

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121023.D
 Acq On : 27 Jul 2020 10:22
 Operator : JU/CG
 Sample : PB130459BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130459BS

Quant Time: Jul 27 11:08:45 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	170231	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	631254	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	314965	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	565918	20.00	ng	0.00
76) Chrysene-d12	13.97	240	398833	20.00	ng	0.00
86) Perylene-d12	15.42	264	382585	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1080800	104.08	ng	0.02
7) Phenol-d6	6.45	99	1313700	97.94	ng	0.00
23) Nitrobenzene-d5	7.38	82	830079	76.09	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	373751	108.41	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1481487	70.23	ng	0.00
79) Terphenyl-d14	12.92	244	1401032	76.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	163701	34.254	ng	99
3) Pyridine	3.36	79	404187	31.793	ng	98
4) n-Nitrosodimethylamine	3.30	42	203249	37.388	ng	96
6) Aniline	6.47	93	524477	29.954	ng	98
8) 2-Chlorophenol	6.60	128	452763	39.579	ng	100
9) Benzaldehyde	6.36	77	311683	51.825	ng	98
10) Phenol	6.46	94	530292	35.939	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	428973	37.935	ng	100
12) 1,3-Dichlorobenzene	6.76	146	468222	37.747	ng	99
13) 1,4-Dichlorobenzene	6.83	146	467021	37.863	ng	100
14) 1,2-Dichlorobenzene	6.99	146	457877	39.240	ng	100
15) Benzyl Alcohol	6.96	79	345821	36.456	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	593908	36.438	ng	99
17) 2-Methylphenol	7.07	107	350361	34.556	ng	99
18) Hexachloroethane	7.33	117	174856	39.168	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	268470	35.198	ng	100
20) 3+4-Methylphenols	7.22	107	390111	30.246	ng	# 84
22) Acetophenone	7.23	105	550100	38.829	ng	97
24) Nitrobenzene	7.40	77	441360	37.536	ng	100
25) Isophorone	7.64	82	810083	37.206	ng	99
26) 2-Nitrophenol	7.72	139	236462	42.344	ng	99
27) 2,4-Dimethylphenol	7.75	122	374457	41.300	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	527291	39.674	ng	100
29) 2,4-Dichlorophenol	7.96	162	360294	38.888	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	398571	38.775	ng	99
31) Naphthalene	8.12	128	1234063	38.111	ng	100
32) Benzoic acid	7.87	122	255046	37.473	ng	97
33) 4-Chloroaniline	8.17	127	306923	21.248	ng	99
34) Hexachlorobutadiene	8.24	225	231058	38.131	ng	99
35) Caprolactam	8.55	113	109571	36.879	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	367071	38.631	ng	95
37) 2-Methylnaphthalene	8.81	142	823769	39.181	ng	99
38) 1-Methylnaphthalene	8.91	142	770823	38.711	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	367166	40.010	ng	99

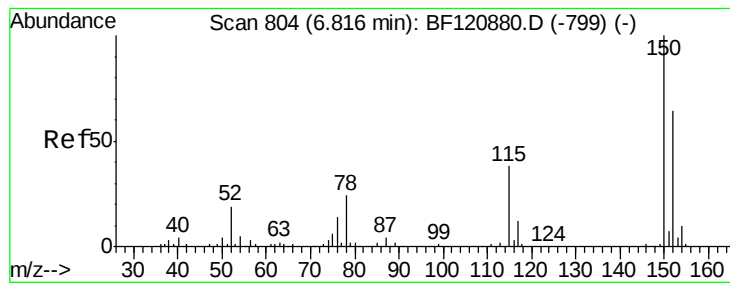
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	428763	84.539	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	260252	40.279	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	270326	36.883	nq	96
46) 1,1'-Biphenyl	9.27	154	982525	40.895	nq	100
47) 2-Chloronaphthalene	9.30	162	759064	38.751	nq	99
48) 2-Nitroaniline	9.39	65	226364	38.239	nq	99
49) Acenaphthylene	9.72	152	1203522	39.550	nq	99
50) Dimethylphthalate	9.58	163	869814	38.279	nq	100
51) 2,6-Dinitrotoluene	9.64	165	193979	39.735	nq	89
52) Acenaphthene	9.89	154	697907	36.073	nq	100
53) 3-Nitroaniline	9.80	138	141196	23.061	nq	97
54) 2,4-Dinitrophenol	9.92	184	176848	64.394	nq	# 84
55) Dibenzofuran	10.06	168	1058659	37.840	nq	99
56) 4-Nitrophenol	9.97	139	318887	68.564	nq	98
57) 2,4-Dinitrotoluene	10.04	165	255002	39.777	nq	92
58) Fluorene	10.40	166	764997	36.662	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	230426	41.293	nq	96
60) Diethylphthalate	10.27	149	857694	37.318	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	384066	34.509	nq	97
62) 4-Nitroaniline	10.42	138	205802	34.507	nq	97
63) Azobenzene	10.55	77	812515	37.134	nq	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	120969	37.820	nq	90
66) n-Nitrosodiphenylamine	10.52	169	732931	41.170	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	253900	40.241	nq	97
68) Hexachlorobenzene	10.95	284	284359	41.663	nq	# 89
69) Atrazine	11.04	200	203876	46.241	nq	98
70) Pentachlorophenol	11.15	266	318191	81.377	nq	99
71) Phenanthrene	11.36	178	1143041	39.273	nq	99
72) Anthracene	11.42	178	1192821	40.814	nq	100
73) Carbazole	11.57	167	1087062	37.480	nq	100
74) Di-n-butylphthalate	11.90	149	1301049	38.871	nq	100
75) Fluoranthene	12.54	202	1224508	37.956	nq	99
77) Benzidine	12.67	184	545358	52.008	nq	99
78) Pyrene	12.77	202	1255811	44.536	nq	100
80) Butylbenzylphthalate	13.40	149	527577	41.971	nq	95
81) Benzo(a)anthracene	13.96	228	970600	40.188	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	311061	34.139	nq	99
83) Chrysene	14.00	228	1025503	40.405	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	679967	43.868	nq	100
85) Di-n-octyl phthalate	14.56	149	1223175	39.664	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1044341	39.250	nq	99
88) Benzo(b)fluoranthene	15.00	252	956257	41.350	nq	99
89) Benzo(k)fluoranthene	15.03	252	941317	44.632	nq	98
90) Benzo(a)pyrene	15.36	252	859373	40.730	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	877666	40.382	nq	98
92) Benzo(g,h,i)perylene	17.29	276	861629	40.207	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF121023.D

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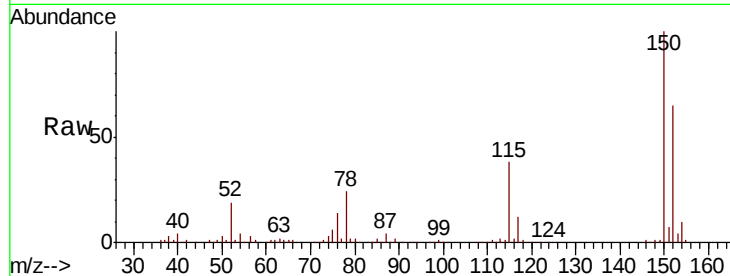
Tot Ion:152 Resp: 170231

Ion Ratio Lower Upper

152 100

150 153.0 125.0 187.6

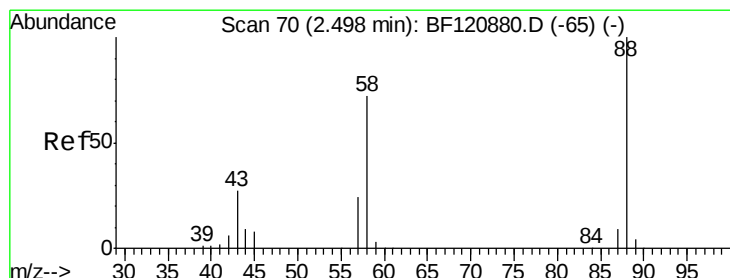
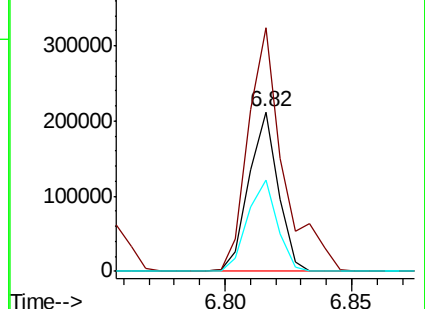
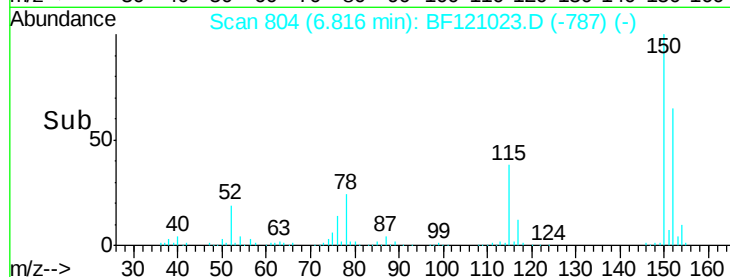
115 57.6 47.0 70.4



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: 34.254 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.12 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

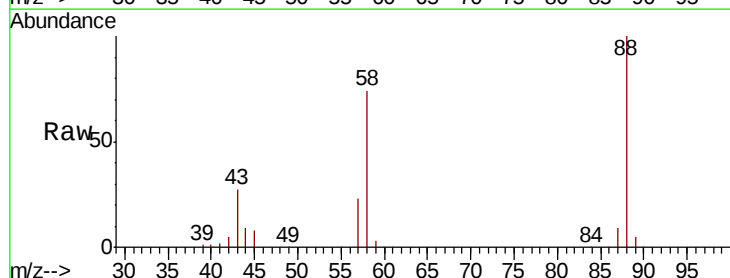
Tgt Ion: 88 Resp: 163701

Ion Ratio Lower Upper

88 100

58 73.8 58.2 87.2

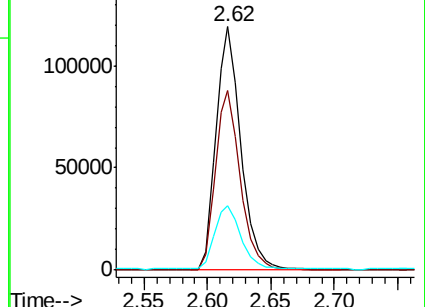
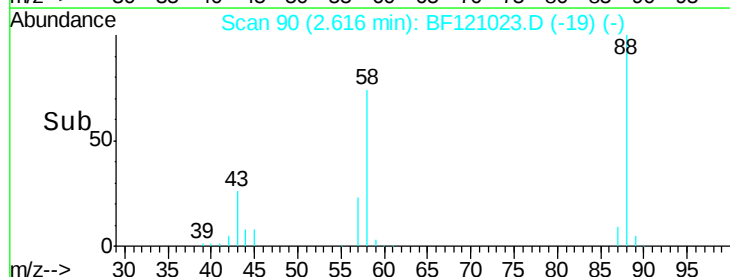
43 27.8 22.1 33.1



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: 31.793 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.12 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

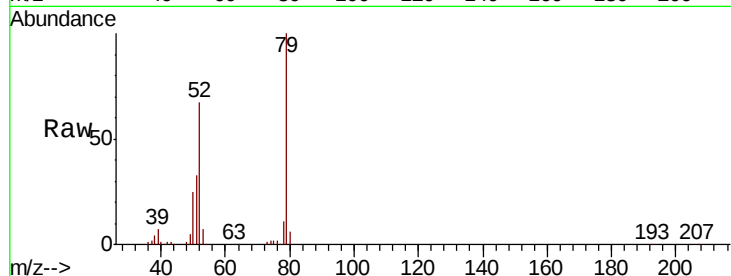
Tot Ion: 79 Resp: 404187

Ion Ratio Lower Upper

79 100

52 67.3 55.0 82.6

51 33.1 26.9 40.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

200000

150000

100000

50000

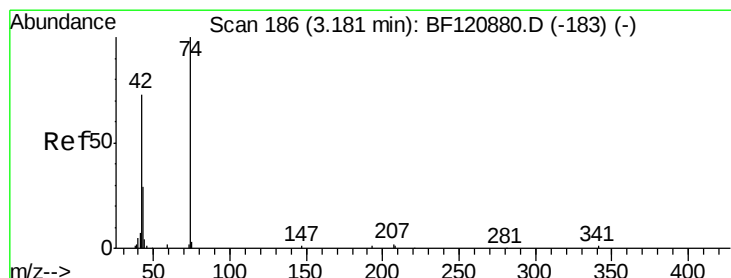
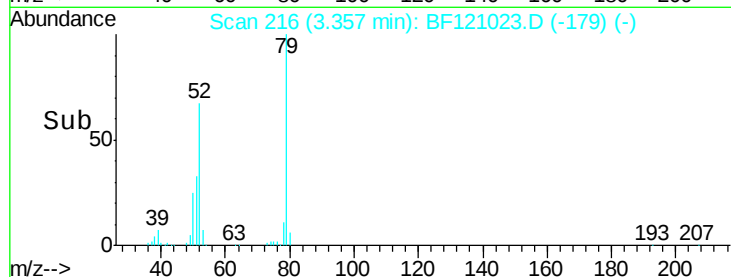
0

3.36

3.40

3.60

Time-->



#4

n-Nitrosodimethylamine

Concen: 37.388 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.12 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

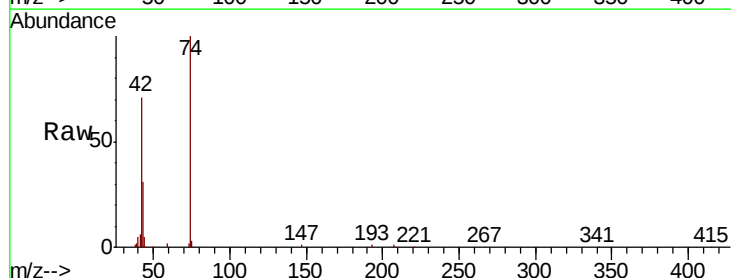
Tgt Ion: 42 Resp: 203249

Ion Ratio Lower Upper

42 100

74 140.7 108.7 163.1

44 6.5 5.2 7.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

150000

100000

50000

0

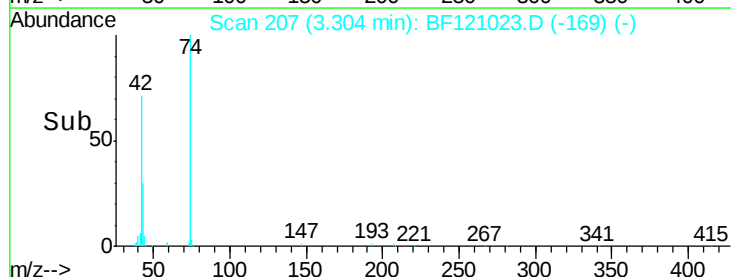
3.30

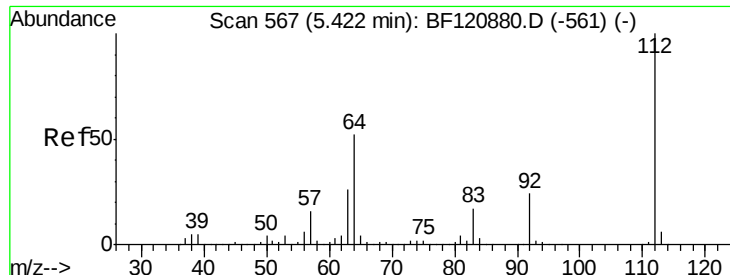
3.20

3.40

3.50

Time-->





#5

2-Fluorophenol

Concen: 104.083 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

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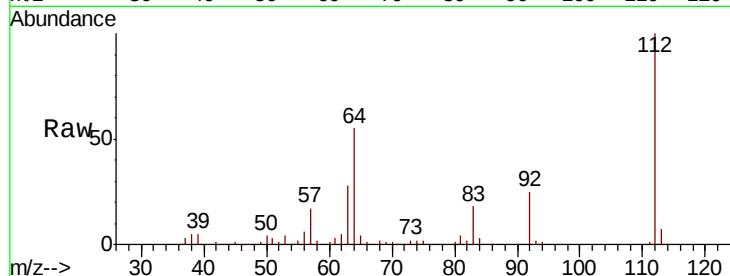
Tot Ion:112 Resp: 1080800

Ion Ratio Lower Upper

112 100

64 54.6 41.3 61.9

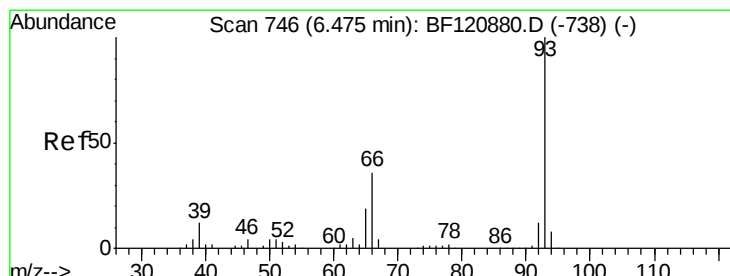
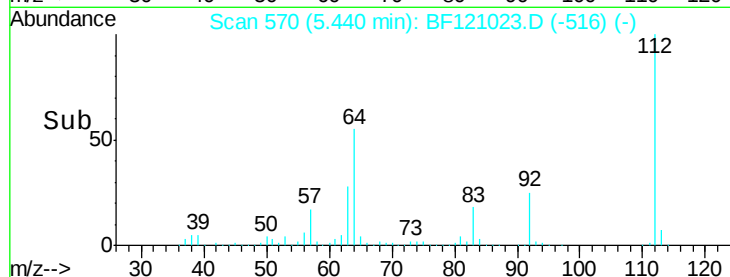
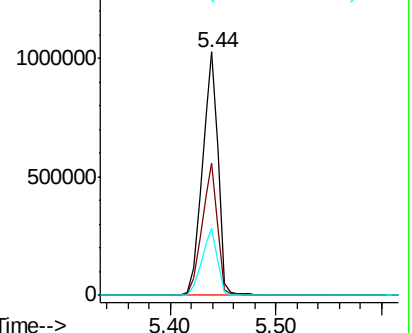
63 27.8 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.954 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

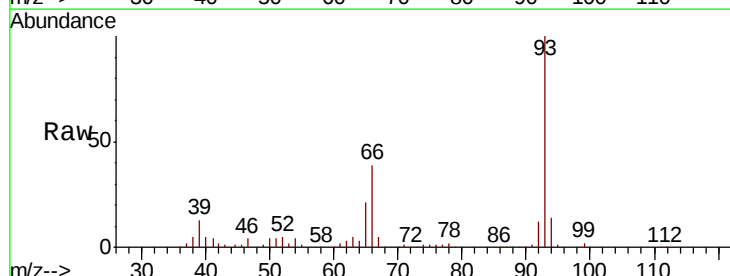
Tgt Ion: 93 Resp: 524477

Ion Ratio Lower Upper

93 100

66 38.6 30.2 45.4

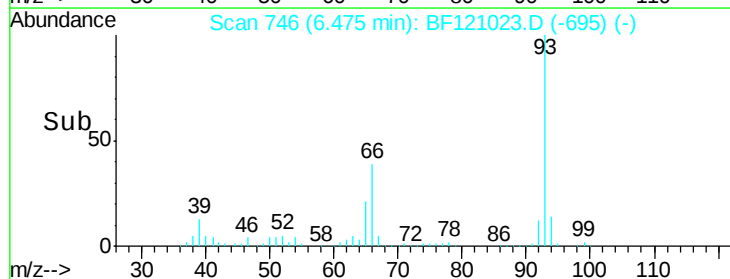
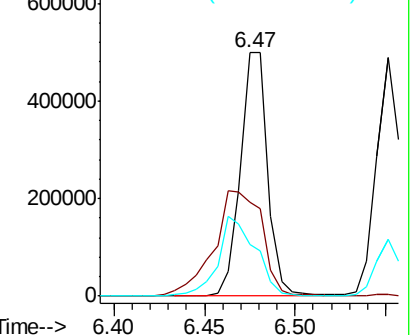
65 21.0 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.939 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

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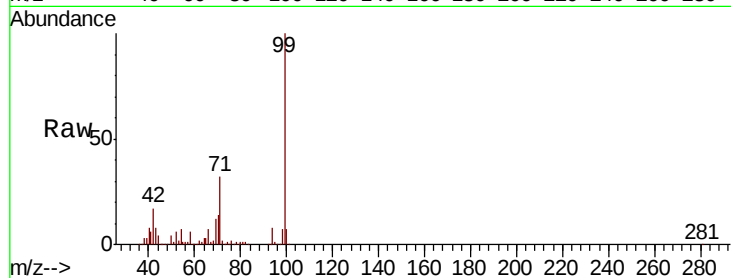
Tot Ion: 99 Resp: 1313700

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

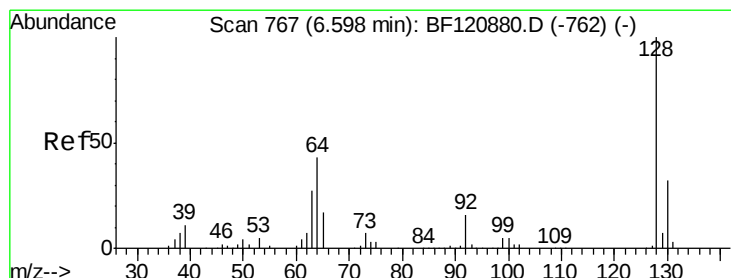
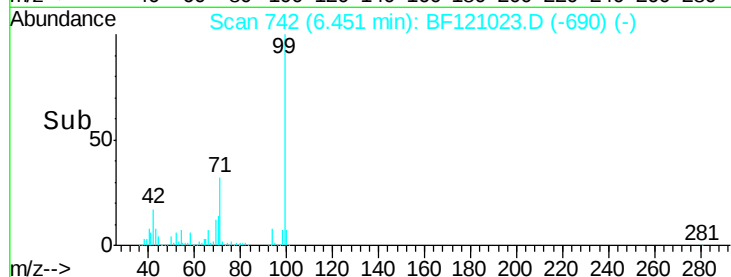
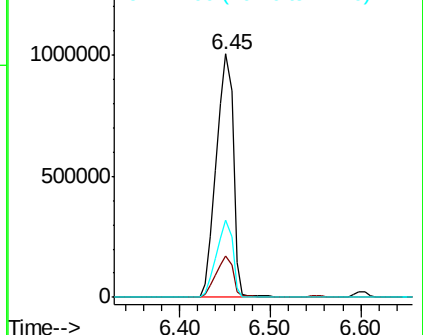
71 31.6 24.2 36.4



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: 39.579 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

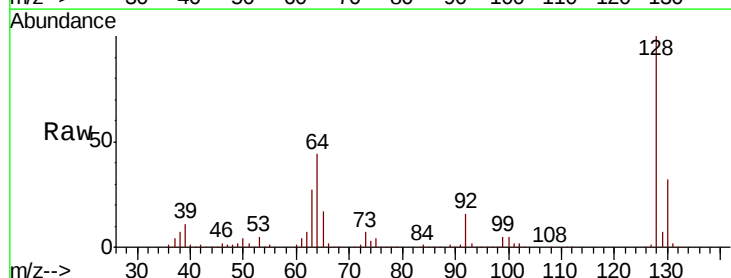
Tgt Ion: 128 Resp: 452763

Ion Ratio Lower Upper

128 100

130 32.1 12.1 52.1

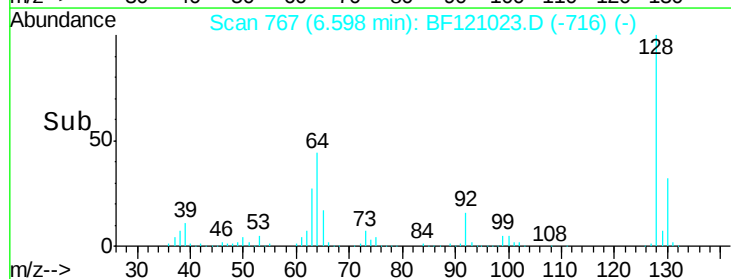
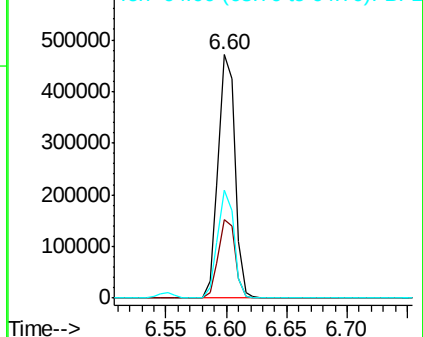
64 44.1 24.0 64.0



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: 51.825 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121023.D

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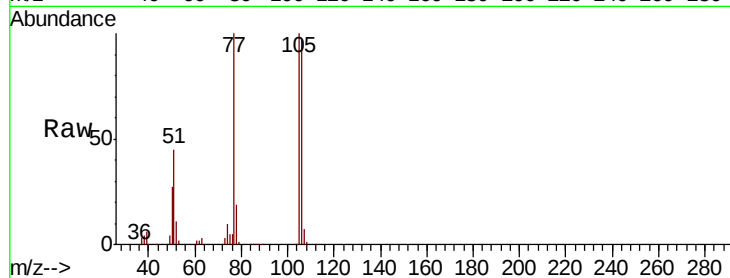
Tot Ion: 77 Resp: 311683

Ion Ratio Lower Upper

77 100

105 100.1 82.5 122.5

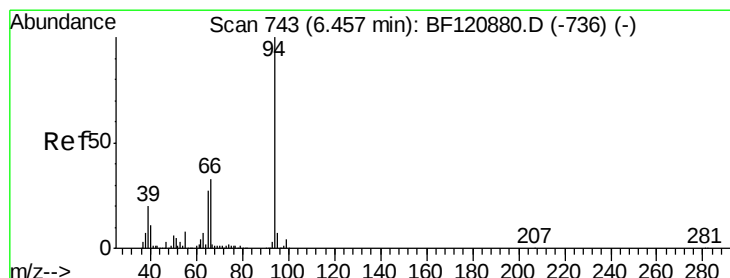
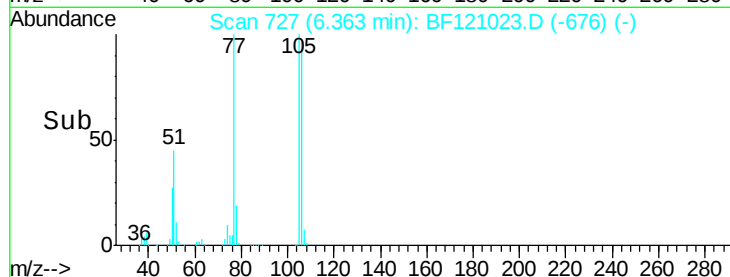
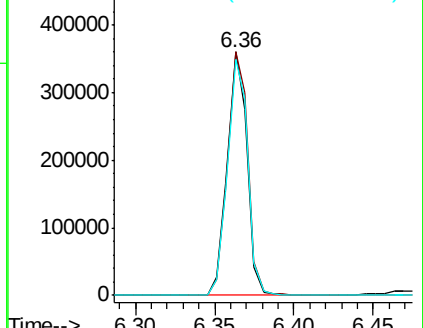
106 97.1 78.7 118.7



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: 35.939 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

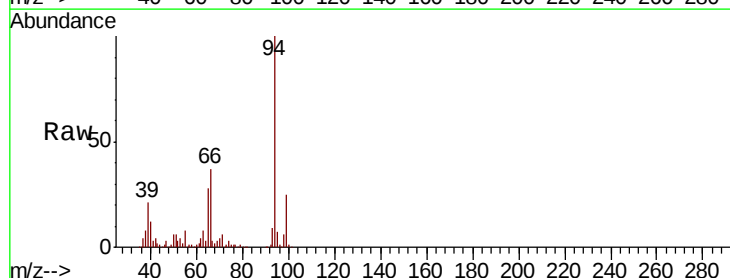
Tgt Ion: 94 Resp: 530292

Ion Ratio Lower Upper

94 100

65 28.0 6.6 46.6

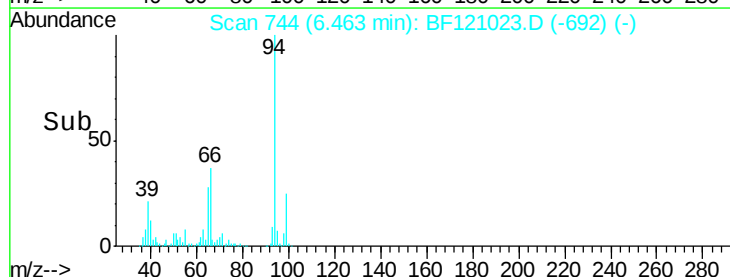
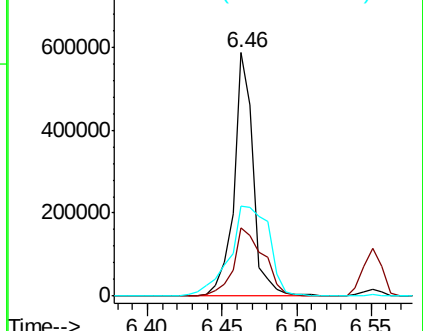
66 36.8 13.2 53.2



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

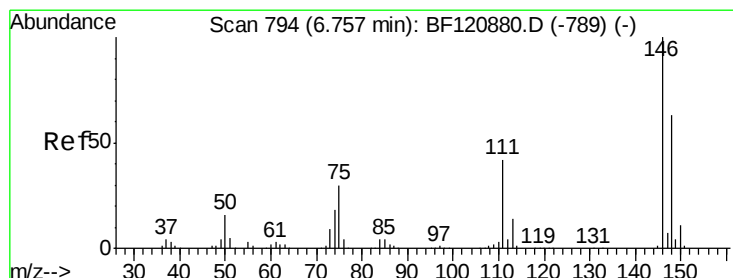
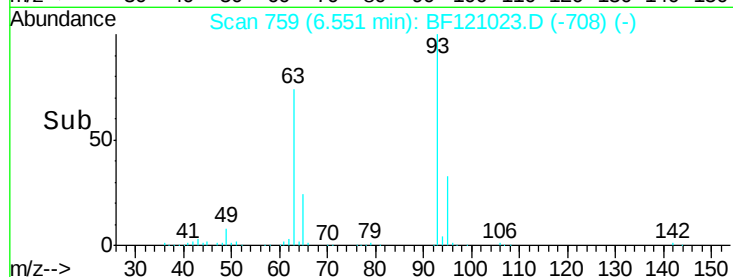
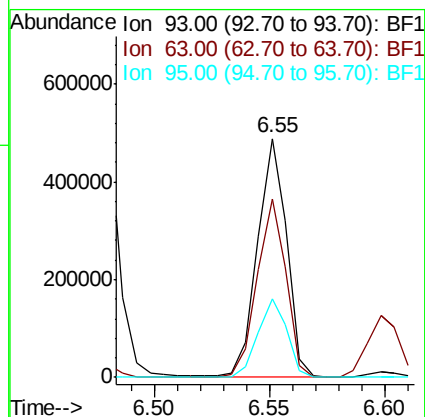
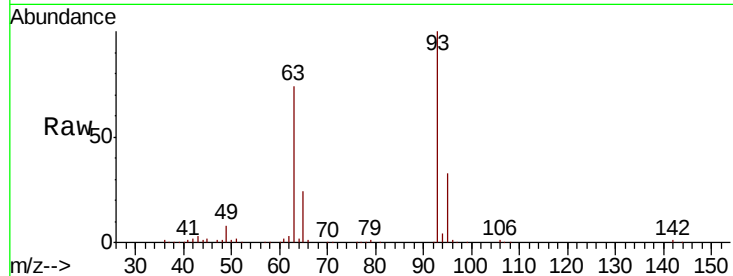




#11
bis(2-Chloroethyl)ether
Concen: 37.935 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

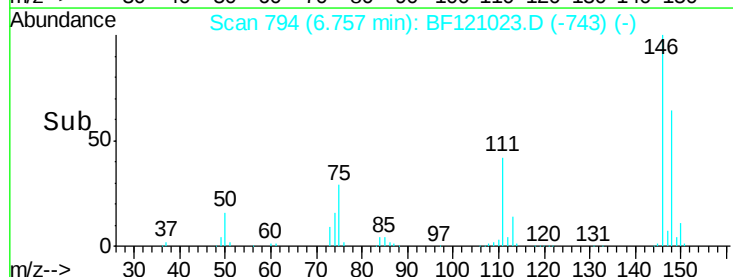
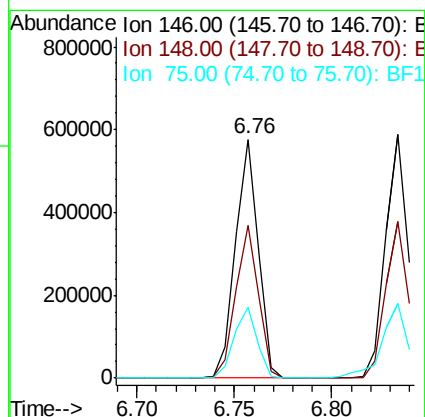
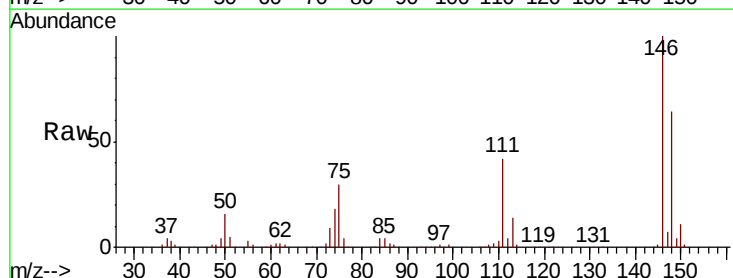
Instrument :
BNA_F
ClientSampleId :
PB130459BS

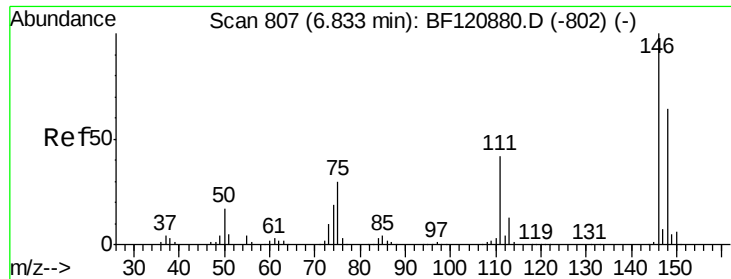
Tot Ion: 93 Resp: 428973
Ion Ratio Lower Upper
93 100
63 74.4 54.2 94.2
95 32.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.747 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion: 146 Resp: 468222
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
75 29.7 24.1 36.1

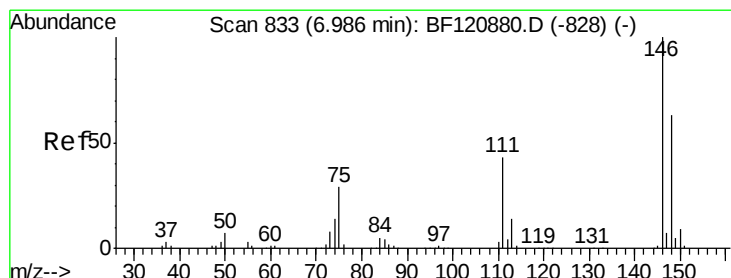
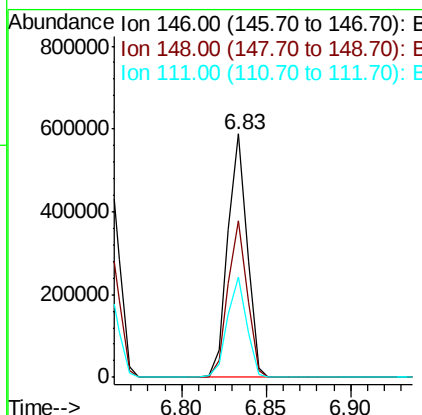
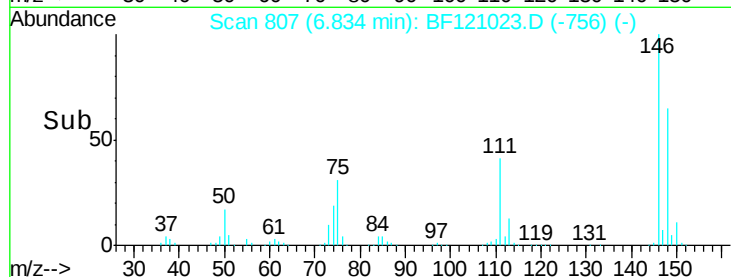
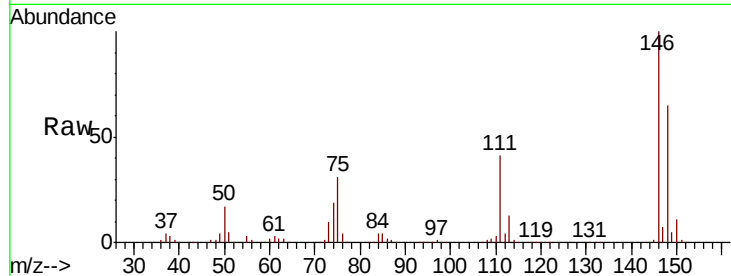




#13
 1,4-Dichlorobenzene
 Concen: 37.863 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

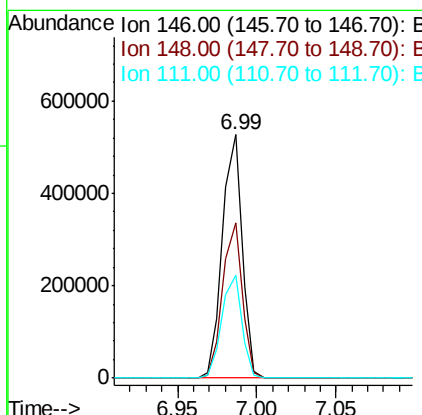
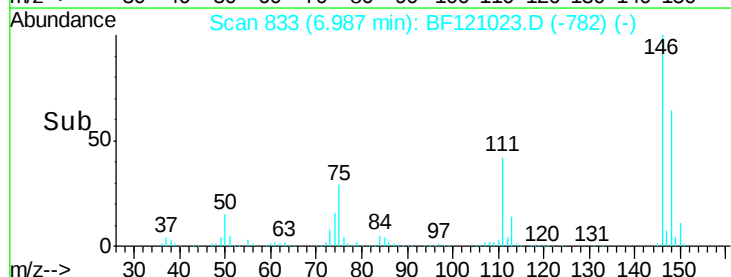
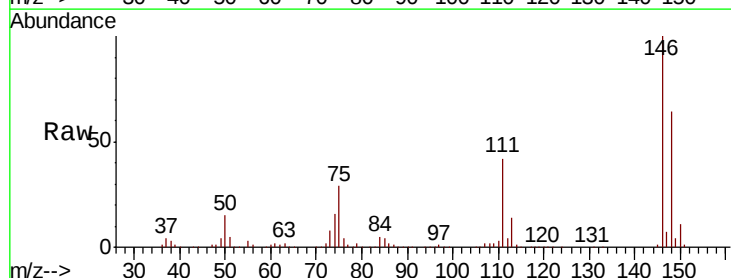
Instrument :
 BNA_F
 ClientSampleId :
 PB130459BS

Tot Ion:146 Resp: 467021
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.6 77.4
 111 41.4 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 39.240 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Tgt Ion:146 Resp: 457877
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 76.0
 111 42.2 34.2 51.2





#15

Benzyl Alcohol

Concen: 36.456 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

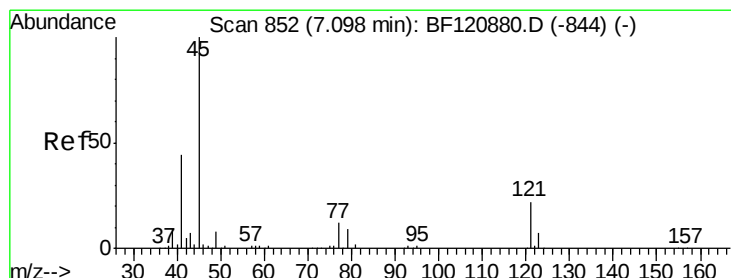
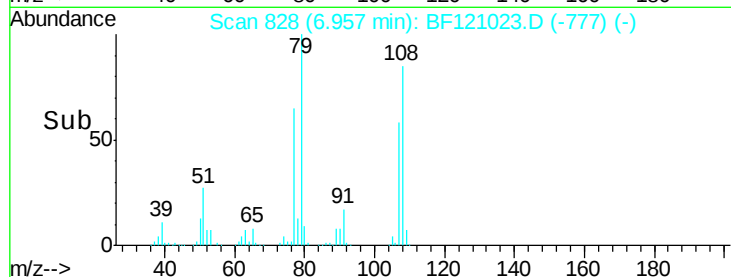
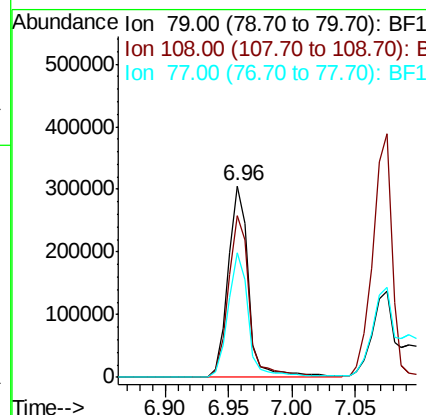
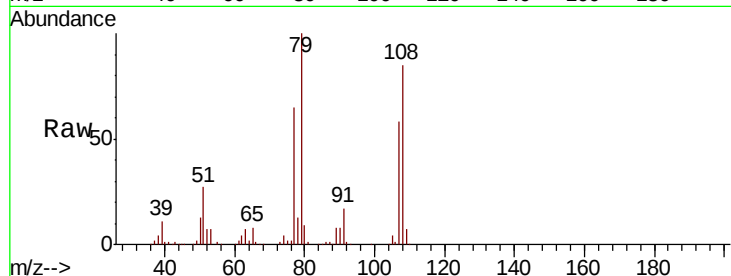
Tot Ion: 79 Resp: 345821

Ion Ratio Lower Upper

79 100

108 84.8 67.0 100.6

77 65.0 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.438 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

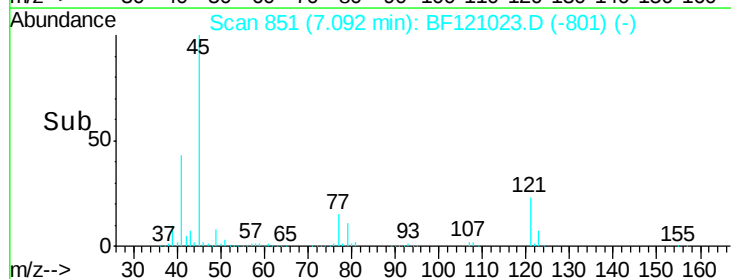
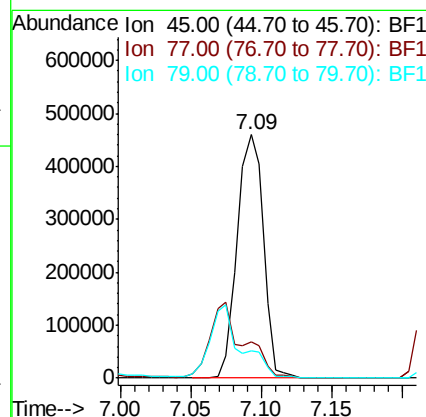
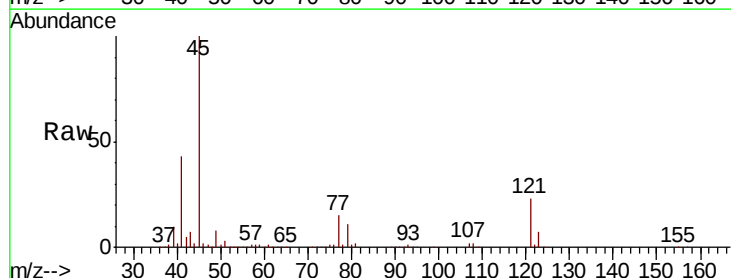
Tgt Ion: 45 Resp: 593908

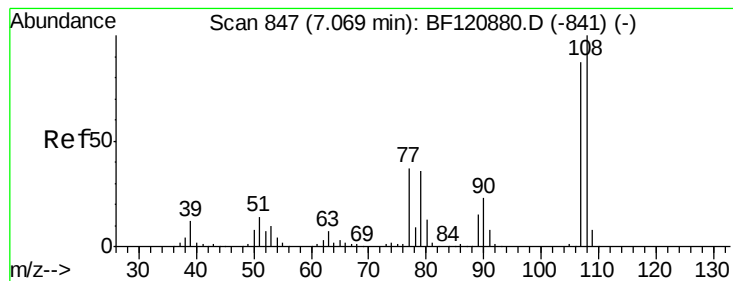
Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.3

79 11.4 0.0 31.0





#17

2-Methylphenol

Concen: 34.556 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

Tot Ion:107 Resp: 350361

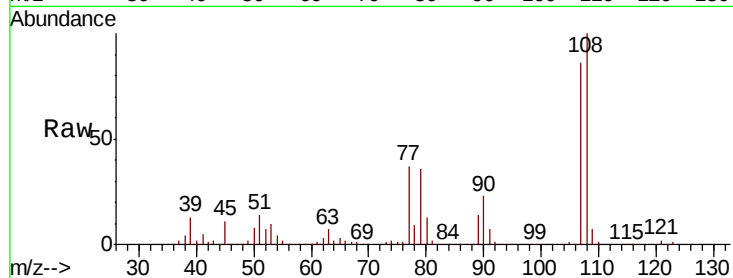
Ion Ratio Lower Upper

107 100

108 115.8 92.0 138.0

77 42.8 34.0 51.0

79 41.2 33.3 49.9

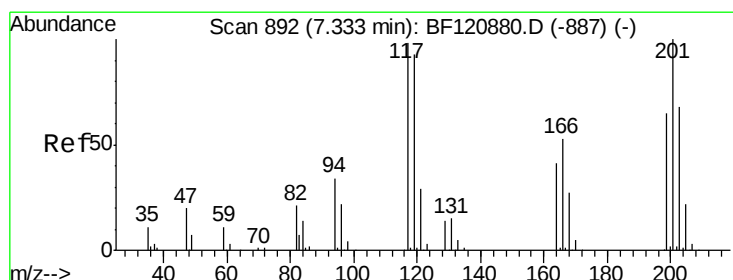
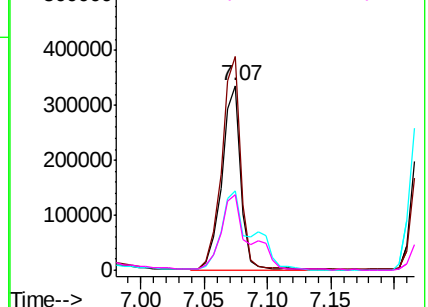
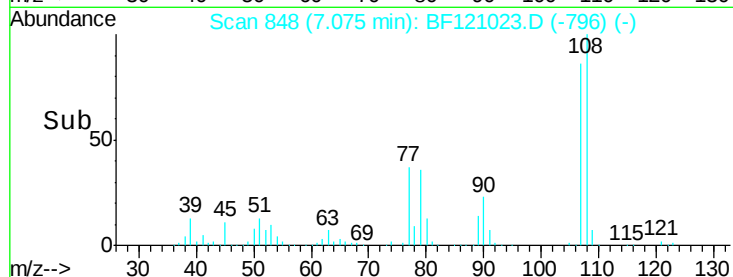


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.168 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

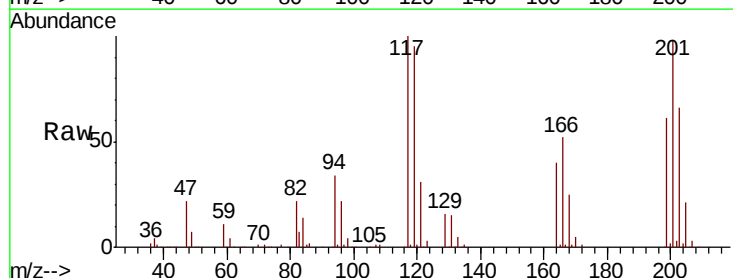
Tgt Ion:117 Resp: 174856

Ion Ratio Lower Upper

117 100

119 95.0 76.0 114.0

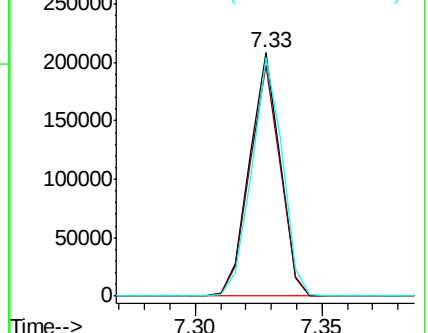
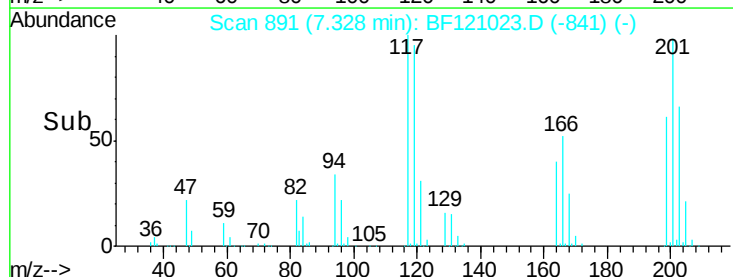
201 97.9 81.7 122.5

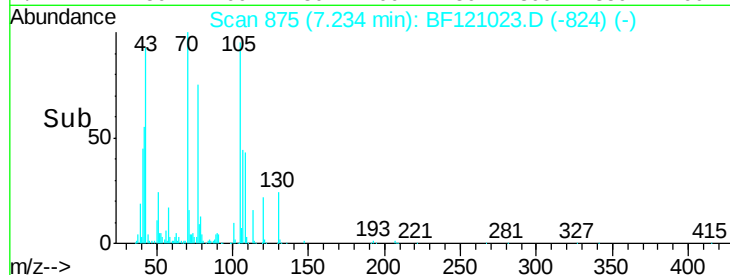
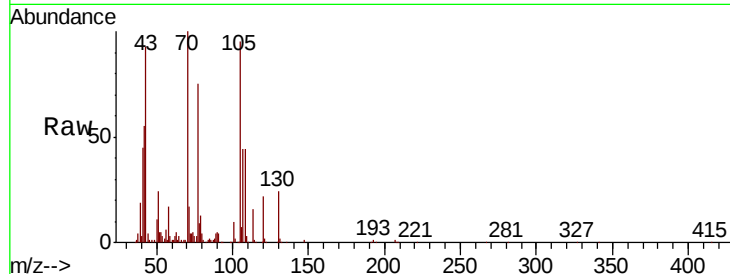


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

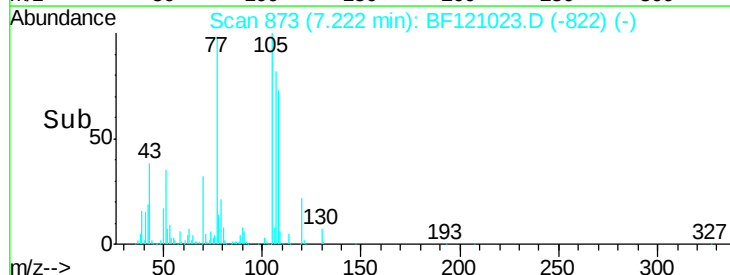
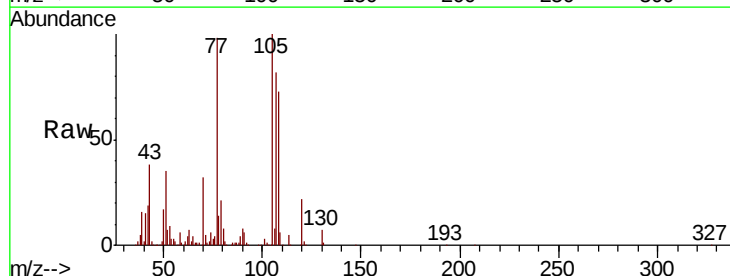
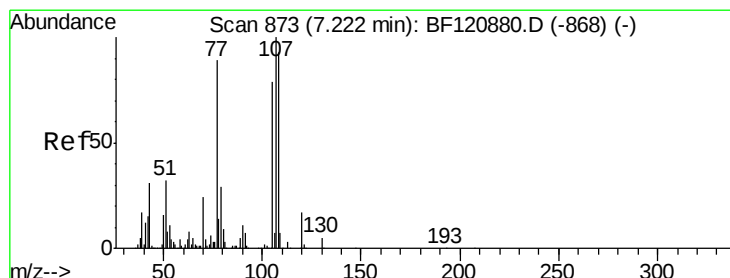
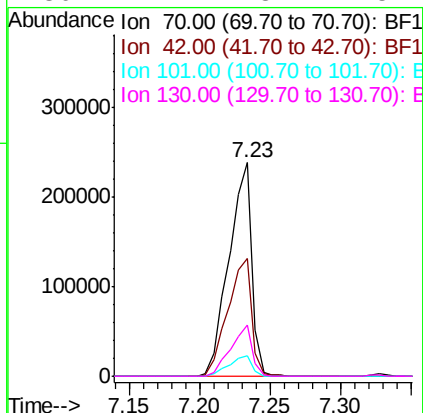




#19
n-Nitroso-di-n-propylamine
Concen: 35.198 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

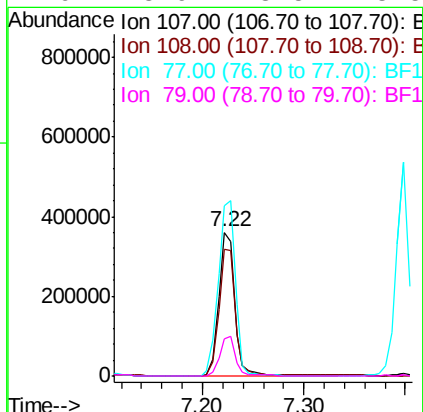
Instrument :
BNA_F
ClientSampleId :
PB130459BS

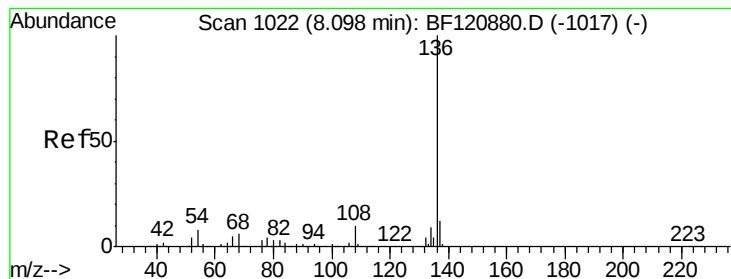
Tot Ion: 70 Resp: 268470
Ion Ratio Lower Upper
70 100
42 55.0 44.0 66.0
101 9.8 7.8 11.6
130 24.1 18.7 28.1



#20
3+4-Methylphenols
Concen: 30.246 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion: 107 Resp: 390111
Ion Ratio Lower Upper
107 100
108 88.2 72.8 112.8
77 118.5 68.7 108.7#
79 25.9 8.5 48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

Tot Ion:136 Resp: 631254

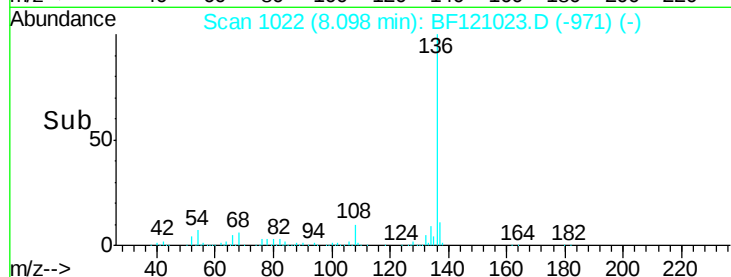
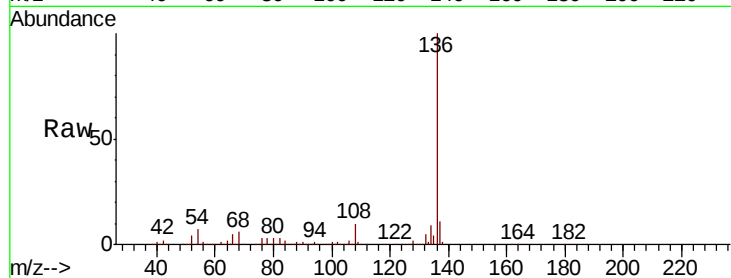
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.3 6.3 9.5

68 5.8 5.0 7.4

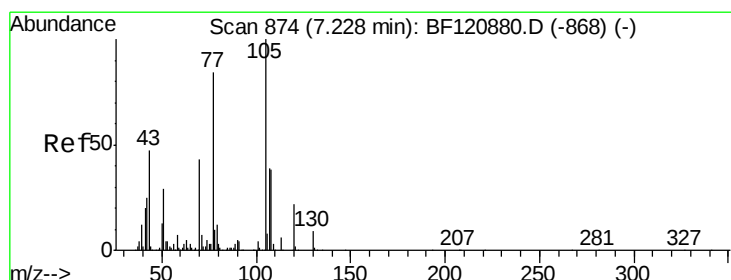
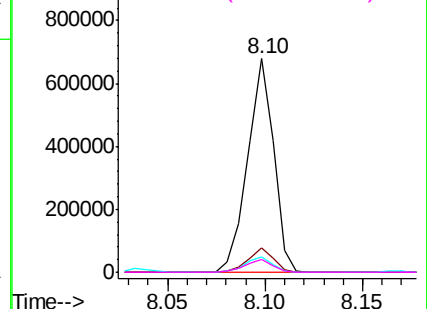


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.829 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Tgt Ion:105 Resp: 550100

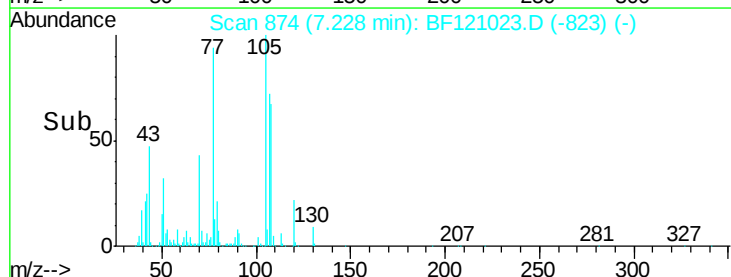
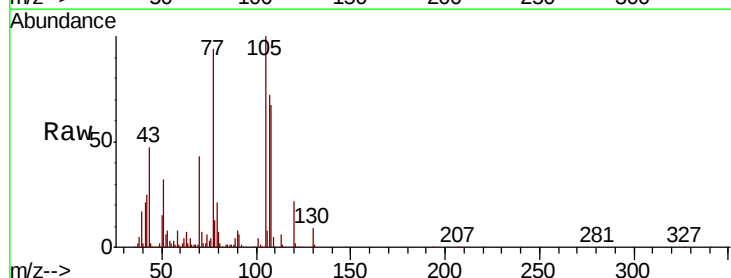
Ion Ratio Lower Upper

105 100

71 7.3 5.7 8.5

51 31.7 22.9 34.3

120 22.5 18.0 27.0

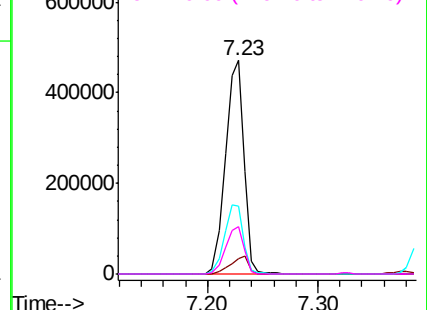


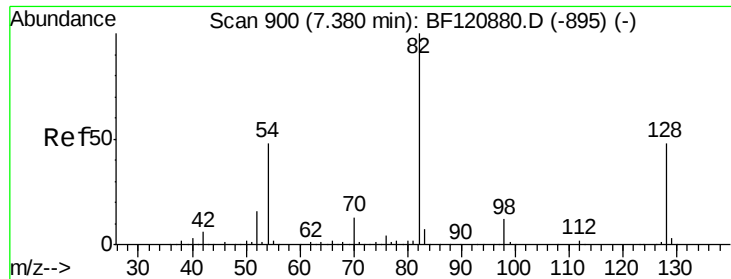
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

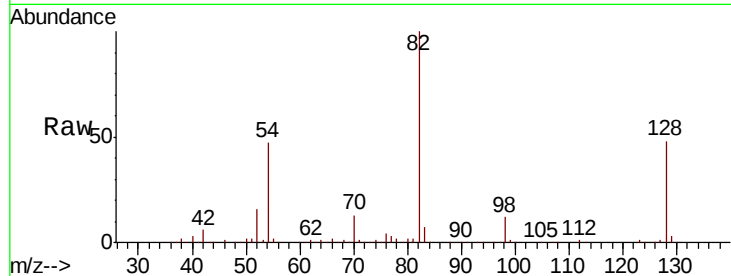




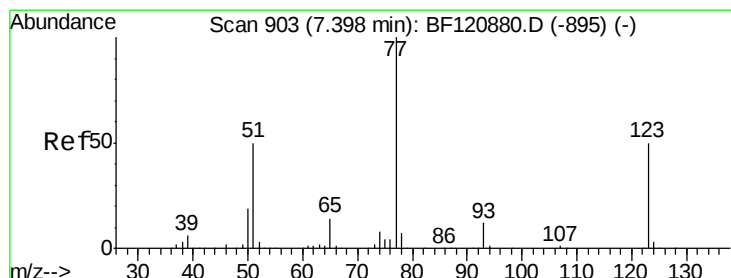
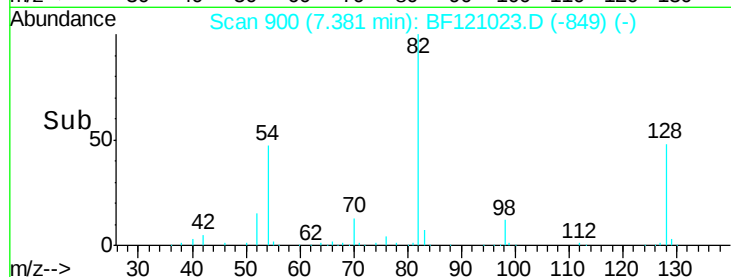
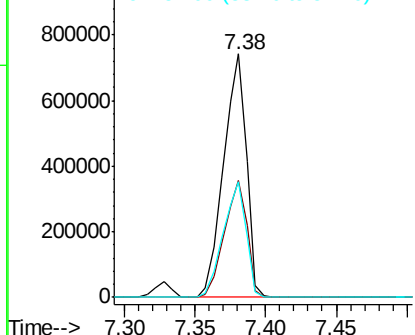
#23
Nitrobenzene-d5
Concen: 76.088 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Instrument :
BNA_F
ClientSampleId :
PB130459BS

Tot Ion: 82 Resp: 830079
Ion Ratio Lower Upper
82 100
128 47.8 38.2 57.4
54 47.4 38.7 58.1

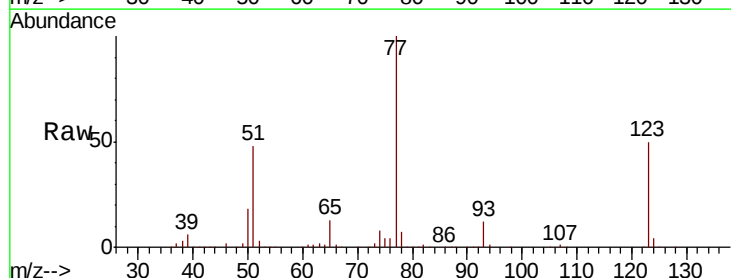


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

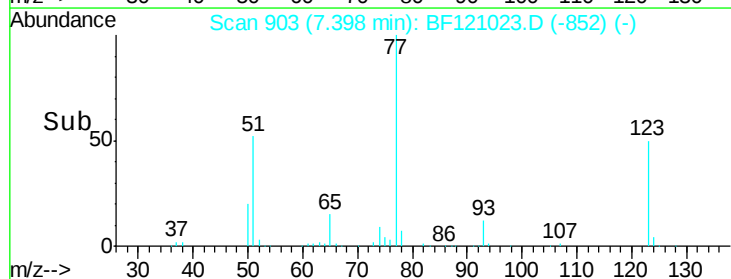
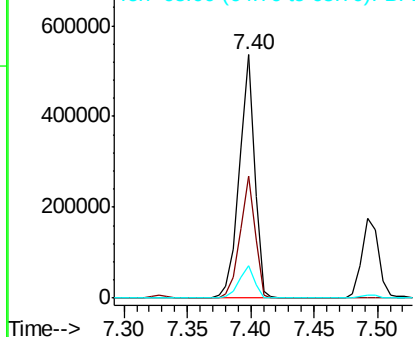


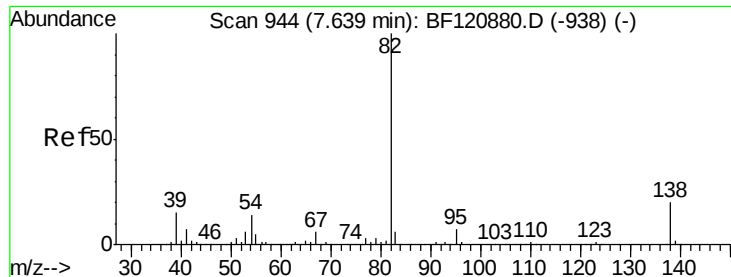
#24
Nitrobenzene
Concen: 37.536 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion: 77 Resp: 441360
Ion Ratio Lower Upper
77 100
123 50.0 40.1 60.1
65 13.3 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: 37.206 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

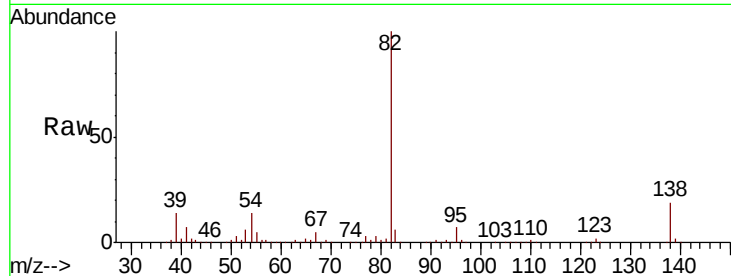
Tot Ion: 82 Resp: 810083

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

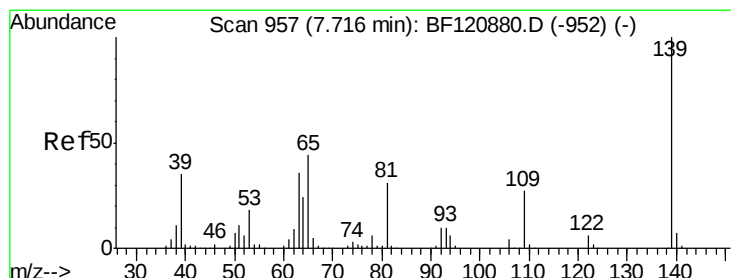
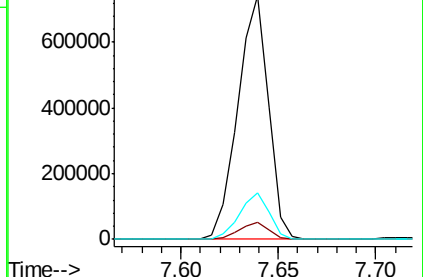
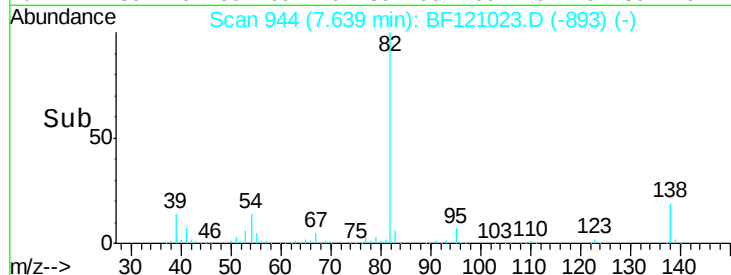
138 19.2 15.6 23.4



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: 42.344 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

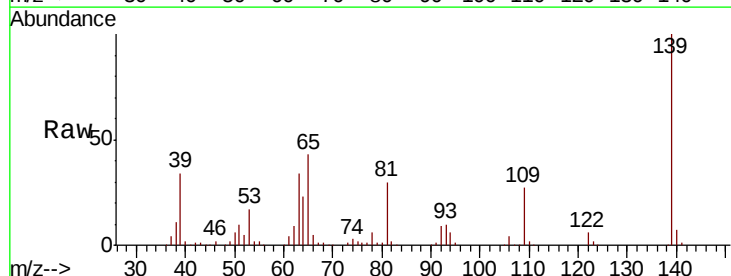
Tgt Ion: 139 Resp: 236462

Ion Ratio Lower Upper

139 100

109 26.7 21.6 32.4

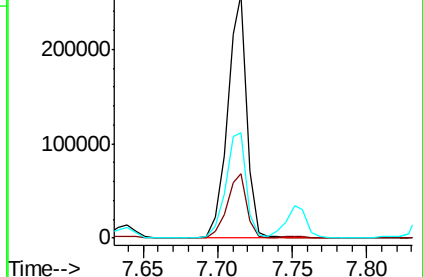
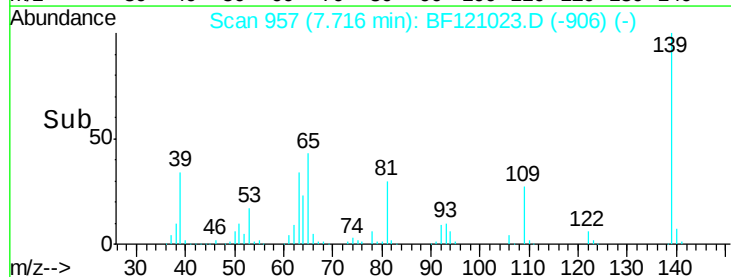
65 43.4 35.3 52.9

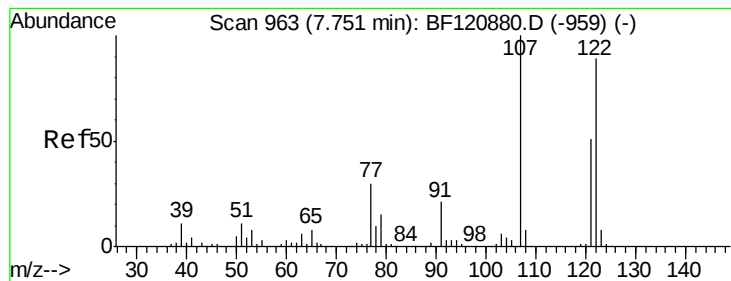


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.300 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

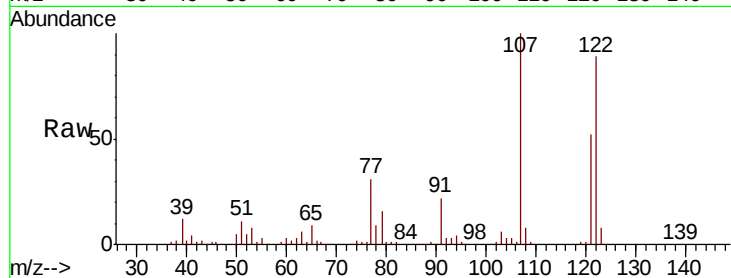
Tot Ion:122 Resp: 374457

Ion Ratio Lower Upper

122 100

107 112.1 89.4 134.0

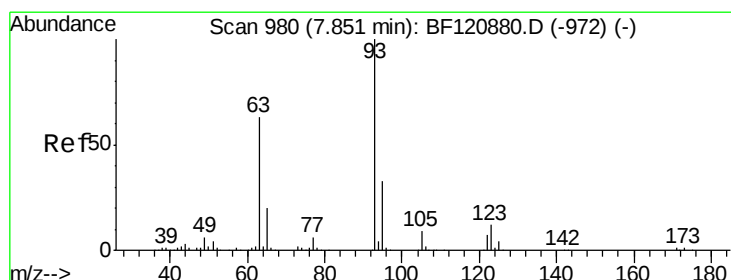
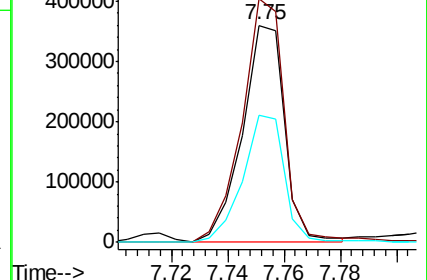
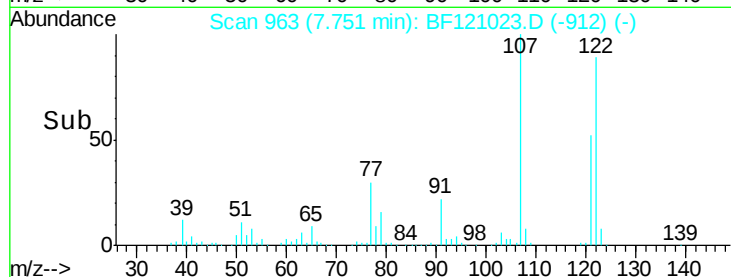
121 58.7 46.0 69.0



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: 39.674 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

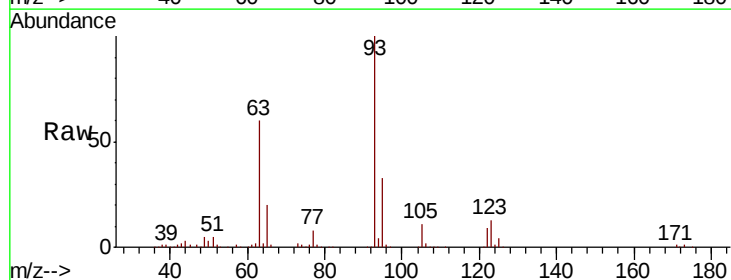
Tgt Ion: 93 Resp: 527291

Ion Ratio Lower Upper

93 100

95 33.0 26.6 39.8

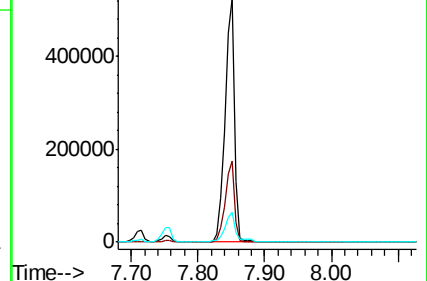
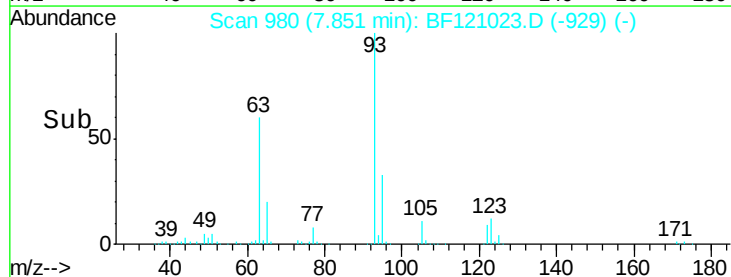
123 12.5 10.0 15.0



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

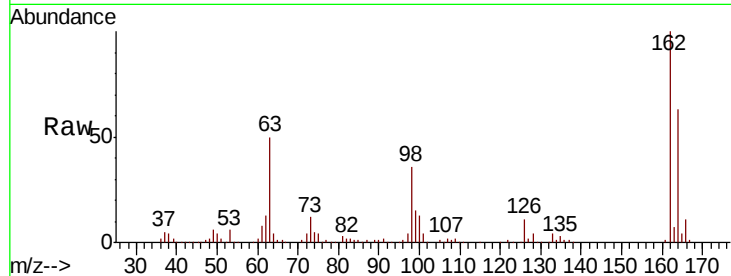




#29
2,4-Dichlorophenol
Concen: 38.888 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Instrument :
BNA_F
ClientSampleId :
PB130459BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.3	85.3
98	36.4	13.3	53.3

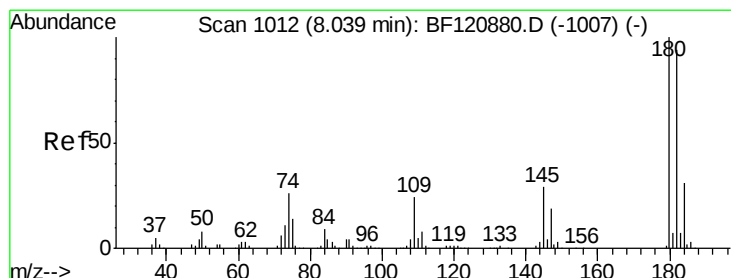
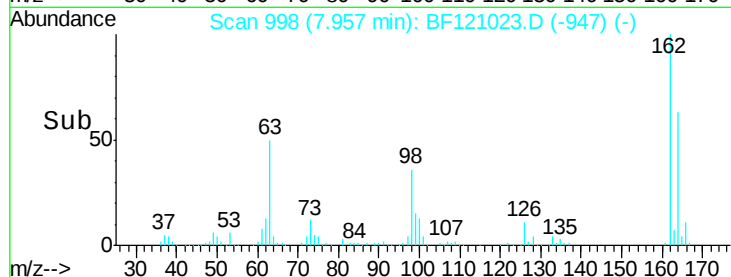
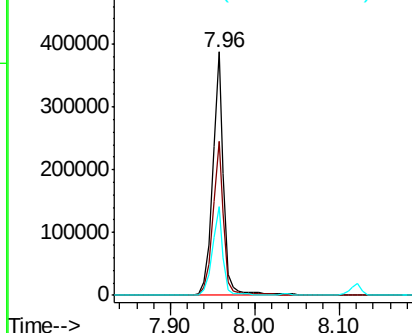


Abundance

Ion 162.00 (161.70 to 162.70): E

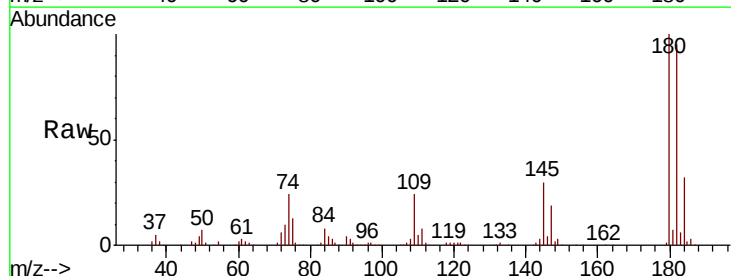
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.775 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.0	112.6
145	29.7	23.5	35.3

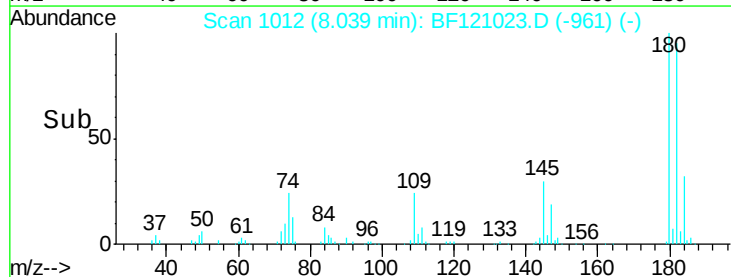
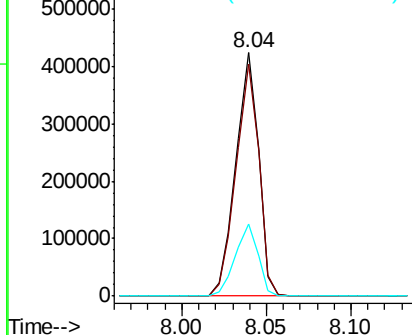


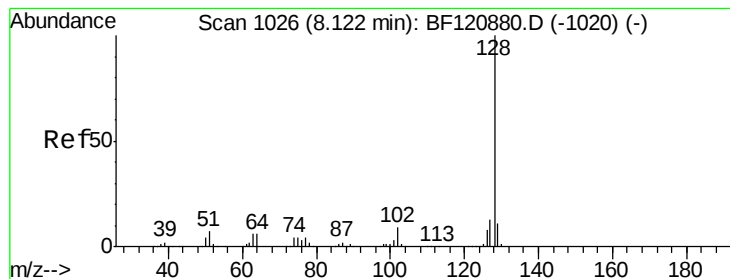
Abundance

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: 38.111 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

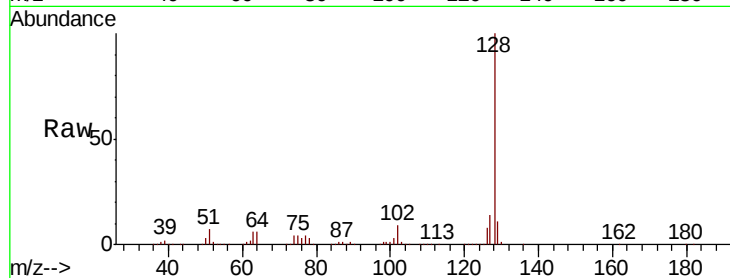
Tot Ion:128 Resp: 1234063

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

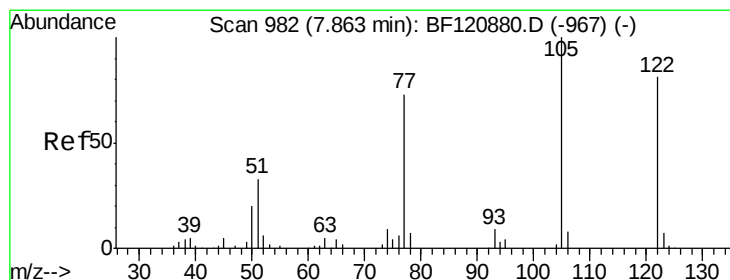
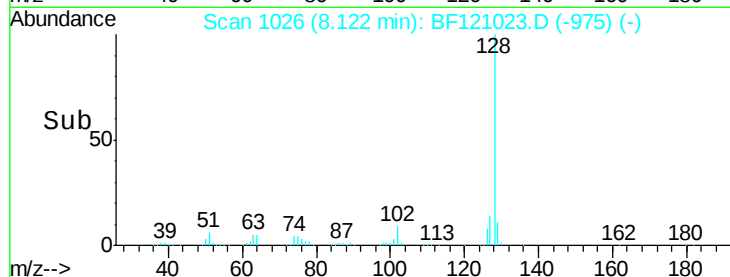
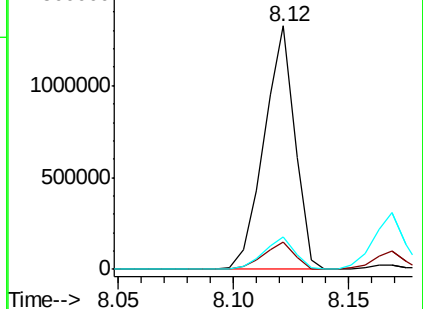
127 13.6 10.7 16.1



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: 37.473 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

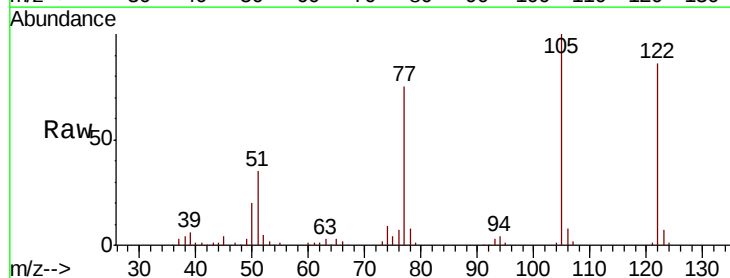
Tgt Ion:122 Resp: 255046

Ion Ratio Lower Upper

122 100

105 116.7 101.3 141.3

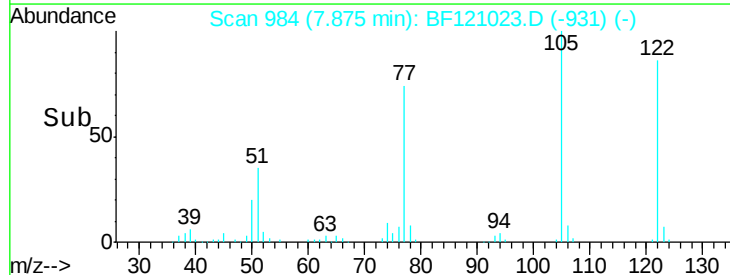
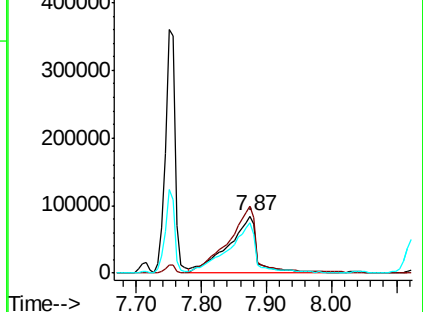
77 87.5 69.1 109.1

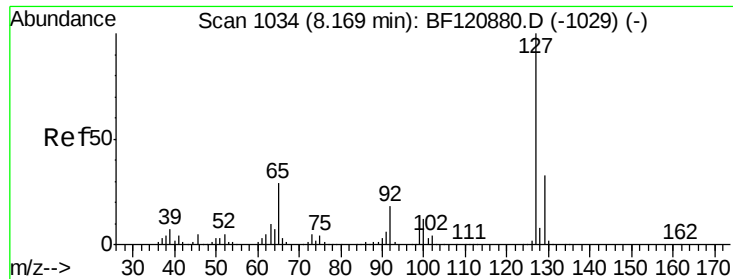


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

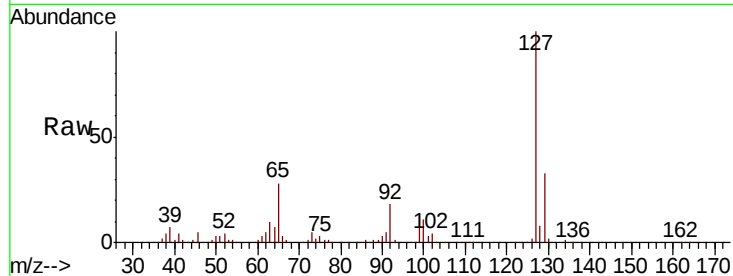




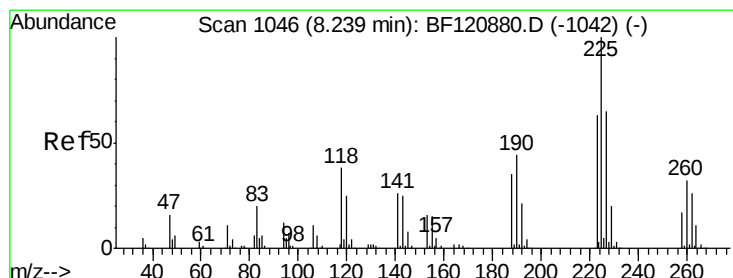
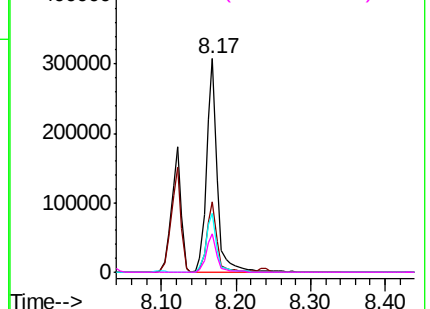
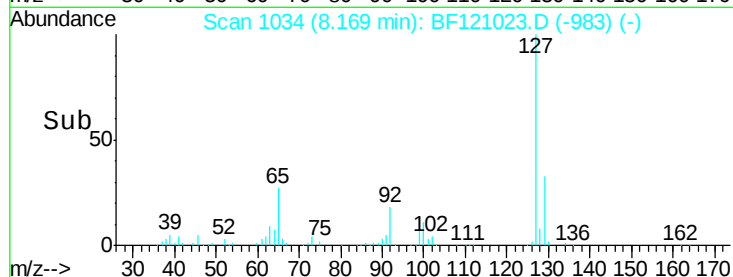
#33
4-Chloroaniline
Concen: 21.248 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Instrument :
BNA_F
ClientSampleId :
PB130459BS

Tot Ion:	127	Resp:	306923
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	27.6	23.0	34.4
92	17.9	14.5	21.7

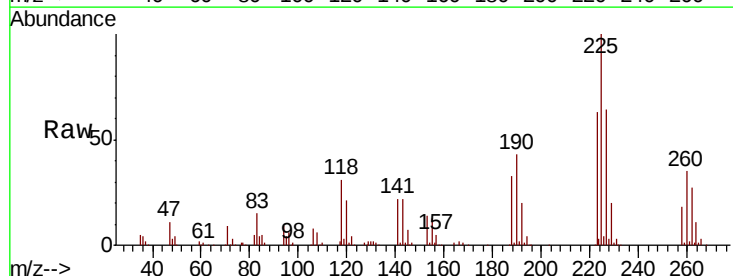


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

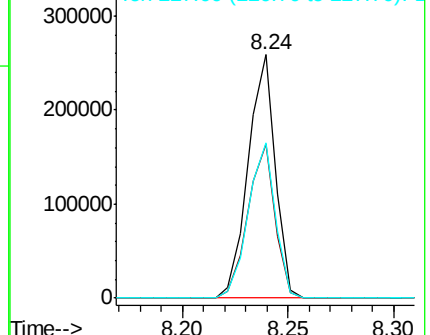
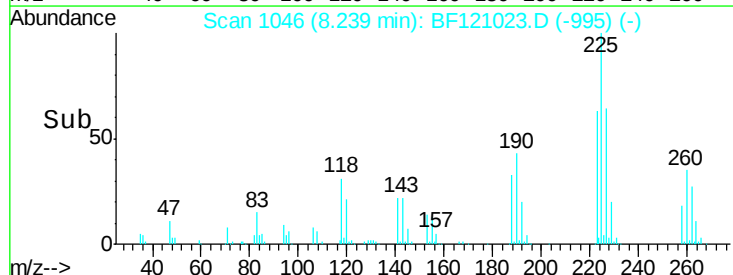


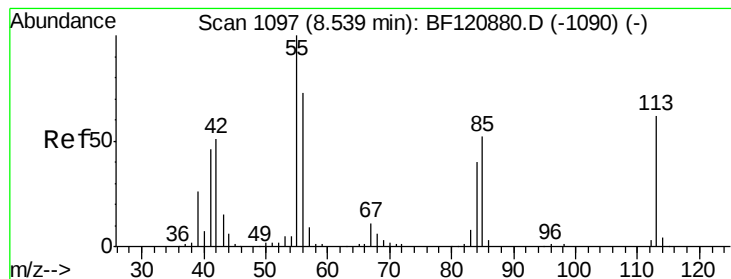
#34
Hexachlorobutadiene
Concen: 38.131 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion:	225	Resp:	231058
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.8	52.2	78.2



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





#35

Caprolactam

Concen: 36.879 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

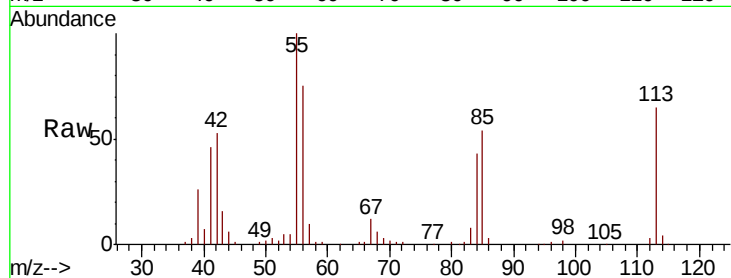
Tot Ion:113 Resp: 109571

Ion Ratio Lower Upper

113 100

55 153.7 143.3 183.3

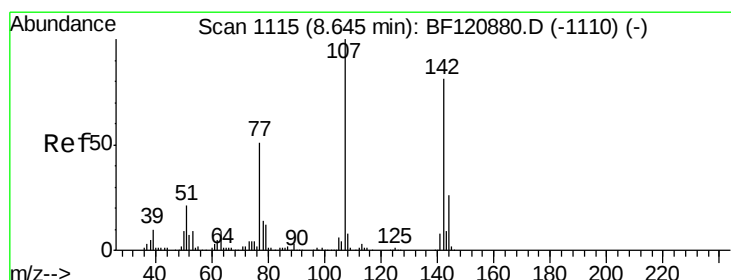
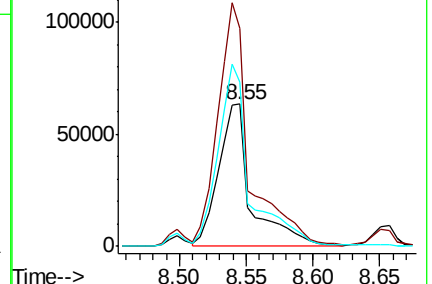
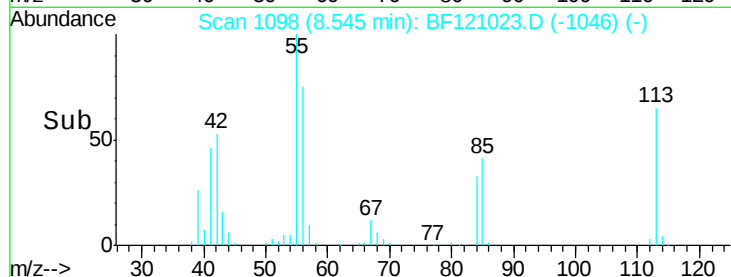
56 115.7 99.4 139.4



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: 38.631 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

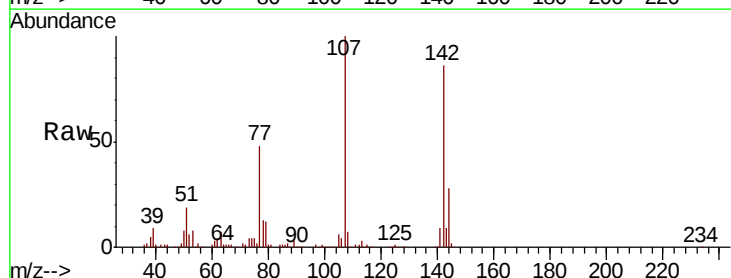
Tgt Ion:107 Resp: 367071

Ion Ratio Lower Upper

107 100

144 28.3 21.0 31.6

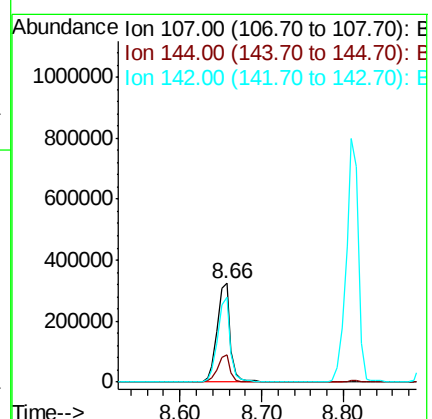
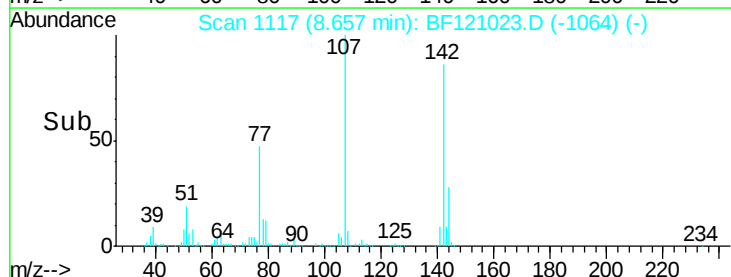
142 86.2 65.0 97.6

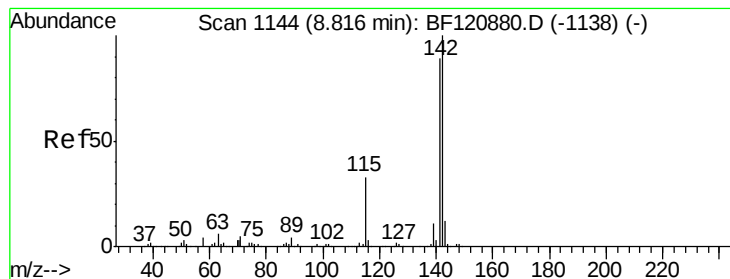


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.181 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

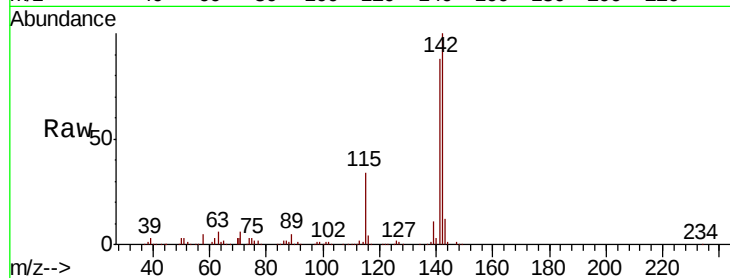
Tot Ion:142 Resp: 823769

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.4

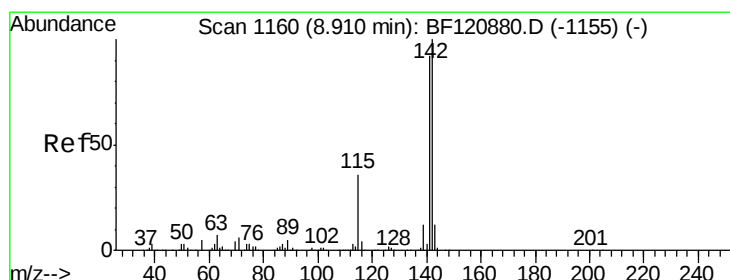
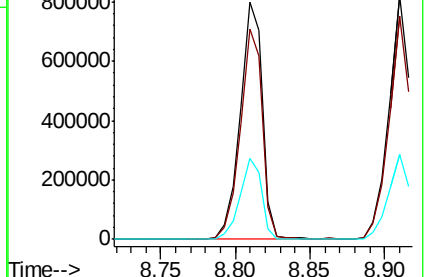
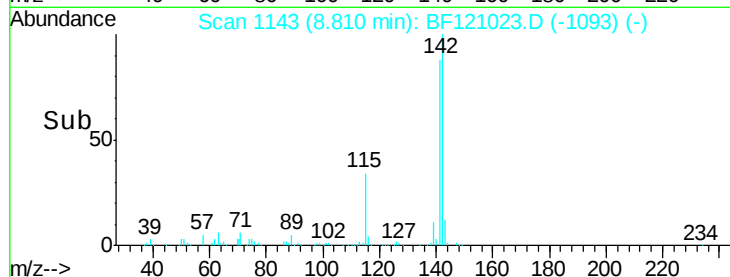
115 34.1 26.0 39.0



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: 38.711 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

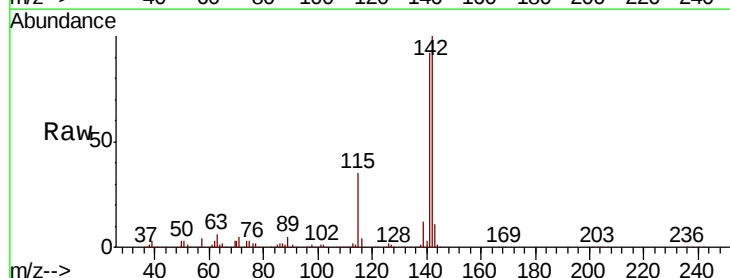
Tgt Ion:142 Resp: 770823

Ion Ratio Lower Upper

142 100

141 91.5 73.7 110.5

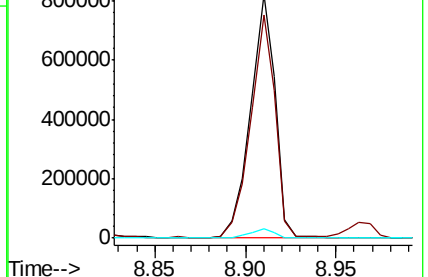
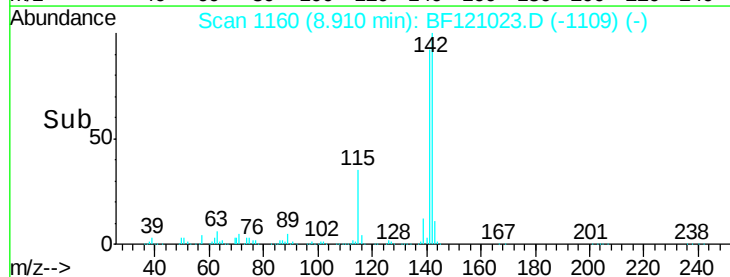
116 3.6 3.0 4.6

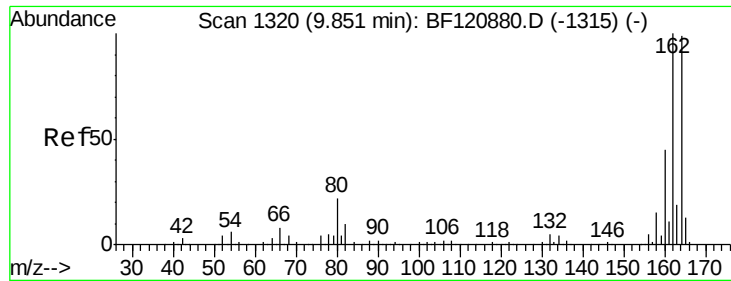


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

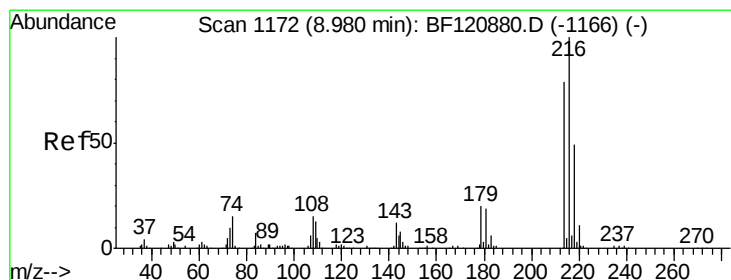
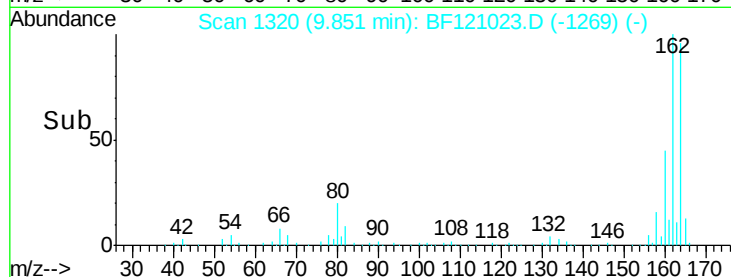
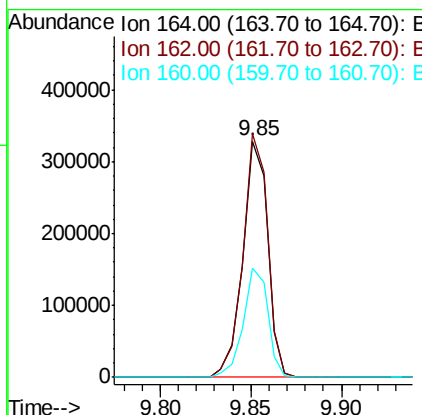
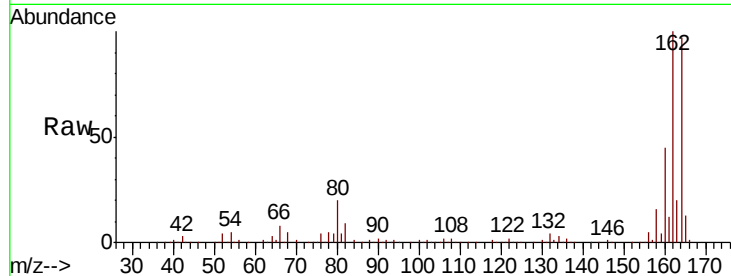




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

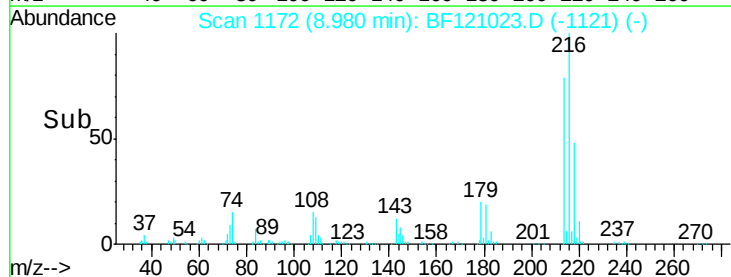
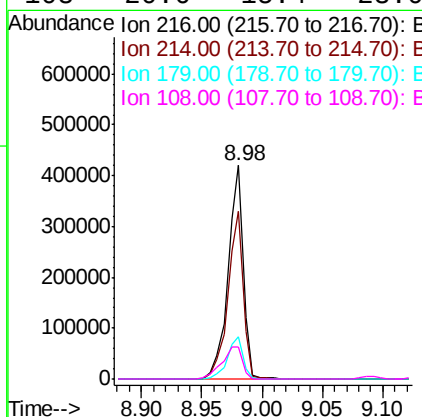
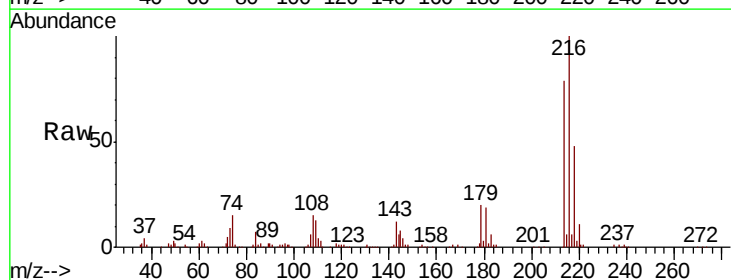
Instrument :
BNA_F
ClientSampleId :
PB130459BS

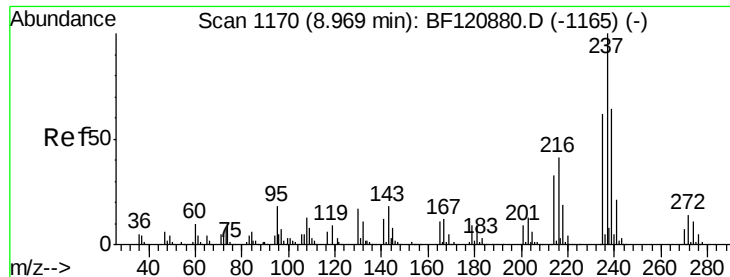
Tot Ion:164 Resp: 314965
Ion Ratio Lower Upper
164 100
162 102.9 81.2 121.8
160 46.3 36.9 55.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.010 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion:216 Resp: 367166
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.8
179 20.2 16.6 24.8
108 20.6 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 84.539 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

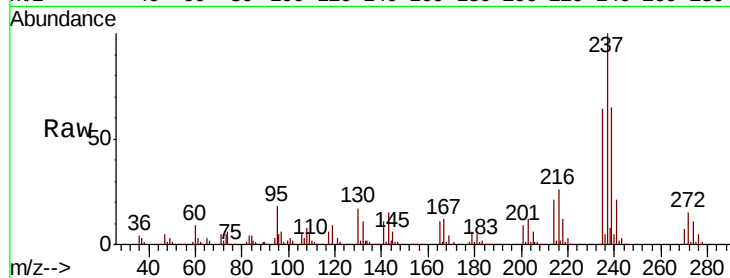
Tot Ion:237 Resp: 428763

Ion Ratio Lower Upper

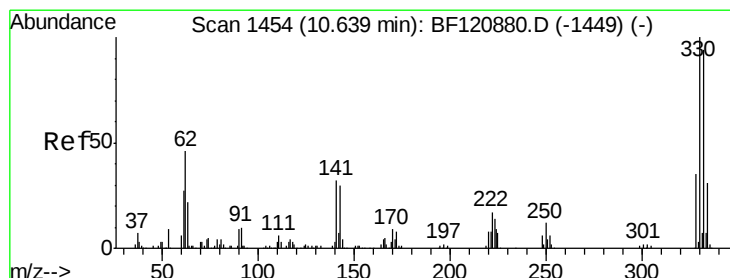
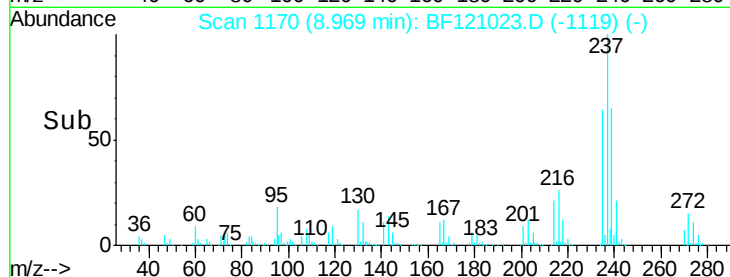
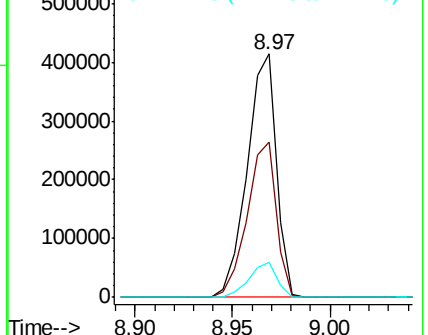
237 100

235 63.6 41.6 81.6

272 14.6 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: 108.409 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

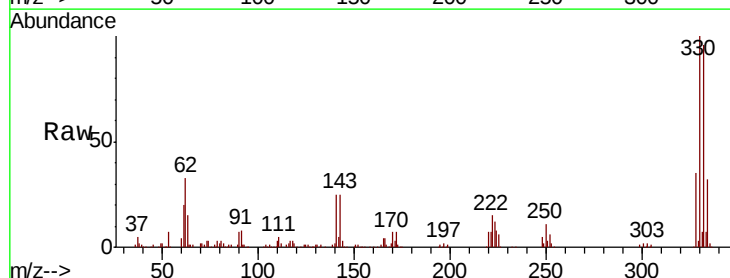
Tgt Ion:330 Resp: 373751

Ion Ratio Lower Upper

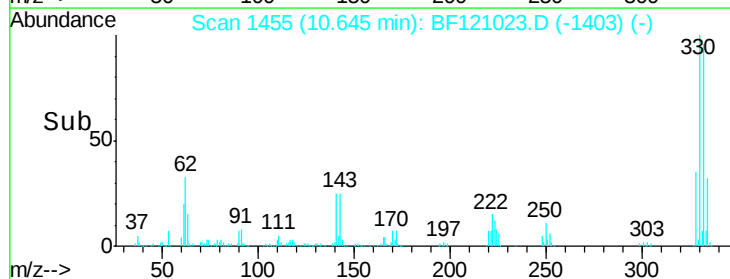
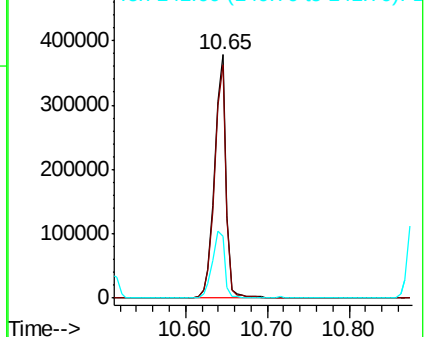
330 100

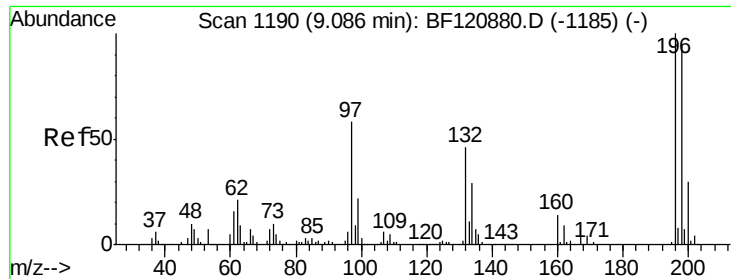
332 95.5 75.5 113.3

141 29.7 25.7 38.5



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

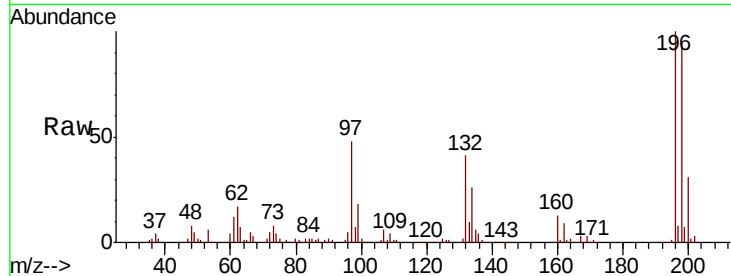




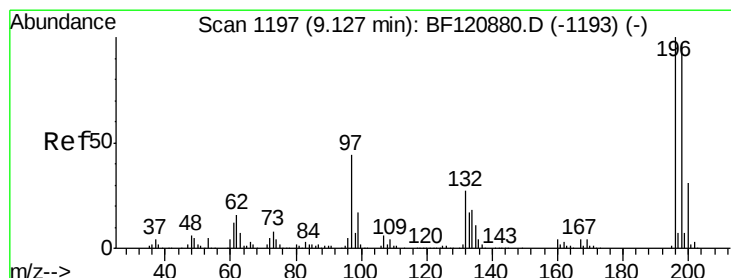
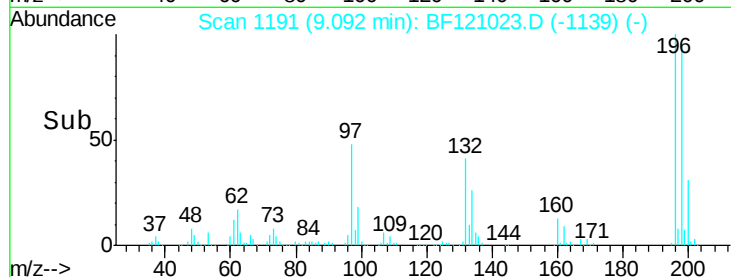
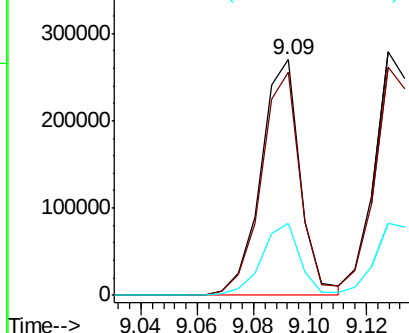
#43
 2,4,6-Trichlorophenol
 Concen: 40.279 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130459BS

Tot Ion:196 Resp: 260252
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 30.9 24.4 36.6



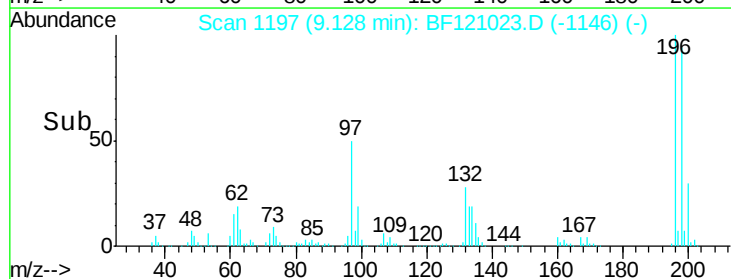
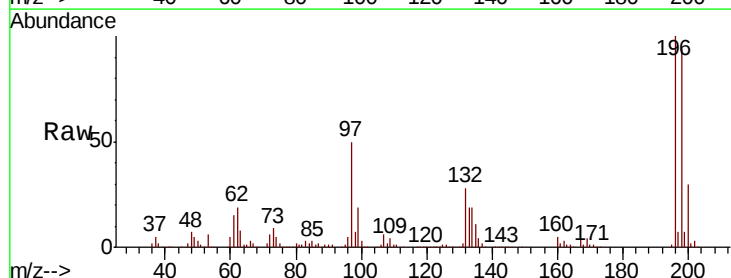
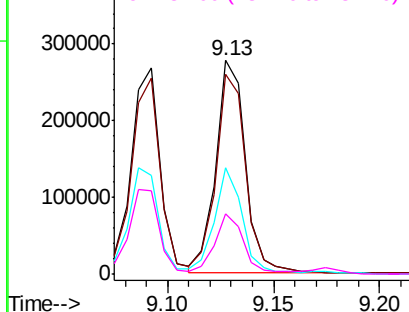
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

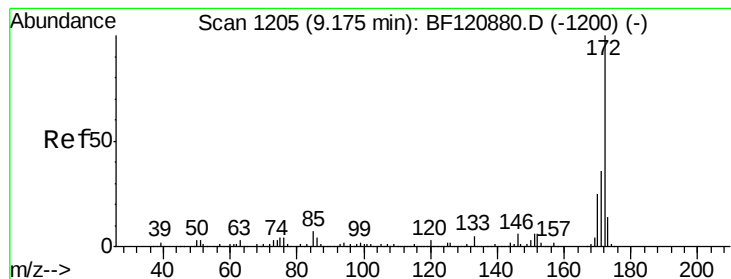


#44
 2,4,5-Trichlorophenol
 Concen: 36.883 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Tgt Ion:196 Resp: 270326
 Ion Ratio Lower Upper
 196 100
 198 93.6 77.6 116.4
 97 49.6 35.6 53.4
 132 28.3 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: 70.228 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

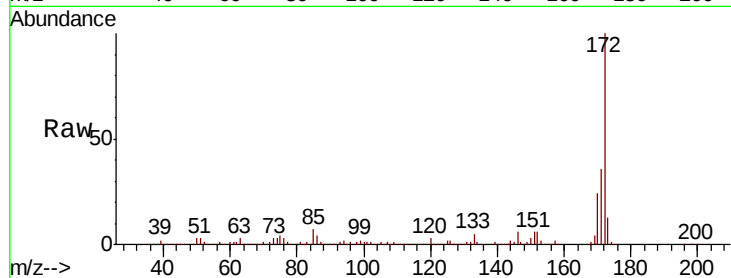
BNA_F

ClientSampleId :

PB130459BS

Tot Ion:172 Resp: 1481487

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.4	19.6	29.4

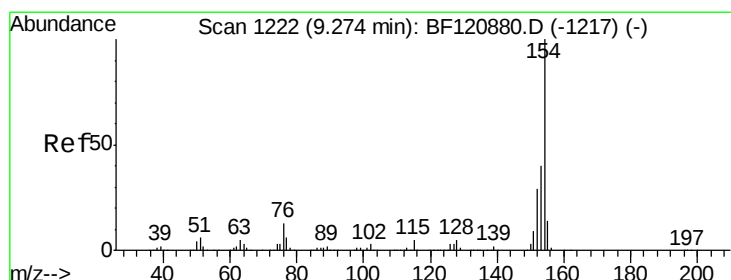
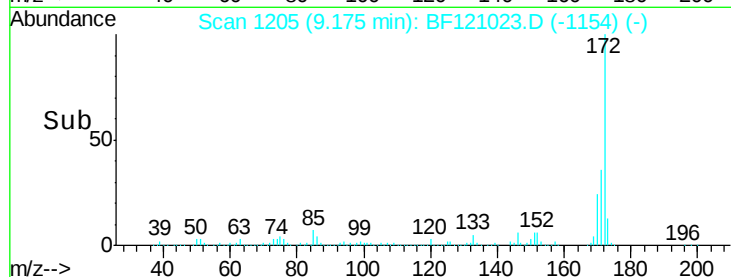
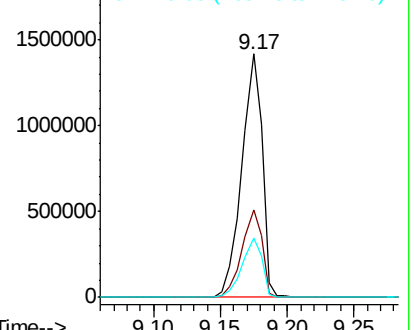


Abundance

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: 40.895 ng

RT: 9.27 min Scan# 1222

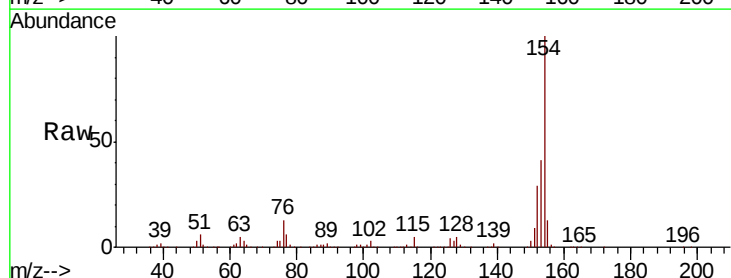
Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Tgt Ion:154 Resp: 982525

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	13.0	0.0	33.1

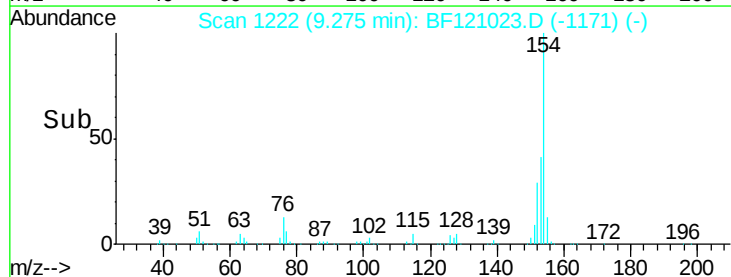
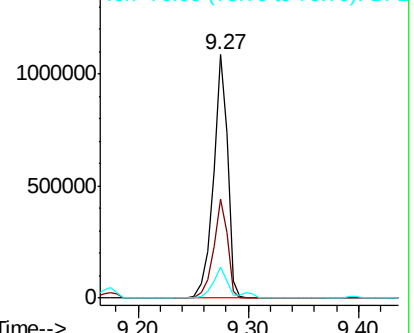


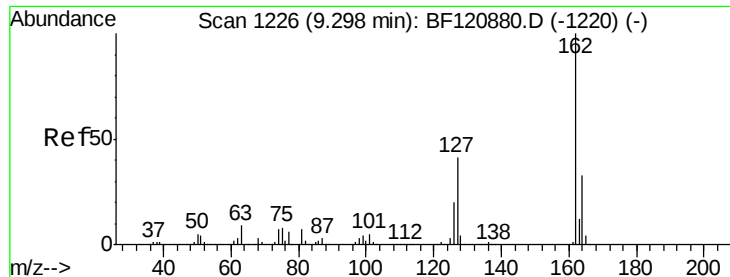
Abundance

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

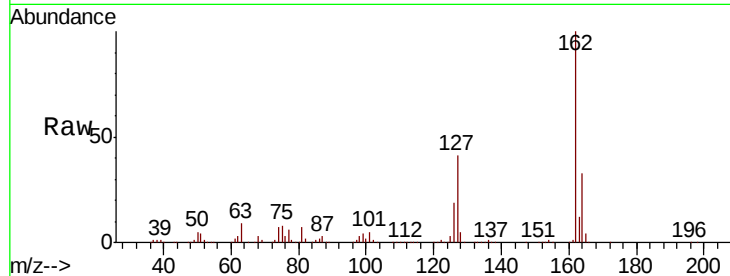




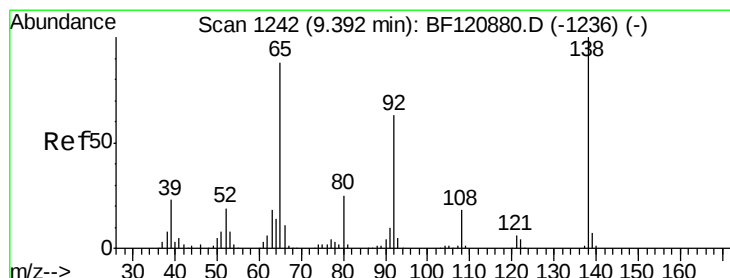
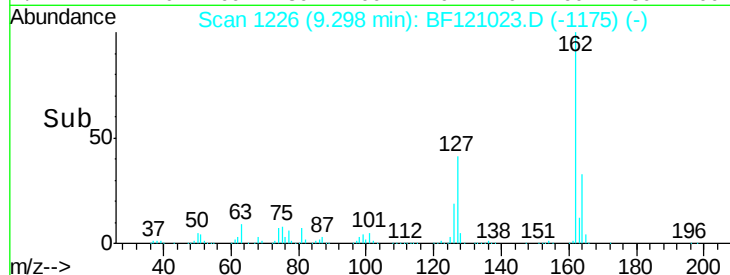
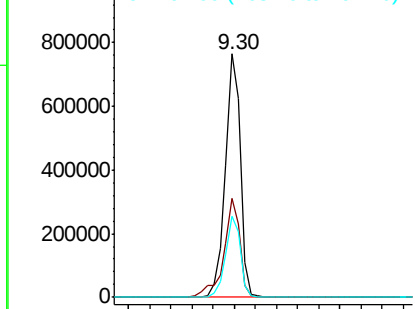
#47
 2-Chloronaphthalene
 Concen: 38.751 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130459BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.3	49.9
164	33.3	26.6	39.8

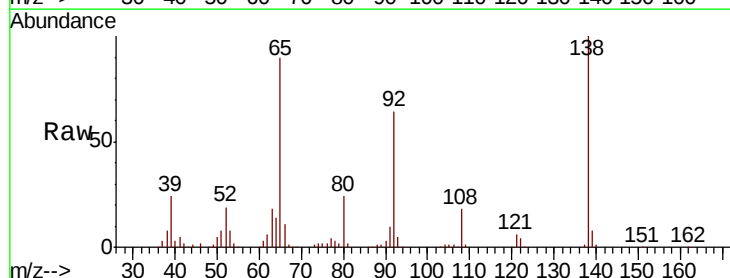


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

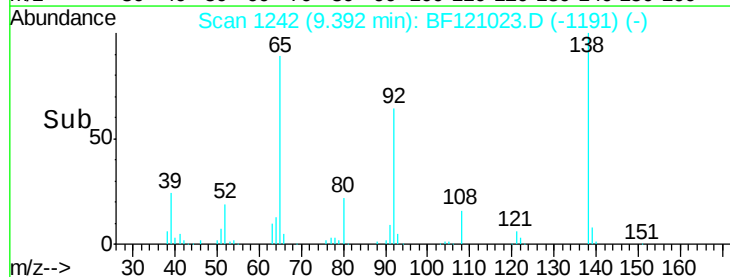
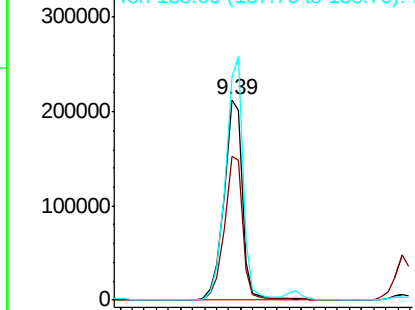


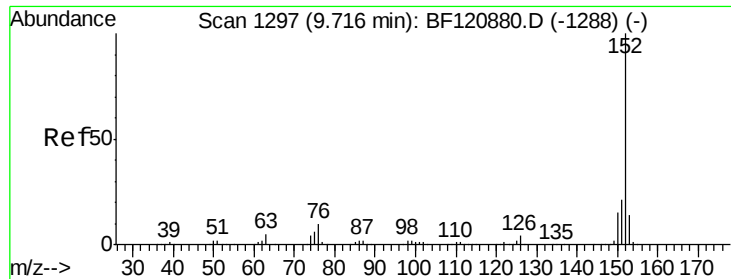
#48
 2-Nitroaniline
 Concen: 38.239 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	57.0	85.4
138	111.3	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: 39.550 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

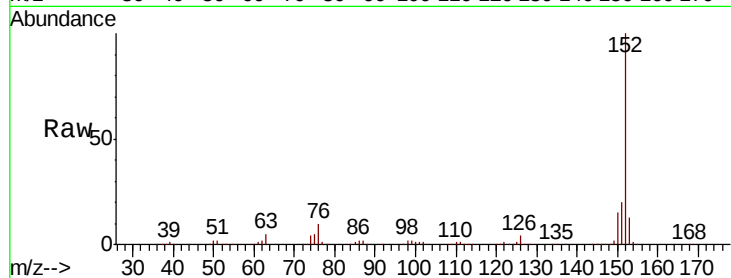
Tot Ion:152 Resp: 1203522

Ion Ratio Lower Upper

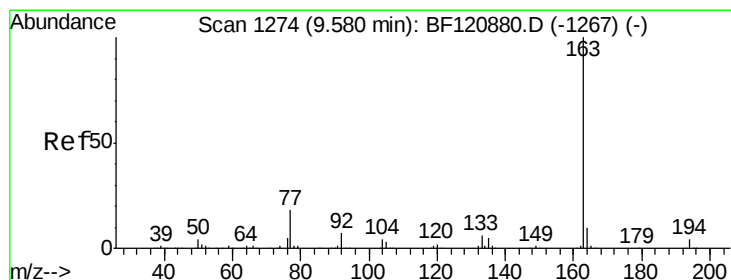
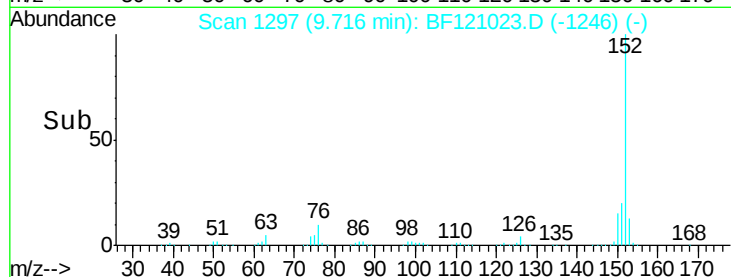
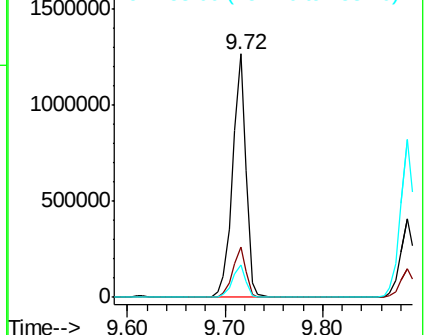
152 100

151 20.5 16.6 25.0

153 13.3 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: 38.279 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

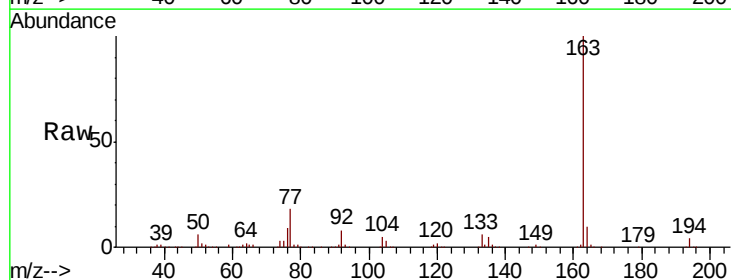
Tgt Ion:163 Resp: 869814

Ion Ratio Lower Upper

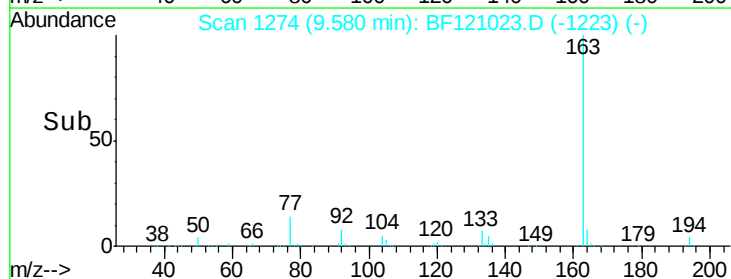
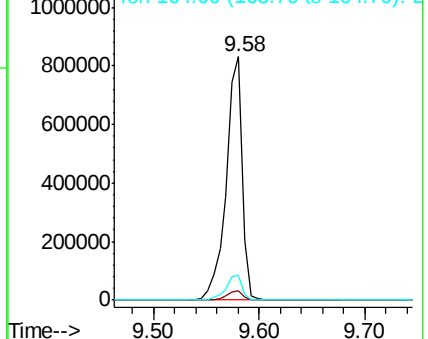
163 100

194 3.9 3.2 4.8

164 10.0 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: 39.735 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

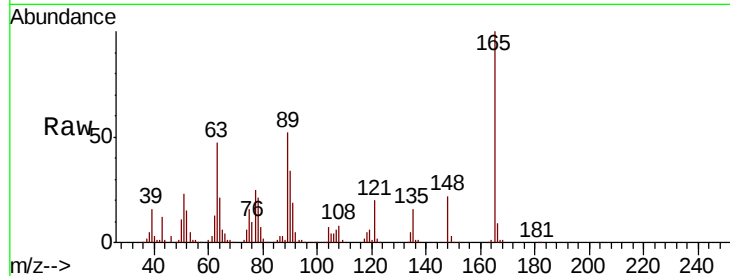
Tot Ion:165 Resp: 193979

Ion Ratio Lower Upper

165 100

63 47.5 45.4 68.2

89 52.2 47.0 70.4

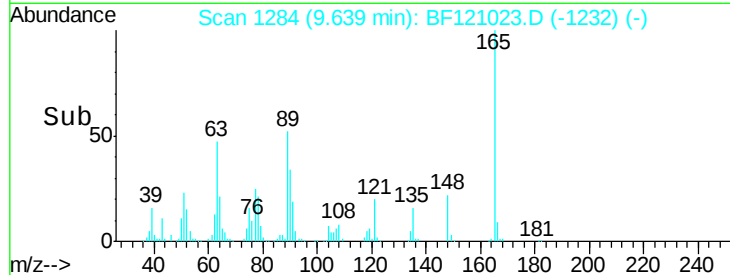


Abundance Ion 165.00 (164.70 to 165.70): E

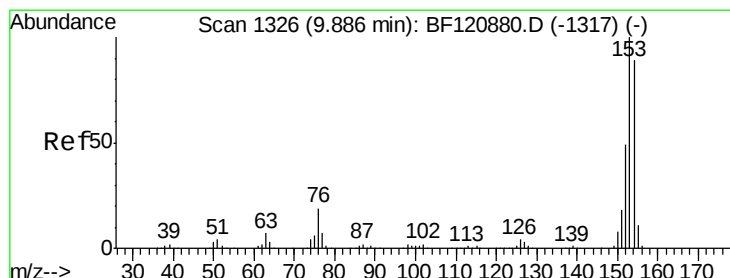
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 36.073 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

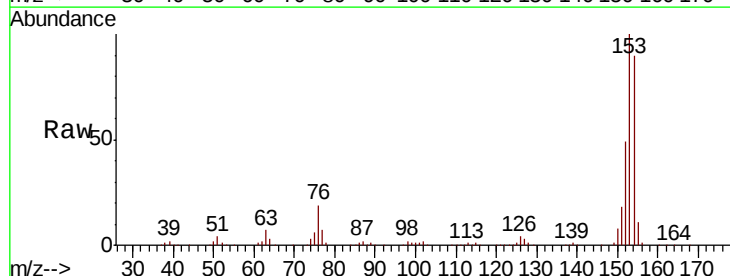
Tgt Ion:154 Resp: 697907

Ion Ratio Lower Upper

154 100

153 111.7 89.5 134.3

152 55.2 44.2 66.2

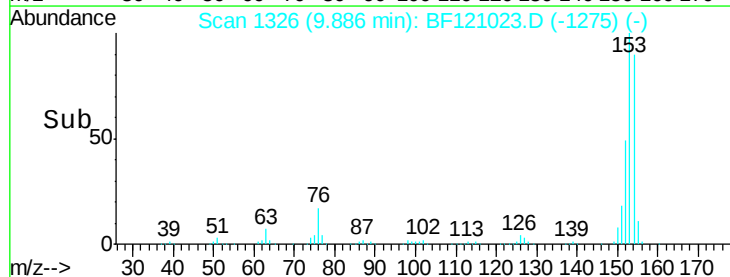


Abundance Ion 154.00 (153.70 to 154.70): E

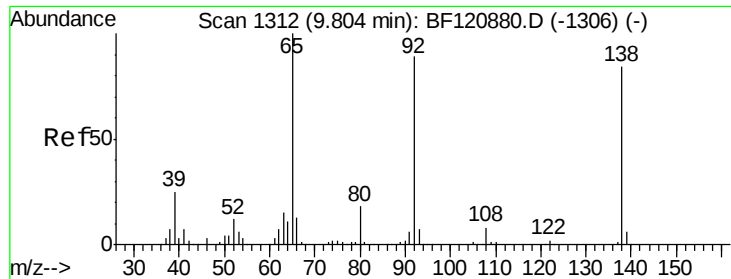
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



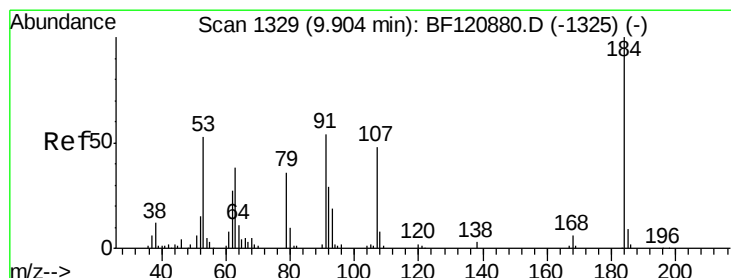
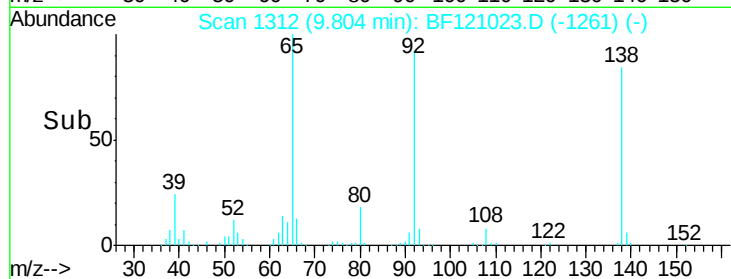
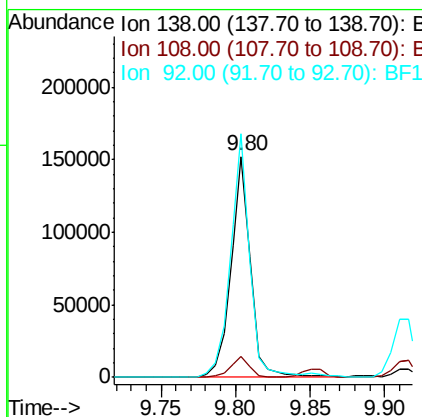
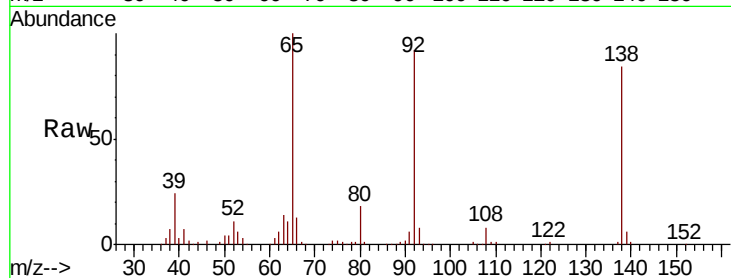
Time-->



#53
3-Nitroaniline
Concen: 23.061 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

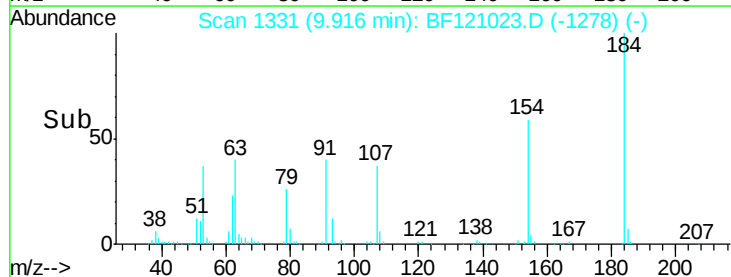
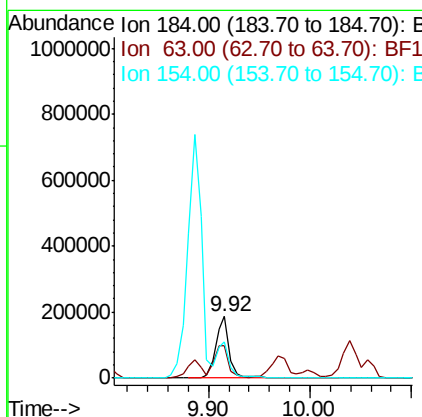
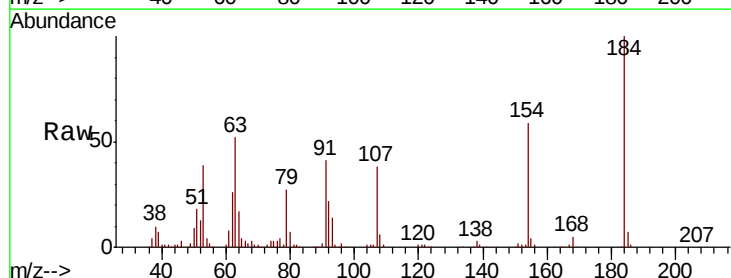
Instrument :
BNA_F
ClientSampleId :
PB130459BS

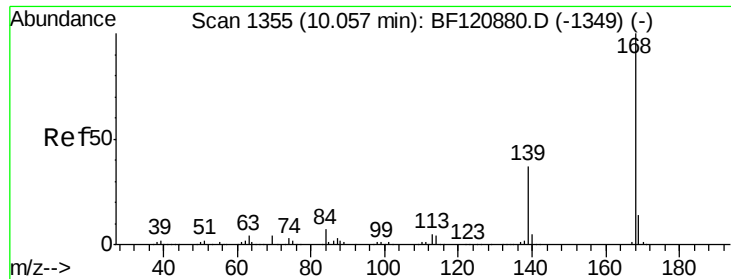
Tot Ion:138 Resp: 141196
Ion Ratio Lower Upper
138 100
108 9.3 7.9 11.9
92 110.2 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 64.394 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion:184 Resp: 176848
Ion Ratio Lower Upper
184 100
63 52.5 57.9 86.9#
154 59.5 52.6 78.8

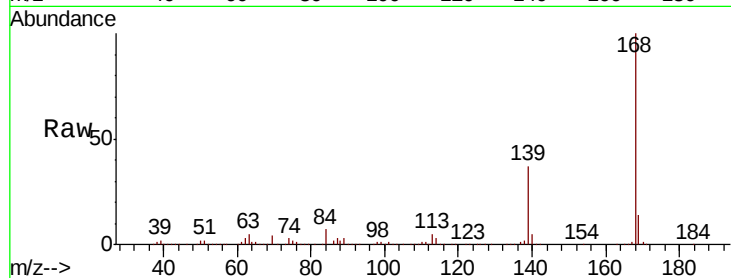




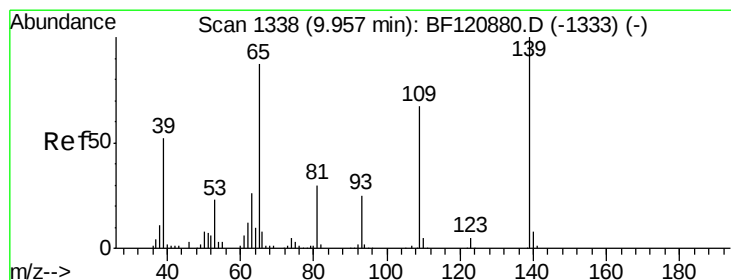
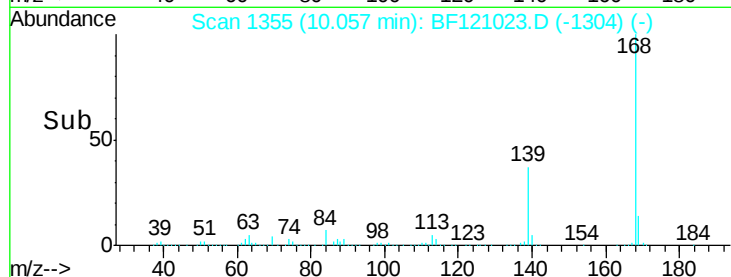
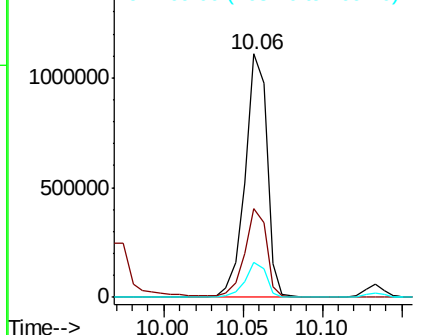
#55
Dibenzenofuran
Concen: 37.840 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Instrument :
BNA_F
ClientSampleId :
PB130459BS

Tot Ion:168 Resp: 1058659
Ion Ratio Lower Upper
168 100
139 36.6 29.7 44.5
169 14.2 11.1 16.7

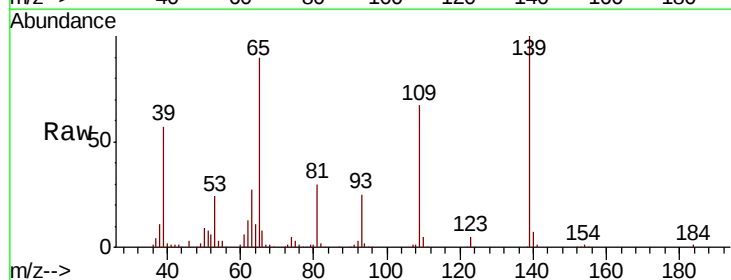


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

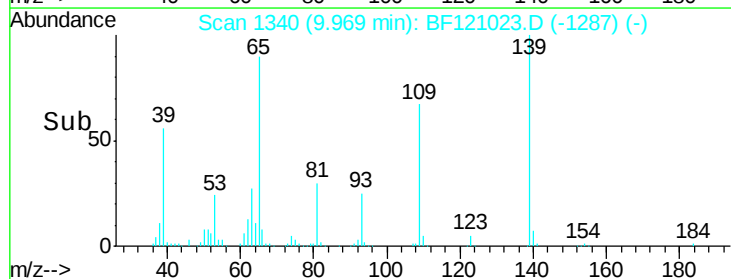
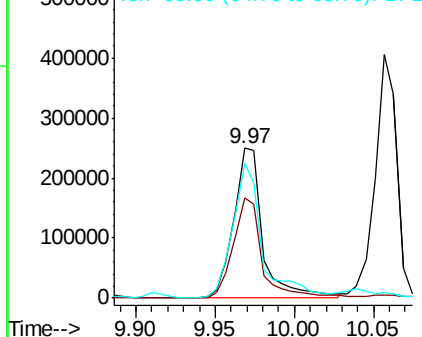


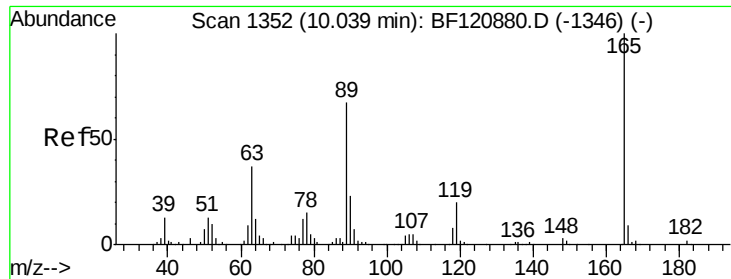
#56
4-Nitrophenol
Concen: 68.564 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion:139 Resp: 318887
Ion Ratio Lower Upper
139 100
109 67.4 47.3 87.3
65 90.4 67.2 107.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

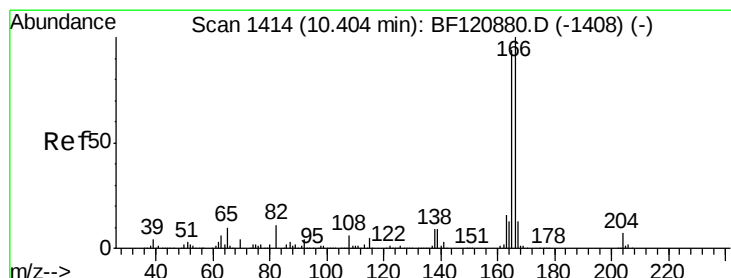
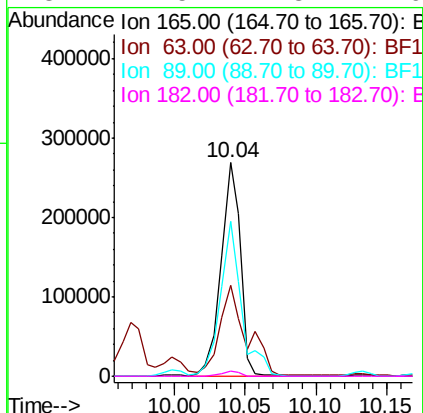
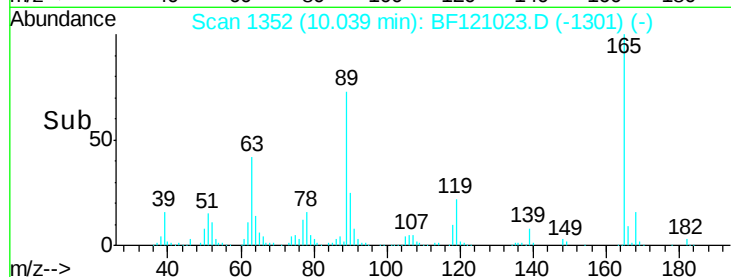
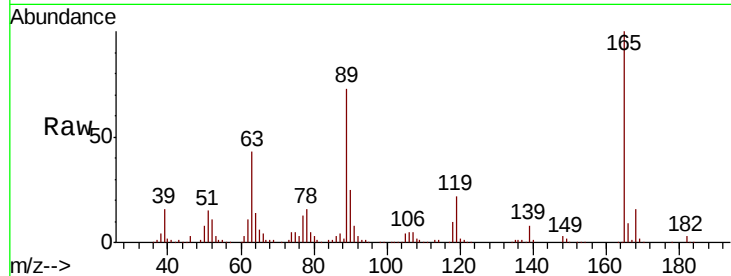




#57
2,4-Dinitrotoluene
Concen: 39.777 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

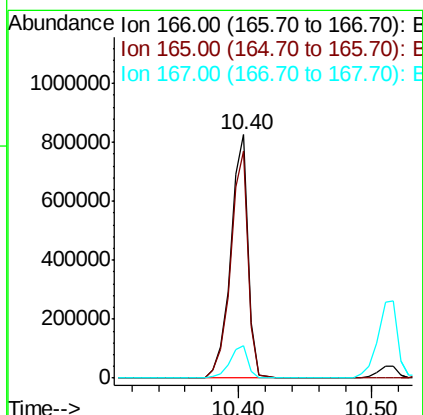
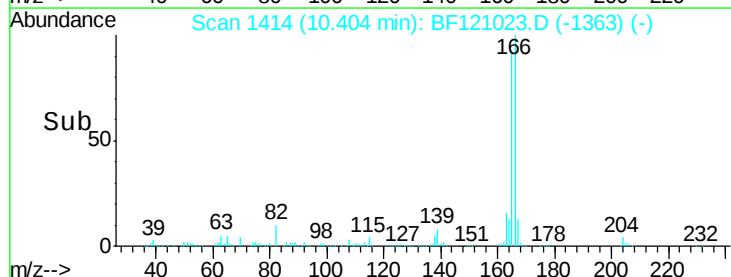
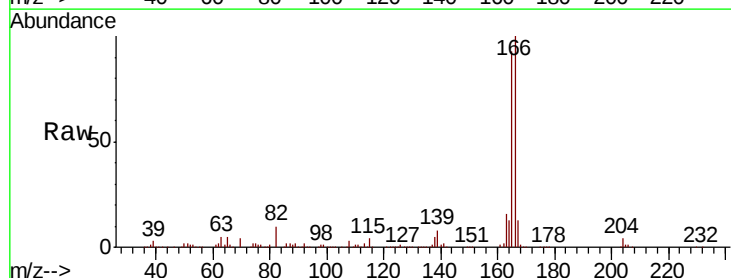
Instrument :
BNA_F
ClientSampleId :
PB130459BS

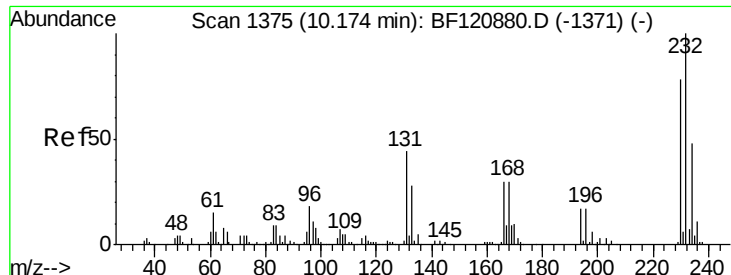
Tot Ion:165	Resp:	255002
Ion Ratio	Lower	Upper
165	100	
63	42.6	29.4 44.2
89	72.5	53.4 80.0
182	2.5	1.8 2.6



#58
Fluorene
Concen: 36.662 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion:166	Resp:	764997
Ion Ratio	Lower	Upper
166	100	
165	93.3	75.4 113.0
167	13.2	10.6 15.8

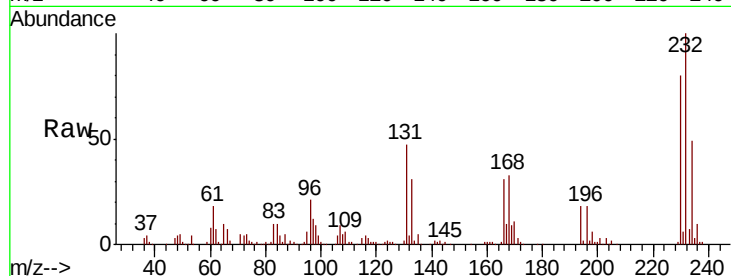




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.293 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130459BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	37.1	55.7
130	2.0	1.7	2.5
166	28.9	24.2	36.4



Abundance

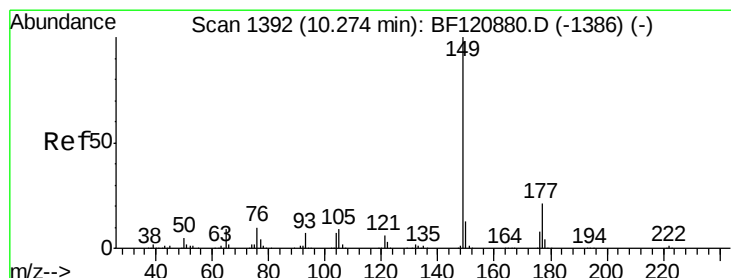
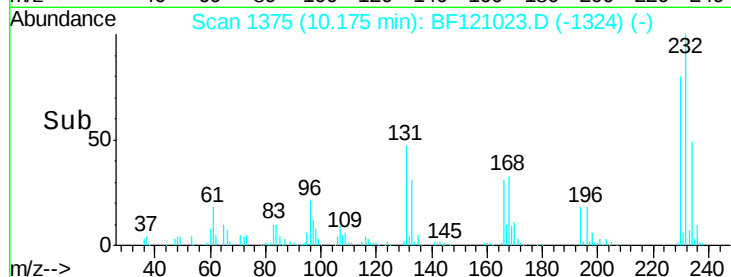
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

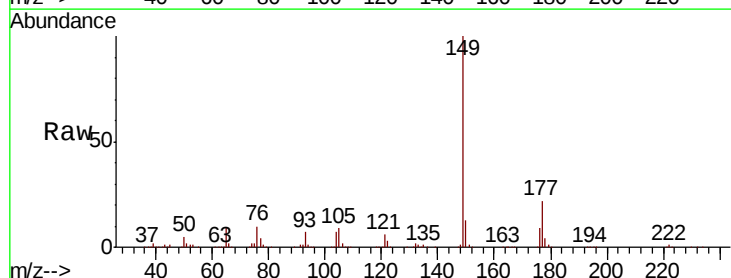
Ion 166.00 (165.70 to 166.70): E

Time-->



#60
 Diethylphthalate
 Concen: 37.318 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.1	25.7
150	12.7	10.3	15.5



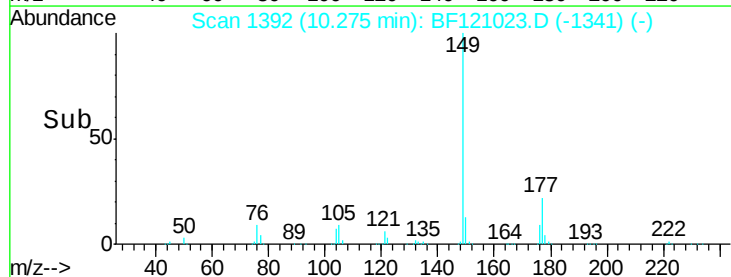
Abundance

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

Time-->

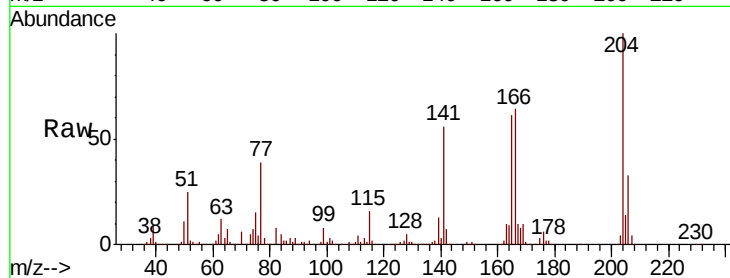




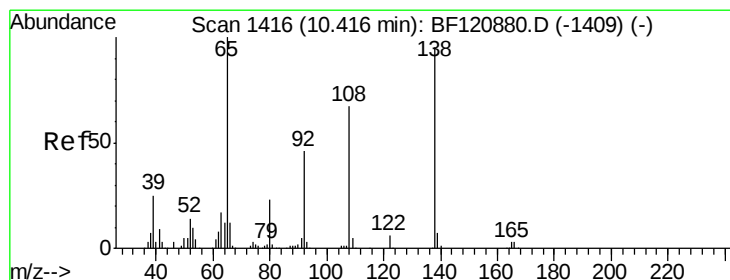
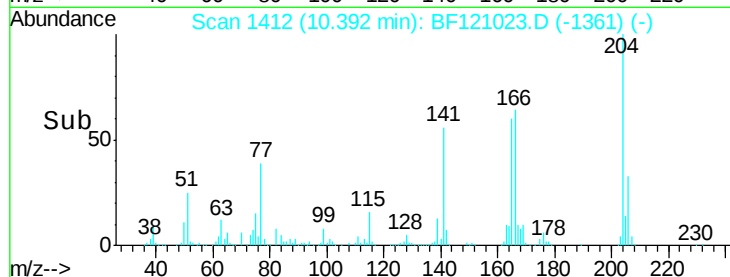
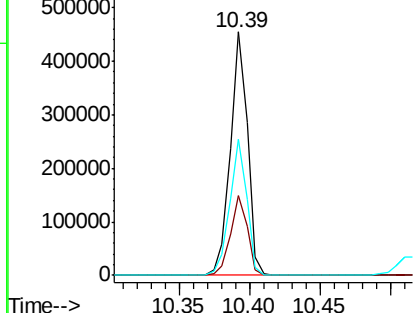
#61
4-Chlorophenyl-phenylether
Concen: 34.509 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Instrument :
BNA_F
ClientSampleId :
PB130459BS

Tot Ion:204 Resp: 384066
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 55.9 47.2 70.8

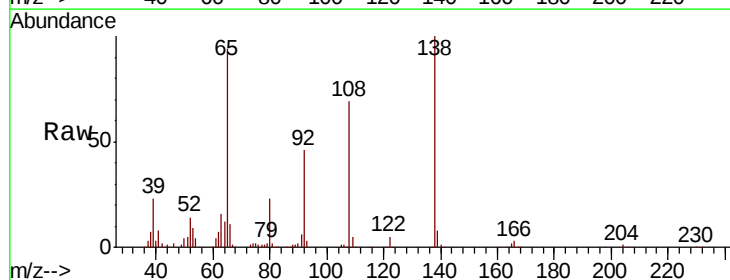


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

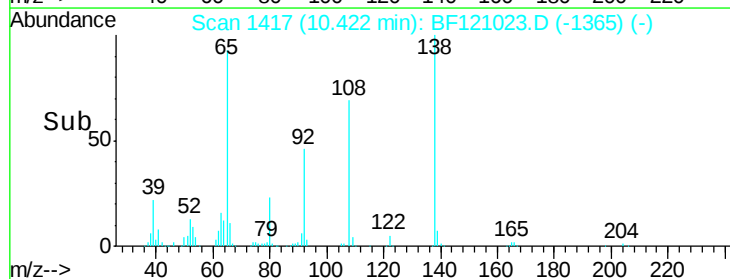
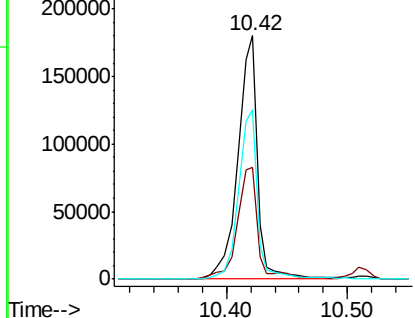


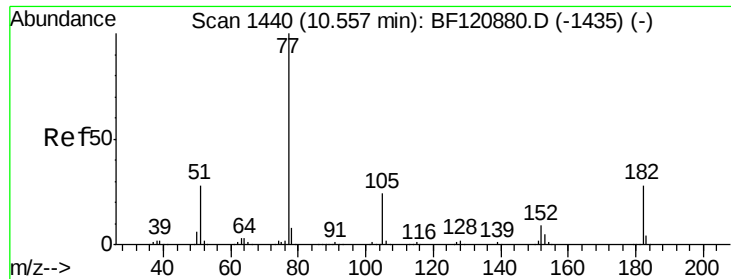
#62
4-Nitroaniline
Concen: 34.507 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion:138 Resp: 205802
Ion Ratio Lower Upper
138 100
92 45.9 28.6 68.6
108 69.3 51.1 91.1



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





#63

Azobenzene

Concen: 37.134 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

Tot Ion: 77 Resp: 812515

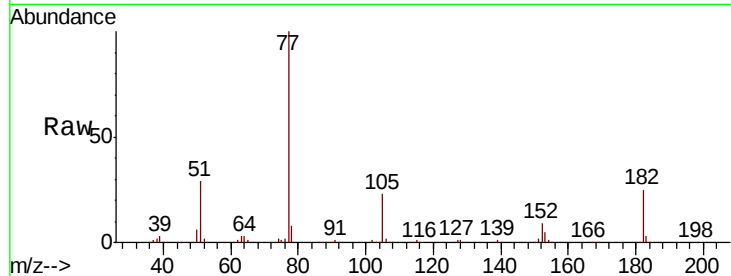
Ion Ratio Lower Upper

77 100

182 24.8 7.8 47.8

105 23.3 4.4 44.4

51 28.8 8.0 48.0

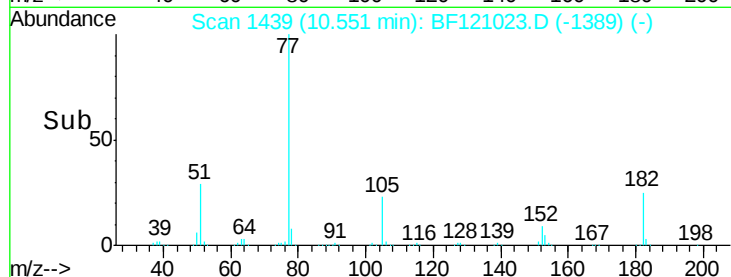


Abundance Ion 77.00 (76.70 to 77.70): BF1

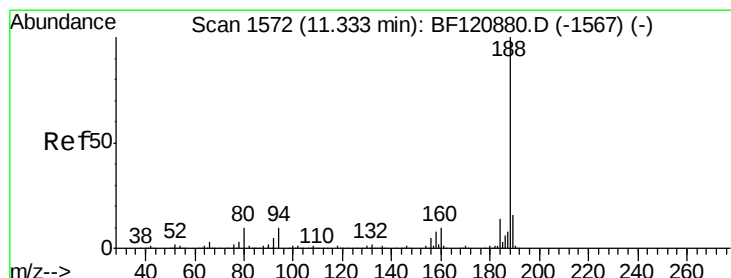
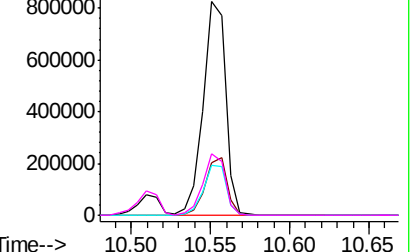
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

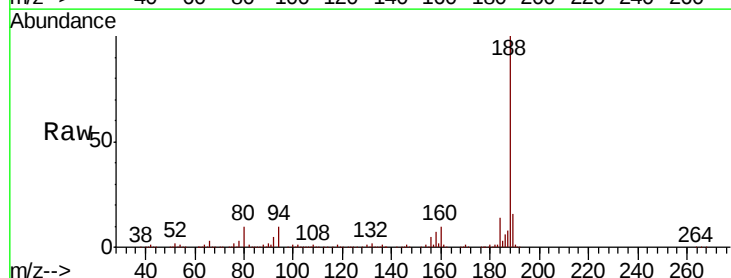
Tgt Ion: 188 Resp: 565918

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

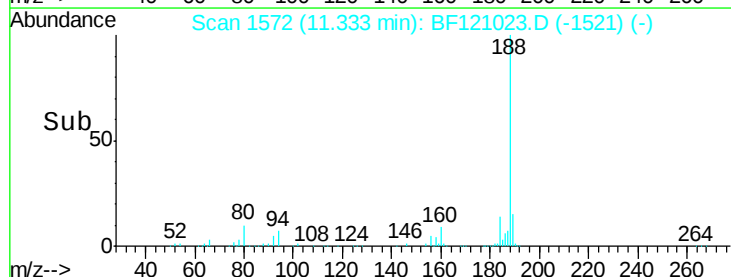
80 10.3 8.3 12.5



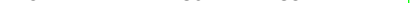
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

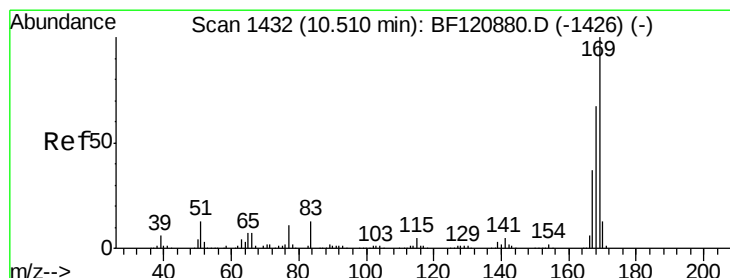
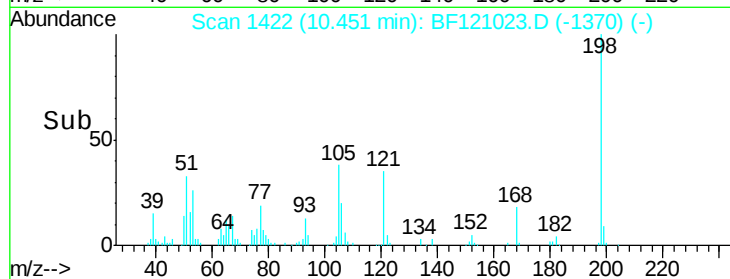
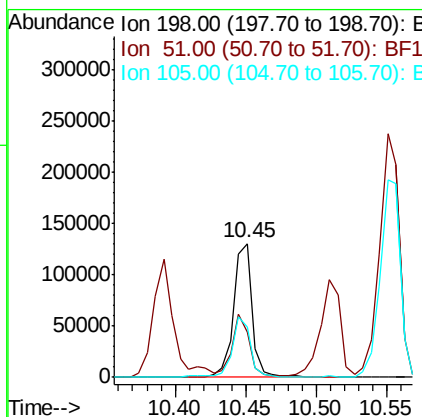
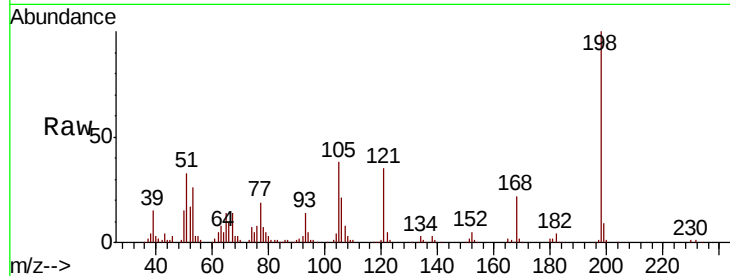




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.820 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

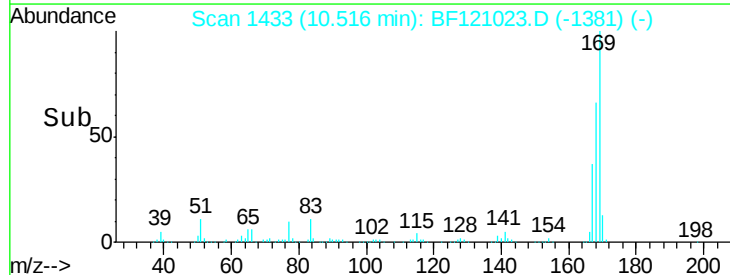
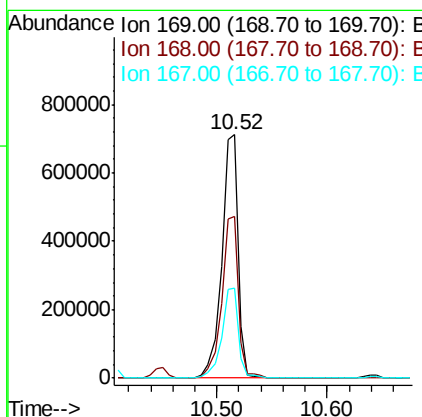
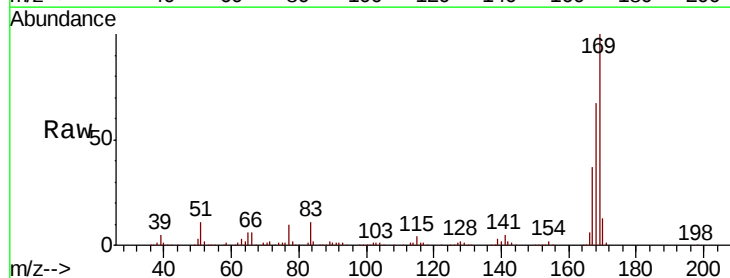
Instrument :
 BNA_F
 ClientSampleId :
 PB130459BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.5	19.5	59.5
105	37.8	24.4	64.4



#66
 n-Nitrosodiphenylamine
 Concen: 41.170 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.0
167	36.8	29.4	44.0

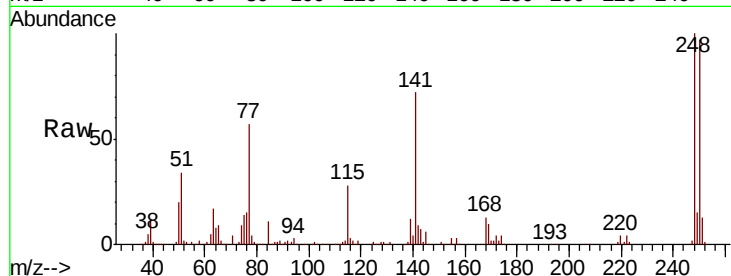




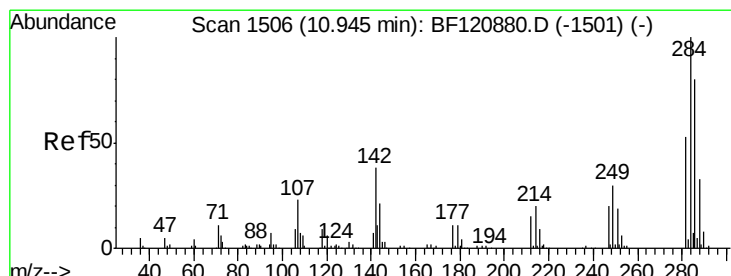
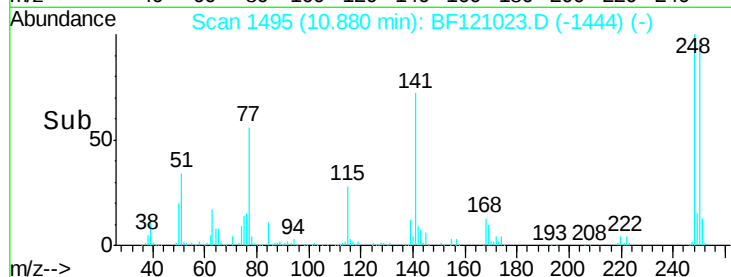
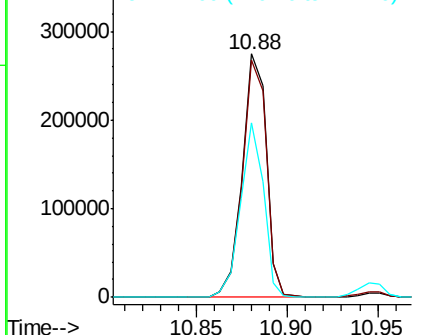
#67
4-Bromophenyl-phenylether
Concen: 40.241 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Instrument :
BNA_F
ClientSampleId :
PB130459BS

Tot Ion:248 Resp: 253900
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 71.9 61.2 91.8

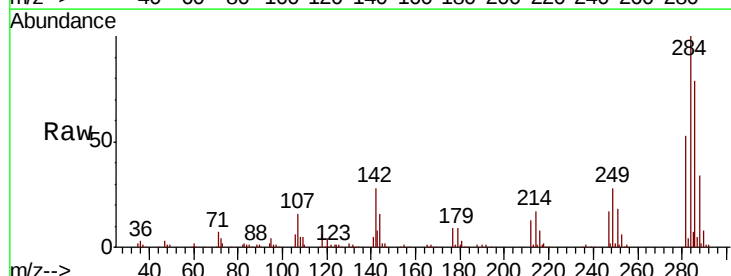


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

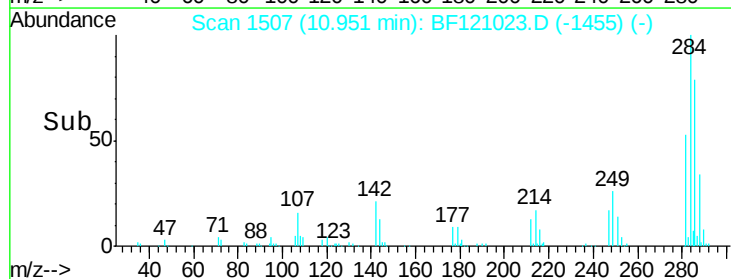
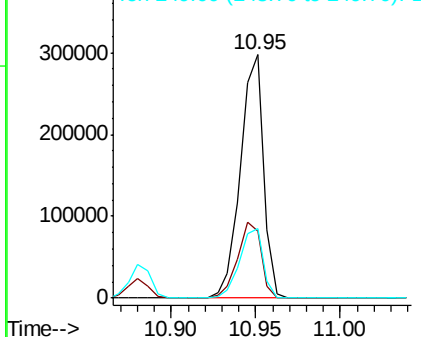


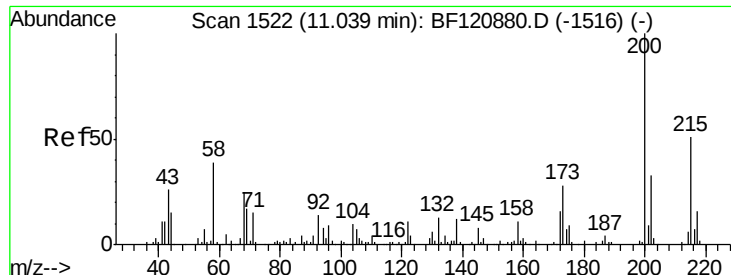
#68
Hexachlorobenzene
Concen: 41.663 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion:284 Resp: 284359
Ion Ratio Lower Upper
284 100
142 27.8 30.2 45.2#
249 28.4 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

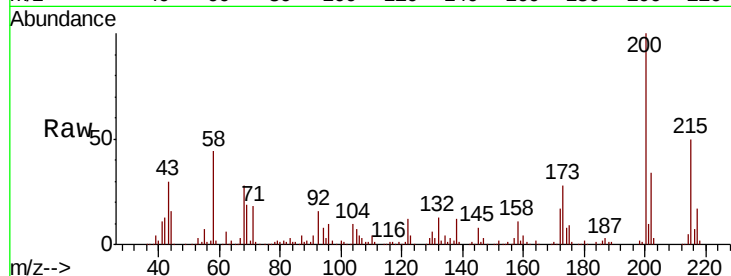




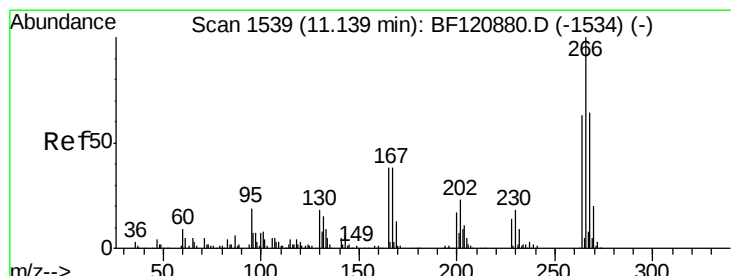
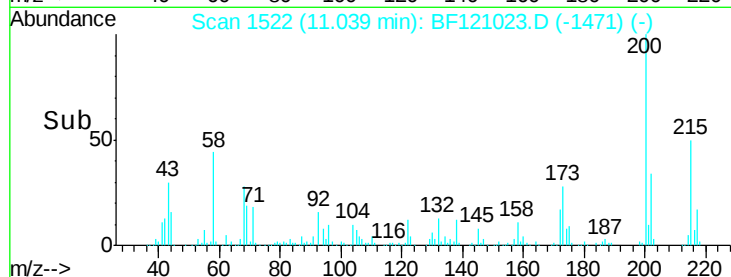
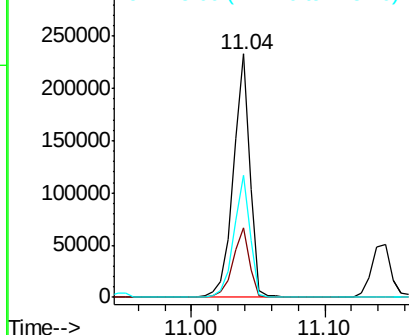
#69
 Atrazine
 Concen: 46.241 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130459BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.0	48.0
215	50.1	31.5	71.5

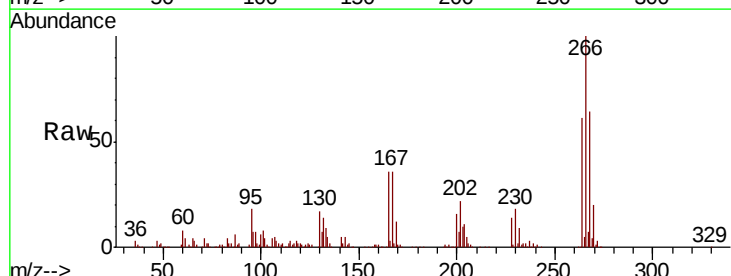


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

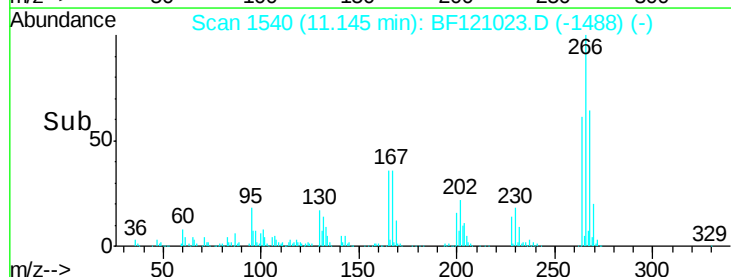
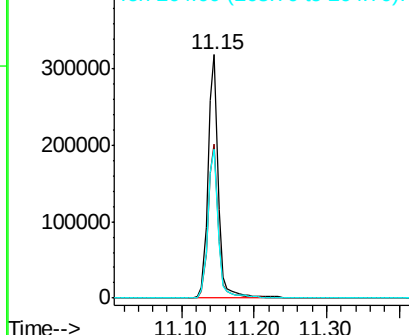


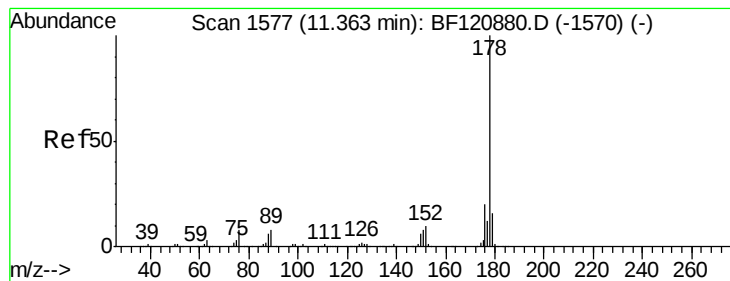
#70
 Pentachlorophenol
 Concen: 81.377 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	61.3	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: 39.273 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

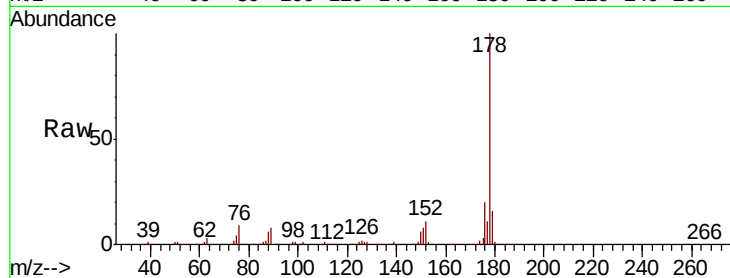
Tot Ion:178 Resp: 1143041

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

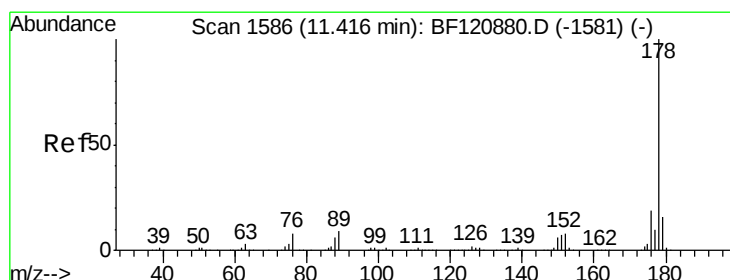
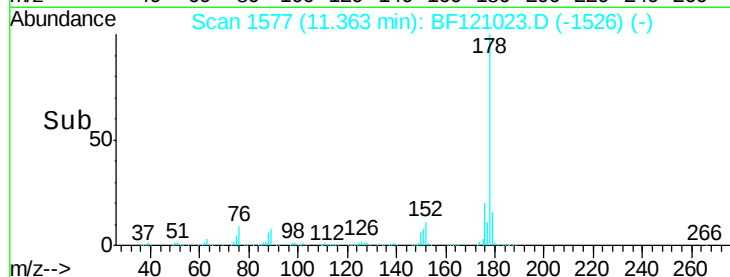
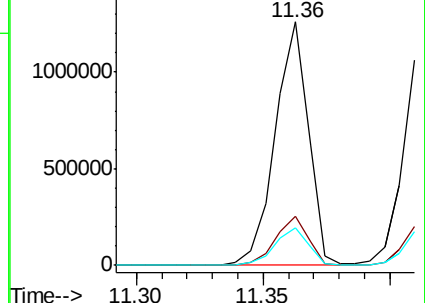
179 15.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.814 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

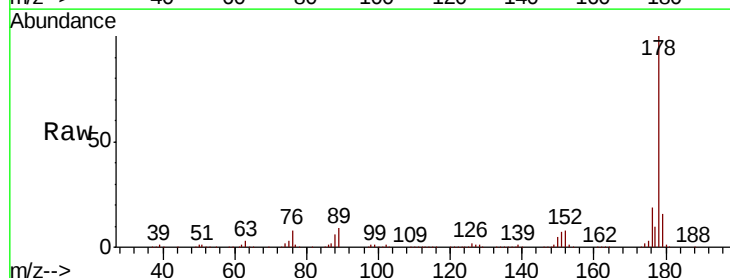
Tgt Ion:178 Resp: 1192821

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

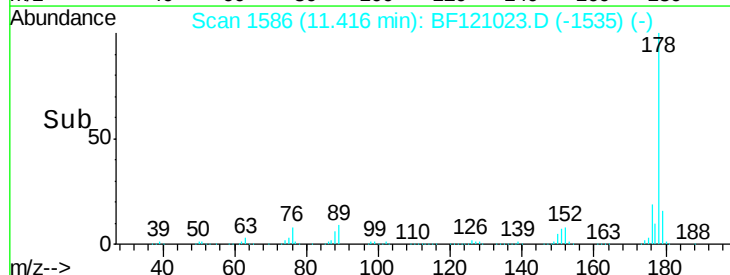
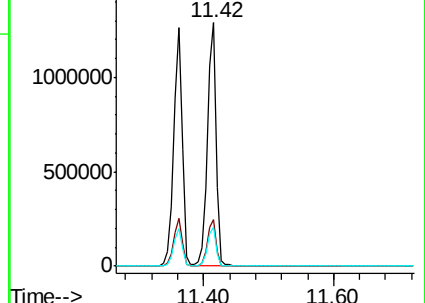
179 15.8 12.8 19.2

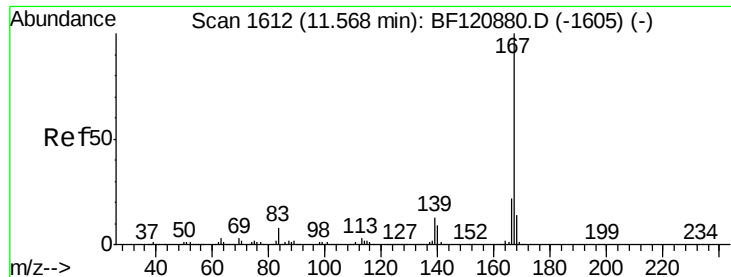


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



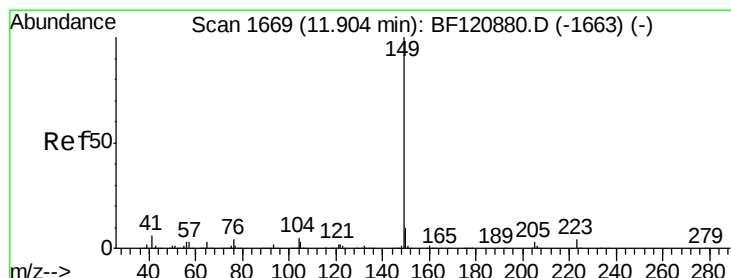
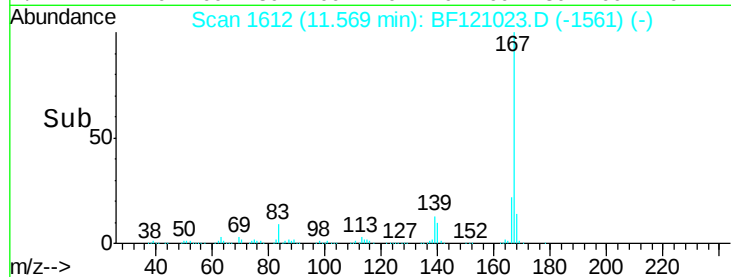
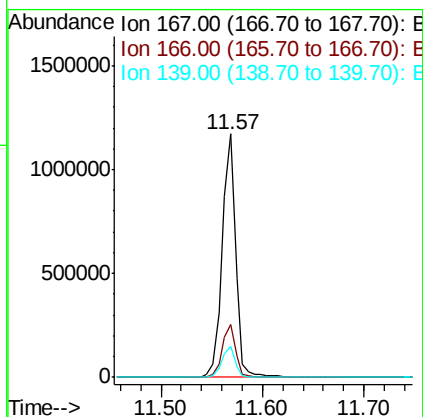
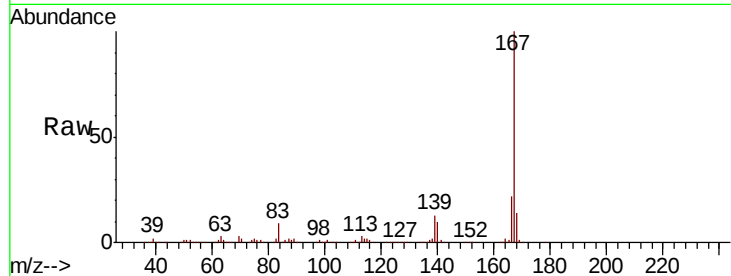


#73
 Carbazole
 Concen: 37.480 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130459BS

Tot Ion:167 Resp: 1087062

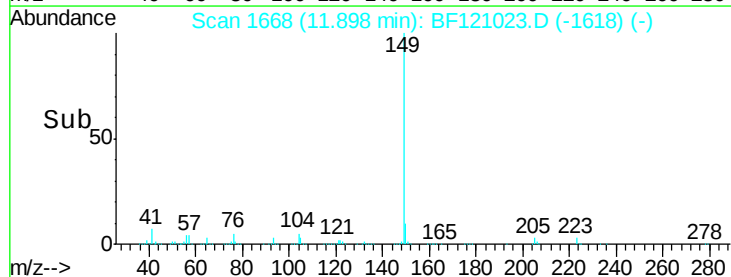
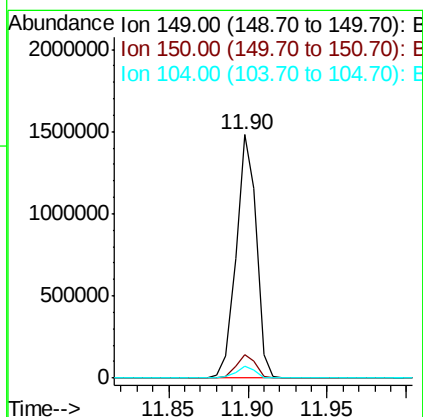
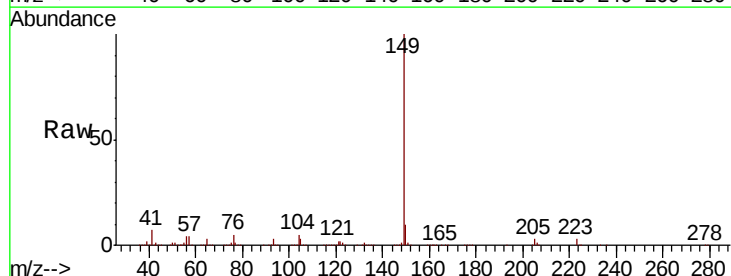
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.5	10.1	15.1

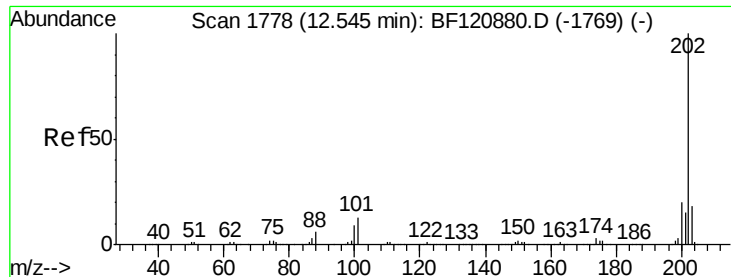


#74
 Di-n-butylphthalate
 Concen: 38.871 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Tgt Ion:149 Resp: 1301049

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.9	3.8	5.6

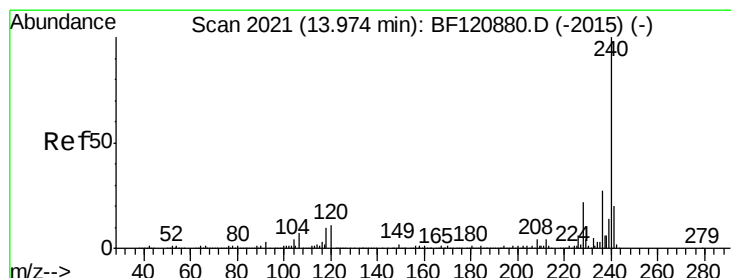
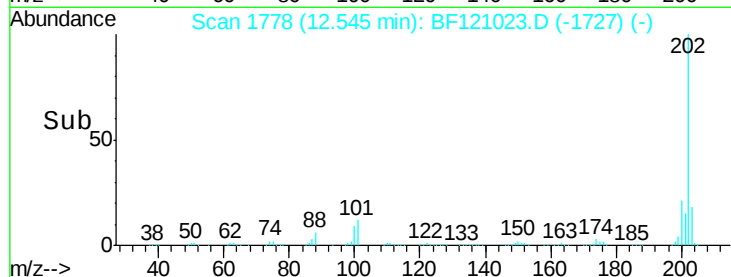
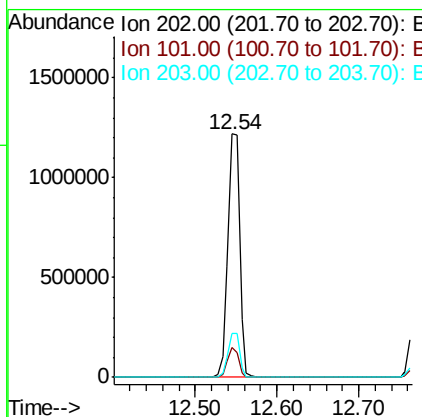
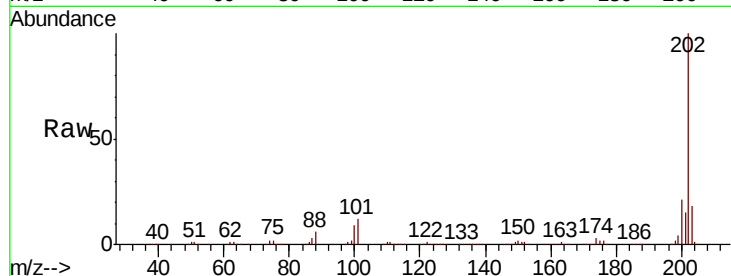




#75
 Fluoranthene
 Concen: 37.956 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

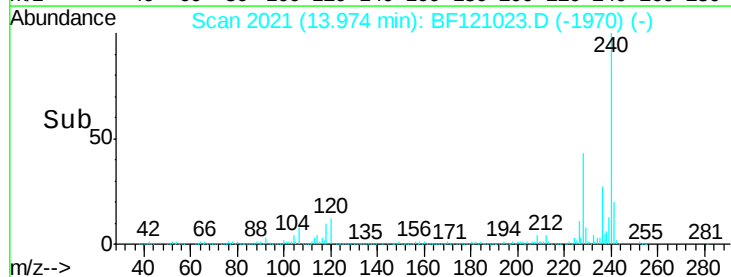
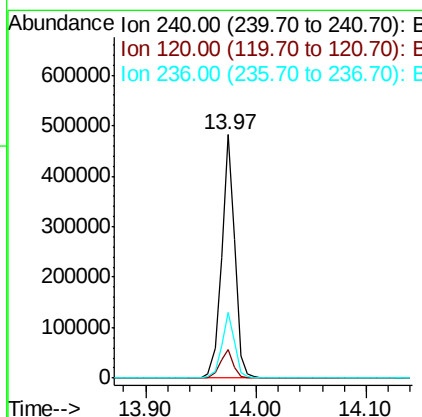
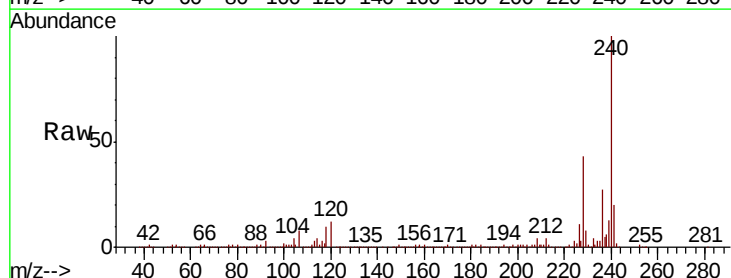
Instrument :
 BNA_F
 ClientSampleId :
 PB130459BS

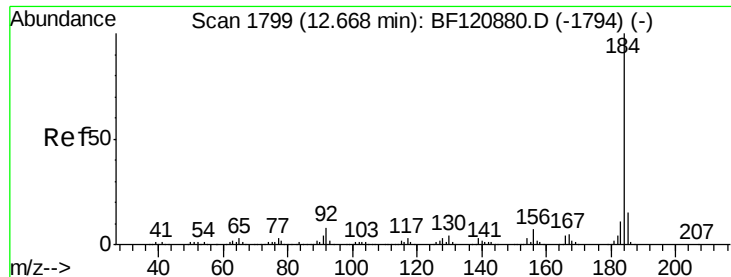
Tot Ion:202 Resp: 1224508
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 32.7
 203 18.2 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Tgt Ion:240 Resp: 398833
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.0 13.4
 236 27.0 21.7 32.5





#77

Benzidine

Concen: 52.008 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

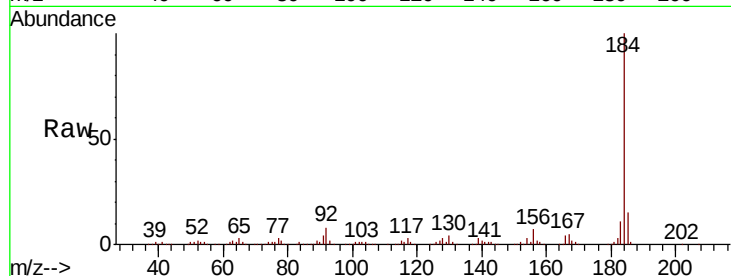
Tot Ion:184 Resp: 545358

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

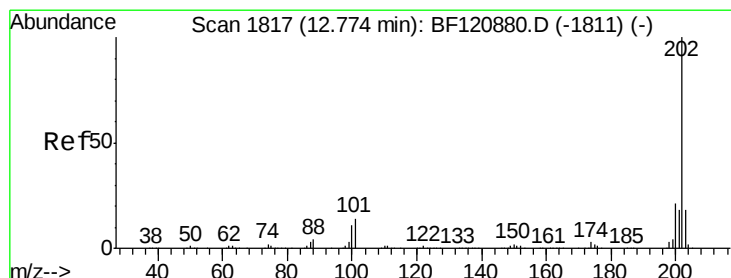
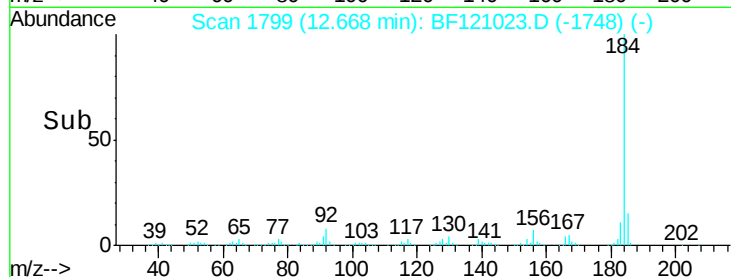
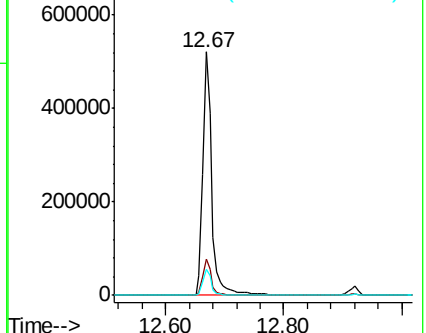
183 10.9 8.5 12.7



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: 44.536 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

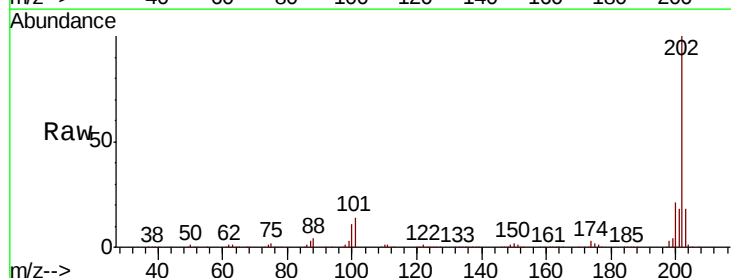
Tgt Ion:202 Resp: 1255811

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

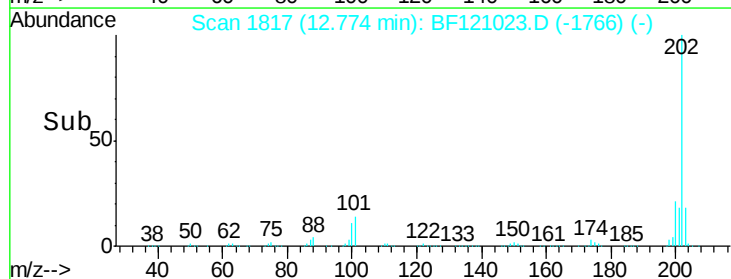
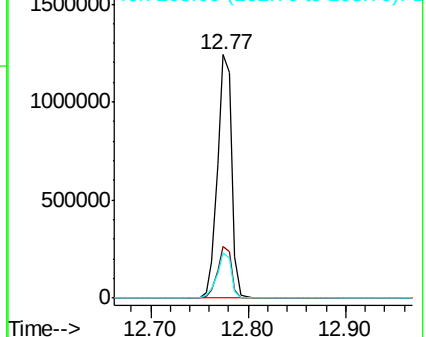
203 18.3 14.4 21.6



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: 76.361 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

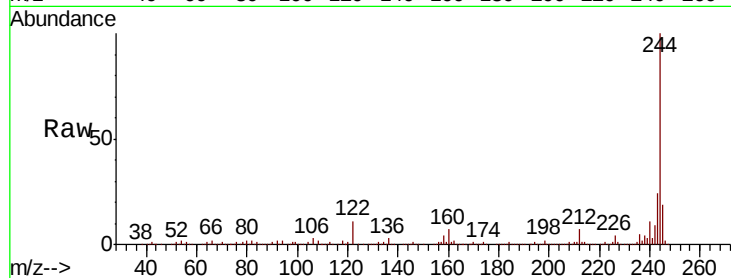
Tot Ion:244 Resp: 1401032

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

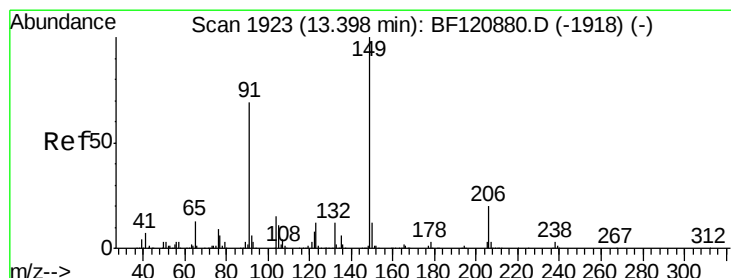
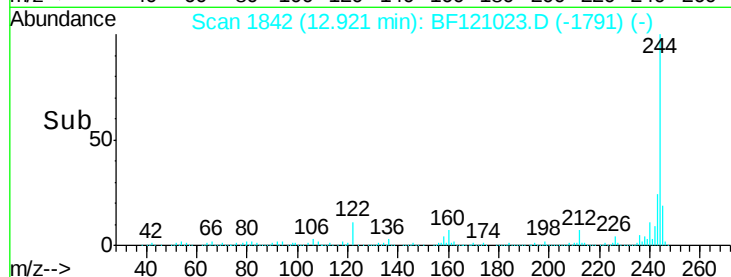
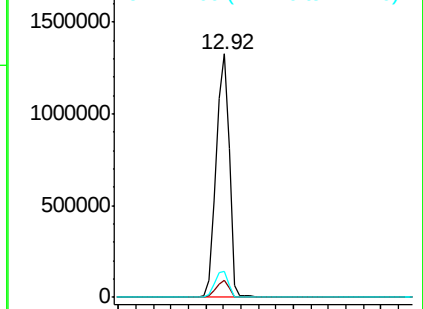
122 10.7 8.9 13.3



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: 41.971 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

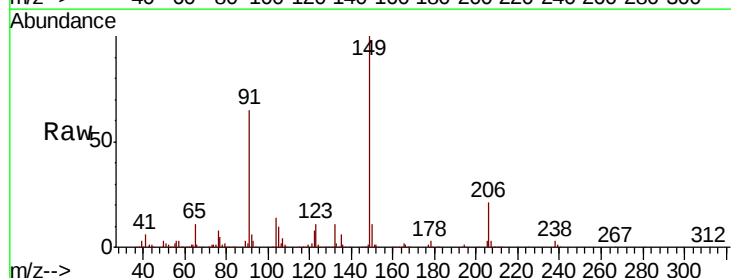
Tgt Ion:149 Resp: 527577

Ion Ratio Lower Upper

149 100

91 64.5 55.1 82.7

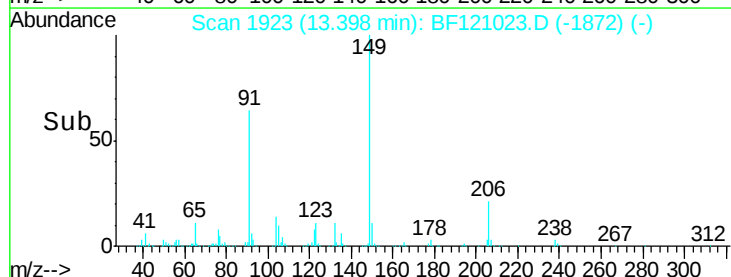
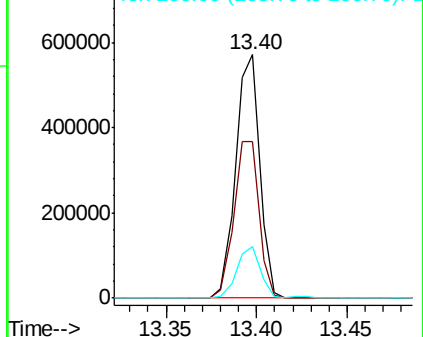
206 21.4 16.1 24.1

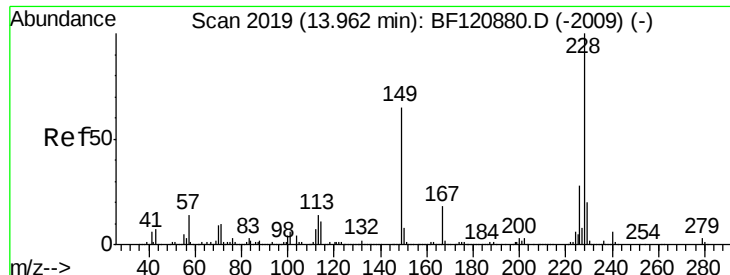


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.188 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

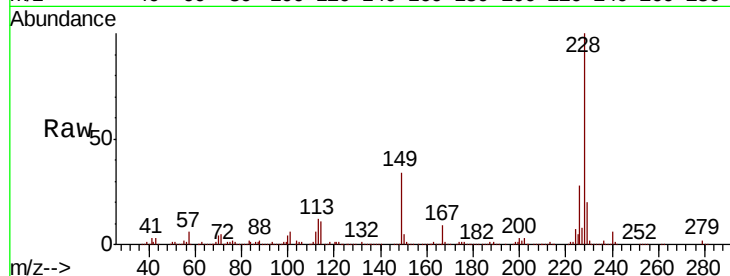
Tot Ion:228 Resp: 970600

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

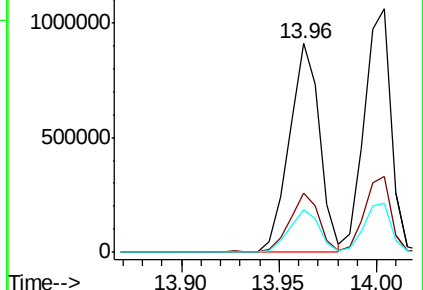
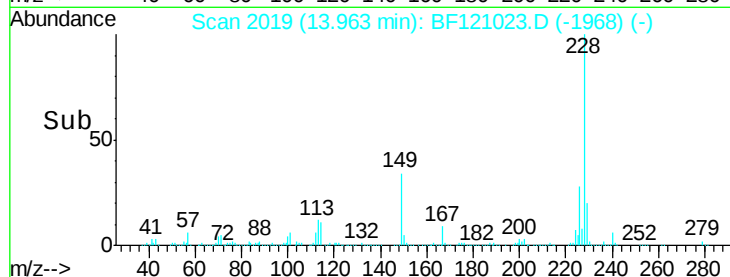
229 20.4 16.1 24.1



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: 34.139 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

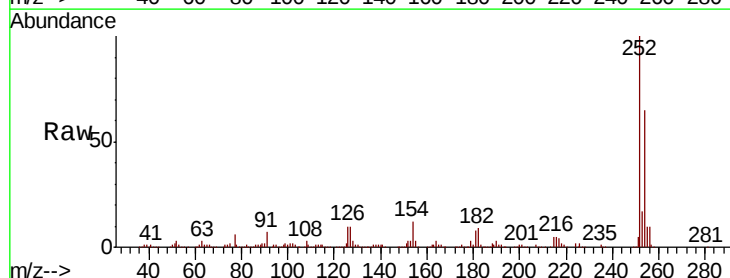
Tgt Ion:252 Resp: 311061

Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

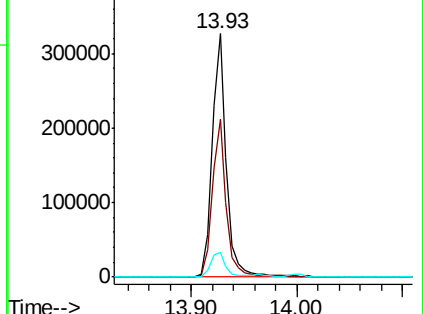
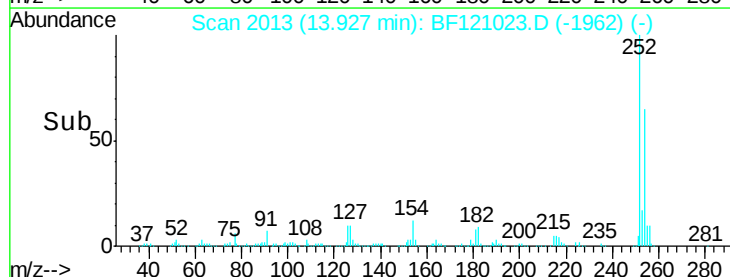
126 10.4 8.7 13.1

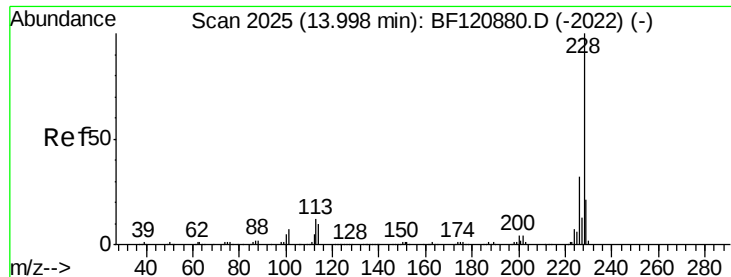


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

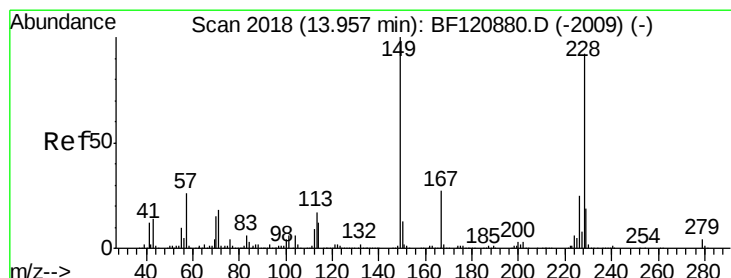
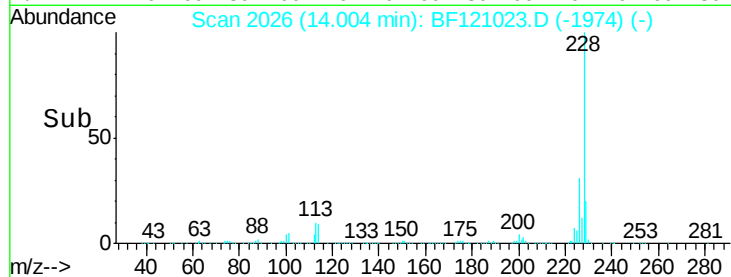
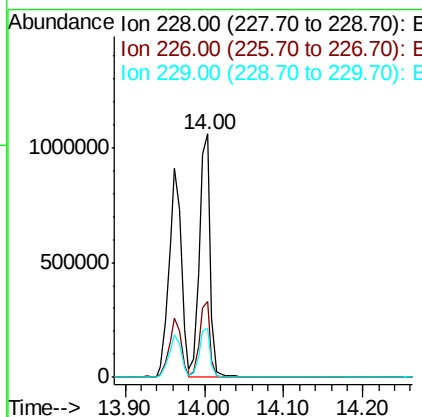
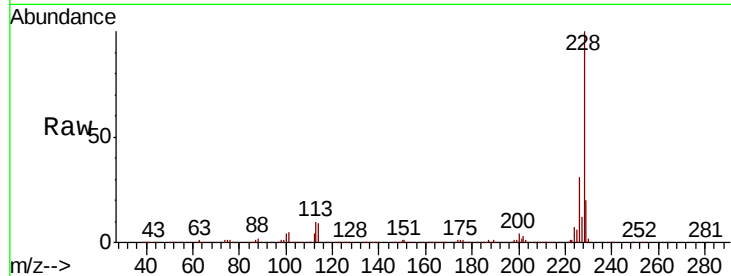




#83
 Chrysene
 Concen: 40.405 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

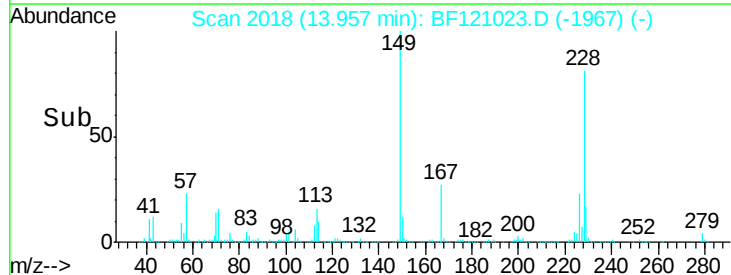
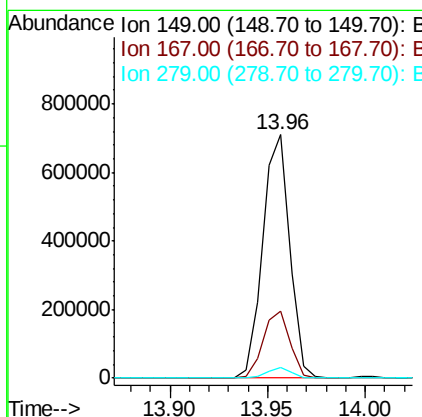
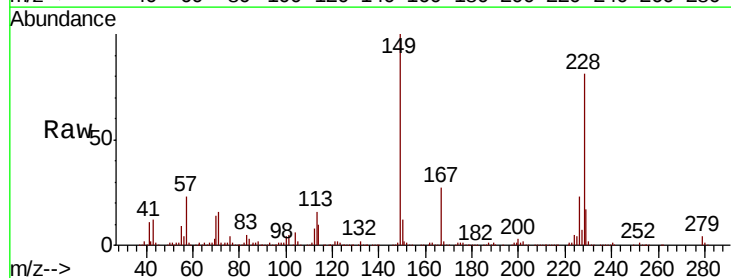
Instrument :
 BNA_F
 ClientSampleId :
 PB130459BS

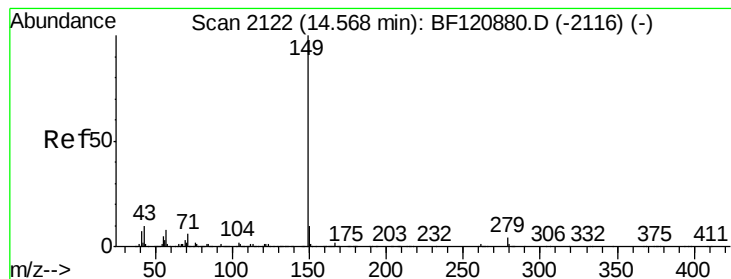
Tot Ion:228 Resp: 1025503
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.6 38.4
 229 20.2 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.868 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Tgt Ion:149 Resp: 679967
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.9 32.9
 279 4.1 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 39.664 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

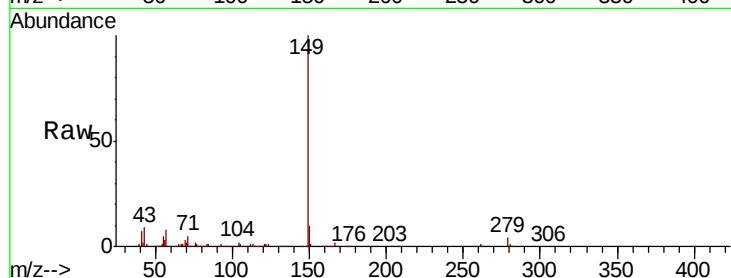
Tot Ion:149 Resp: 1223175

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

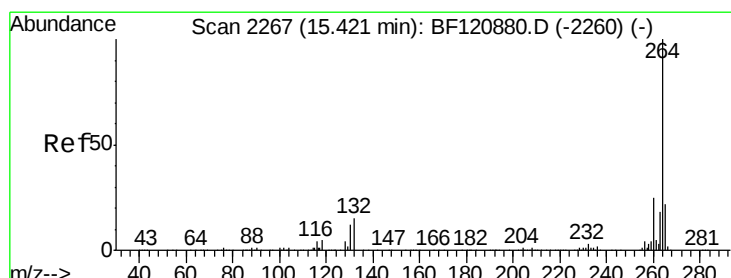
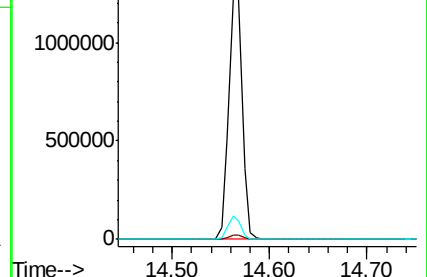
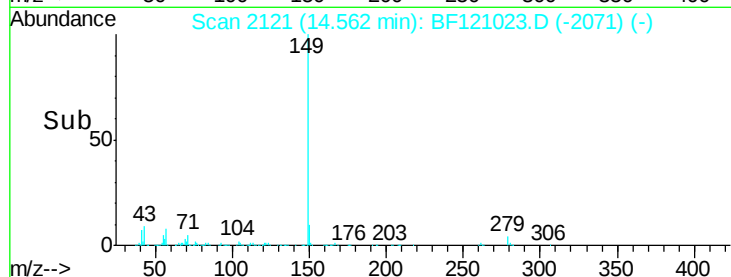
43 9.0 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

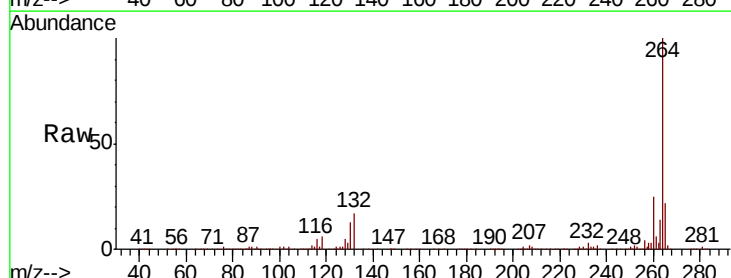
Tgt Ion:264 Resp: 382585

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

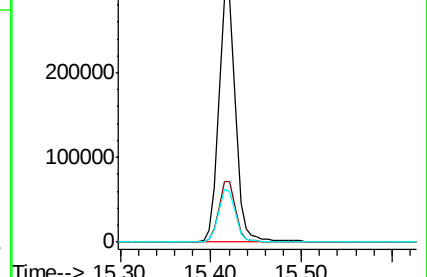
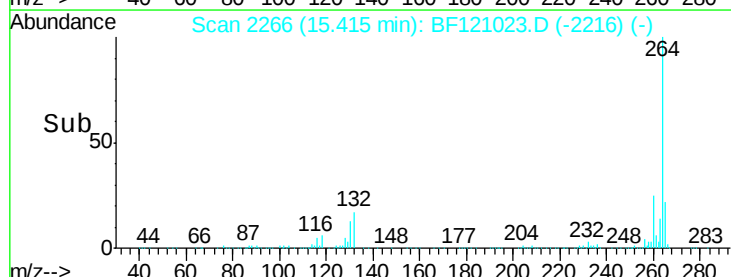
265 21.9 17.4 26.2

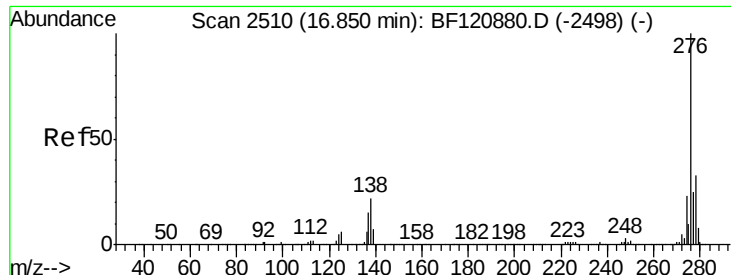


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



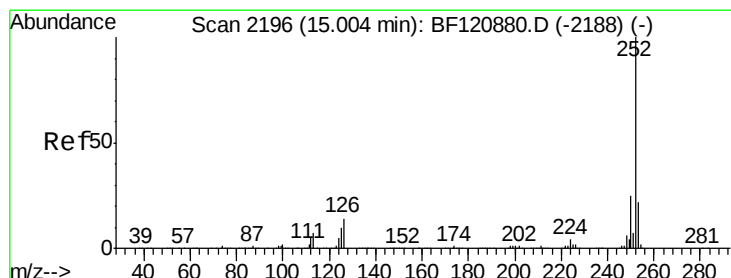
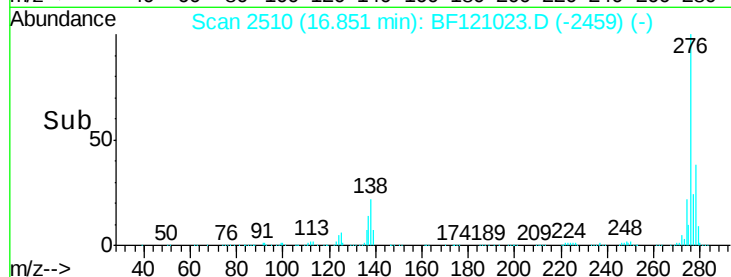
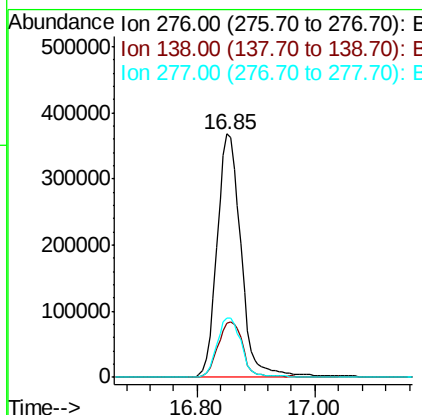
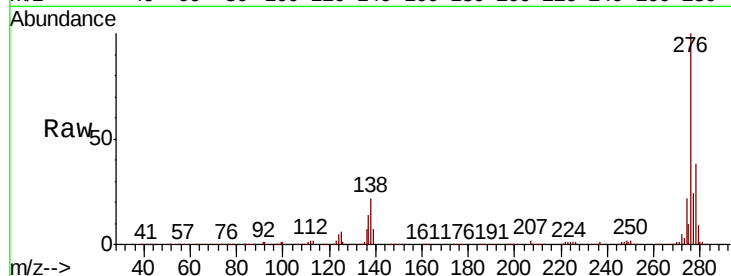


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.250 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB130459BS

Tot Ion:276 Resp: 1044341

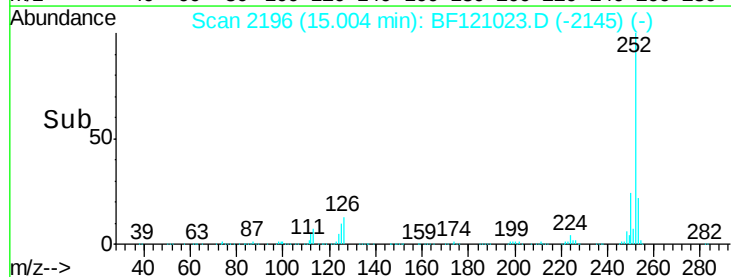
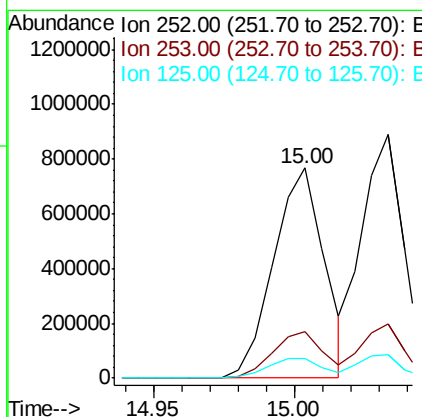
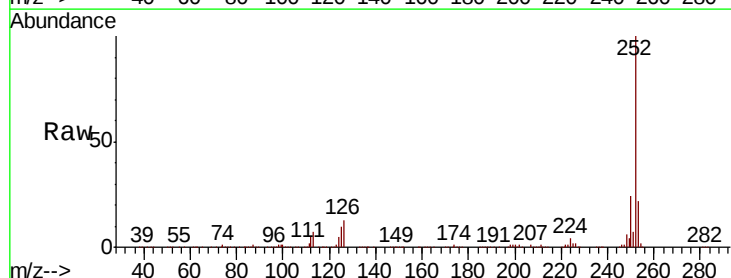
Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.8	29.8
277	25.3	20.2	30.2

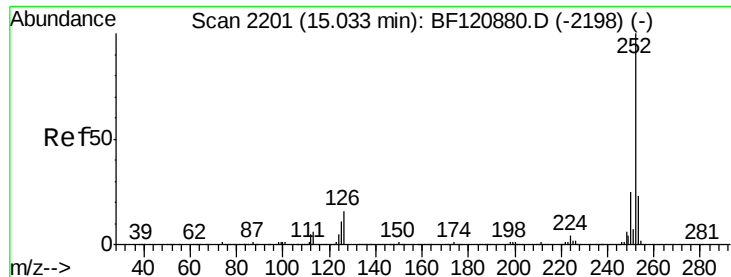


#88
 Benzo(b)fluoranthene
 Concen: 41.350 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121023.D
 Acq: 27 Jul 2020 10:22

Tgt Ion:252 Resp: 956257

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.6	8.3	12.5

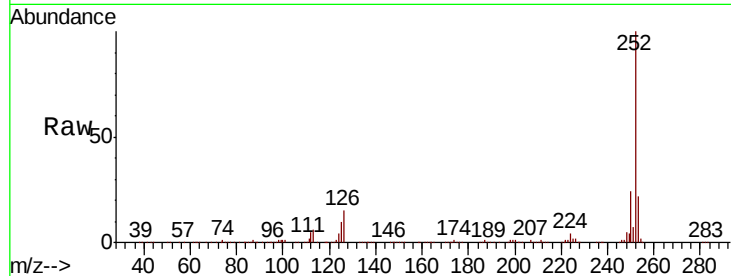




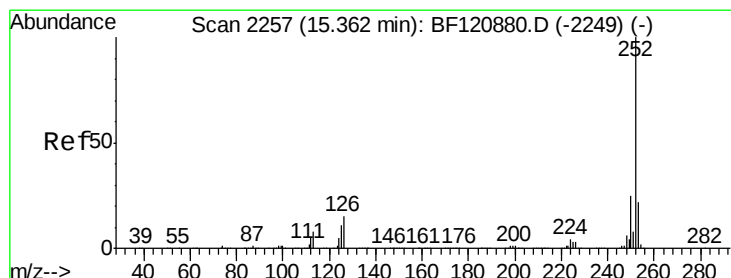
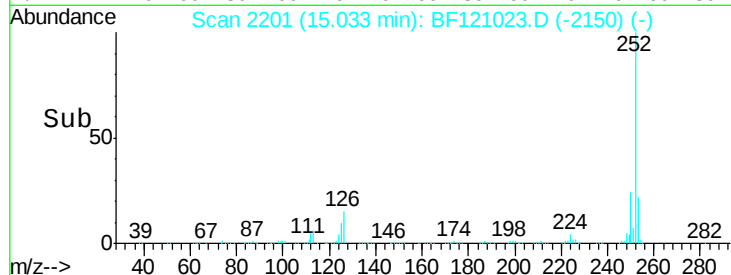
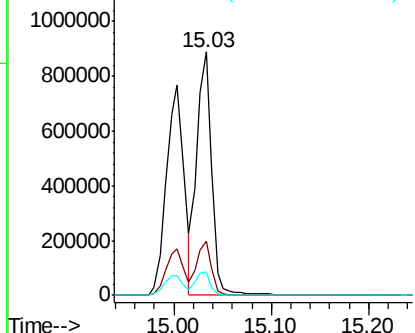
#89
Benzo(k)fluoranthene
Concen: 44.632 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Instrument :
BNA_F
ClientSampleId :
PB130459BS

Tot Ion:252 Resp: 941317
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.7 8.4 12.6

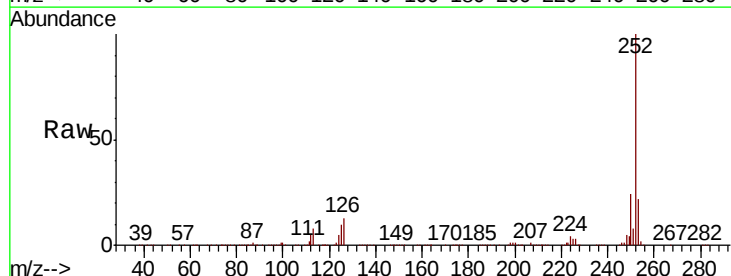


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

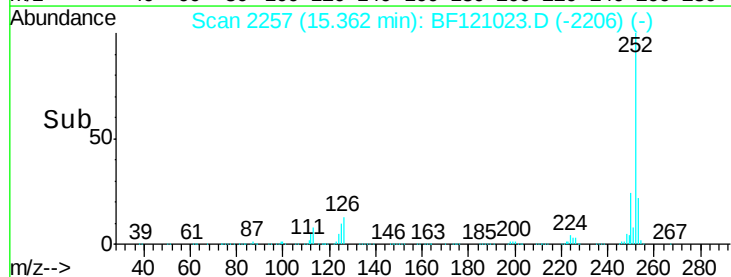
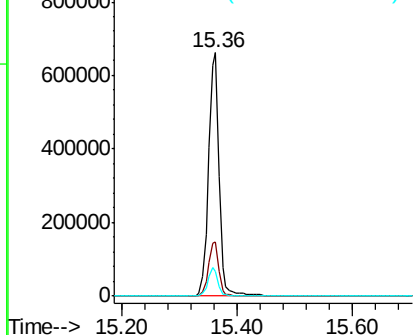


#90
Benzo(a)pyrene
Concen: 40.730 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121023.D
Acq: 27 Jul 2020 10:22

Tgt Ion:252 Resp: 859373
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.3 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 40.382 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.01 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

Instrument :

BNA_F

ClientSampleId :

PB130459BS

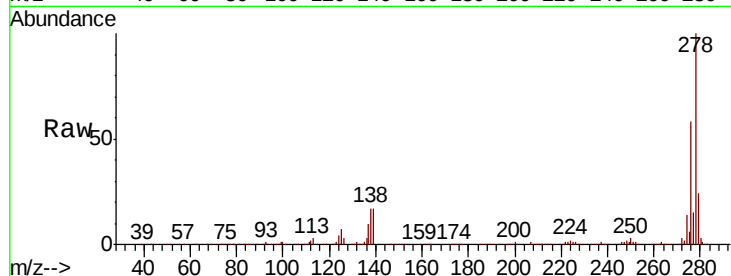
Tot Ion:278 Resp: 877666

Ion Ratio Lower Upper

278 100

139 16.5 12.3 18.5

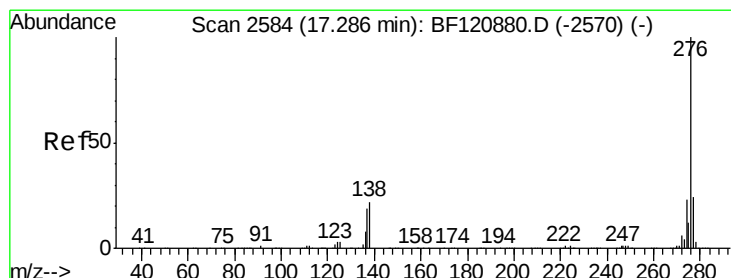
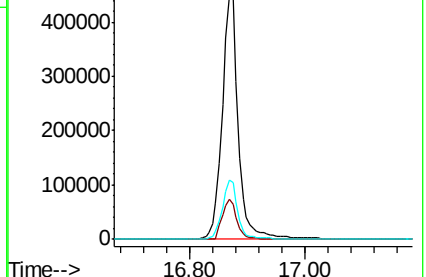
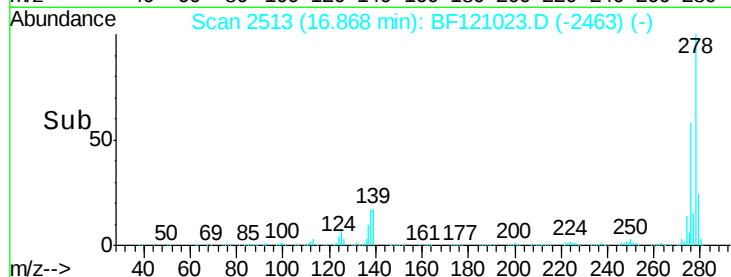
279 24.4 20.1 30.1



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: 40.207 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BF121023.D

Acq: 27 Jul 2020 10:22

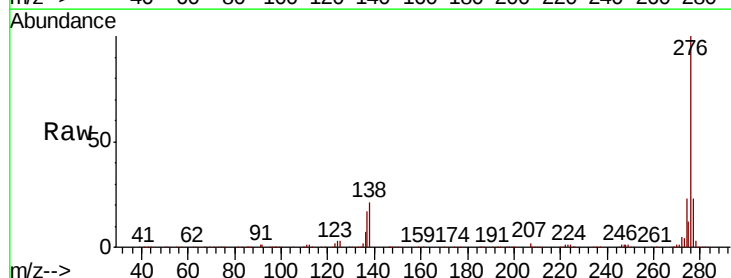
Tgt Ion:276 Resp: 861629

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.6 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

