

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120978.D
 Acq On : 23 Jul 2020 13:07
 Operator : JU/CG
 Sample : PB130373BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 14:20:31 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	191117	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	748619	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	392346	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	737227	20.00	ng	0.00
76) Chrysene-d12	13.97	240	549670	20.00	ng	0.00
86) Perylene-d12	15.42	264	535003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1378809	118.27	ng	0.02
7) Phenol-d6	6.45	99	1717613	114.06	ng	0.00
23) Nitrobenzene-d5	7.38	82	1120808	86.63	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	525138	122.28	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1982227	75.43	ng	0.00
79) Terphenyl-d14	12.92	244	2125839	84.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	207132	38.605	ng	100
3) Pyridine	3.36	79	565123	39.594	ng	98
4) n-Nitrosodimethylamine	3.31	42	262180	42.957	ng	98
6) Aniline	6.48	93	725741	36.919	ng	98
8) 2-Chlorophenol	6.60	128	587243	45.725	ng	100
9) Benzaldehyde	6.36	77	239896	30.890	ng	100
10) Phenol	6.46	94	673424	40.652	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	551552	43.444	ng	99
12) 1,3-Dichlorobenzene	6.76	146	585734	42.060	ng	99
13) 1,4-Dichlorobenzene	6.83	146	586562	42.358	ng	99
14) 1,2-Dichlorobenzene	6.99	146	533549	40.728	ng	100
15) Benzyl Alcohol	6.96	79	419300	39.372	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	776804	42.451	ng	99
17) 2-Methylphenol	7.07	107	459704	40.385	ng	98
18) Hexachloroethane	7.33	117	223997	44.692	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	361588	42.226	ng	98
20) 3+4-Methylphenols	7.22	107	498168	34.403	ng	91
22) Acetophenone	7.23	105	689427	41.034	ng	# 93
24) Nitrobenzene	7.40	77	577928	41.445	ng	99
25) Isophorone	7.64	82	1094527	42.389	ng	99
26) 2-Nitrophenol	7.72	139	314776	47.530	ng	98
27) 2,4-Dimethylphenol	7.75	122	489399	45.515	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	699664	44.390	ng	100
29) 2,4-Dichlorophenol	7.96	162	484583	44.103	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	522887	42.894	ng	99
31) Naphthalene	8.12	128	1584025	41.250	ng	99
32) Benzoic acid	7.89	122	376705	46.671	ng	98
33) 4-Chloroaniline	8.17	127	600011	35.026	ng	98
34) Hexachlorobutadiene	8.24	225	302059	42.033	ng	99
35) Caprolactam	8.55	113	117159	33.251	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	507045	44.996	ng	95
37) 2-Methylnaphthalene	8.81	142	1084620	43.500	ng	99
38) 1-Methylnaphthalene	8.91	142	1028857	43.569	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	465622	40.732	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	521935	82.613	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	359488	44.664	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	383901	42.049	ng	99
46) 1,1'-Biphenyl	9.27	154	1275022	42.603	ng	100
47) 2-Chloronaphthalene	9.30	162	1009640	41.378	ng	99
48) 2-Nitroaniline	9.40	65	319330	43.305	ng	92
49) Acenaphthylene	9.72	152	1580065	41.683	ng	100
50) Dimethylphthalate	9.58	163	1219991	43.101	ng	99
51) 2,6-Dinitrotoluene	9.64	165	274579	45.153	ng	93
52) Acenaphthene	9.89	154	969695	40.236	ng	99
53) 3-Nitroaniline	9.81	138	262000	34.352	ng	96
54) 2,4-Dinitrophenol	9.92	184	300142	85.256	ng	# 84
55) Dibenzofuran	10.06	168	1423099	40.834	ng	99
56) 4-Nitrophenol	9.97	139	475839	82.133	ng	100
57) 2,4-Dinitrotoluene	10.05	165	363421	45.508	ng	97
58) Fluorene	10.40	166	1006126	38.708	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	324887	46.738	ng	97
60) Diethylphthalate	10.28	149	1216494	42.490	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	496079	35.782	ng	99
62) 4-Nitroaniline	10.43	138	300510	40.449	ng	97
63) Azobenzene	10.56	77	1134826	41.635	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	200240	47.016	ng	98
66) n-Nitrosodiphenylamine	10.52	169	1016182	43.817	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	351852	42.807	ng	97
68) Hexachlorobenzene	10.95	284	393786	44.289	ng	# 89
69) Atrazine	11.05	200	291395	50.734	ng	99
70) Pentachlorophenol	11.15	266	437906	85.970	ng	100
71) Phenanthrene	11.36	178	1563838	41.245	ng	99
72) Anthracene	11.42	178	1593608	41.857	ng	99
73) Carbazole	11.57	167	1513733	40.063	ng	99
74) Di-n-butylphthalate	11.90	149	1831423	42.003	ng	99
75) Fluoranthene	12.55	202	1708190	40.645	ng	99
77) Benzidine	12.67	184	861155	59.588	ng	99
78) Pyrene	12.77	202	1727787	44.460	ng	99
80) Butylbenzylphthalate	13.40	149	789948	45.598	ng	97
81) Benzo(a)anthracene	13.96	228	1336948	40.166	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	543848	43.308	ng	100
83) Chrysene	14.00	228	1459714	41.731	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	928016	43.441	ng	# 99
85) Di-n-octyl phthalate	14.57	149	1837650	43.238	ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1502294	40.376	ng	99
88) Benzo(b)fluoranthene	15.00	252	1532159	47.378	ng	99
89) Benzo(k)fluoranthene	15.03	252	1385409	46.974	ng	100
90) Benzo(a)pyrene	15.36	252	1313228	44.509	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1256697	41.348	ng	99
92) Benzo(g,h,i)perylene	17.28	276	1167488	38.959	ng	98

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

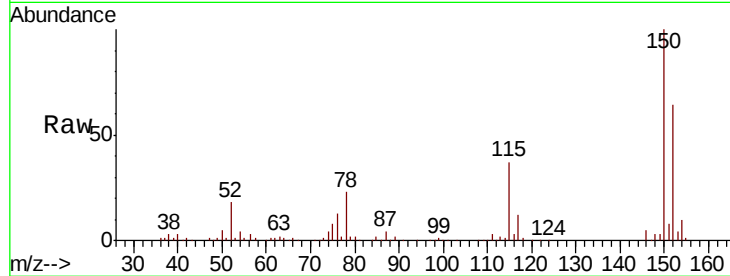


#1

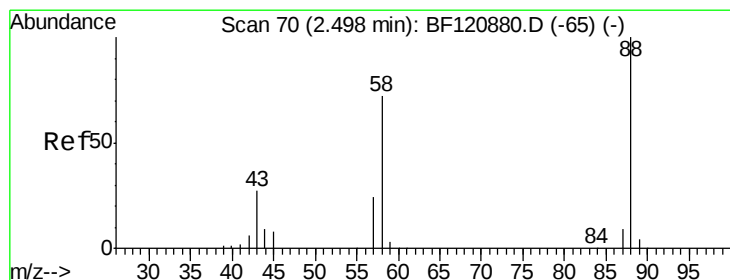
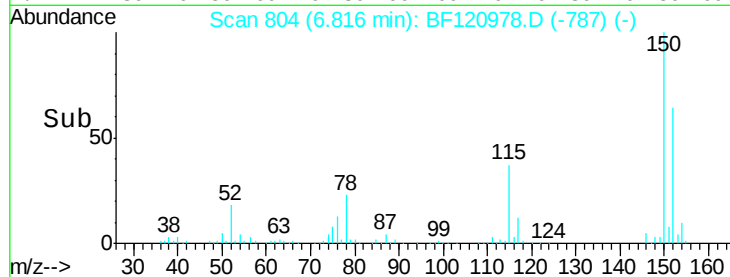
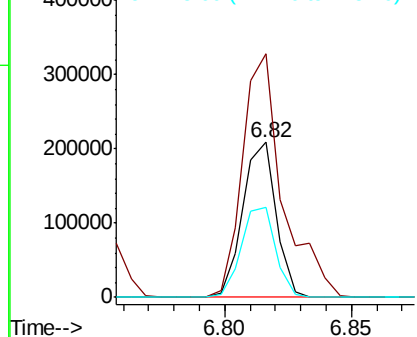
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 191117
Ion Ratio Lower Upper
152 100
150 157.3 125.0 187.6
115 58.1 47.0 70.4



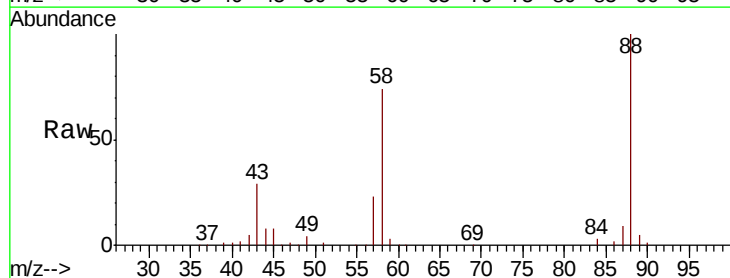
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



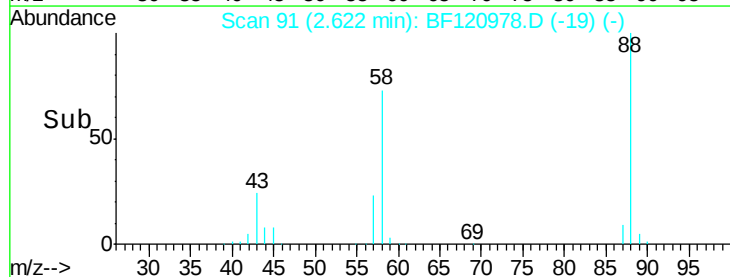
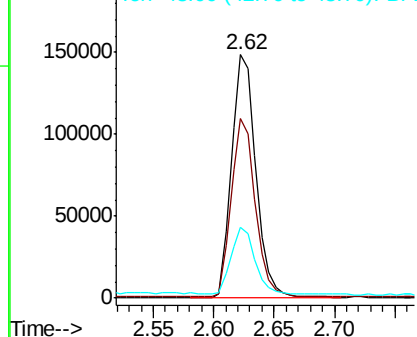
#2

1,4-Dioxane
Concen: 38.605 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.12 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion: 88 Resp: 207132
Ion Ratio Lower Upper
88 100
58 72.5 58.2 87.2
43 27.3 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: 39.594 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.12 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampled :

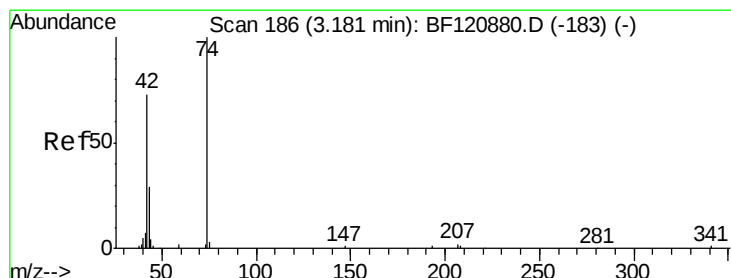
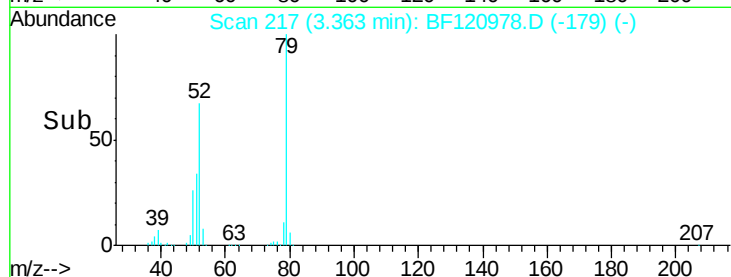
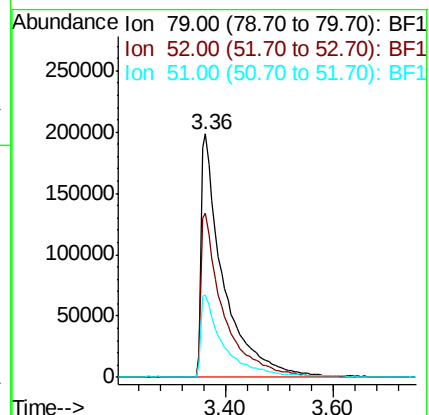
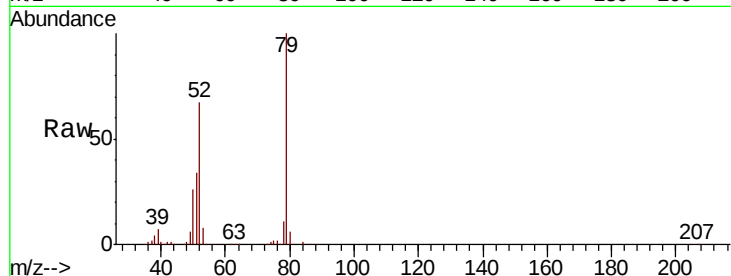
Tot Ion: 79 Resp: 565123

Ion Ratio Lower Upper

79 100

52 67.3 55.0 82.6

51 34.0 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 42.957 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.13 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

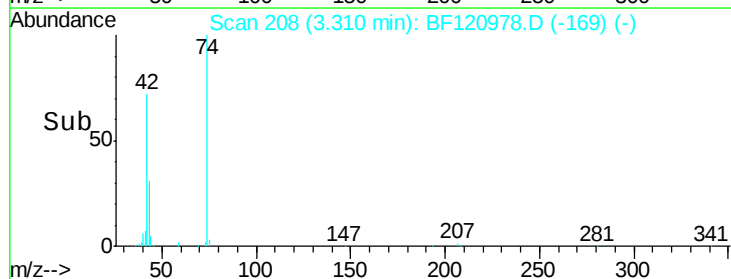
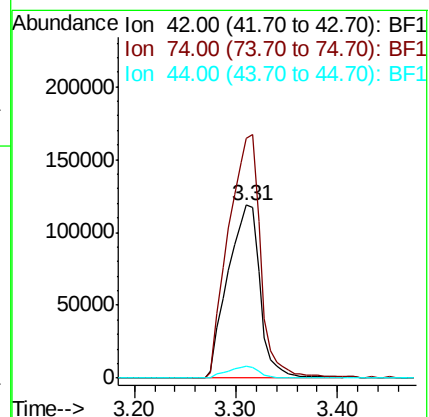
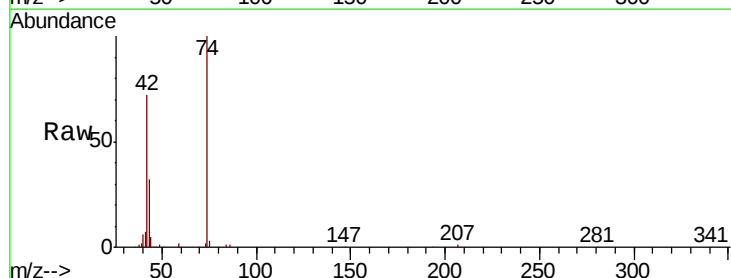
Tgt Ion: 42 Resp: 262180

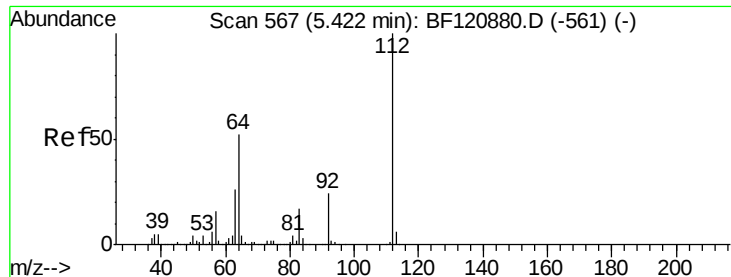
Ion Ratio Lower Upper

42 100

74 138.7 108.7 163.1

44 6.7 5.2 7.8





#5

2-Fluorophenol

Concen: 118.271 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

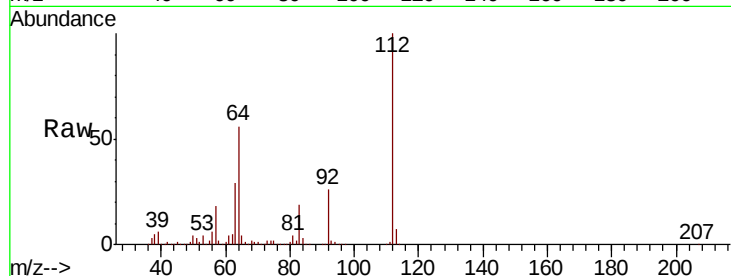
Tot Ion:112 Resp: 1378809

Ion Ratio Lower Upper

112 100

64 56.2 41.3 61.9

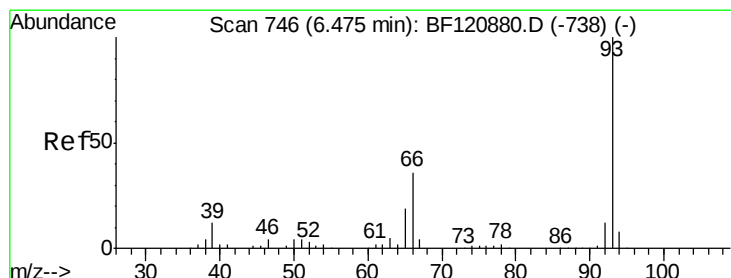
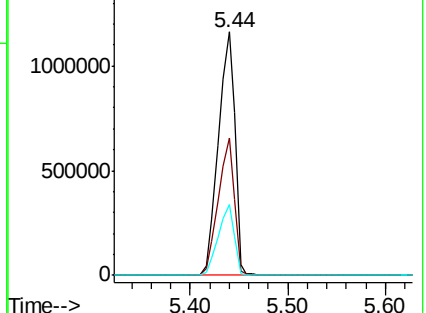
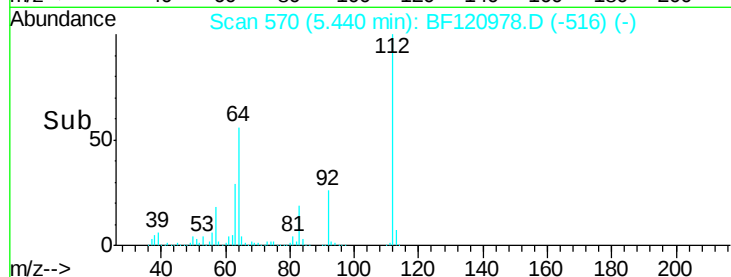
63 28.9 21.1 31.7



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: 36.919 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

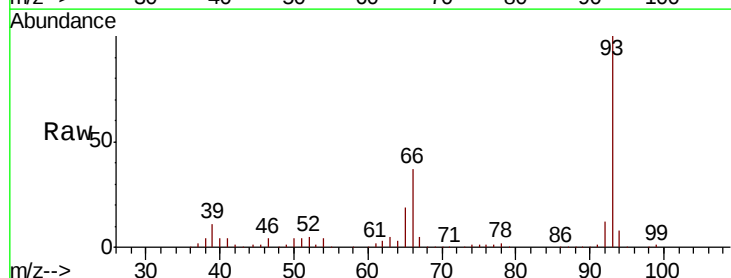
Tgt Ion: 93 Resp: 725741

Ion Ratio Lower Upper

93 100

66 36.5 30.2 45.4

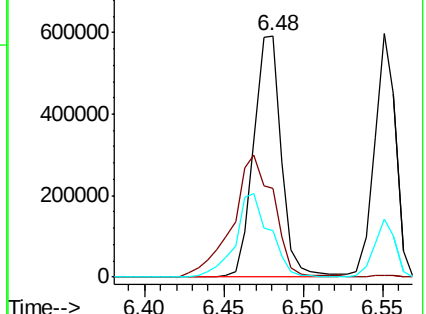
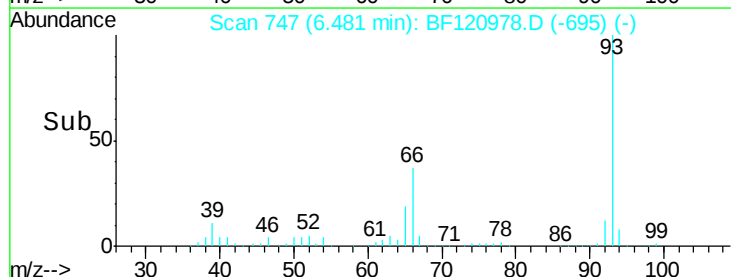
65 19.1 15.8 23.6



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: 114.057 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

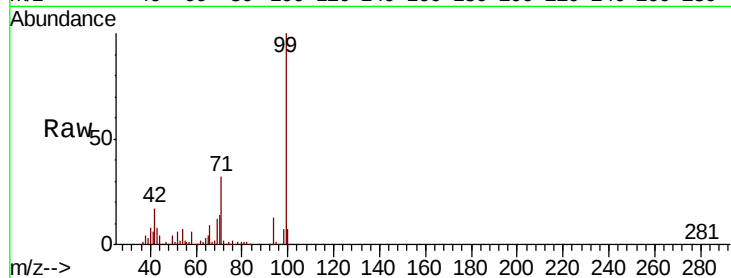
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1717613

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.1	19.7
71	31.9	24.2	36.4

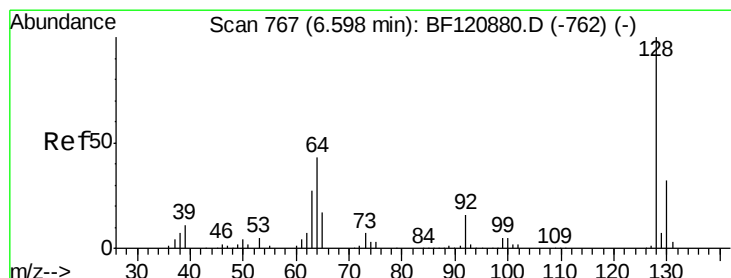
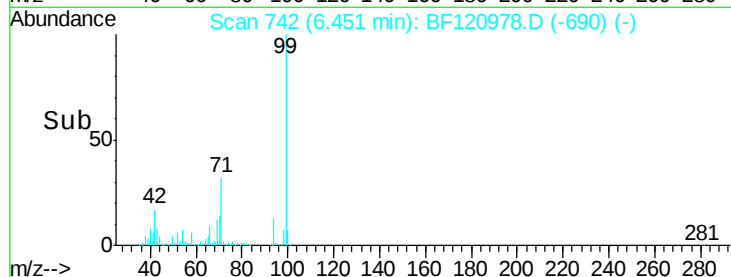


Abundance

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: 45.725 ng

RT: 6.60 min Scan# 767

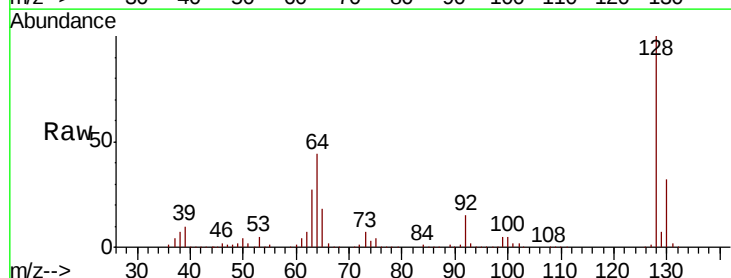
Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Tgt Ion:128 Resp: 587243

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.1	52.1
64	43.7	24.0	64.0

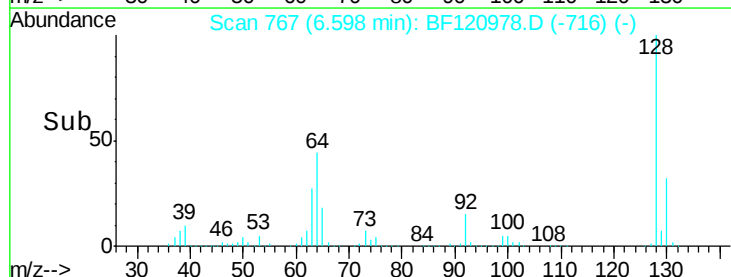


Abundance

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: 30.890 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

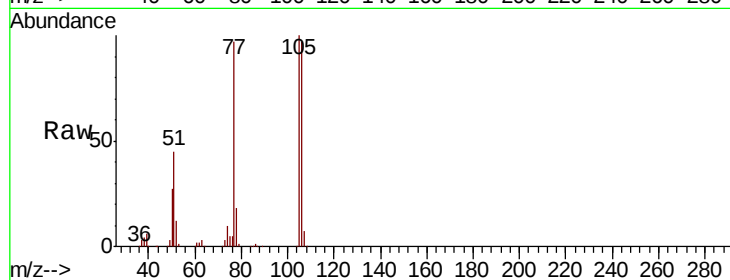
Tot Ion: 77 Resp: 239896

Ion Ratio Lower Upper

77 100

105 102.6 82.5 122.5

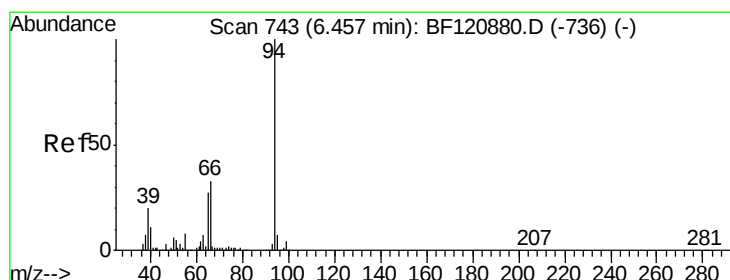
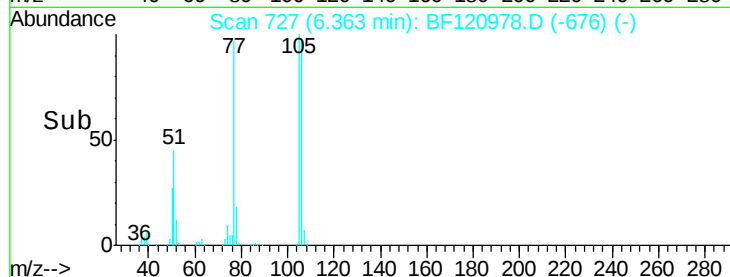
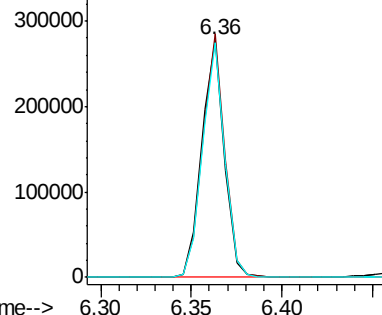
106 99.1 78.7 118.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.652 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

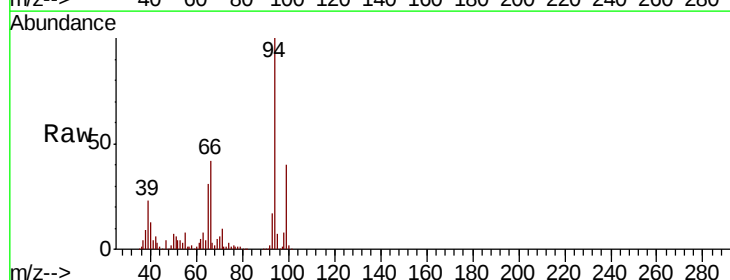
Tgt Ion: 94 Resp: 673424

Ion Ratio Lower Upper

94 100

65 30.7 6.6 46.6

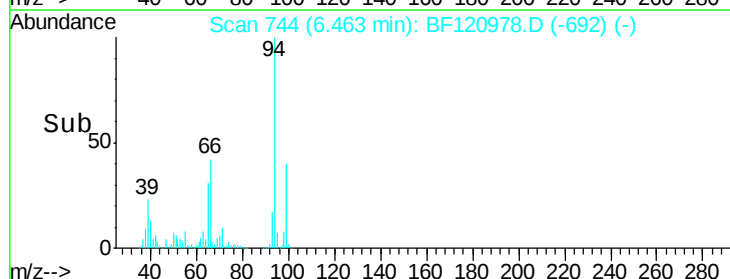
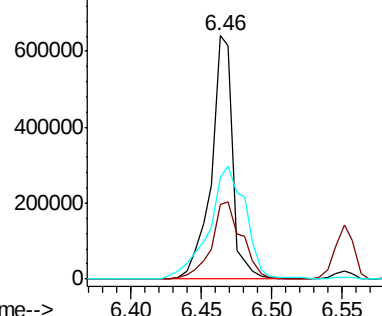
66 41.7 13.2 53.2

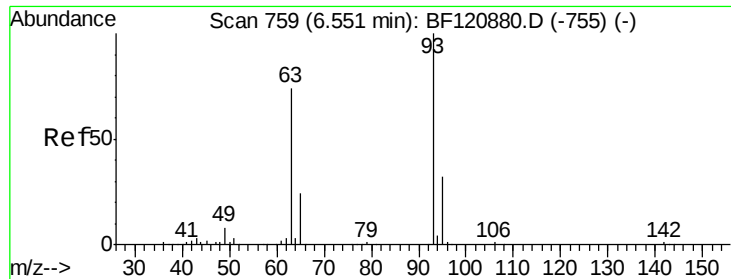


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

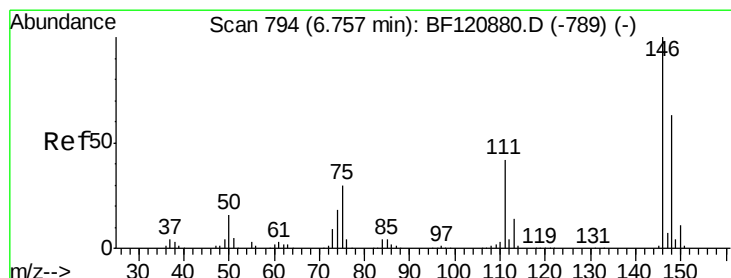
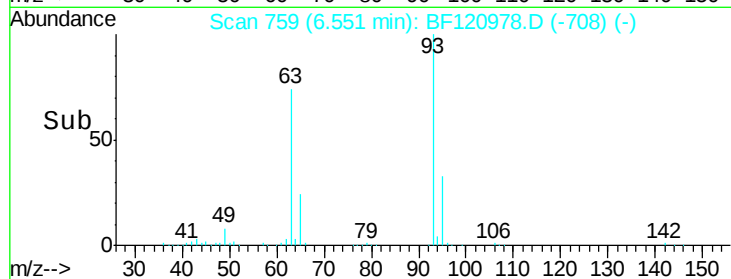
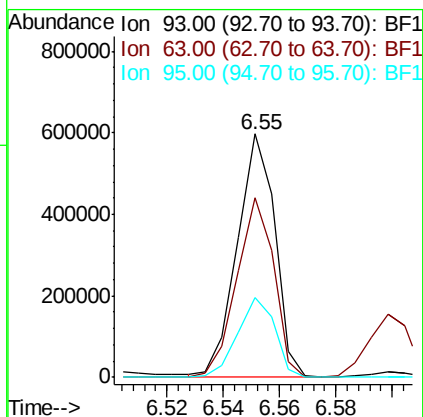
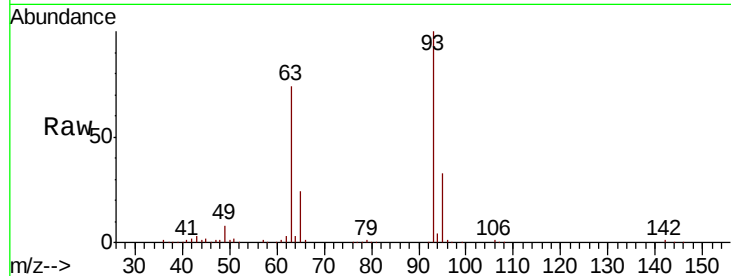




#11
 bis(2-Chloroethyl)ether
 Concen: 43.444 ng
 RT: 6.55 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

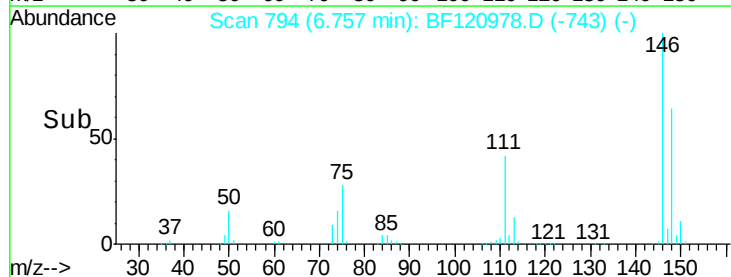
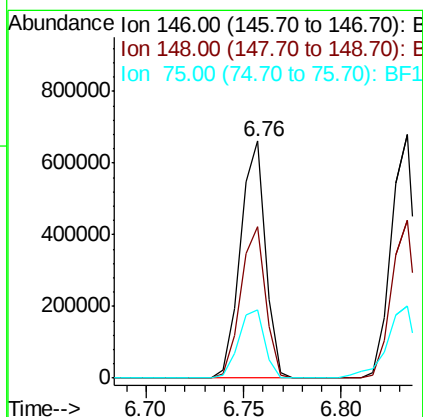
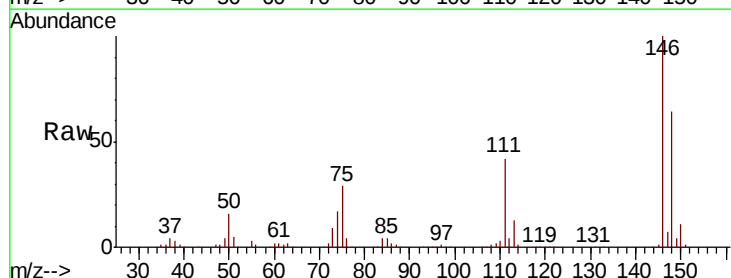
Instrument :
 BNA_F
 ClientSampleId :

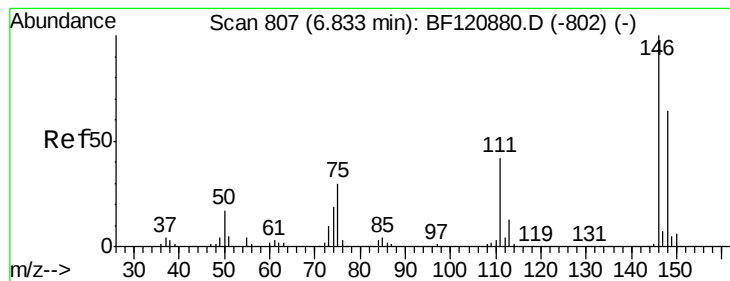
Tot Ion	93	Resp	551552
Ion Ratio	100	Lower	Upper
63	73.9	54.2	94.2
95	32.8	12.2	52.2



#12
 1,3-Dichlorobenzene
 Concen: 42.060 ng
 RT: 6.76 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion	146	Resp	585734
Ion Ratio	100	Lower	Upper
148	63.9	50.6	75.8
75	28.8	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 42.358 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

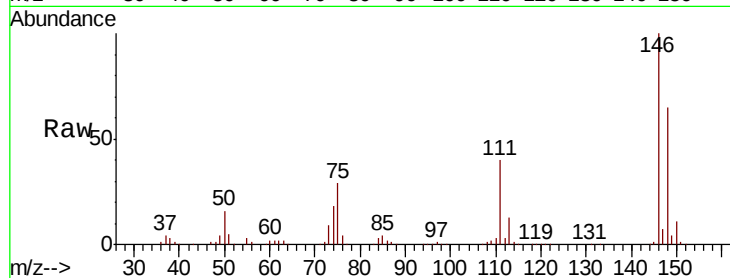
Tot Ion:146 Resp: 586562

Ion Ratio Lower Upper

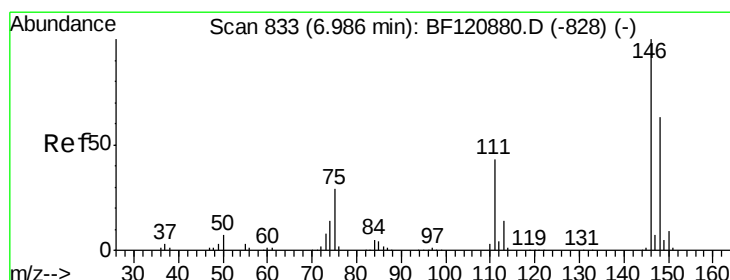
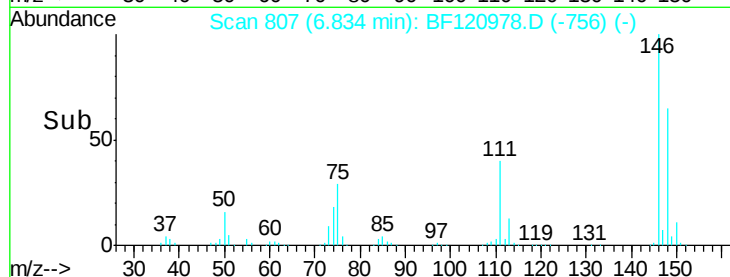
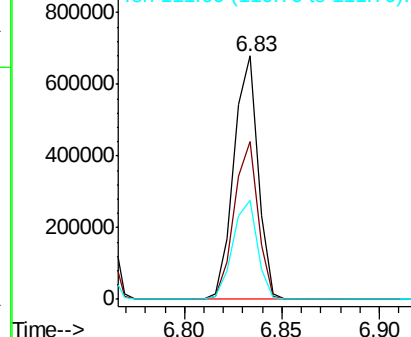
146 100

148 64.6 51.6 77.4

111 40.5 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: 40.728 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

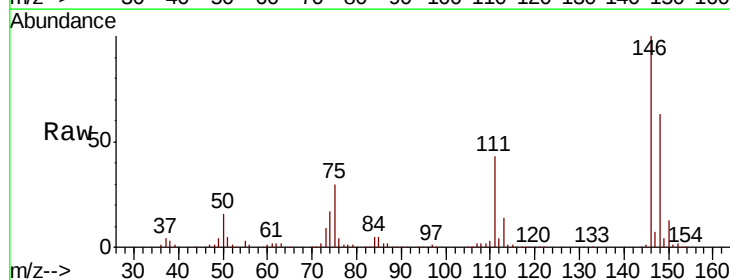
Tgt Ion:146 Resp: 533549

Ion Ratio Lower Upper

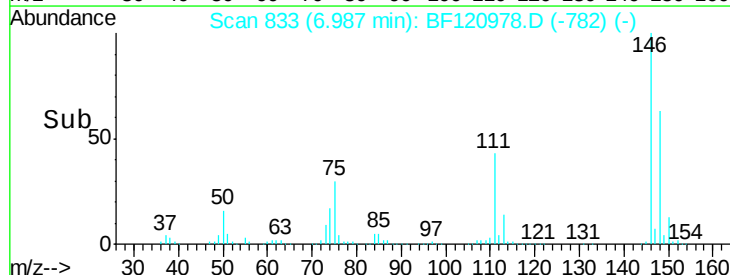
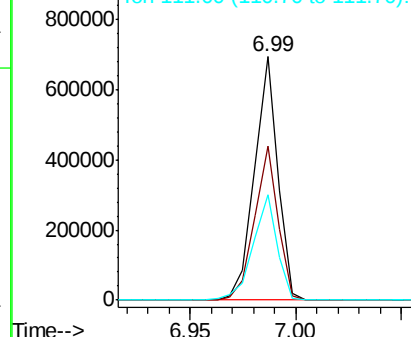
146 100

148 63.3 50.6 76.0

111 43.4 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: 39.372 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampled :

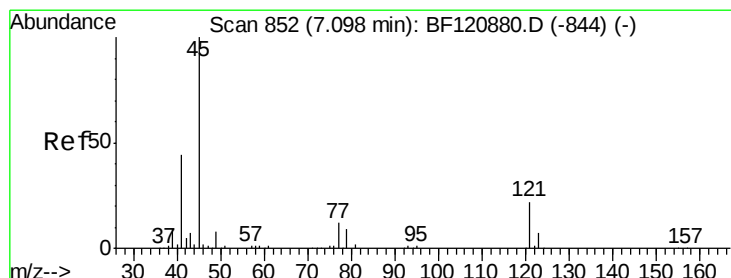
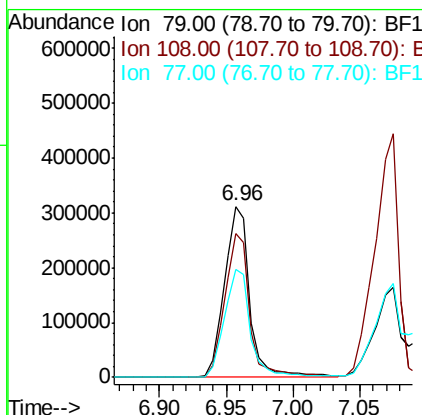
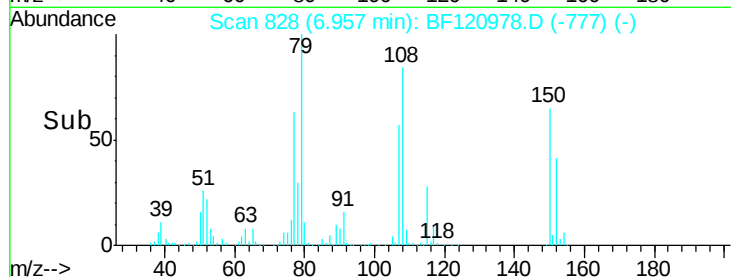
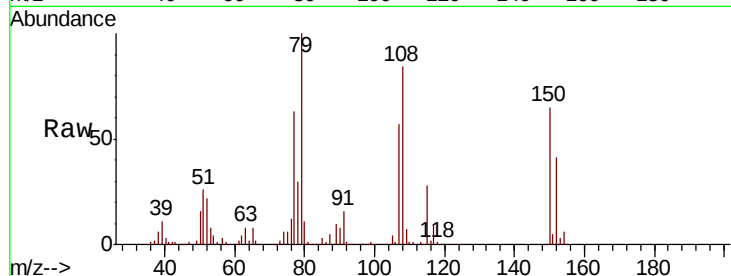
Tot Ion: 79 Resp: 419300

Ion Ratio Lower Upper

79 100

108 83.6 67.0 100.6

77 63.0 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.451 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

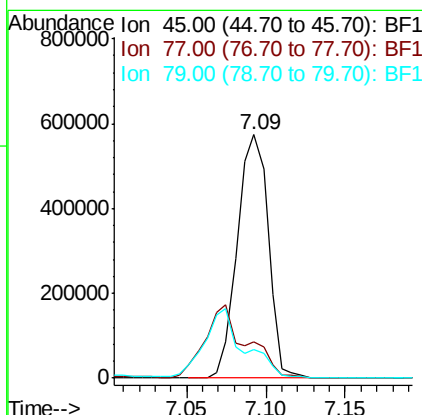
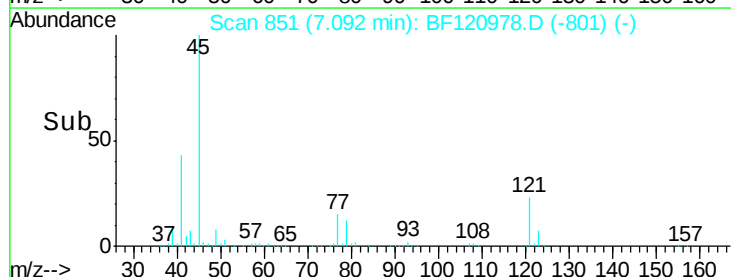
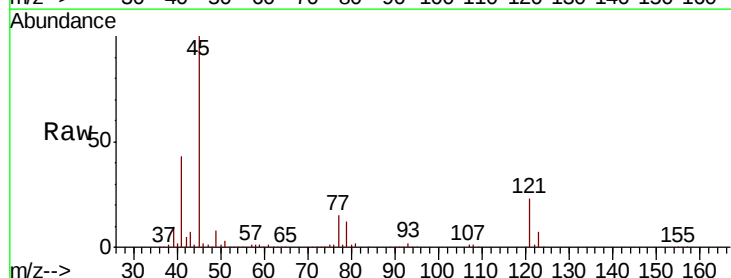
Tgt Ion: 45 Resp: 776804

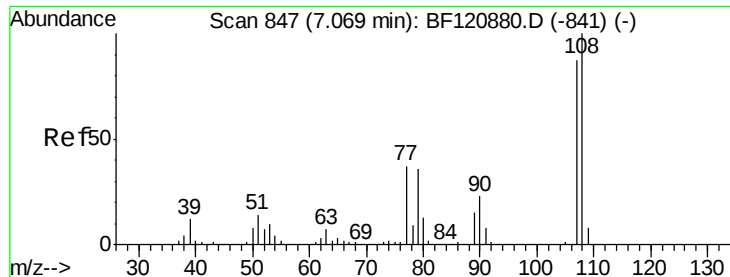
Ion Ratio Lower Upper

45 100

77 14.7 0.0 34.3

79 11.6 0.0 31.0

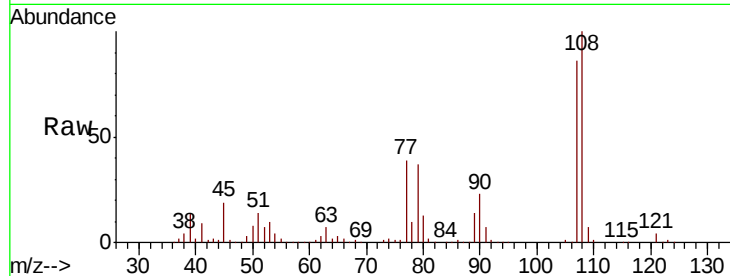




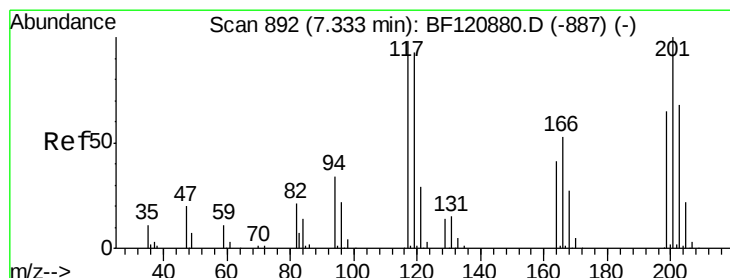
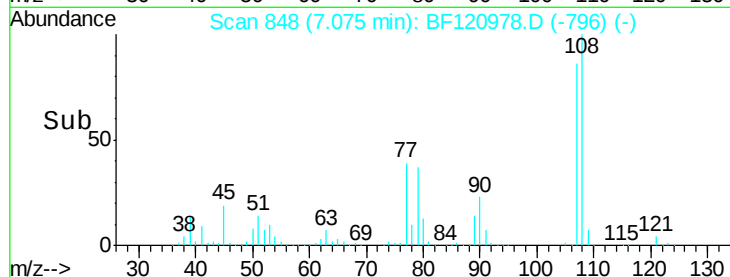
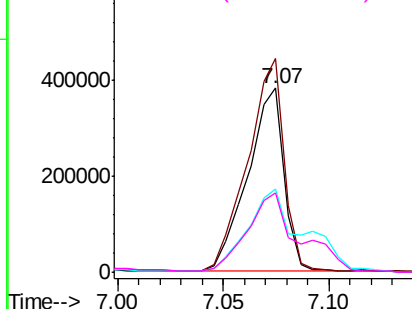
#17
2-Methylphenol
Concen: 40.385 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 459704
Ion Ratio Lower Upper
107 100
108 115.9 92.0 138.0
77 45.0 34.0 51.0
79 42.8 33.3 49.9

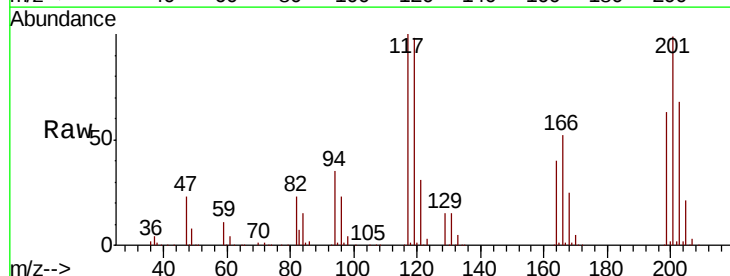


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

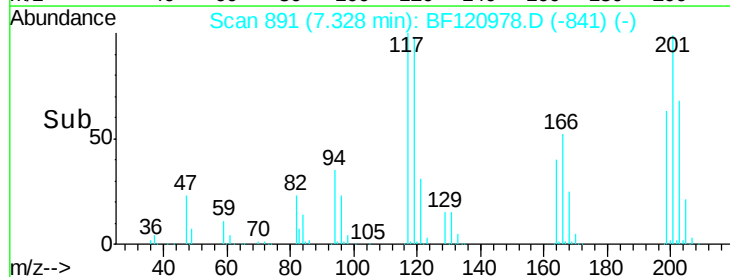
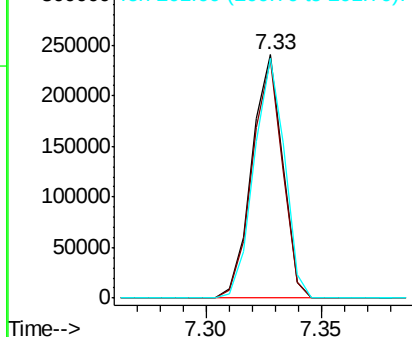


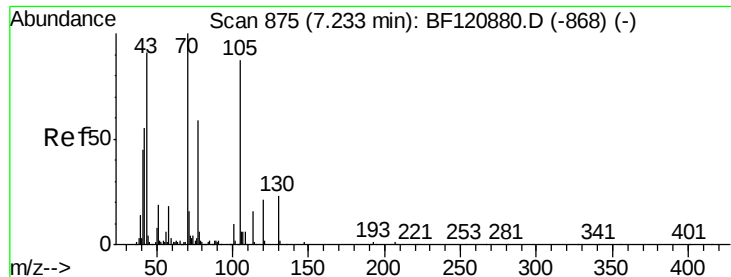
#18
Hexachloroethane
Concen: 44.692 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:117 Resp: 223997
Ion Ratio Lower Upper
117 100
119 97.9 76.0 114.0
201 98.7 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

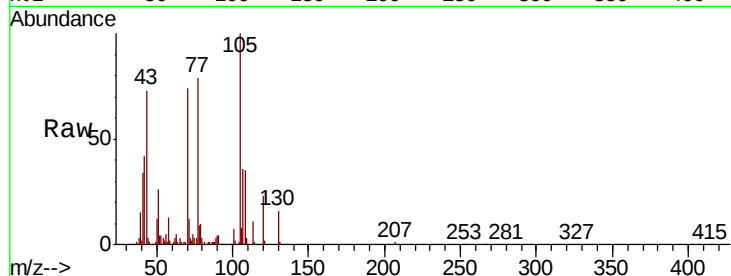




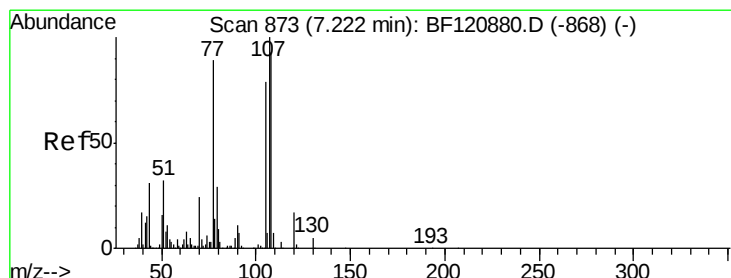
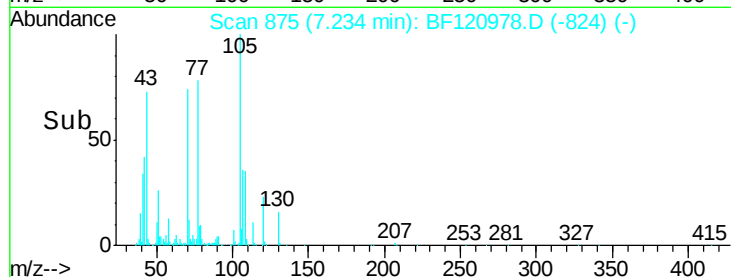
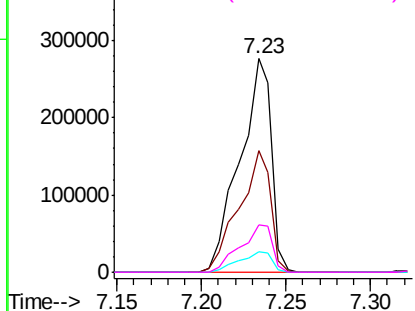
#19
n-Nitroso-di-n-propylamine
Concen: 42.226 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 361588
Ion Ratio Lower Upper
70 100
42 56.8 44.0 66.0
101 9.8 7.8 11.6
130 22.3 18.7 28.1

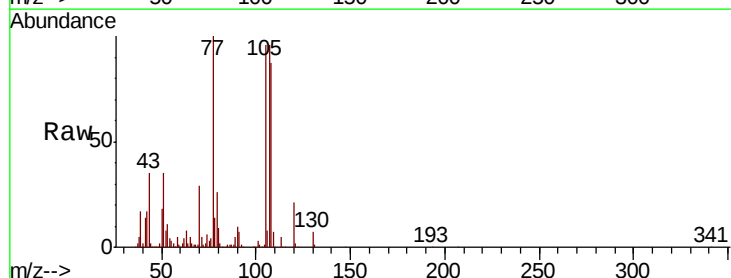


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

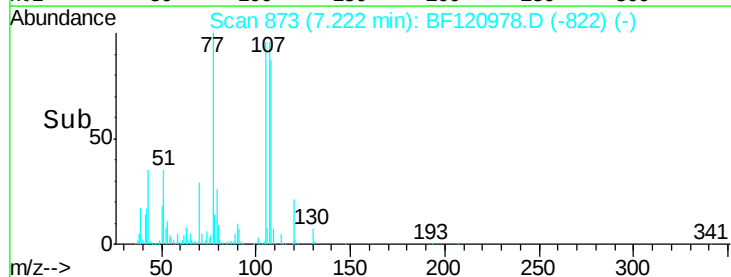
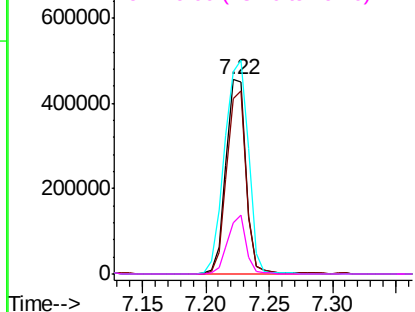


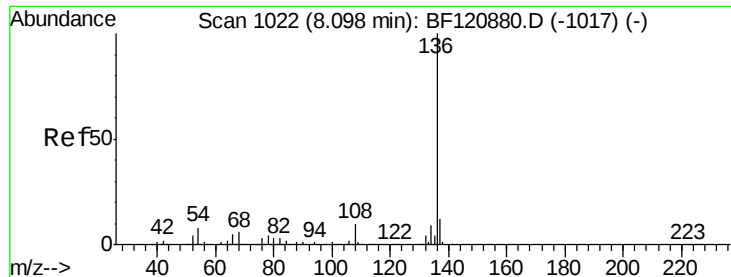
#20
3+4-Methylphenols
Concen: 34.403 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion: 107 Resp: 498168
Ion Ratio Lower Upper
107 100
108 90.4 72.8 112.8
77 104.3 68.7 108.7
79 26.7 8.5 48.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 748619

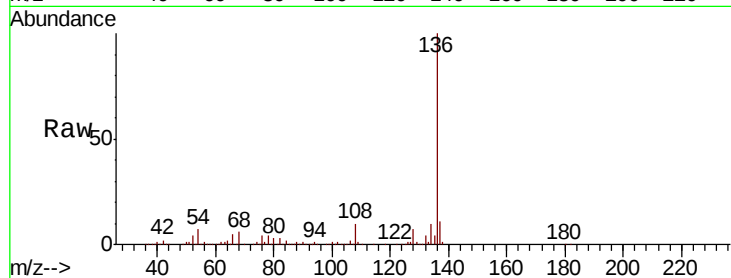
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 7.4 6.3 9.5

68 5.8 5.0 7.4

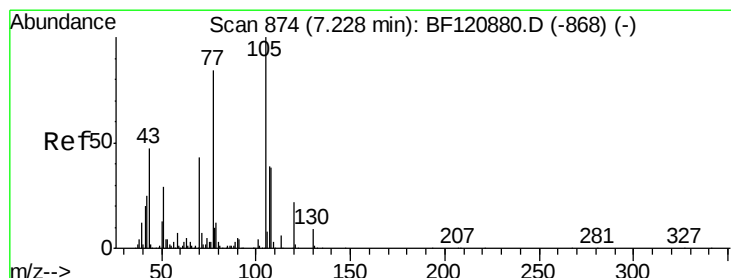
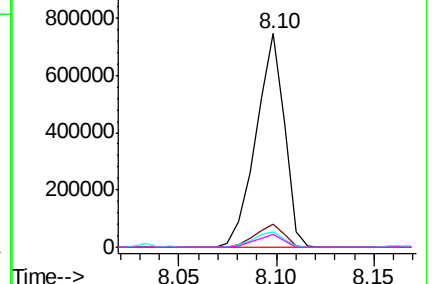
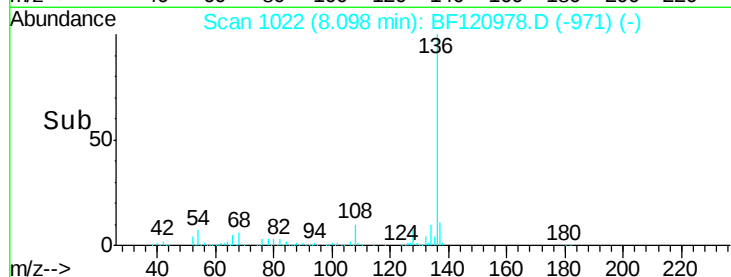


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.034 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Tgt Ion:105 Resp: 689427

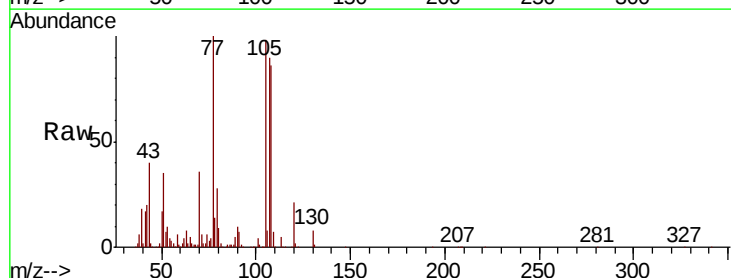
Ion Ratio Lower Upper

105 100

71 6.0 5.7 8.5

51 35.4 22.9 34.3#

120 21.9 18.0 27.0

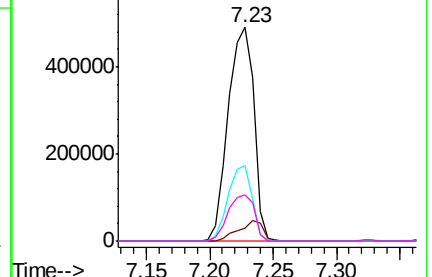
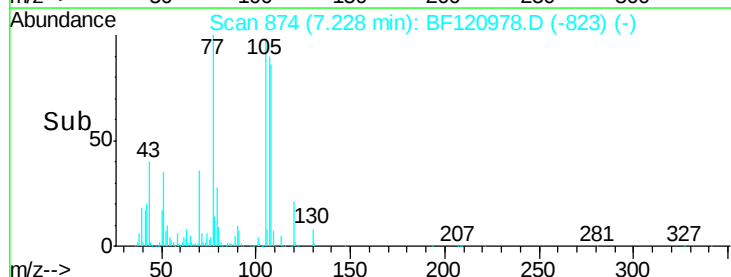


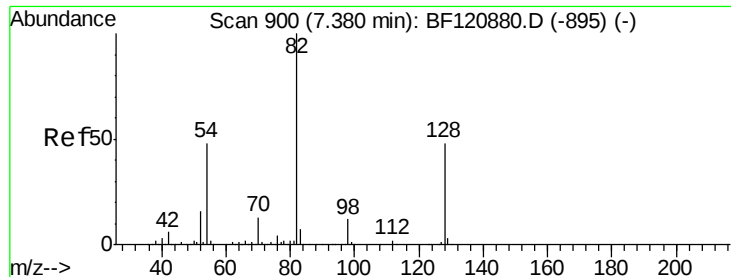
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



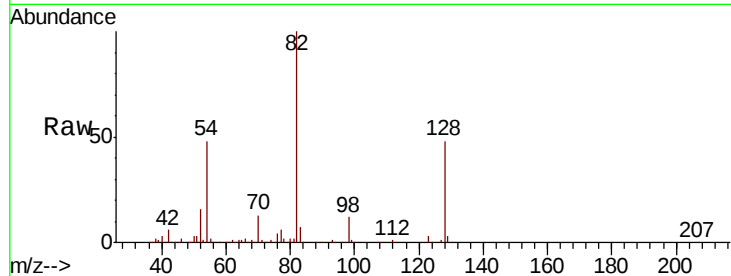


#23
 Nitrobenzene-d5
 Concen: 86.631 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

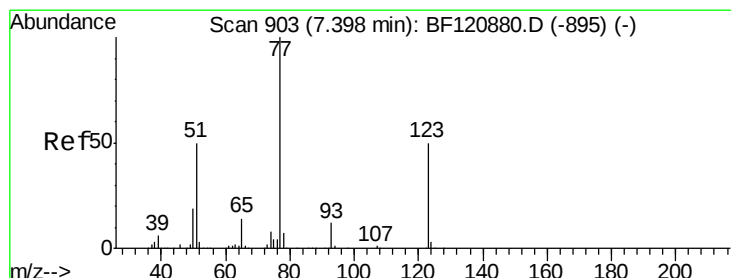
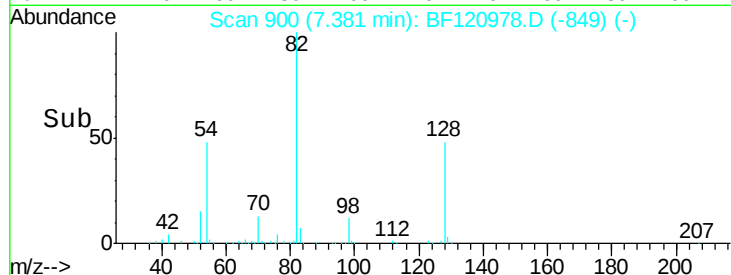
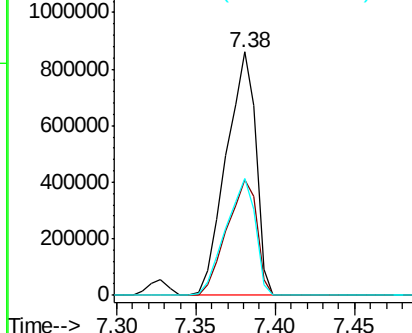
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1120808

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.2	57.4
54	48.0	38.7	58.1



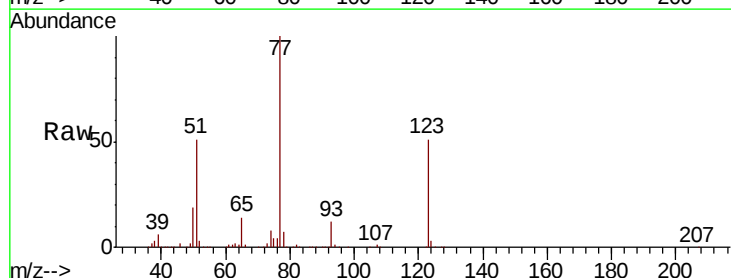
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



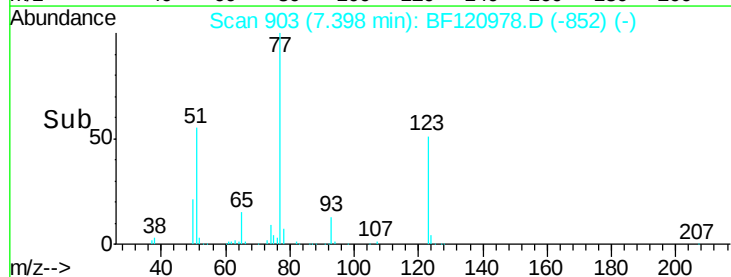
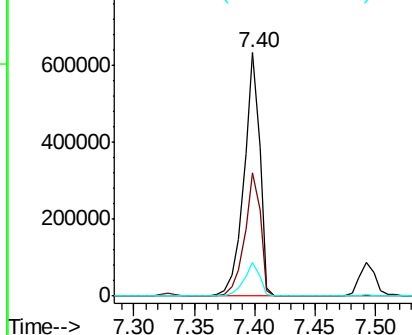
#24
 Nitrobenzene
 Concen: 41.445 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

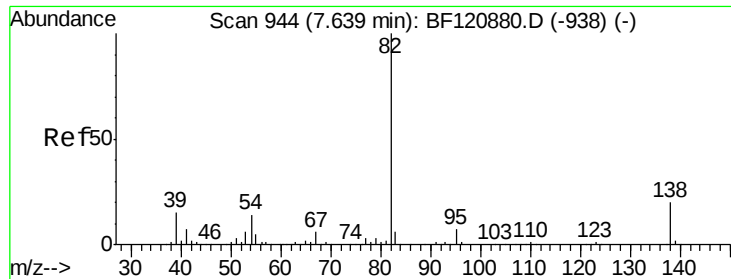
Tgt Ion: 77 Resp: 577928

Ion	Ratio	Lower	Upper
77	100		
123	50.7	40.1	60.1
65	13.6	10.8	16.2



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





#25

Isophorone

Concen: 42.389 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

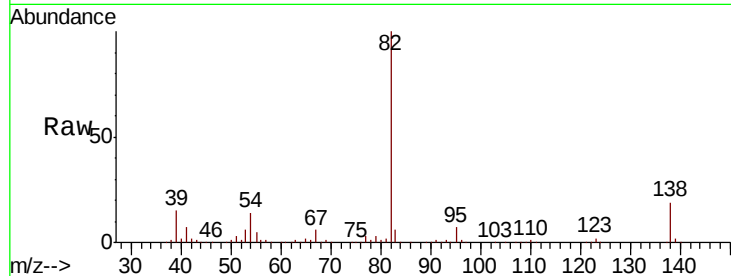
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1094527

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.5	8.3
138	18.6	15.6	23.4

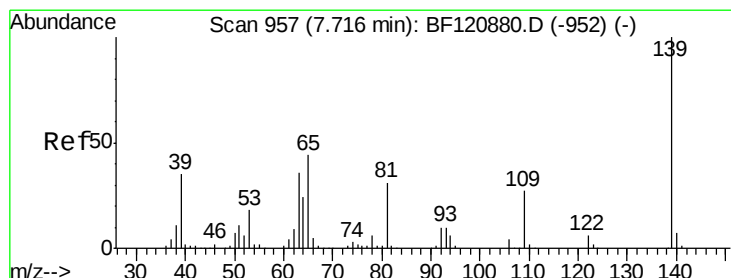
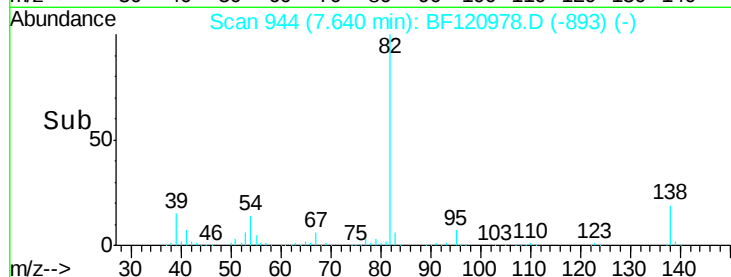
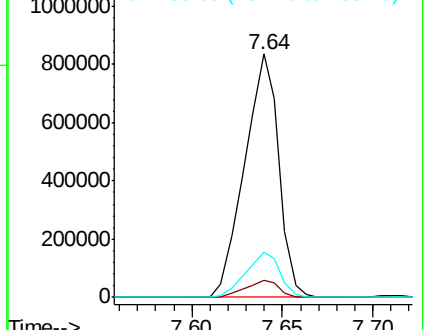


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.530 ng

RT: 7.72 min Scan# 957

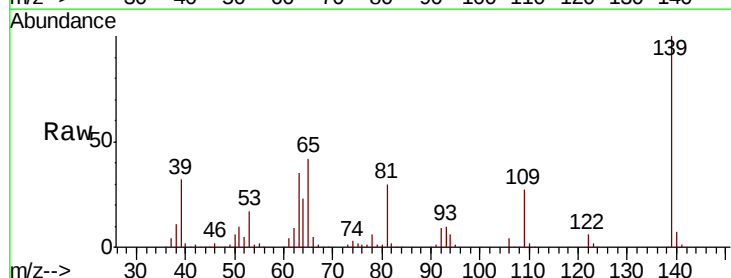
Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Tgt Ion: 139 Resp: 314776

Ion	Ratio	Lower	Upper
139	100		
109	26.6	21.6	32.4
65	41.9	35.3	52.9

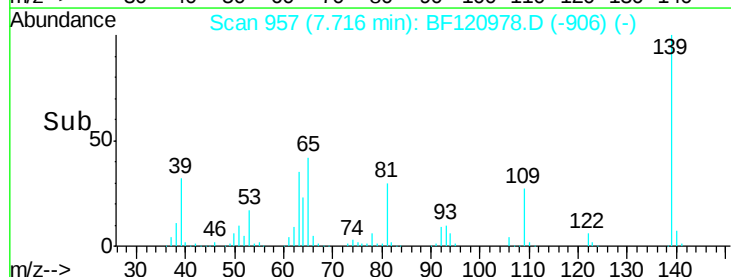
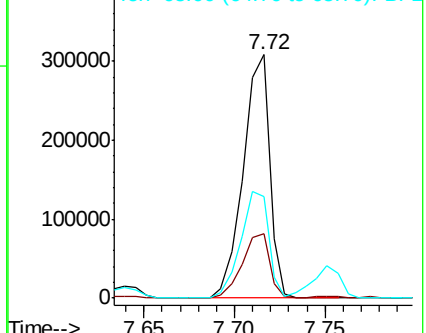


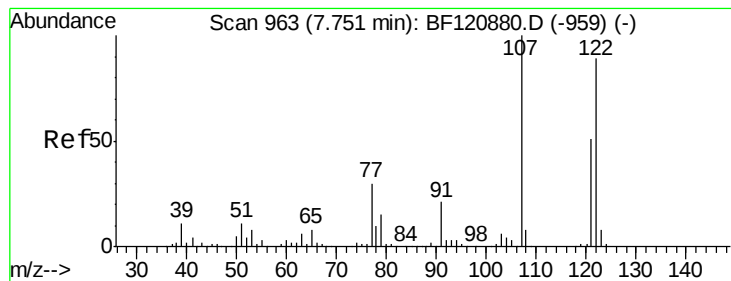
Abundance

Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.515 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

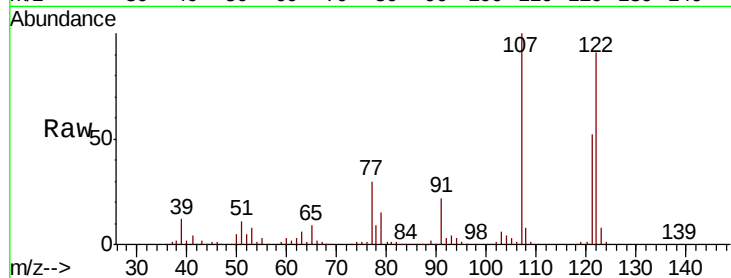
Tot Ion:122 Resp: 489399

Ion Ratio Lower Upper

122 100

107 109.6 89.4 134.0

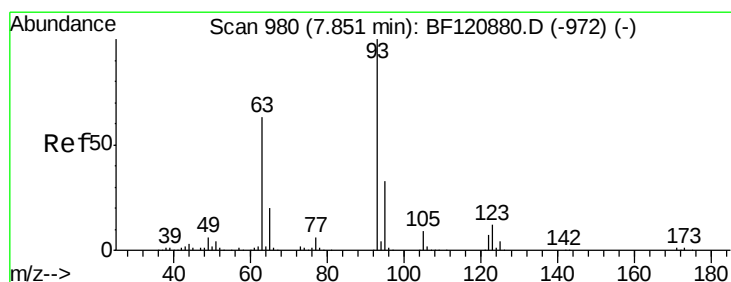
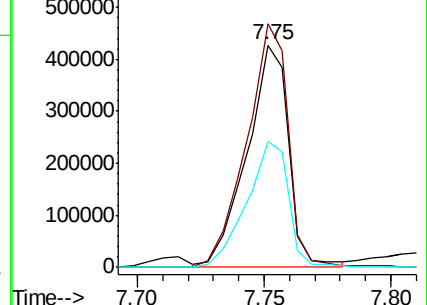
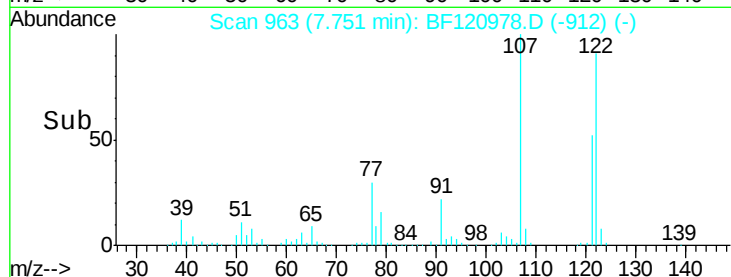
121 56.9 46.0 69.0



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: 44.390 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

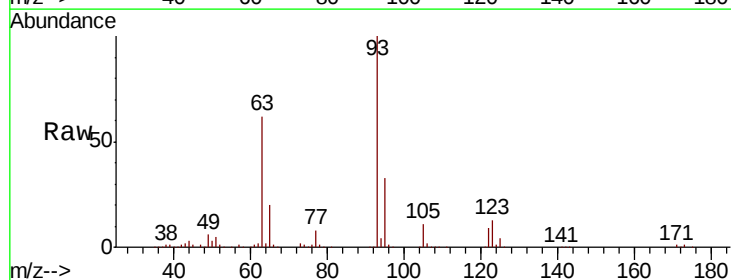
Tgt Ion: 93 Resp: 699664

Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

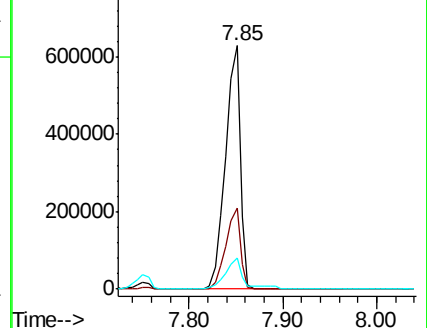
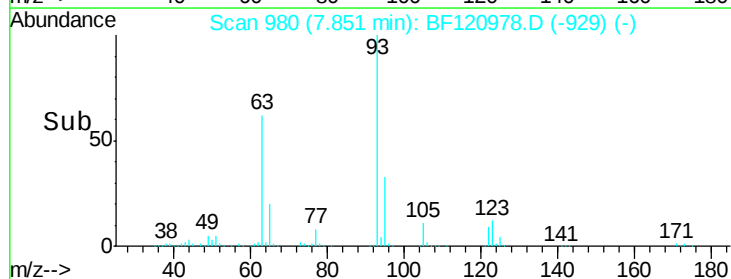
123 12.6 10.0 15.0

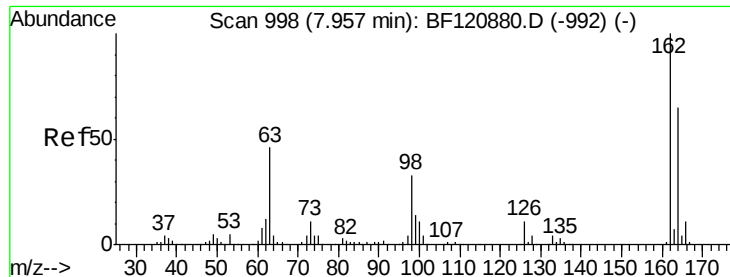


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

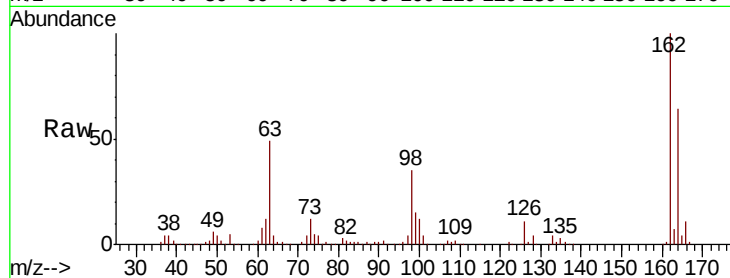




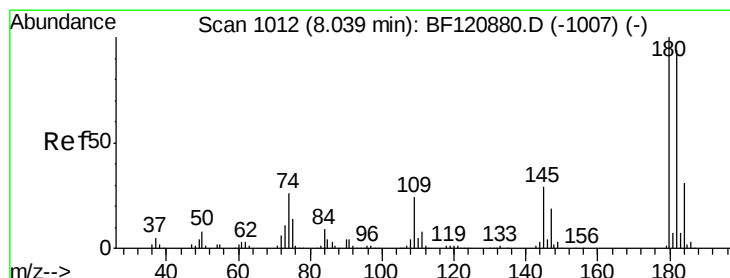
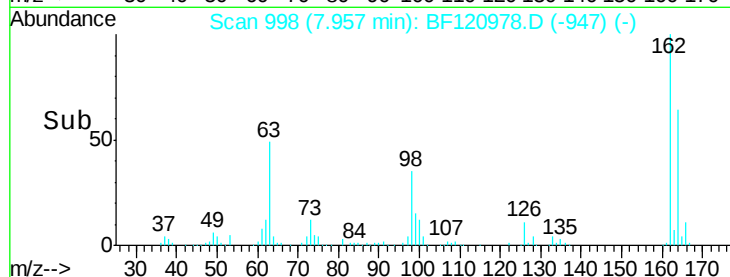
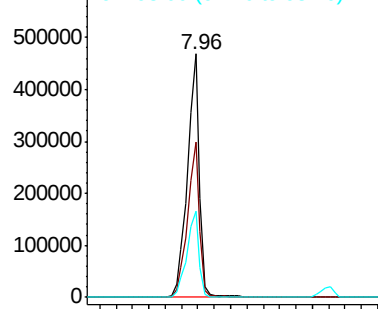
#29
2,4-Dichlorophenol
Concen: 44.103 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 484583
Ion Ratio Lower Upper
162 100
164 63.5 45.3 85.3
98 35.4 13.3 53.3

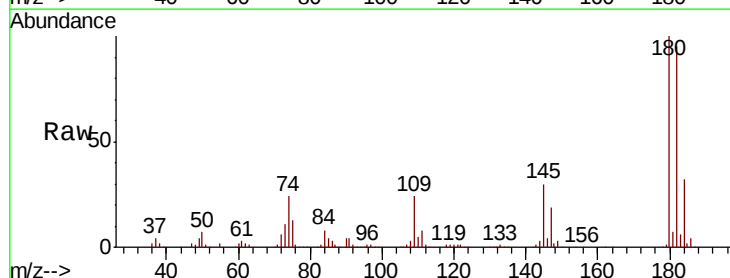


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

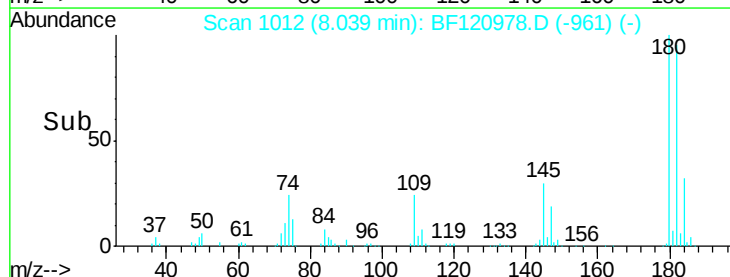
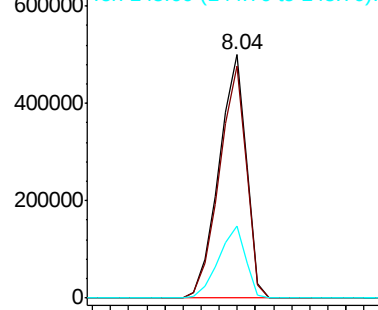


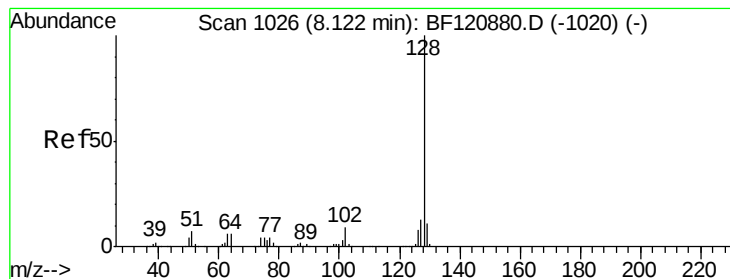
#30
1,2,4-Trichlorobenzene
Concen: 42.894 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:180 Resp: 522887
Ion Ratio Lower Upper
180 100
182 95.3 75.0 112.6
145 29.7 23.5 35.3



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





#31

Naphthalene

Concen: 41.250 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

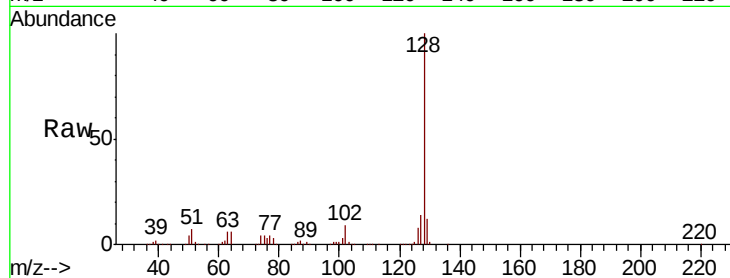
Tot Ion:128 Resp: 1584025

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

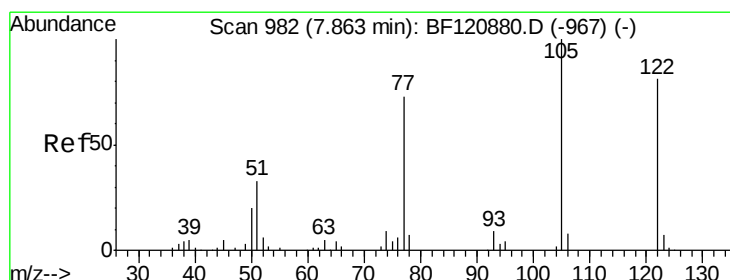
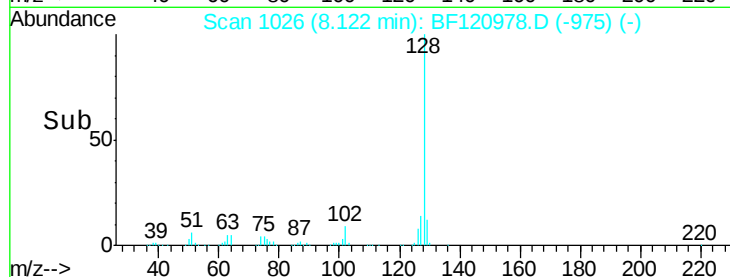
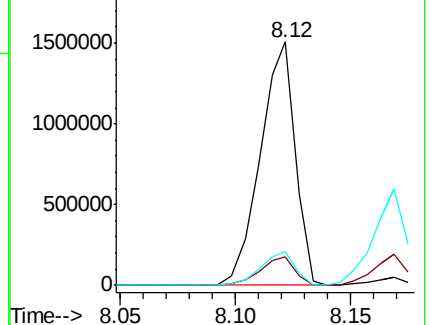
127 13.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.671 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

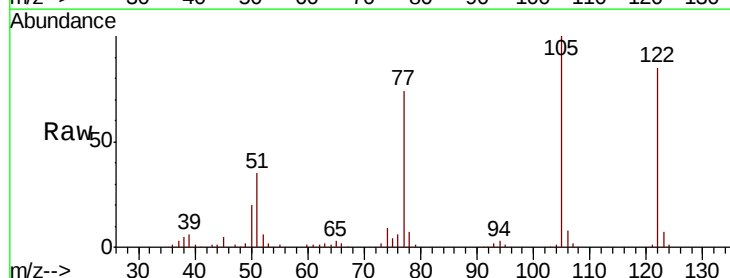
Tgt Ion:122 Resp: 376705

Ion Ratio Lower Upper

122 100

105 118.2 101.3 141.3

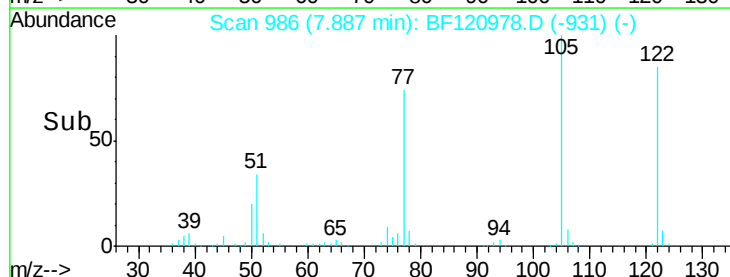
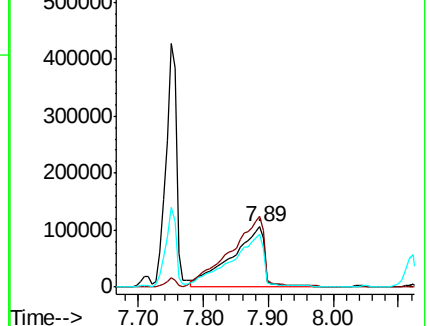
77 88.0 69.1 109.1

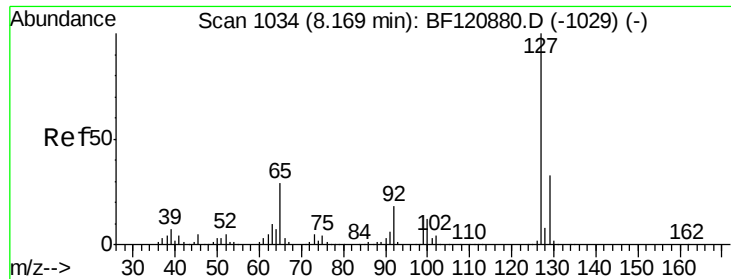


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

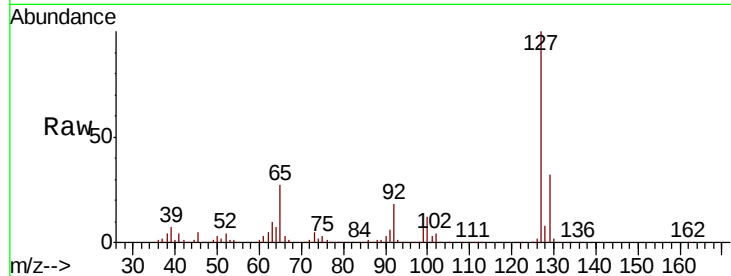




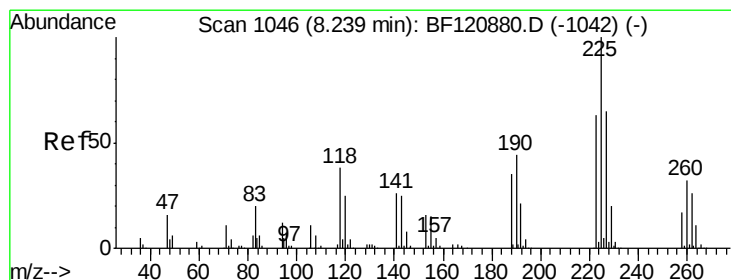
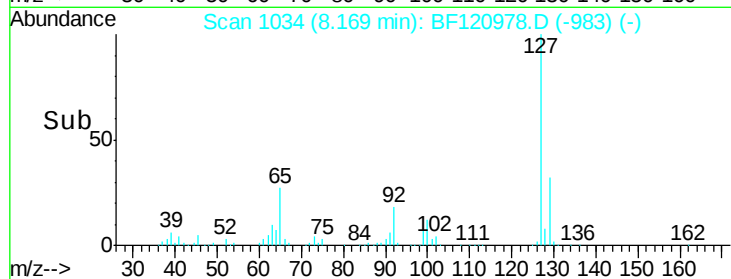
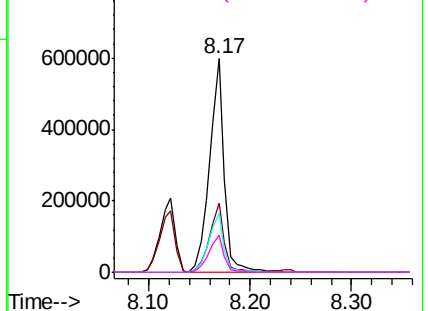
#33
4-Chloroaniline
Concen: 35.026 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	600011
Ion	Ratio	Lower Upper
127	100	
129	32.4	26.5 39.7
65	27.3	23.0 34.4
92	17.6	14.5 21.7

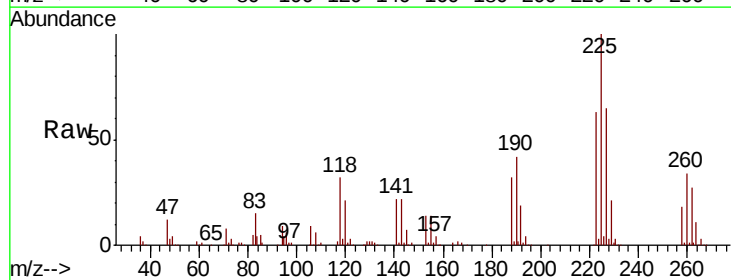


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

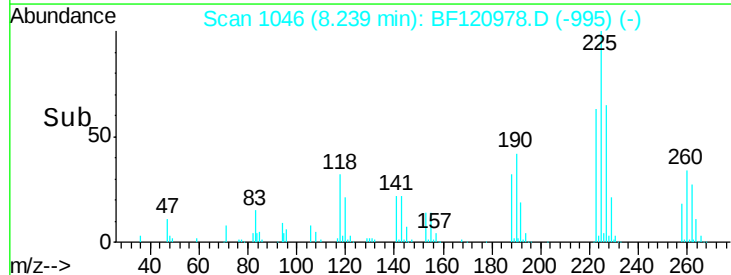
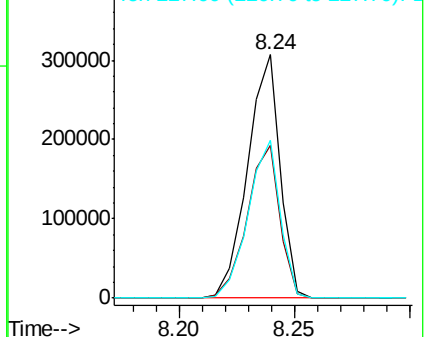


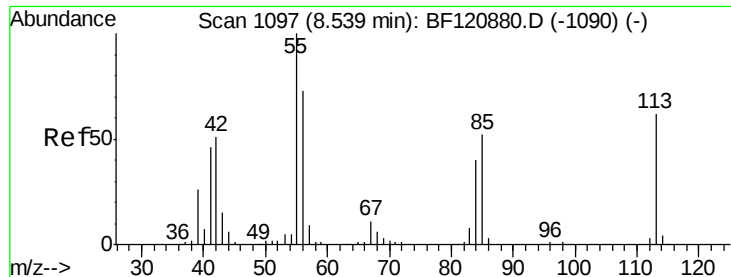
#34
Hexachlorobutadiene
Concen: 42.033 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:225	Resp:	302059
Ion	Ratio	Lower Upper
225	100	
223	62.7	50.6 76.0
227	65.0	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: 33.251 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

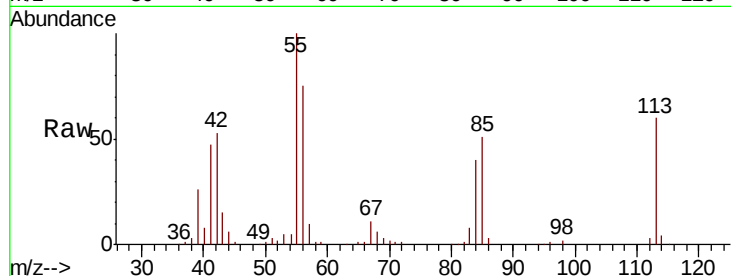
Tot Ion:113 Resp: 117159

Ion Ratio Lower Upper

113 100

55 165.6 143.3 183.3

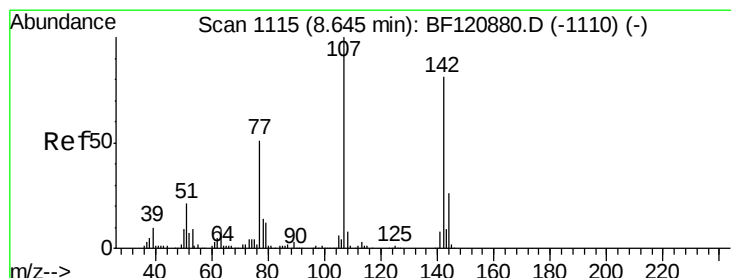
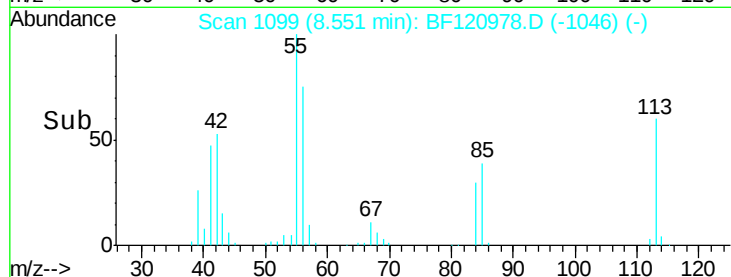
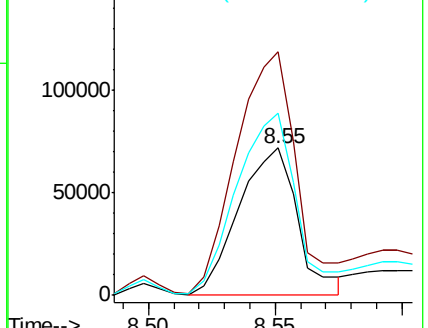
56 124.1 99.4 139.4



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: 44.996 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

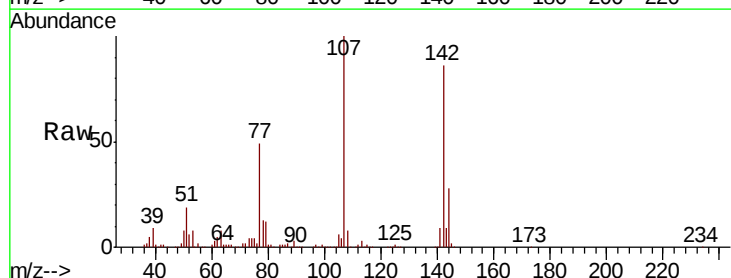
Tgt Ion:107 Resp: 507045

Ion Ratio Lower Upper

107 100

144 28.1 21.0 31.6

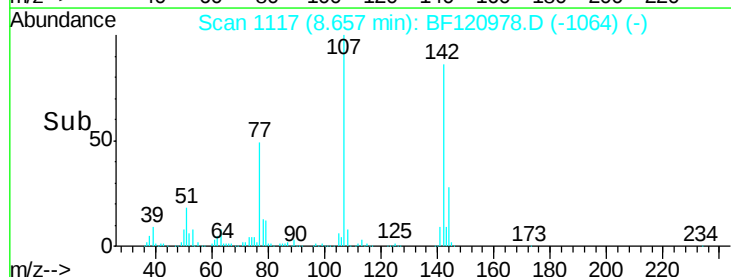
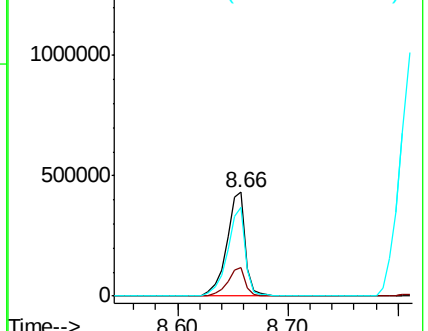
142 86.3 65.0 97.6

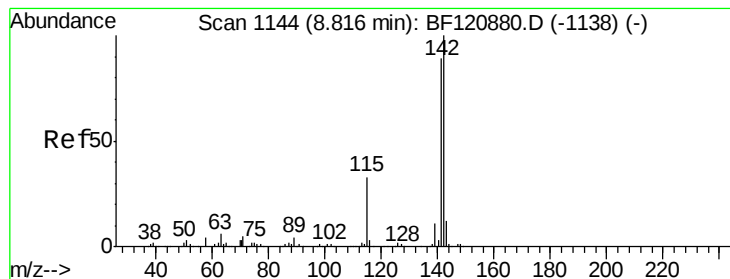


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.500 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

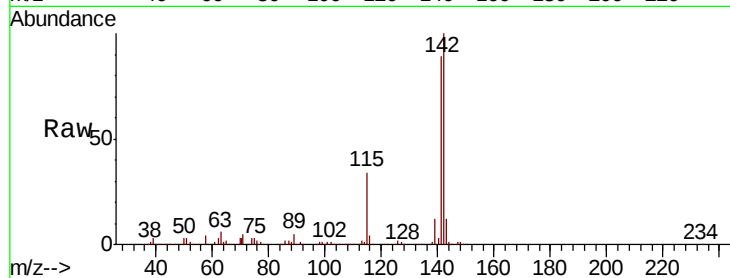
Tot Ion:142 Resp: 1084620

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.4

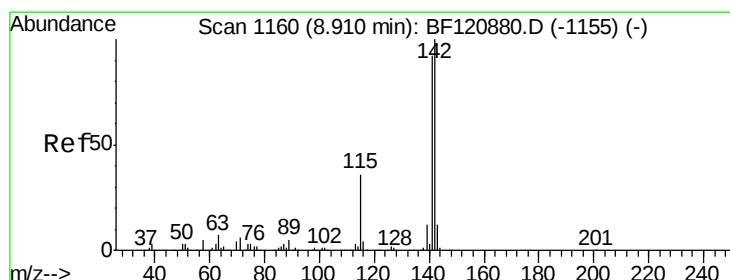
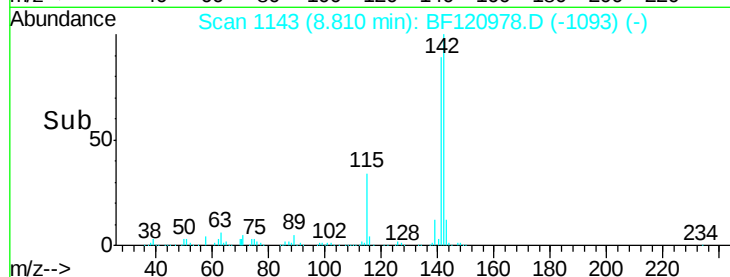
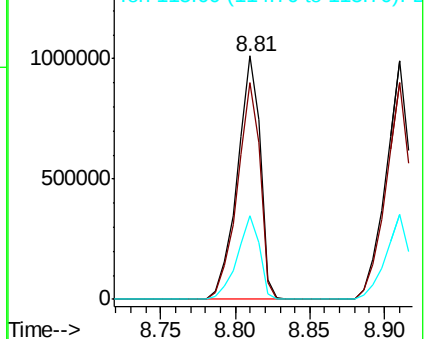
115 34.5 26.0 39.0



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: 43.569 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

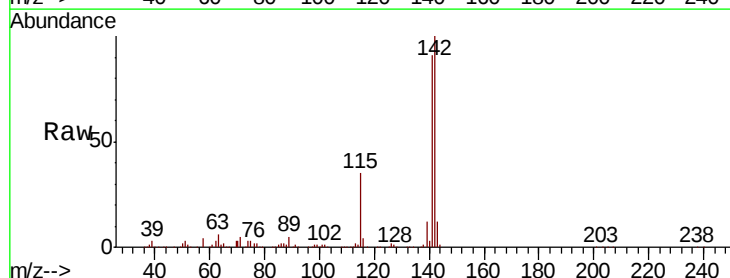
Tgt Ion:142 Resp: 1028857

Ion Ratio Lower Upper

142 100

141 91.4 73.7 110.5

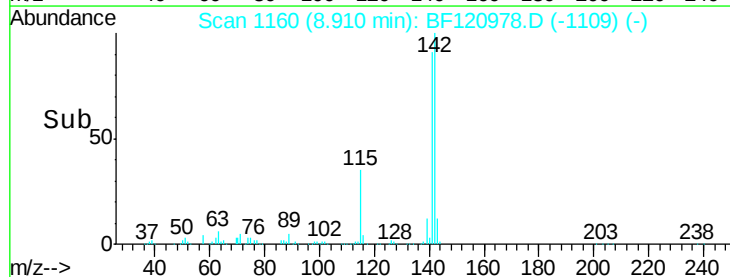
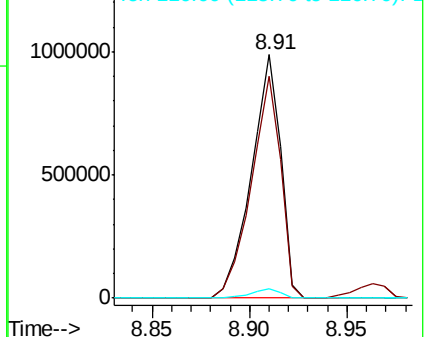
116 3.8 3.0 4.6

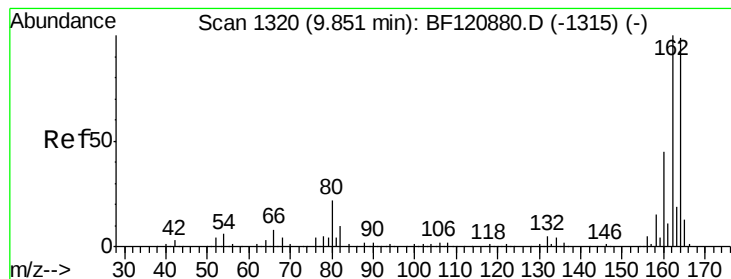


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampled :

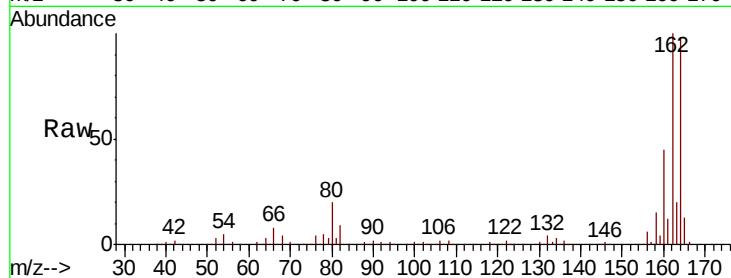
Tot Ion:164 Resp: 392346

Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

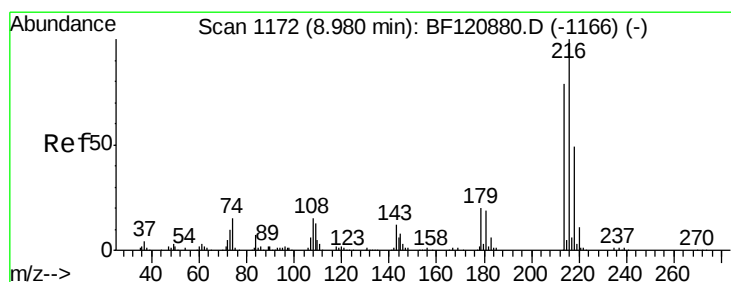
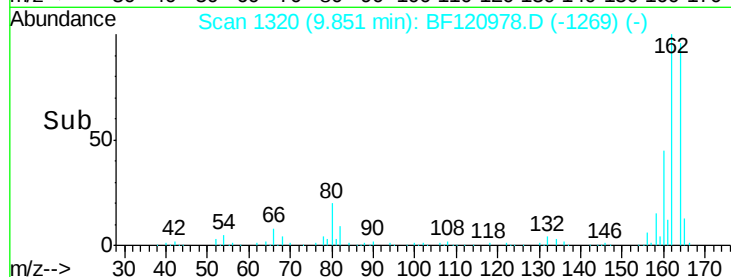
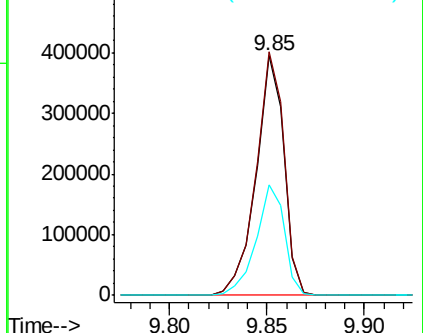
160 46.1 36.9 55.3



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: 40.732 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Tgt Ion:216 Resp: 465622

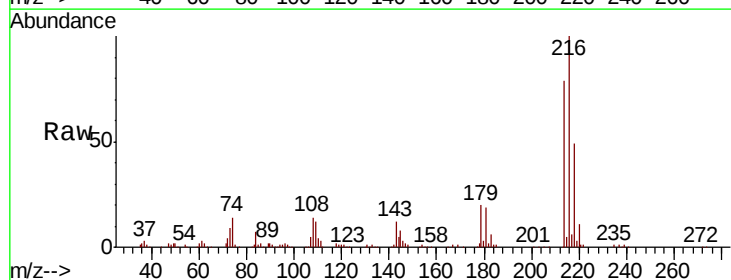
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 20.6 16.6 24.8

108 20.5 15.4 23.0

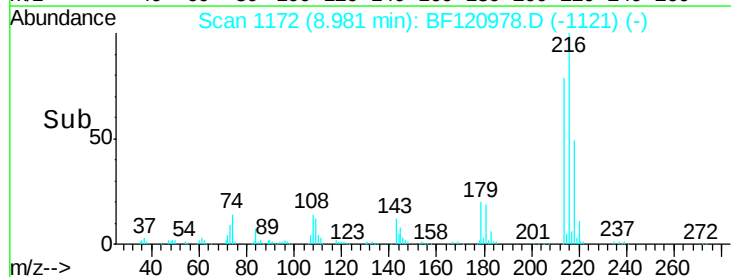
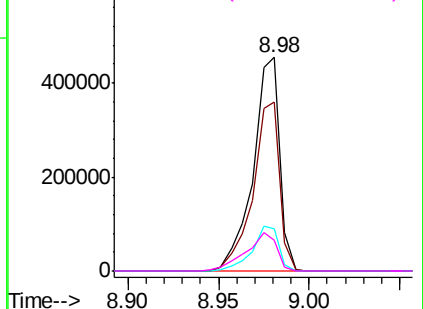


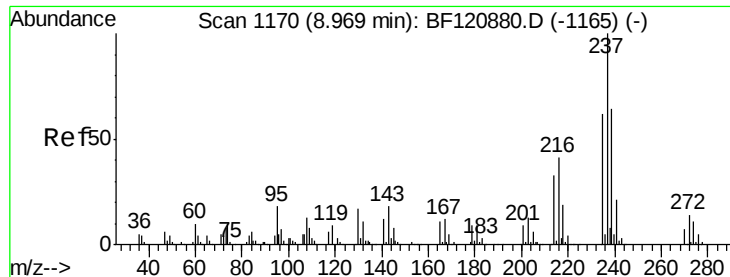
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.613 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

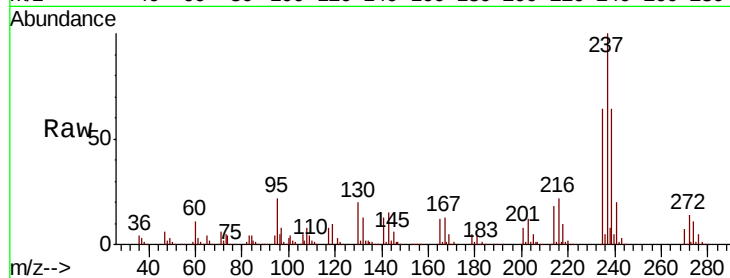
Tot Ion:237 Resp: 521935

Ion Ratio Lower Upper

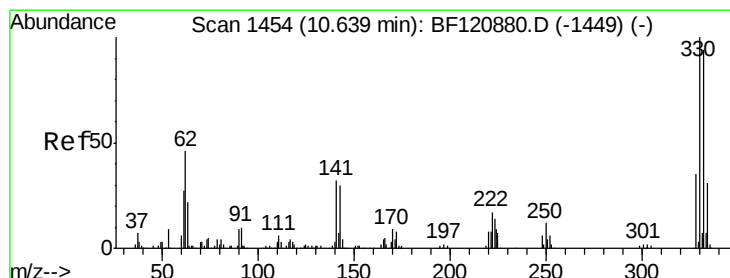
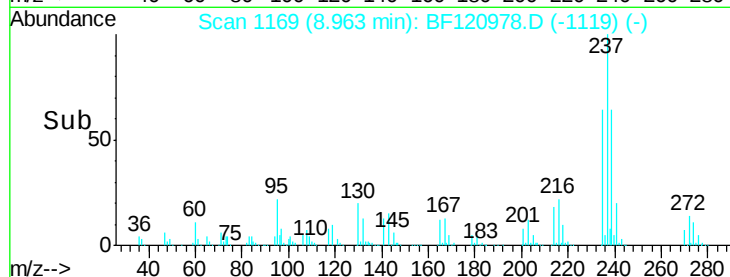
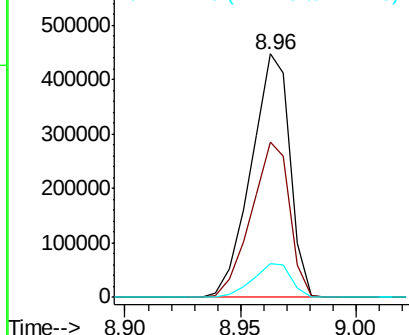
237 100

235 63.9 41.6 81.6

272 13.7 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: 122.278 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

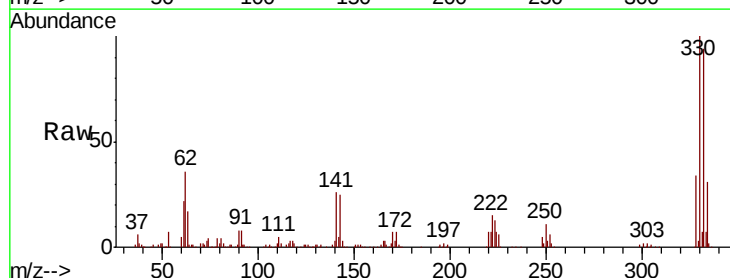
Tgt Ion:330 Resp: 525138

Ion Ratio Lower Upper

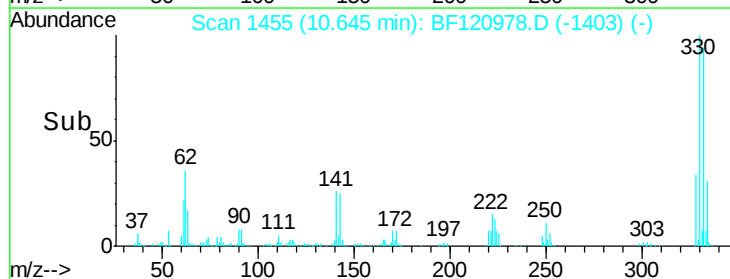
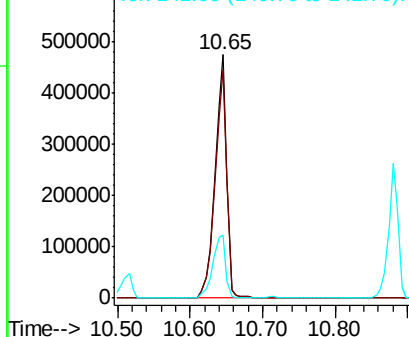
330 100

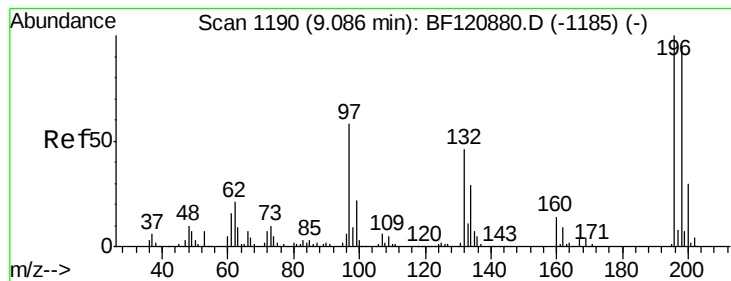
332 95.0 75.5 113.3

141 28.8 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: 44.664 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampled :

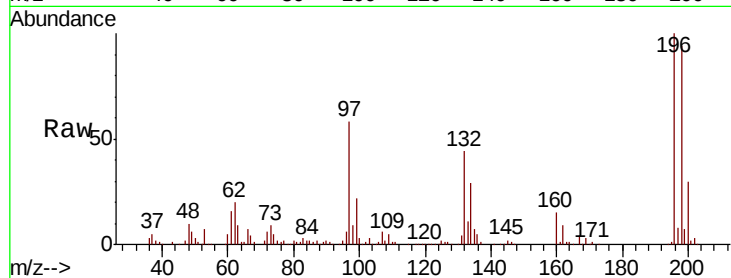
Tot Ion:196 Resp: 359488

Ion Ratio Lower Upper

196 100

198 94.0 75.7 113.5

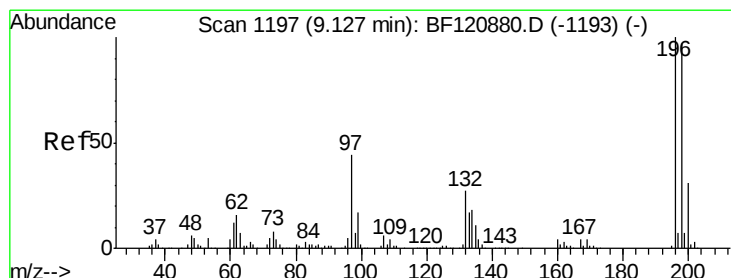
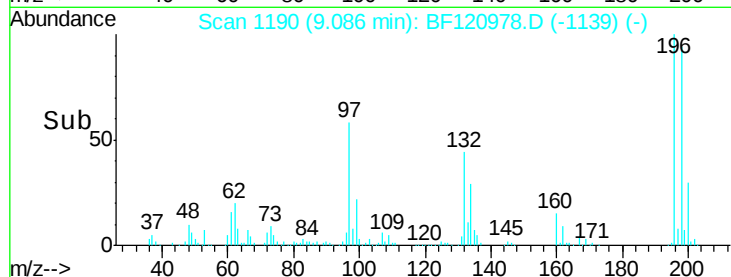
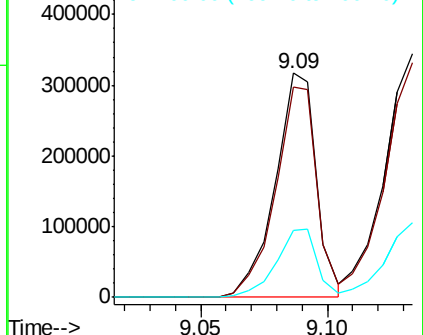
200 29.8 24.4 36.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 42.049 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Tgt Ion:196 Resp: 383901

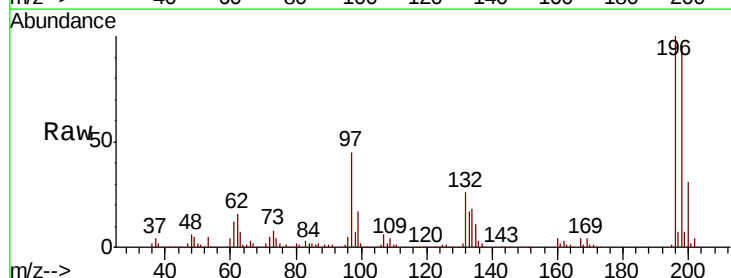
Ion Ratio Lower Upper

196 100

198 96.3 77.6 116.4

97 44.9 35.6 53.4

132 26.5 21.5 32.3

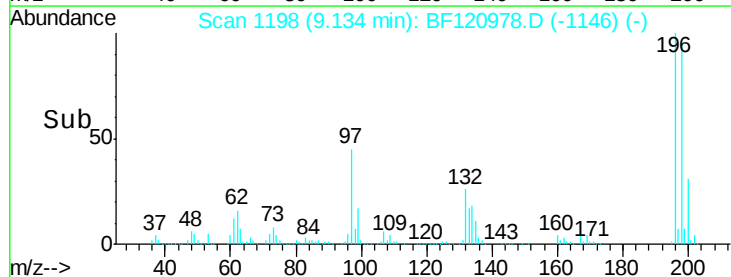
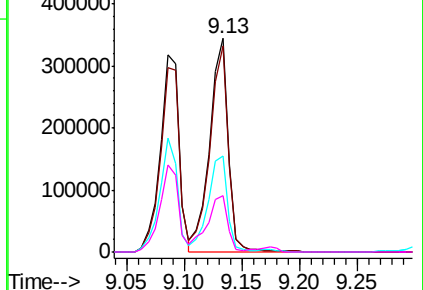


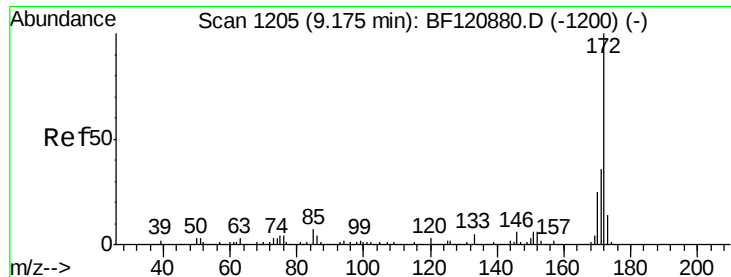
Abundance Ion 196.00 (195.70 to 196.70): E

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

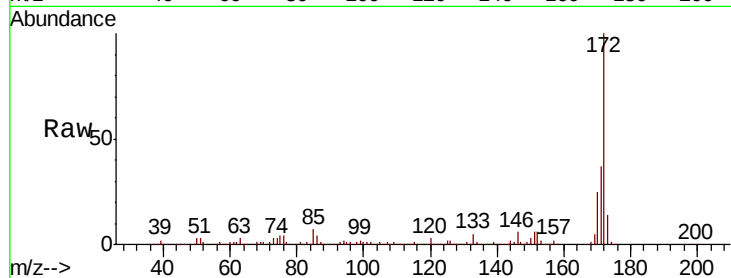




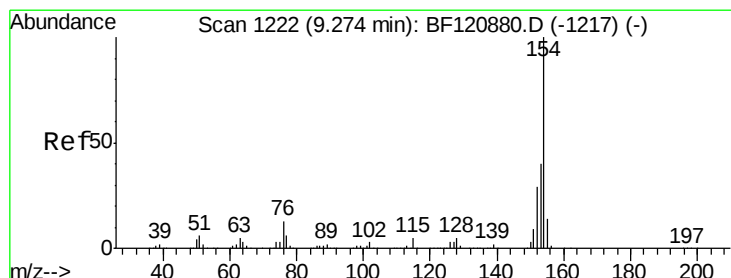
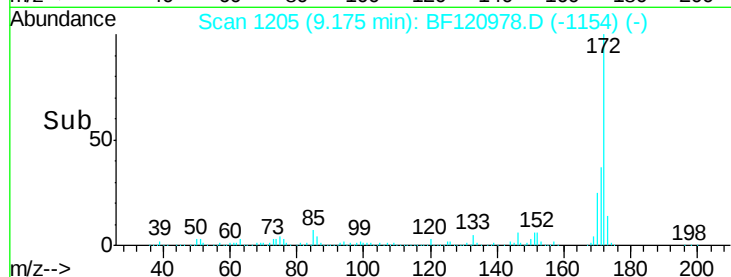
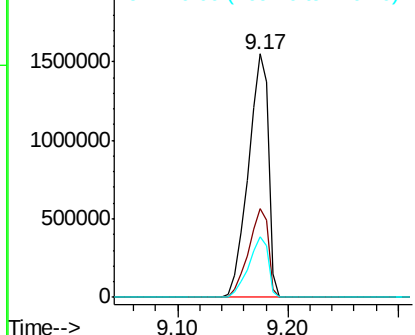
#45
2-Fluorobiphenyl
Concen: 75.432 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1982227
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.8 19.6 29.4

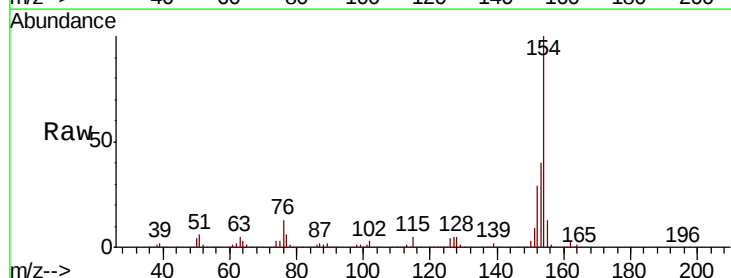


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

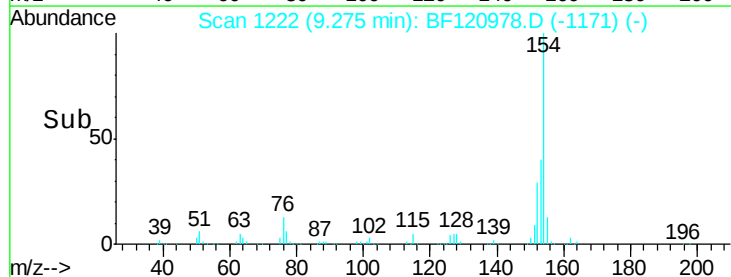
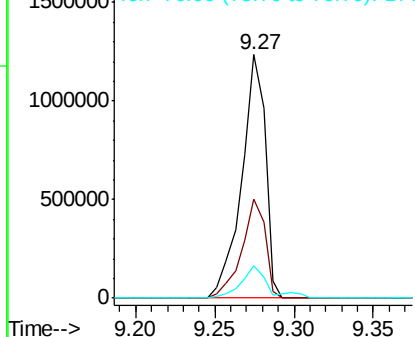


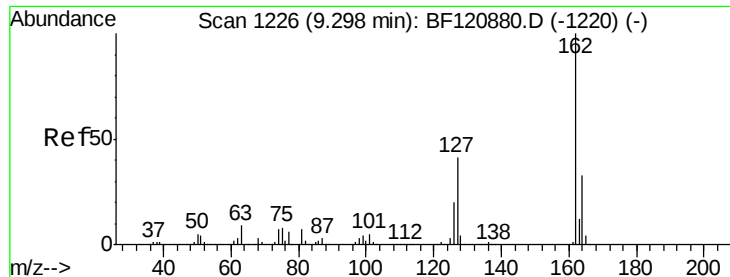
#46
1,1'-Biphenyl
Concen: 42.603 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:154 Resp: 1275022
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 13.2 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

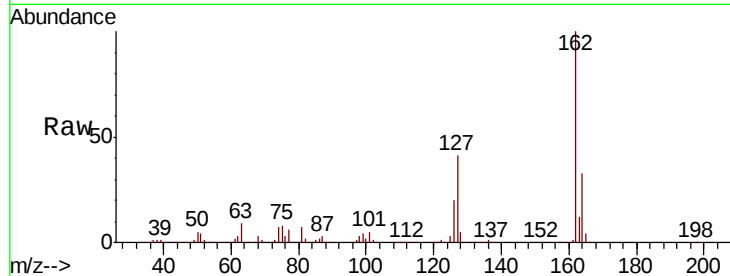




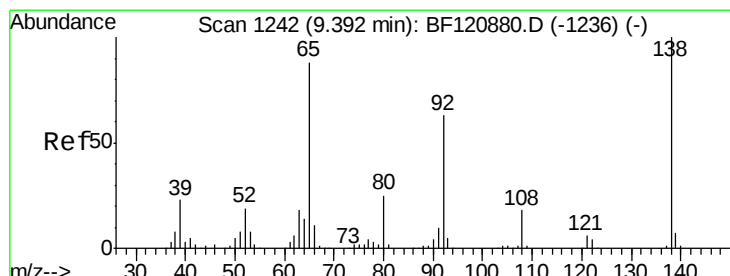
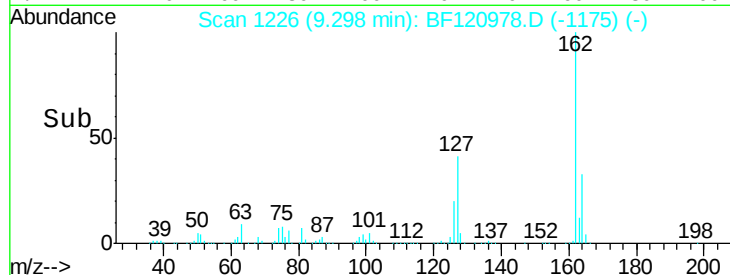
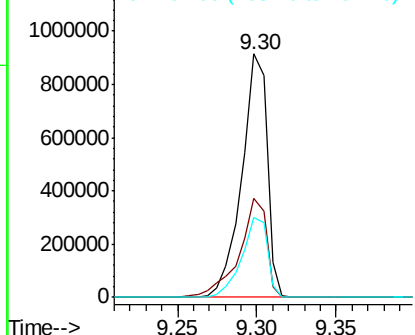
#47
 2-Chloronaphthalene
 Concen: 41.378 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1009640
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.3 49.9
 164 32.7 26.6 39.8

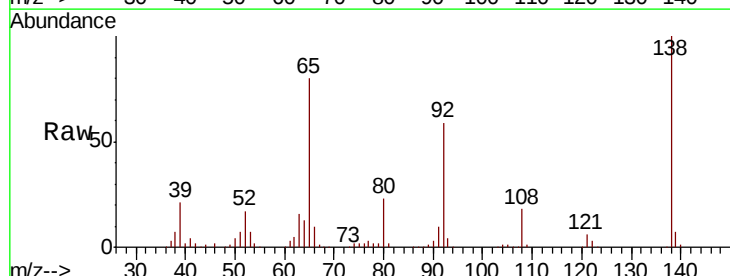


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

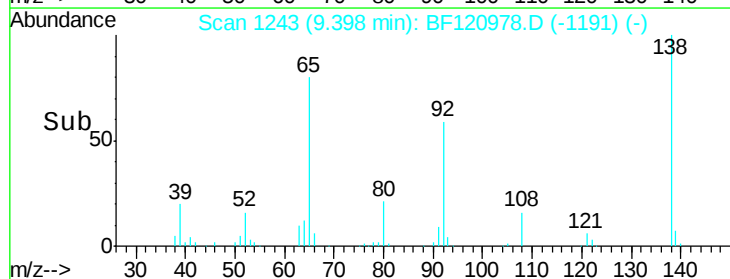
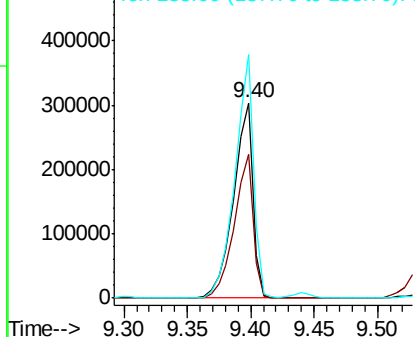


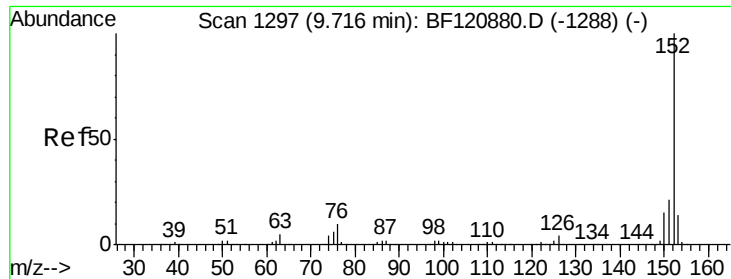
#48
 2-Nitroaniline
 Concen: 43.305 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion: 65 Resp: 319330
 Ion Ratio Lower Upper
 65 100
 92 73.8 57.0 85.4
 138 124.5 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: 41.683 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

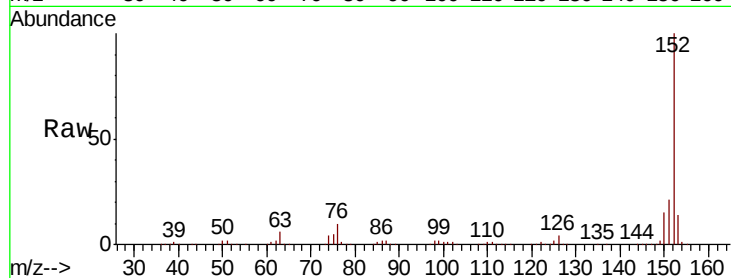
Tot Ion:152 Resp: 1580065

Ion Ratio Lower Upper

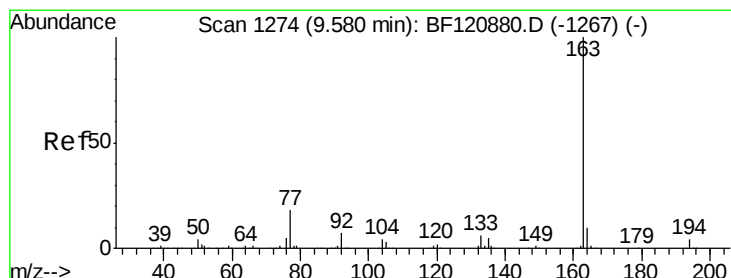
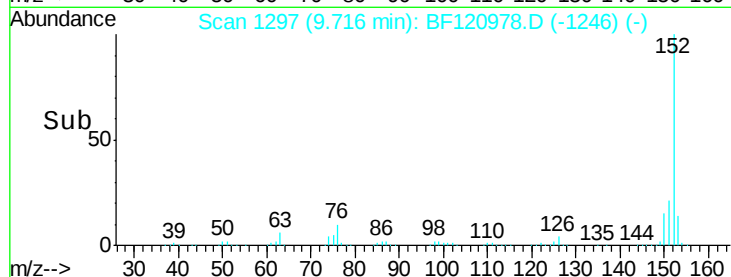
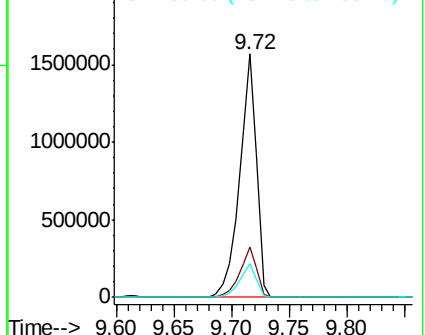
152 100

151 20.9 16.6 25.0

153 13.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.101 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

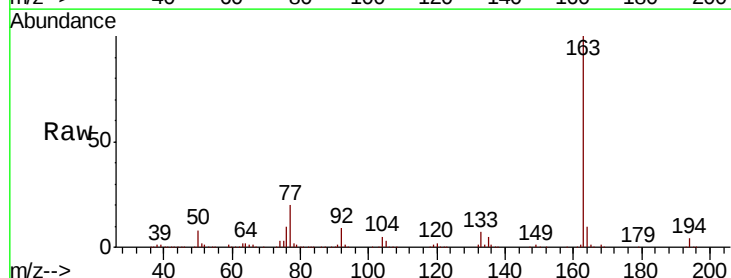
Tgt Ion:163 Resp: 1219991

Ion Ratio Lower Upper

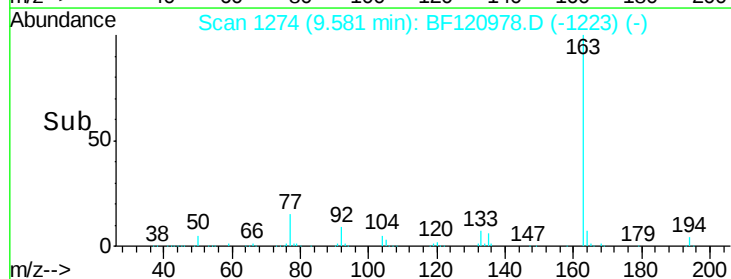
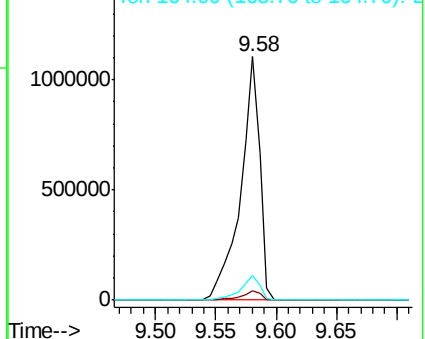
163 100

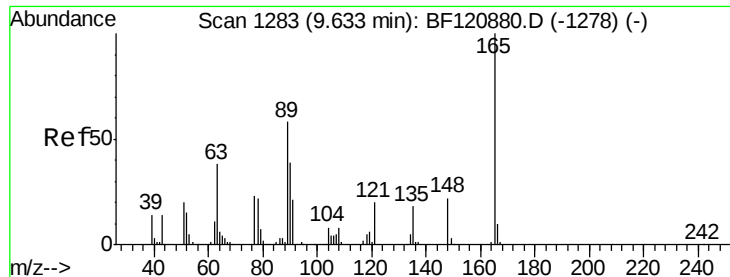
194 3.8 3.2 4.8

164 10.4 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

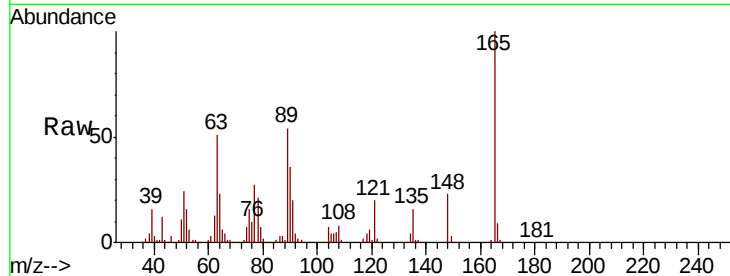




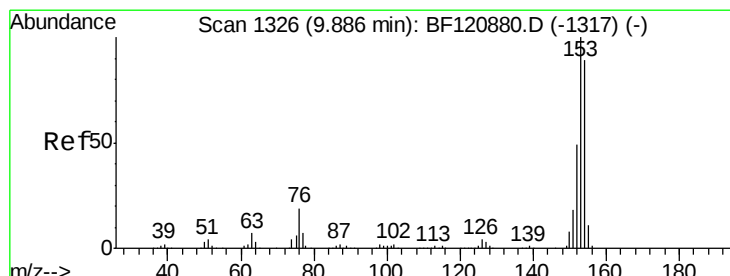
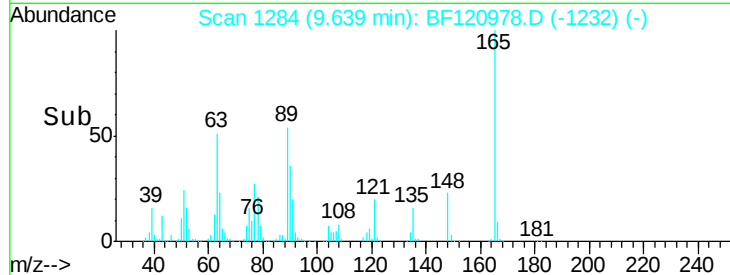
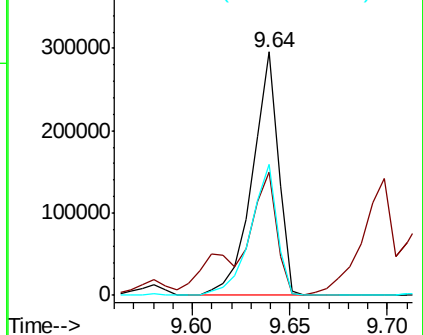
#51
 2,6-Dinitrotoluene
 Concen: 45.153 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.6	45.4	68.2
89	53.9	47.0	70.4

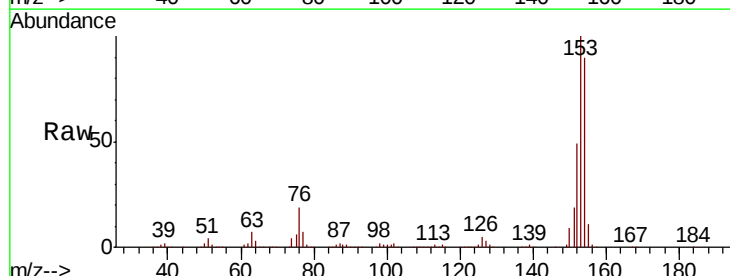


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

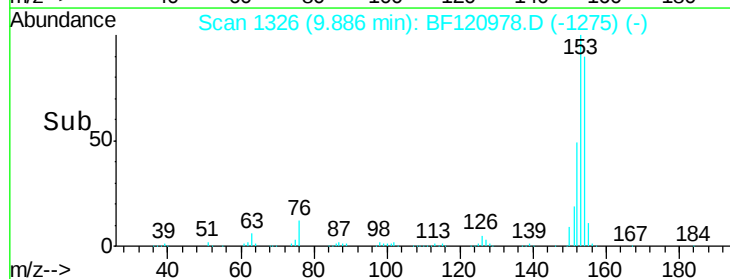
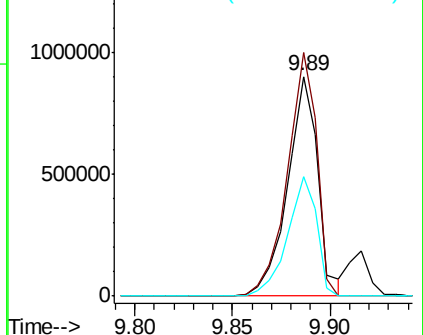


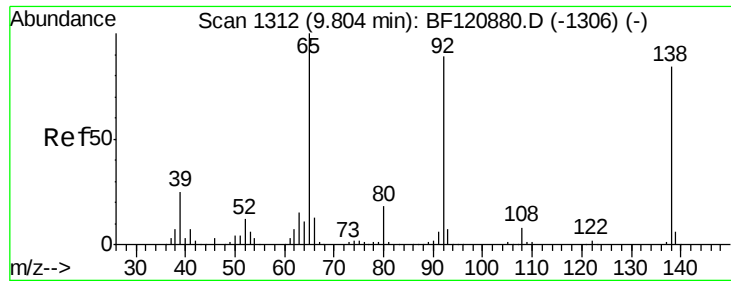
#52
 Acenaphthene
 Concen: 40.236 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.5	134.3
152	54.5	44.2	66.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

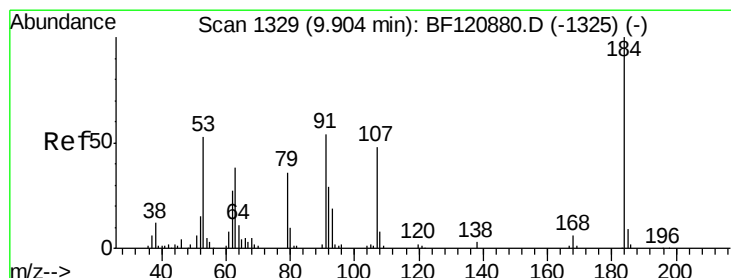
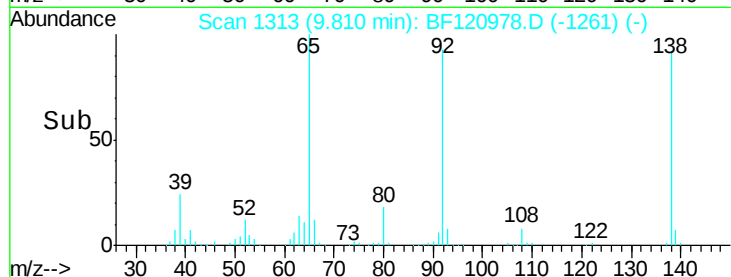
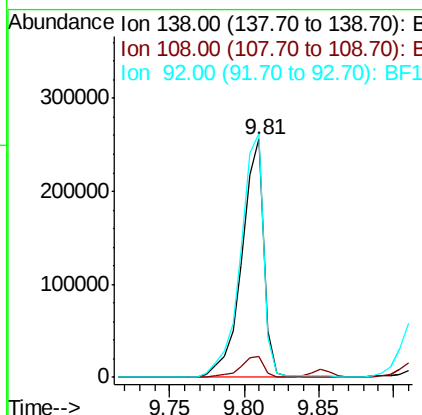
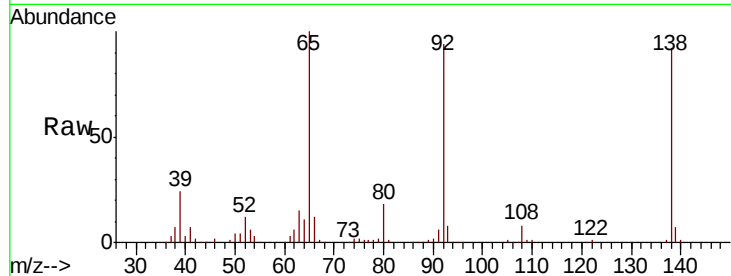




#53
3-Nitroaniline
Concen: 34.352 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

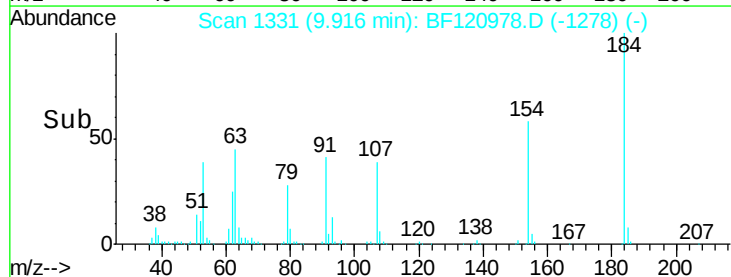
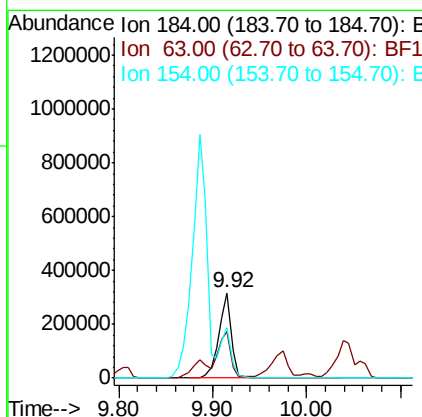
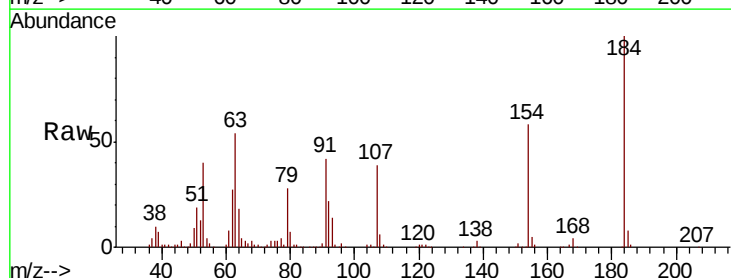
Instrument :
BNA_F
ClientSampleId :

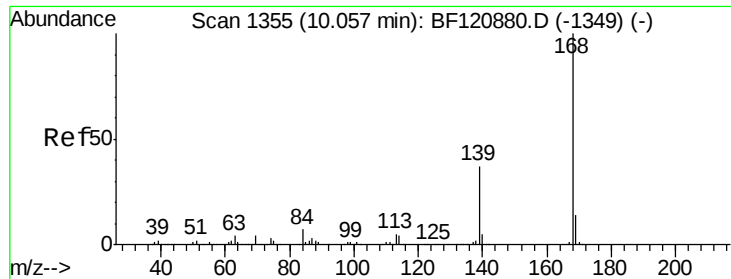
Tot Ion:138 Resp: 262000
Ion Ratio Lower Upper
138 100
108 8.9 7.9 11.9
92 102.3 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 85.256 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:184 Resp: 300142
Ion Ratio Lower Upper
184 100
63 54.1 57.9 86.9#
154 58.3 52.6 78.8

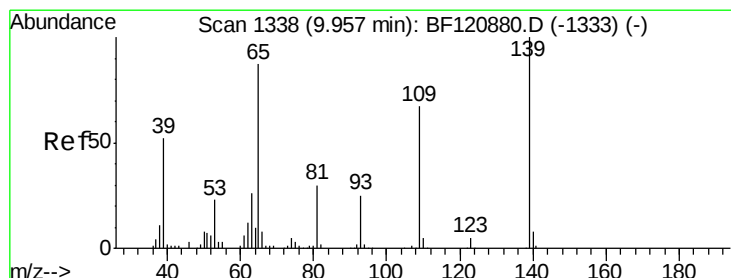
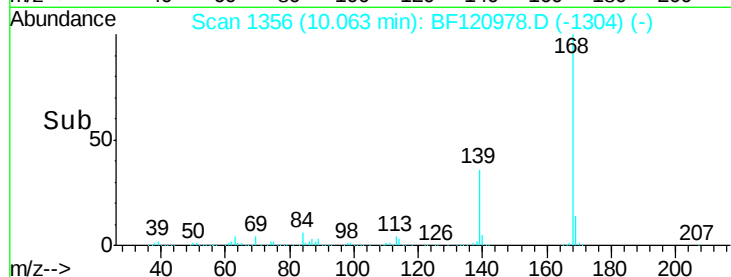
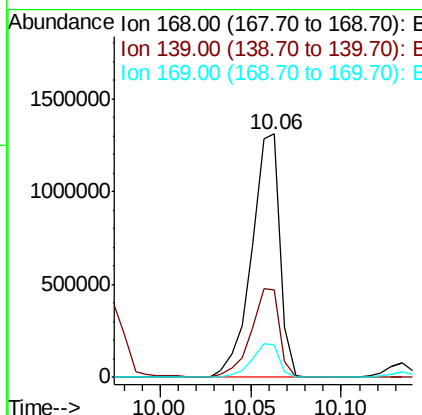
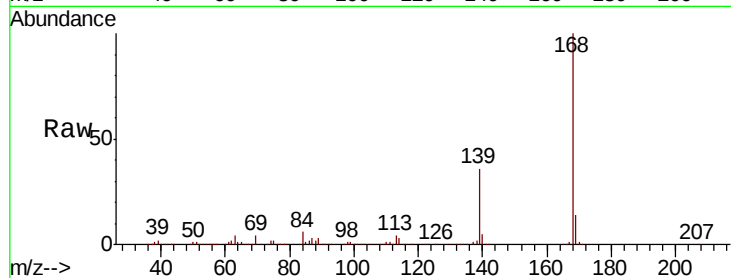




#55
Dibenzofuran
Concen: 40.834 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

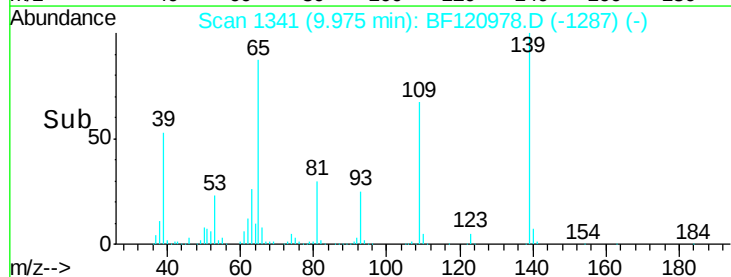
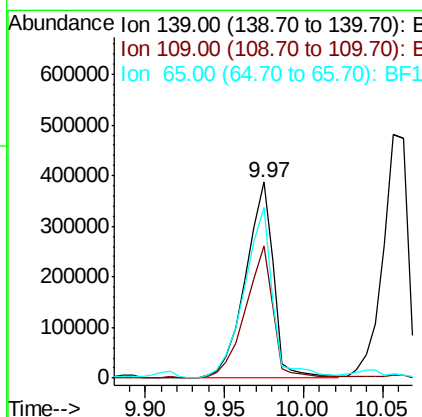
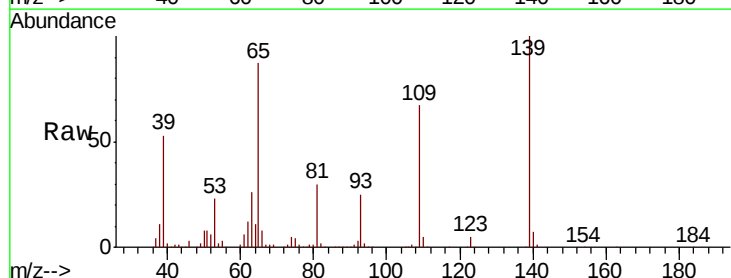
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1423099
Ion Ratio Lower Upper
168 100
139 36.1 29.7 44.5
169 13.5 11.1 16.7



#56
4-Nitrophenol
Concen: 82.133 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:139 Resp: 475839
Ion Ratio Lower Upper
139 100
109 67.5 47.3 87.3
65 87.0 67.2 107.2

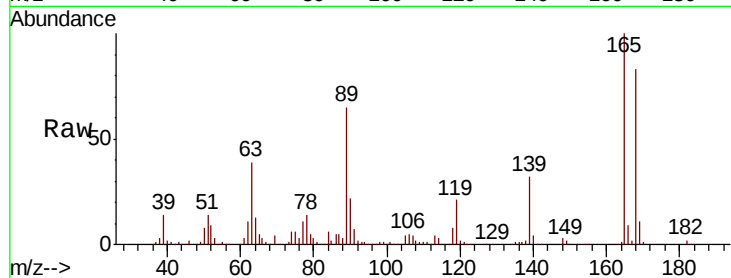




#57
2,4-Dinitrotoluene
Concen: 45.508 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.9	29.4	44.2
89	64.8	53.4	80.0
182	2.4	1.8	2.6



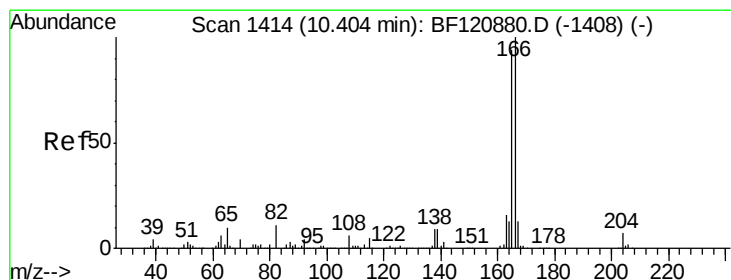
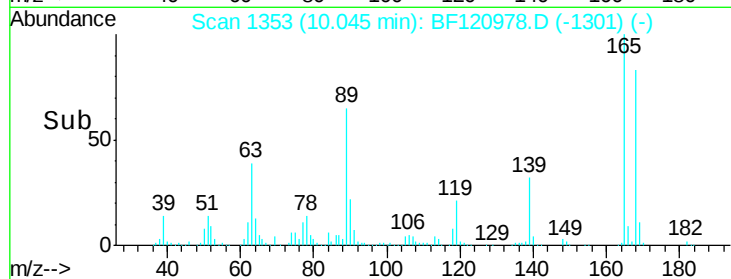
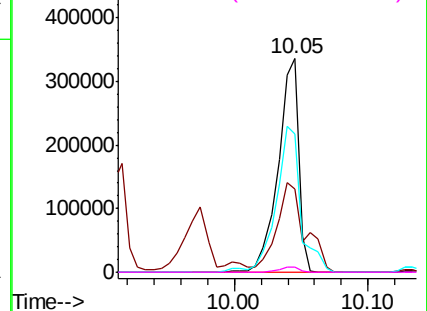
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

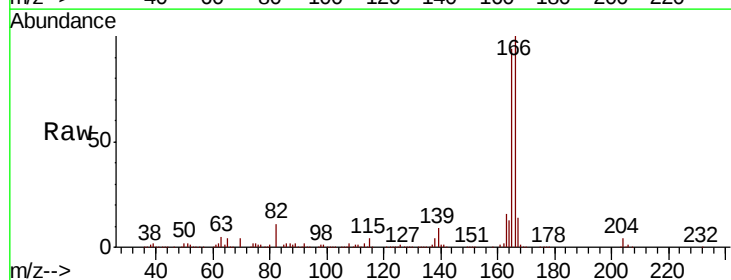
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.708 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.8	75.4	113.0
167	13.6	10.6	15.8

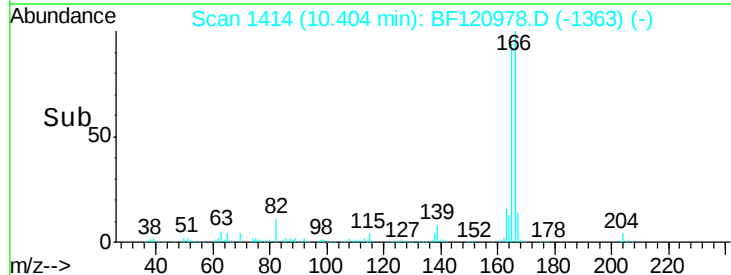
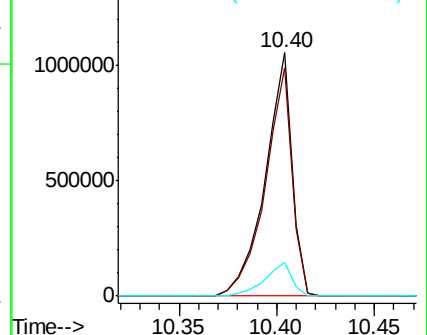


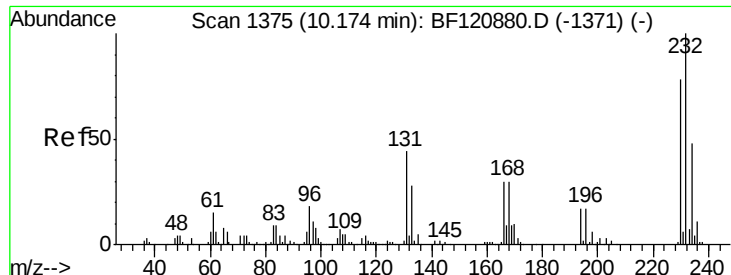
Abundance

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

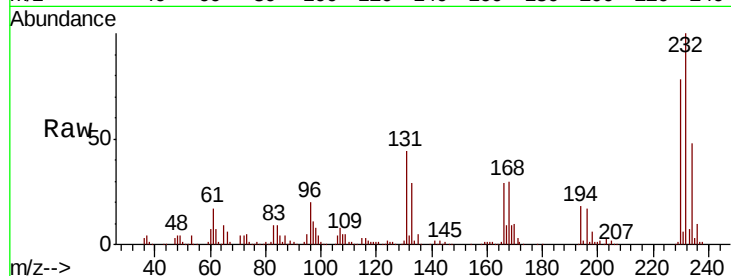




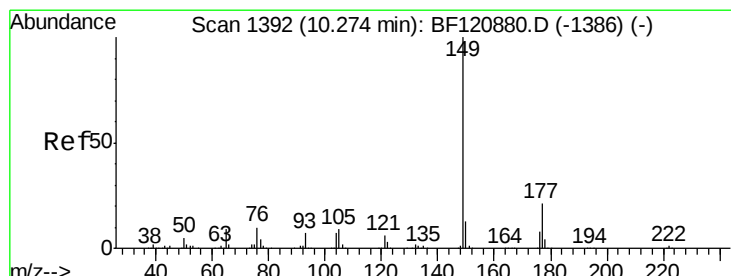
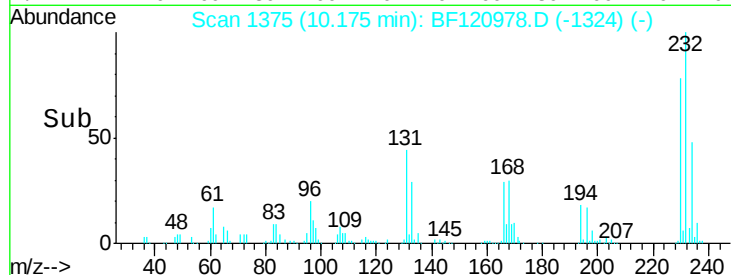
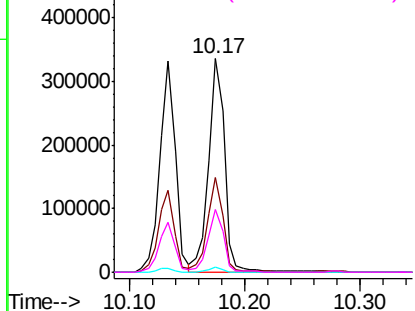
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.738 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	324887
Ion	Ratio	Lower	Upper
232	100		
131	43.9	37.1	55.7
130	2.1	1.7	2.5
166	28.8	24.2	36.4

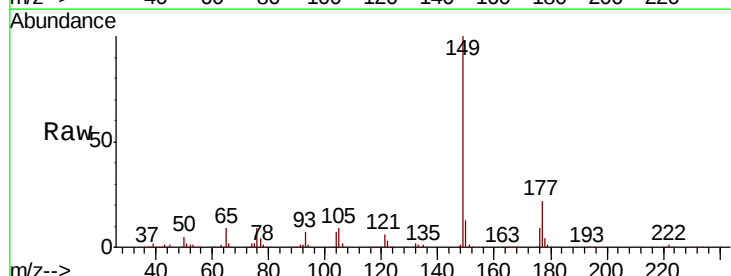


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

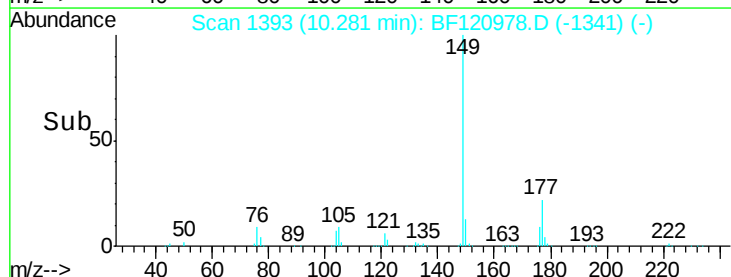
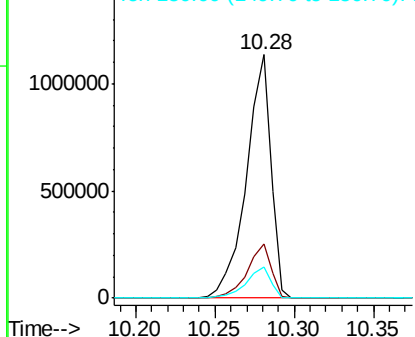


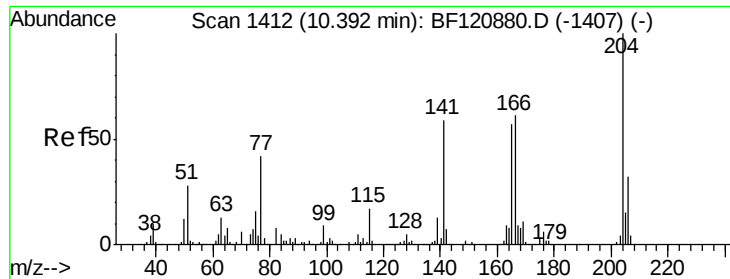
#60
 Diethylphthalate
 Concen: 42.490 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion:	149	Resp:	1216494
Ion	Ratio	Lower	Upper
149	100		
177	22.4	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

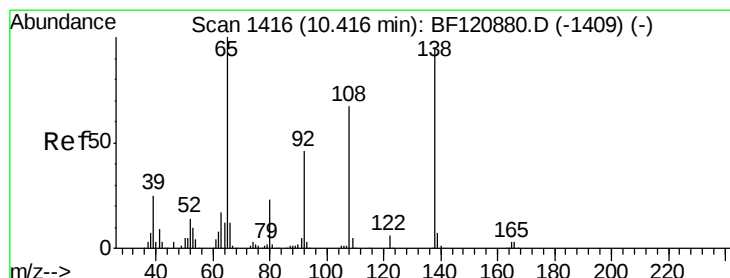
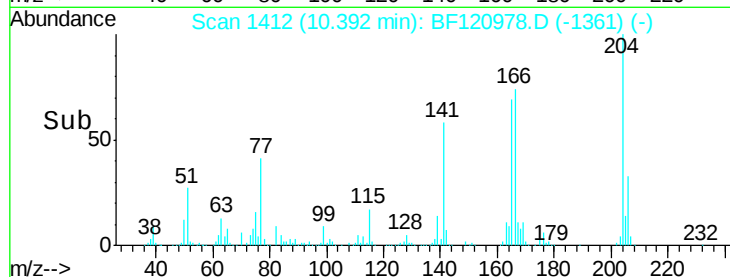
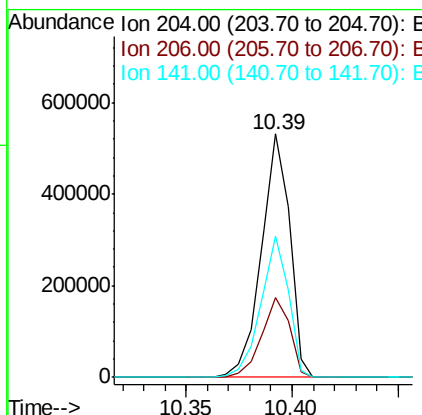
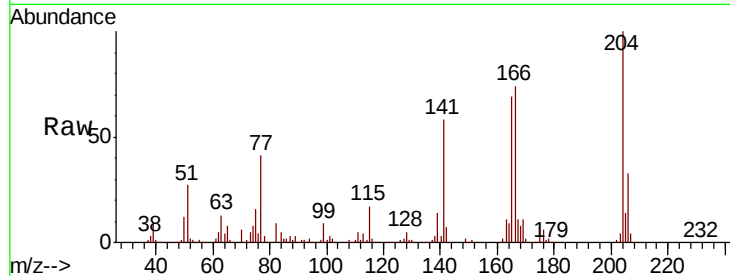




#61
4-Chlorophenyl-phenylether
Concen: 35.782 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

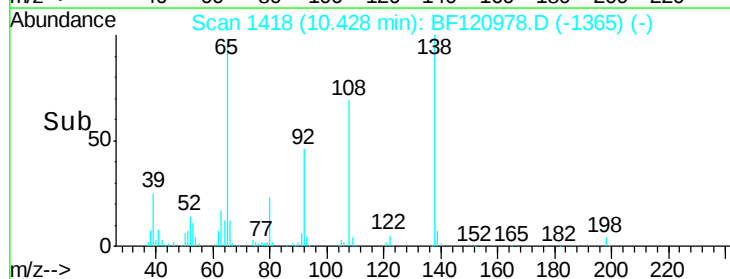
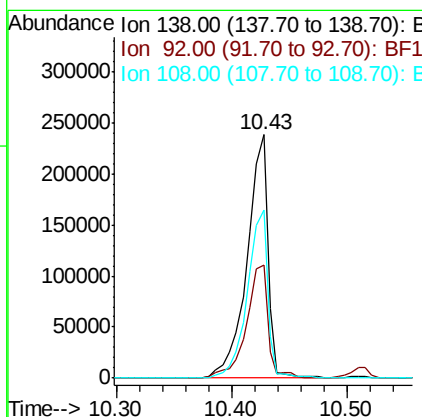
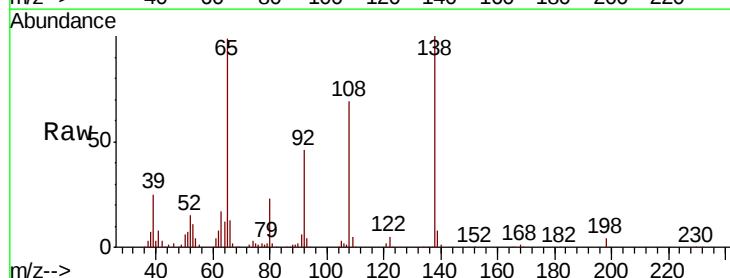
Instrument :
BNA_F
ClientSampleId :

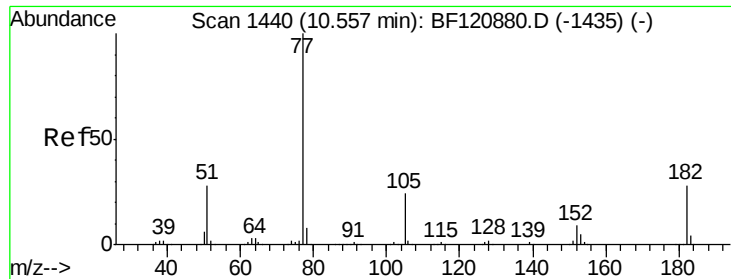
Tot Ion:204 Resp: 496079
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 58.1 47.2 70.8



#62
4-Nitroaniline
Concen: 40.449 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:138 Resp: 300510
Ion Ratio Lower Upper
138 100
92 46.3 28.6 68.6
108 69.1 51.1 91.1





#63

Azobenzene

Concen: 41.635 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

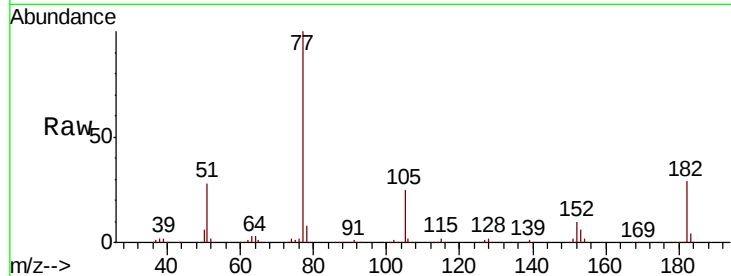
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1134826

Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.8	47.8
105	24.5	4.4	44.4
51	27.6	8.0	48.0

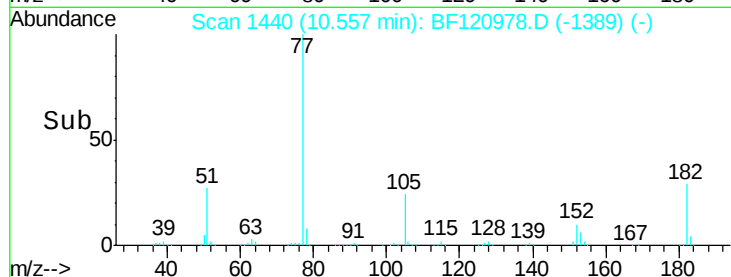


Abundance Ion 77.00 (76.70 to 77.70): BF1

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-->

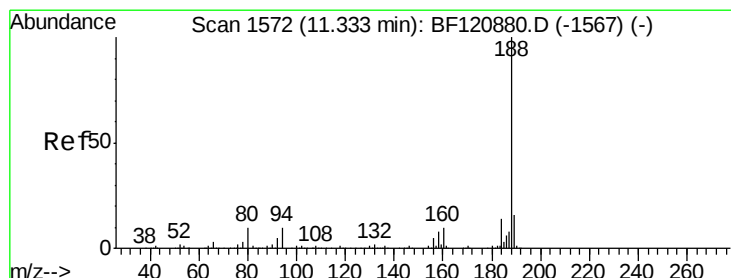
10.56

1000000

500000

0

10.50 10.55 10.60



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

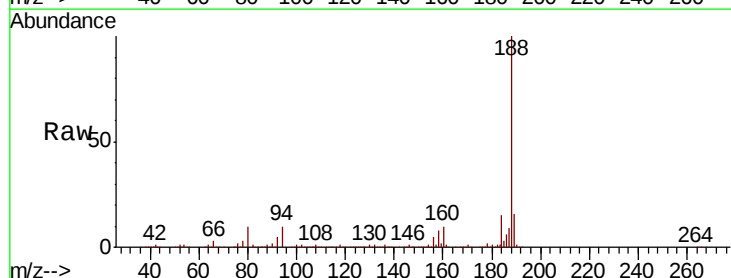
Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Tgt Ion: 188 Resp: 737227

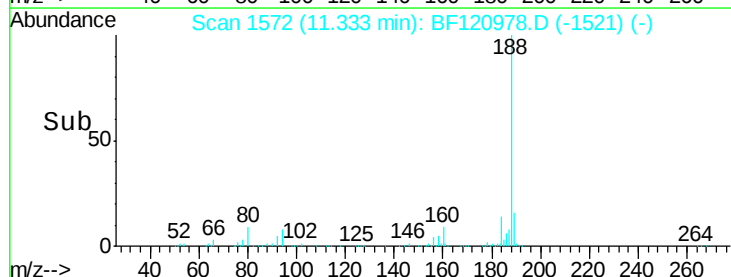
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.0	12.0
80	9.7	8.3	12.5



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

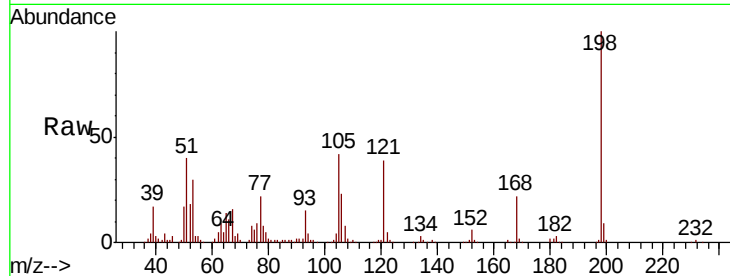
11.30 11.35



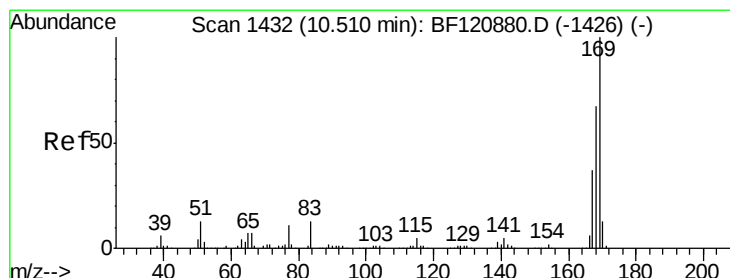
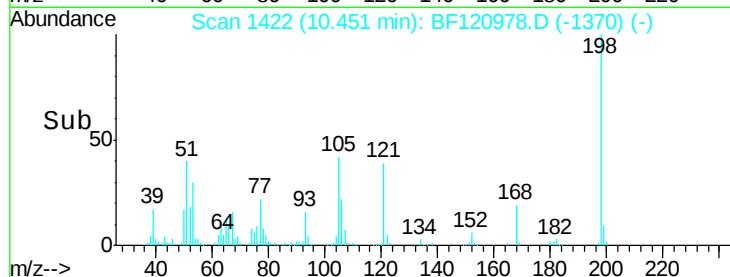
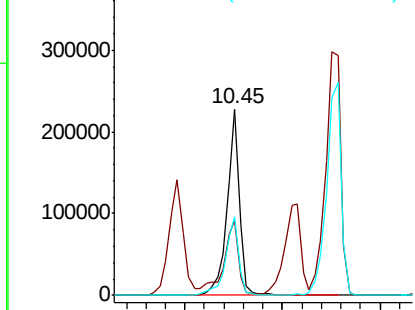
#65
4,6-Dinitro-2-methylphenol
Concen: 47.016 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 200240
Ion Ratio Lower Upper
198 100
51 40.0 19.5 59.5
105 42.1 24.4 64.4

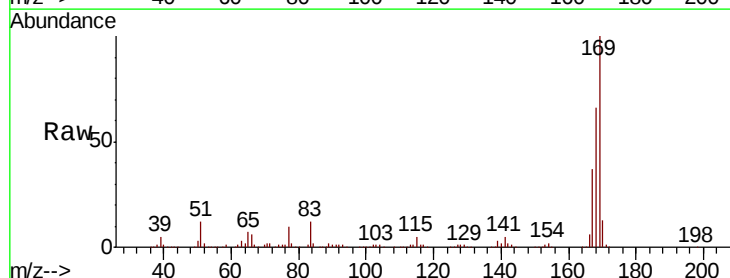


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

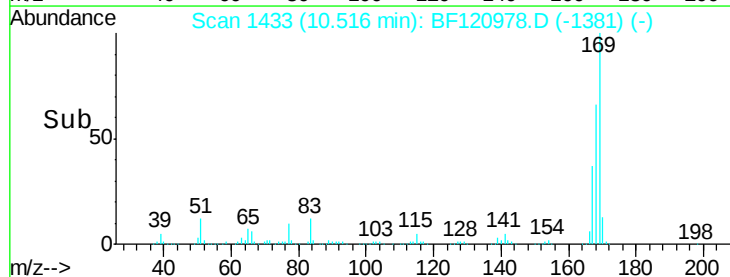
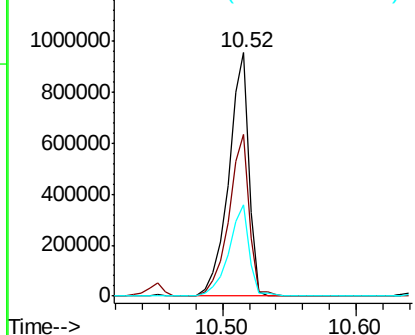


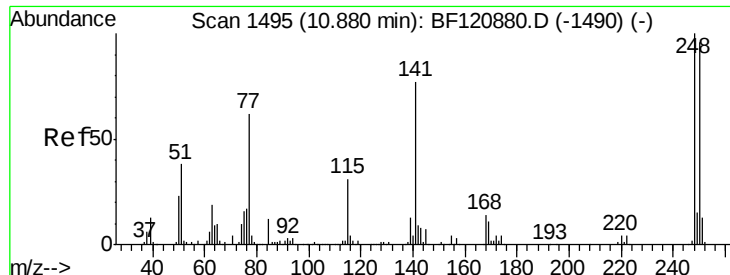
#66
n-Nitrosodiphenylamine
Concen: 43.817 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:169 Resp: 1016182
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 37.4 29.4 44.0



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

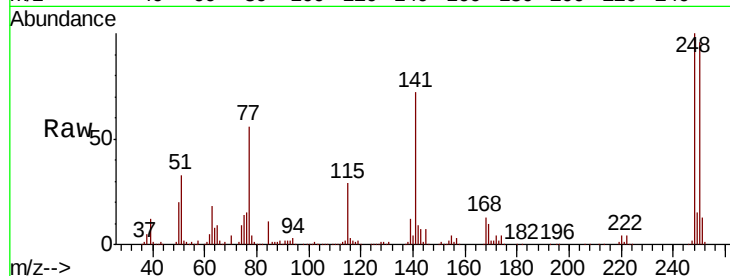




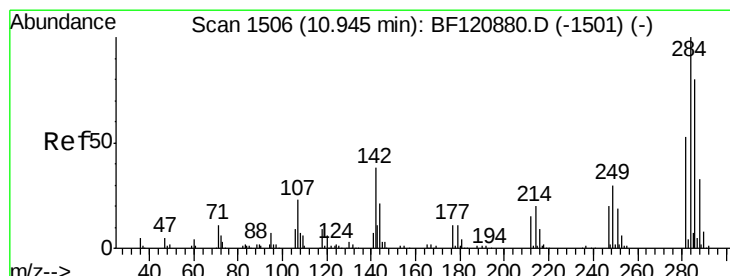
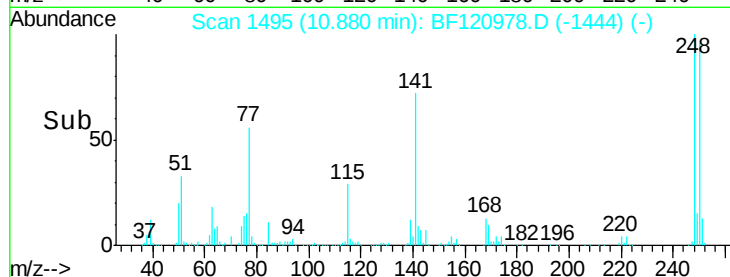
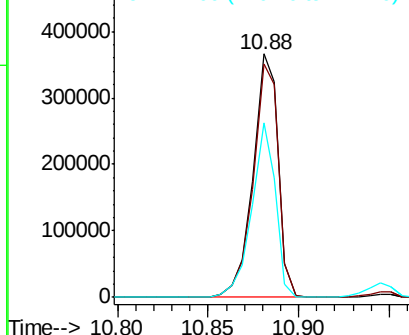
#67
 4-Bromophenyl-phenylether
 Concen: 42.807 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.1	115.7
141	71.8	61.2	91.8

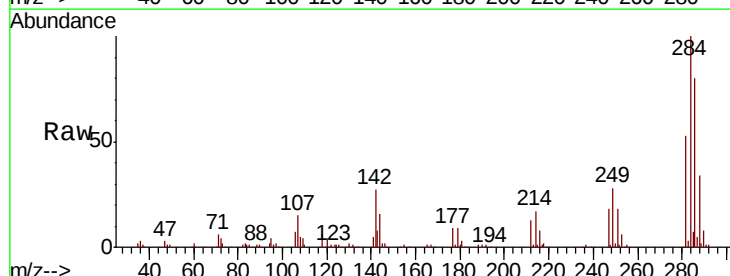


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

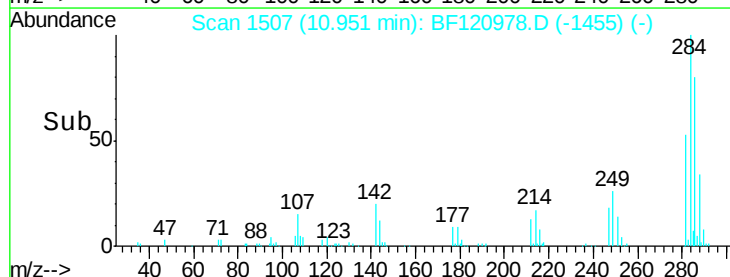
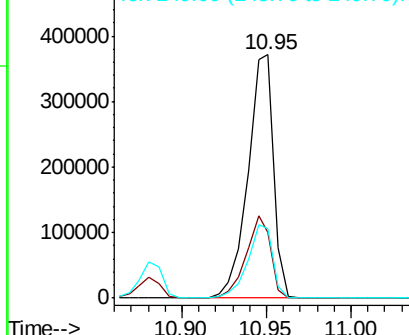


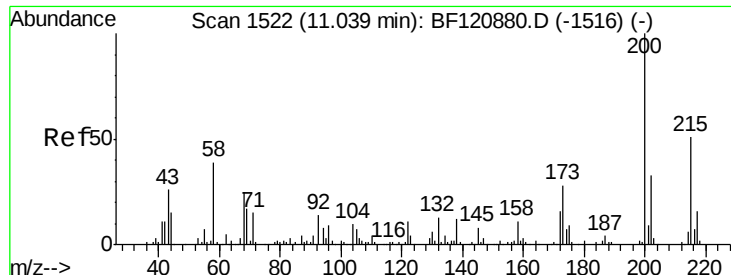
#68
 Hexachlorobenzene
 Concen: 44.289 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	30.2	45.2#
249	28.5	24.2	36.2



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

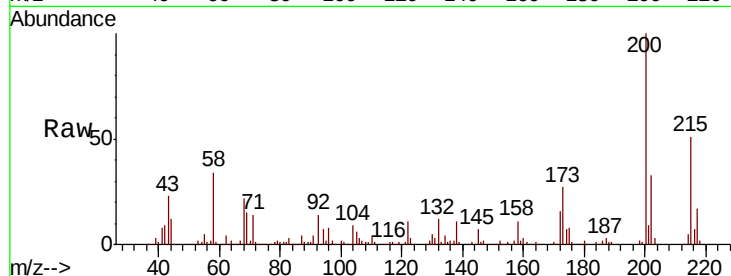




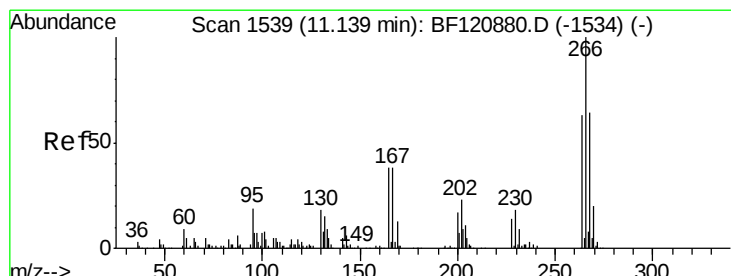
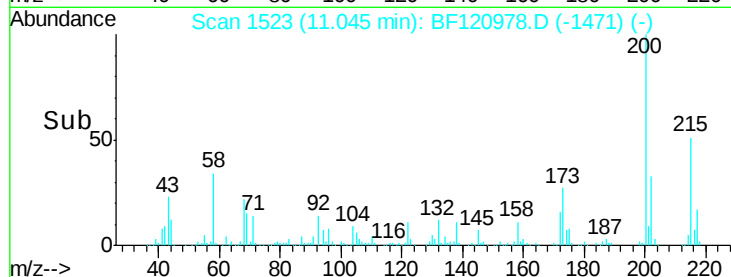
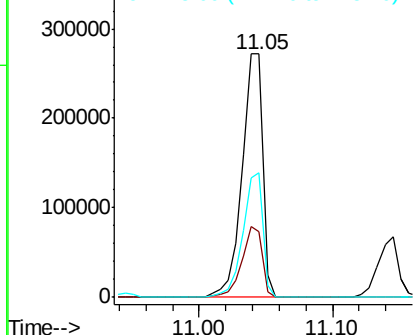
#69
Atrazine
Concen: 50.734 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.0	48.0
215	50.9	31.5	71.5

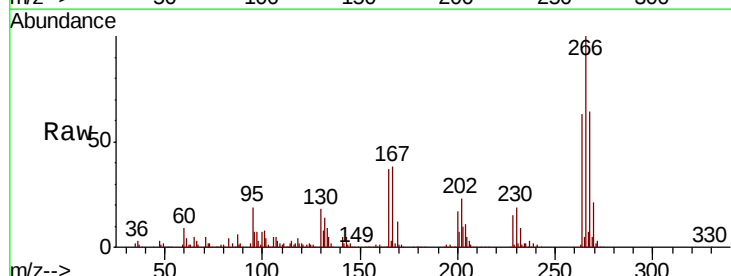


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

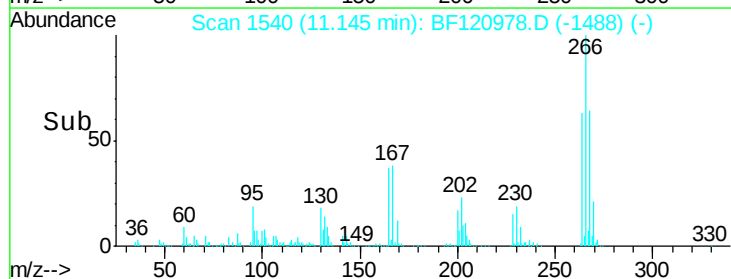
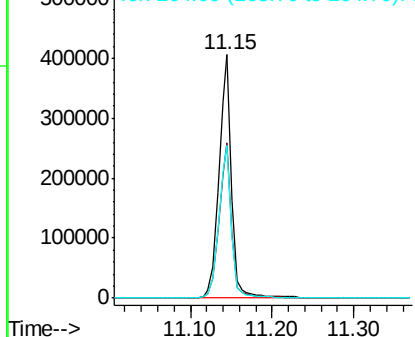


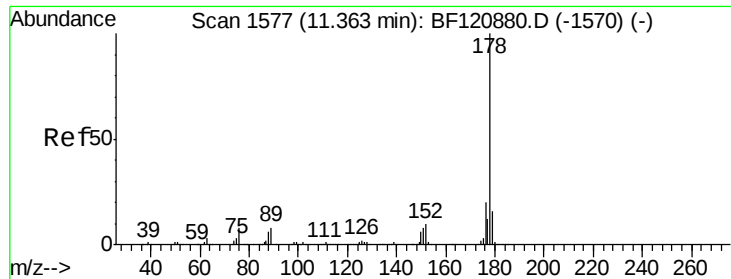
#70
Pentachlorophenol
Concen: 85.970 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	62.7	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

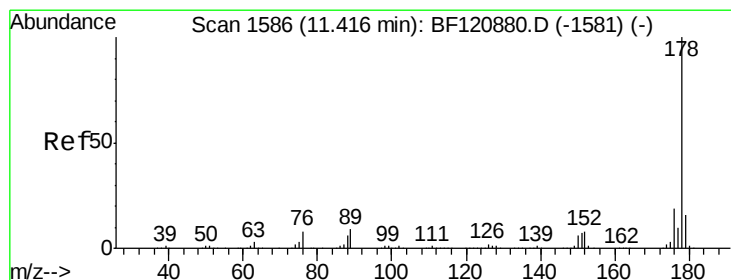
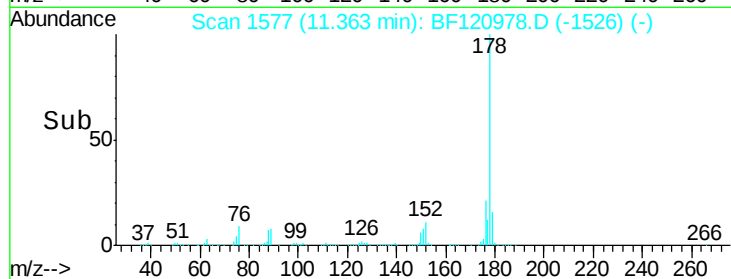
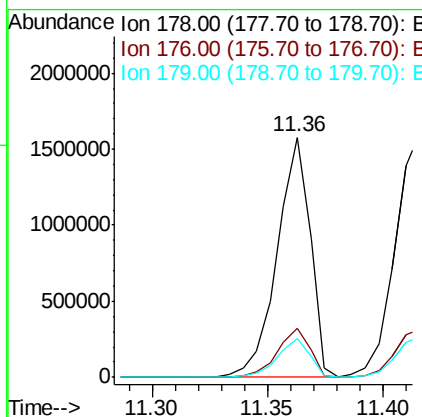
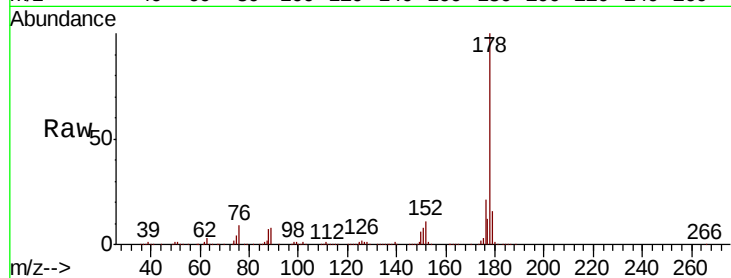




#71
Phenanthrene
Concen: 41.245 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

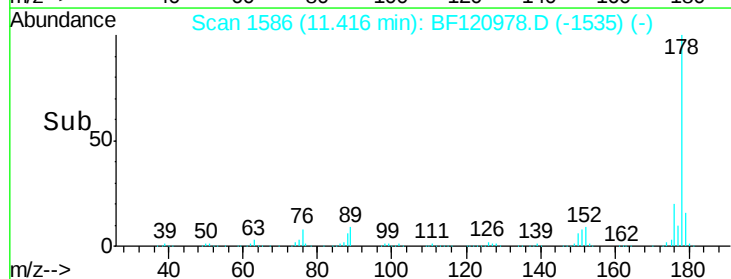
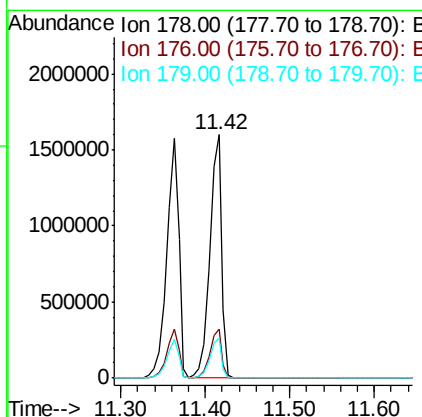
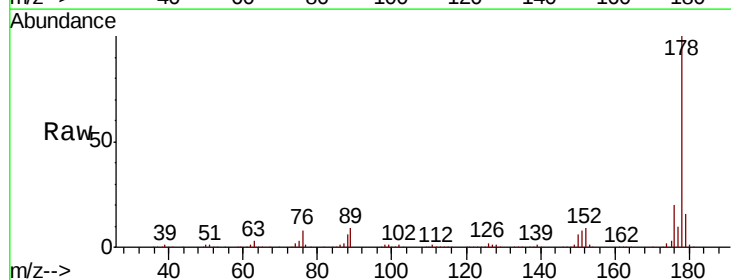
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1563838
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 15.9 12.8 19.2



#72
Anthracene
Concen: 41.857 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:178 Resp: 1593608
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 16.2 12.8 19.2

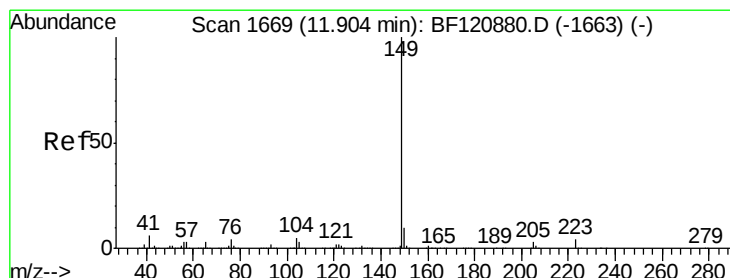
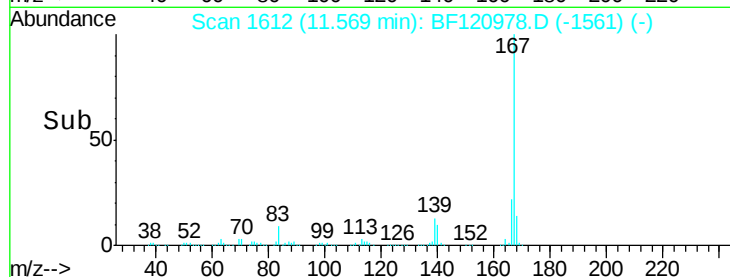
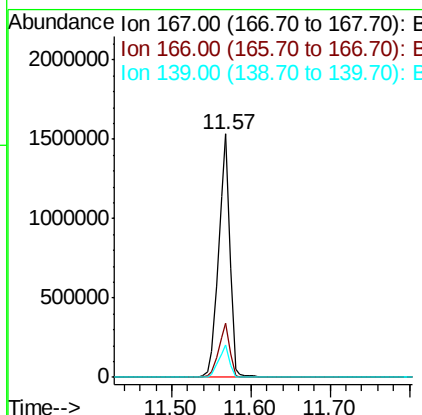
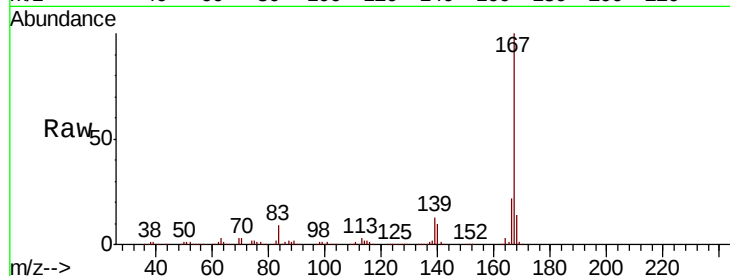




#73
 Carbazole
 Concen: 40.063 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

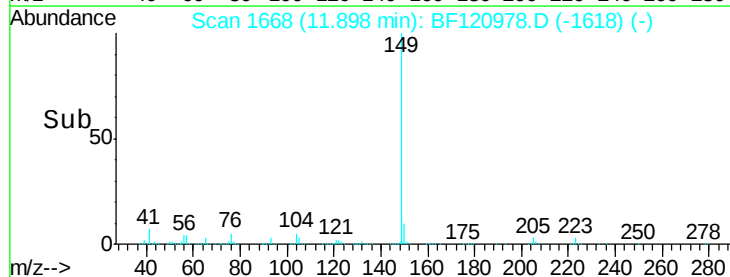
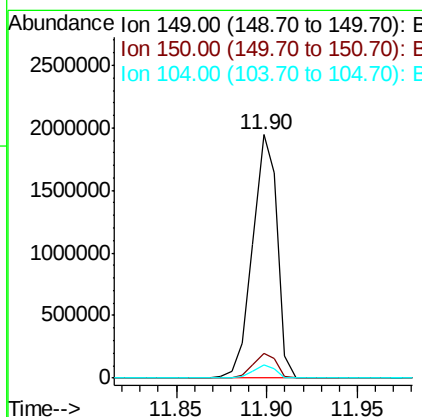
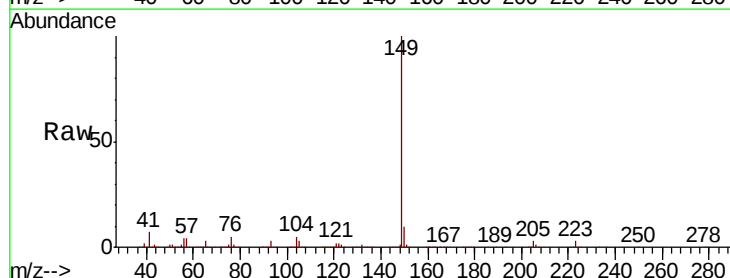
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1513733
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 13.4 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 42.003 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion:149 Resp: 1831423
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.6
 104 5.2 3.8 5.6

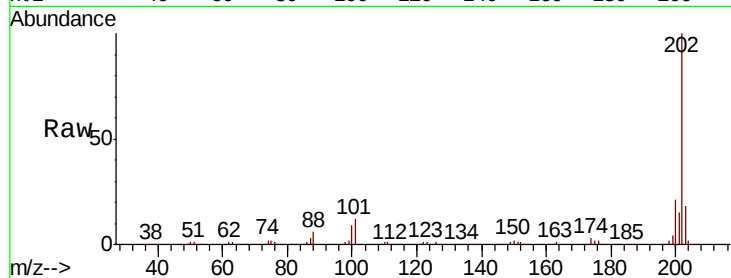




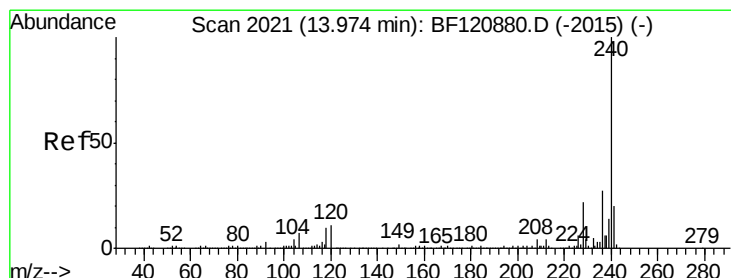
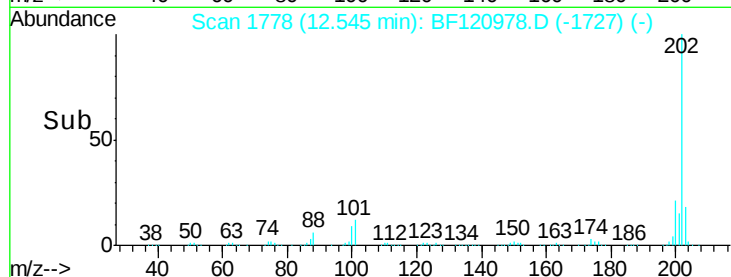
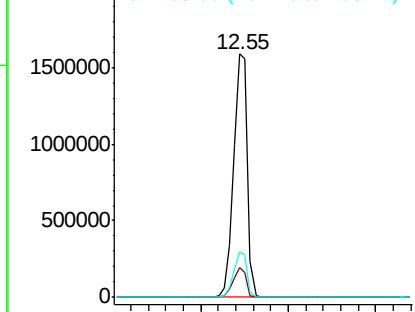
#75
 Fluoranthene
 Concen: 40.645 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1708190
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 32.7
 203 18.4 0.0 38.0

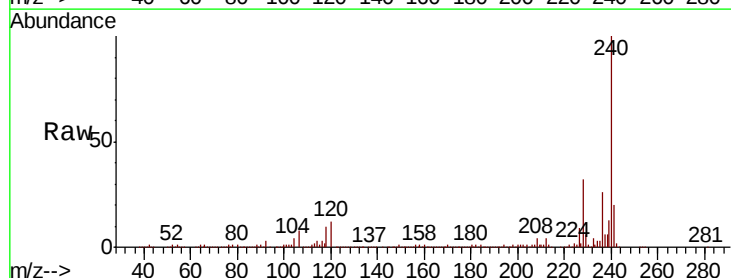


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

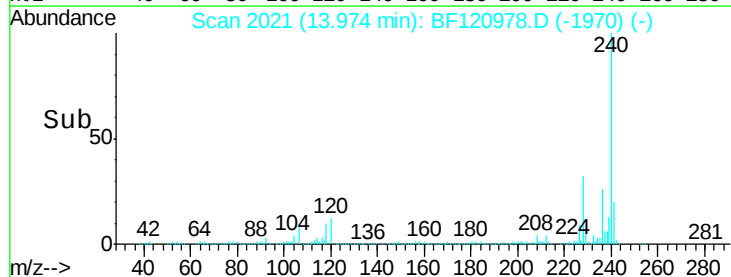
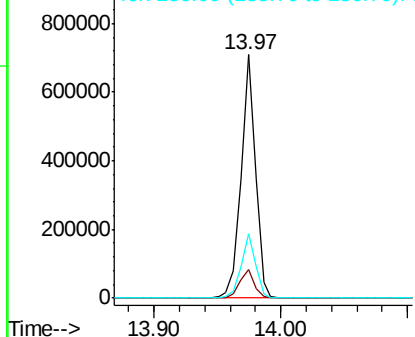


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion:240 Resp: 549670
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.0 13.4
 236 26.4 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.588 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampled :

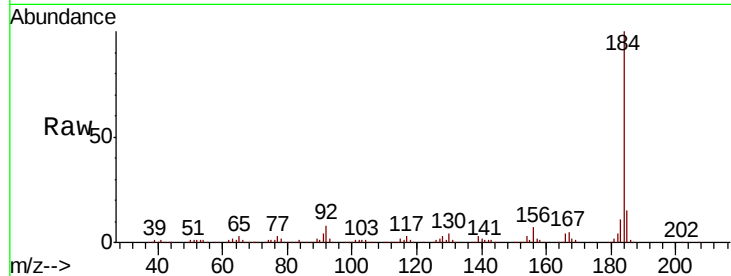
Tot Ion:184 Resp: 861155

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	10.9	8.5	12.7

184 100

185 15.4 12.2 18.2

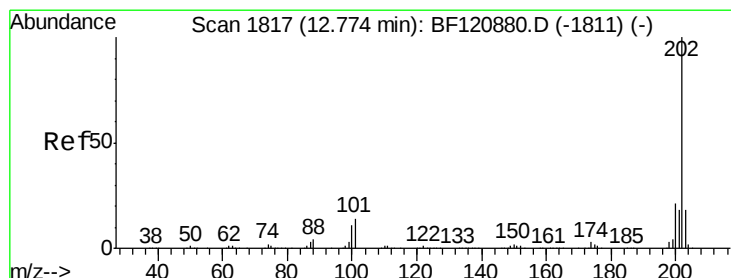
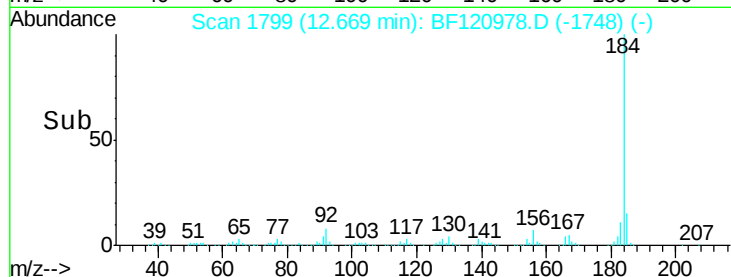
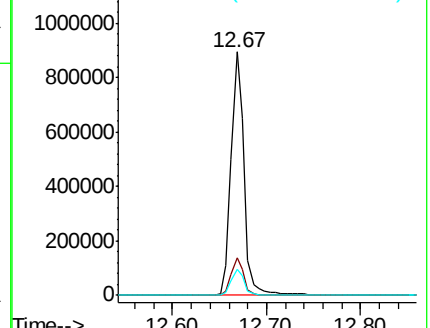
183 10.9 8.5 12.7



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: 44.460 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

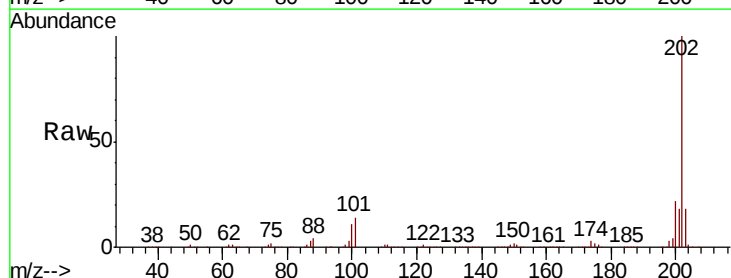
Tgt Ion:202 Resp: 1727787

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

202 100

200 21.8 17.0 25.4

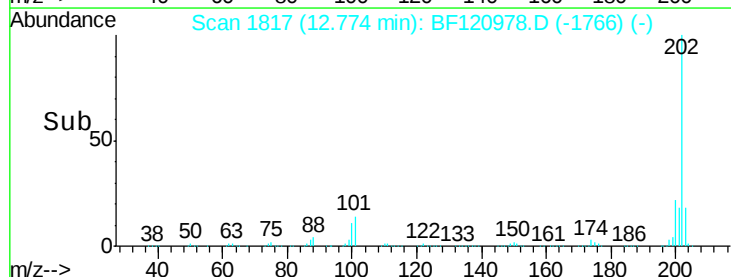
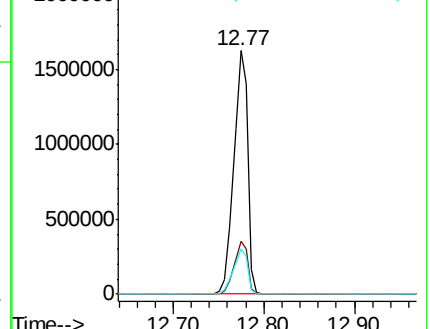
203 18.4 14.4 21.6



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: 84.071 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

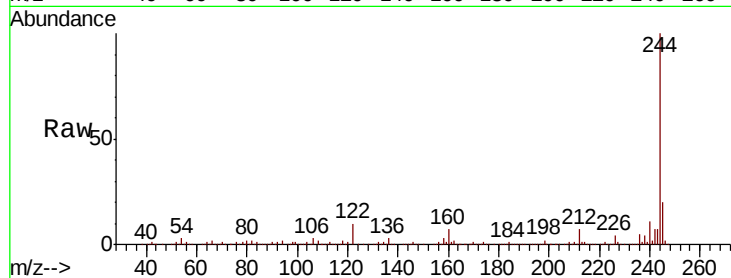
Tot Ion:244 Resp: 2125839

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

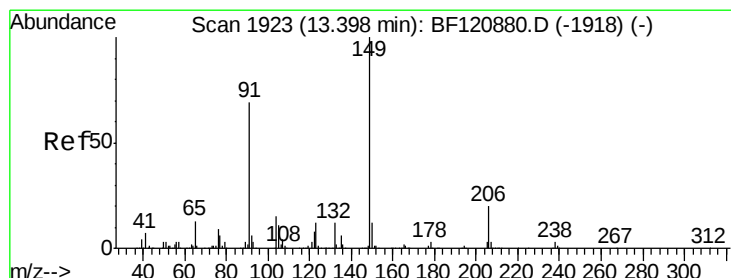
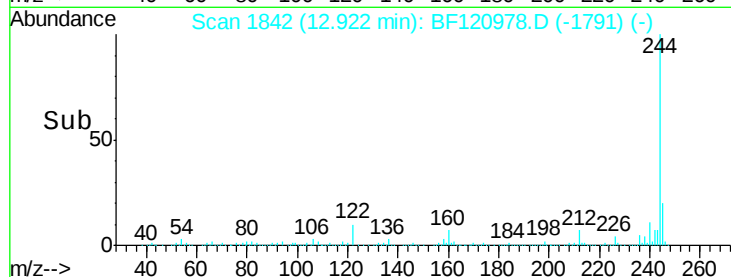
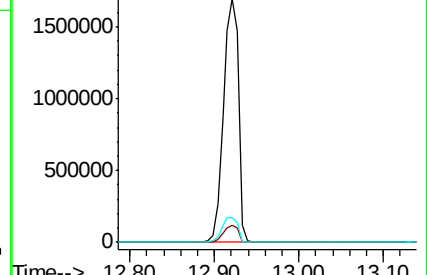
122 10.0 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.598 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

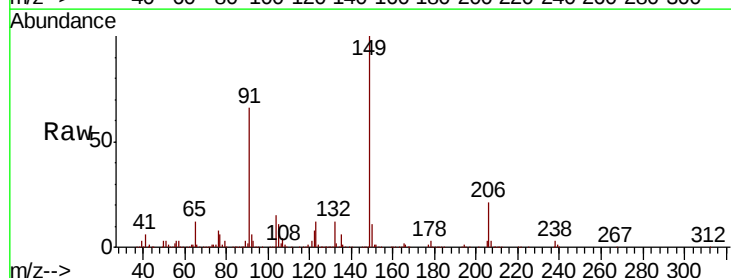
Tgt Ion:149 Resp: 789948

Ion Ratio Lower Upper

149 100

91 66.0 55.1 82.7

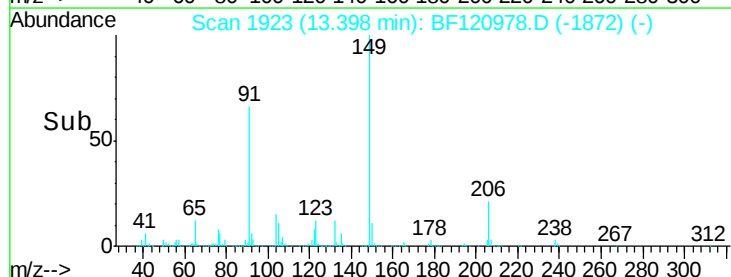
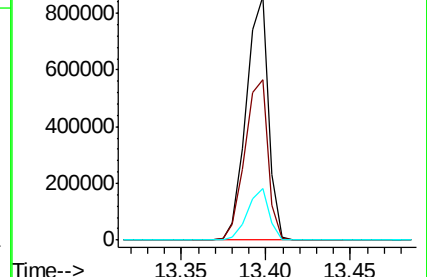
206 21.4 16.1 24.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.166 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

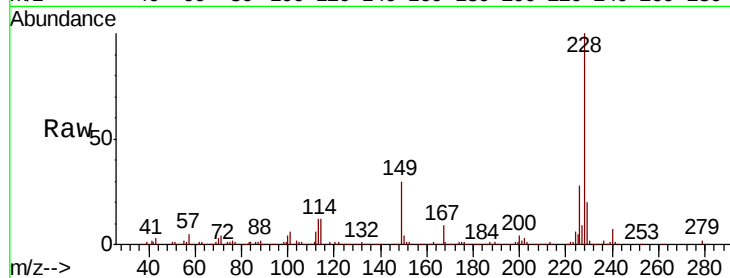
Tot Ion:228 Resp: 1336948

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

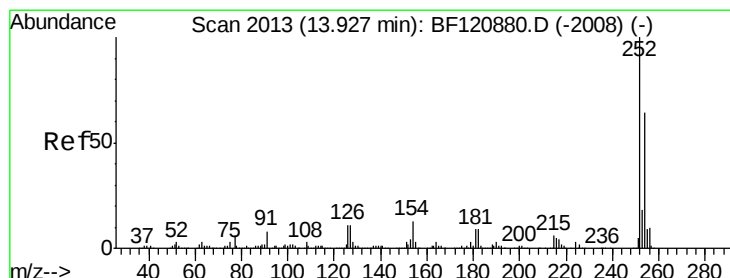
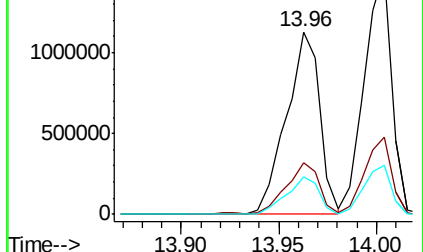
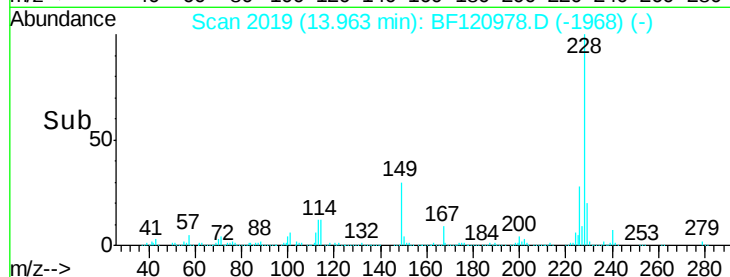
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.308 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

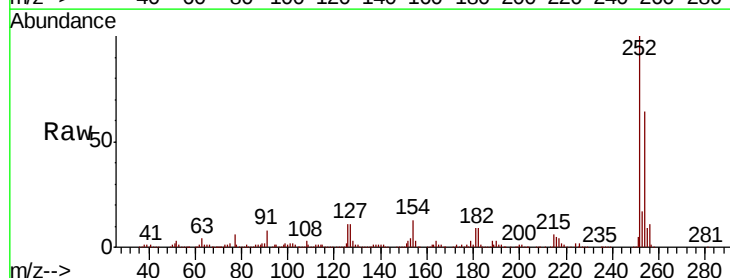
Tgt Ion:252 Resp: 543848

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

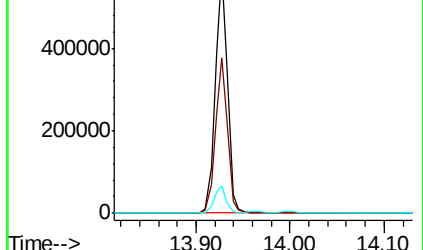
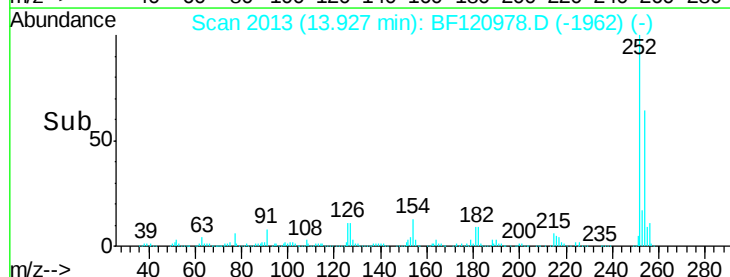
126 11.4 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.731 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Instrument :

BNA_F

ClientSampleId :

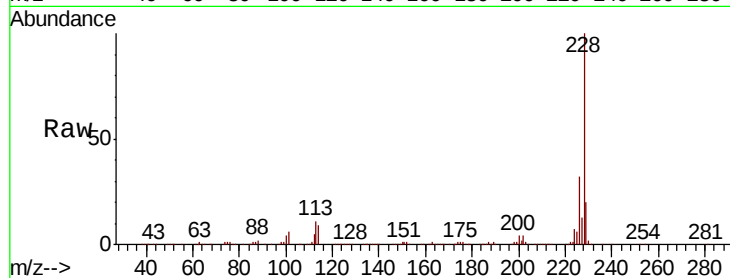
Tot Ion:228 Resp: 1459714

Ion Ratio Lower Upper

228 100

226 31.7 25.6 38.4

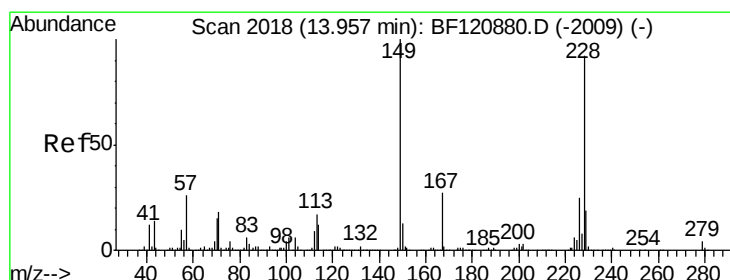
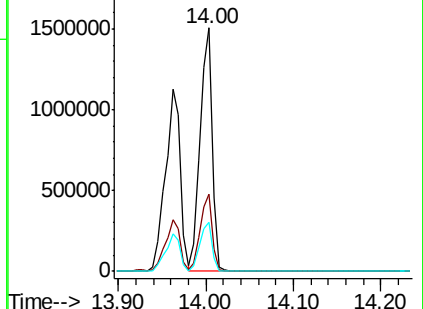
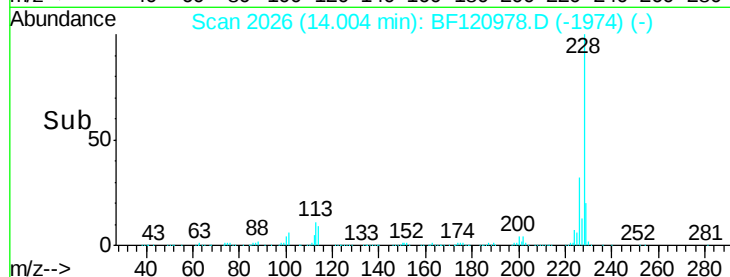
229 20.1 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.441 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

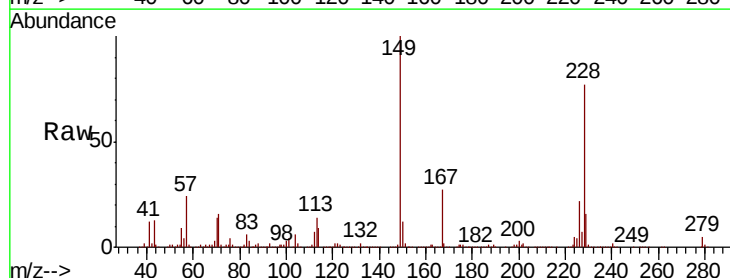
Tgt Ion:149 Resp: 928016

Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

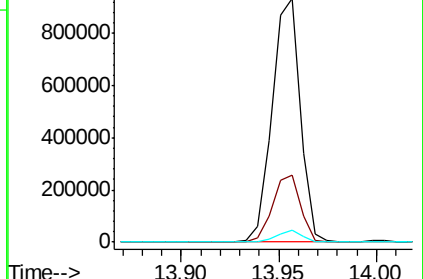
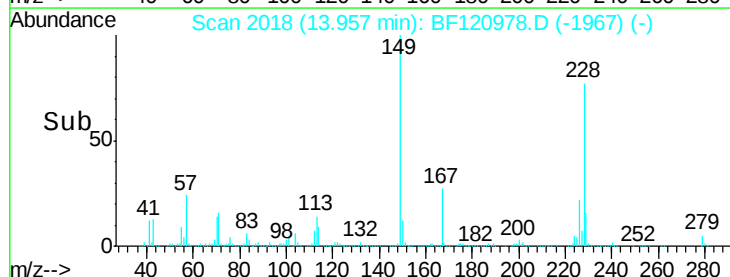
279 4.8 3.0 4.4#

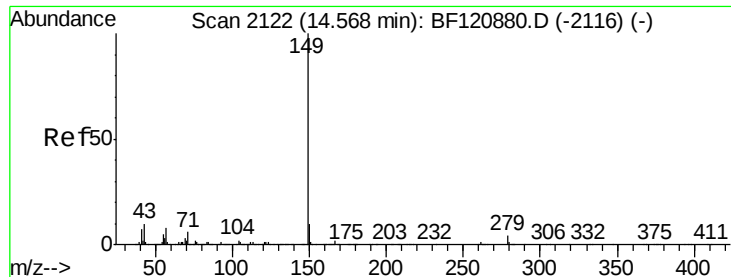


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

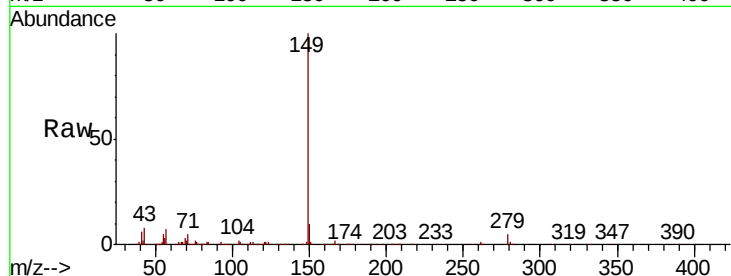




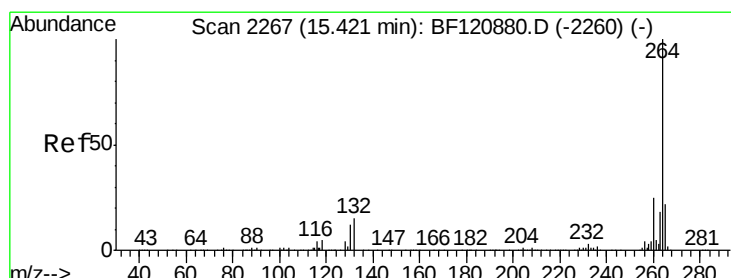
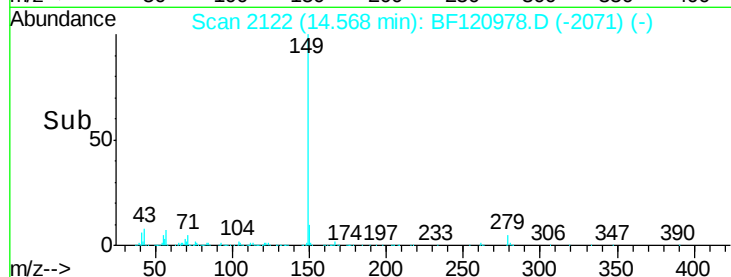
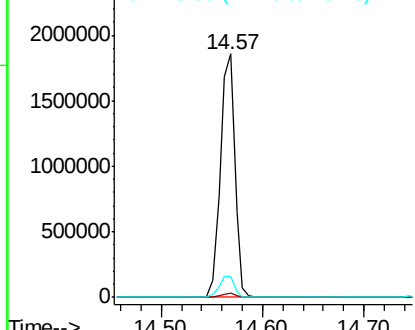
#85
Di-n-octyl phthalate
Concen: 43.238 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1837650
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4

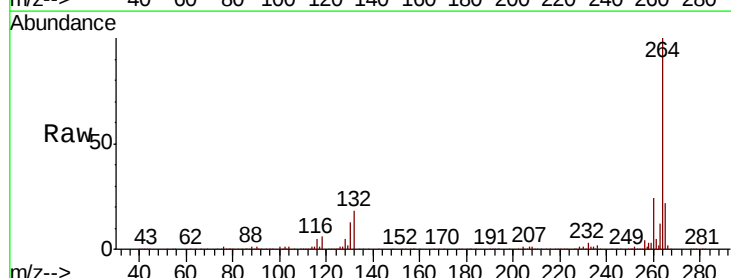


Abundance Ion 149.00 (148.70 to 149.70): E
2500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

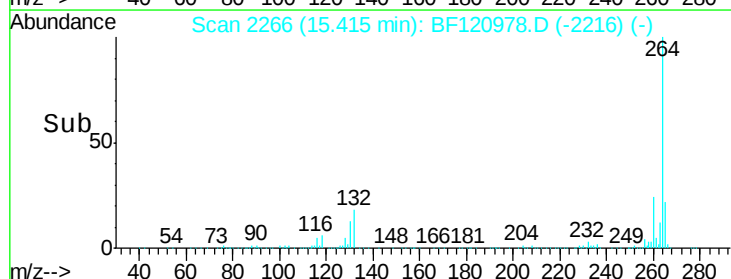
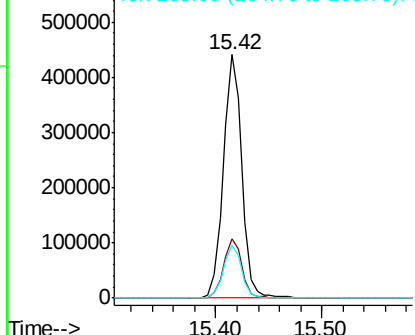


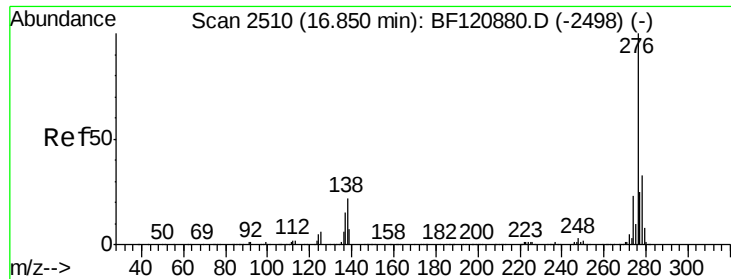
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:264 Resp: 535003
Ion Ratio Lower Upper
264 100
260 24.2 20.0 30.0
265 21.9 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
600000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

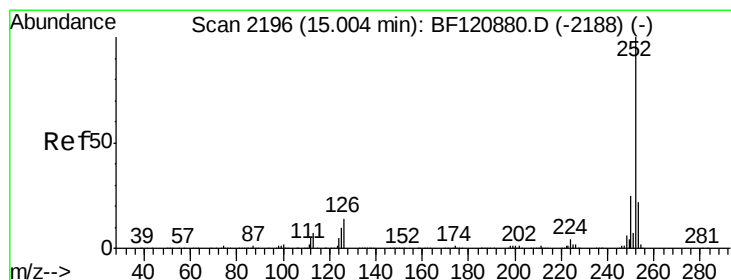
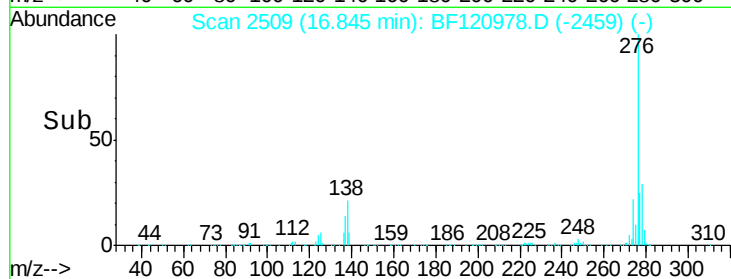
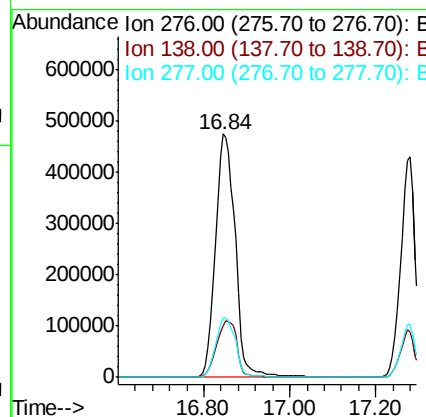
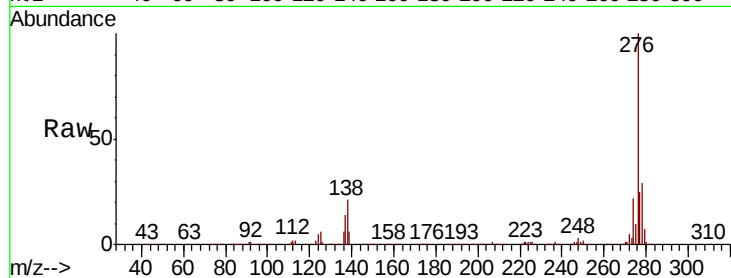




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.376 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

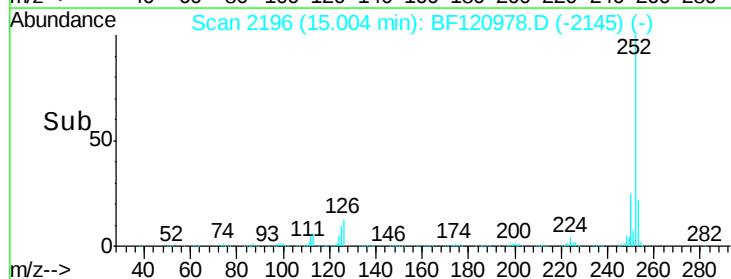
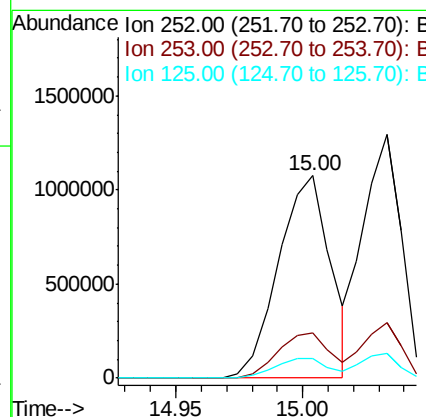
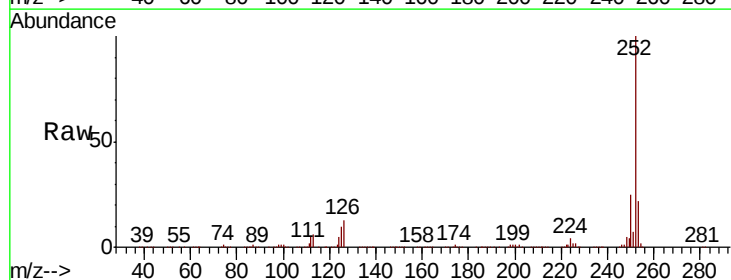
Instrument :
 BNA_F
 ClientSampleId :

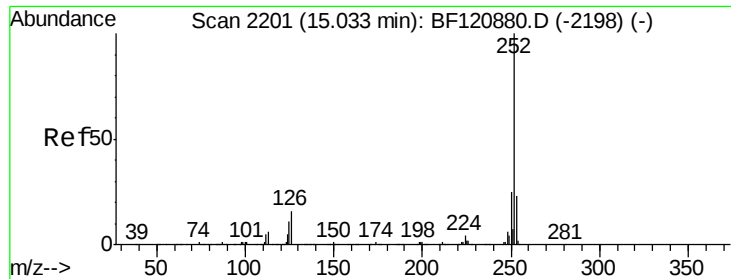
Tot Ion:276 Resp: 1502294
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.8 29.8
 277 25.0 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 47.378 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120978.D
 Acq: 23 Jul 2020 13:07

Tgt Ion:252 Resp: 1532159
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 9.9 8.3 12.5

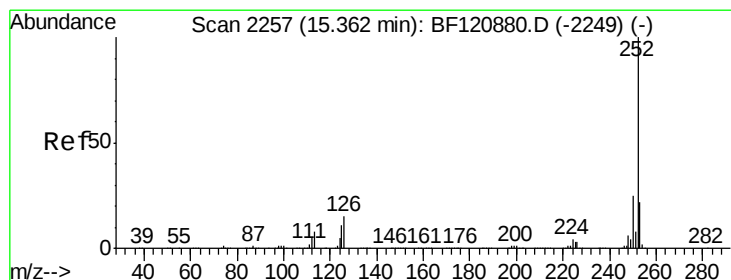
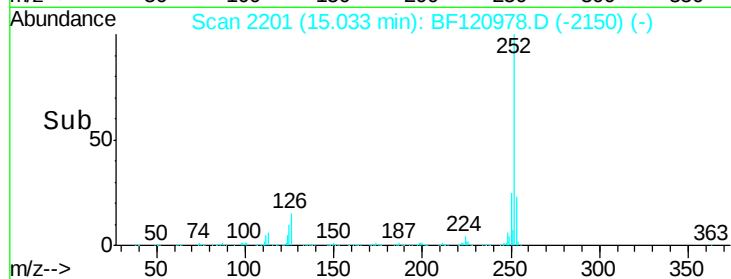
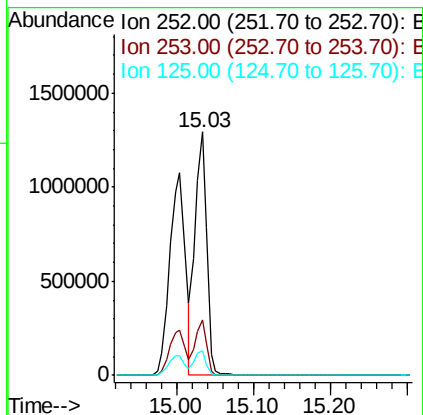
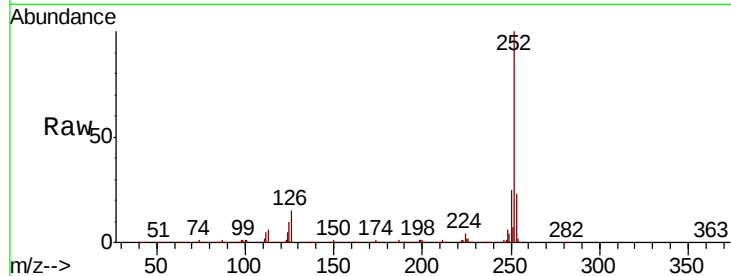




#89
Benzo(k)fluoranthene
Concen: 46.974 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

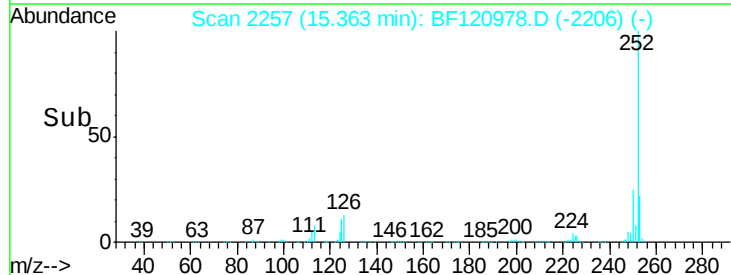
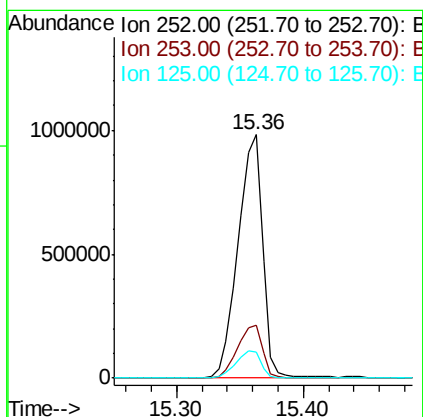
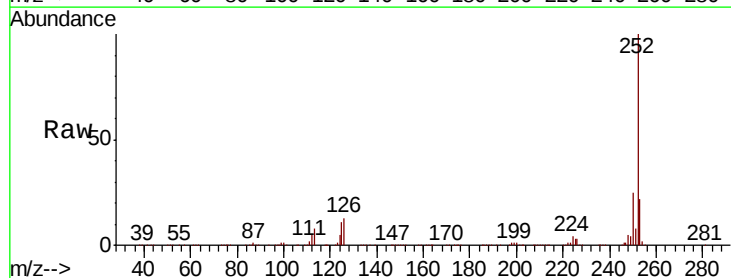
Instrument :
BNA_F
ClientSampleId :

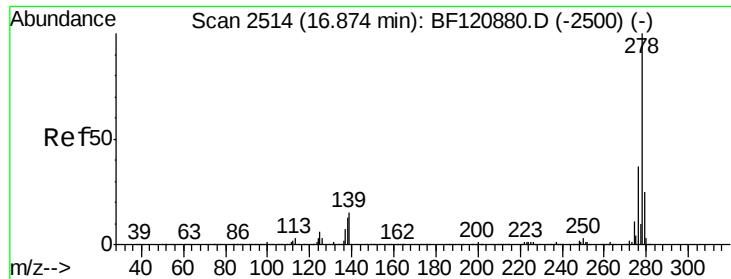
Tot Ion:252 Resp: 1385409
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.4 8.4 12.6



#90
Benzo(a)pyrene
Concen: 44.509 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120978.D
Acq: 23 Jul 2020 13:07

Tgt Ion:252 Resp: 1313228
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.5 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 41.348 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

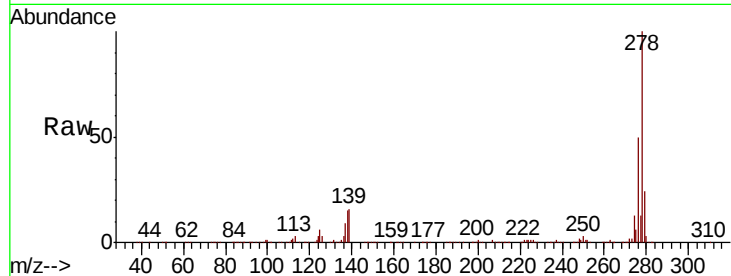
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1256697

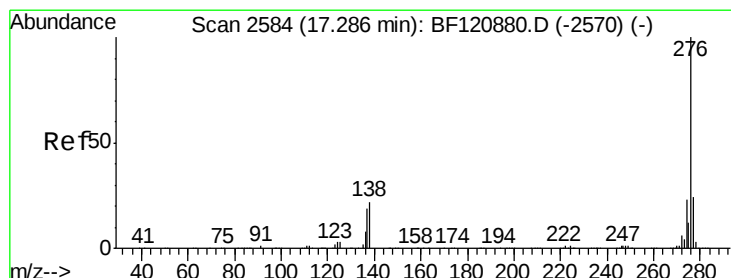
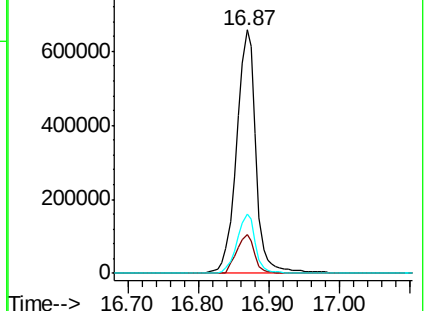
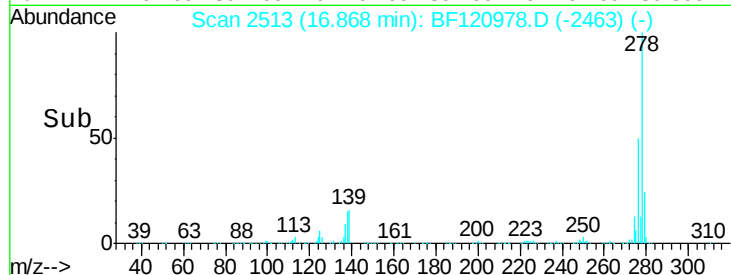
Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.3	18.5
279	24.4	20.1	30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.959 ng

RT: 17.28 min Scan# 2583

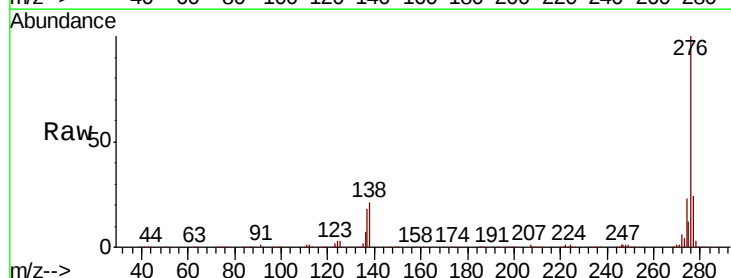
Delta R.T. -0.01 min

Lab File: BF120978.D

Acq: 23 Jul 2020 13:07

Tgt Ion:276 Resp: 1167488

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.8	17.5	26.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

