

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120949.D
 Acq On : 21 Jul 2020 10:34
 Operator : JU/CG
 Sample : PB130301BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Quant Time: Jul 21 11:31:30 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	195402	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	750170	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	389638	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	714085	20.00	ng	0.00
76) Chrysene-d12	13.98	240	531445	20.00	ng	0.00
86) Perylene-d12	15.42	264	506270	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1423322	119.41	ng	0.02
7) Phenol-d6	6.46	99	1762260	114.46	ng	0.01
23) Nitrobenzene-d5	7.39	82	1137838	87.77	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	505903	118.62	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1977408	75.77	ng	0.00
79) Terphenyl-d14	12.93	244	2032785	83.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	219353	39.986	ng	99
3) Pyridine	3.38	79	596723	40.891	ng	99
4) n-Nitrosodimethylamine	3.32	42	275944	44.221	ng	95
6) Aniline	6.48	93	740624	36.850	ng	99
8) 2-Chlorophenol	6.60	128	603043	45.926	ng	97
9) Benzaldehyde	6.36	77	251947	31.976	ng	99
10) Phenol	6.47	94	682043	40.269	ng	86
11) bis(2-Chloroethyl)ether	6.56	93	559060	43.070	ng	97
12) 1,3-Dichlorobenzene	6.76	146	599850	42.129	ng	99
13) 1,4-Dichlorobenzene	6.83	146	604786	42.716	ng	99
14) 1,2-Dichlorobenzene	6.99	146	550857	41.127	ng	99
15) Benzyl Alcohol	6.96	79	436896	40.125	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	777613	41.563	ng	100
17) 2-Methylphenol	7.07	107	465201	39.972	ng	99
18) Hexachloroethane	7.33	117	227641	44.423	ng	94
19) n-Nitroso-di-n-propylamine	7.24	70	365505	41.747	ng	100
20) 3+4-Methylphenols	7.23	107	510759	34.499	ng	92
22) Acetophenone	7.23	105	704987	41.874	ng	# 92
24) Nitrobenzene	7.40	77	588917	42.146	ng	98
25) Isophorone	7.65	82	1086379	41.987	ng	100
26) 2-Nitrophenol	7.72	139	315840	47.592	ng	99
27) 2,4-Dimethylphenol	7.76	122	482315	44.763	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	698120	44.201	ng	100
29) 2,4-Dichlorophenol	7.96	162	481116	43.697	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	522535	42.776	ng	100
31) Naphthalene	8.12	128	1608301	41.796	ng	99
32) Benzoic acid	7.89	122	368123	45.513	ng	97
33) 4-Chloroaniline	8.17	127	602625	35.106	ng	99
34) Hexachlorobutadiene	8.24	225	304811	42.328	ng	98
35) Caprolactam	8.55	113	111023	31.444	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	494066	43.753	ng	98
37) 2-Methylnaphthalene	8.81	142	1078945	43.183	ng	99
38) 1-Methylnaphthalene	8.91	142	1019188	43.070	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	459301	40.459	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	513001	81.763	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	363614	45.491	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	364674	40.221	ng	97
46) 1,1'-Biphenyl	9.28	154	1253105	42.161	ng	99
47) 2-Chloronaphthalene	9.30	162	1005634	41.500	ng	98
48) 2-Nitroaniline	9.40	65	310601	42.414	ng	94
49) Acenaphthylene	9.72	152	1543368	40.998	ng	100
50) Dimethylphthalate	9.58	163	1181682	42.038	ng	98
51) 2,6-Dinitrotoluene	9.64	165	270213	44.743	ng	98
52) Acenaphthene	9.89	154	940084	39.279	ng	99
53) 3-Nitroaniline	9.81	138	253459	33.463	ng	99
54) 2,4-Dinitrophenol	9.92	184	279052	80.253	ng	89
55) Dibenzofuran	10.06	168	1404324	40.575	ng	99
56) 4-Nitrophenol	9.98	139	471998	82.036	ng	93
57) 2,4-Dinitrotoluene	10.05	165	354910	44.751	ng	94
58) Fluorene	10.40	166	1020409	39.530	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	311688	45.150	ng	99
60) Diethylphthalate	10.28	149	1187710	41.773	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	489665	35.565	ng	96
62) 4-Nitroaniline	10.43	138	295491	40.050	ng	100
63) Azobenzene	10.56	77	1106507	40.878	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	186703	45.402	ng	92
66) n-Nitrosodiphenylamine	10.52	169	985245	43.859	ng	98
67) 4-Bromophenyl-phenylether	10.89	248	341551	42.900	ng	93
68) Hexachlorobenzene	10.95	284	378583	43.959	ng	93
69) Atrazine	11.05	200	278346	50.033	ng	98
70) Pentachlorophenol	11.15	266	415896	84.295	ng	99
71) Phenanthrene	11.36	178	1527653	41.596	ng	99
72) Anthracene	11.42	178	1572286	42.635	ng	99
73) Carbazole	11.57	167	1490262	40.720	ng	99
74) Di-n-butylphthalate	11.90	149	1769687	41.902	ng	100
75) Fluoranthene	12.55	202	1671315	41.057	ng	98
77) Benzidine	12.67	184	816485	58.435	ng	99
78) Pyrene	12.78	202	1663558	44.275	ng	99
80) Butylbenzylphthalate	13.40	149	760533	45.406	ng	99
81) Benzo(a)anthracene	13.97	228	1325498	41.188	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	513930	42.329	ng	99
83) Chrysene	14.00	228	1405383	41.555	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	884286	42.814	ng	99
85) Di-n-octyl phthalate	14.57	149	1728679	42.069	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1432487	40.685	ng	99
88) Benzo(b)fluoranthene	15.00	252	1479771	48.355	ng	100
89) Benzo(k)fluoranthene	15.04	252	1257222	45.047	ng	99
90) Benzo(a)pyrene	15.36	252	1237734	44.331	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1196127	41.589	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1158052	40.837	ng	99

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

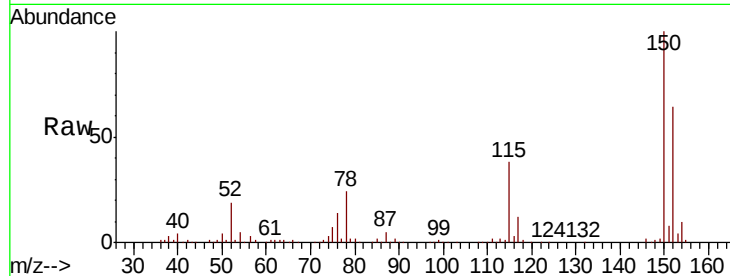


#1

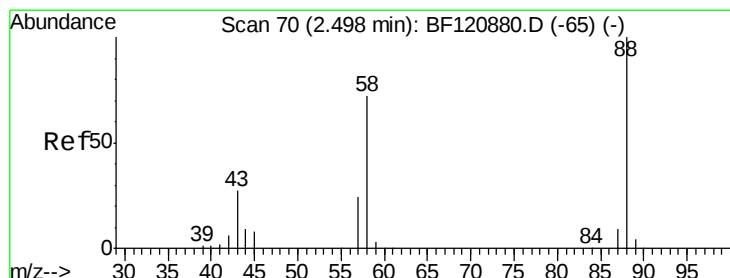
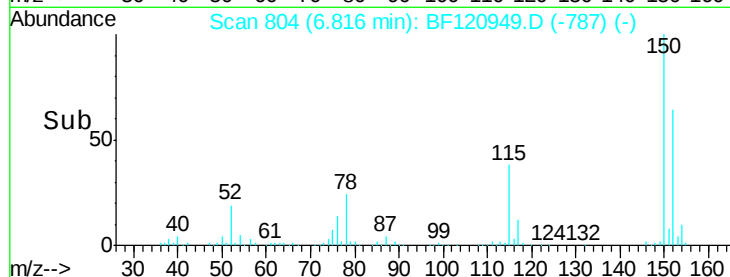
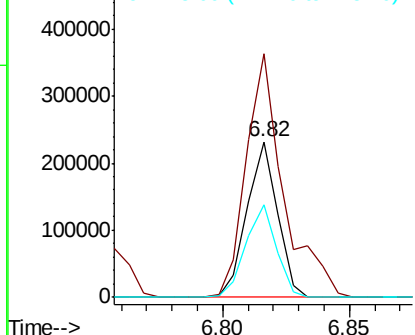
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:152 Resp: 195402
Ion Ratio Lower Upper
152 100
150 156.6 125.0 187.6
115 59.8 47.0 70.4



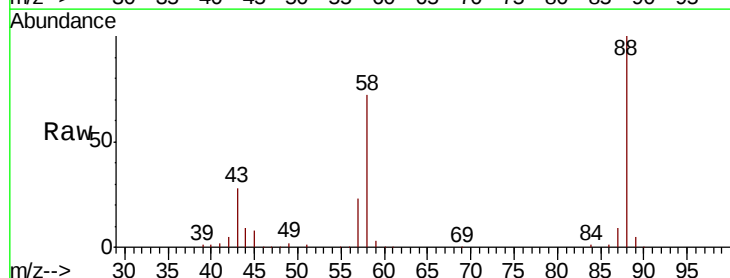
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



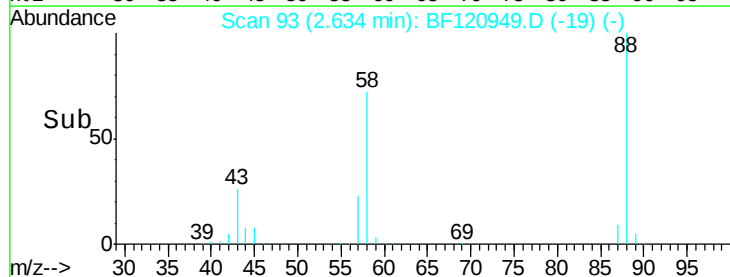
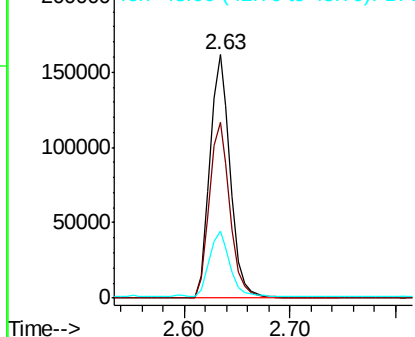
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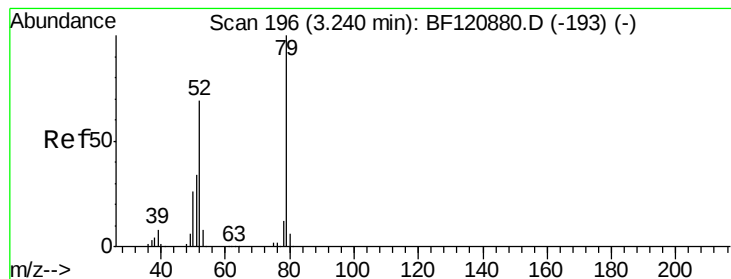
1,4-Dioxane
Concen: 39.986 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.14 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion: 88 Resp: 219353
Ion Ratio Lower Upper
88 100
58 73.4 58.2 87.2
43 27.1 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: 40.891 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.14 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

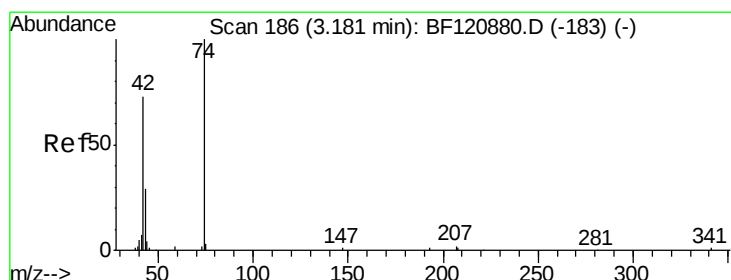
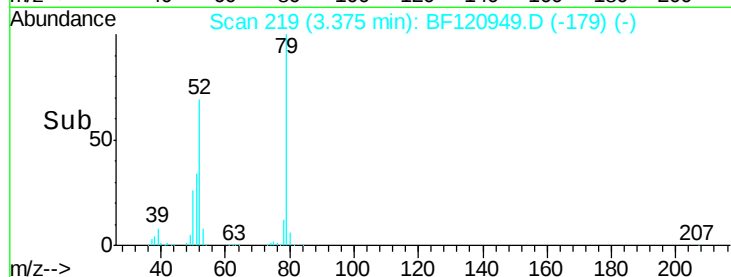
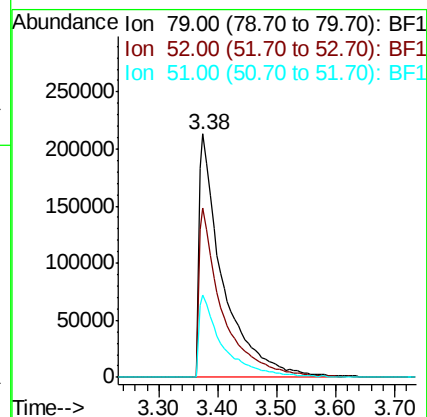
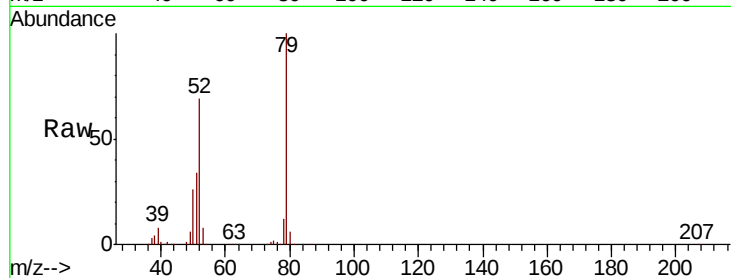
Tot Ion: 79 Resp: 596723

Ion Ratio Lower Upper

79 100

52 69.4 55.0 82.6

51 33.8 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 44.221 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.14 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

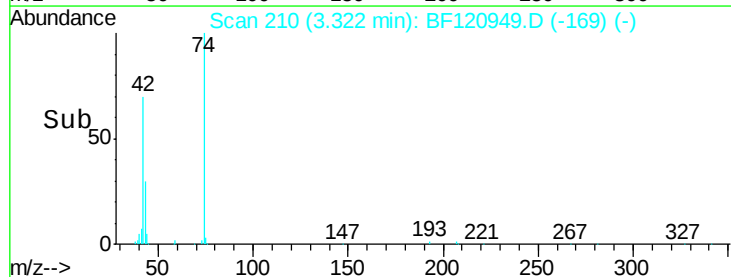
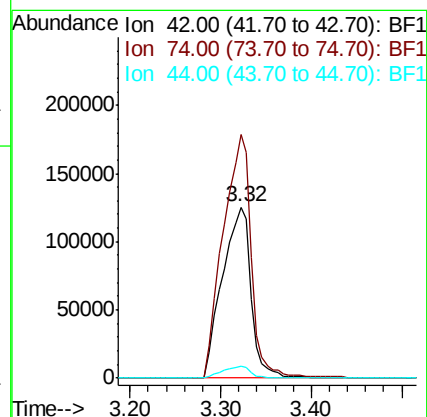
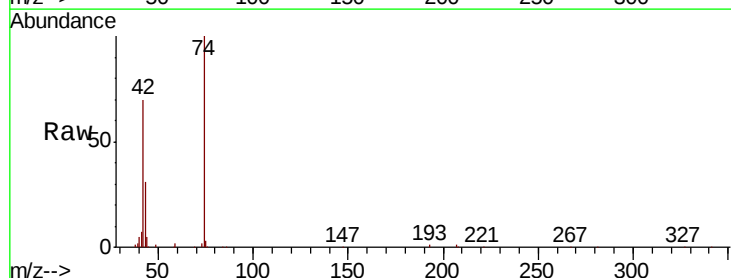
Tgt Ion: 42 Resp: 275944

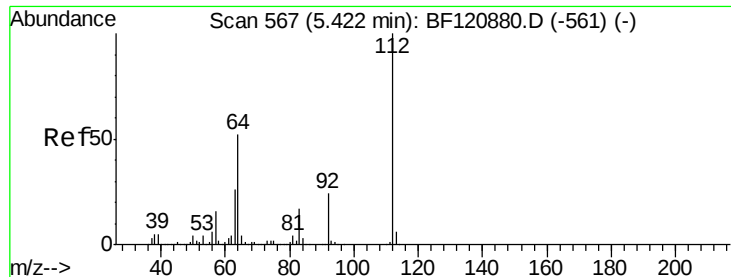
Ion Ratio Lower Upper

42 100

74 142.5 108.7 163.1

44 6.9 5.2 7.8





#5

2-Fluorophenol

Concen: 119.412 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

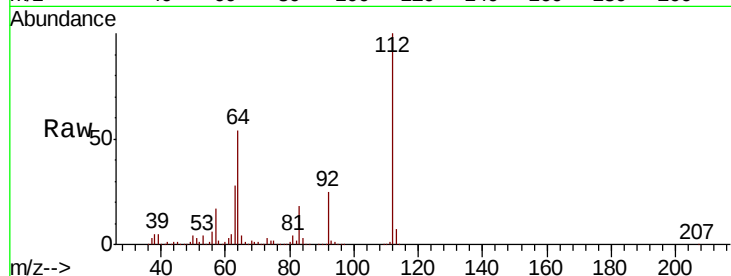
Tot Ion:112 Resp: 1423322

Ion Ratio Lower Upper

112 100

64 54.1 41.3 61.9

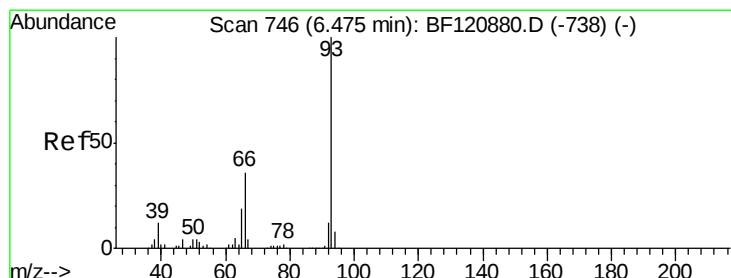
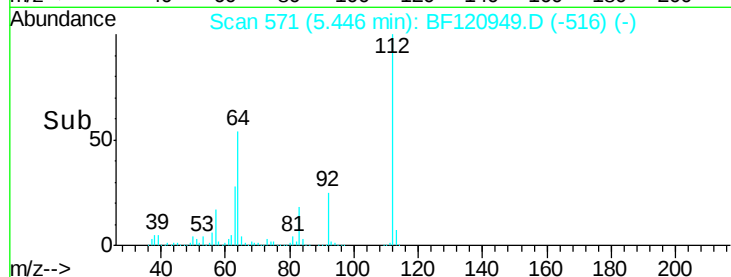
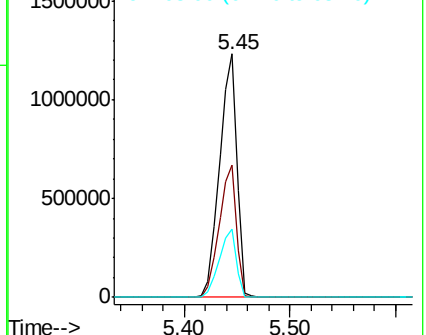
63 28.3 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.850 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

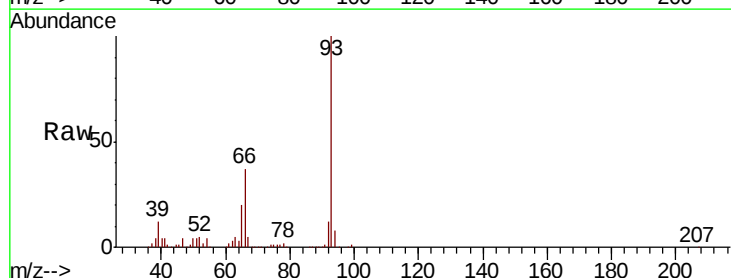
Tgt Ion: 93 Resp: 740624

Ion Ratio Lower Upper

93 100

66 36.7 30.2 45.4

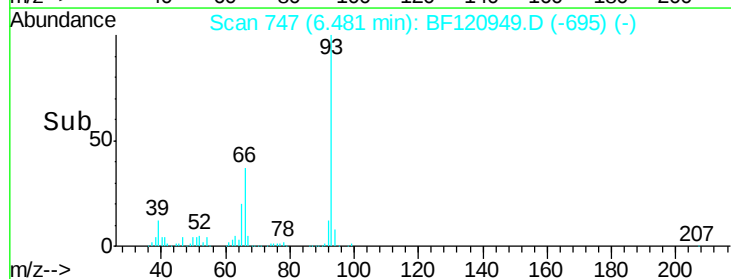
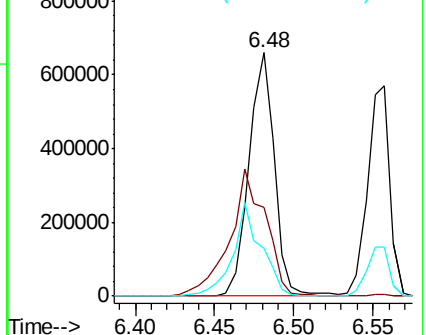
65 19.6 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.456 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

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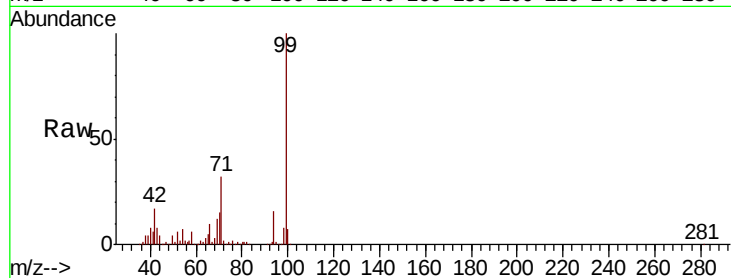
Tot Ion: 99 Resp: 1762260

Ion Ratio Lower Upper

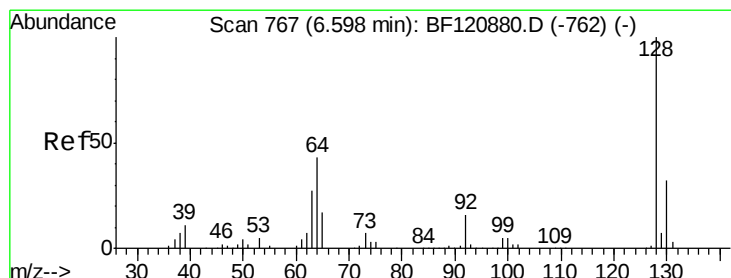
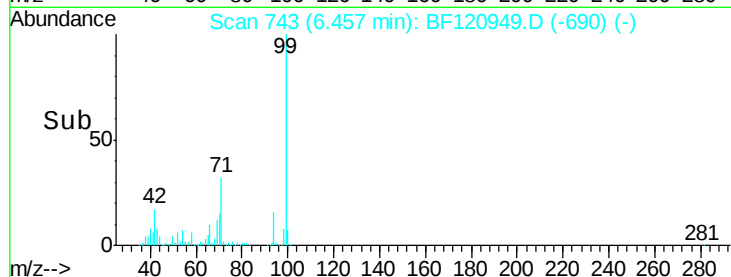
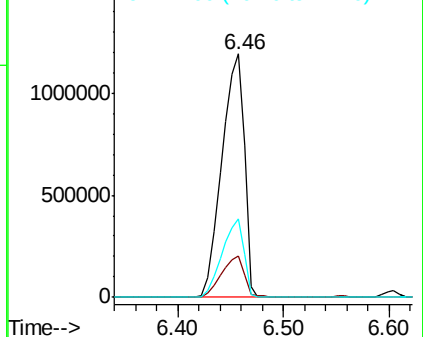
99 100

42 17.0 13.1 19.7

71 32.4 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.926 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

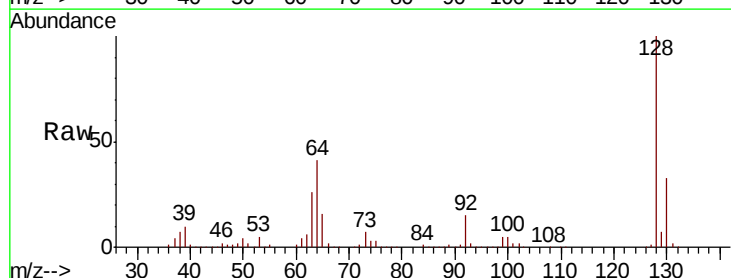
Tgt Ion: 128 Resp: 603043

Ion Ratio Lower Upper

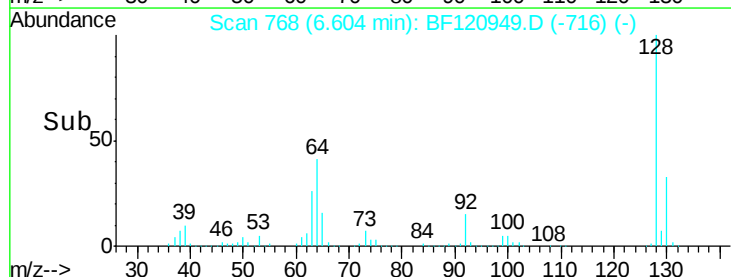
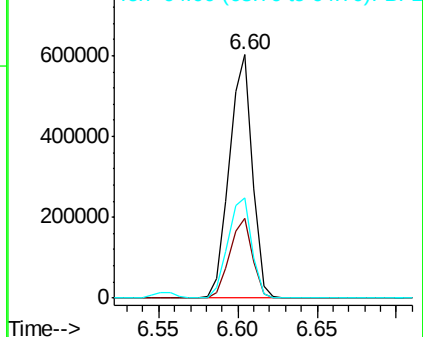
128 100

130 32.8 12.1 52.1

64 41.4 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: 31.976 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

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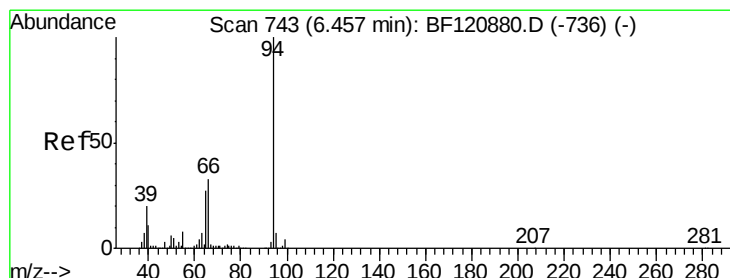
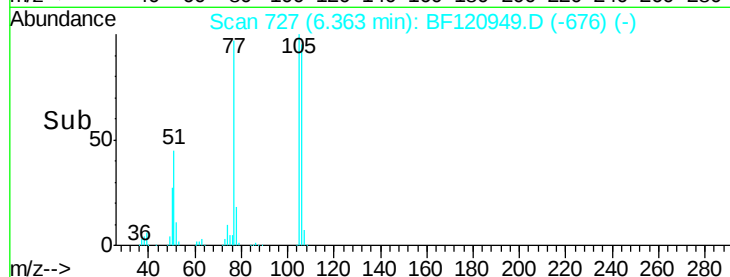
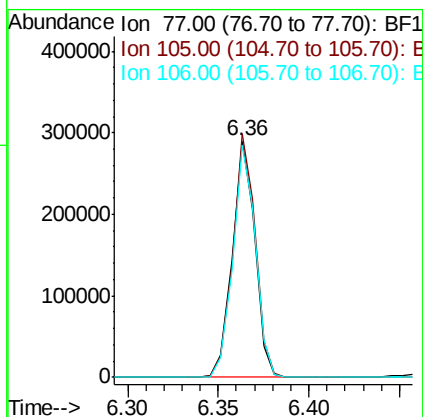
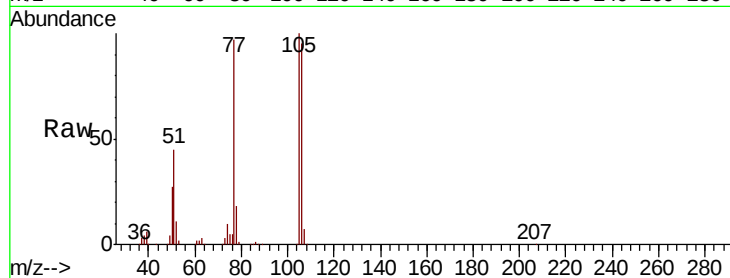
Tot Ion: 77 Resp: 251947

Ion Ratio Lower Upper

77 100

105 103.1 82.5 122.5

106 98.1 78.7 118.7



#10

Phenol

Concen: 40.269 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

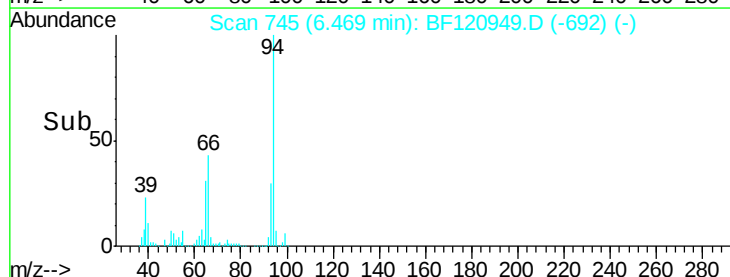
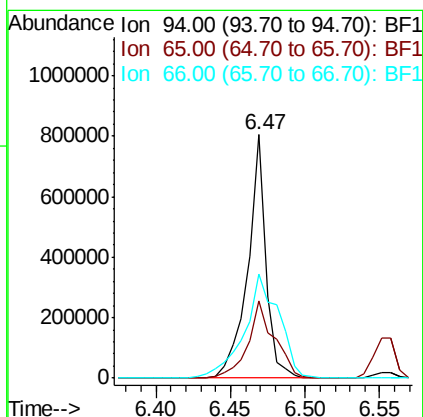
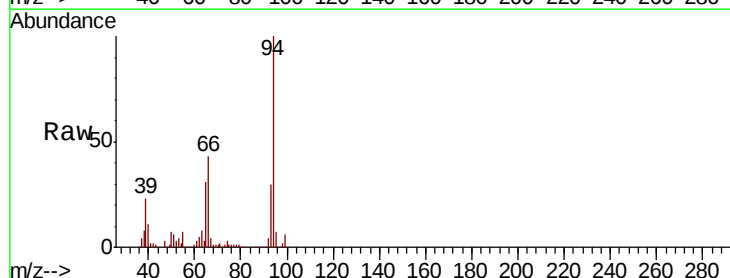
Tgt Ion: 94 Resp: 682043

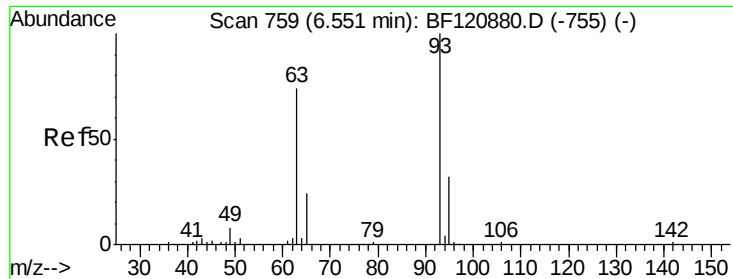
Ion Ratio Lower Upper

94 100

65 31.5 6.6 46.6

66 42.8 13.2 53.2

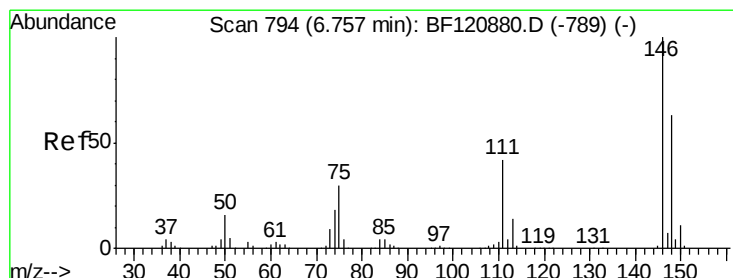
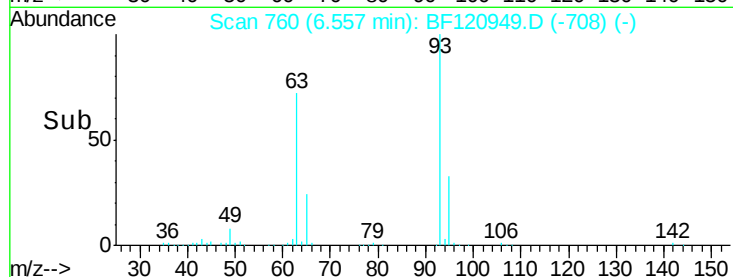
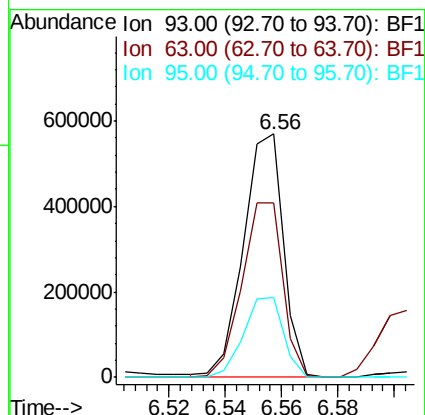
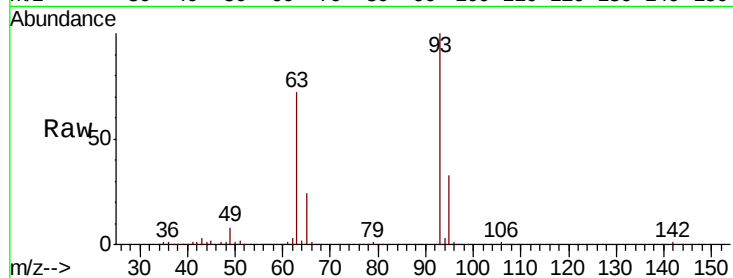




#11
bis(2-Chloroethyl)ether
Concen: 43.070 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

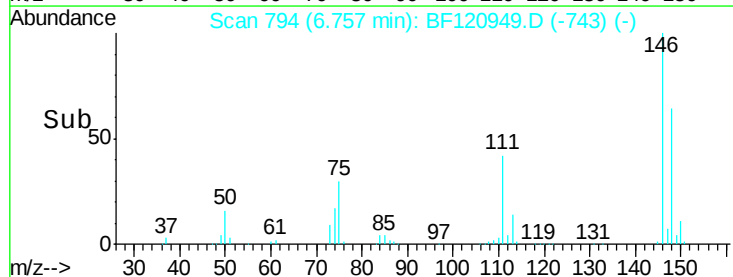
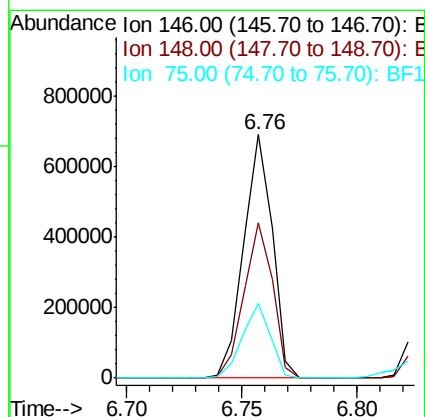
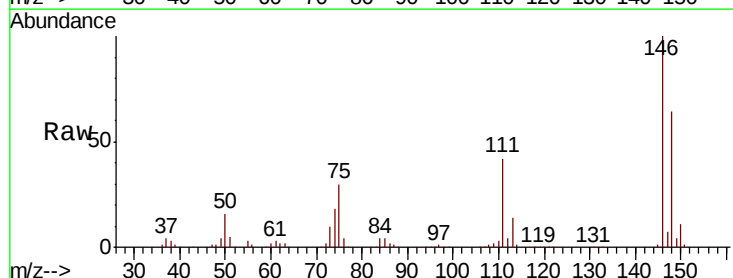
Instrument :
BNA_F
ClientSampleId :
PB130301BS

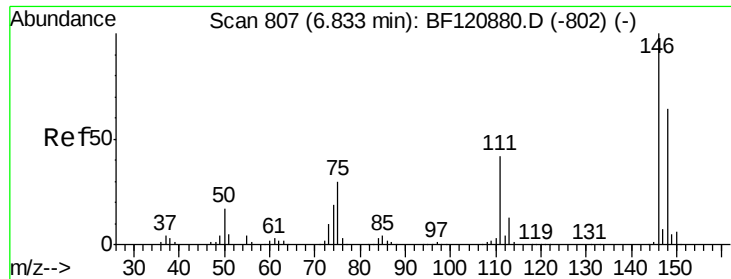
Tot Ion: 93 Resp: 559060
Ion Ratio Lower Upper
93 100
63 71.6 54.2 94.2
95 33.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 42.129 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion: 146 Resp: 599850
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
75 30.4 24.1 36.1

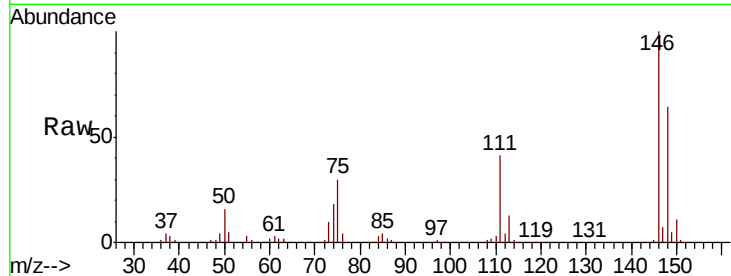




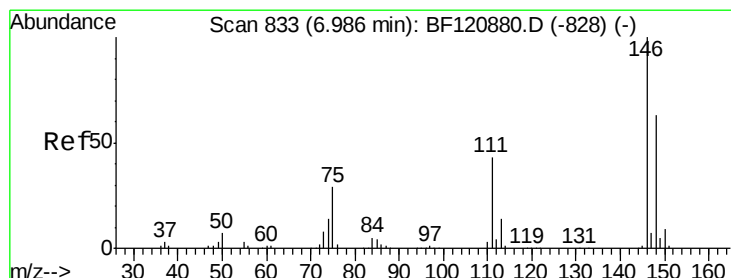
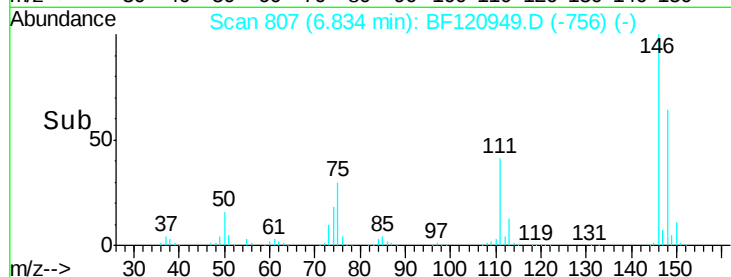
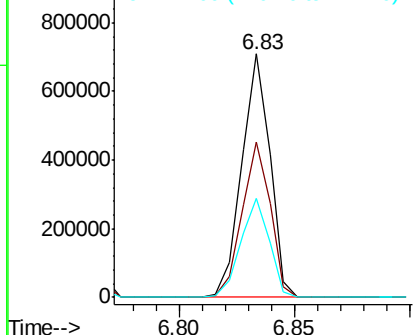
#13
 1,4-Dichlorobenzene
 Concen: 42.716 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Tot Ion:146 Resp: 604786
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.6 77.4
 111 40.9 33.5 50.3

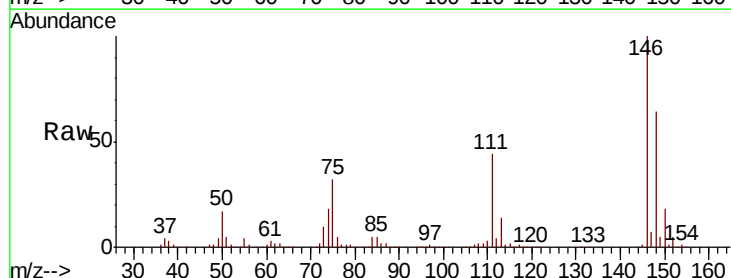


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

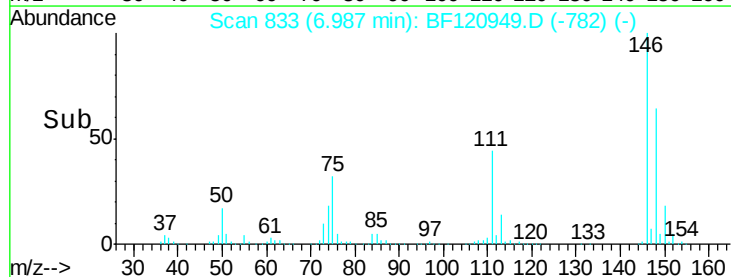
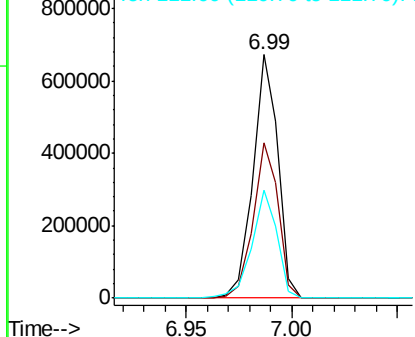


#14
 1,2-Dichlorobenzene
 Concen: 41.127 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion:146 Resp: 550857
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 76.0
 111 44.1 34.2 51.2



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





#15

Benzyl Alcohol

Concen: 40.125 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

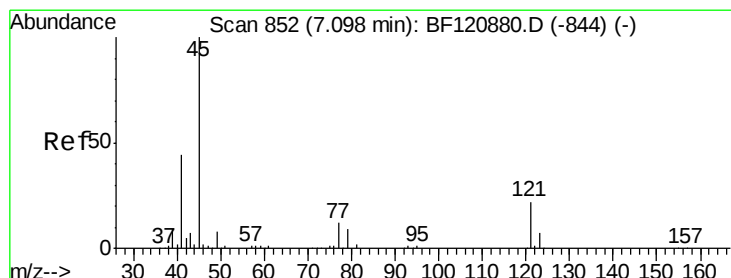
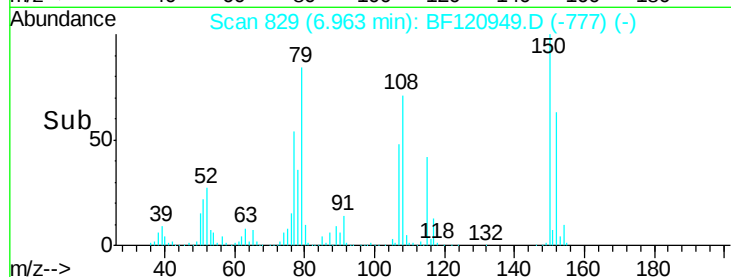
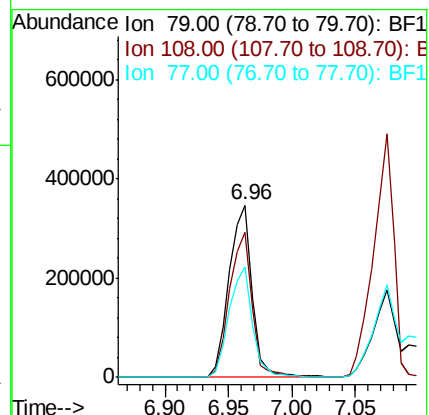
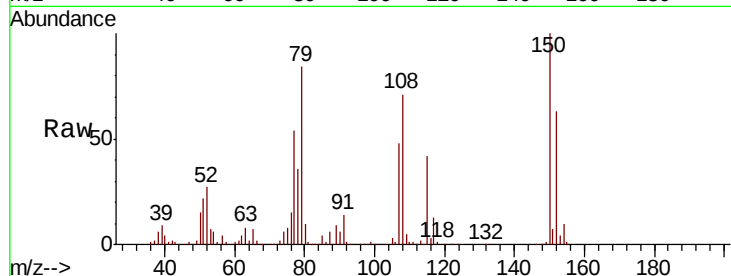
Tot Ion: 79 Resp: 436896

Ion Ratio Lower Upper

79 100

108 84.1 67.0 100.6

77 64.3 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.563 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

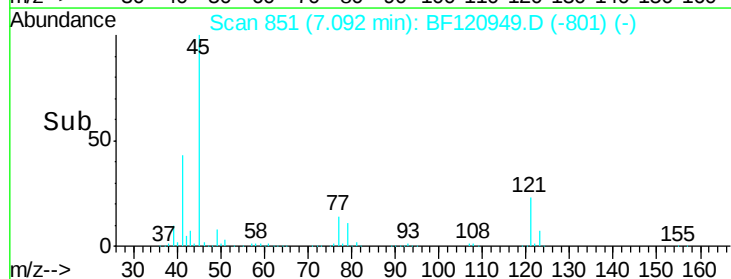
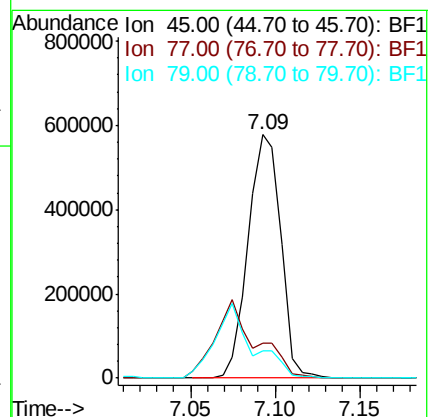
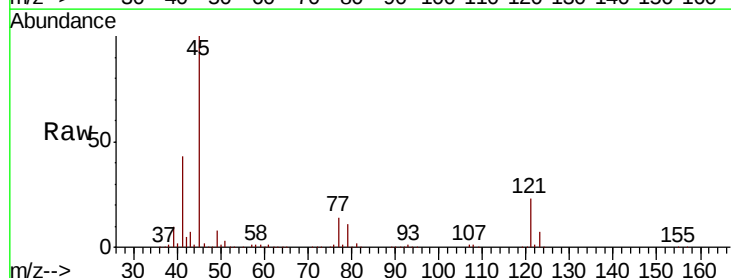
Tgt Ion: 45 Resp: 777613

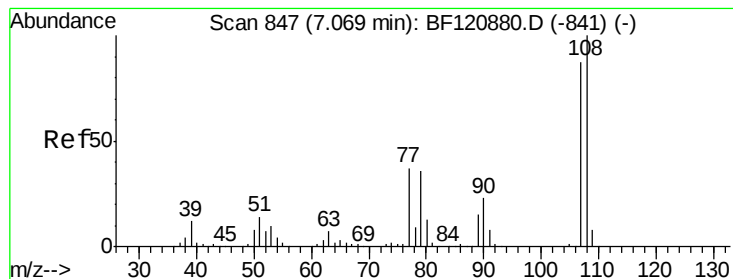
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.3

79 11.2 0.0 31.0





#17

2-Methylphenol

Concen: 39.972 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

Tot Ion:107 Resp: 465201

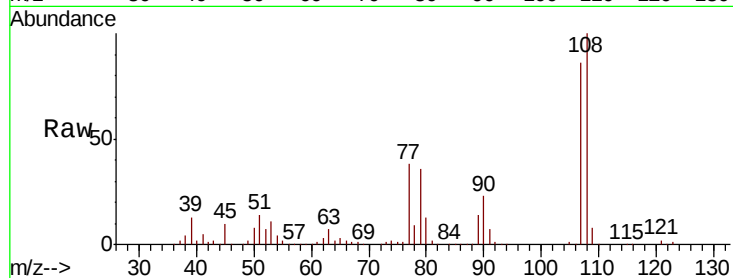
Ion Ratio Lower Upper

107 100

108 116.0 92.0 138.0

77 44.3 34.0 51.0

79 41.8 33.3 49.9

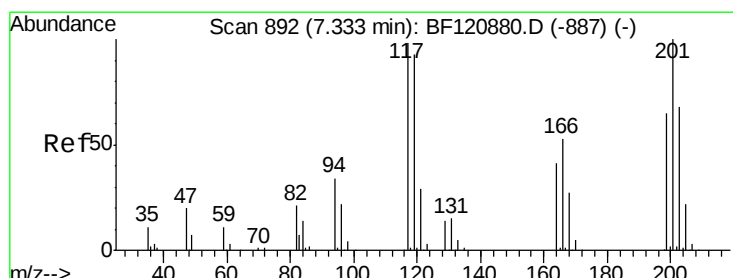
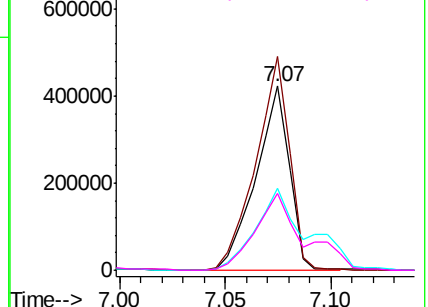
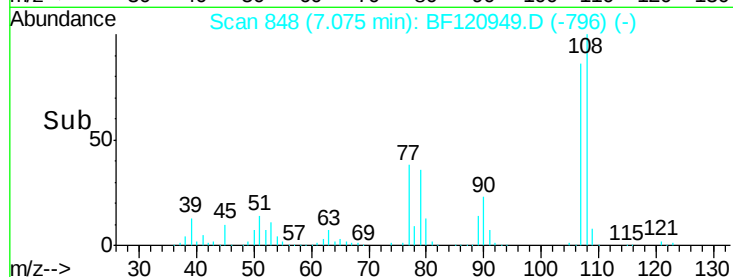


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.423 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

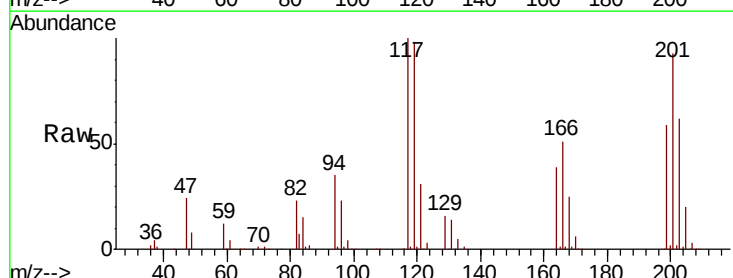
Tgt Ion:117 Resp: 227641

Ion Ratio Lower Upper

117 100

119 97.6 76.0 114.0

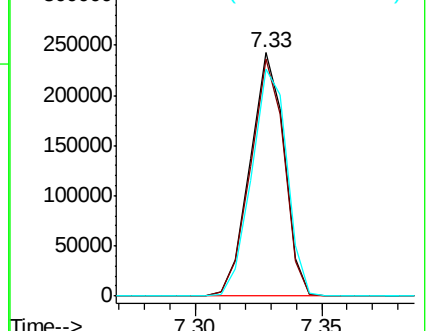
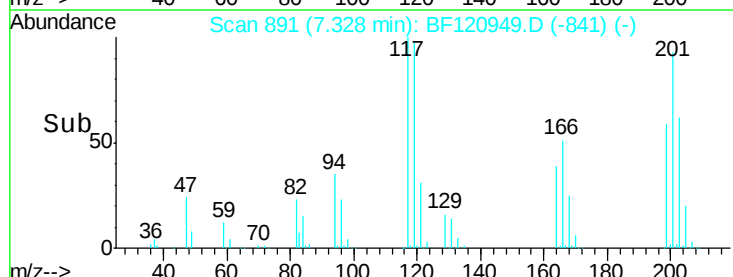
201 93.4 81.7 122.5

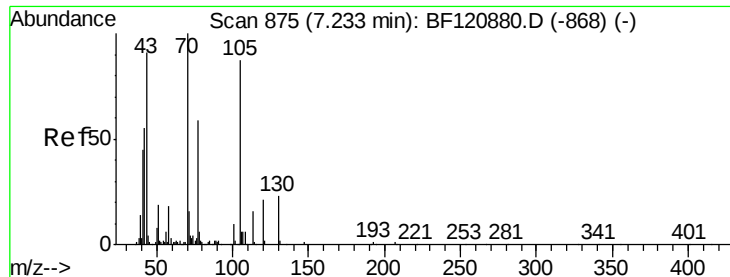


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

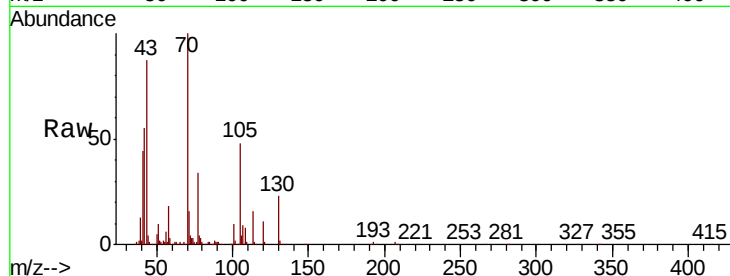




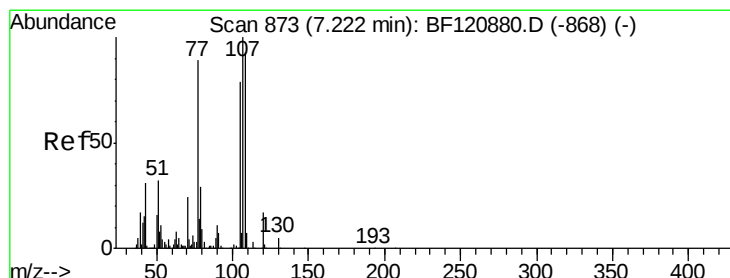
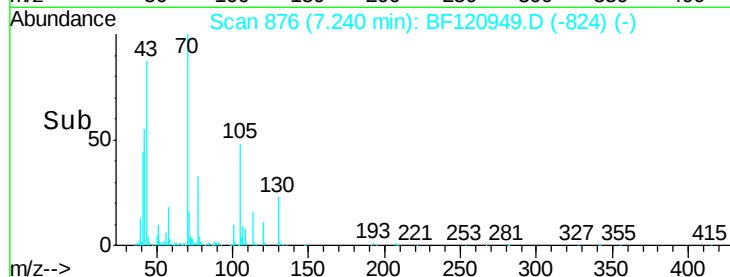
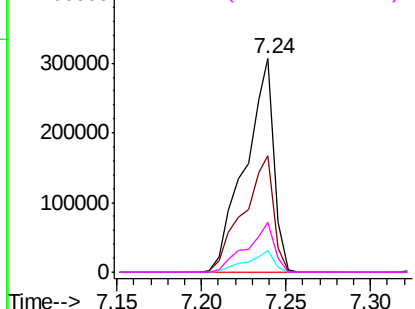
#19
n-Nitroso-di-n-propylamine
Concen: 41.747 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion: 70 Resp: 365505
Ion Ratio Lower Upper
70 100
42 54.7 44.0 66.0
101 10.1 7.8 11.6
130 23.5 18.7 28.1

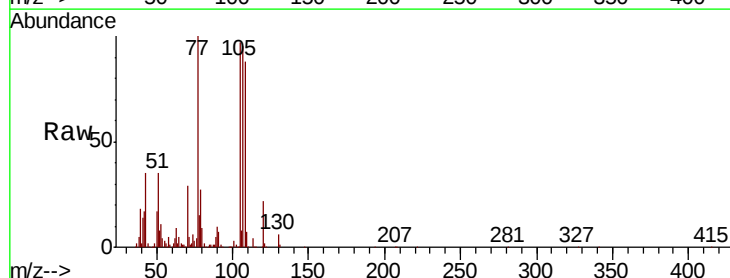


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

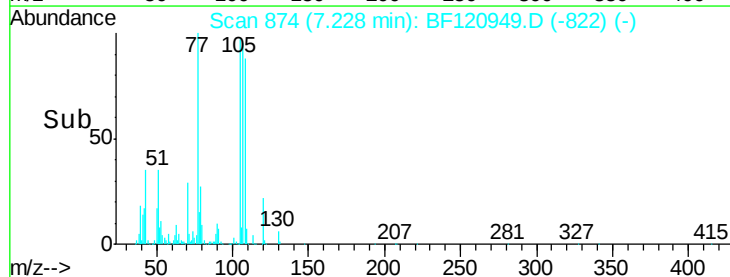
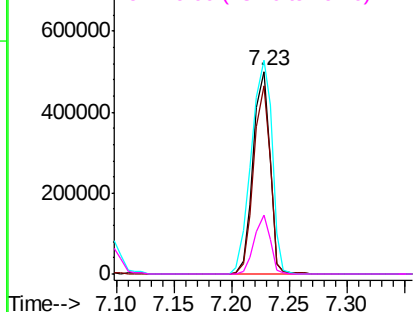


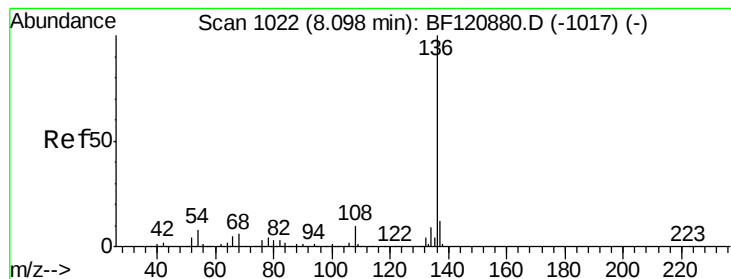
#20
3+4-Methylphenols
Concen: 34.499 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion: 107 Resp: 510759
Ion Ratio Lower Upper
107 100
108 93.1 72.8 112.8
77 105.5 68.7 108.7
79 28.9 8.5 48.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

Tot Ion:136 Resp: 750170

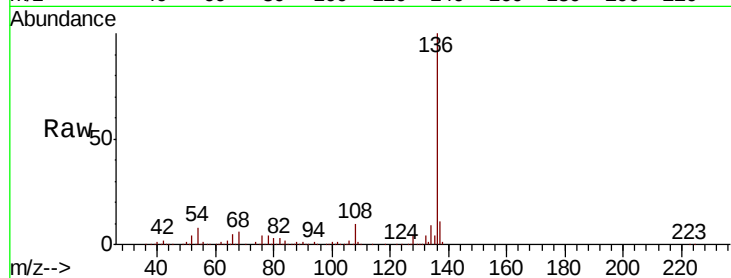
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.7 6.3 9.5

68 6.0 5.0 7.4

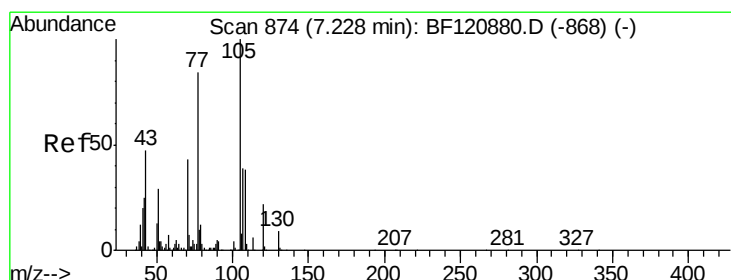
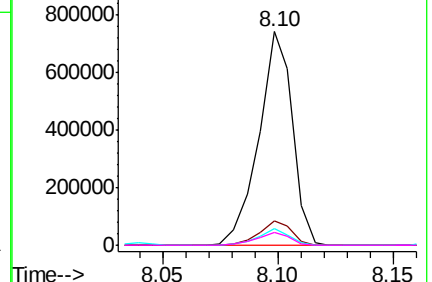
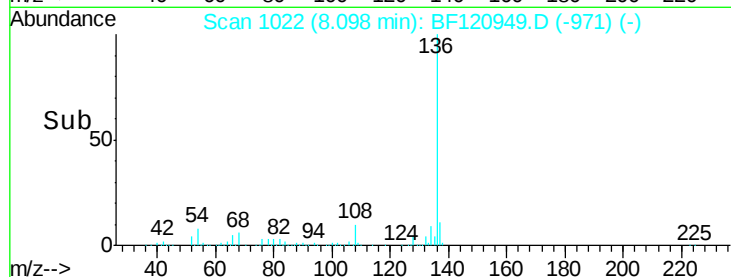


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.874 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:105 Resp: 704987

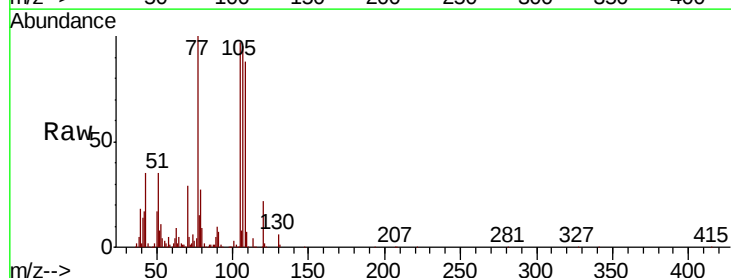
Ion Ratio Lower Upper

105 100

71 4.9 5.7 8.5#

51 36.3 22.9 34.3#

120 22.3 18.0 27.0

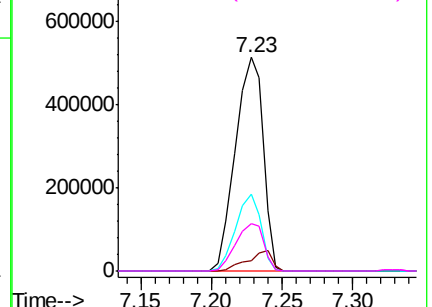
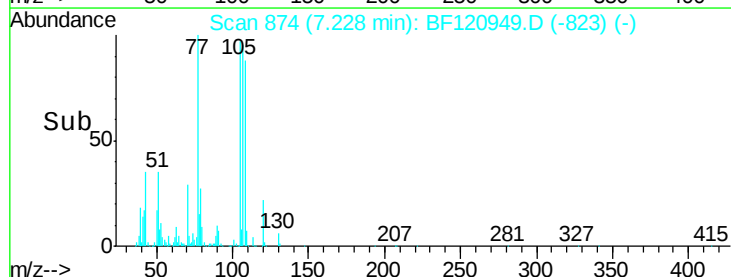


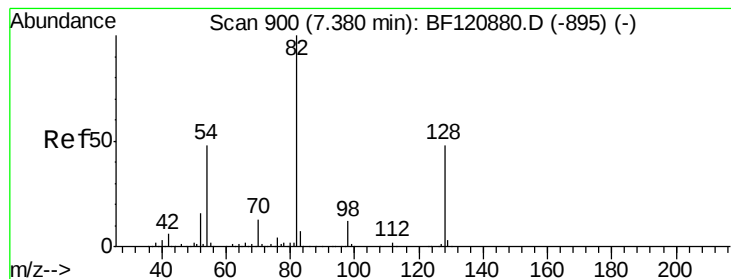
Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.765 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampled :

PB130301BS

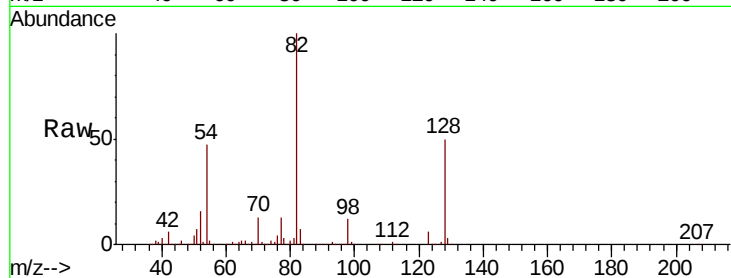
Tot Ion: 82 Resp: 1137838

Ion Ratio Lower Upper

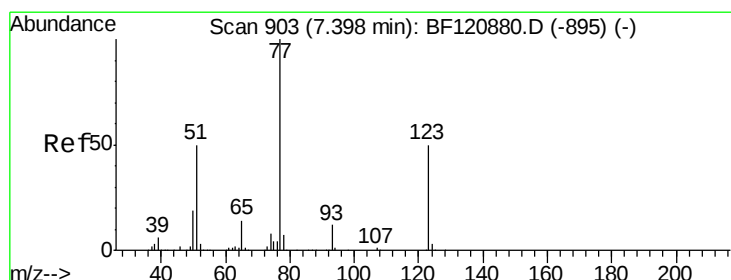
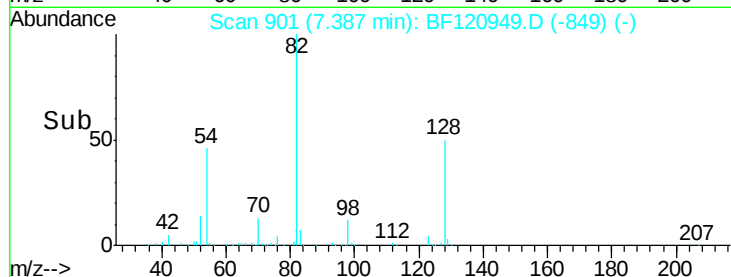
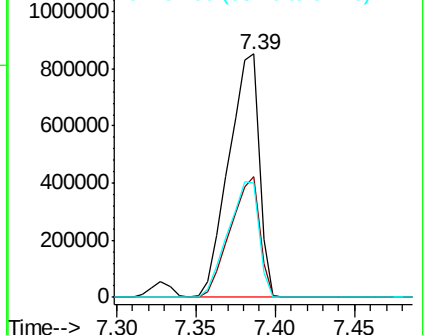
82 100

128 49.8 38.2 57.4

54 47.0 38.7 58.1



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



#24

Nitrobenzene

Concen: 42.146 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

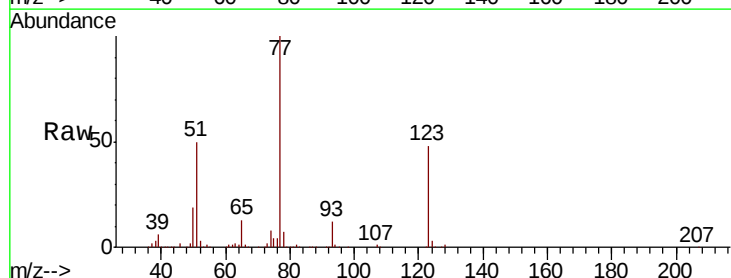
Tgt Ion: 77 Resp: 588917

Ion Ratio Lower Upper

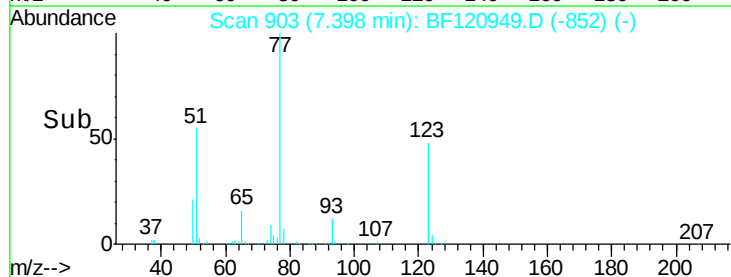
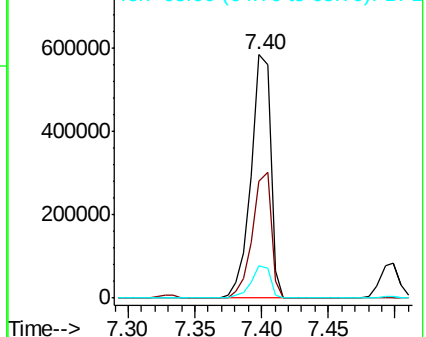
77 100

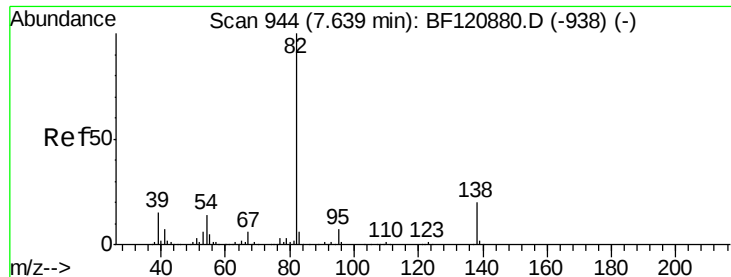
123 48.1 40.1 60.1

65 13.4 10.8 16.2



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





#25

Isophorone

Concen: 41.987 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

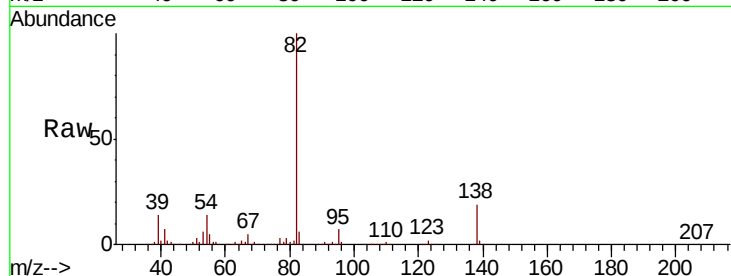
Tot Ion: 82 Resp: 1086379

Ion Ratio Lower Upper

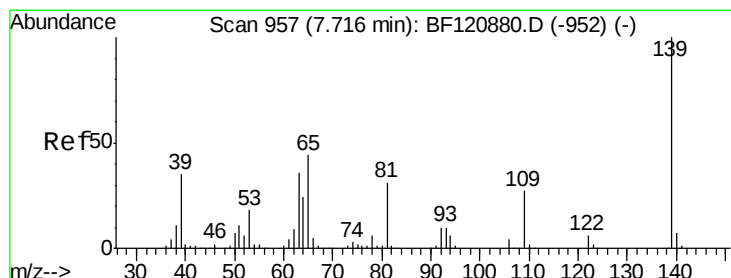
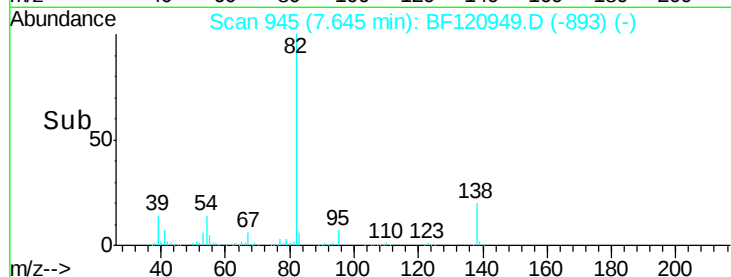
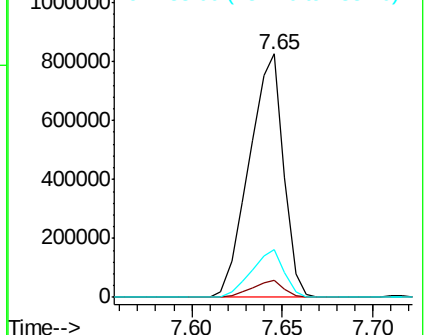
82 100

95 6.8 5.5 8.3

138 19.5 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.592 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

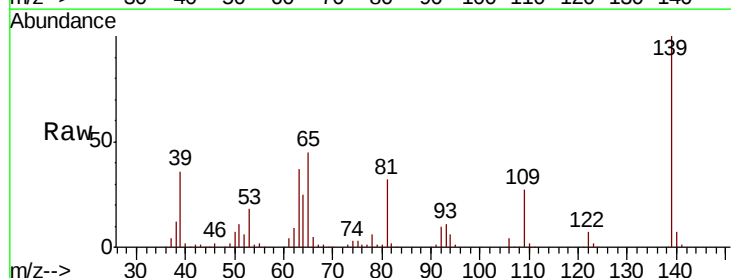
Tgt Ion: 139 Resp: 315840

Ion Ratio Lower Upper

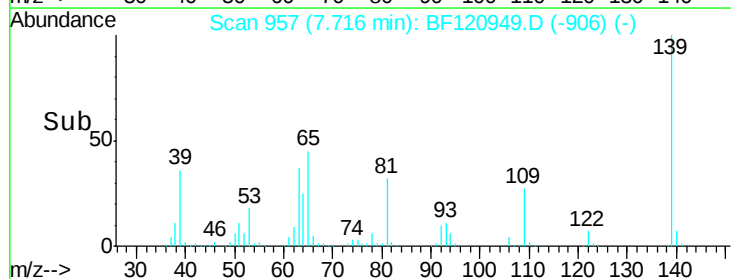
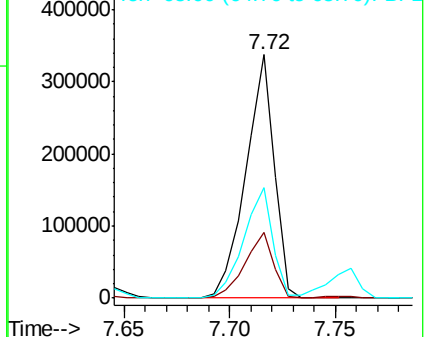
139 100

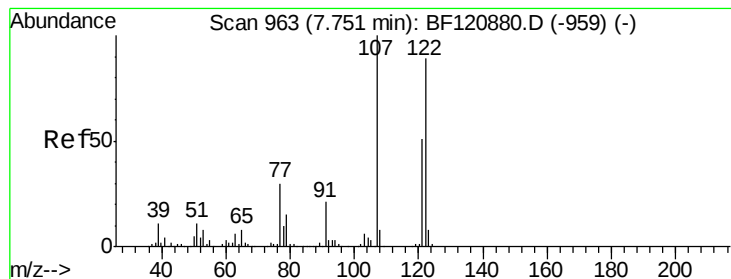
109 27.0 21.6 32.4

65 45.2 35.3 52.9



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





#27

2,4-Dimethylphenol

Concen: 44.763 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

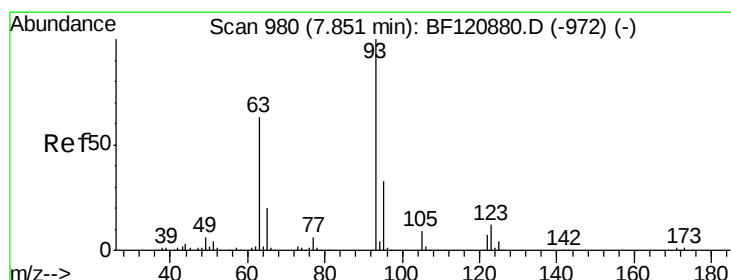
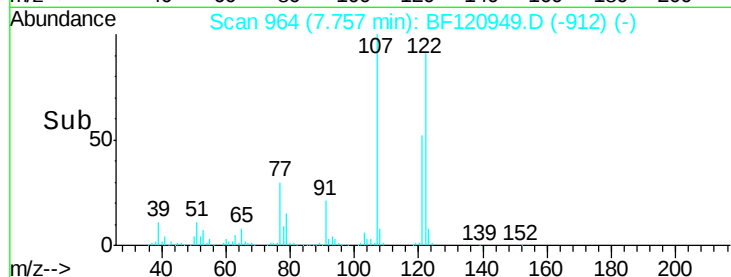
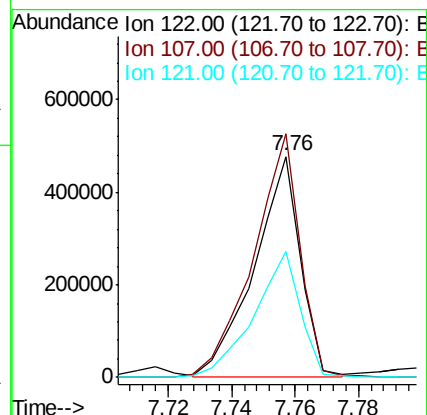
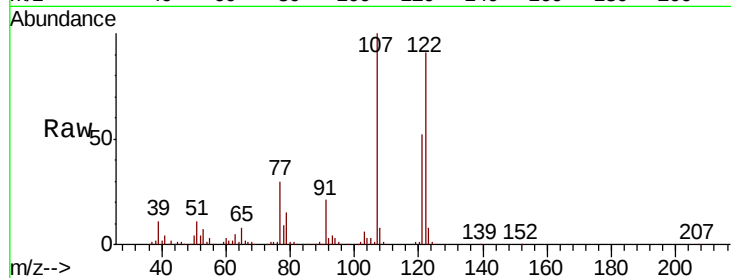
Tot Ion:122 Resp: 482315

Ion Ratio Lower Upper

122 100

107 110.2 89.4 134.0

121 57.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.201 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

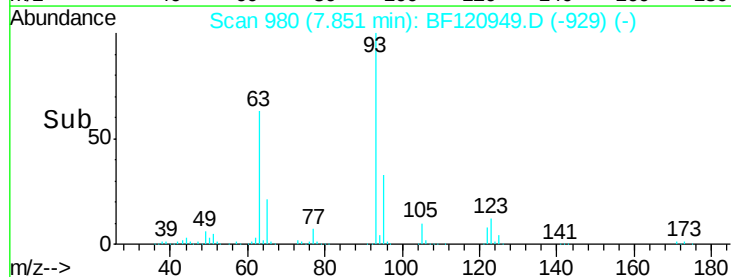
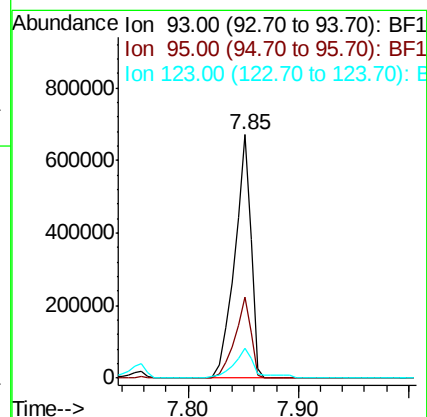
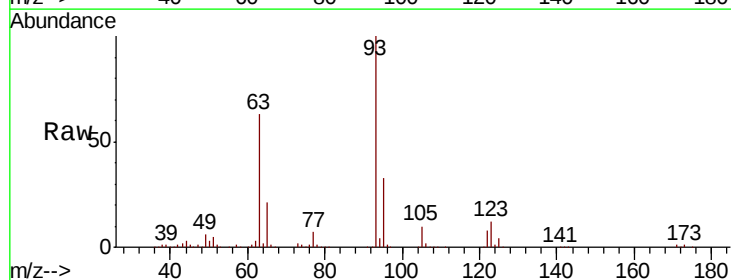
Tgt Ion: 93 Resp: 698120

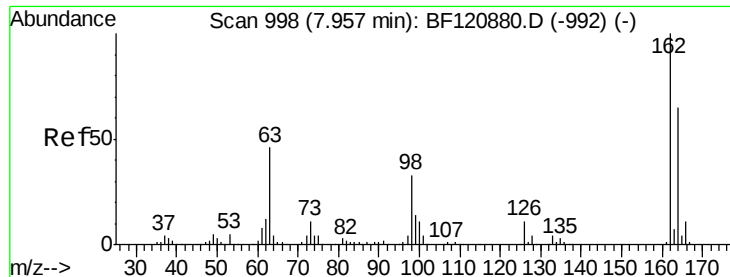
Ion Ratio Lower Upper

93 100

95 33.1 26.6 39.8

123 12.2 10.0 15.0

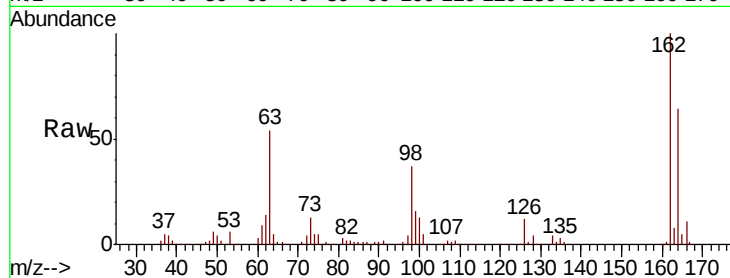




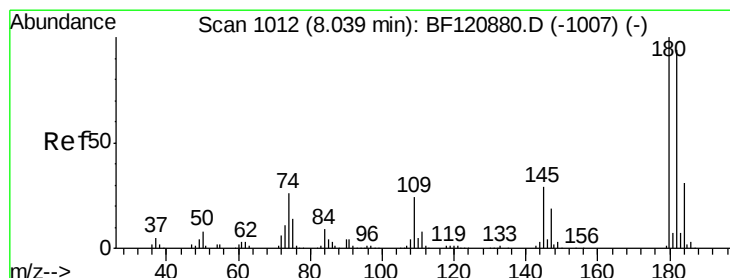
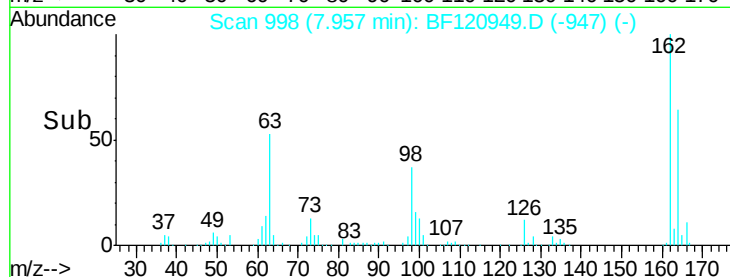
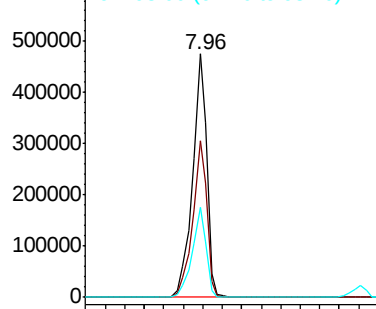
#29
2,4-Dichlorophenol
Concen: 43.697 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.3	85.3
98	37.1	13.3	53.3

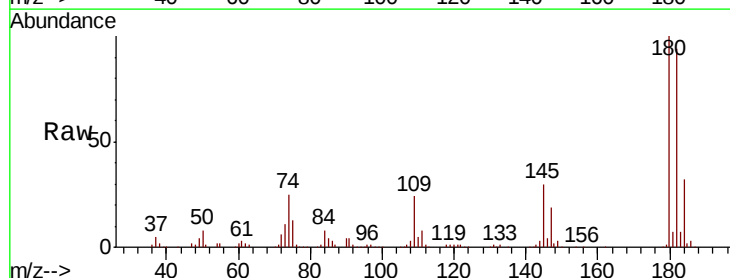


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

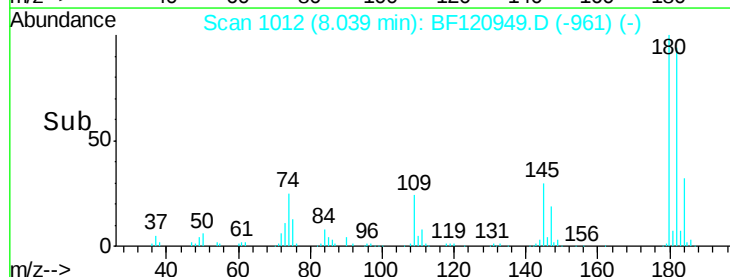
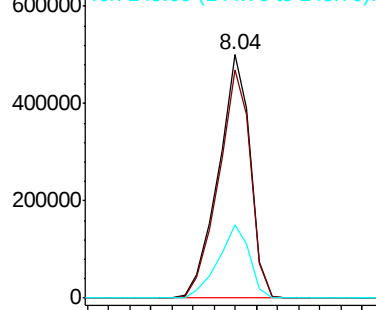


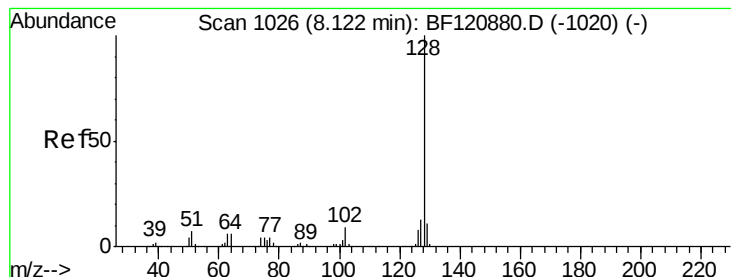
#30
1,2,4-Trichlorobenzene
Concen: 42.776 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.0	112.6
145	30.0	23.5	35.3



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





#31

Naphthalene

Concen: 41.796 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

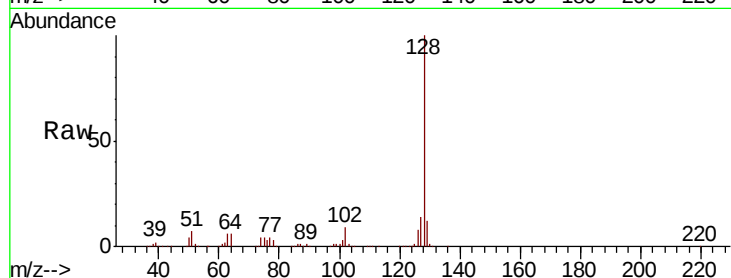
Tot Ion:128 Resp: 1608301

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

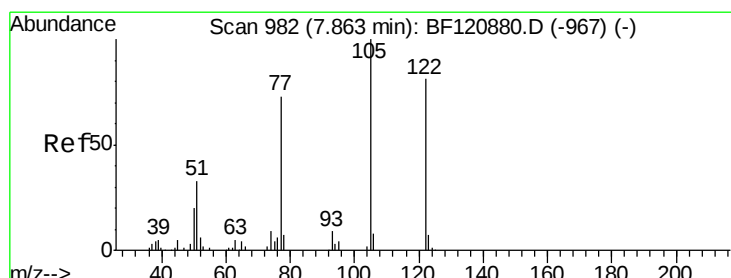
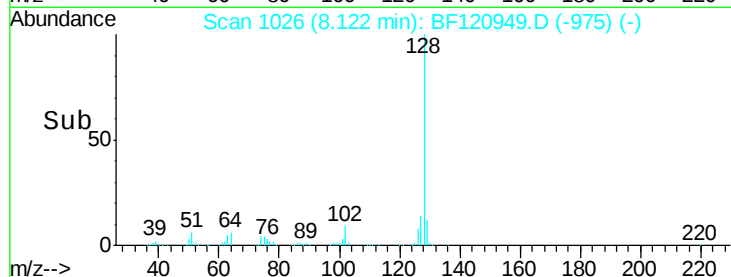
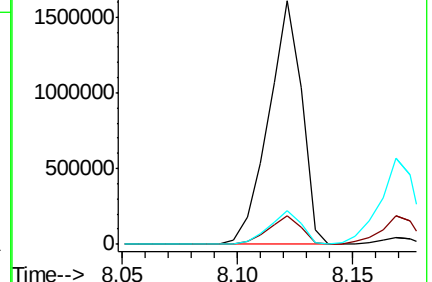
127 13.6 10.7 16.1



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: 45.513 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.02 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

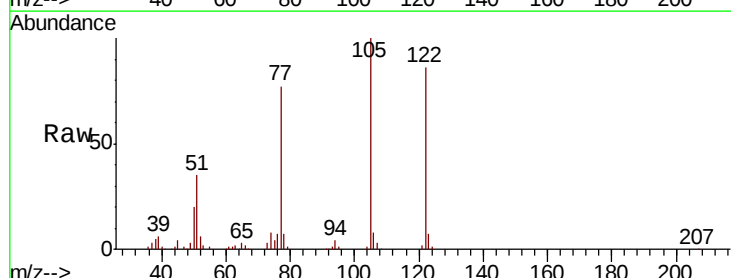
Tgt Ion:122 Resp: 368123

Ion Ratio Lower Upper

122 100

105 116.5 101.3 141.3

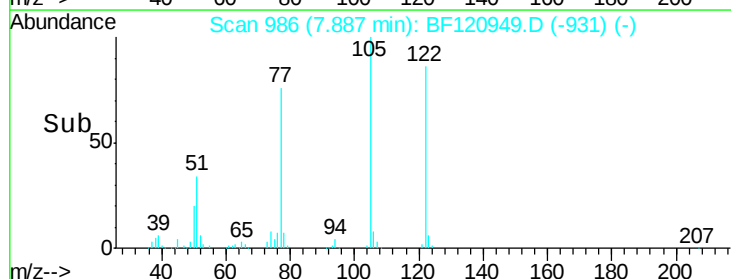
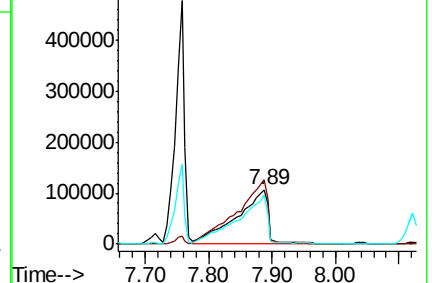
77 89.3 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

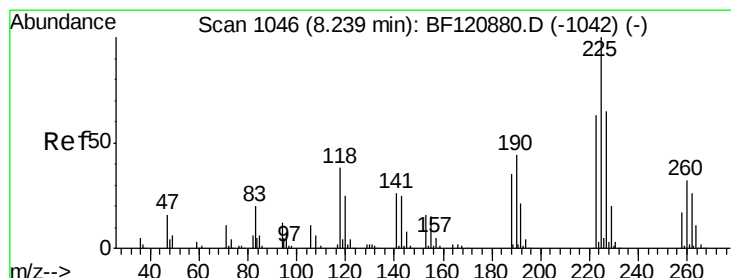
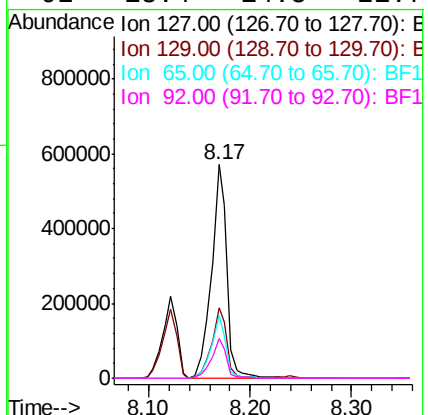
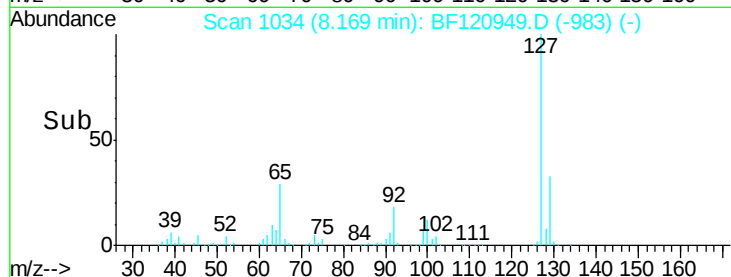
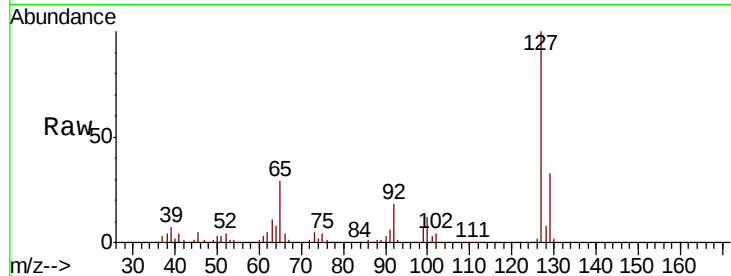




#33
4-Chloroaniline
Concen: 35.106 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

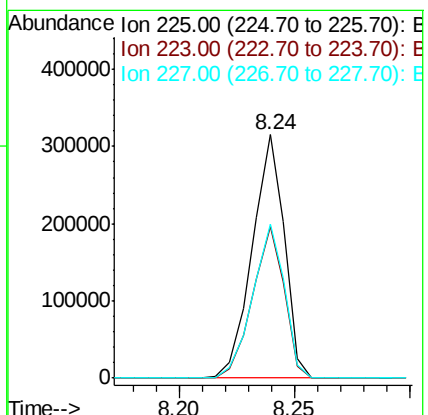
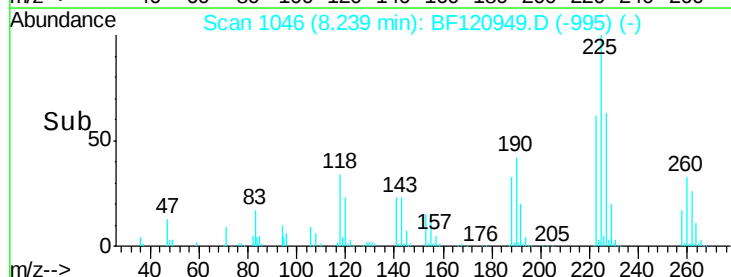
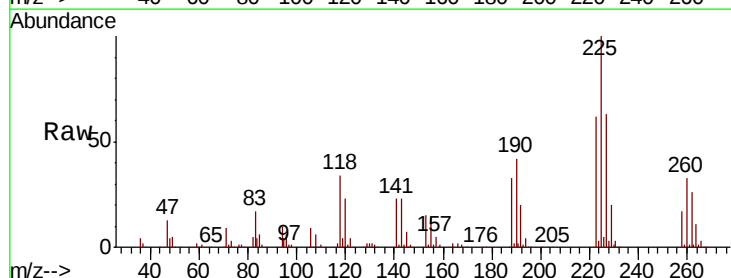
Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:	127	Resp:	602625
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	29.1	23.0	34.4
92	18.4	14.5	21.7



#34
Hexachlorobutadiene
Concen: 42.328 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:	225	Resp:	304811
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.3	52.2	78.2

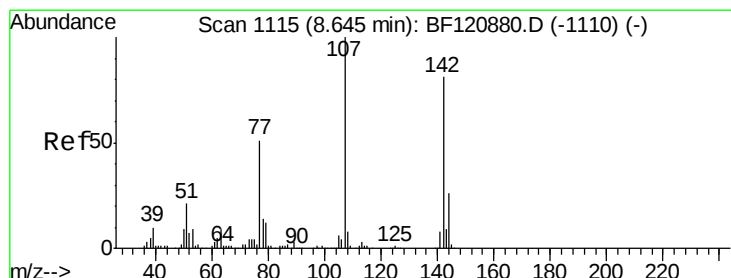
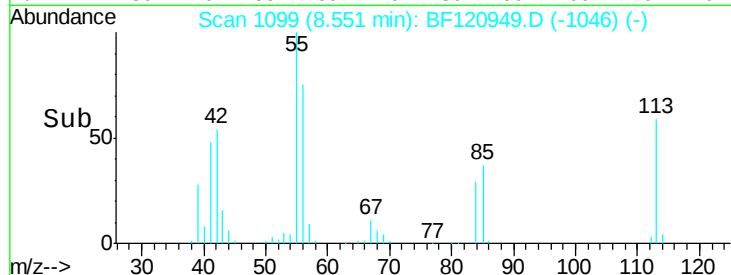
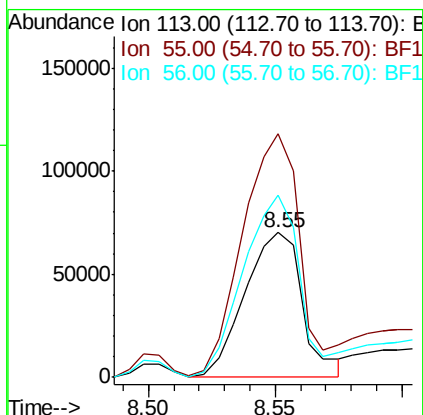
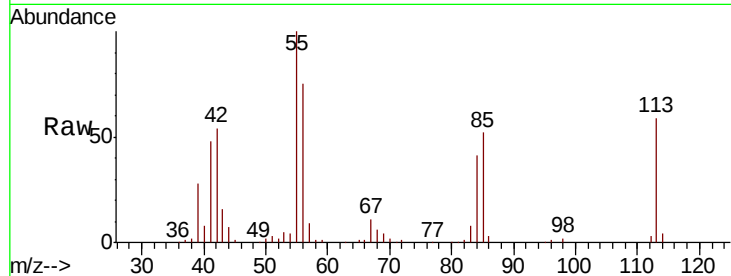




#35
Caprolactam
Concen: 31.444 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

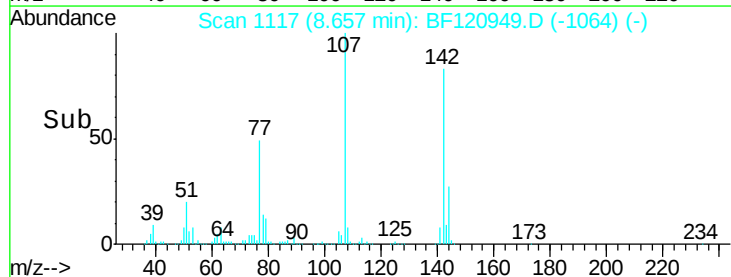
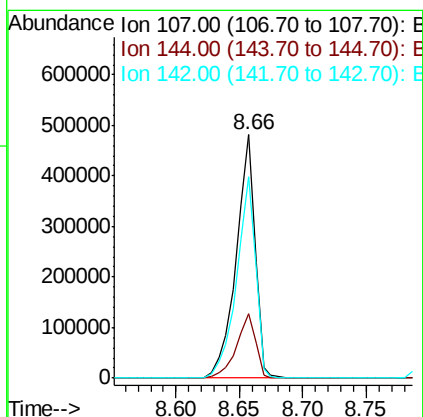
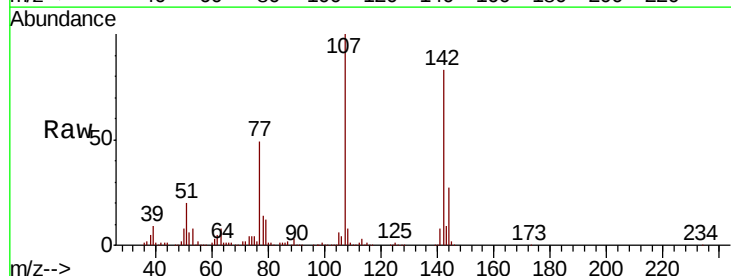
Instrument :
BNA_F
ClientSampleId :
PB130301BS

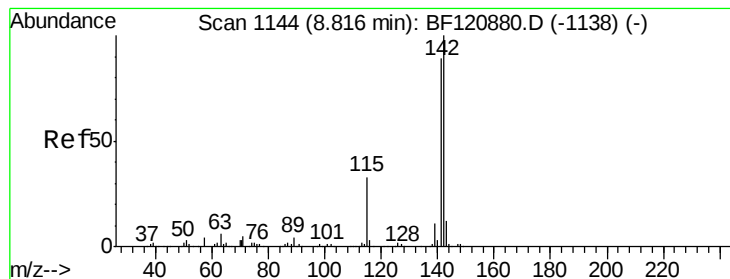
Tot Ion:113 Resp: 111023
Ion Ratio Lower Upper
113 100
55 168.3 143.3 183.3
56 125.7 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 43.753 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:107 Resp: 494066
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.6
142 83.0 65.0 97.6





#37

2-Methylnaphthalene

Concen: 43.183 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

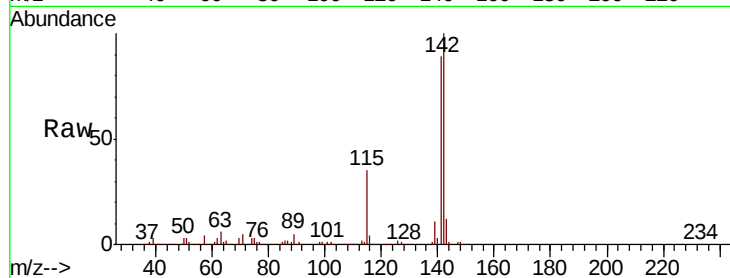
Tot Ion:142 Resp: 1078945

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.4

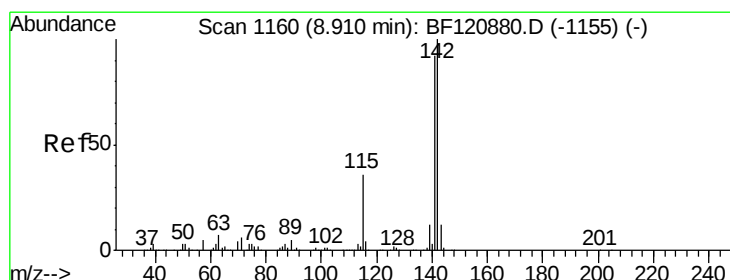
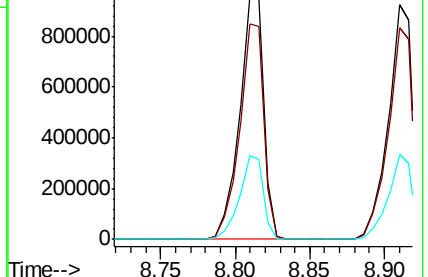
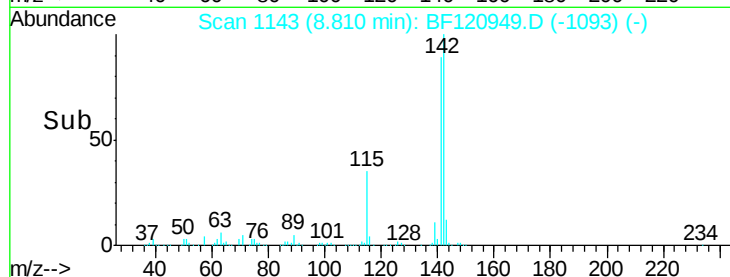
115 34.5 26.0 39.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.070 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

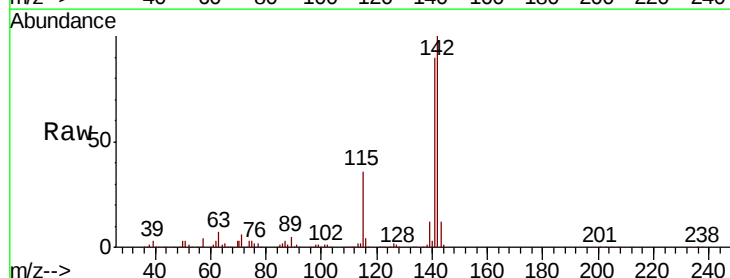
Tgt Ion:142 Resp: 1019188

Ion Ratio Lower Upper

142 100

141 90.2 73.7 110.5

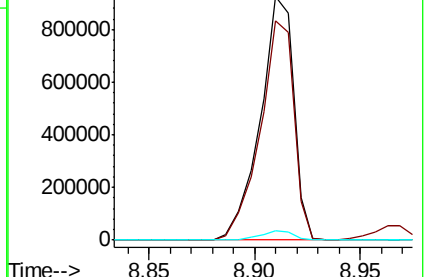
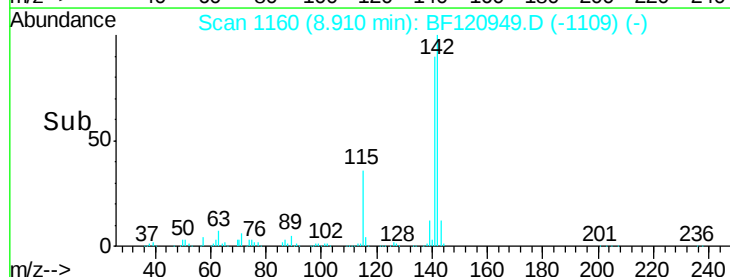
116 3.8 3.0 4.6

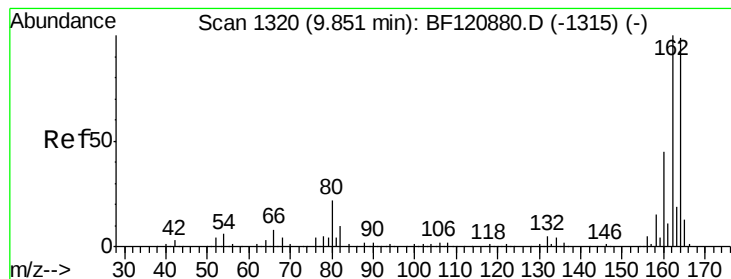


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

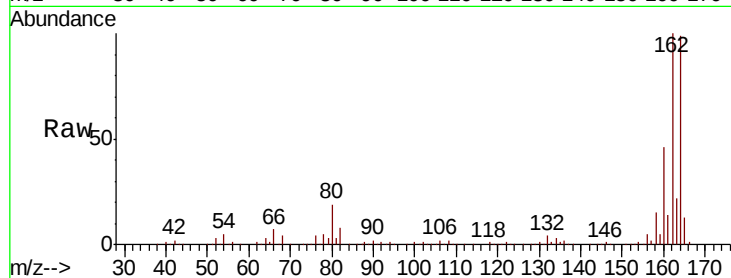
Tot Ion:164 Resp: 389638

Ion Ratio Lower Upper

164 100

162 100.7 81.2 121.8

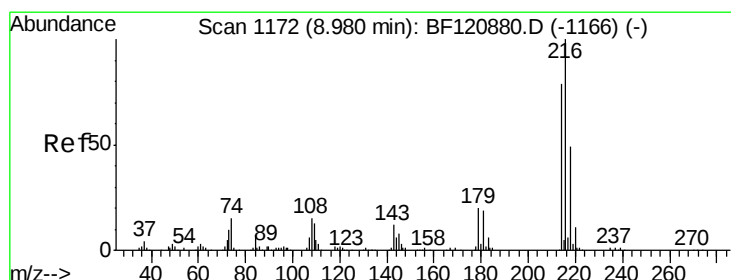
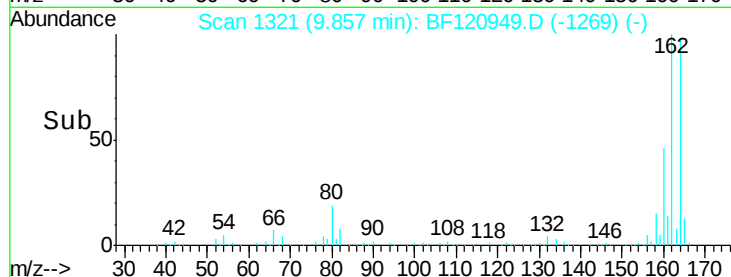
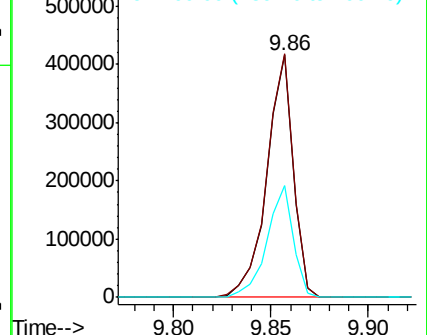
160 46.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.459 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:216 Resp: 459301

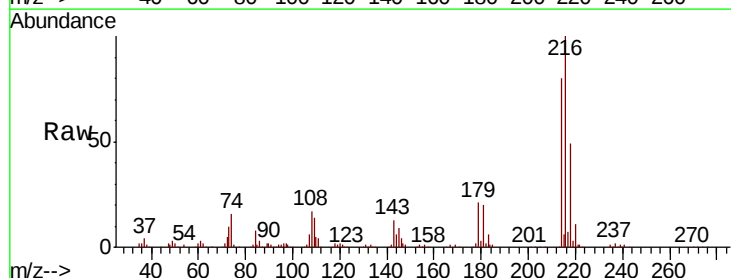
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 20.7 16.6 24.8

108 20.6 15.4 23.0

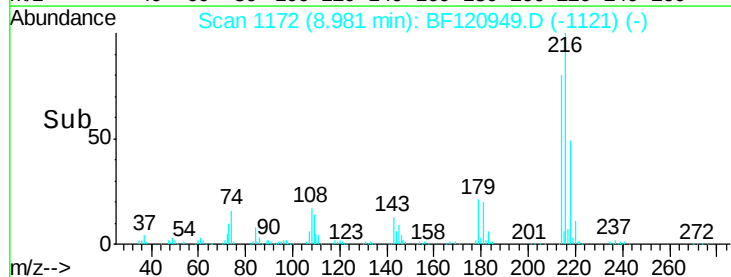
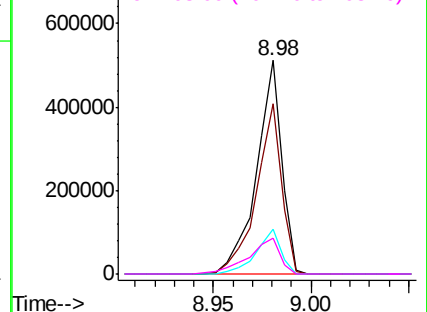


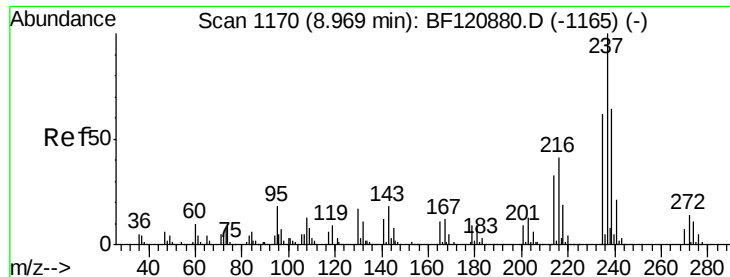
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.763 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

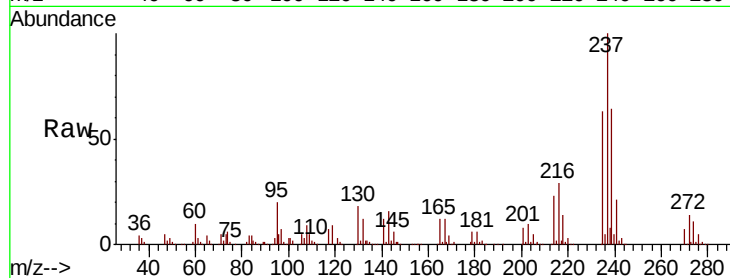
Tot Ion:237 Resp: 513001

Ion Ratio Lower Upper

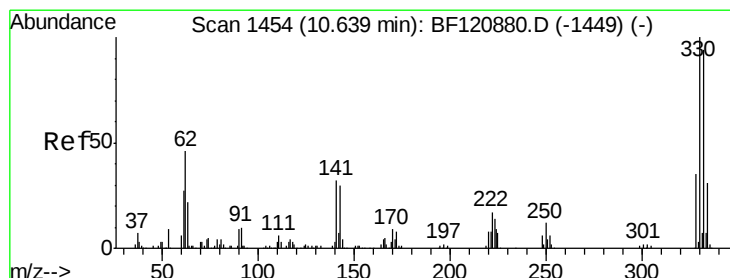
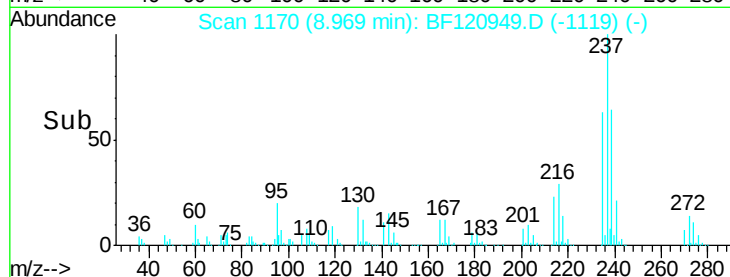
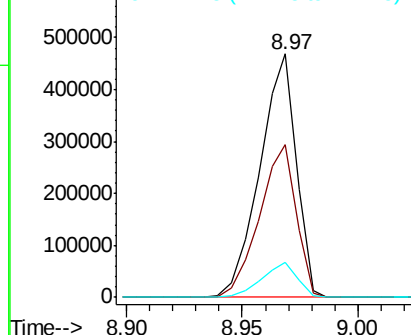
237 100

235 63.0 41.6 81.6

272 14.4 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: 118.618 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

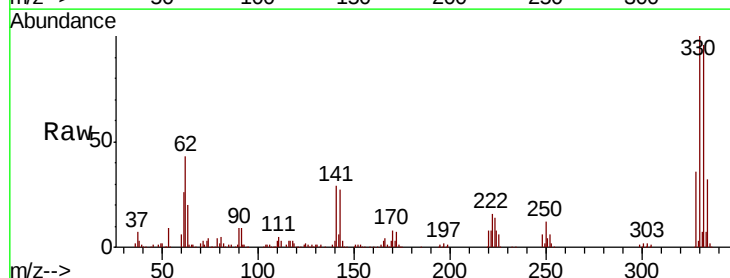
Tgt Ion:330 Resp: 505903

Ion Ratio Lower Upper

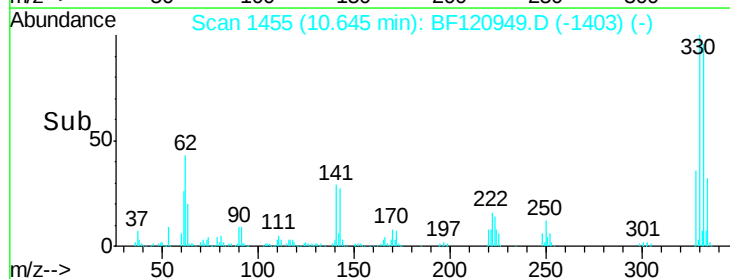
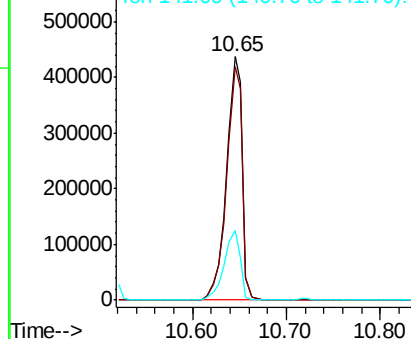
330 100

332 96.0 75.5 113.3

141 29.5 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

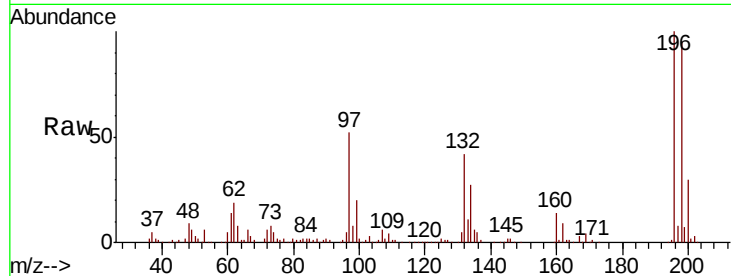




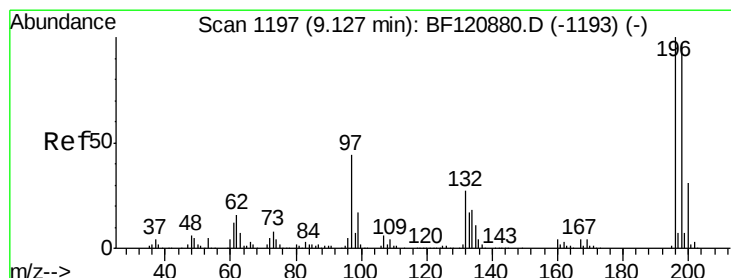
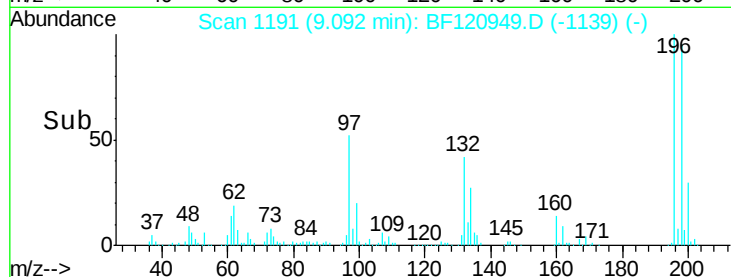
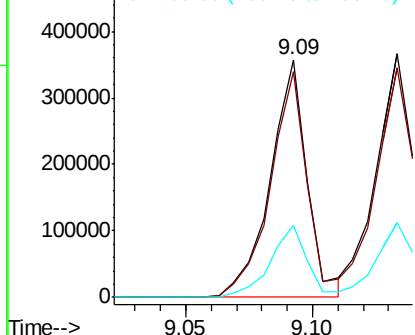
#43
 2,4,6-Trichlorophenol
 Concen: 45.491 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Tot Ion:196 Resp: 363614
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 200 30.4 24.4 36.6

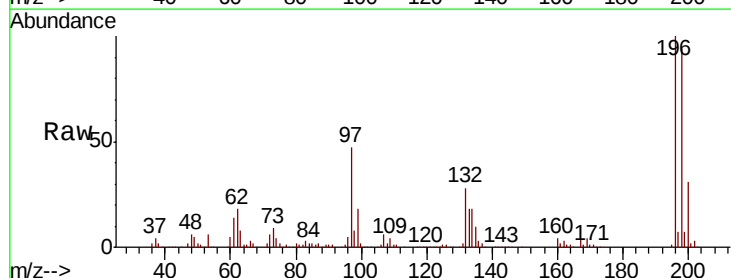


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

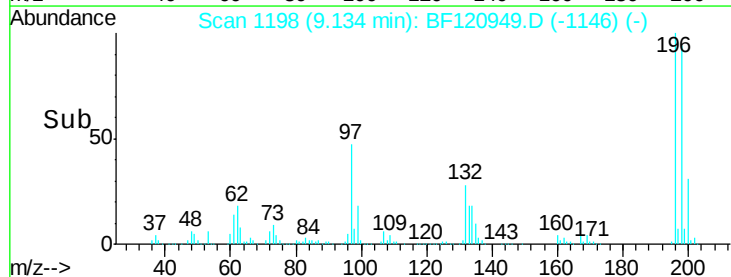
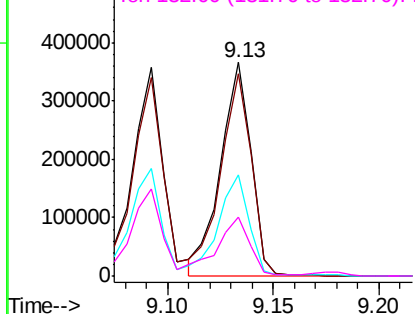


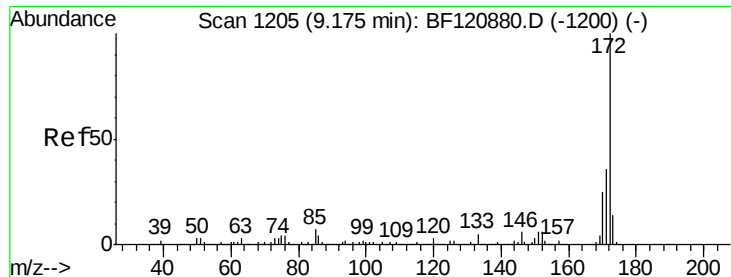
#44
 2,4,5-Trichlorophenol
 Concen: 40.221 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion:196 Resp: 364674
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.6 116.4
 97 47.4 35.6 53.4
 132 27.8 21.5 32.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

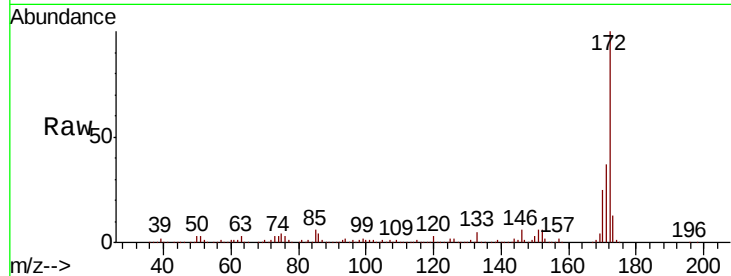




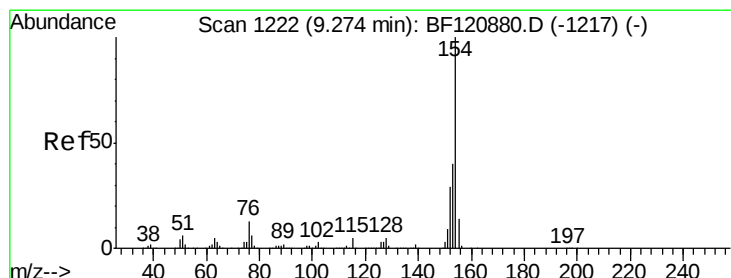
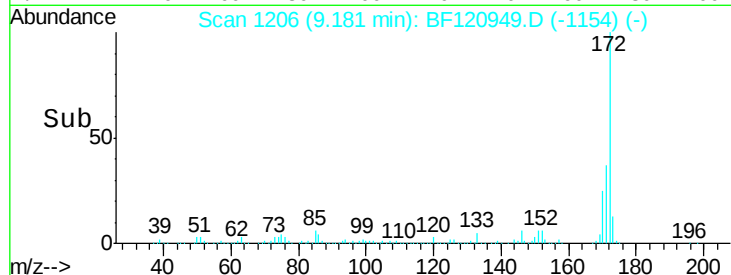
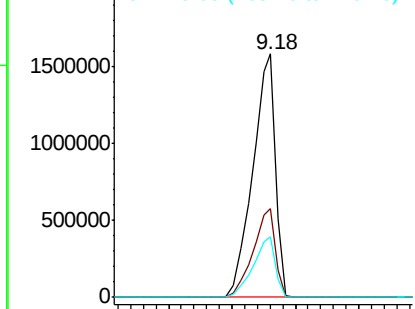
#45
2-Fluorobiphenyl
Concen: 75.772 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:172 Resp: 1977408
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.7 19.6 29.4

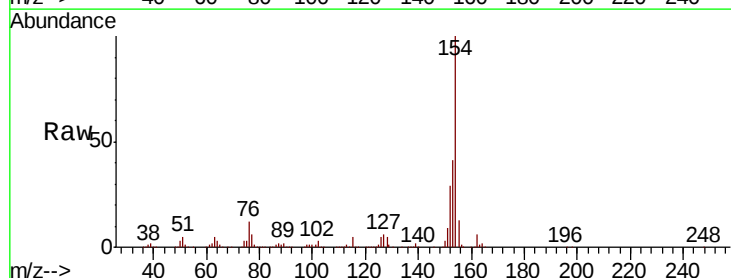


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

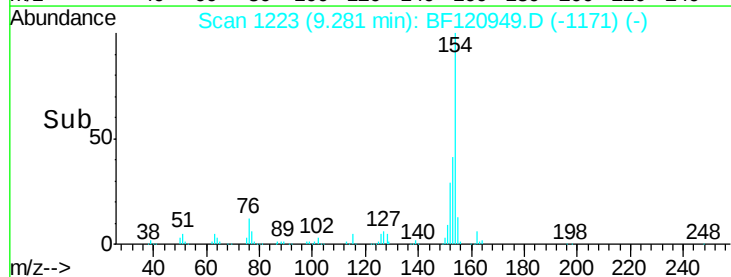
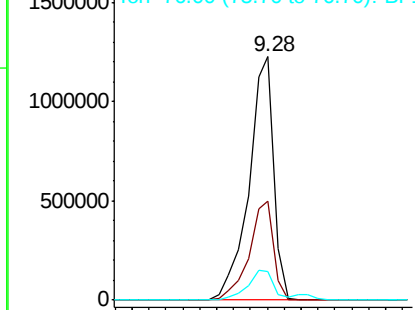


#46
1,1'-Biphenyl
Concen: 42.161 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:154 Resp: 1253105
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.7 0.0 33.1



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

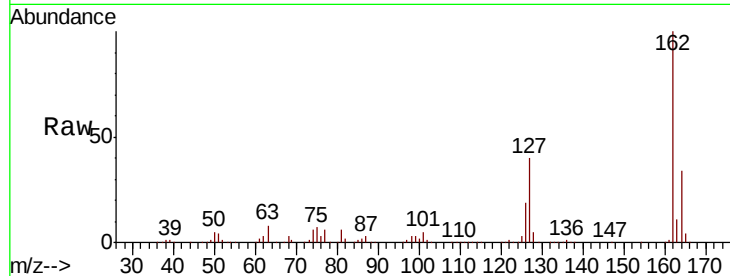




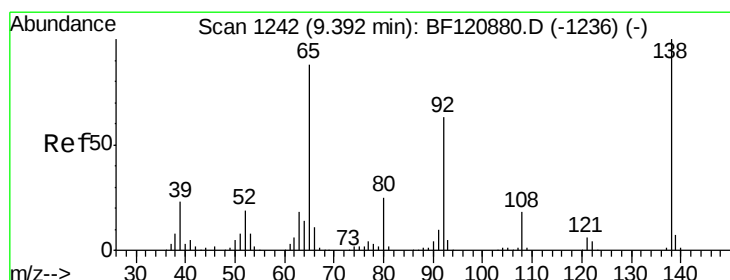
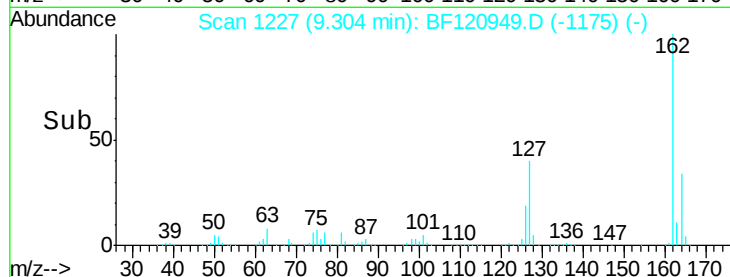
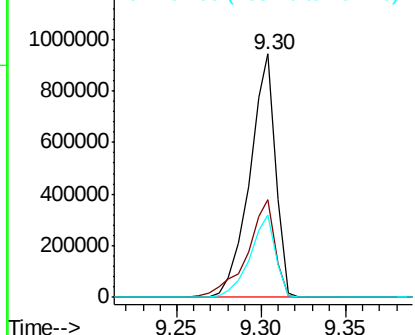
#47
 2-Chloronaphthalene
 Concen: 41.500 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Tot Ion:162 Resp: 1005634
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.3 49.9
 164 33.8 26.6 39.8

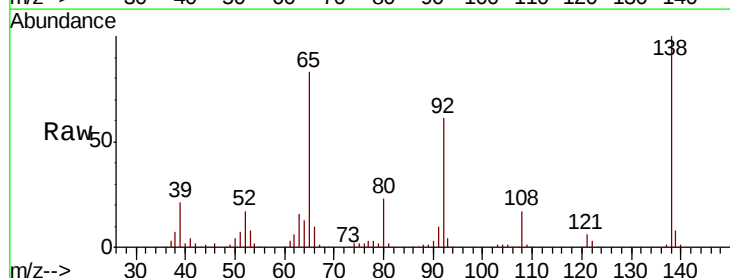


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

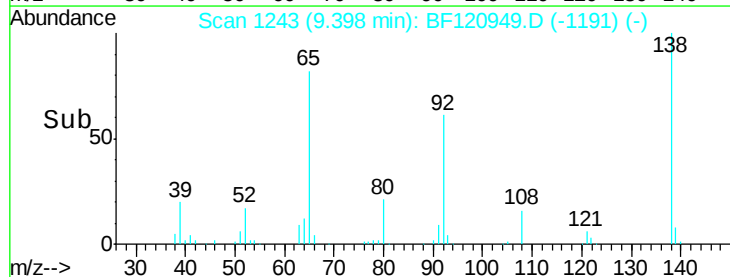
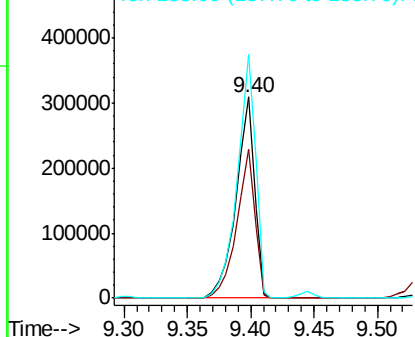


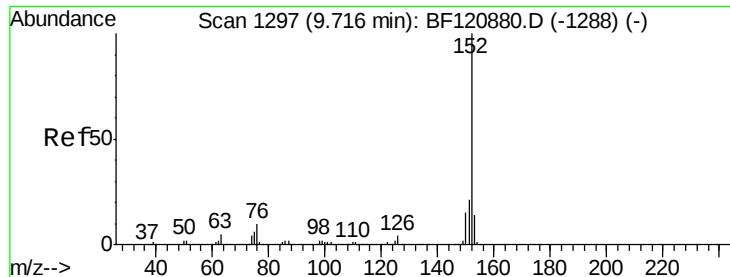
#48
 2-Nitroaniline
 Concen: 42.414 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion: 65 Resp: 310601
 Ion Ratio Lower Upper
 65 100
 92 73.9 57.0 85.4
 138 121.0 90.4 135.6



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





#49

Acenaphthylene

Concen: 40.998 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

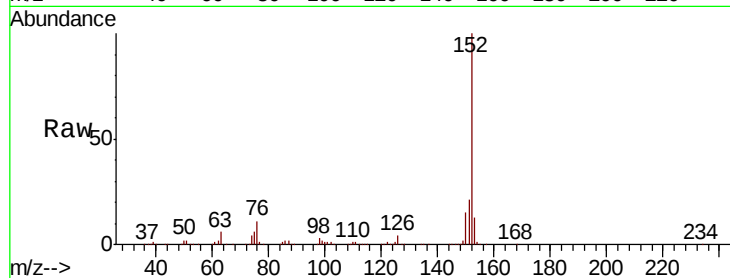
Tot Ion:152 Resp: 1543368

Ion Ratio Lower Upper

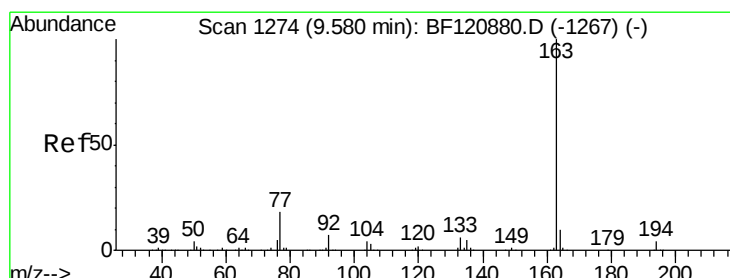
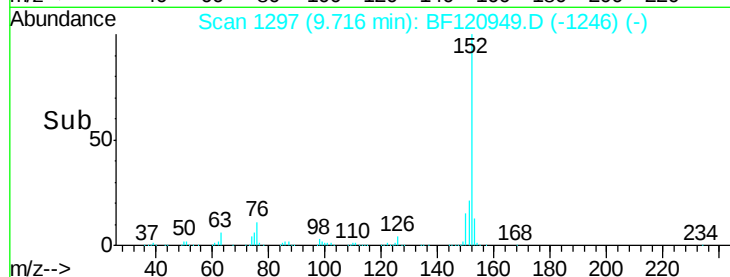
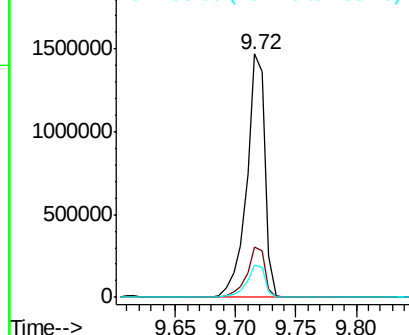
152 100

151 20.8 16.6 25.0

153 13.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.038 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

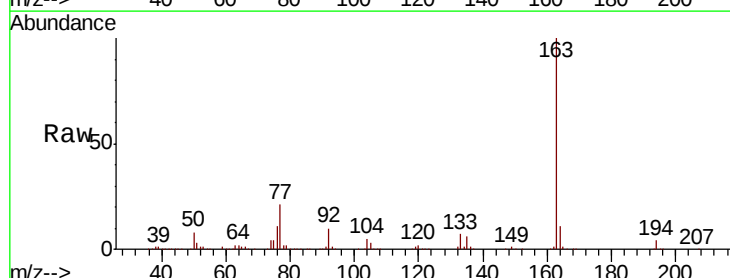
Tgt Ion:163 Resp: 1181682

Ion Ratio Lower Upper

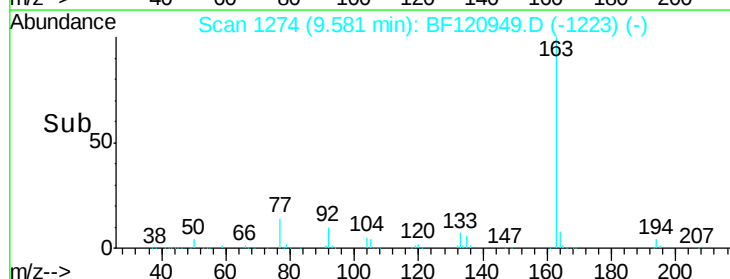
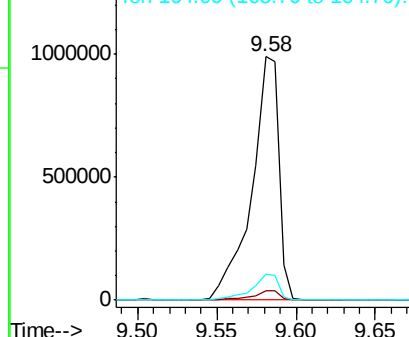
163 100

194 3.8 3.2 4.8

164 10.7 7.9 11.9



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





#51

2,6-Dinitrotoluene

Concen: 44.743 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

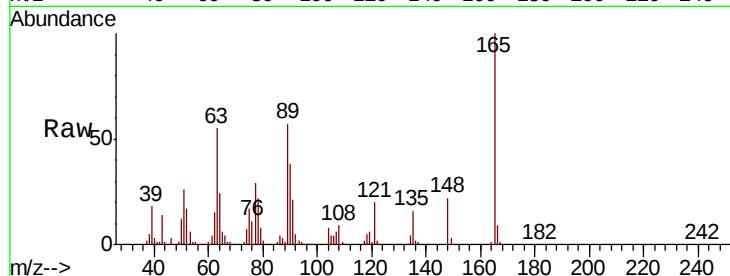
Tot Ion:165 Resp: 270213

Ion Ratio Lower Upper

165 100

63 55.2 45.4 68.2

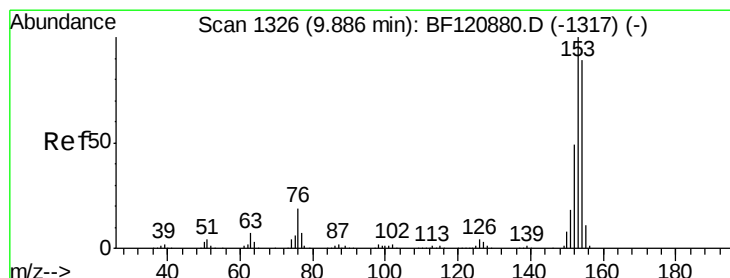
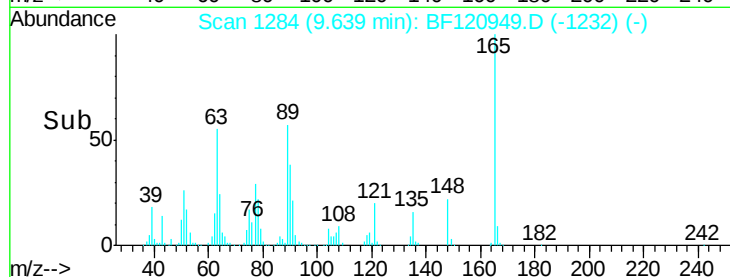
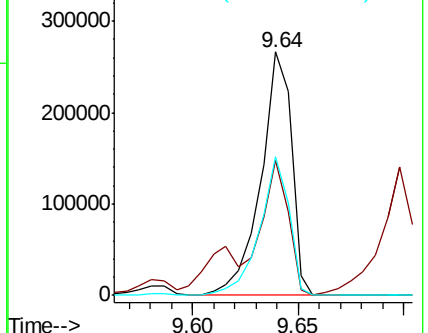
89 56.7 47.0 70.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.279 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

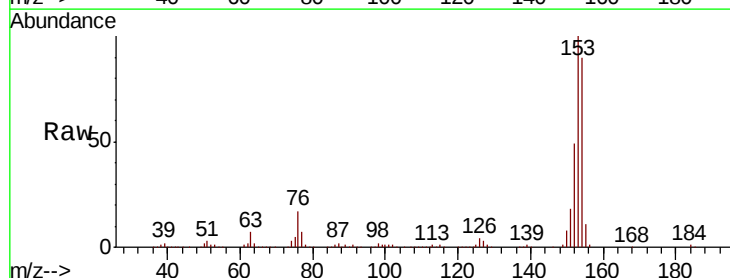
Tgt Ion:154 Resp: 940084

Ion Ratio Lower Upper

154 100

153 110.7 89.5 134.3

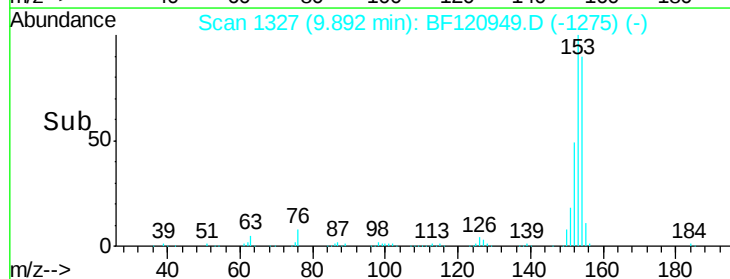
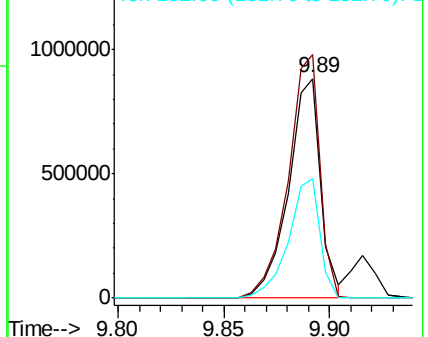
152 54.3 44.2 66.2

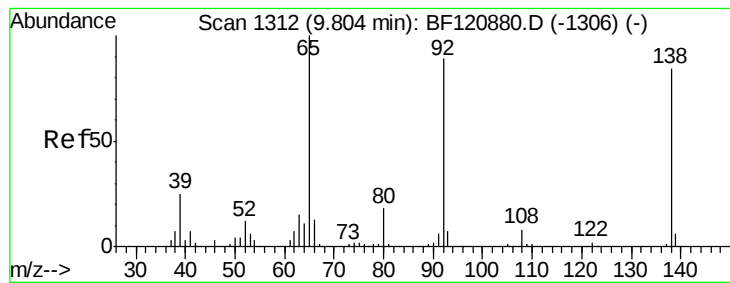


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 33.463 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

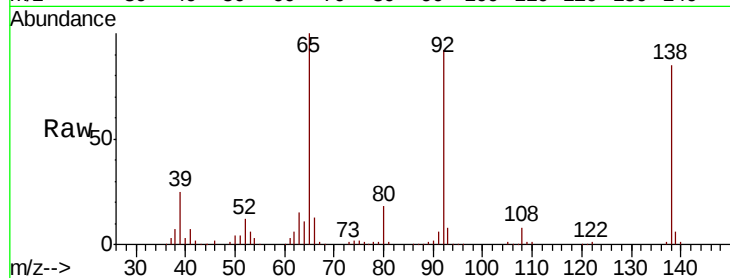
Tot Ion:138 Resp: 253459

Ion Ratio Lower Upper

138 100

108 9.7 7.9 11.9

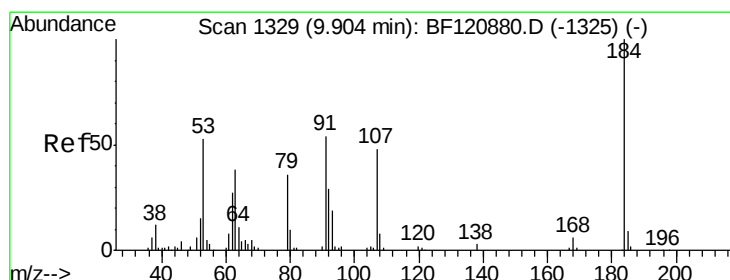
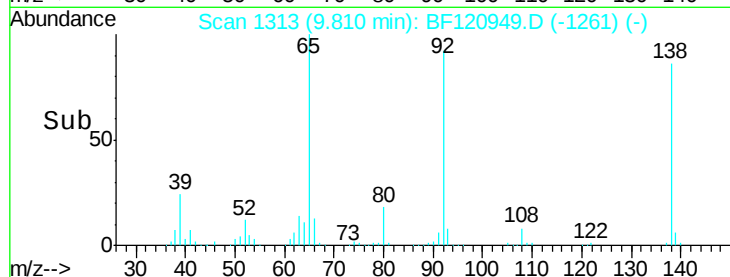
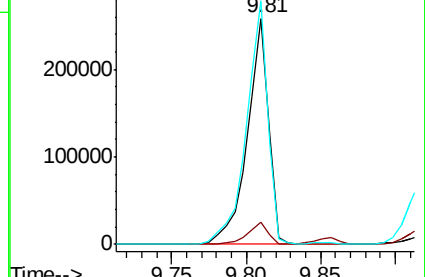
92 107.6 85.3 127.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 80.253 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

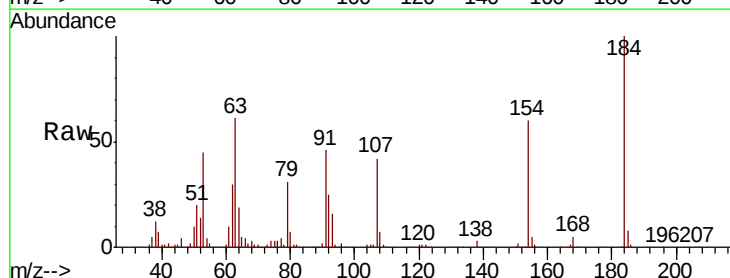
Tgt Ion:184 Resp: 279052

Ion Ratio Lower Upper

184 100

63 60.8 57.9 86.9

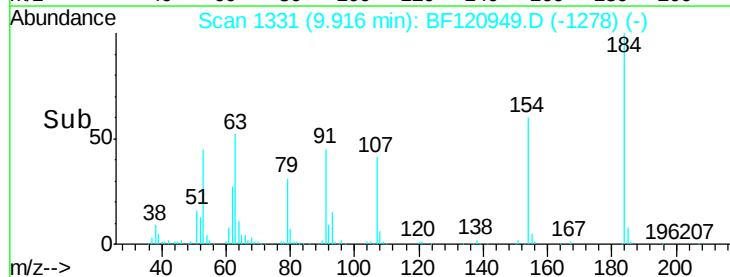
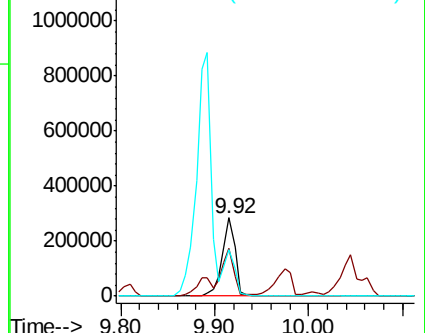
154 60.0 52.6 78.8

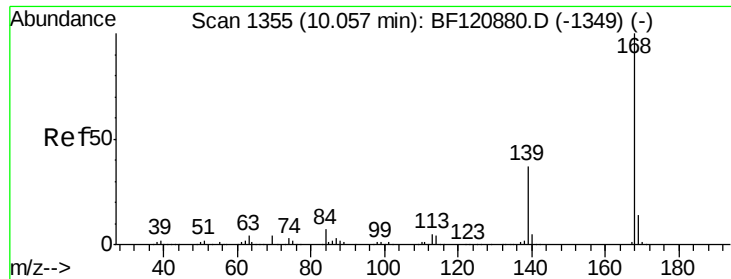


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

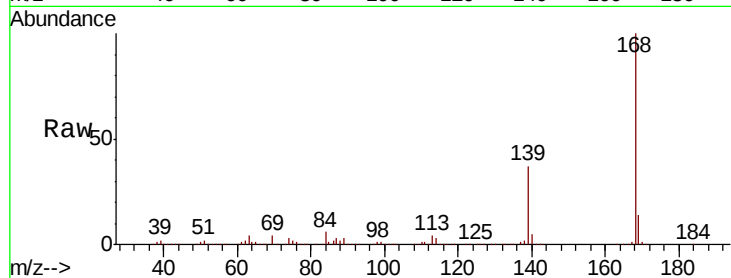




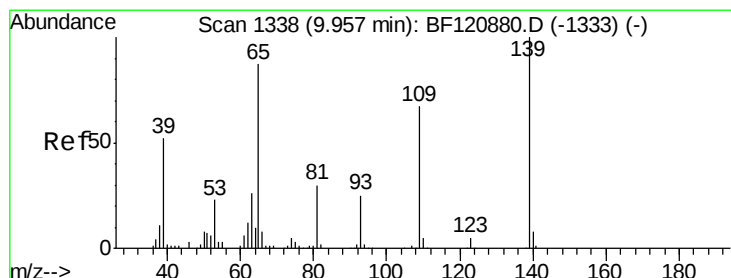
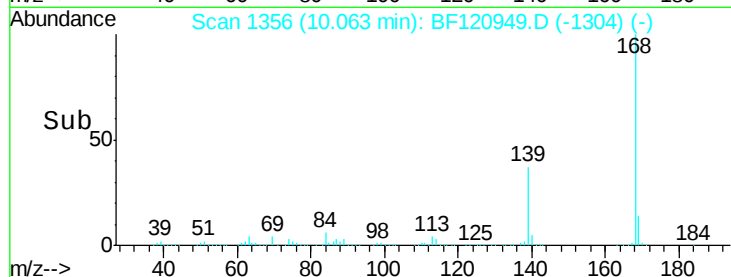
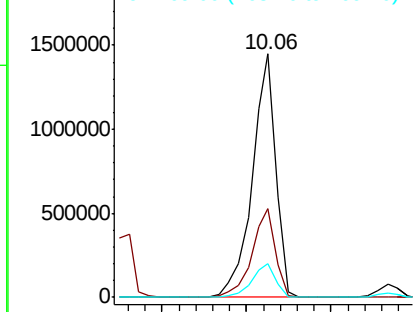
#55
Dibenzofuran
Concen: 40.575 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:168 Resp: 1404324
Ion Ratio Lower Upper
168 100
139 36.6 29.7 44.5
169 13.9 11.1 16.7

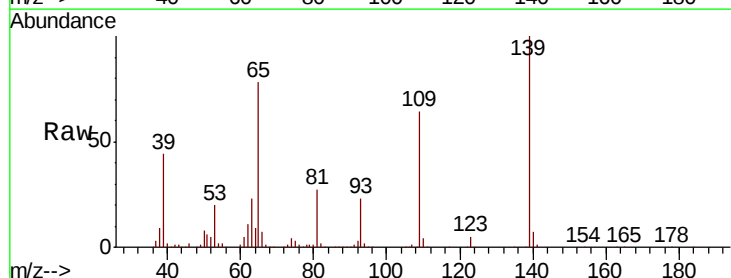


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

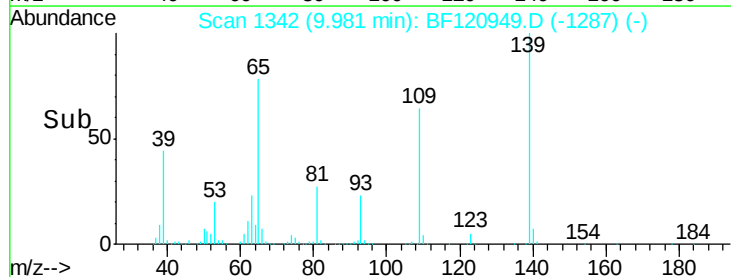
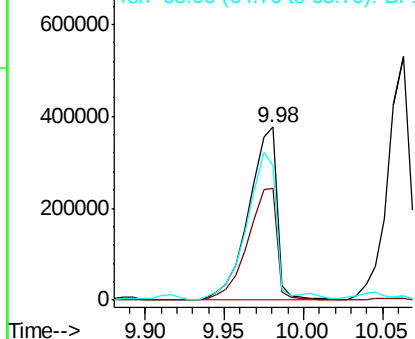


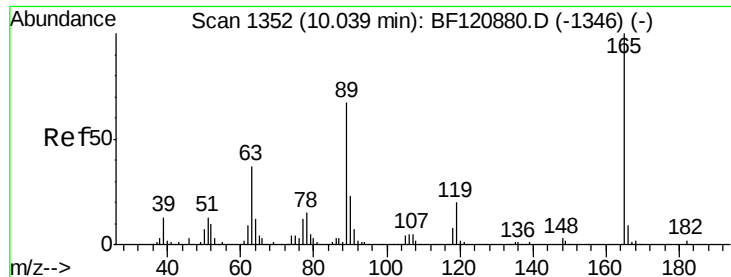
#56
4-Nitrophenol
Concen: 82.036 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:139 Resp: 471998
Ion Ratio Lower Upper
139 100
109 64.4 47.3 87.3
65 77.8 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

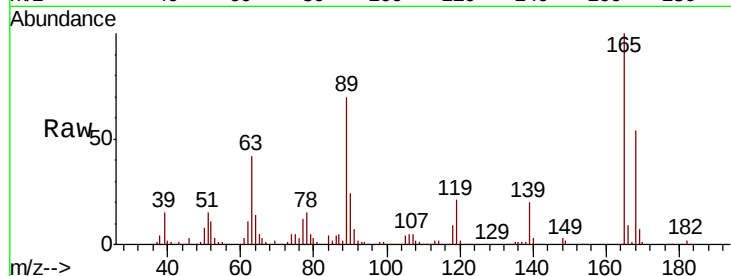




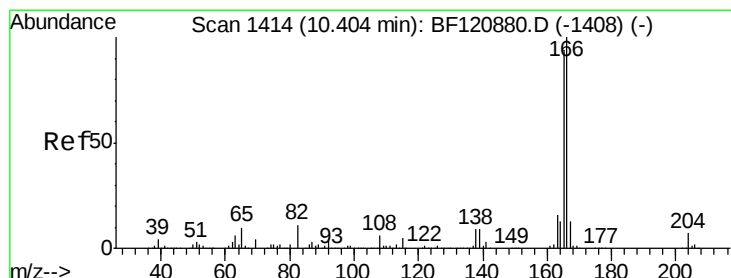
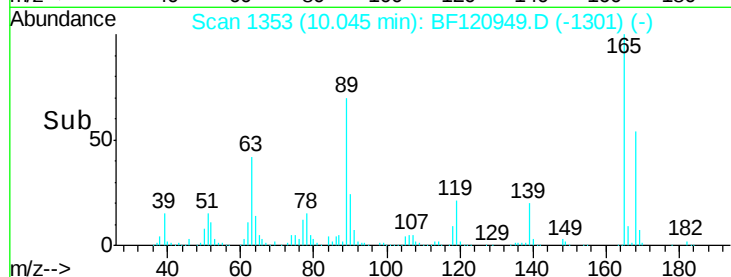
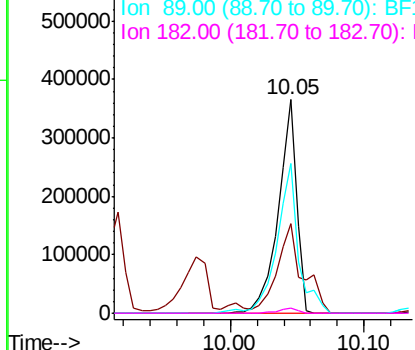
#57
2,4-Dinitrotoluene
Concen: 44.751 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:165 Resp: 354910
Ion Ratio Lower Upper
165 100
63 41.7 29.4 44.2
89 70.1 53.4 80.0
182 2.3 1.8 2.6

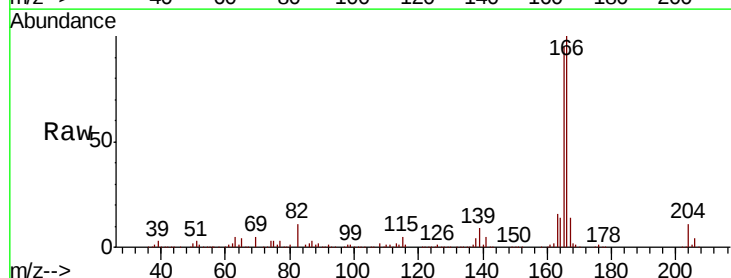


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

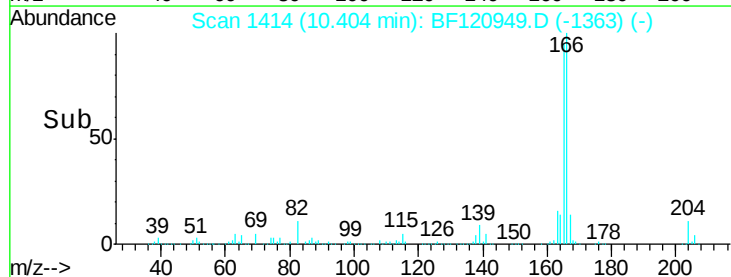
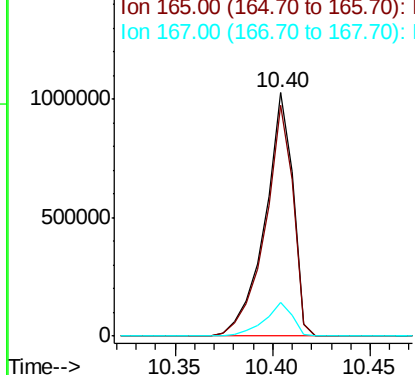


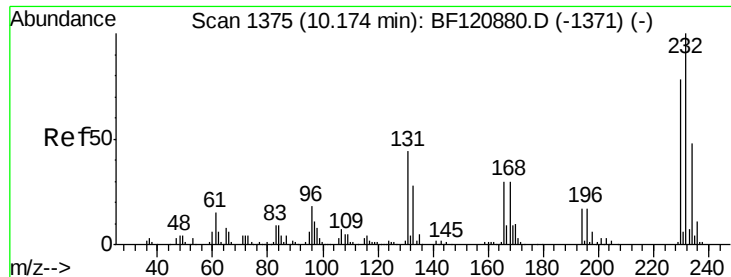
#58
Fluorene
Concen: 39.530 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:166 Resp: 1020409
Ion Ratio Lower Upper
166 100
165 94.6 75.4 113.0
167 13.6 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

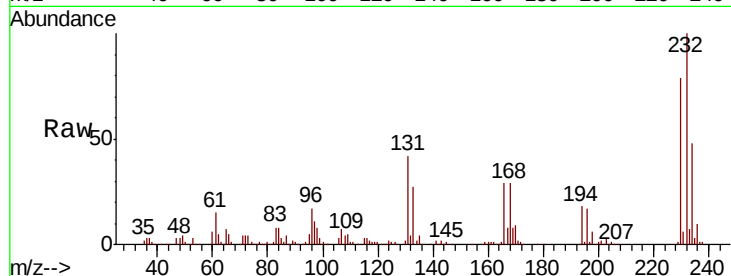




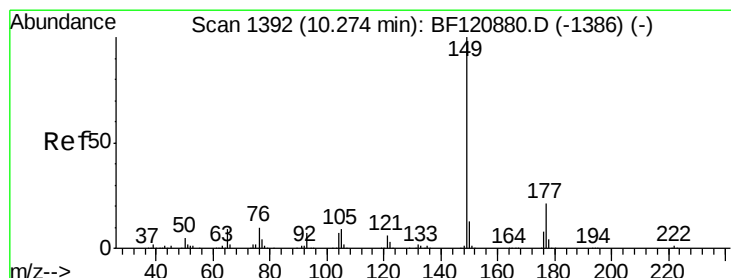
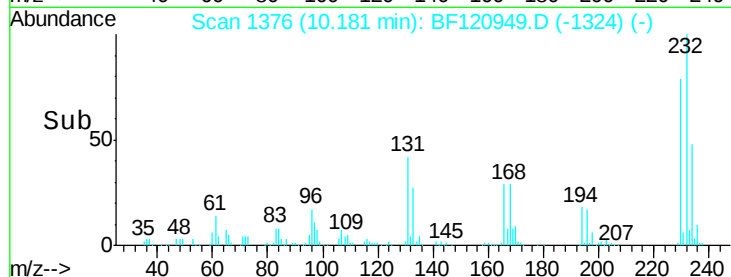
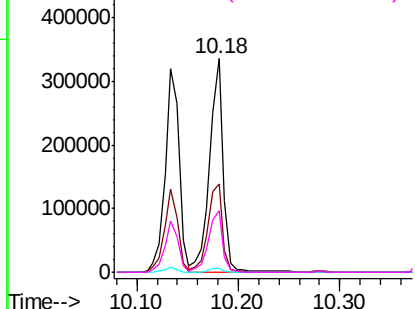
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.150 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:232 Resp: 311688
Ion Ratio Lower Upper
232 100
131 45.0 37.1 55.7
130 2.3 1.7 2.5
166 30.2 24.2 36.4

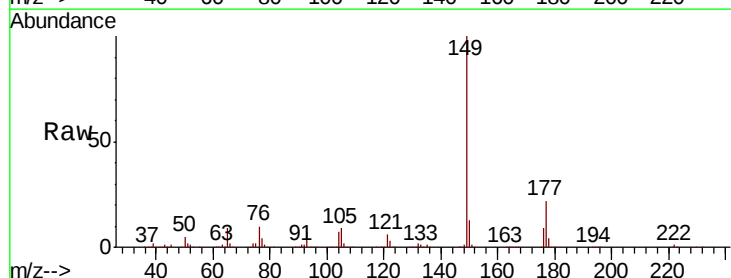


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

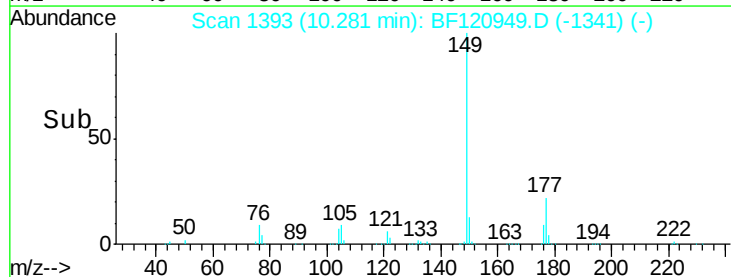
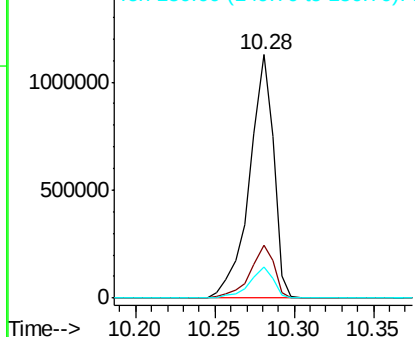


#60
Diethylphthalate
Concen: 41.773 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:149 Resp: 1187710
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.8 10.3 15.5



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

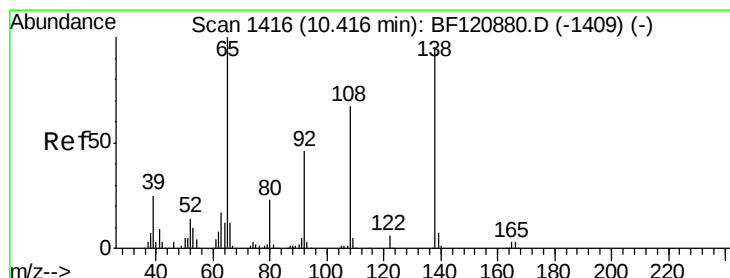
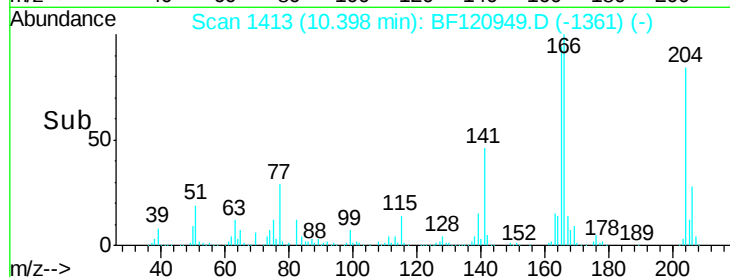
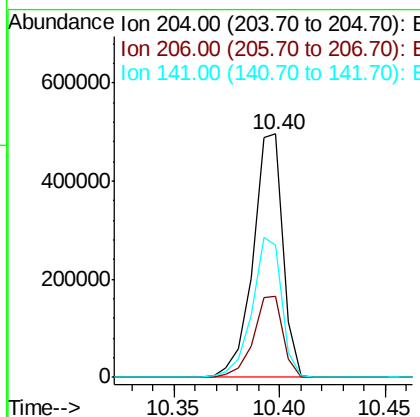
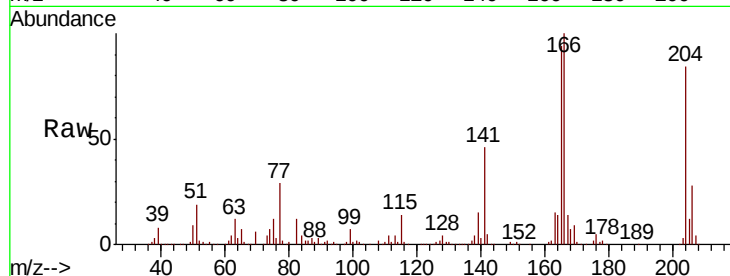




#61
 4-Chlorophenyl-phenylether
 Concen: 35.565 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

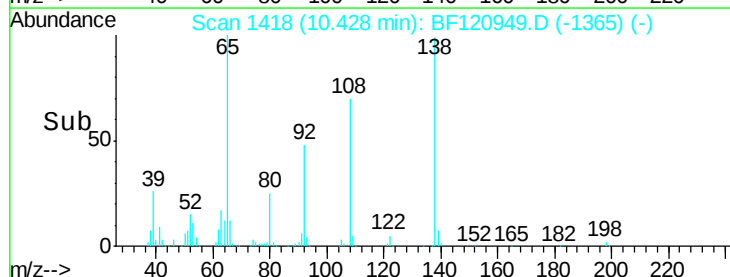
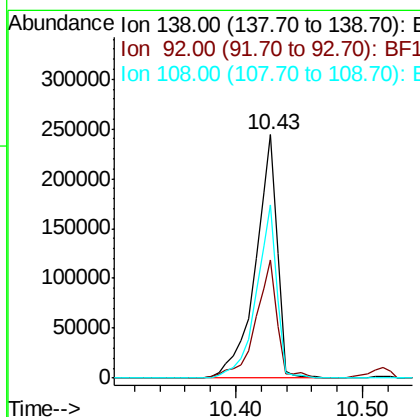
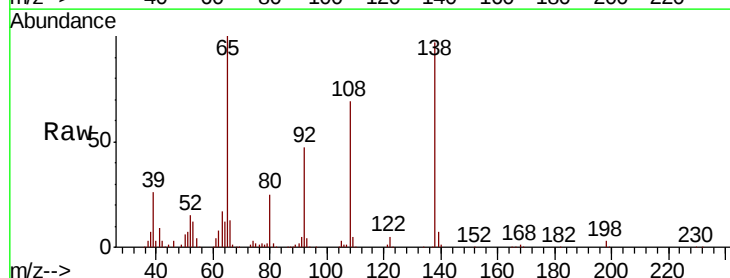
Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Tot Ion:204 Resp: 489665
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.9 38.9
 141 54.3 47.2 70.8



#62
 4-Nitroaniline
 Concen: 40.050 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion:138 Resp: 295491
 Ion Ratio Lower Upper
 138 100
 92 48.4 28.6 68.6
 108 71.3 51.1 91.1





#63

Azobenzene

Concen: 40.878 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

Tot Ion: 77 Resp: 1106507

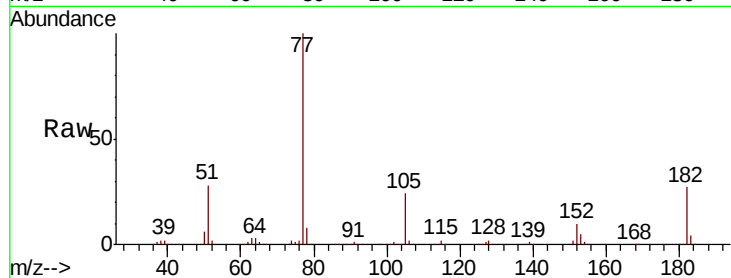
Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.8	47.8
105	24.1	4.4	44.4
51	28.3	8.0	48.0

77 100

182 27.0 7.8 47.8

105 24.1 4.4 44.4

51 28.3 8.0 48.0

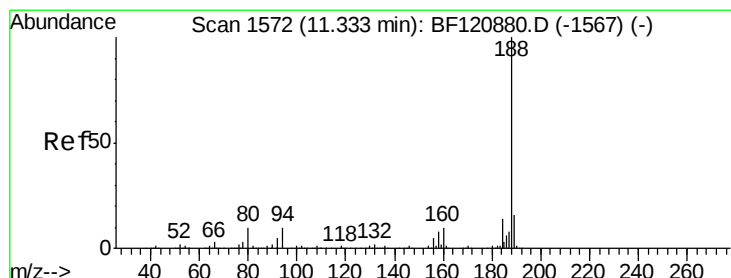
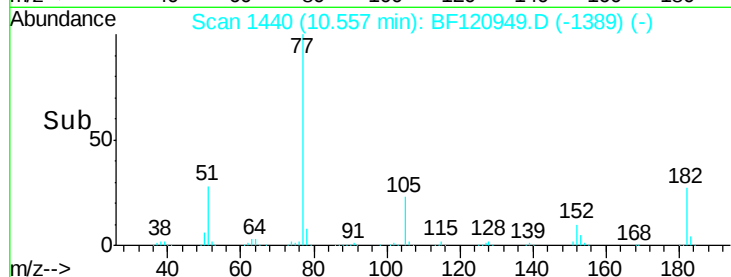
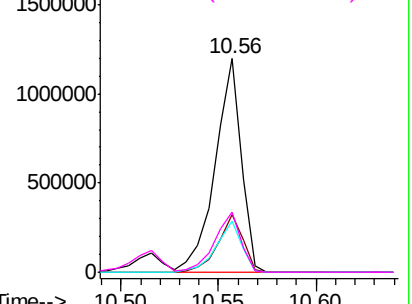


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

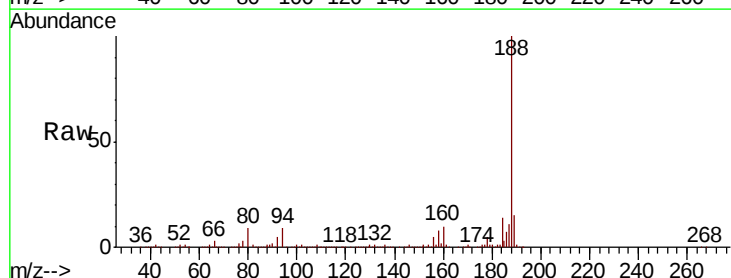
Tgt Ion: 188 Resp: 714085

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.4	8.3	12.5

188 100

94 9.1 8.0 12.0

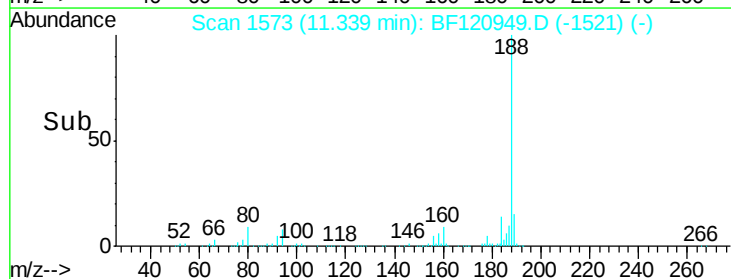
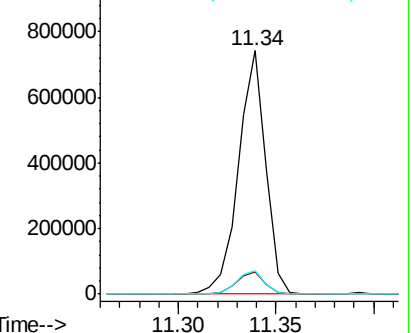
80 9.4 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

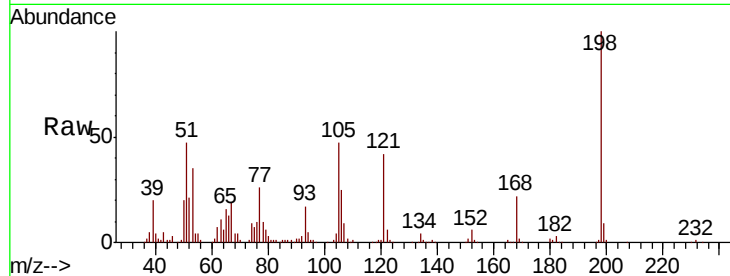




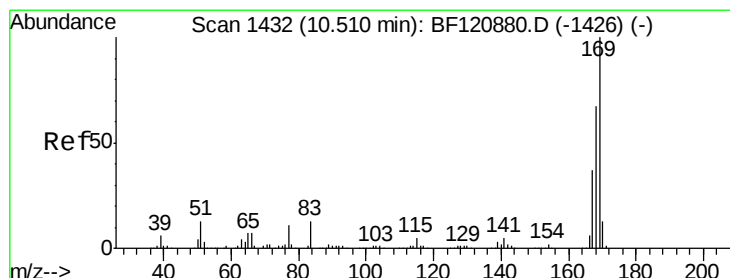
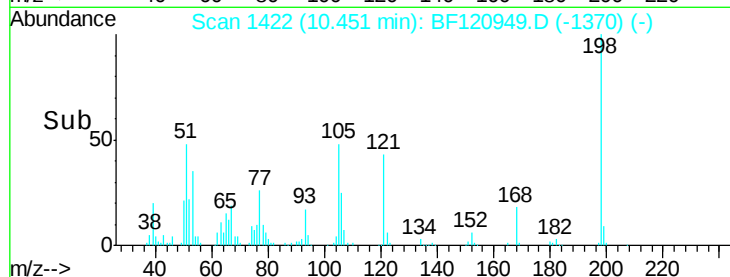
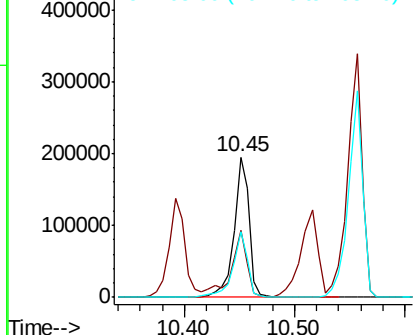
#65
4,6-Dinitro-2-methylphenol
Concen: 45.402 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:198 Resp: 186703
Ion Ratio Lower Upper
198 100
51 47.4 19.5 59.5
105 47.1 24.4 64.4

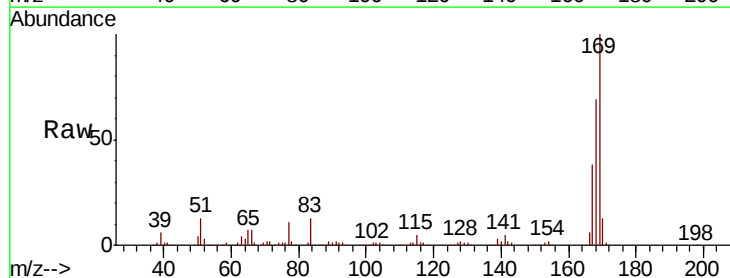


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

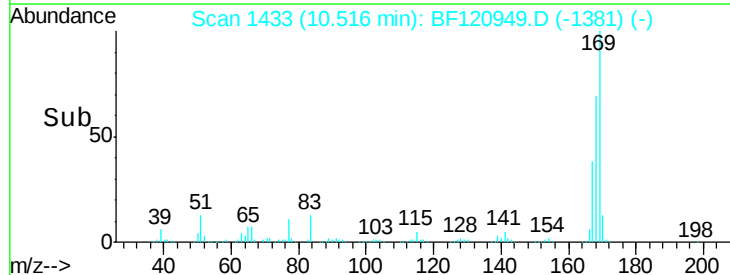
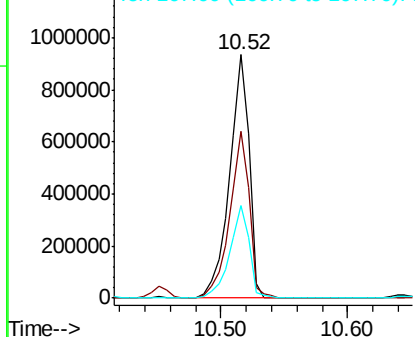


#66
n-Nitrosodiphenylamine
Concen: 43.859 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:169 Resp: 985245
Ion Ratio Lower Upper
169 100
168 68.6 53.4 80.0
167 37.8 29.4 44.0



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

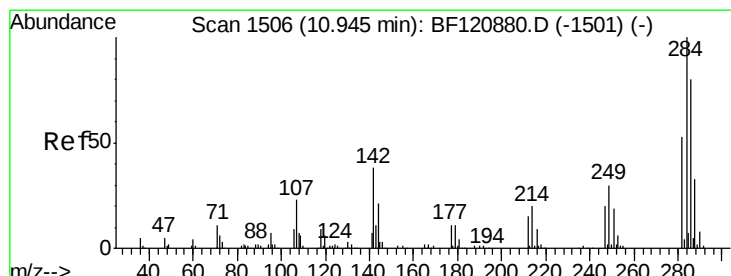
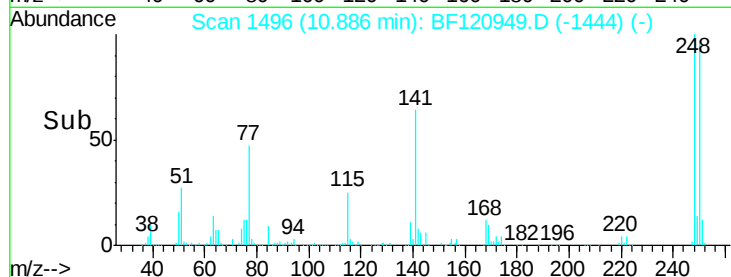
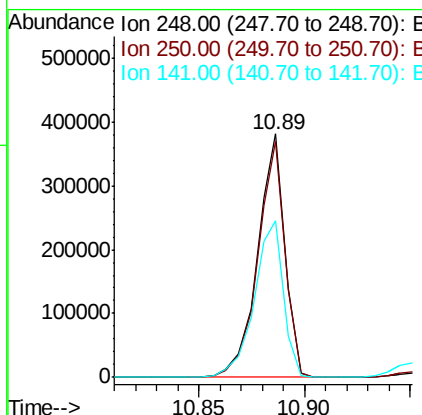
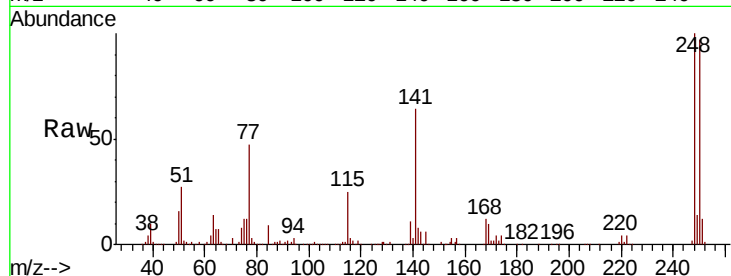




#67
 4-Bromophenyl-phenylether
 Concen: 42.900 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

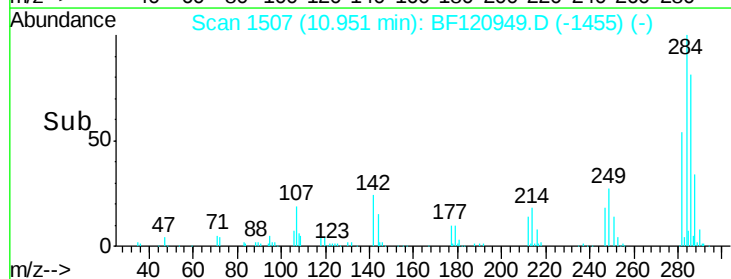
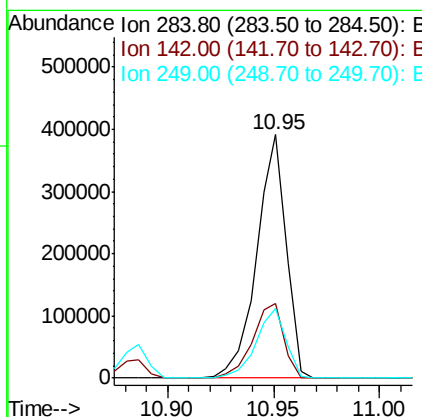
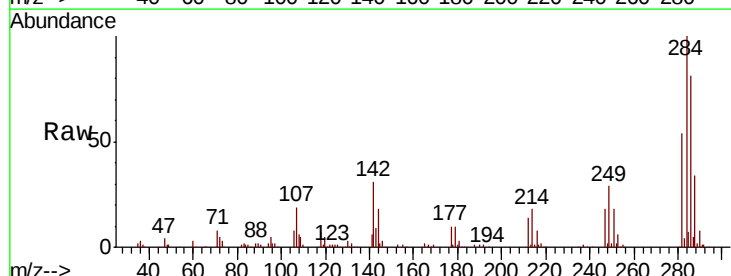
Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

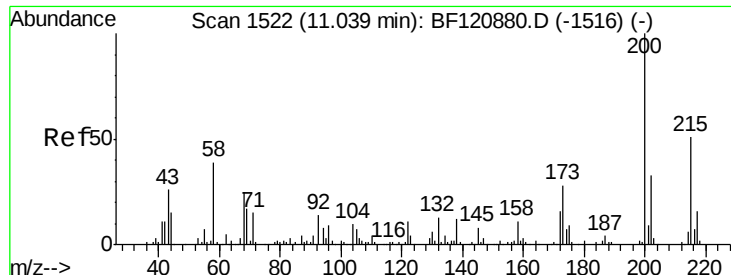
Tot Ion:248 Resp: 341551
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.1 115.7
 141 64.2 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 43.959 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion:284 Resp: 378583
 Ion Ratio Lower Upper
 284 100
 142 30.9 30.2 45.2
 249 28.7 24.2 36.2





#69

Atrazine

Concen: 50.033 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

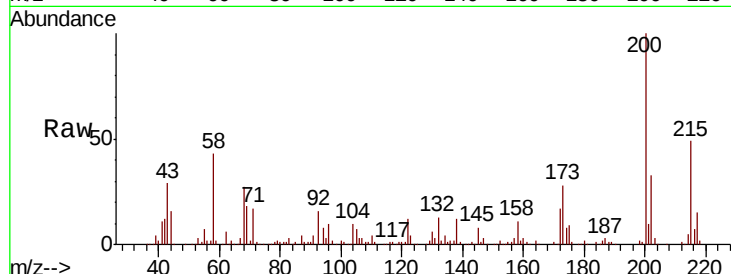
Tot Ion:200 Resp: 278346

Ion Ratio Lower Upper

200 100

173 27.9 8.0 48.0

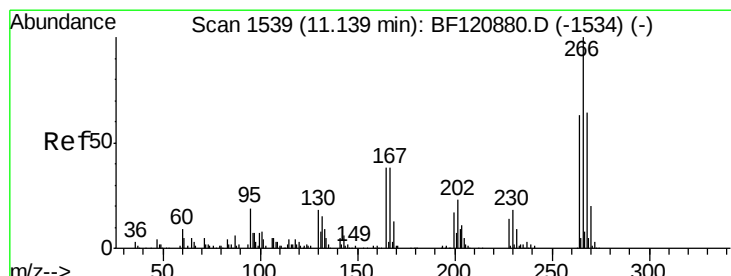
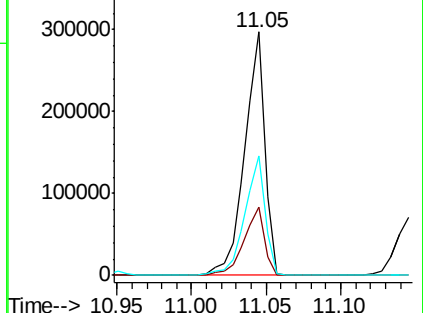
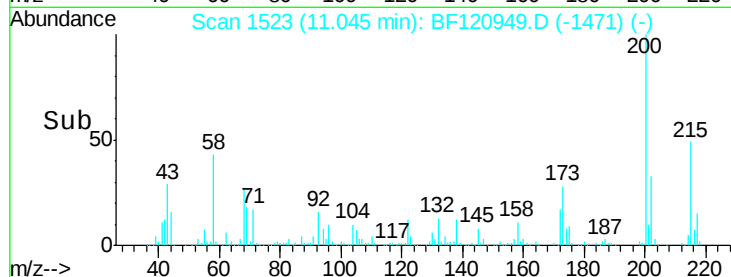
215 49.2 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 84.295 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

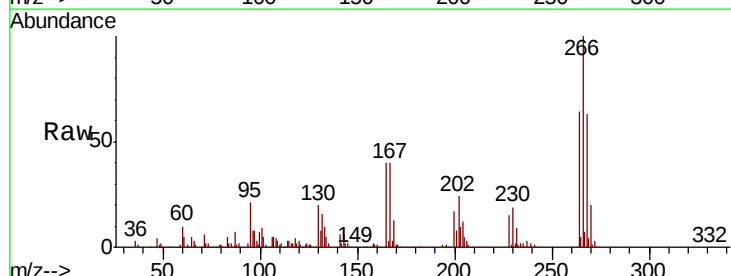
Tgt Ion:266 Resp: 415896

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

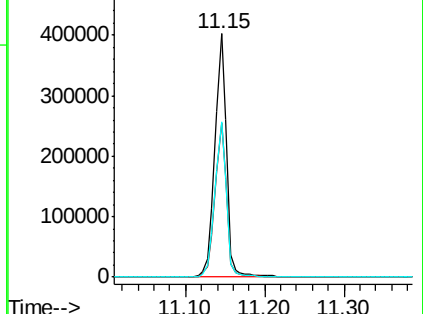
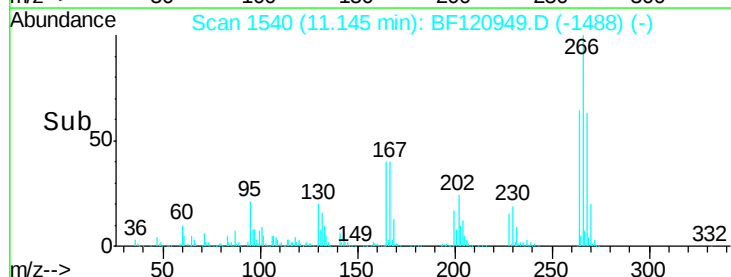
264 63.6 50.2 75.2

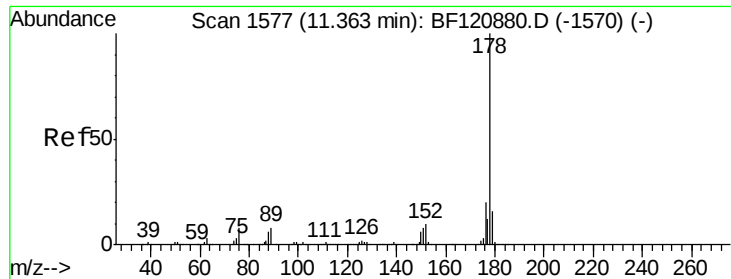


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

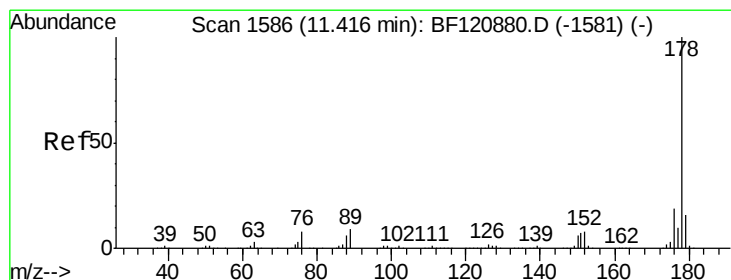
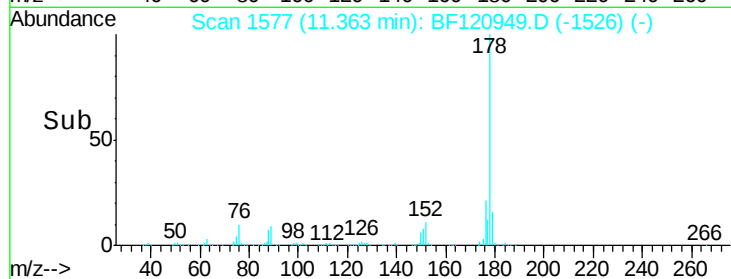
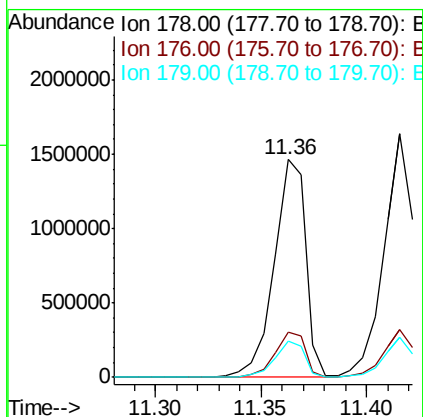
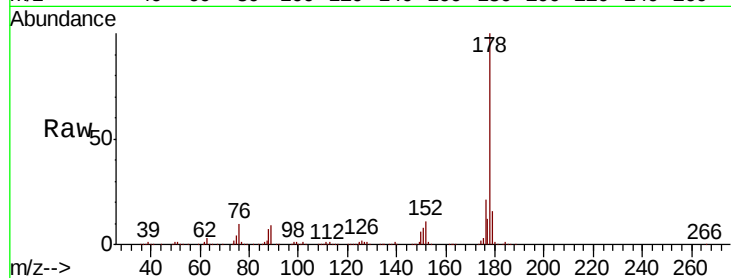




#71
Phenanthrene
Concen: 41.596 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

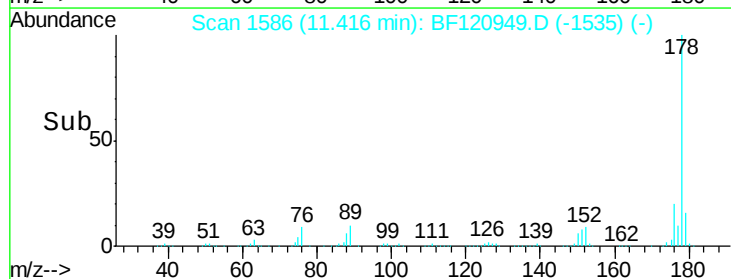
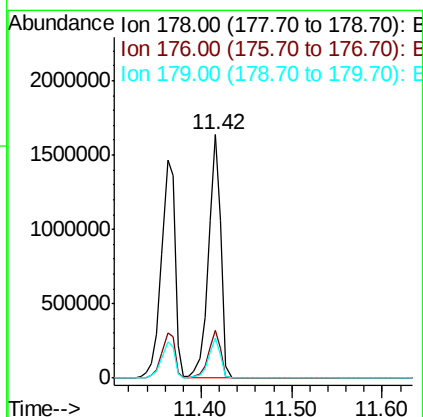
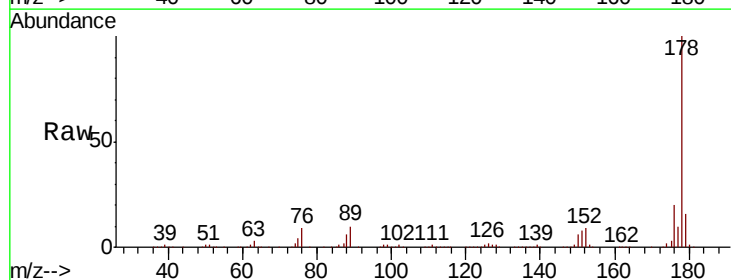
Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:178 Resp: 1527653
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.4 12.8 19.2



#72
Anthracene
Concen: 42.635 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:178 Resp: 1572286
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.4 12.8 19.2

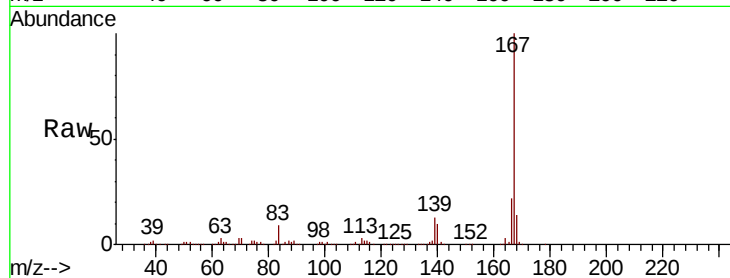




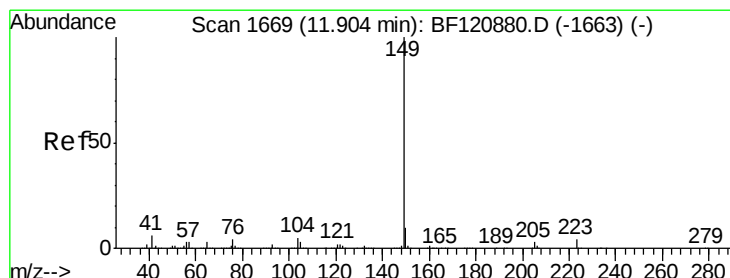
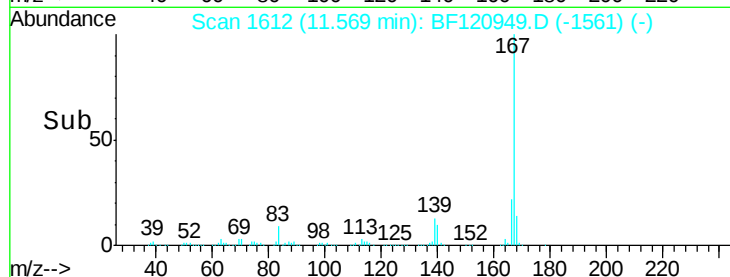
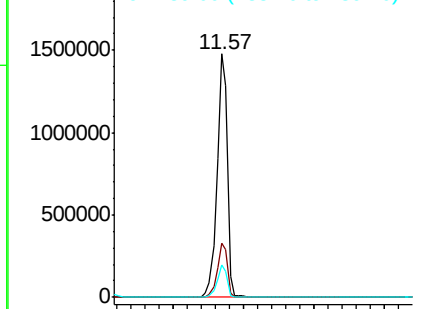
#73
 Carbazole
 Concen: 40.720 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Tot Ion:167 Resp: 1490262
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.2 10.1 15.1

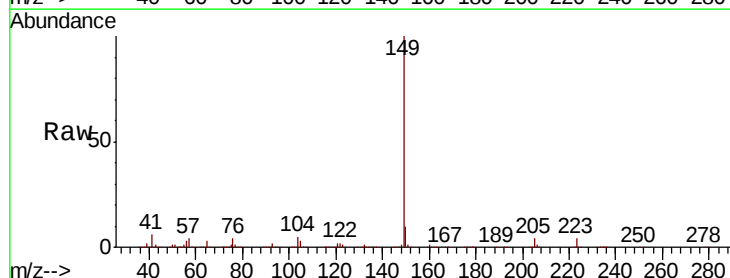


Abundance Ion 167.00 (166.70 to 167.70): E
 2000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

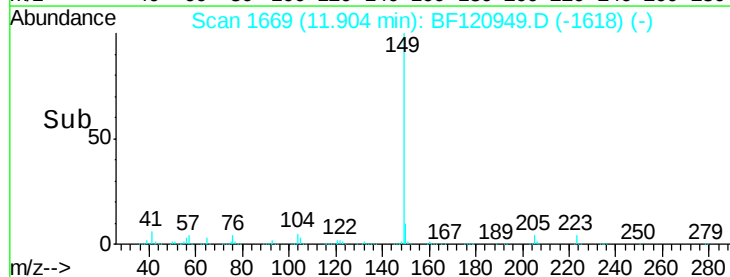
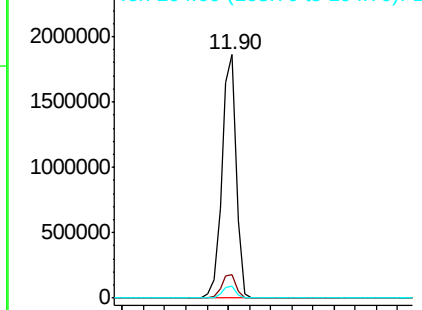


#74
 Di-n-butylphthalate
 Concen: 41.902 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion:149 Resp: 1769687
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.8 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

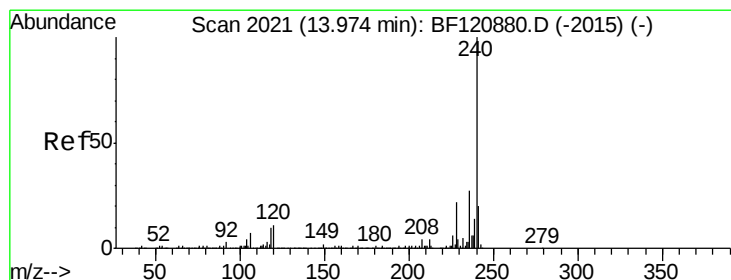
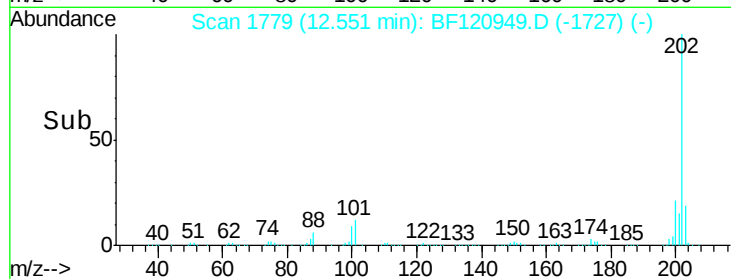
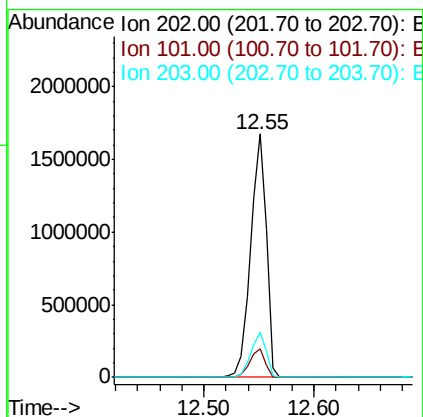
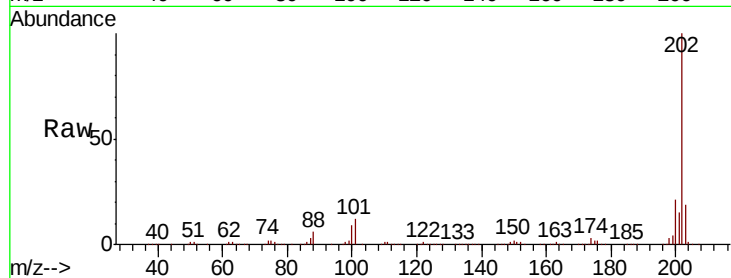




#75
 Fluoranthene
 Concen: 41.057 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

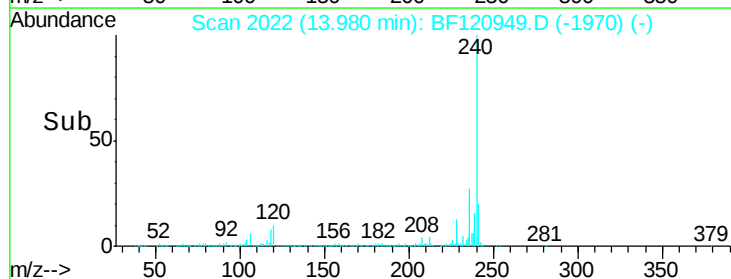
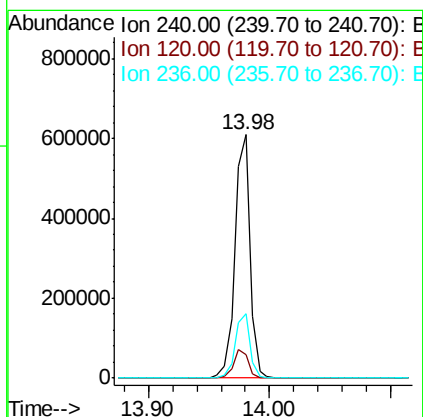
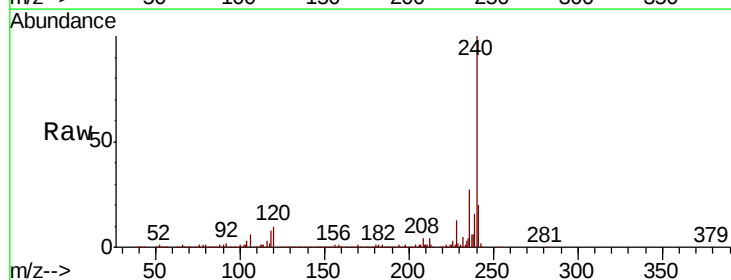
Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

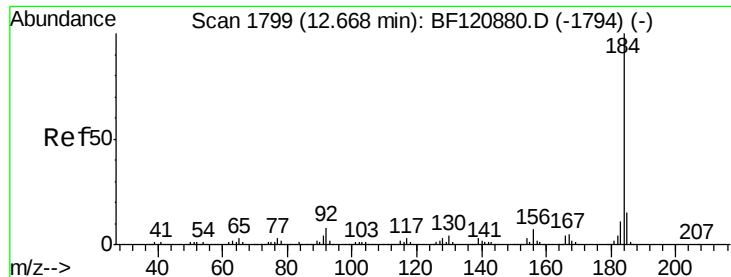
Tot Ion:202 Resp: 1671315
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 32.7
 203 18.7 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion:240 Resp: 531445
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.0 13.4
 236 26.6 21.7 32.5





#77

Benzidine

Concen: 58.435 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

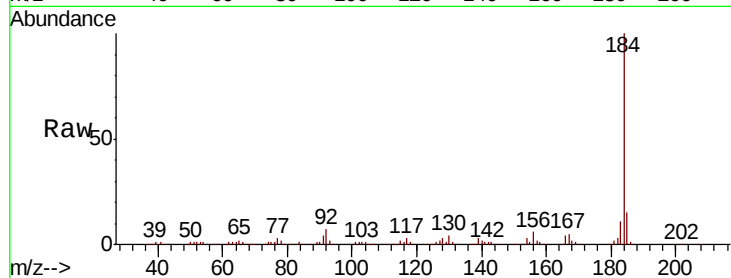
BNA_F

ClientSampleId :

PB130301BS

Tot Ion:184 Resp: 816485

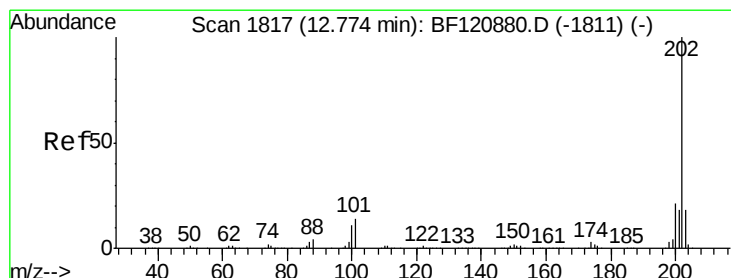
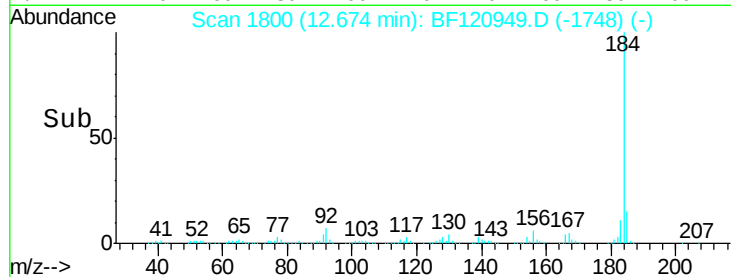
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.2	18.2
183	11.0	8.5	12.7



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: 44.275 ng

RT: 12.78 min Scan# 1818

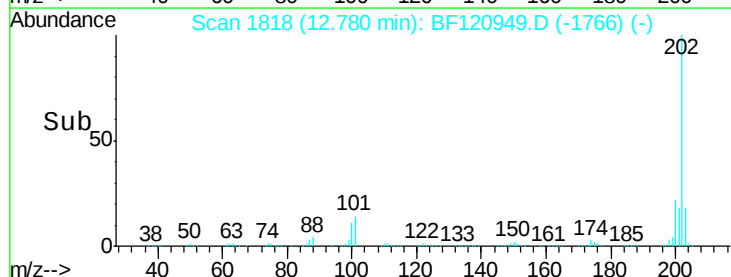
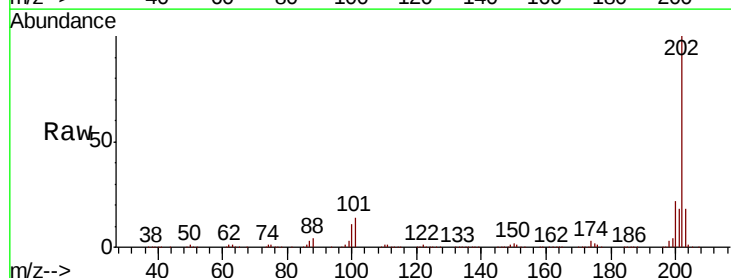
Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Tgt Ion:202 Resp: 1663558

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	18.3	14.4	21.6





#79

Terphenyl-d14

Concen: 83.148 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

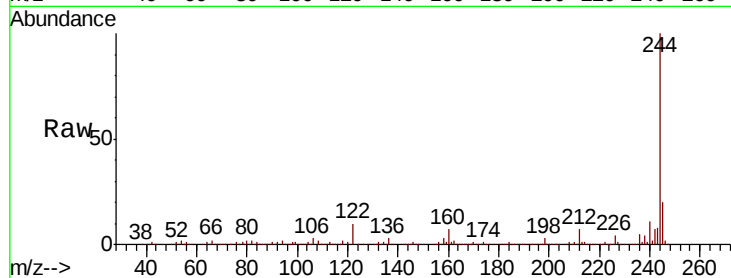
Tot Ion:244 Resp: 2032785

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

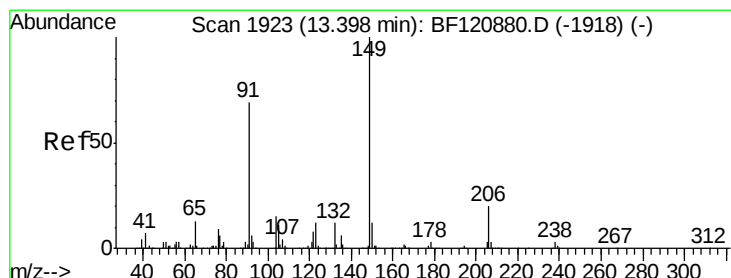
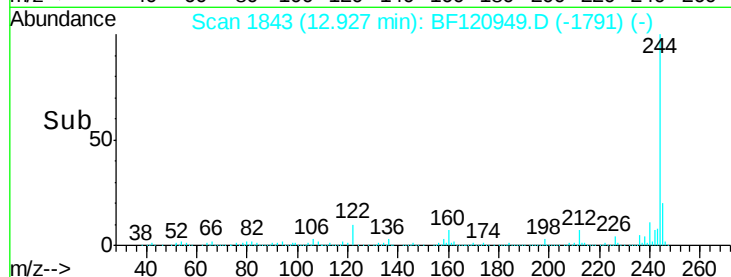
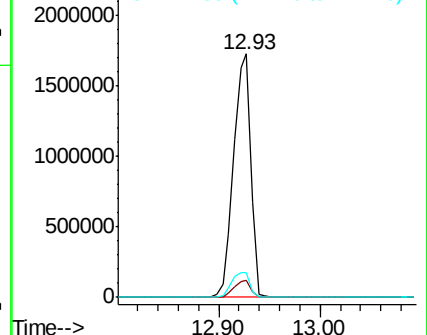
122 10.1 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.406 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

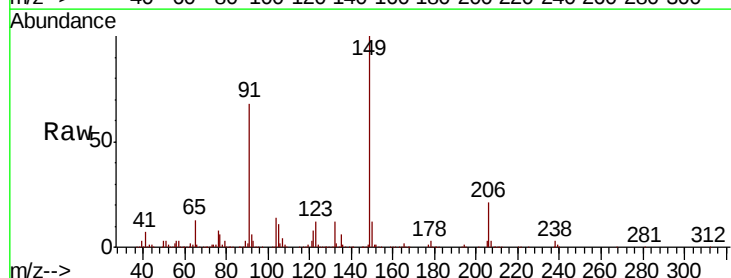
Tgt Ion:149 Resp: 760533

Ion Ratio Lower Upper

149 100

91 68.0 55.1 82.7

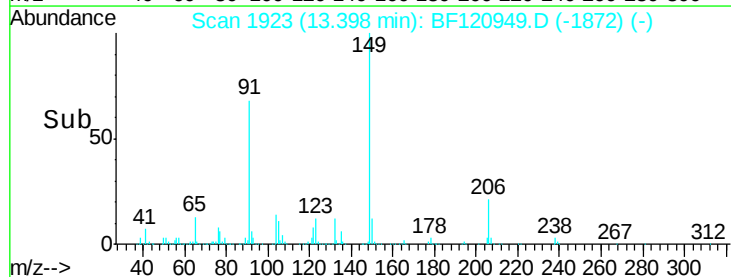
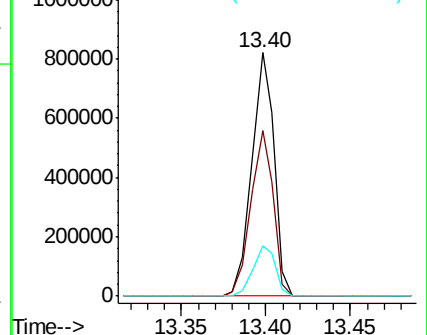
206 20.8 16.1 24.1



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: 41.188 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

Instrument :

BNA_F

ClientSampleId :

PB130301BS

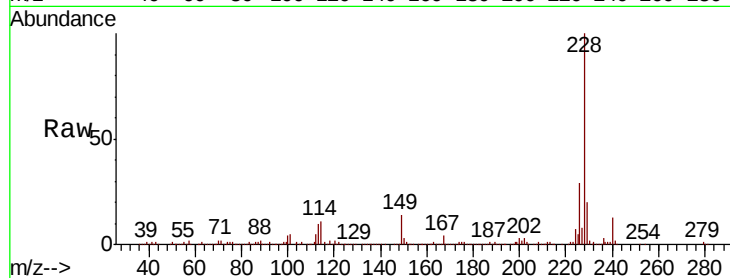
Tot Ion:228 Resp: 1325498

Ion Ratio Lower Upper

228 100

226 28.6 22.3 33.5

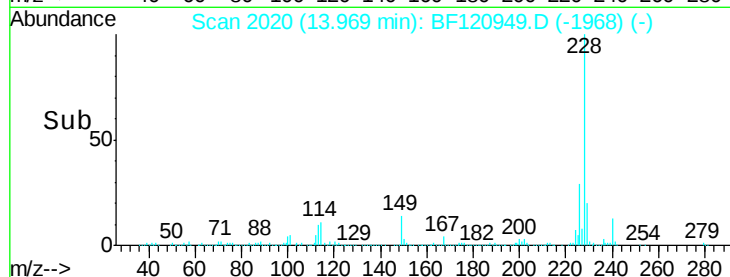
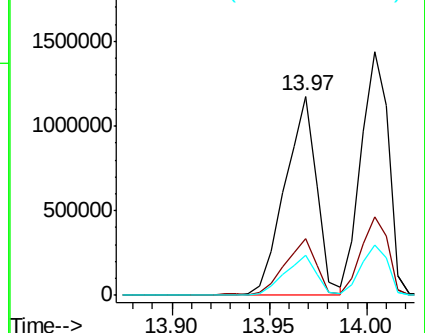
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.329 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120949.D

Acq: 21 Jul 2020 10:34

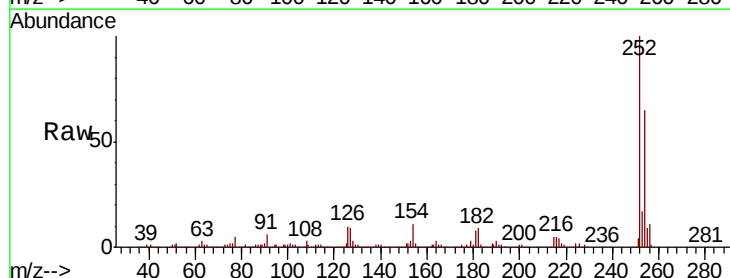
Tgt Ion:252 Resp: 513930

Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

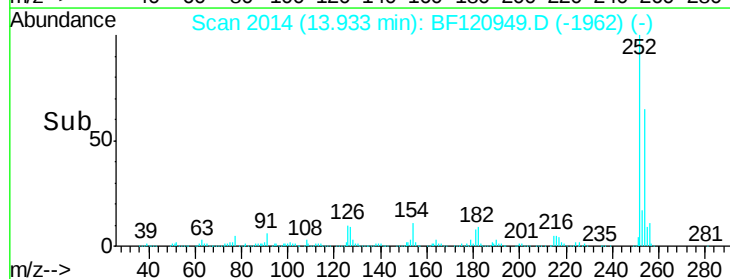
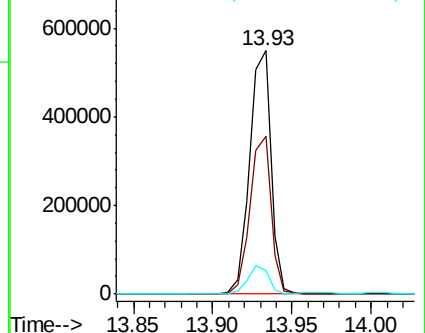
126 9.6 8.7 13.1

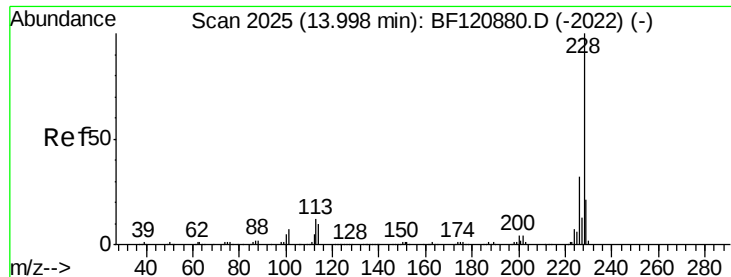


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

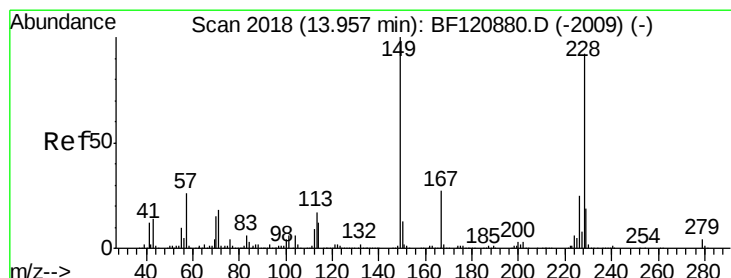
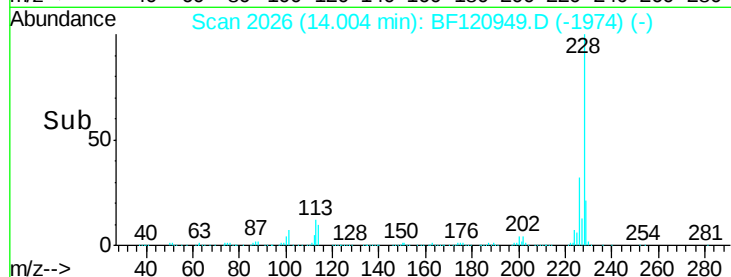
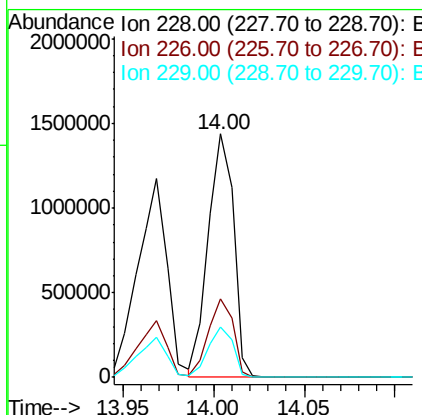
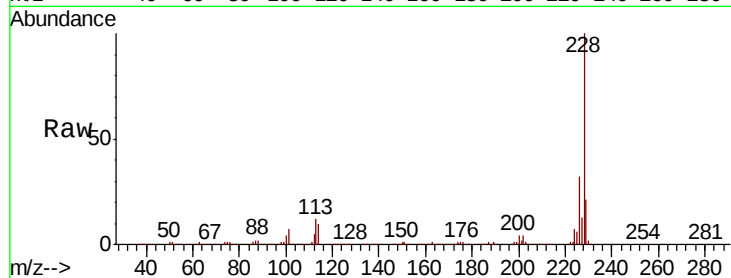




#83
 Chrvsene
 Concen: 41.555 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

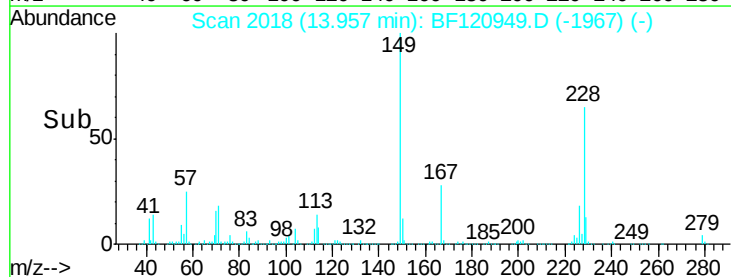
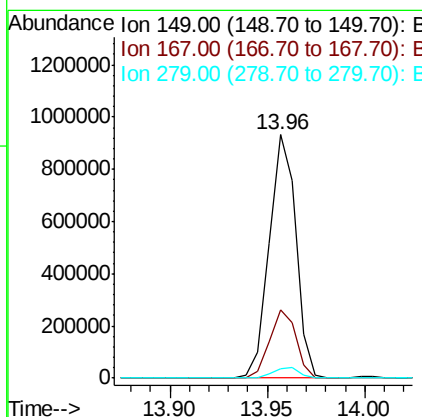
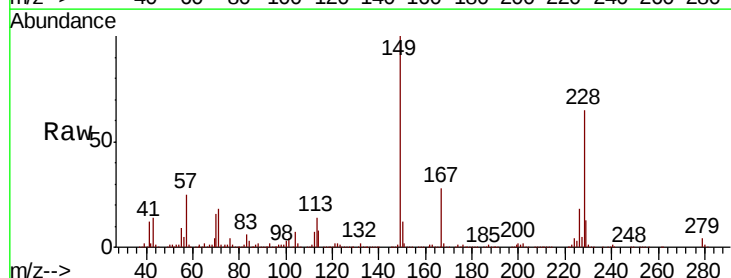
Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Tot Ion:228 Resp: 1405383
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.6 38.4
 229 20.7 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.814 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion:149 Resp: 884286
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.9 32.9
 279 3.9 3.0 4.4

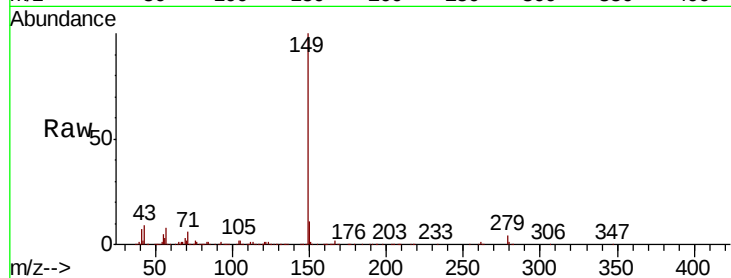




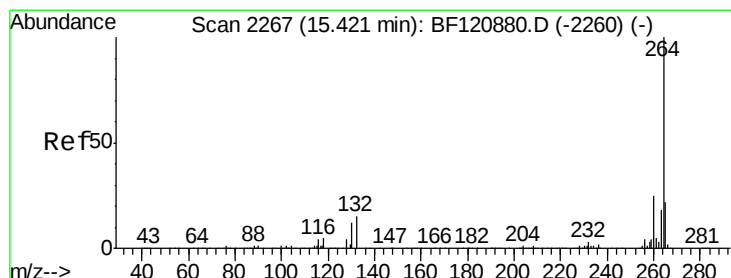
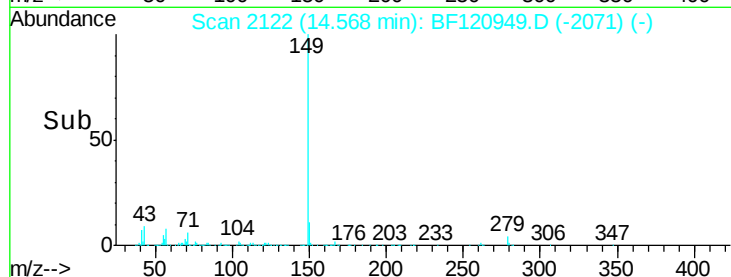
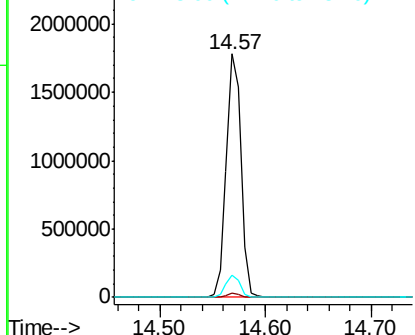
#85
Di-n-octyl phthalate
Concen: 42.069 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:149 Resp: 1728679
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4

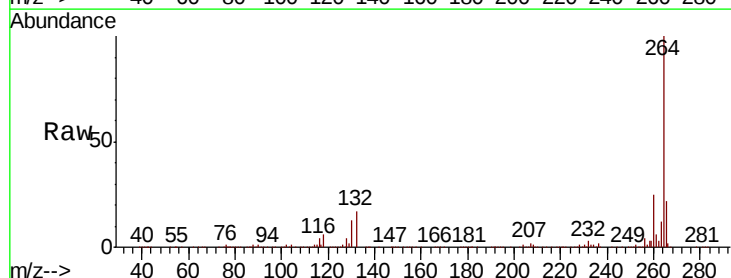


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

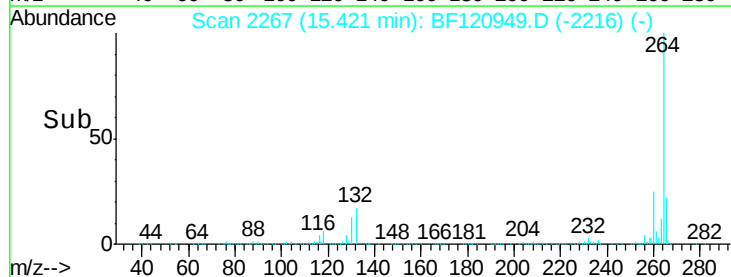
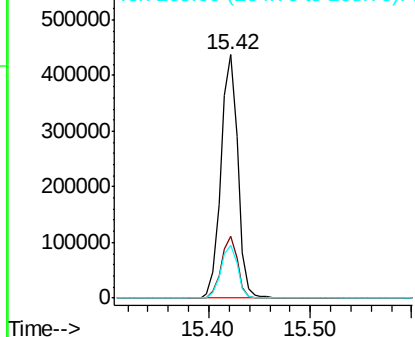


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:264 Resp: 506270
Ion Ratio Lower Upper
264 100
260 25.4 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



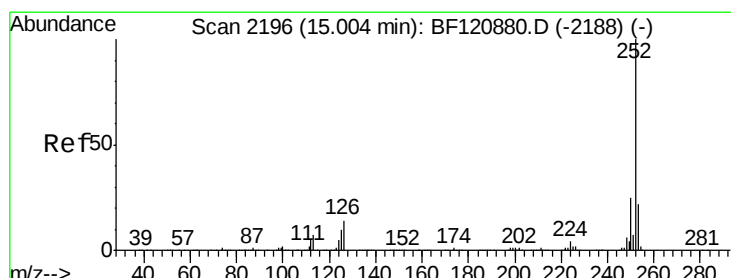
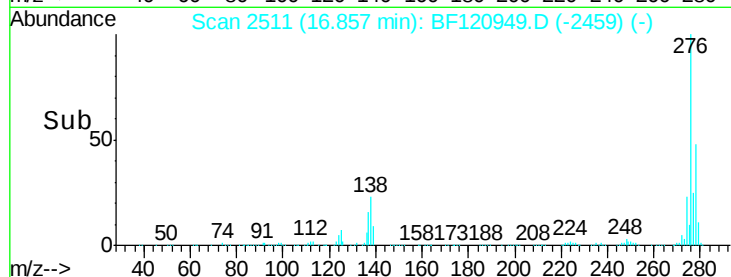
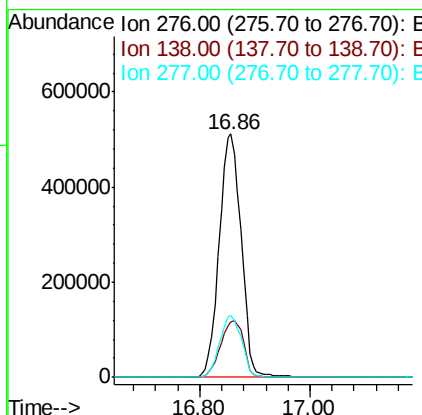
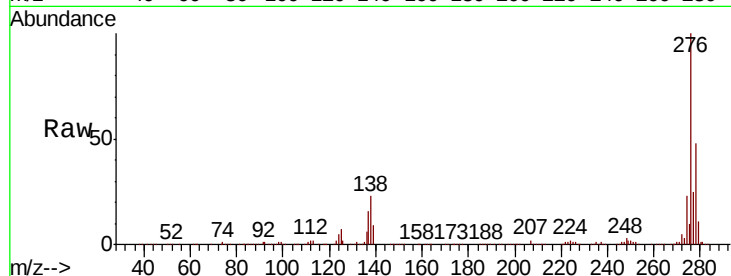


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.685 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BS

Tot Ion:276 Resp: 1432487

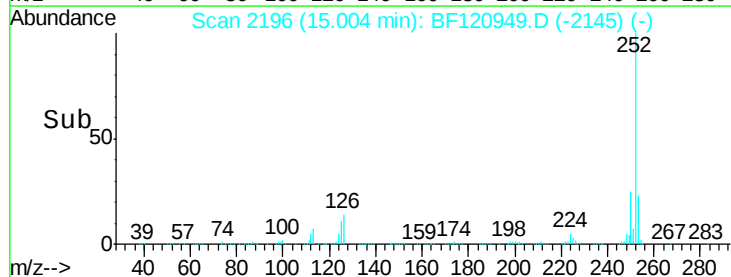
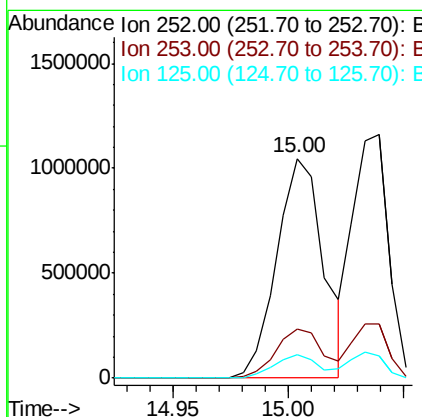
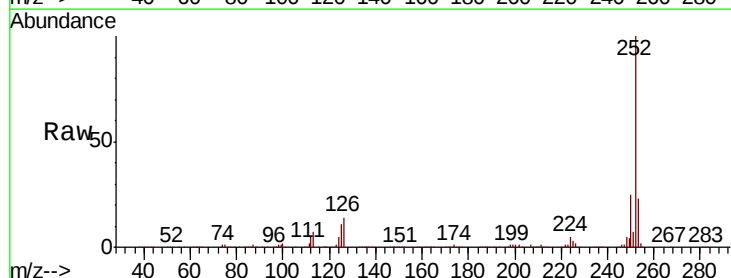
Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.8	29.8
277	25.6	20.2	30.2

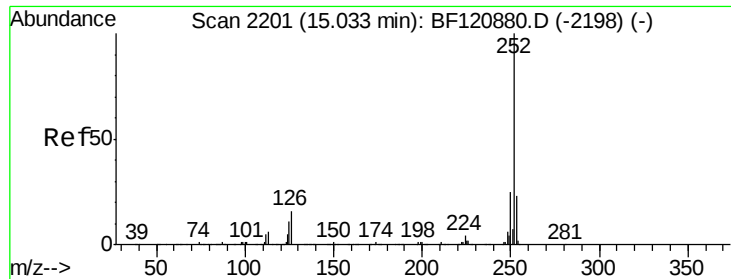


#88
 Benzo(b)fluoranthene
 Concen: 48.355 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120949.D
 Acq: 21 Jul 2020 10:34

Tgt Ion:252 Resp: 1479771

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.7	8.3	12.5

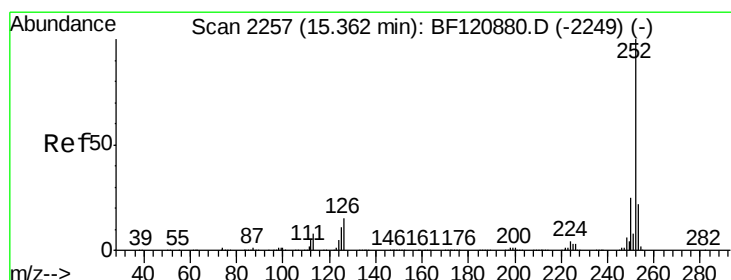
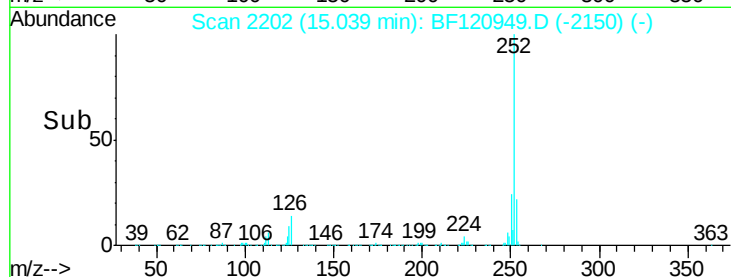
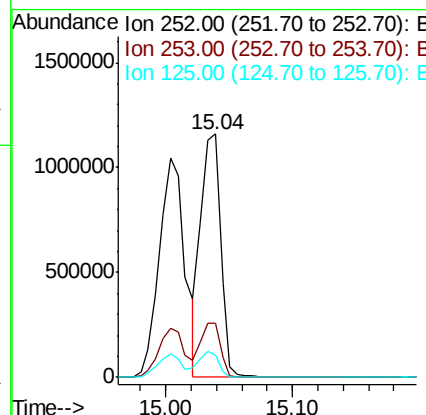
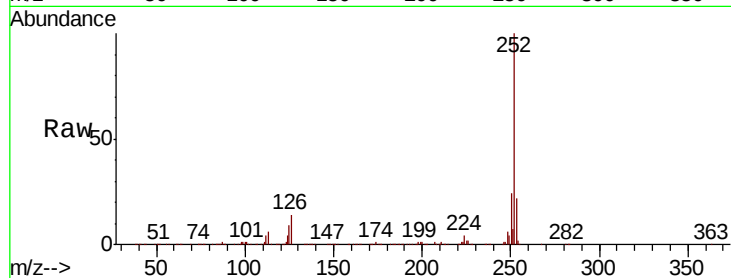




#89
Benzo(k)fluoranthene
Concen: 45.047 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

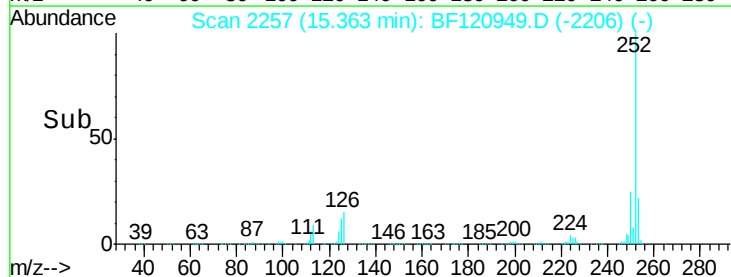
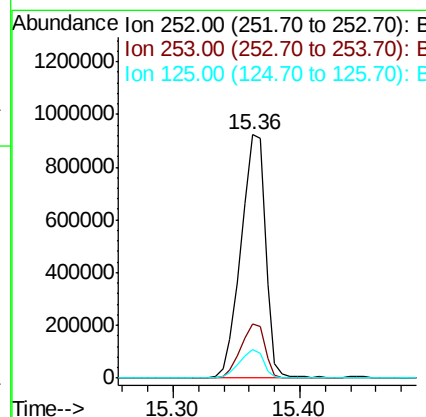
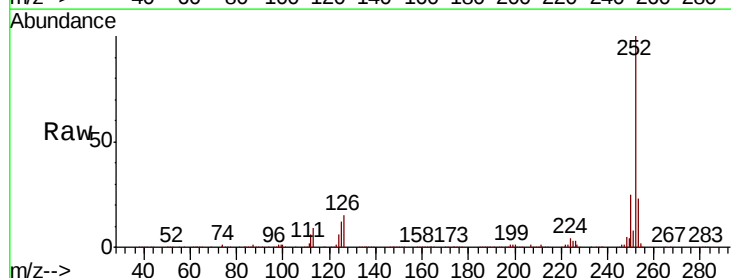
Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:252 Resp: 1257222
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.4 8.4 12.6



#90
Benzo(a)pyrene
Concen: 44.331 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:252 Resp: 1237734
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.9 8.9 13.3

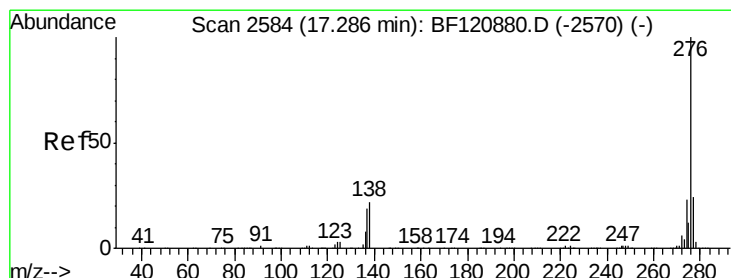
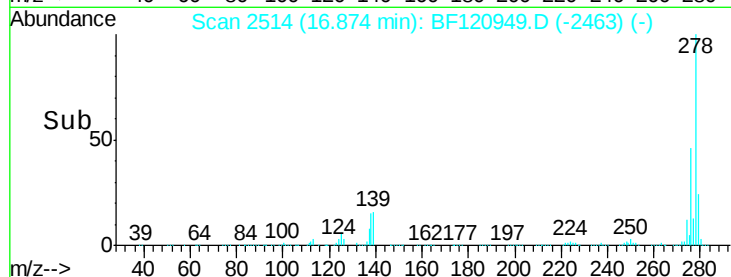
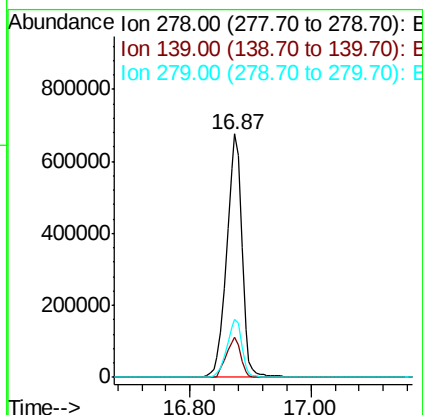
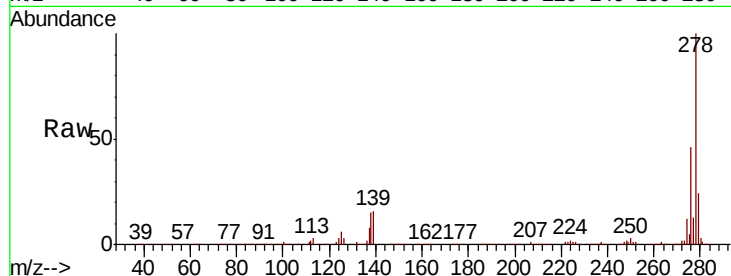




#91
Dibenzo(a,h)anthracene
Concen: 41.589 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Instrument :
BNA_F
ClientSampleId :
PB130301BS

Tot Ion:278 Resp: 1196127
Ion Ratio Lower Upper
278 100
139 16.4 12.3 18.5
279 24.1 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 40.837 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120949.D
Acq: 21 Jul 2020 10:34

Tgt Ion:276 Resp: 1158052
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 21.3 17.5 26.3

