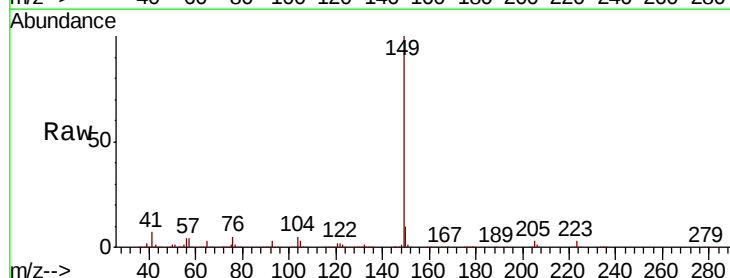
Instrument :
 BNA_F
 ClientSampleId :

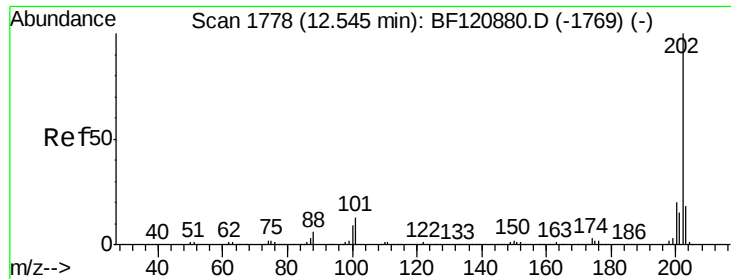
Tot Ion:167 Resp: 1556750
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 42.398 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion:149 Resp: 1912049
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.6
 104 5.1 3.8 5.6

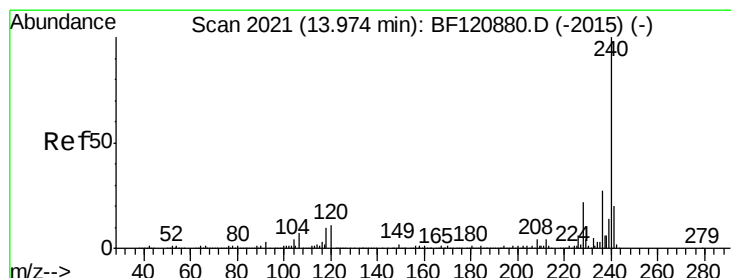
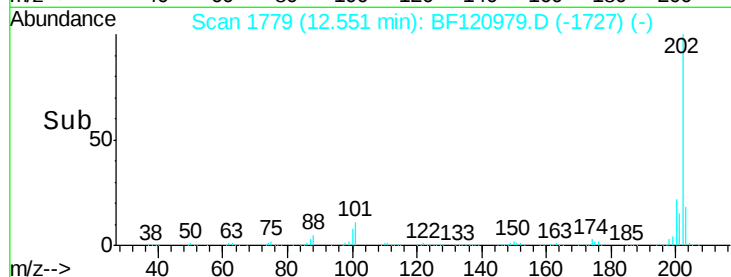
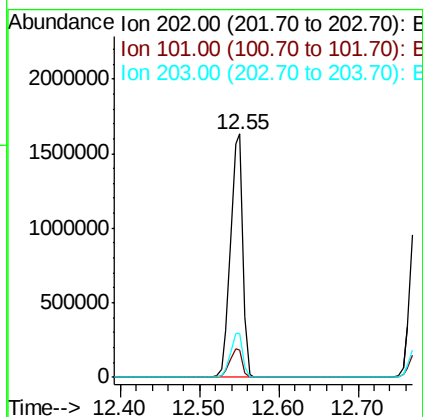
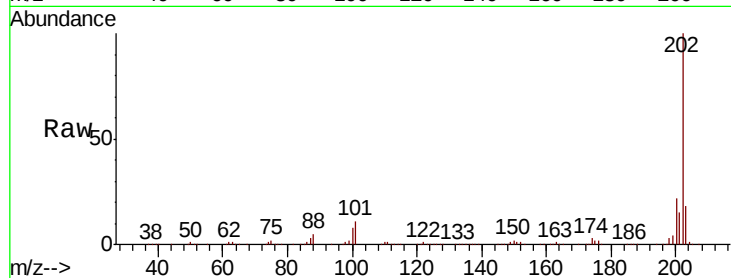




#75
Fluoranthene
Concen: 40.202 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

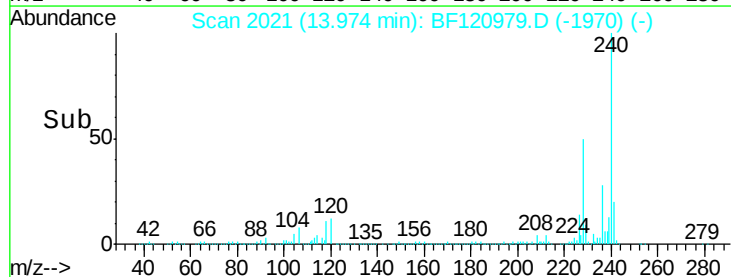
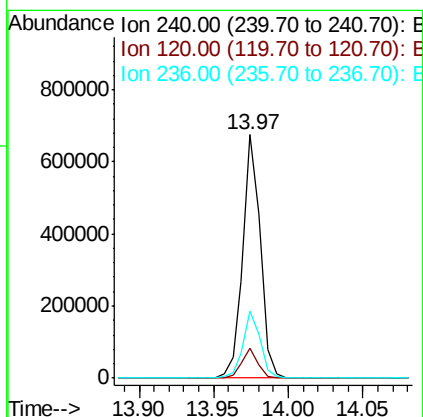
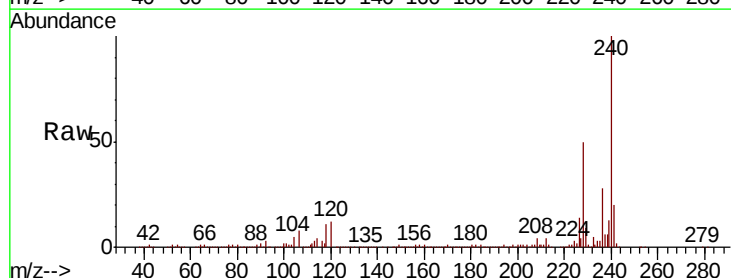
Instrument :
BNA_F
ClientSampleId :

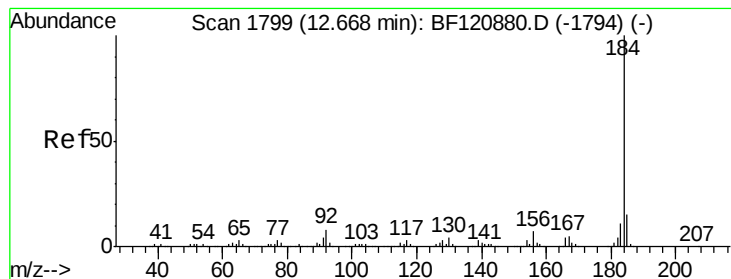
Tot Ion:202 Resp: 1747504
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.7
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:240 Resp: 554730
Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.4
236 27.6 21.7 32.5





#77

Benzidine

Concen: 59.244 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

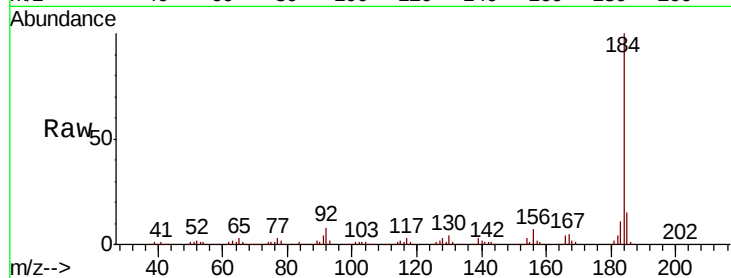
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 864066

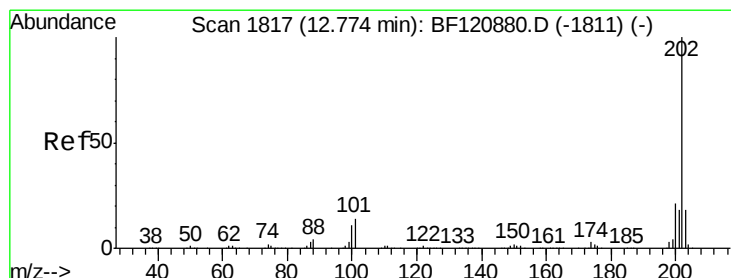
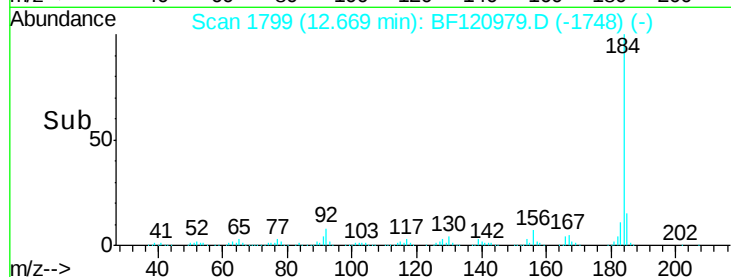
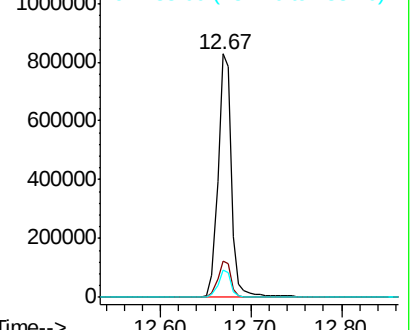
Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.2	18.2
183	11.2	8.5	12.7



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: 44.907 ng

RT: 12.78 min Scan# 1818

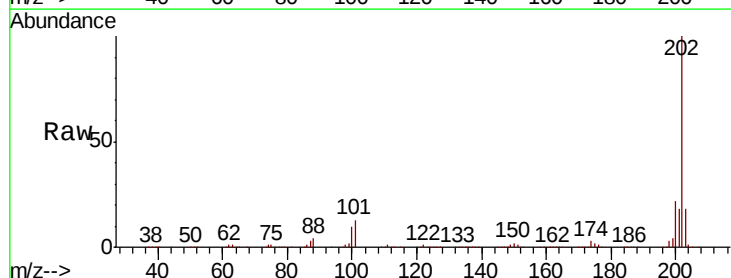
Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Tgt Ion:202 Resp: 1761222

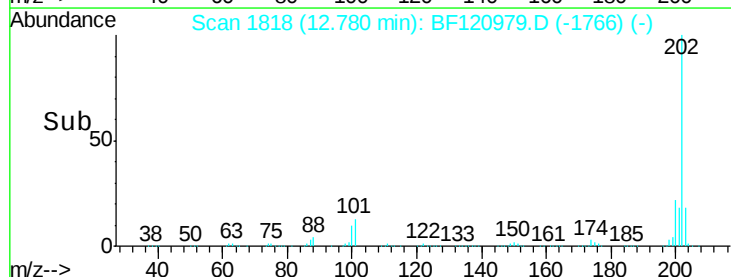
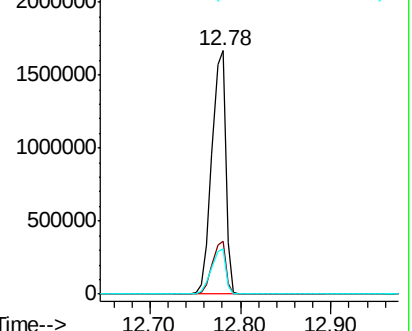
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	18.4	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

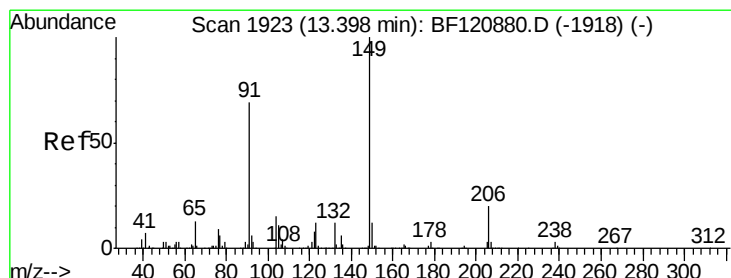
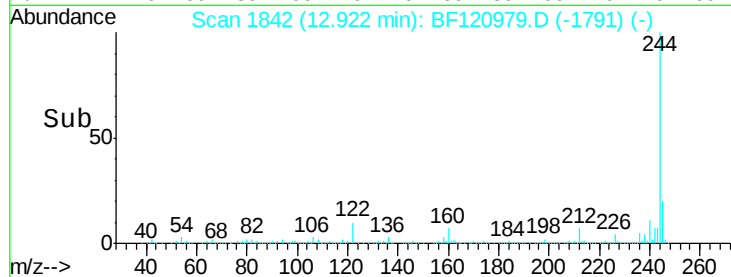
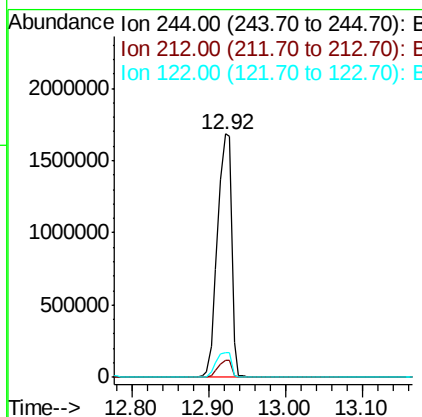
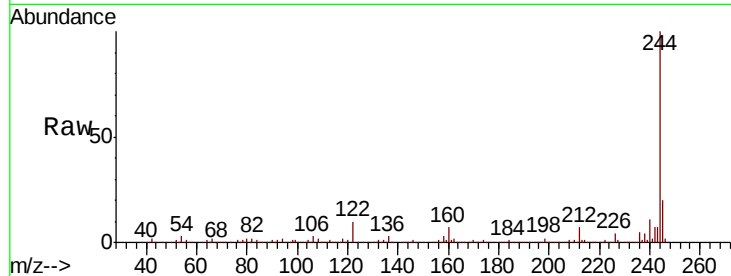




#79
 Terphenyl-d14
 Concen: 83.388 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

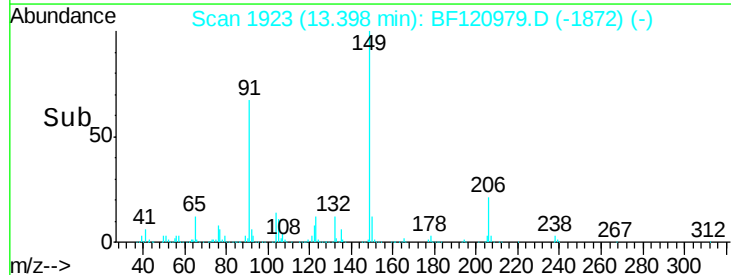
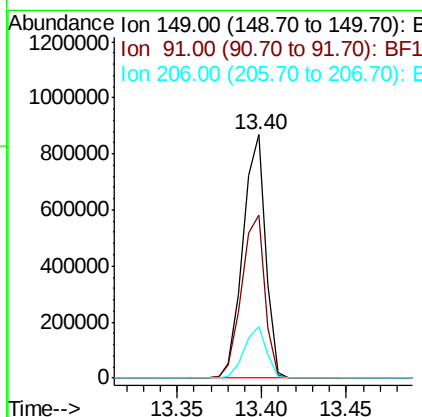
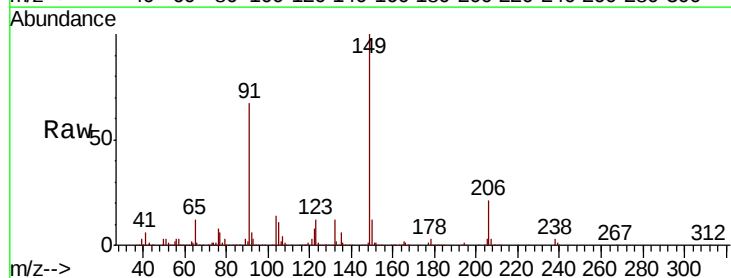
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2127987
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.1 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 46.615 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion:149 Resp: 814998
 Ion Ratio Lower Upper
 149 100
 91 67.2 55.1 82.7
 206 21.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.513 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

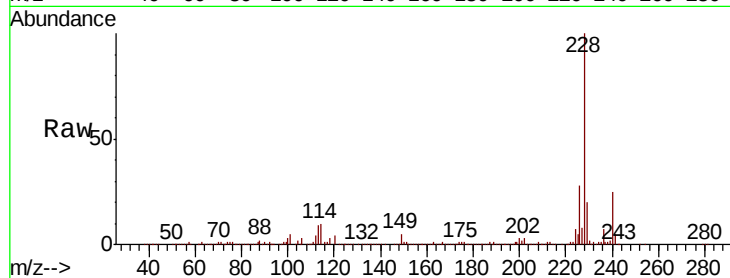
Tot Ion:228 Resp: 1327298

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

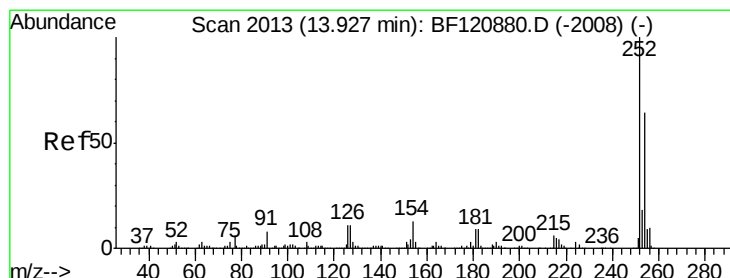
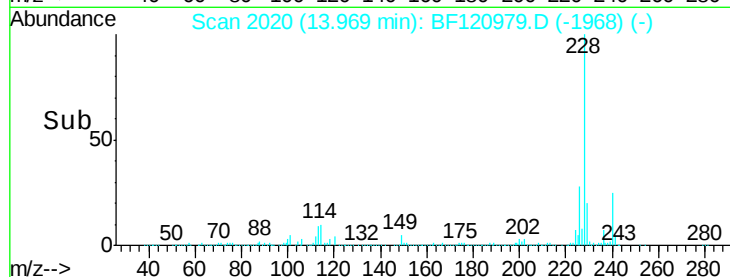
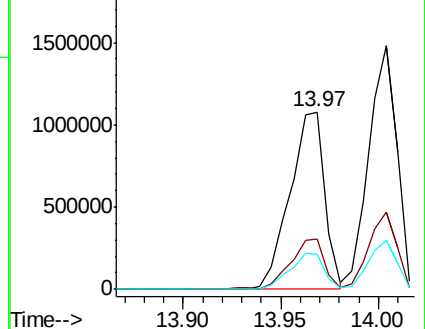
229 20.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.846 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120979.D

Acq: 23 Jul 2020 13:37

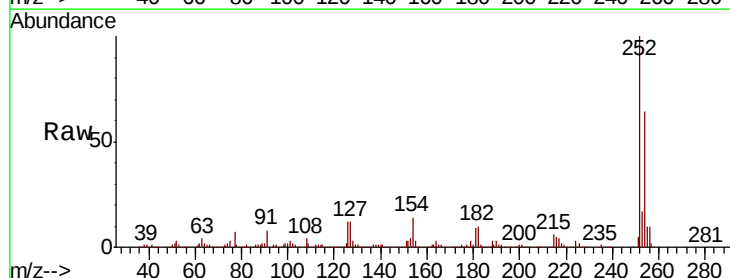
Tgt Ion:252 Resp: 543001

Ion Ratio Lower Upper

252 100

254 64.1 51.2 76.8

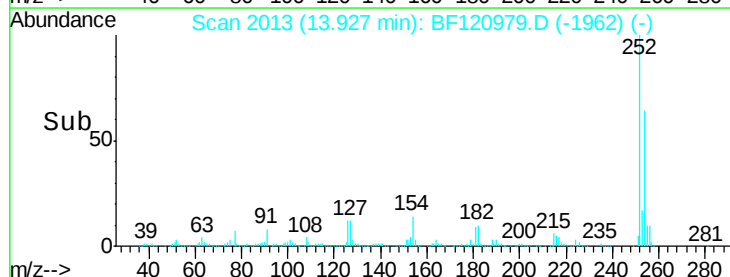
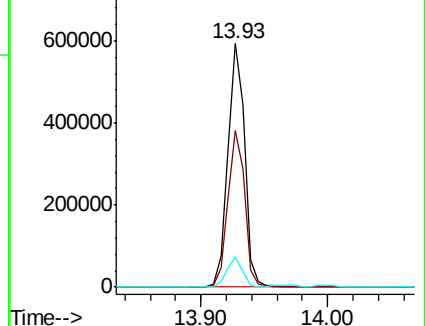
126 12.1 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

800000 Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

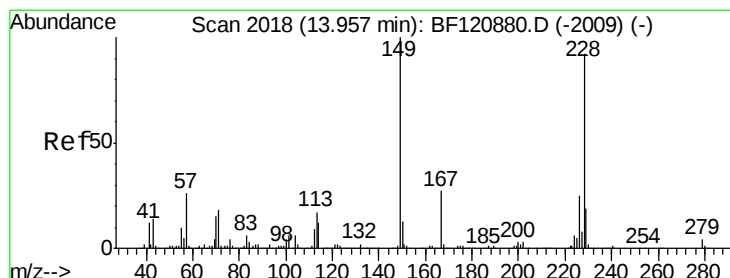
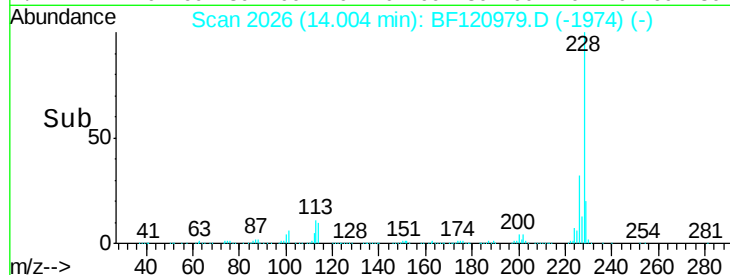
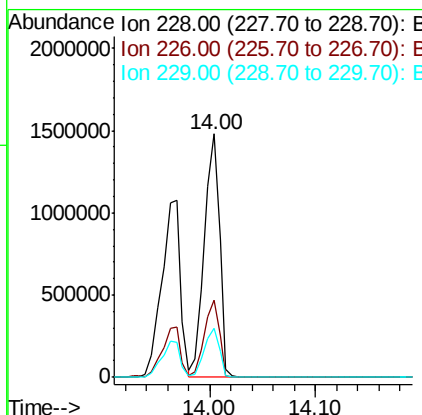
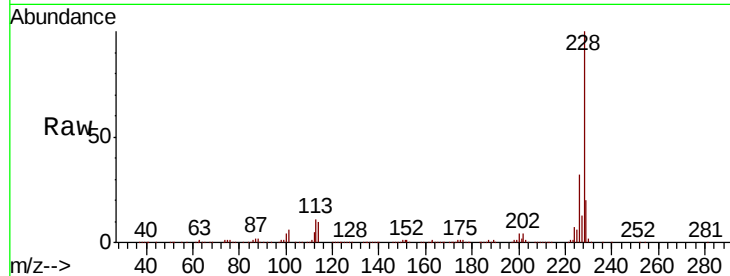




#83
 Chrvsene
 Concen: 42.010 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

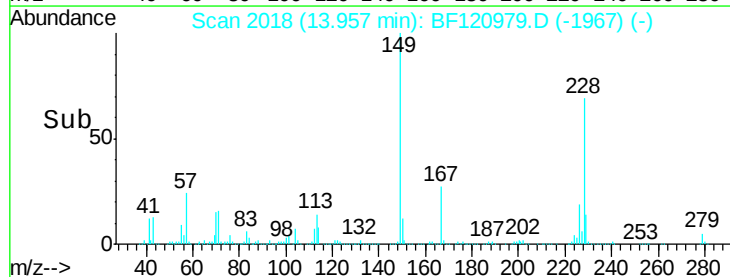
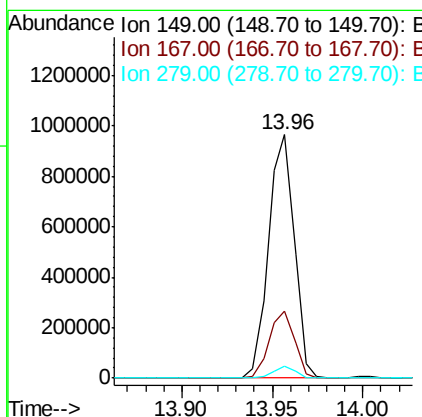
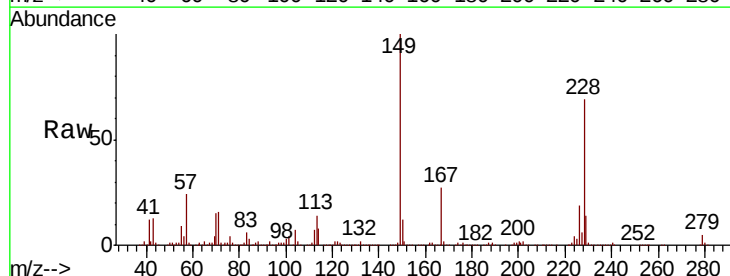
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1483003
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.6 38.4
 229 20.3 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.121 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion:149 Resp: 951220
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.9 32.9
 279 4.8 3.0 4.4#

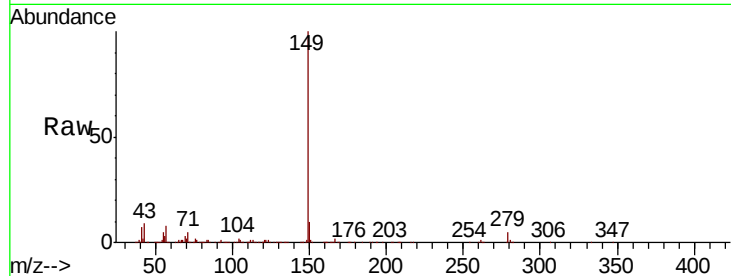




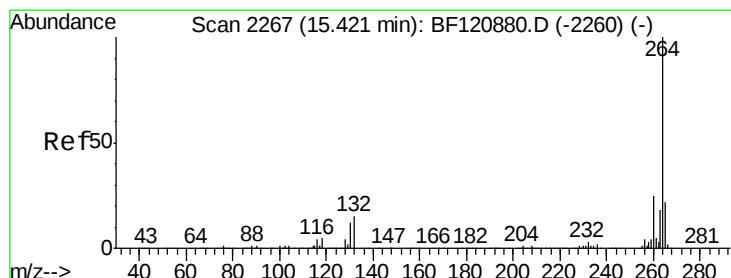
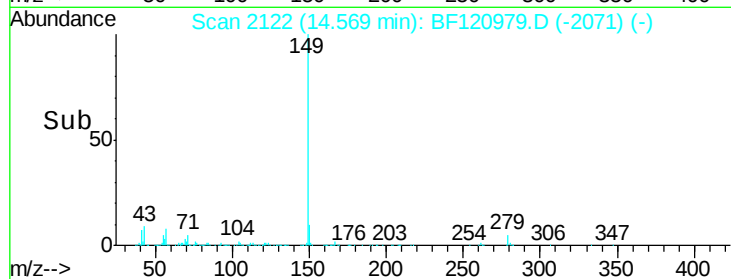
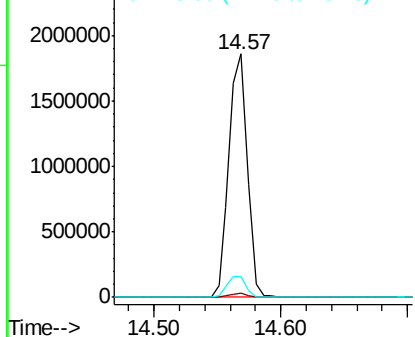
#85
Di-n-octyl phthalate
Concen: 43.601 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1870154
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4

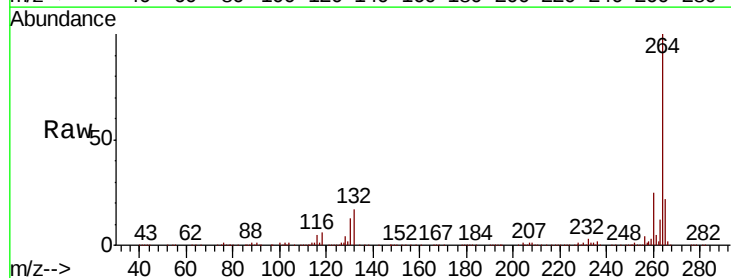


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

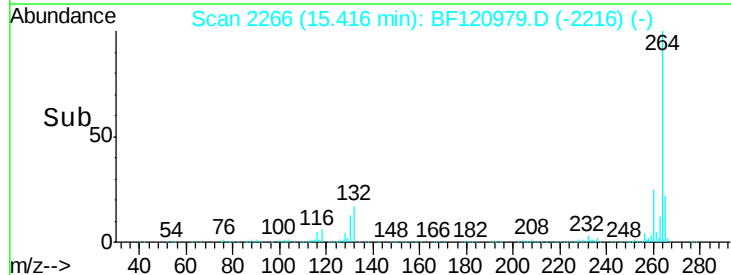
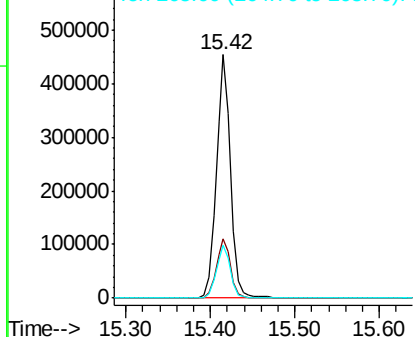


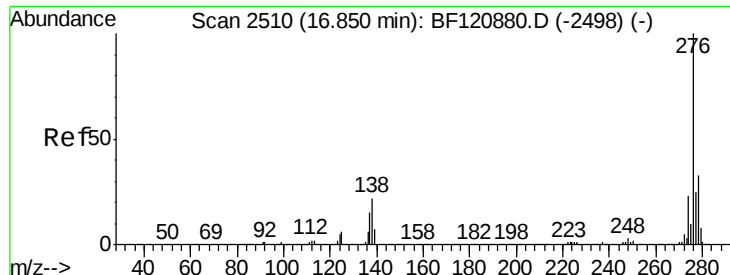
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:264 Resp: 537644
Ion Ratio Lower Upper
264 100
260 24.5 20.0 30.0
265 22.0 17.4 26.2



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

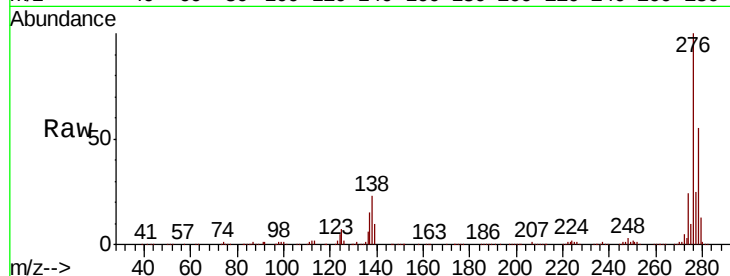




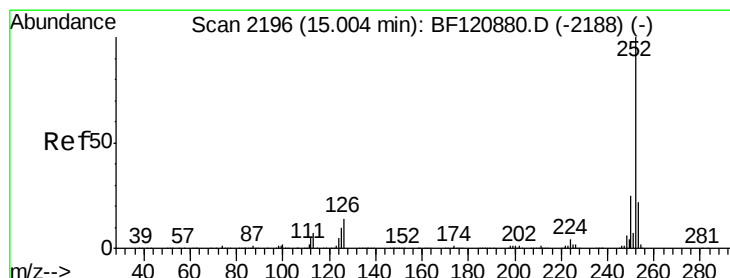
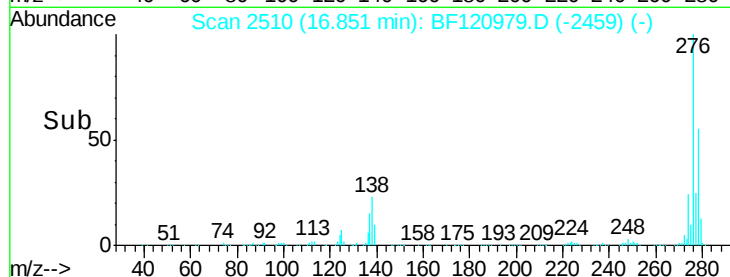
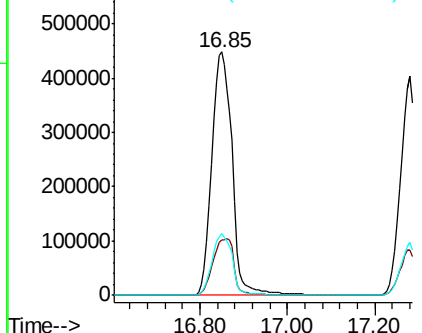
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.910 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 1454879
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.8 29.8
 277 25.3 20.2 30.2

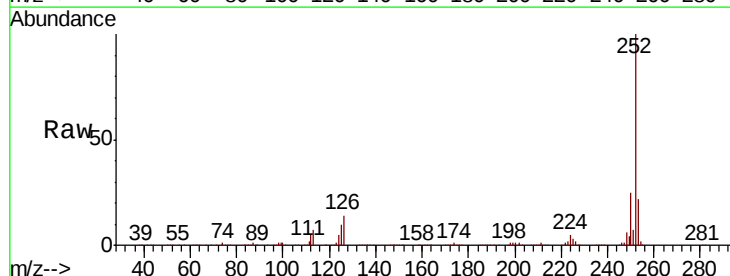


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

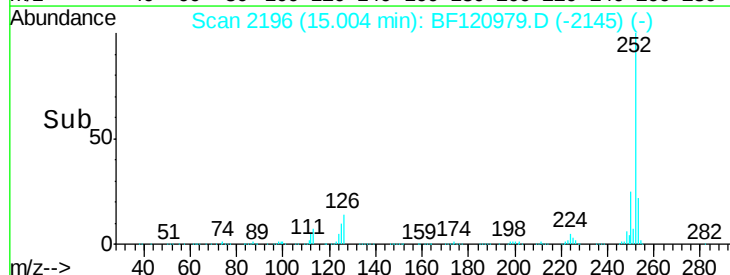
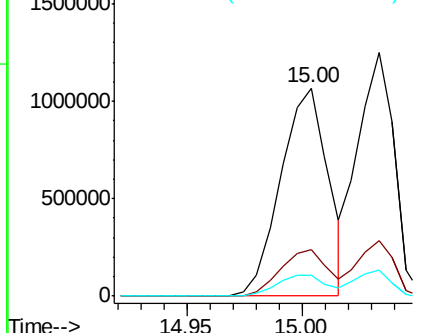


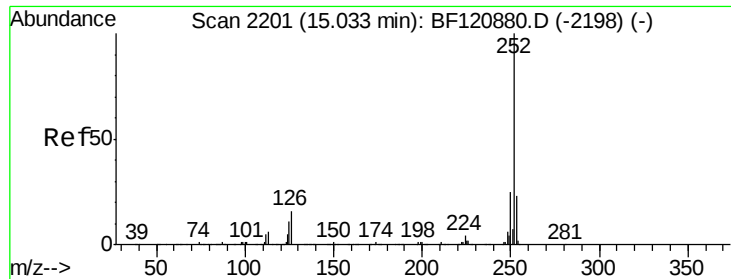
#88
 Benzo(b)fluoranthene
 Concen: 46.728 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120979.D
 Acq: 23 Jul 2020 13:37

Tgt Ion:252 Resp: 1518607
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 10.1 8.3 12.5



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

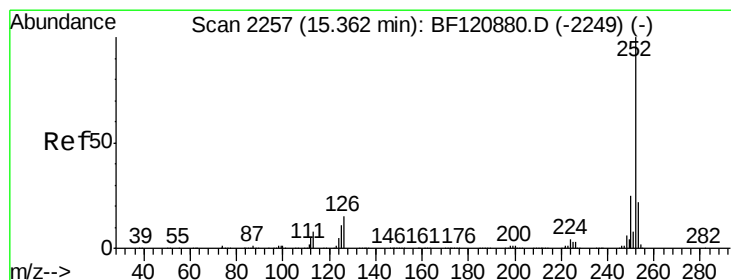
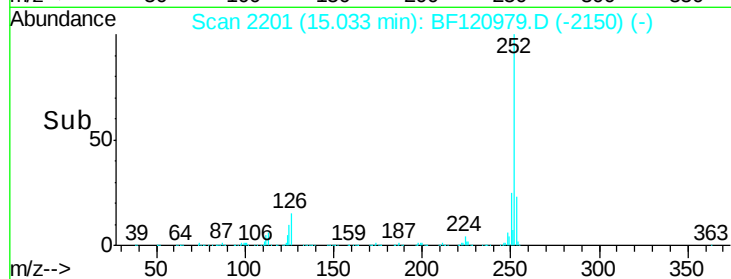
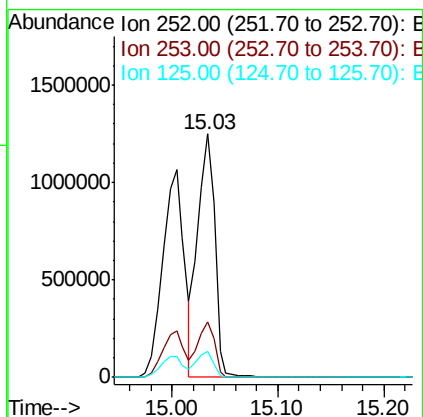
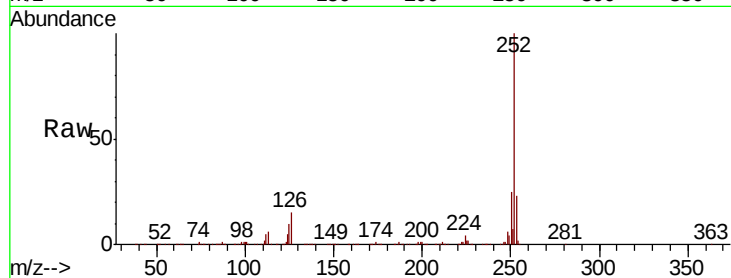




#89
Benzo(k)fluoranthene
Concen: 46.698 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

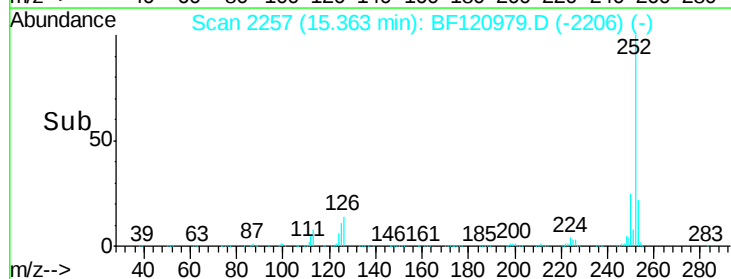
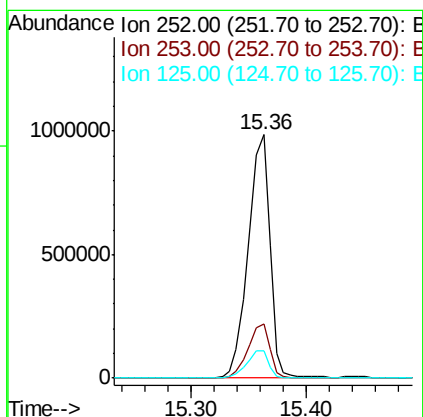
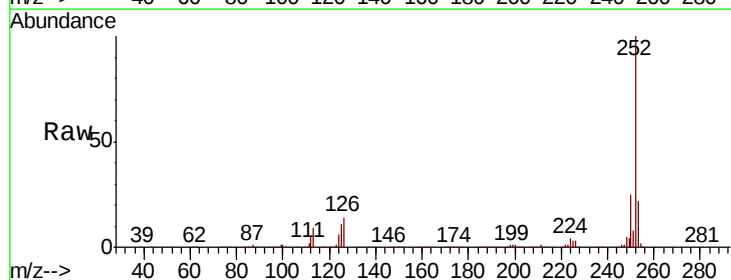
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1384071
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.4 8.4 12.6



#90
Benzo(a)pyrene
Concen: 43.634 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:252 Resp: 1293766
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.1 8.9 13.3

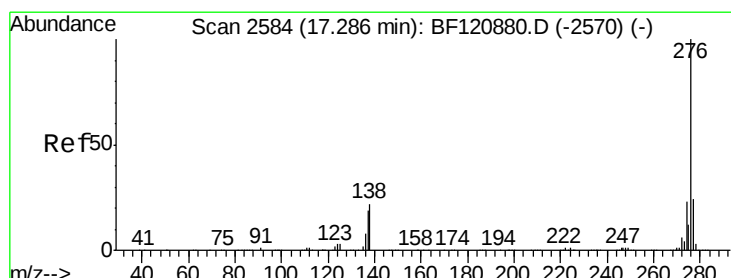
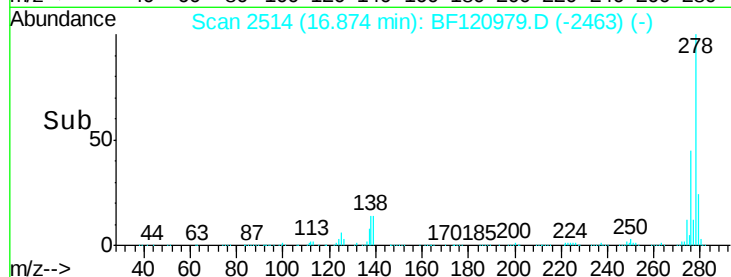
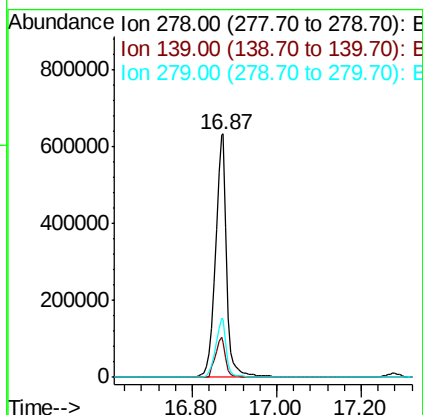
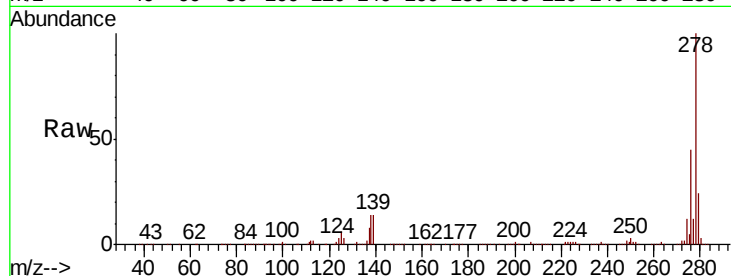




#91
Dibenzo(a,h)anthracene
Concen: 40.227 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1228644
Ion Ratio Lower Upper
278 100
139 14.4 12.3 18.5
279 23.8 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 37.341 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF120979.D
Acq: 23 Jul 2020 13:37

Tgt Ion:276 Resp: 1124538
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 20.5 17.5 26.3

