

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121067.D
 Acq On : 28 Jul 2020 13:50
 Operator : JU/CG
 Sample : L3435-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Quant Time: Jul 28 14:14:01 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	158542	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	619905	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	332224	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	649724	20.00	ng	0.00
76) Chrysene-d12	13.97	240	507950	20.00	ng	0.00
86) Perylene-d12	15.42	264	506623	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1311181	135.58	ng	0.02
7) Phenol-d6	6.46	99	1666739	133.42	ng	0.01
23) Nitrobenzene-d5	7.38	82	1069061	99.79	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	511504	140.66	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1805644	81.15	ng	0.00
79) Terphenyl-d14	12.93	244	1904418	81.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	194362	43.668	ng	98
3) Pyridine	3.34	79	452558	38.222	ng	98
4) n-Nitrosodimethylamine	3.28	42	228673	45.166	ng	95
6) Aniline	6.47	93	444695	27.270	ng	# 83
8) 2-Chlorophenol	6.60	128	516245	48.456	ng	100
9) Benzaldehyde	6.36	77	342569	68.217	ng	99
10) Phenol	6.47	94	573856	41.759	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	484704	46.023	ng	99
12) 1,3-Dichlorobenzene	6.76	146	509977	44.144	ng	98
13) 1,4-Dichlorobenzene	6.83	146	519154	45.193	ng	98
14) 1,2-Dichlorobenzene	6.99	146	501879	46.182	ng	98
15) Benzyl Alcohol	6.96	79	409589	46.362	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	661614	43.585	ng	98
17) 2-Methylphenol	7.07	107	409991	43.418	ng	99
18) Hexachloroethane	7.33	117	193322	46.497	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	315789	44.455	ng	98
20) 3+4-Methylphenols	7.23	107	445231	37.065	ng	# 88
22) Acetophenone	7.23	105	621200	44.650	ng	94
24) Nitrobenzene	7.40	77	509772	44.148	ng	99
25) Isophorone	7.64	82	950380	44.449	ng	99
26) 2-Nitrophenol	7.72	139	275270	50.195	ng	98
27) 2,4-Dimethylphenol	7.76	122	440093	49.428	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	603130	46.211	ng	100
29) 2,4-Dichlorophenol	7.96	162	427064	46.938	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	450717	44.650	ng	99
31) Naphthalene	8.12	128	1399537	44.013	ng	100
32) Benzoic acid	7.89	122	327411	48.986	ng	95
33) 4-Chloroaniline	8.17	127	203093	14.317	ng	98
34) Hexachlorobutadiene	8.24	225	255527	42.941	ng	100
35) Caprolactam	8.55	113	107591	36.875	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	450954	48.327	ng	99
37) 2-Methylnaphthalene	8.81	142	966322	46.803	ng	99
38) 1-Methylnaphthalene	8.91	142	897240	45.884	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	425804	43.990	ng	99

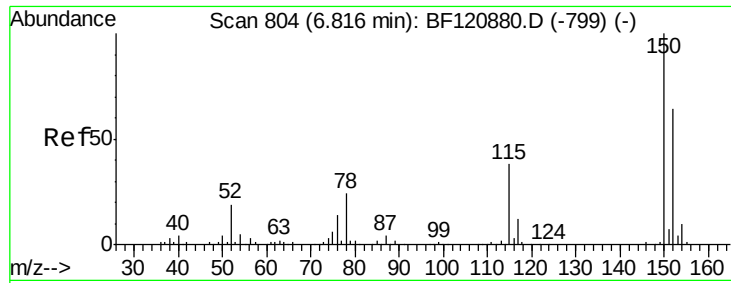
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	442646	82.742	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	315445	46.285	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	332955	43.069	ng	99
46) 1,1'-Biphenyl	9.27	154	1146914	45.257	ng	99
47) 2-Chloronaphthalene	9.30	162	891360	43.141	ng	100
48) 2-Nitroaniline	9.40	65	286421	45.871	ng	95
49) Acenaphthylene	9.72	152	1424418	44.377	ng	99
50) Dimethylphthalate	9.58	163	1330911	55.529	ng	99
51) 2,6-Dinitrotoluene	9.64	165	245953	47.765	ng	94
52) Acenaphthene	9.89	154	837949	41.062	ng	99
53) 3-Nitroaniline	9.80	138	131144	20.307	ng	97
54) 2,4-Dinitrophenol	9.92	184	243059	81.834	ng	91
55) Dibenzofuran	10.06	168	1276722	43.263	ng	98
56) 4-Nitrophenol	9.98	139	426137	86.865	ng	96
57) 2,4-Dinitrotoluene	10.05	165	329437	48.718	ng	97
58) Fluorene	10.40	166	906470	41.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	295374	50.182	ng	96
60) Diethylphthalate	10.28	149	1094833	45.161	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	445981	37.990	ng	99
62) 4-Nitroaniline	10.43	138	267431	42.511	ng	97
63) Azobenzene	10.55	77	1002931	43.455	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	169712	45.362	ng	95
66) n-Nitrosodiphenylamine	10.52	169	913685	44.703	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	314093	43.360	ng	98
68) Hexachlorobenzene	10.95	284	357104	45.572	ng	# 88
69) Atrazine	11.05	200	261939	51.747	ng	99
70) Pentachlorophenol	11.15	266	422756	94.173	ng	99
71) Phenanthrene	11.36	178	1431650	42.844	ng	99
72) Anthracene	11.42	178	1498681	44.665	ng	99
73) Carbazole	11.57	167	1435721	43.116	ng	99
74) Di-n-butylphthalate	11.90	149	1736198	45.181	ng	99
75) Fluoranthene	12.55	202	1616205	43.636	ng	98
77) Benzidine	12.67	184	796558	59.645	ng	99
78) Pyrene	12.78	202	1657803	46.163	ng	100
80) Butylbenzylphthalate	13.40	149	792218	49.485	ng	97
81) Benzo(a)anthracene	13.97	228	1307162	42.497	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	411773	35.484	ng	99
83) Chrysene	14.00	228	1461056	45.200	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	937632	47.496	ng	# 99
85) Di-n-octyl phthalate	14.57	149	1871858	47.660	ng	98
87) Indeno(1,2,3-cd)pyrene	16.86	276	1507436	42.784	ng	99
88) Benzo(b)fluoranthene	15.00	252	1536750	50.182	ng	99
89) Benzo(k)fluoranthene	15.04	252	1264873	45.290	ng	98
90) Benzo(a)pyrene	15.36	252	1280576	45.833	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1255492	43.623	ng	98
92) Benzo(g,h,i)perylene	17.29	276	1251694	44.108	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: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

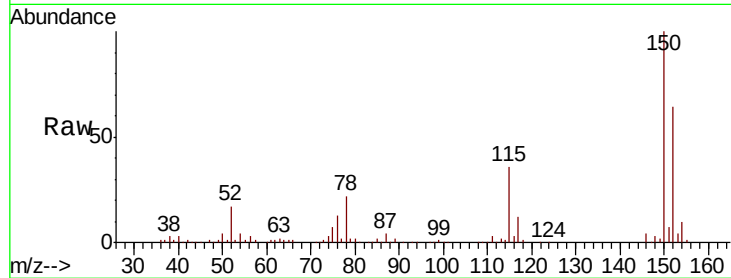
Tot Ion:152 Resp: 158542

Ion Ratio Lower Upper

152 100

150 155.7 125.0 187.6

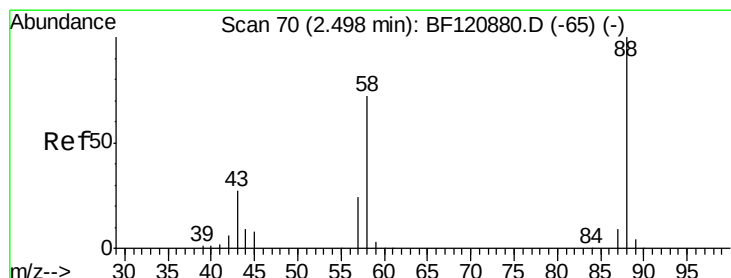
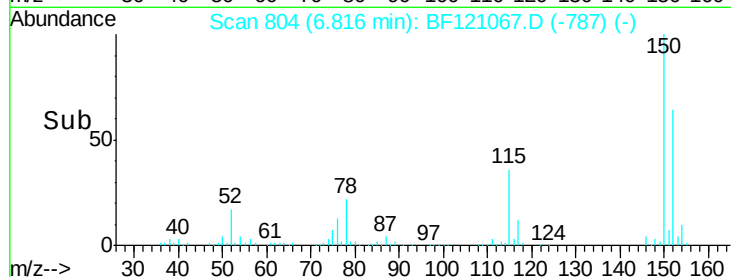
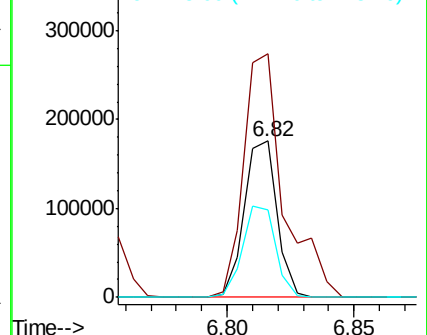
115 56.1 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.668 ng

RT: 2.59 min Scan# 85

Delta R.T. 0.09 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

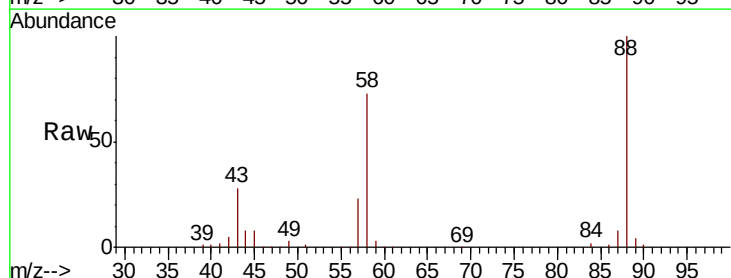
Tgt Ion: 88 Resp: 194362

Ion Ratio Lower Upper

88 100

58 71.2 58.2 87.2

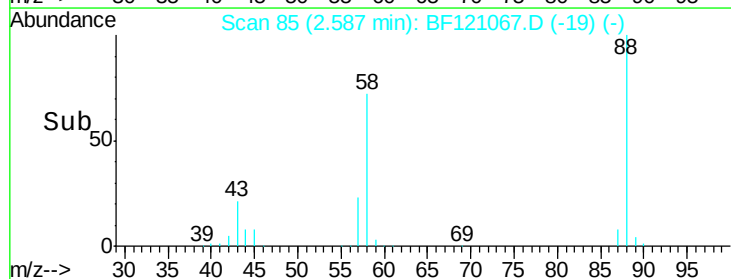
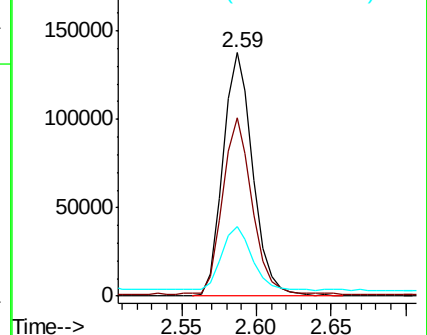
43 26.3 22.1 33.1

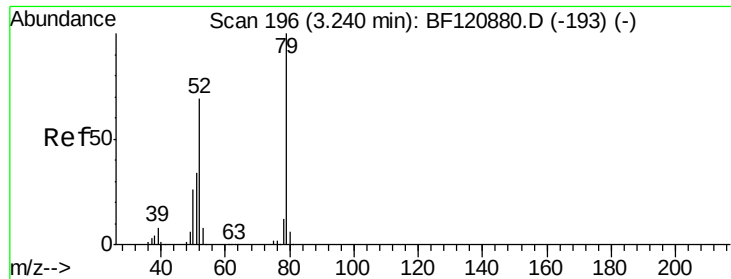


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.222 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.10 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

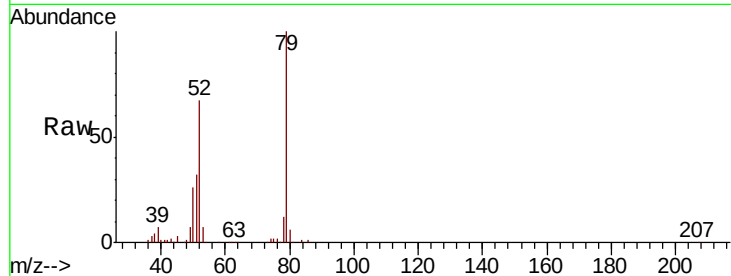
Tot Ion: 79 Resp: 452558

Ion Ratio Lower Upper

79 100

52 66.7 55.0 82.6

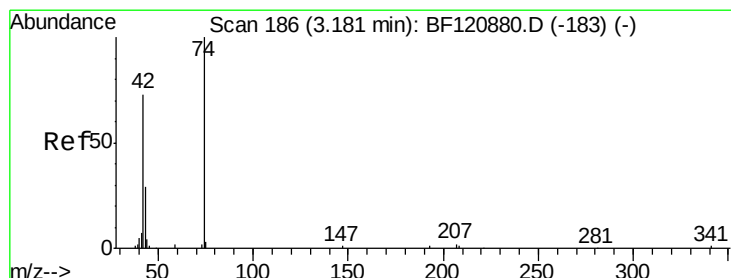
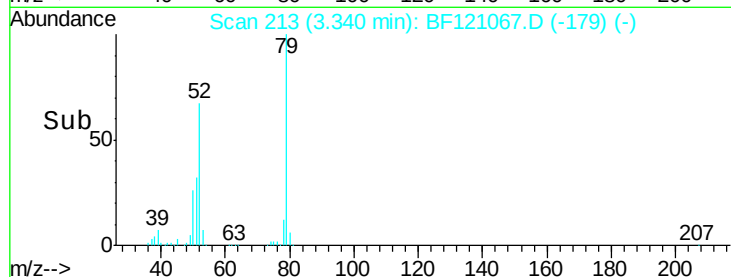
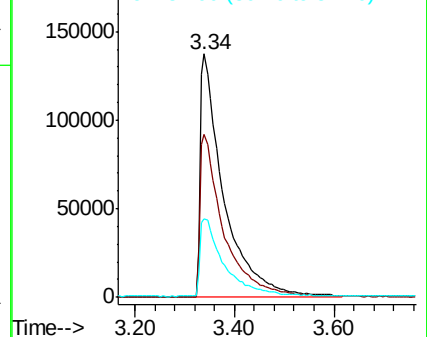
51 32.4 26.9 40.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.166 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.10 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

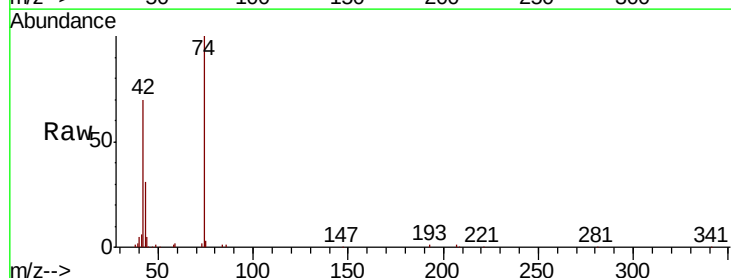
Tgt Ion: 42 Resp: 228673

Ion Ratio Lower Upper

42 100

74 142.1 108.7 163.1

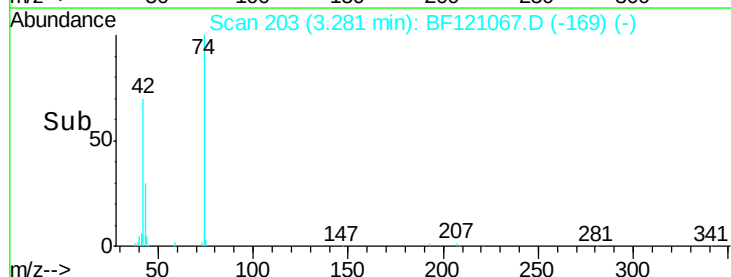
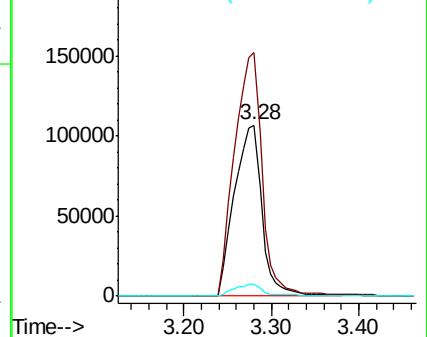
44 6.9 5.2 7.8

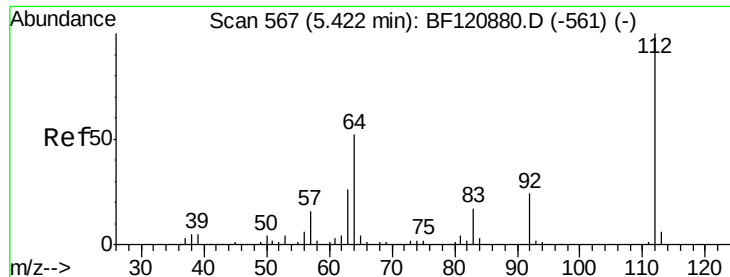


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 135.579 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

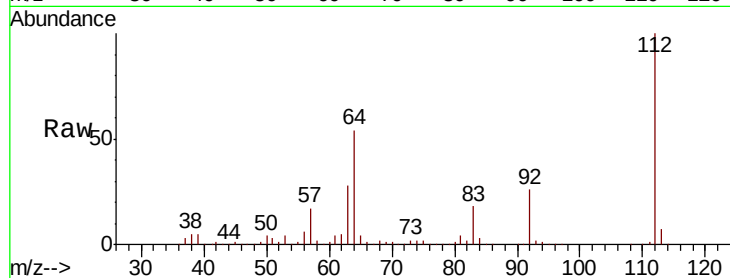
Tot Ion:112 Resp: 1311181

Ion Ratio Lower Upper

112 100

64 54.4 41.3 61.9

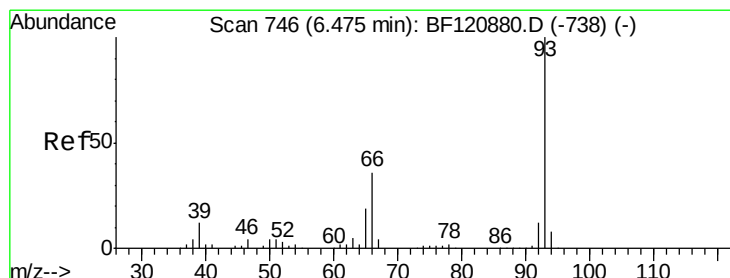
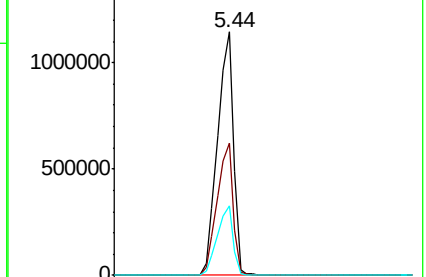
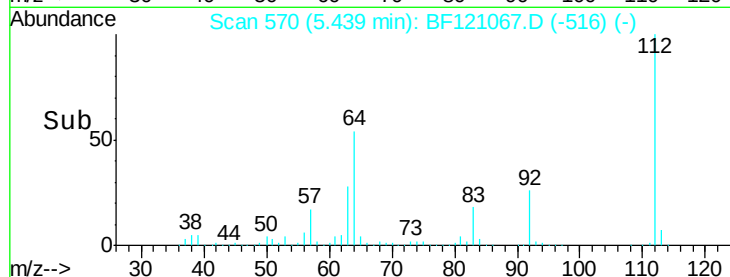
63 28.4 21.1 31.7



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: 27.270 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

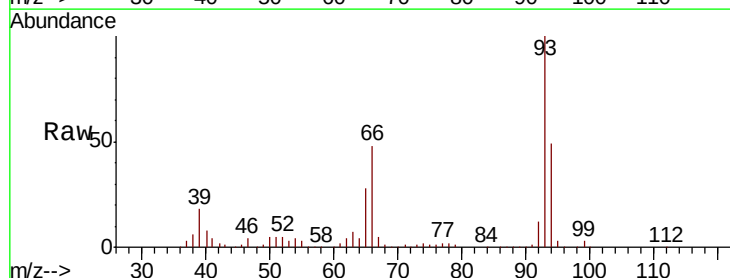
Tgt Ion: 93 Resp: 444695

Ion Ratio Lower Upper

93 100

66 47.6 30.2 45.4#

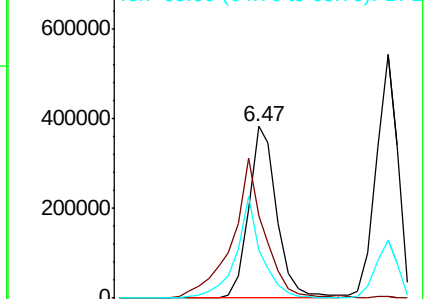
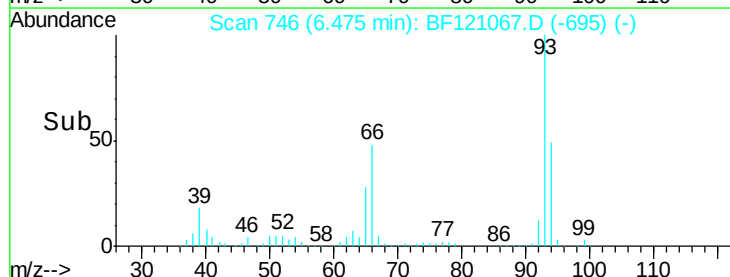
65 28.1 15.8 23.6#

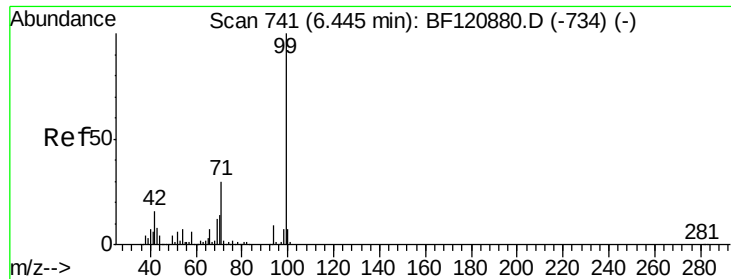


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.420 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampled :

SP-1MSD

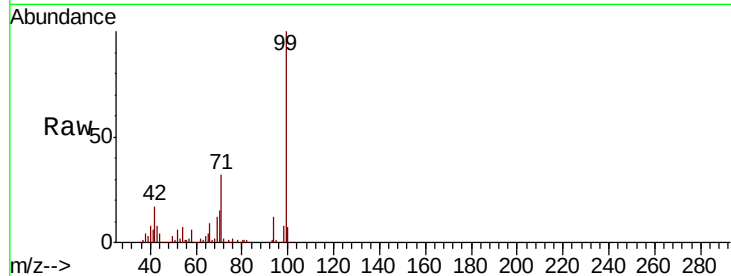
Tot Ion: 99 Resp: 1666739

Ion Ratio Lower Upper

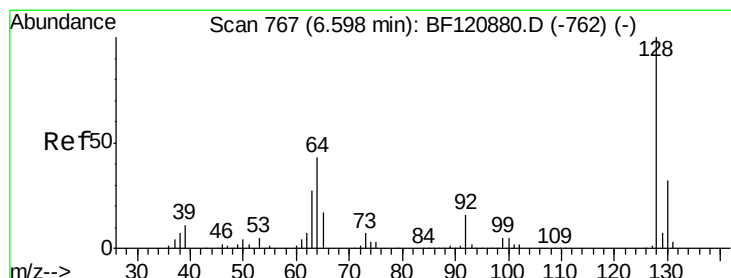
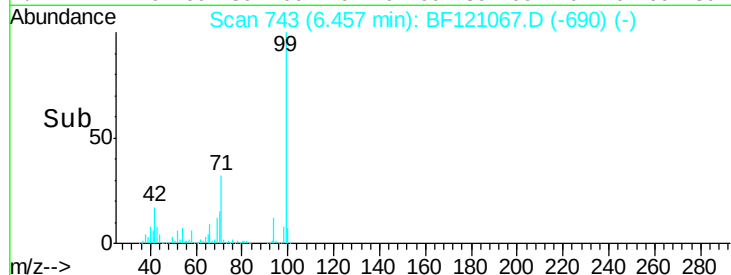
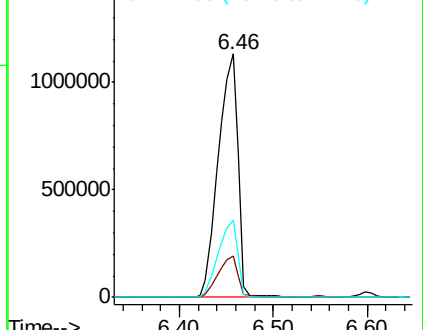
99 100

42 16.9 13.1 19.7

71 31.8 24.2 36.4



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



#8

2-Chlorophenol

Concen: 48.456 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

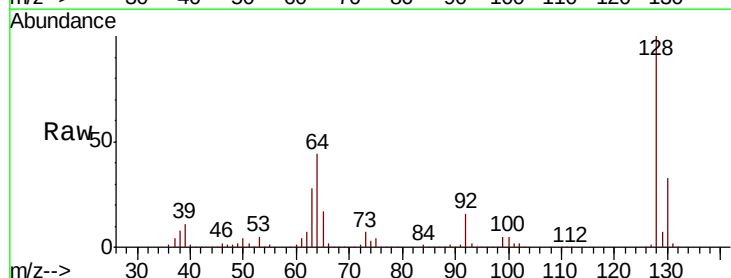
Tgt Ion: 128 Resp: 516245

Ion Ratio Lower Upper

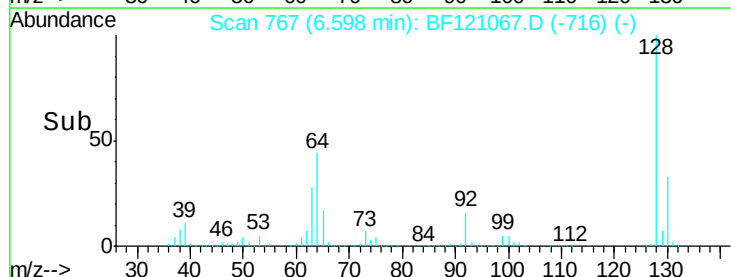
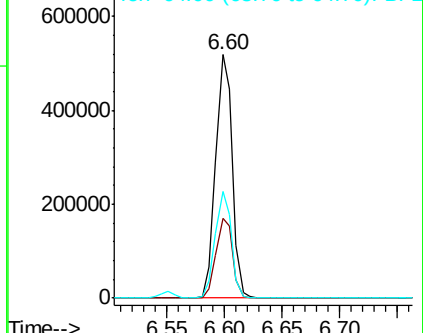
128 100

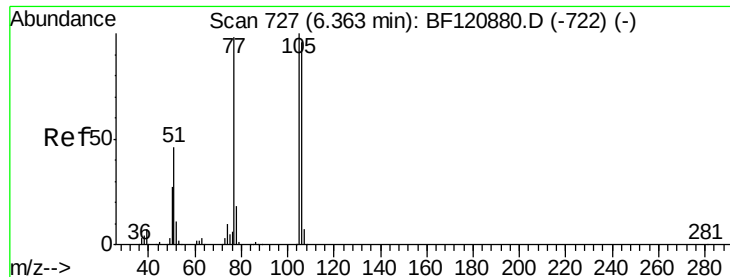
130 32.6 12.1 52.1

64 44.0 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: 68.217 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

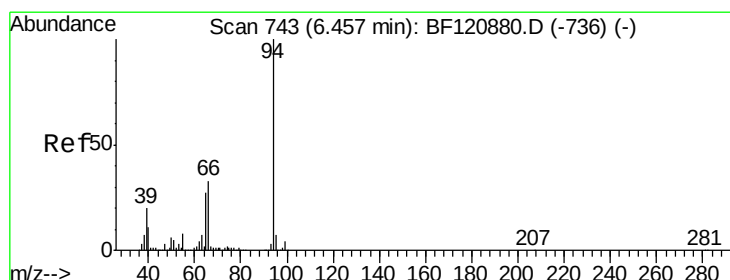
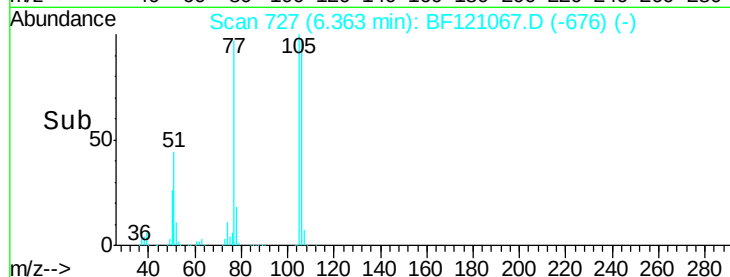
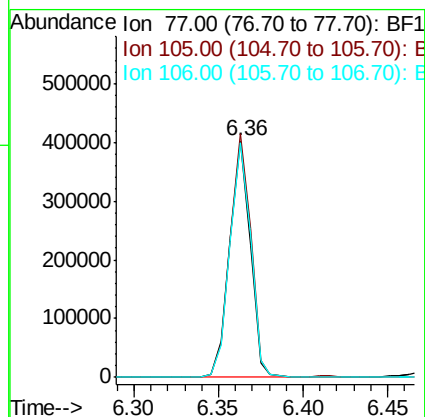
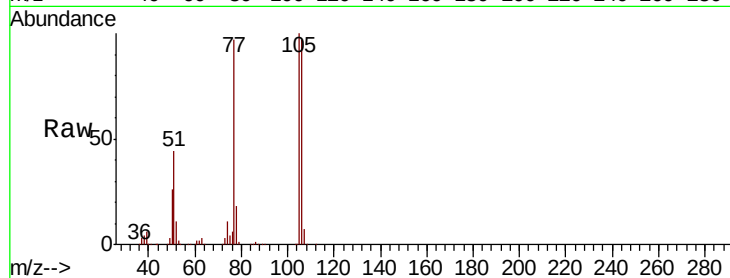
Tot Ion: 77 Resp: 342569

Ion Ratio Lower Upper

77 100

105 102.9 82.5 122.5

106 99.4 78.7 118.7



#10

Phenol

Concen: 41.759 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

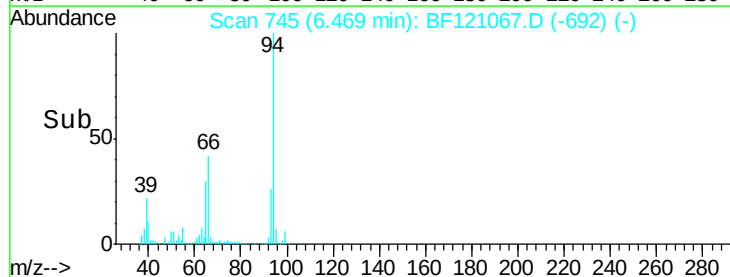
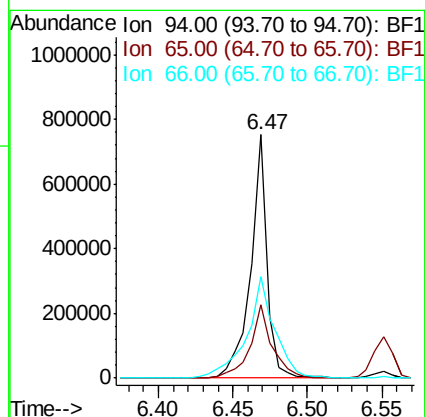
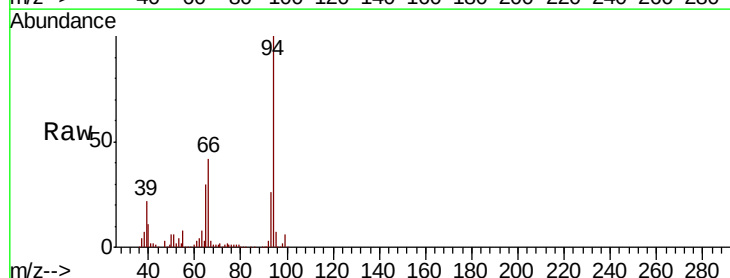
Tgt Ion: 94 Resp: 573856

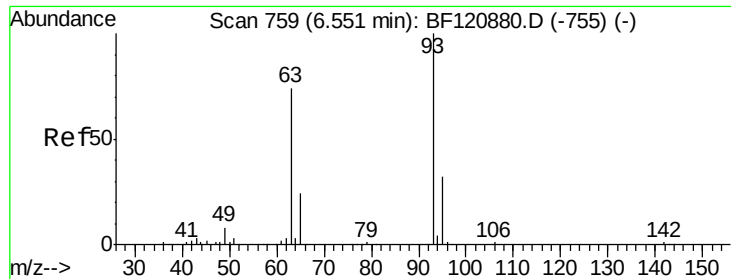
Ion Ratio Lower Upper

94 100

65 29.9 6.6 46.6

66 41.6 13.2 53.2





#11

bis(2-Chloroethyl)ether

Concen: 46.023 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

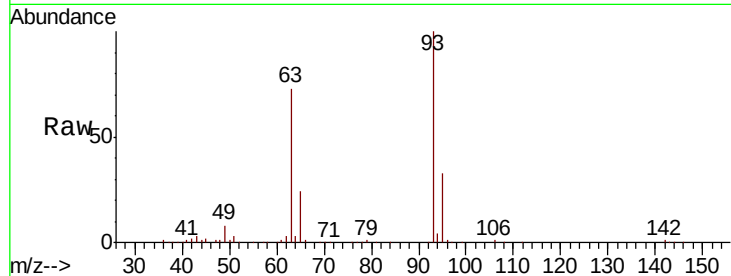
Tot Ion: 93 Resp: 484704

Ion Ratio Lower Upper

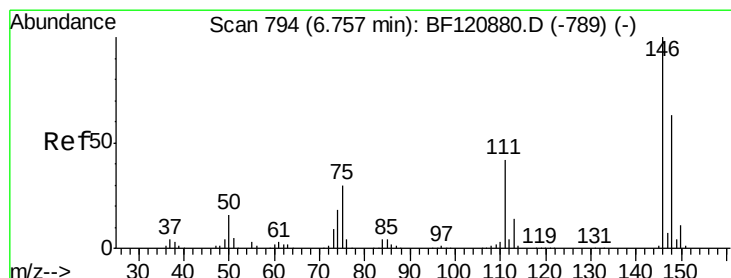
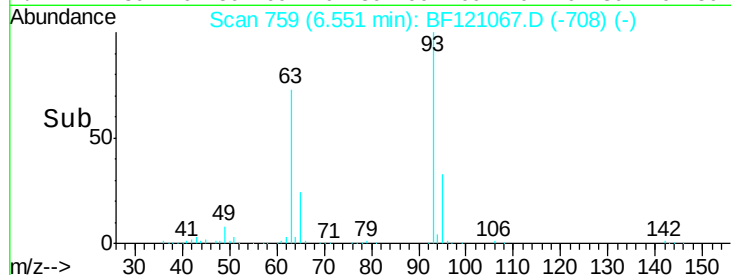
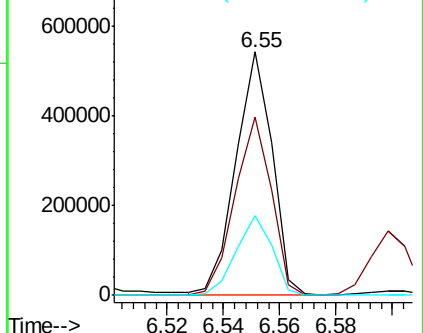
93 100

63 73.2 54.2 94.2

95 32.8 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 44.144 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

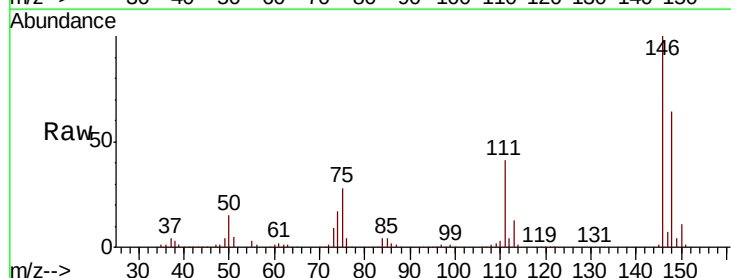
Tgt Ion: 146 Resp: 509977

Ion Ratio Lower Upper

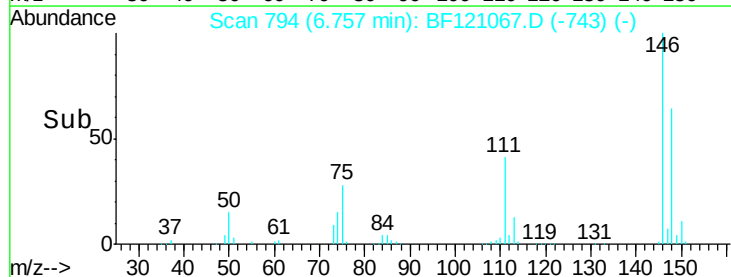
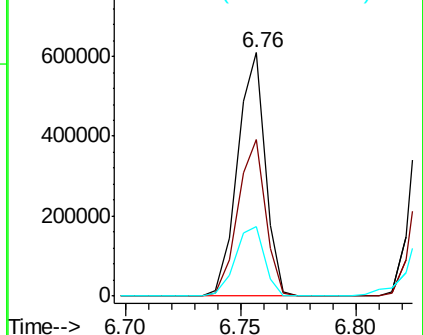
146 100

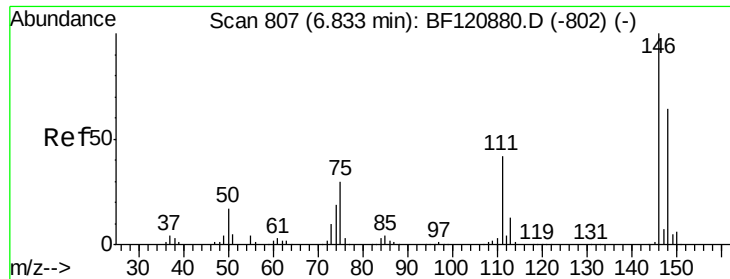
148 64.5 50.6 75.8

75 28.5 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

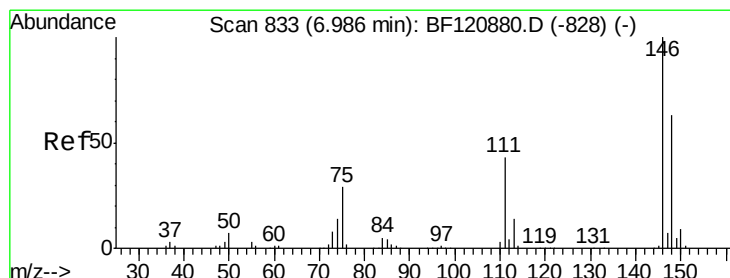
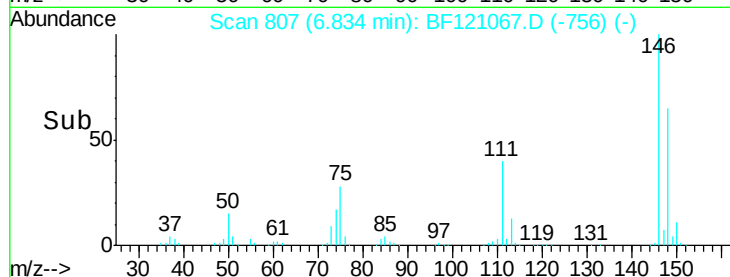
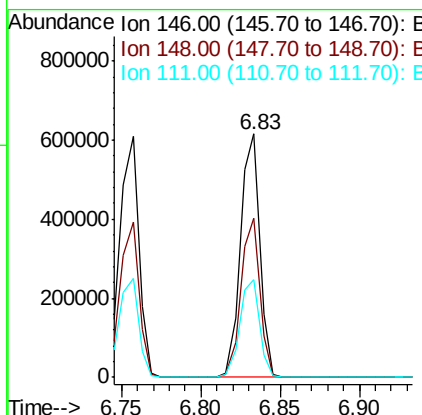
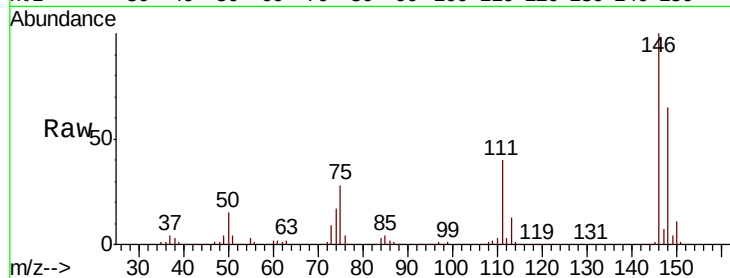




#13
 1,4-Dichlorobenzene
 Concen: 45.193 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

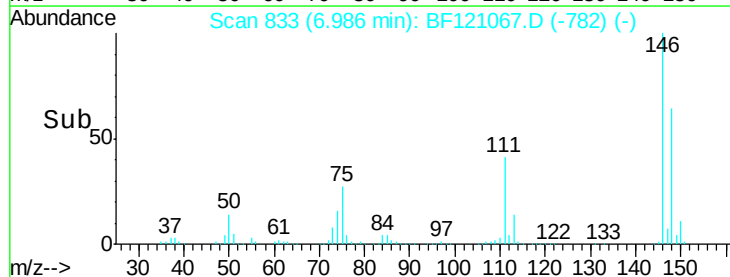
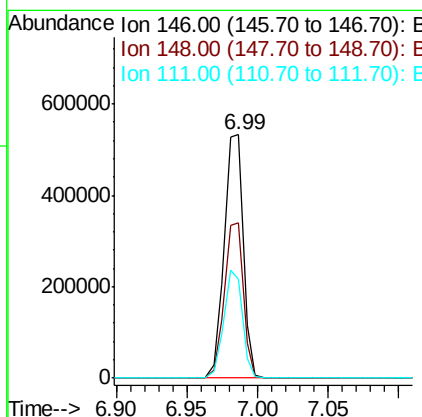
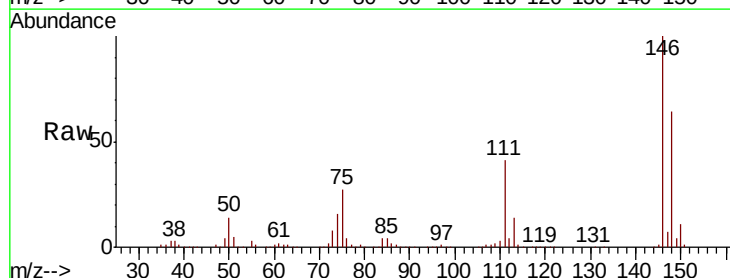
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

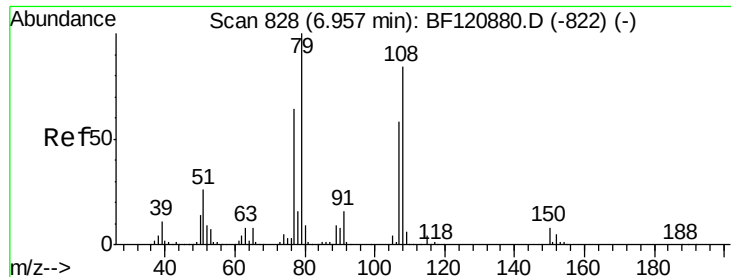
Tot Ion:146 Resp: 519154
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.6 77.4
 111 39.9 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 46.182 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

Tgt Ion:146 Resp: 501879
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 76.0
 111 40.9 34.2 51.2





#15

Benzyl Alcohol

Concen: 46.362 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

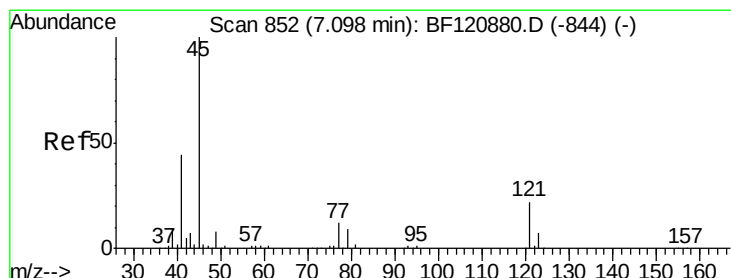
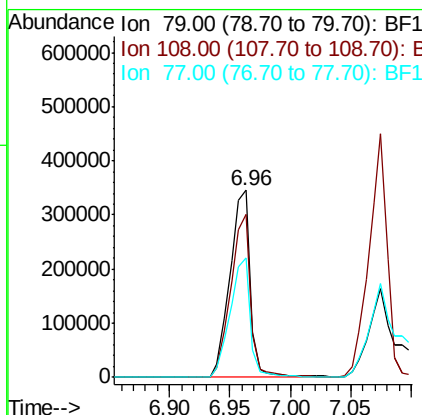
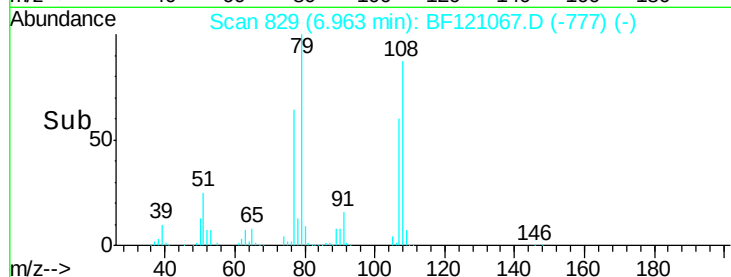
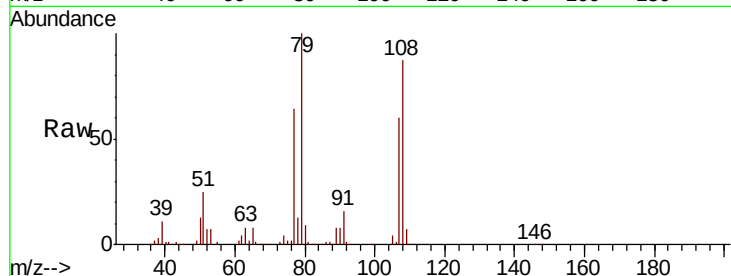
Tot Ion: 79 Resp: 409589

Ion Ratio Lower Upper

79 100

108 87.4 67.0 100.6

77 63.7 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.585 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

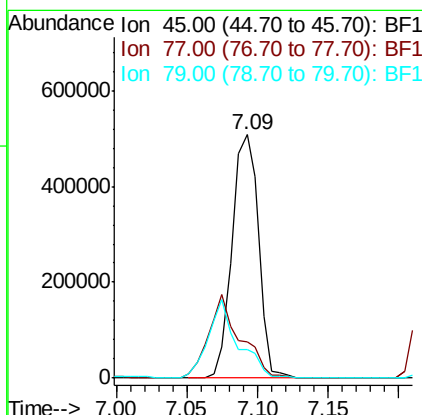
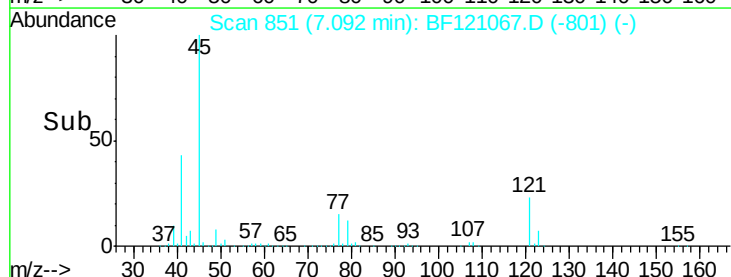
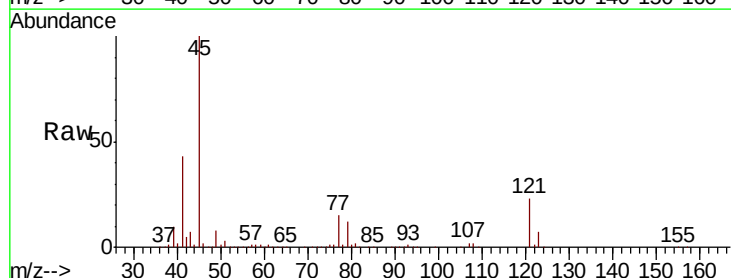
Tgt Ion: 45 Resp: 661614

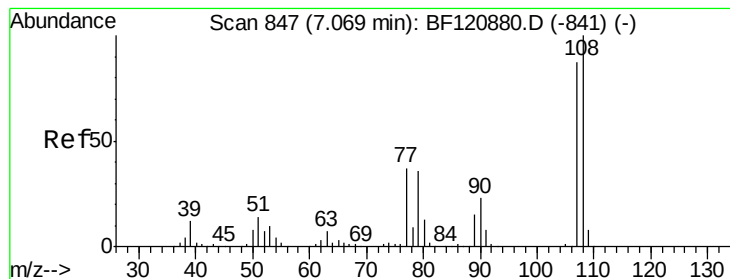
Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.3

79 11.7 0.0 31.0





#17

2-Methylphenol

Concen: 43.418 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

Tot Ion:107 Resp: 409991

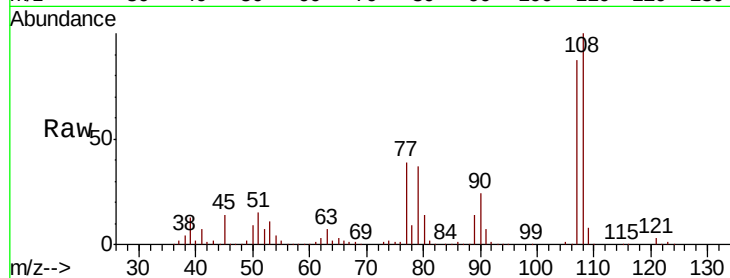
Ion Ratio Lower Upper

107 100

108 115.2 92.0 138.0

77 44.4 34.0 51.0

79 42.2 33.3 49.9

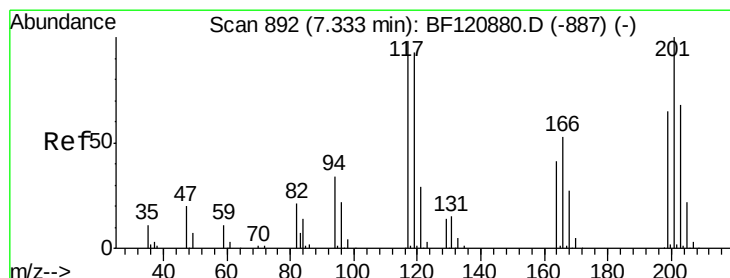
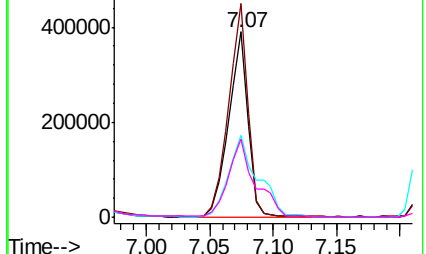
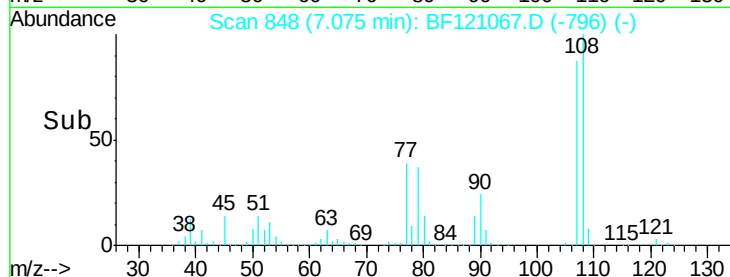


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 46.497 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

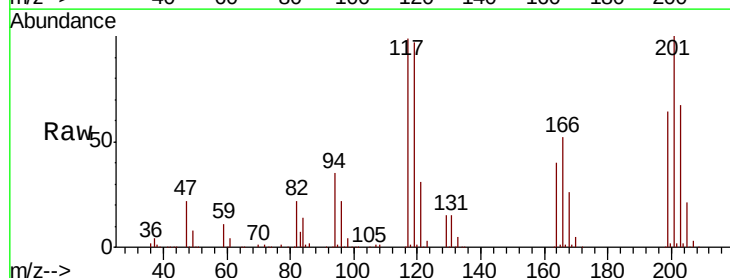
Tgt Ion:117 Resp: 193322

Ion Ratio Lower Upper

117 100

119 97.2 76.0 114.0

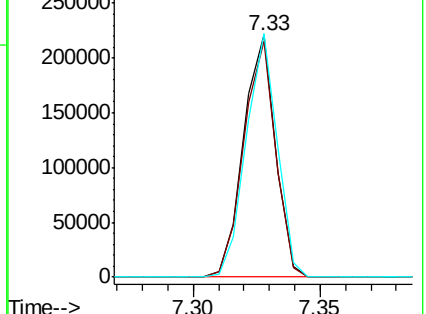
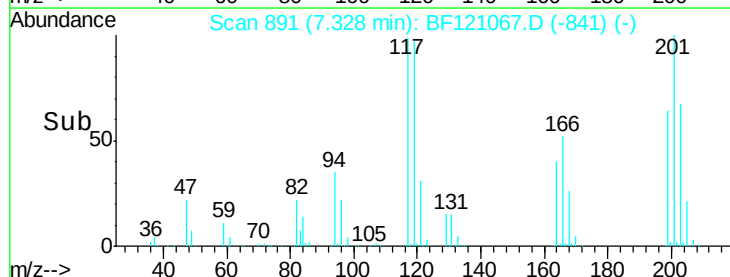
201 100.6 81.7 122.5

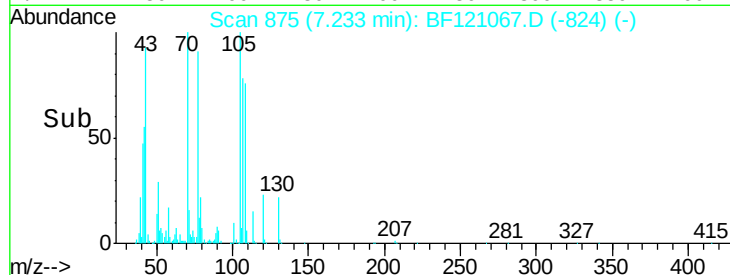
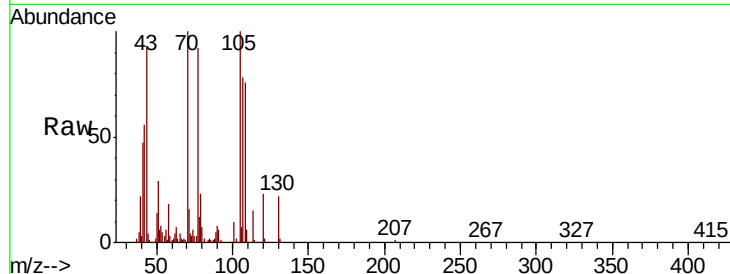
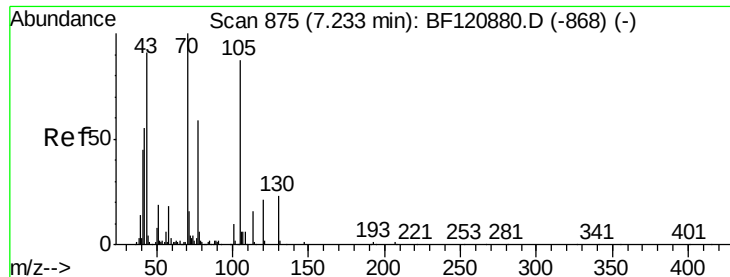


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

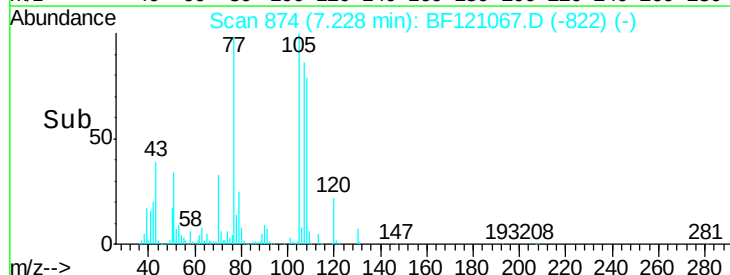
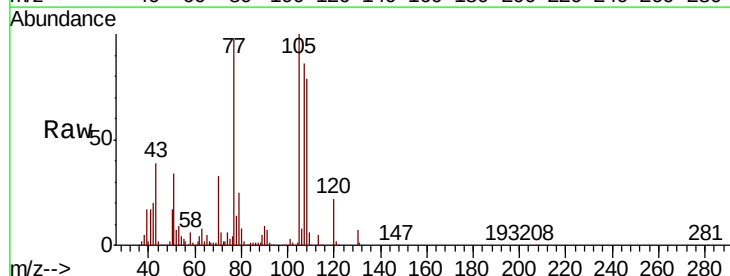
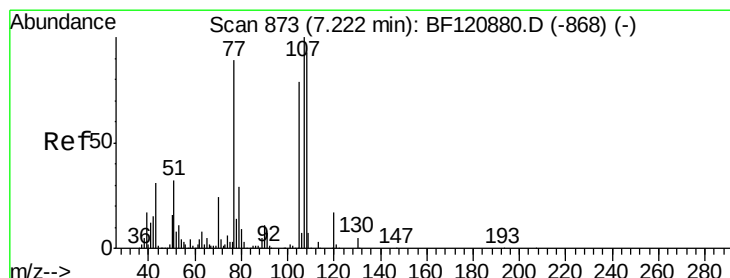
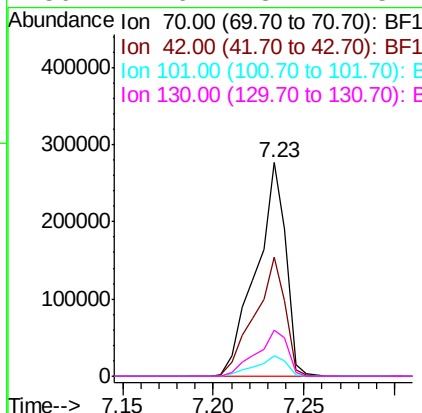




#19
n-Nitroso-di-n-propylamine
Concen: 44.455 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

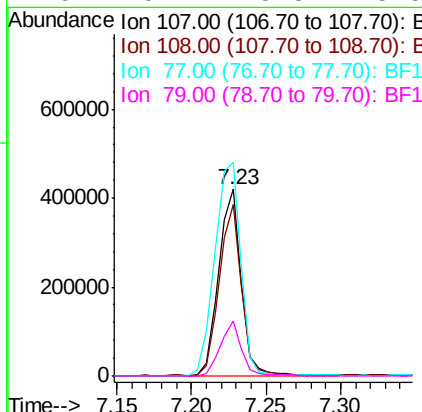
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

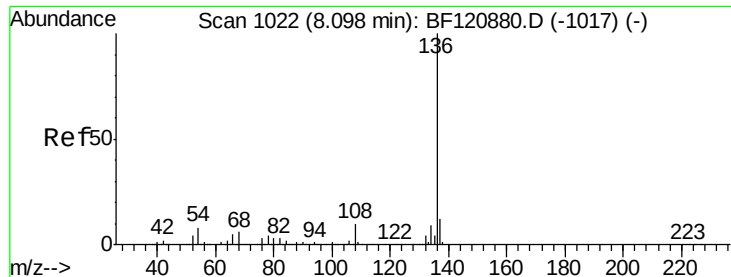
Tot Ion:	70	Resp:	315789
Ion	Ratio	Lower	Upper
70	100		
42	55.7	44.0	66.0
101	9.5	7.8	11.6
130	21.6	18.7	28.1



#20
3+4-Methylphenols
Concen: 37.065 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:	107	Resp:	445231
Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.8	112.8
77	114.3	68.7	108.7#
79	29.2	8.5	48.5

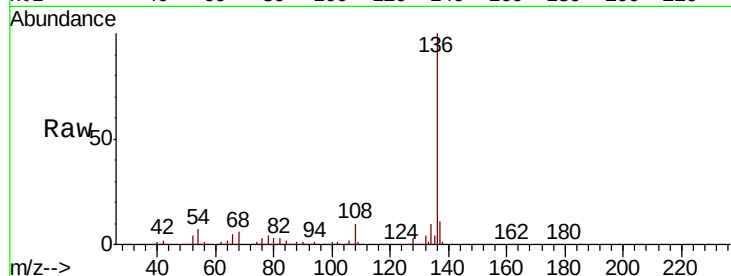




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:136	Resp:	619905
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.3 13.9
54	7.4	6.3 9.5
68	5.9	5.0 7.4



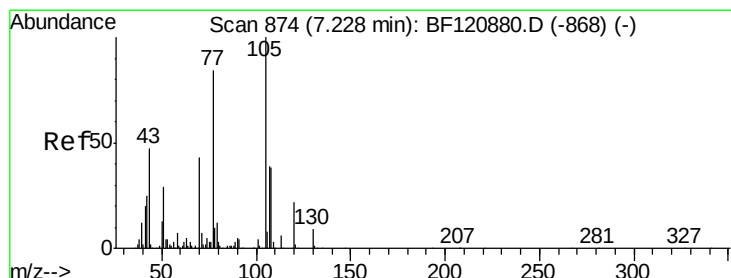
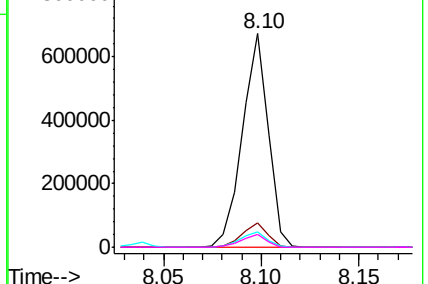
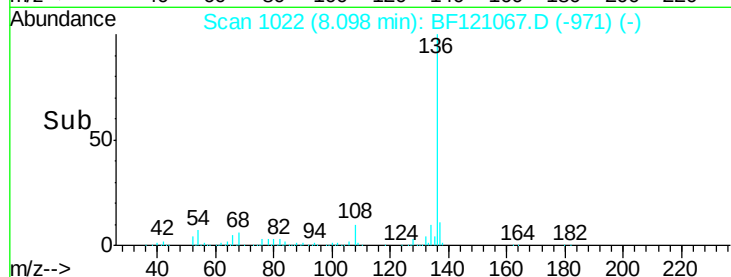
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

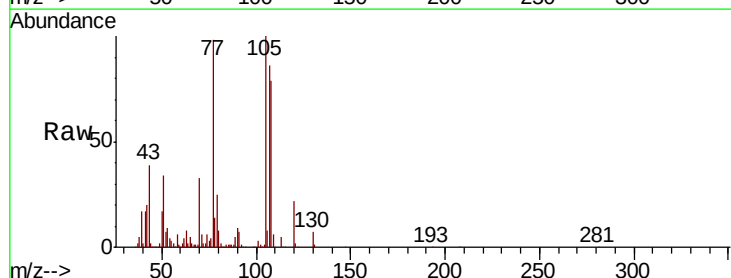
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.650 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:105	Resp:	621200
Ion Ratio	Lower	Upper
105	100	
71	5.8	5.7 8.5
51	34.3	22.9 34.3
120	22.2	18.0 27.0



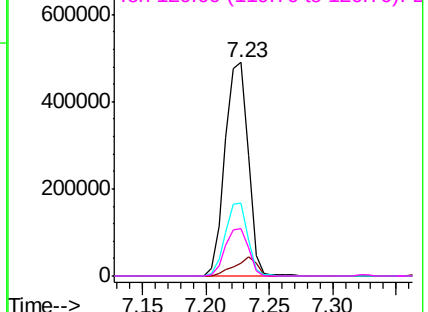
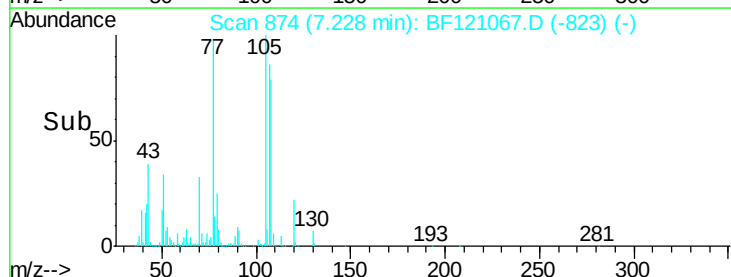
Abundance

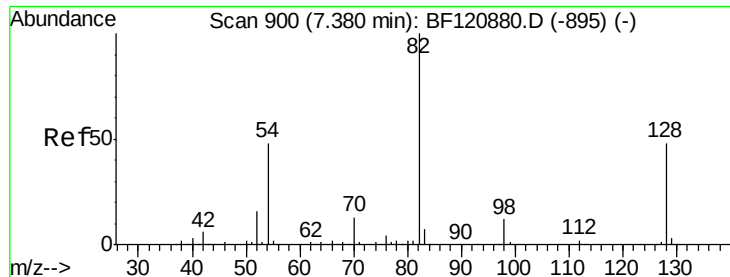
Ion 105.00 (104.70 to 105.70): E

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

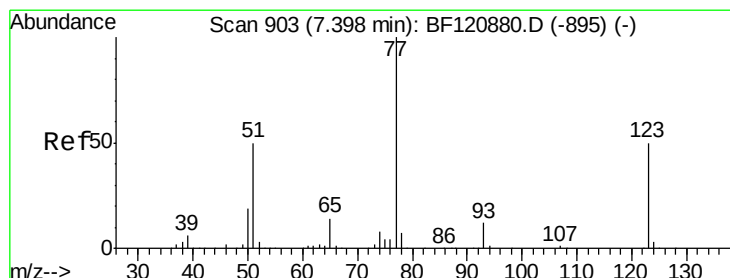
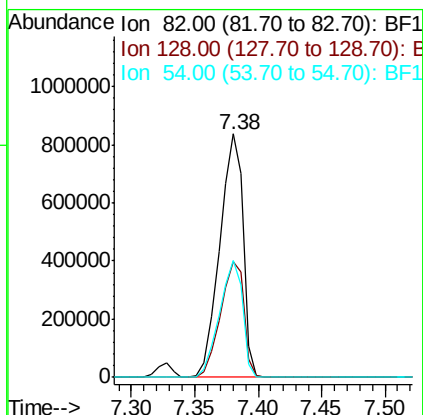
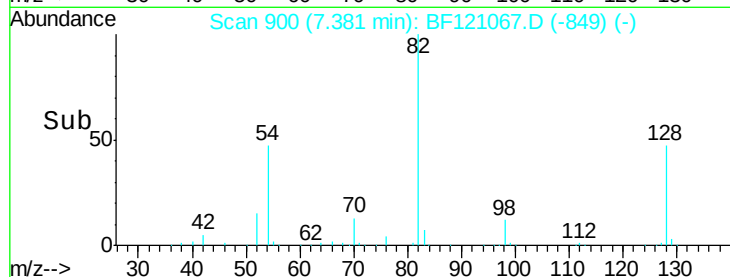
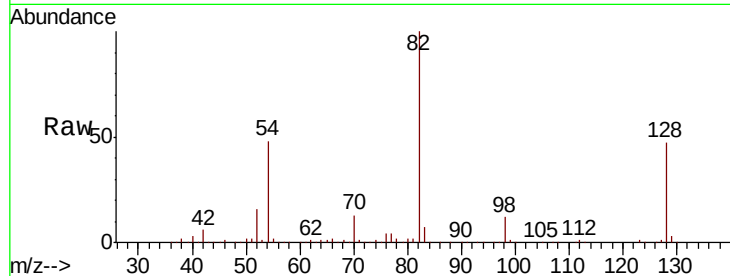




#23
Nitrobenzene-d5
Concen: 99.788 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

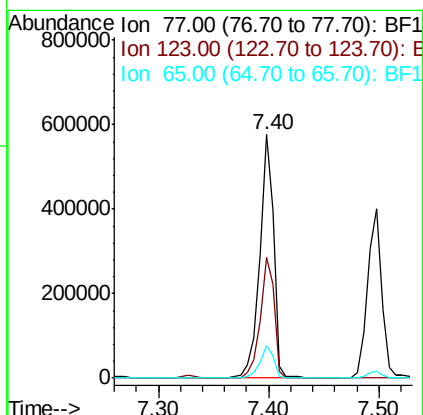
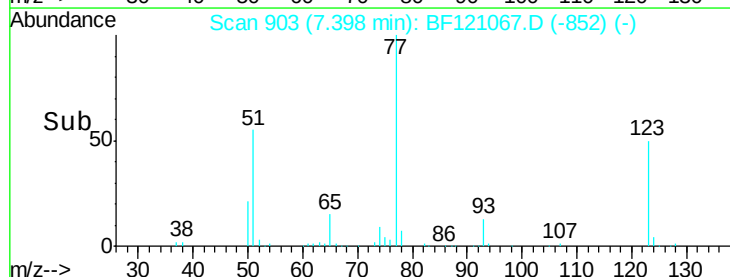
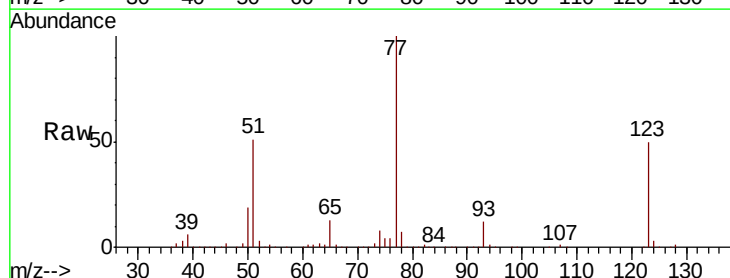
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

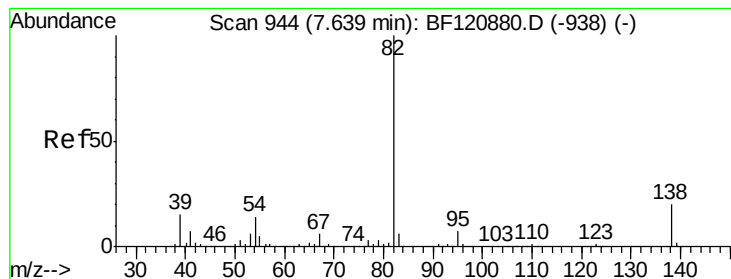
Tot Ion: 82 Resp: 1069061
Ion Ratio Lower Upper
82 100
128 47.2 38.2 57.4
54 48.0 38.7 58.1



#24
Nitrobenzene
Concen: 44.148 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion: 77 Resp: 509772
Ion Ratio Lower Upper
77 100
123 49.7 40.1 60.1
65 13.4 10.8 16.2





#25

Isophorone

Concen: 44.449 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

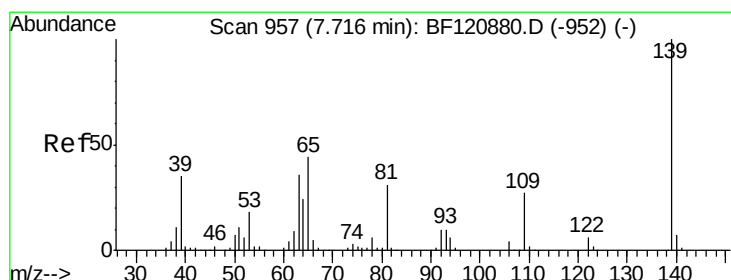
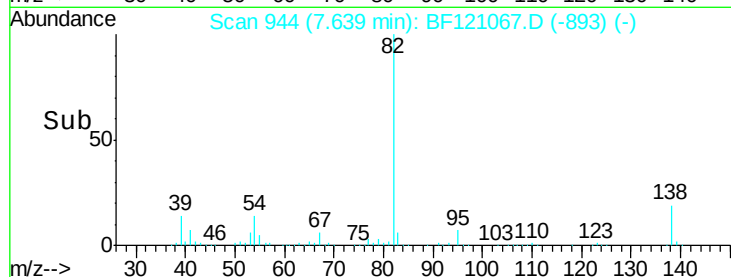
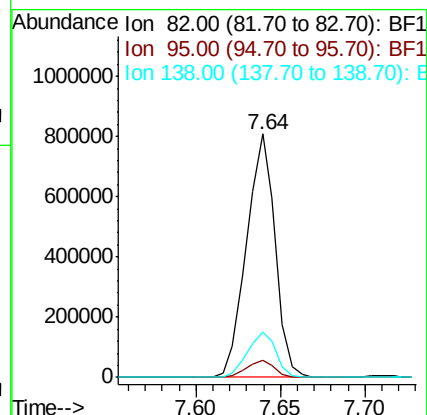
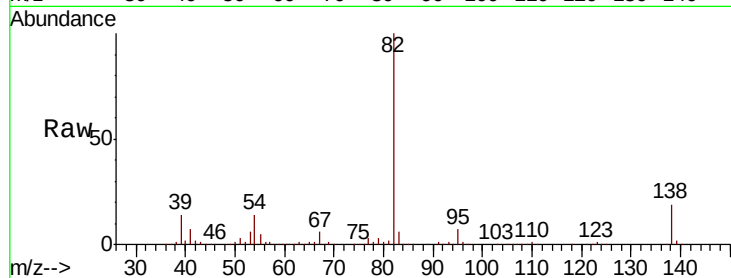
Tot Ion: 82 Resp: 950380

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 18.6 15.6 23.4



#26

2-Nitrophenol

Concen: 50.195 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

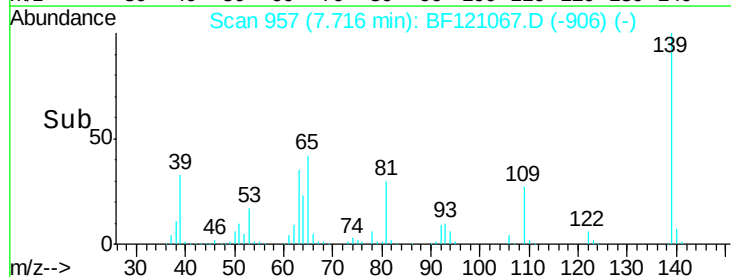
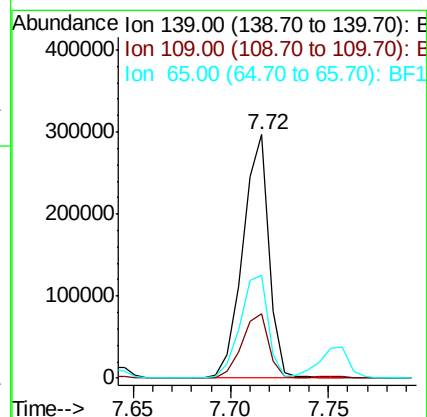
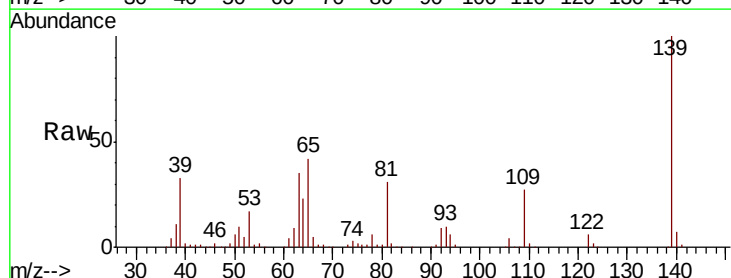
Tgt Ion: 139 Resp: 275270

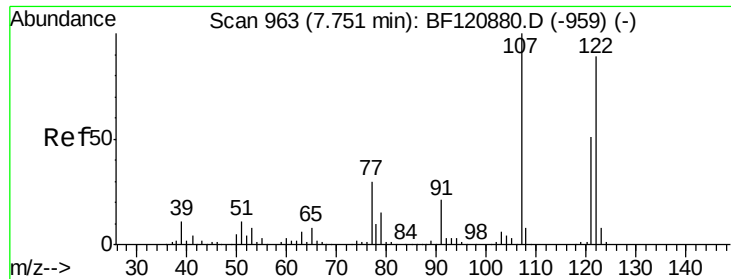
Ion Ratio Lower Upper

139 100

109 26.6 21.6 32.4

65 42.0 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 49.428 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

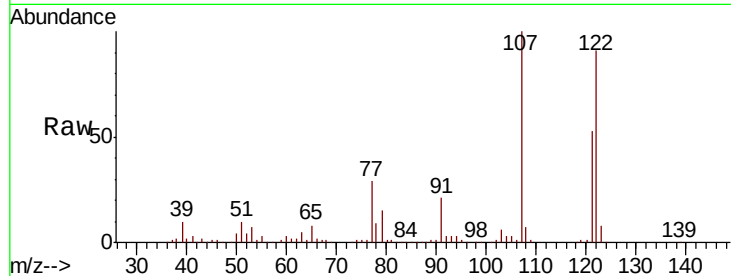
Tot Ion:122 Resp: 440093

Ion Ratio Lower Upper

122 100

107 109.9 89.4 134.0

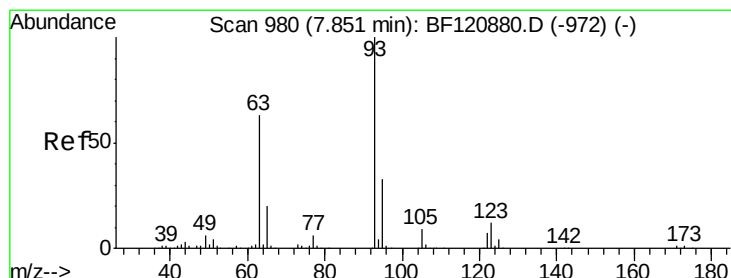
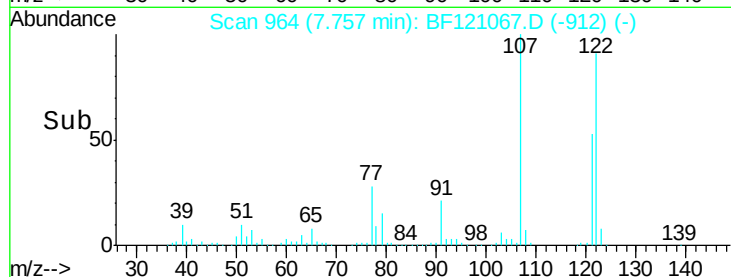
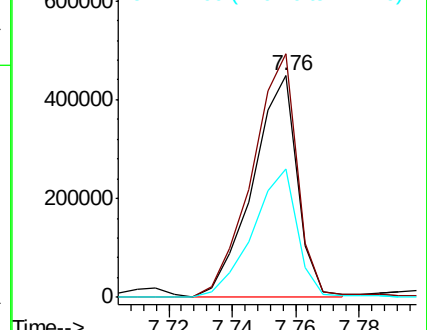
121 58.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.211 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

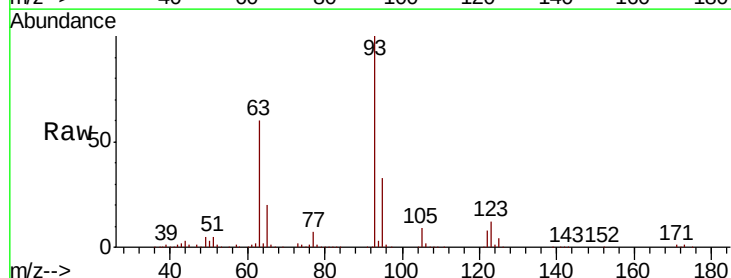
Tgt Ion: 93 Resp: 603130

Ion Ratio Lower Upper

93 100

95 33.0 26.6 39.8

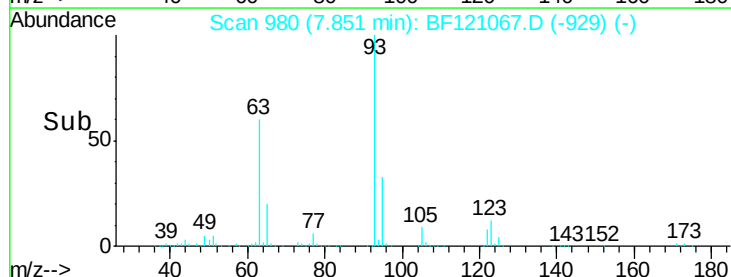
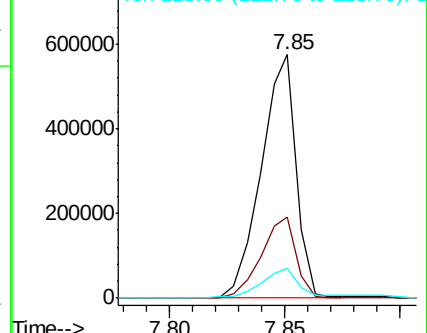
123 12.4 10.0 15.0

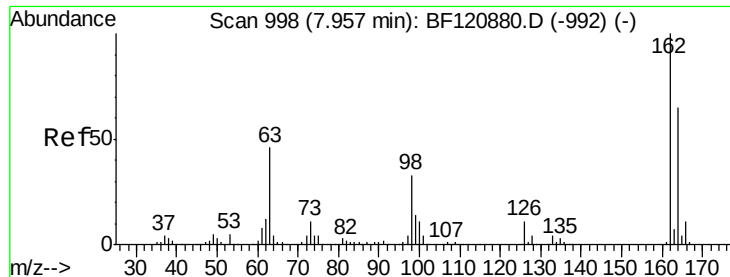


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

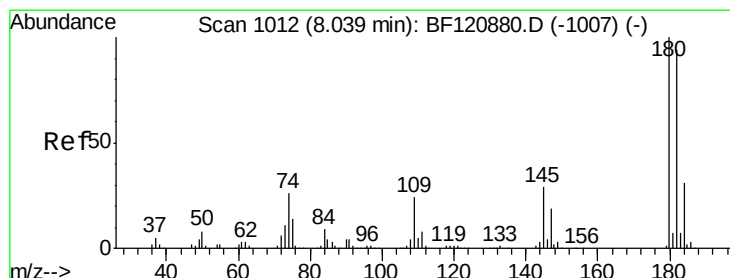
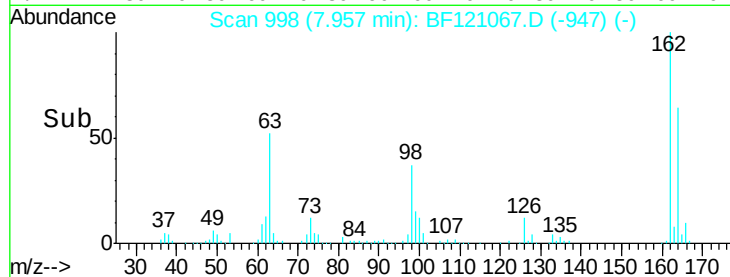
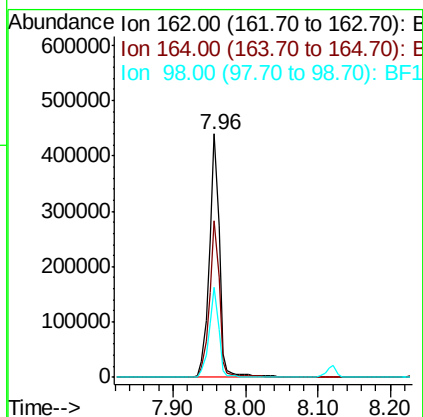
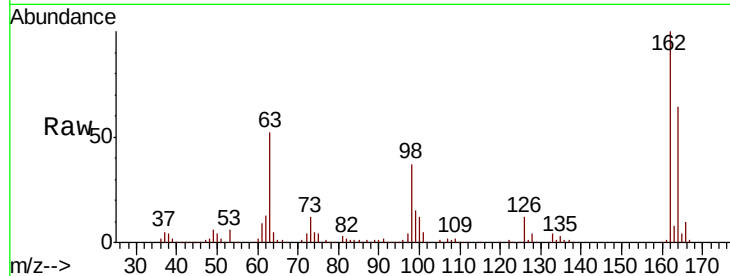




#29
 2,4-Dichlorophenol
 Concen: 46.938 ng
 RT: 7.96 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

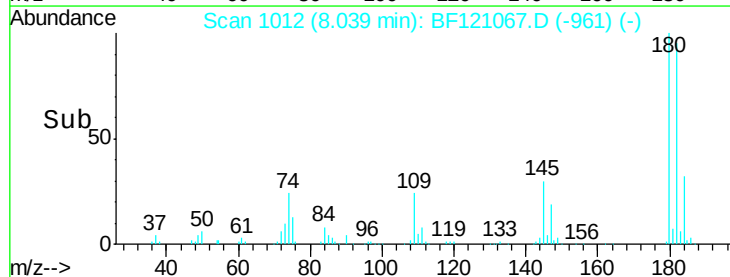
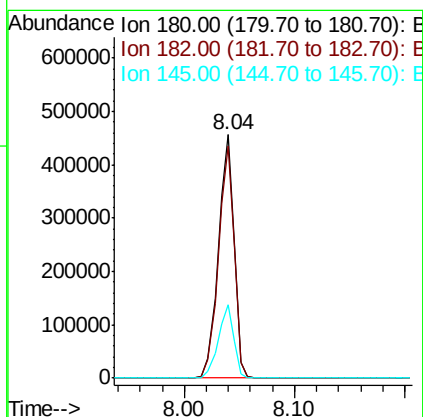
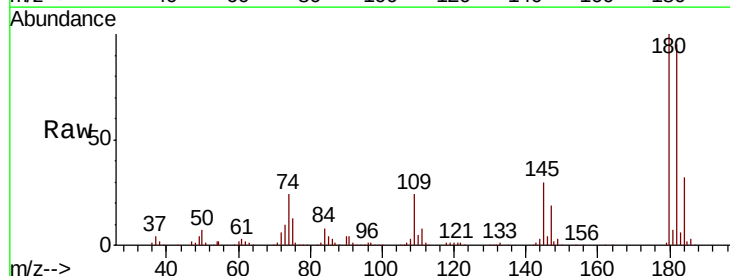
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

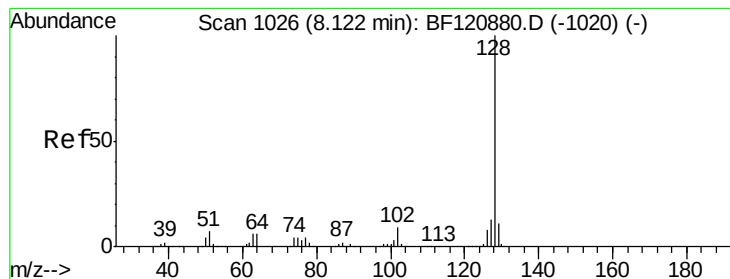
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.3	85.3
98	36.8	13.3	53.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.650 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.0	112.6
145	29.9	23.5	35.3





#31

Naphthalene

Concen: 44.013 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

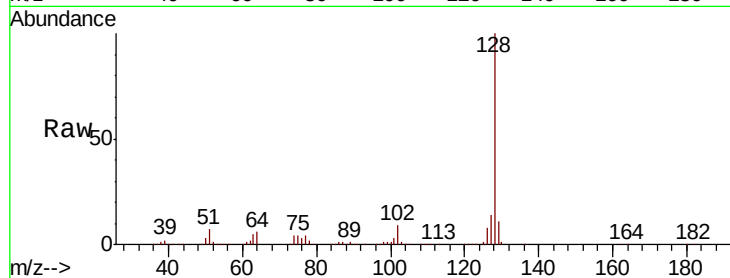
Tot Ion:128 Resp: 1399537

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

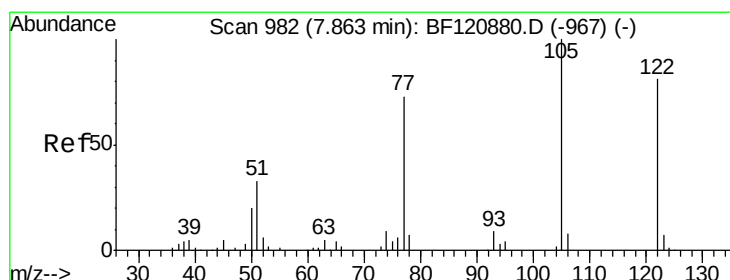
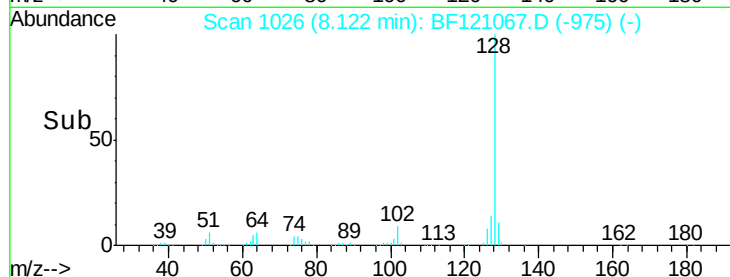
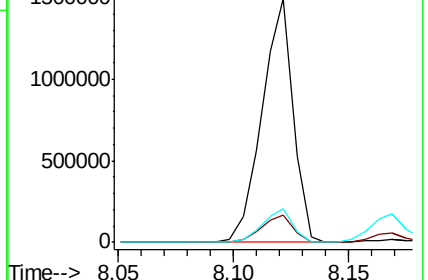
127 13.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.986 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.03 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

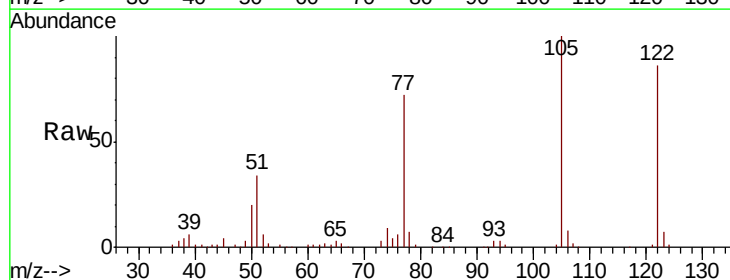
Tgt Ion:122 Resp: 327411

Ion Ratio Lower Upper

122 100

105 116.4 101.3 141.3

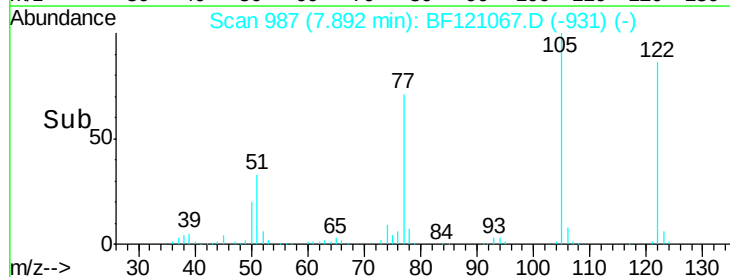
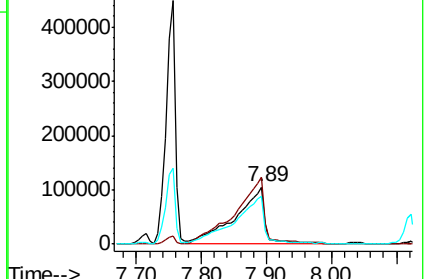
77 84.0 69.1 109.1

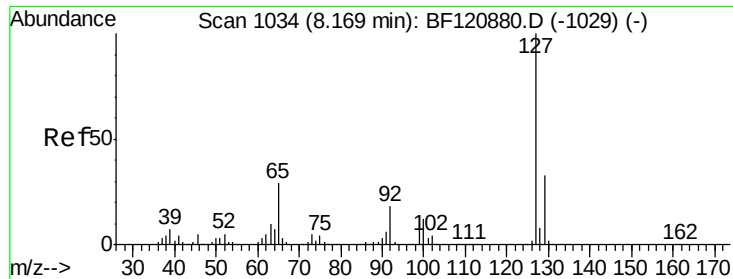


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

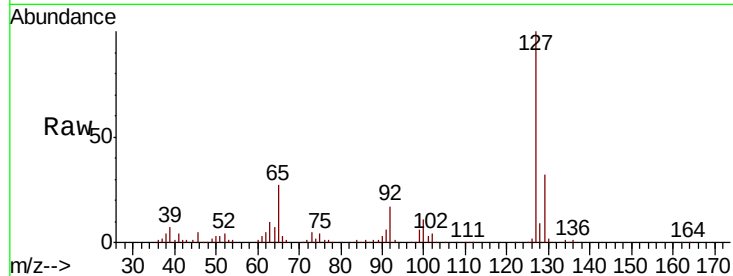




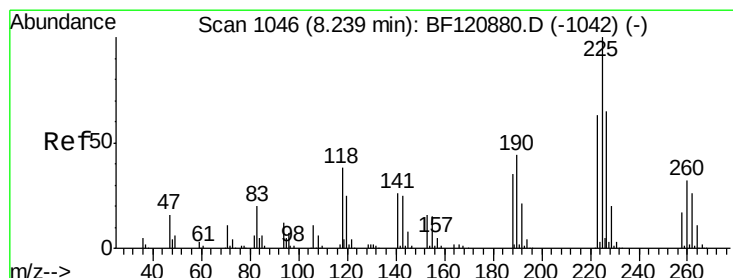
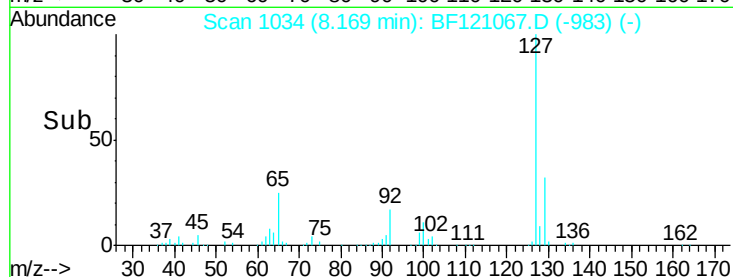
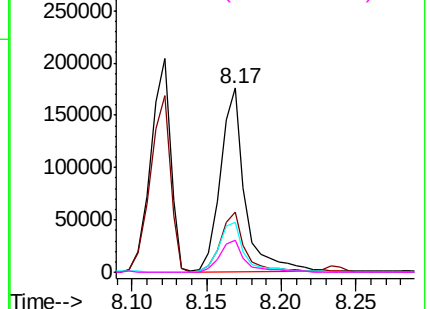
#33
4-Chloroaniline
Concen: 14.317 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:	127	Resp:	203093
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	27.1	23.0	34.4
92	17.2	14.5	21.7

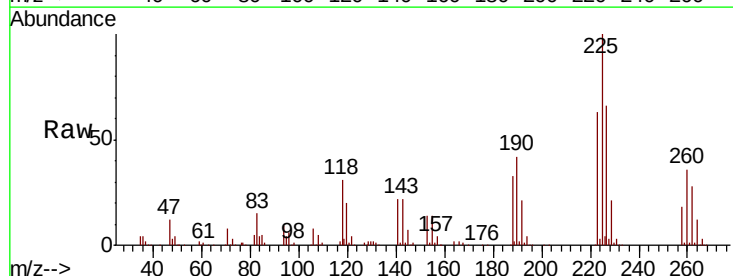


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

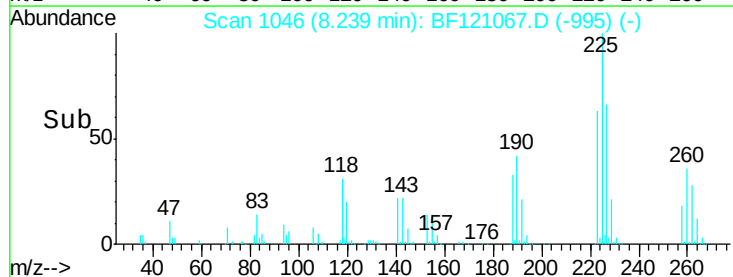
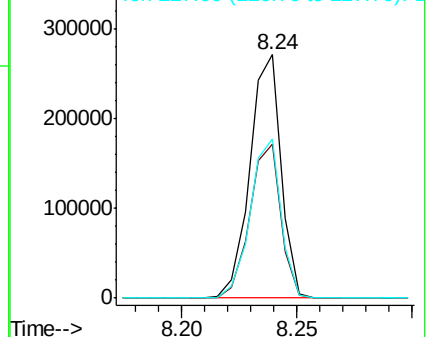


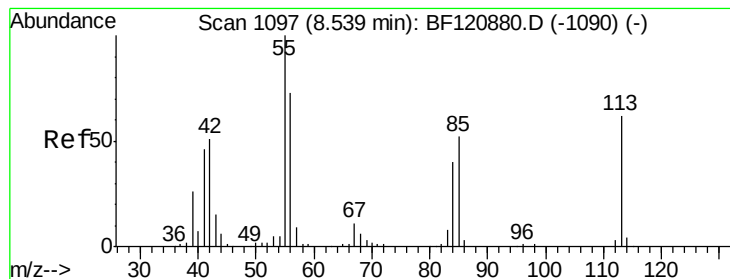
#34
Hexachlorobutadiene
Concen: 42.941 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:	225	Resp:	255527
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	65.5	52.2	78.2



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





#35

Caprolactam

Concen: 36.875 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

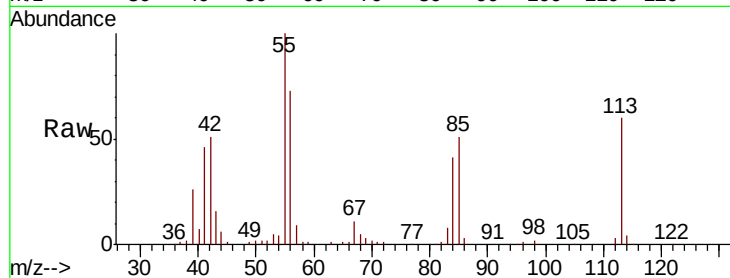
Tot Ion:113 Resp: 107591

Ion Ratio Lower Upper

113 100

55 167.6 143.3 183.3

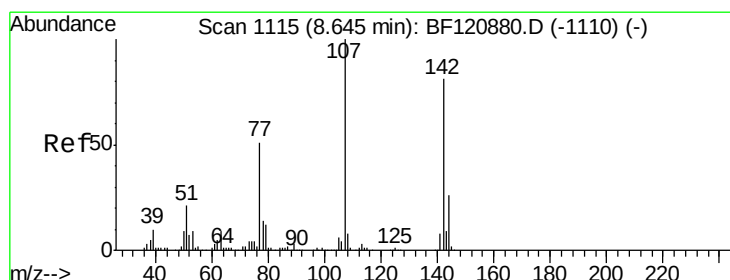
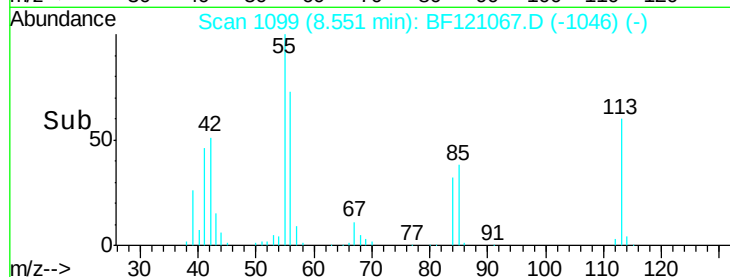
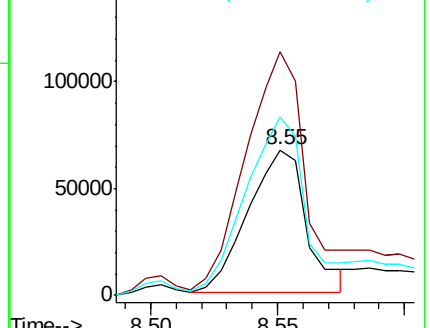
56 122.9 99.4 139.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.327 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

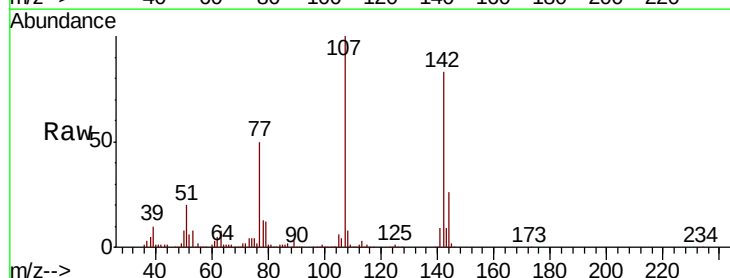
Tgt Ion:107 Resp: 450954

Ion Ratio Lower Upper

107 100

144 26.4 21.0 31.6

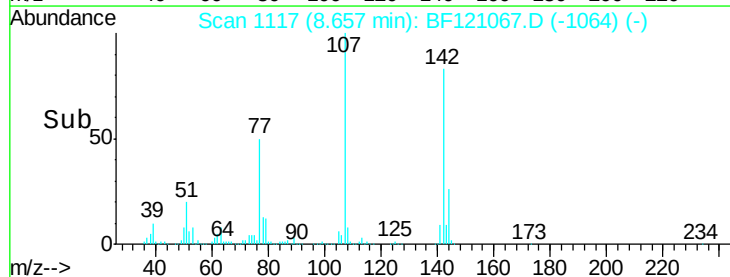
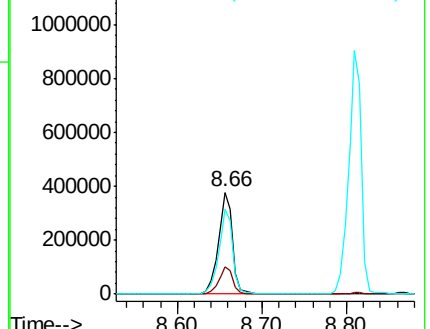
142 82.9 65.0 97.6

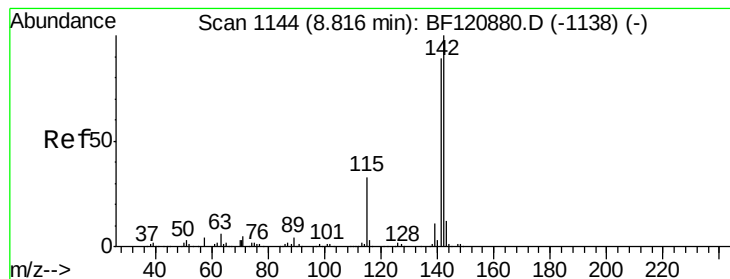


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.803 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

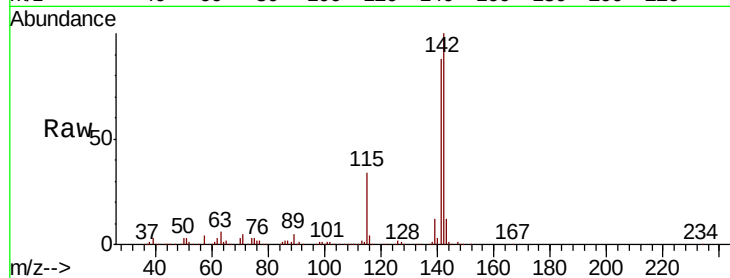
Tot Ion:142 Resp: 966322

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.4

115 34.2 26.0 39.0



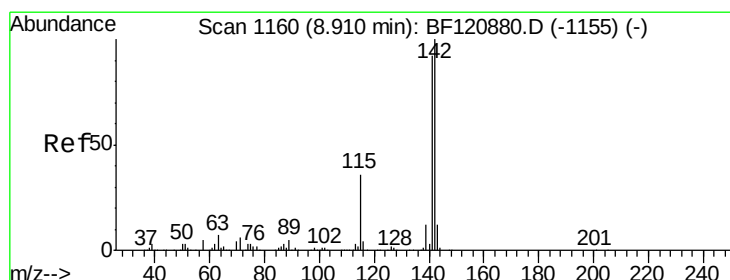
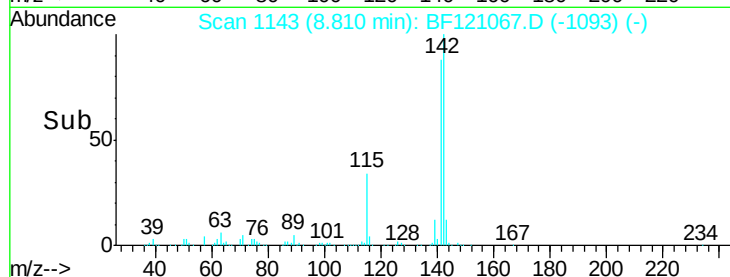
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.81

Time-->



#38

1-Methylnaphthalene

Concen: 45.884 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

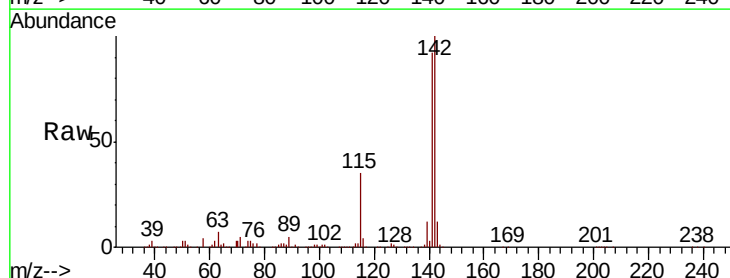
Tgt Ion:142 Resp: 897240

Ion Ratio Lower Upper

142 100

141 91.6 73.7 110.5

116 3.7 3.0 4.6



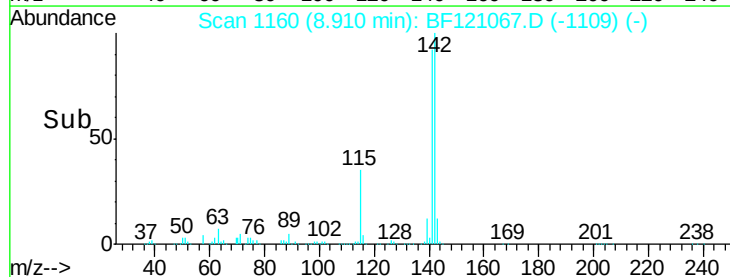
Abundance Ion 142.00 (141.70 to 142.70): E

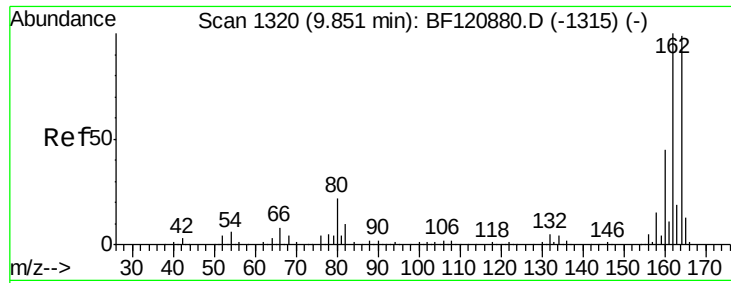
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.91

Time-->

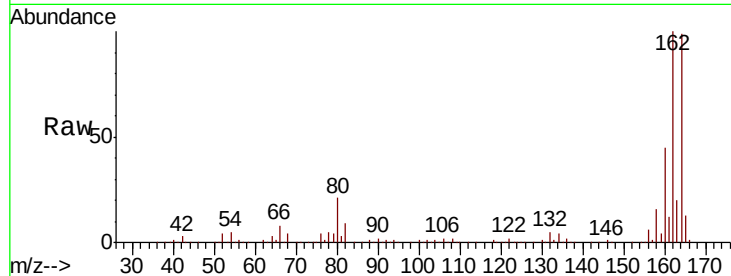




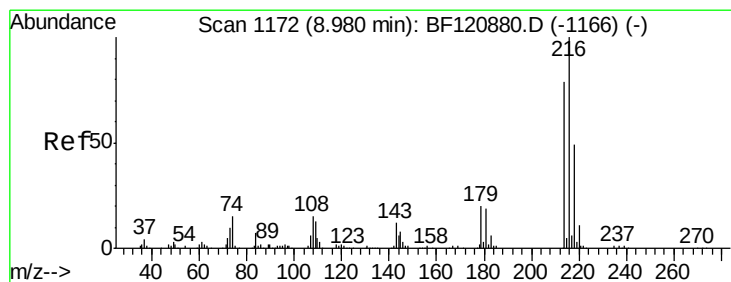
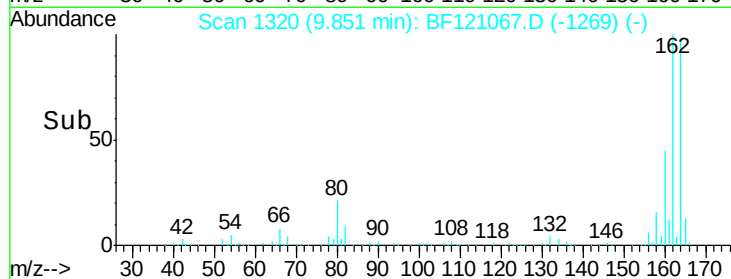
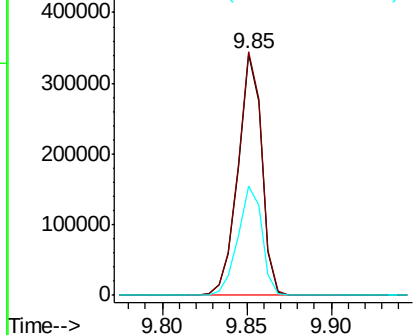
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:164 Resp: 332224
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 45.5 36.9 55.3

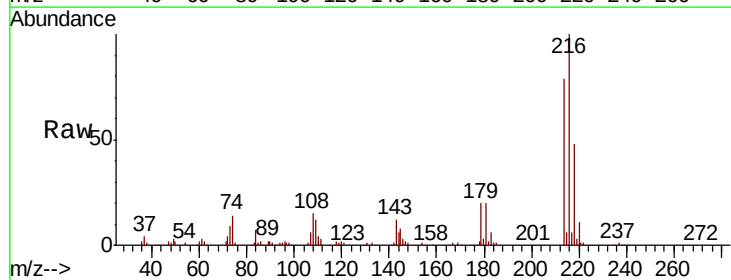


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

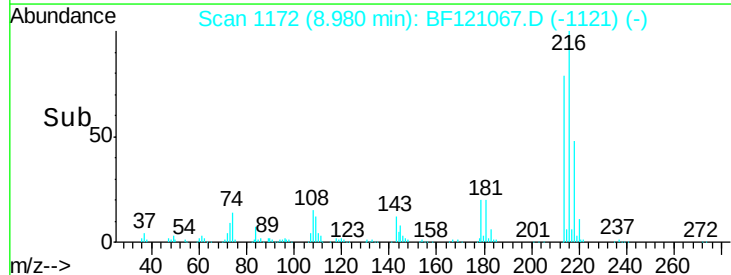
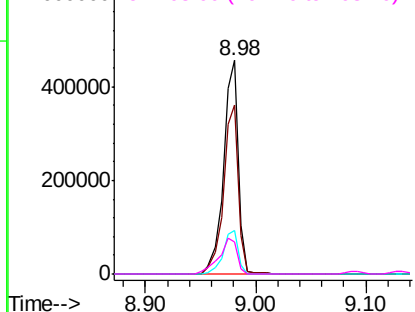


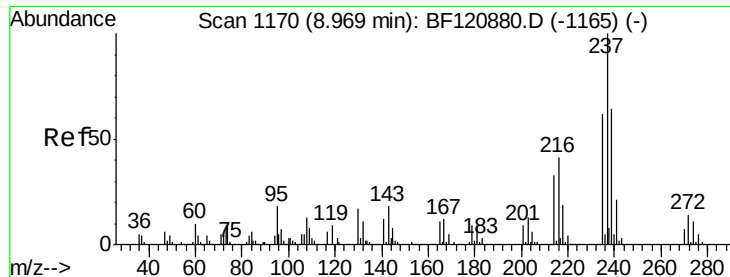
#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.990 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:216 Resp: 425804
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.8
179 20.6 16.6 24.8
108 20.4 15.4 23.0



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





#41

Hexachlorocyclopentadiene

Concen: 82.742 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

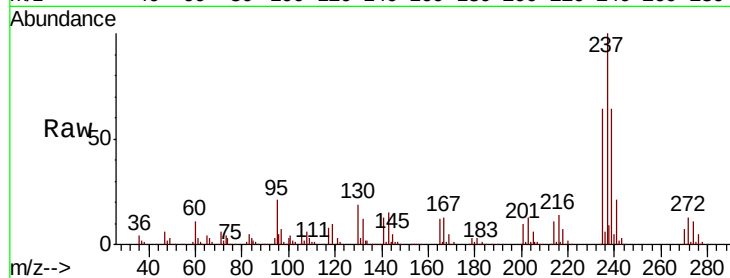
Tot Ion:237 Resp: 442646

Ion Ratio Lower Upper

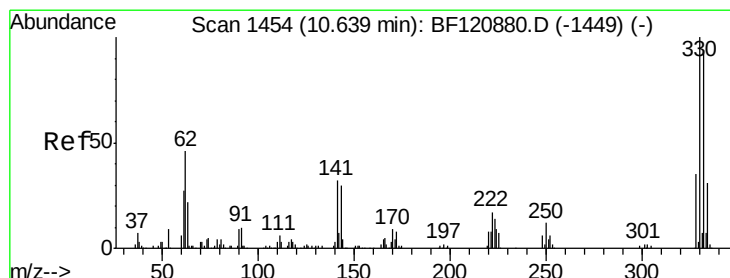
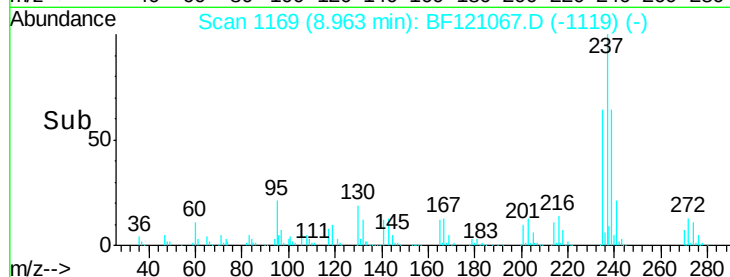
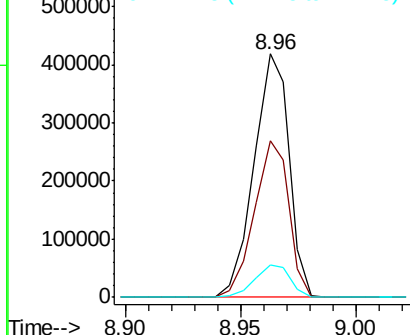
237 100

235 64.1 41.6 81.6

272 13.2 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: 140.658 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

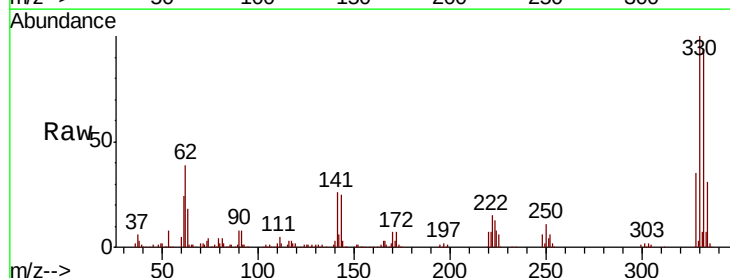
Tgt Ion:330 Resp: 511504

Ion Ratio Lower Upper

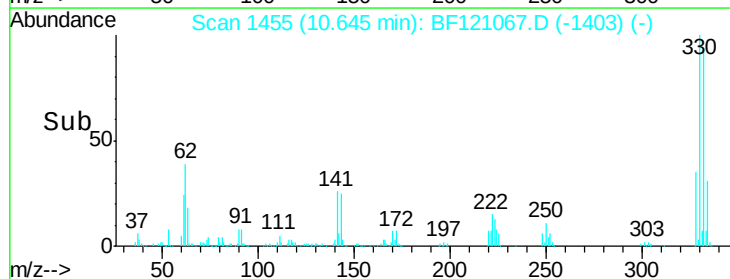
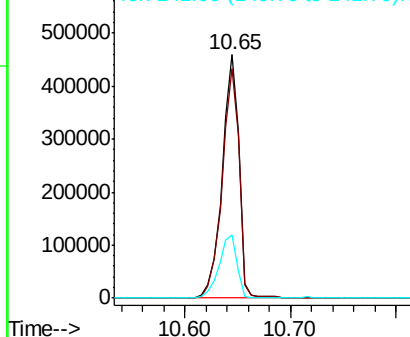
330 100

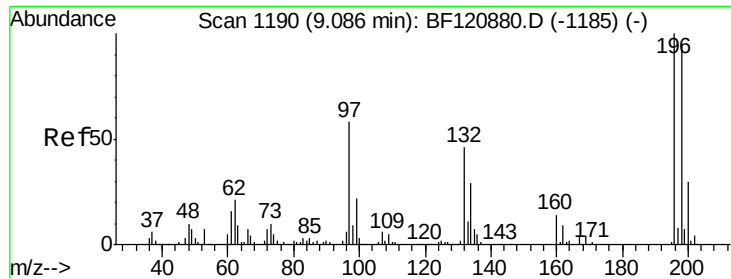
332 95.2 75.5 113.3

141 28.2 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

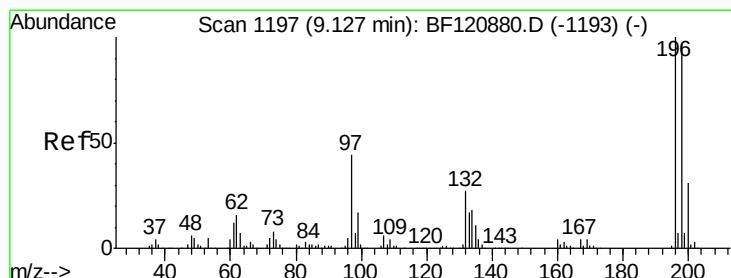
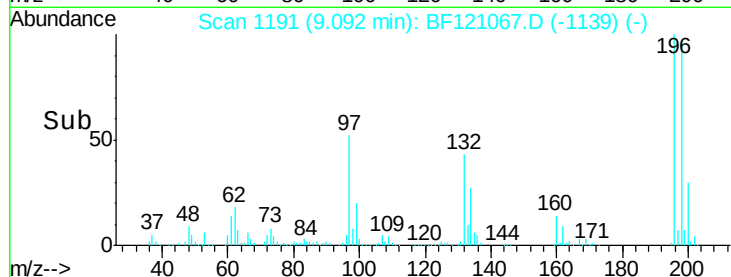
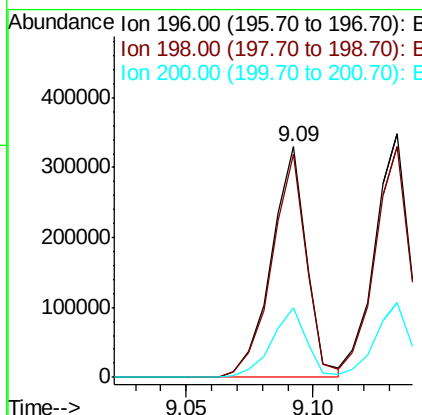
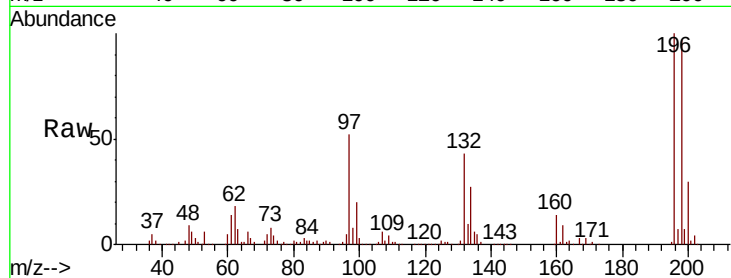




#43
 2,4,6-Trichlorophenol
 Concen: 46.285 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

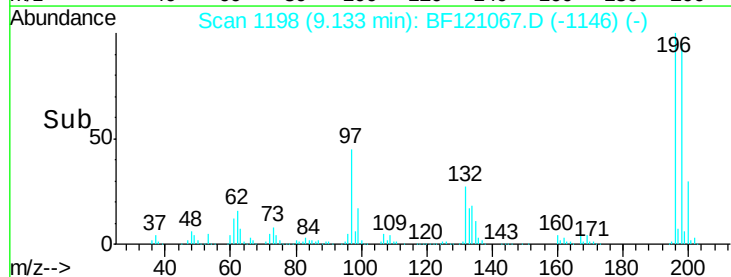
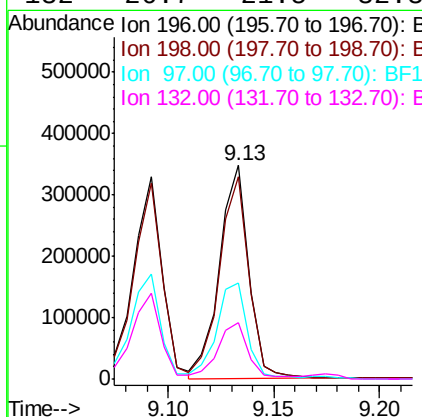
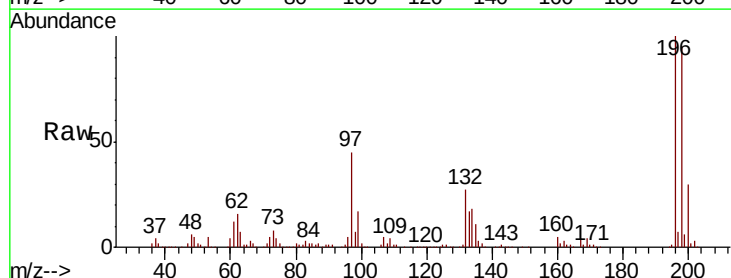
Instrument :
 BNA_F
 ClientSampled :
 SP-1MSD

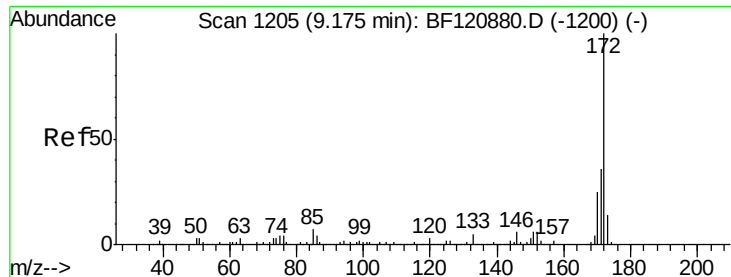
Tot Ion:196 Resp: 315445
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.7 113.5
 200 30.4 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.069 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

Tgt Ion:196 Resp: 332955
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.6 116.4
 97 44.9 35.6 53.4
 132 26.7 21.5 32.3

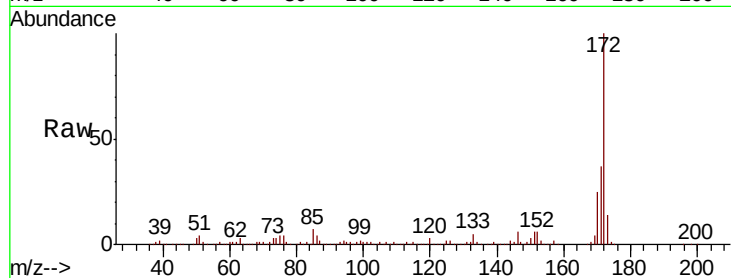




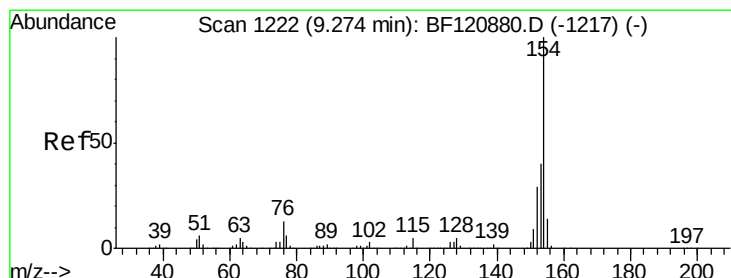
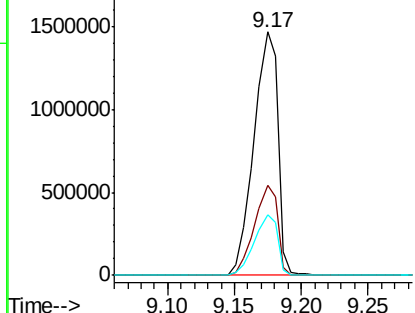
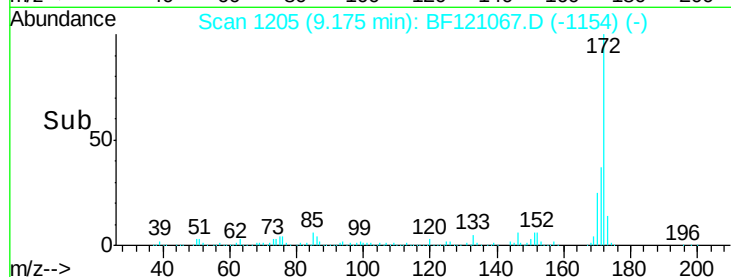
#45
 2-Fluorobiphenyl
 Concen: 81.147 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

Tot Ion:172 Resp: 1805644
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.4
 170 25.1 19.6 29.4

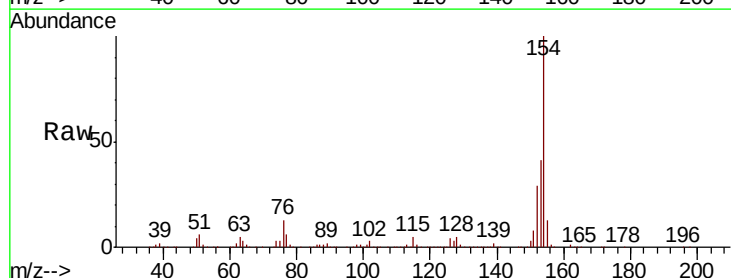


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

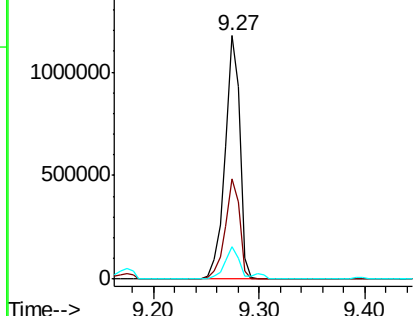
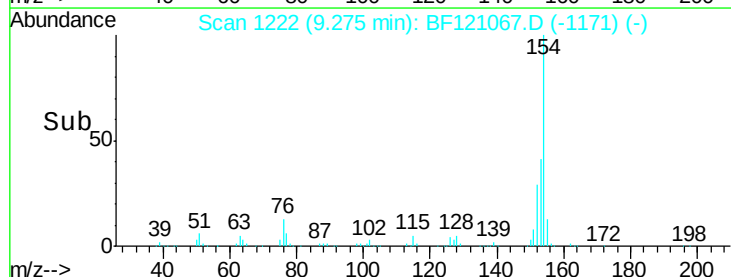


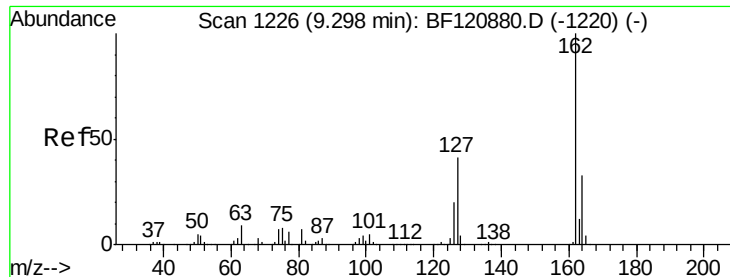
#46
 1,1'-Biphenyl
 Concen: 45.257 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

Tgt Ion:154 Resp: 1146914
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.4 60.4
 76 13.1 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
 1500000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

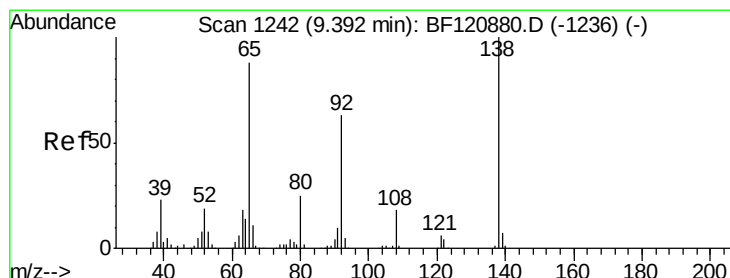
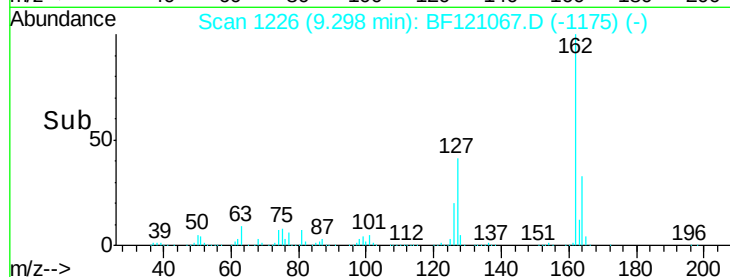
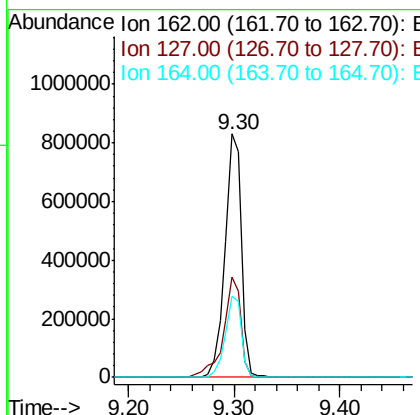
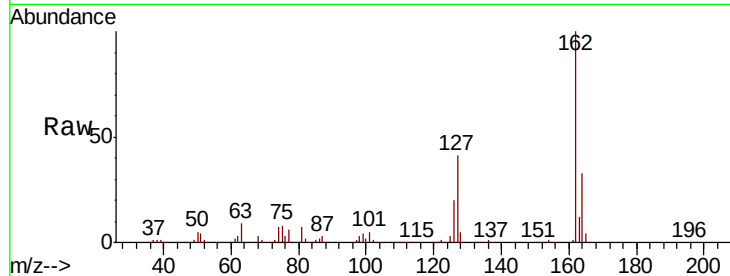




#47
 2-Chloronaphthalene
 Concen: 43.141 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

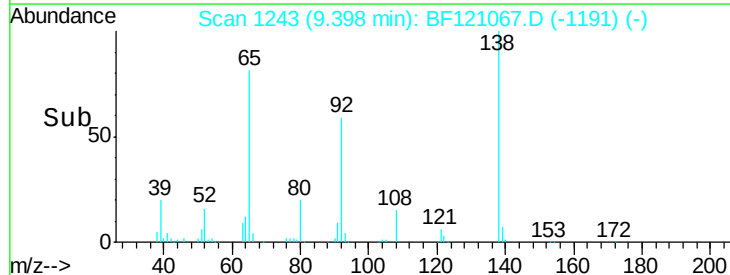
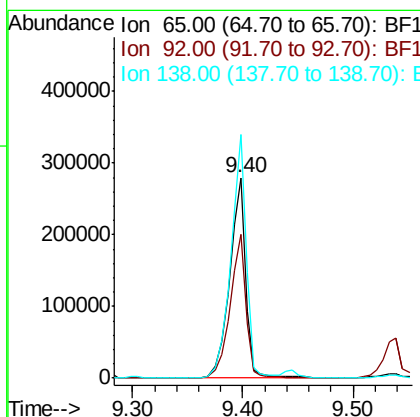
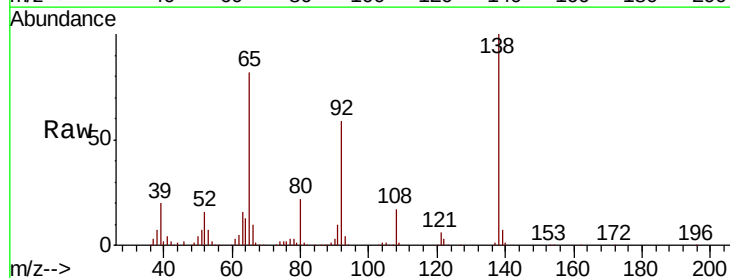
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

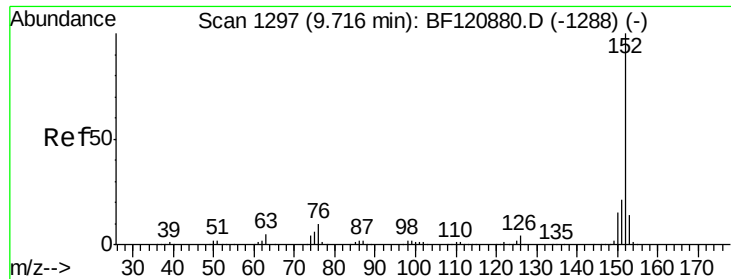
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.3	49.9
164	33.3	26.6	39.8



#48
 2-Nitroaniline
 Concen: 45.871 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.0	85.4
138	121.5	90.4	135.6





#49

Acenaphthylene

Concen: 44.377 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

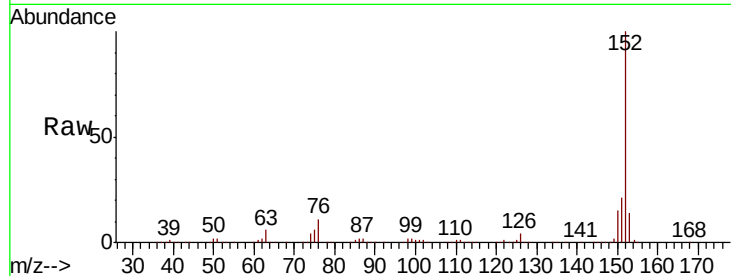
Tot Ion:152 Resp: 1424418

Ion Ratio Lower Upper

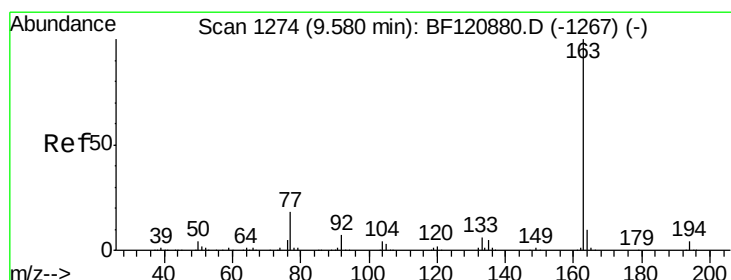
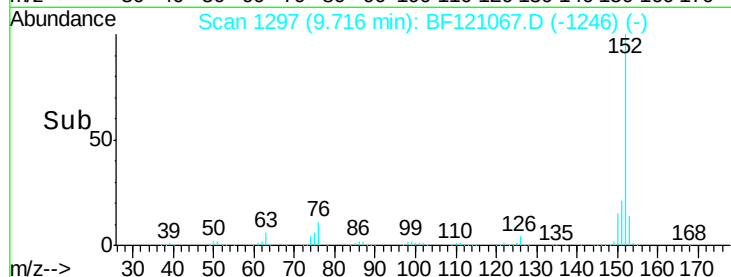
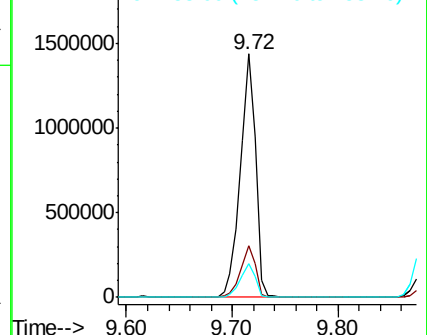
152 100

151 21.2 16.6 25.0

153 13.6 10.9 16.3



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



#50

Dimethylphthalate

Concen: 55.529 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

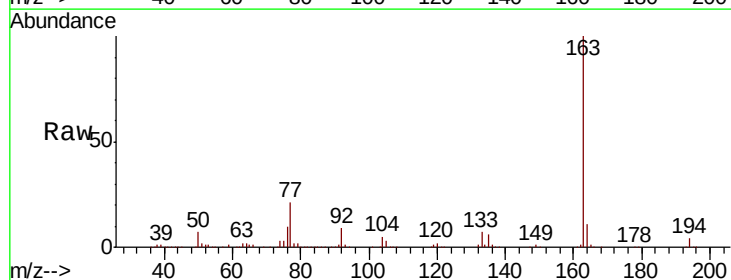
Tgt Ion:163 Resp: 1330911

Ion Ratio Lower Upper

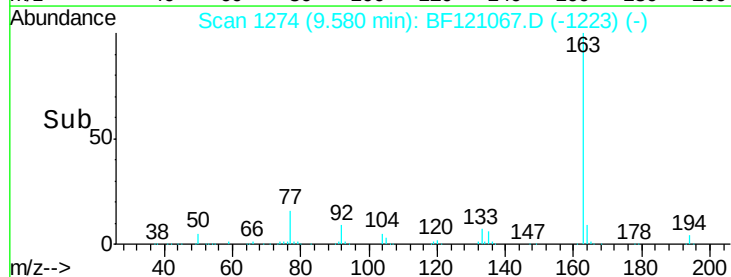
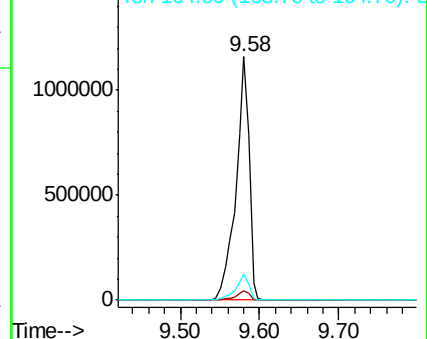
163 100

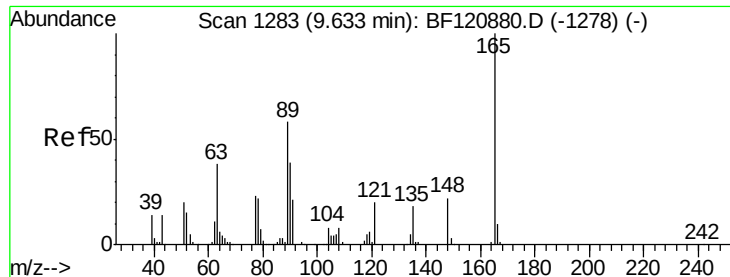
194 4.0 3.2 4.8

164 10.6 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

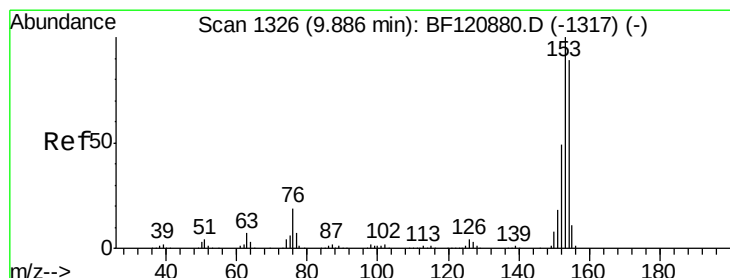
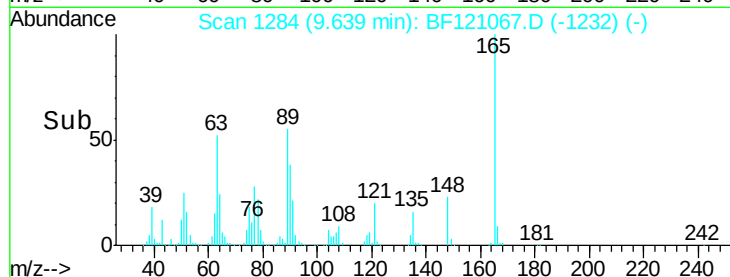
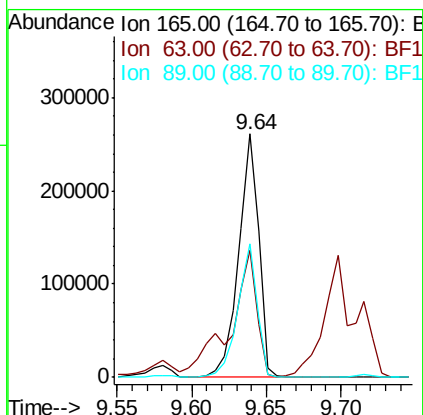
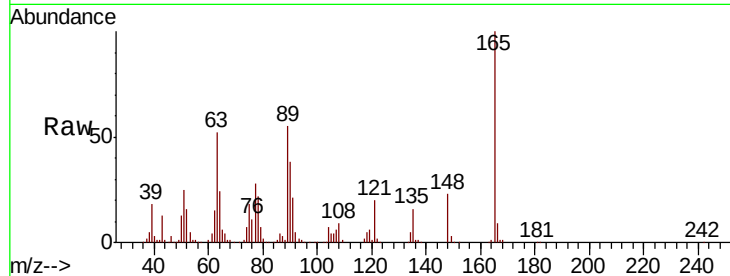




#51
2,6-Dinitrotoluene
Concen: 47.765 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

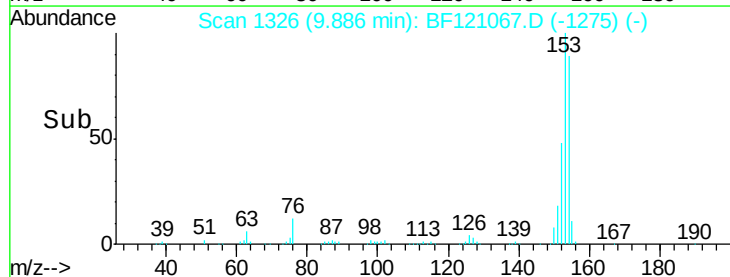
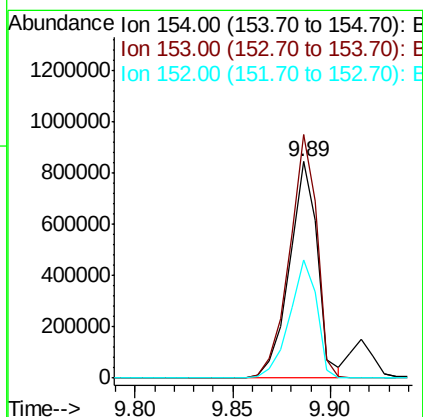
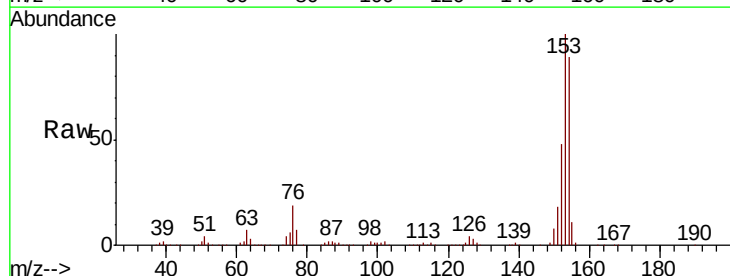
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

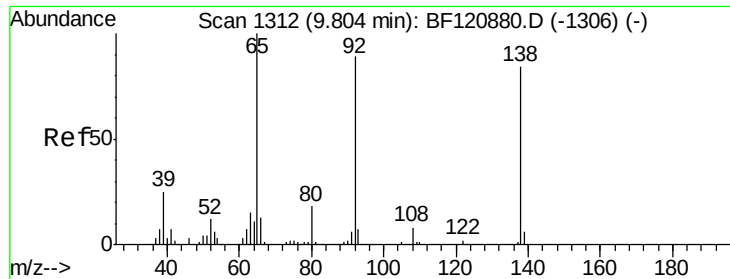
Tot Ion:165 Resp: 245953
Ion Ratio Lower Upper
165 100
63 52.5 45.4 68.2
89 54.9 47.0 70.4



#52
Acenaphthene
Concen: 41.062 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:154 Resp: 837949
Ion Ratio Lower Upper
154 100
153 112.4 89.5 134.3
152 54.4 44.2 66.2

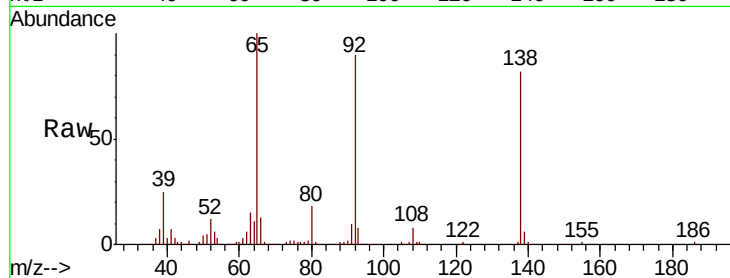




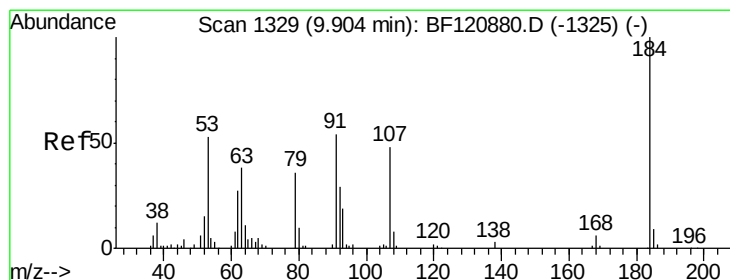
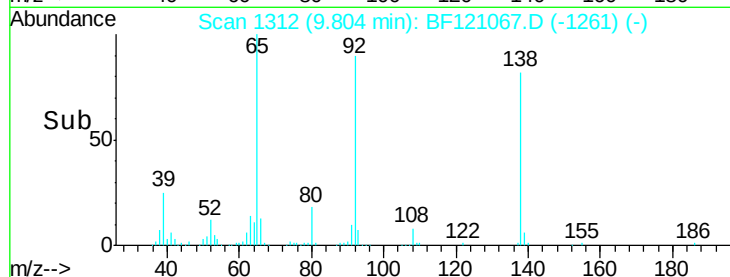
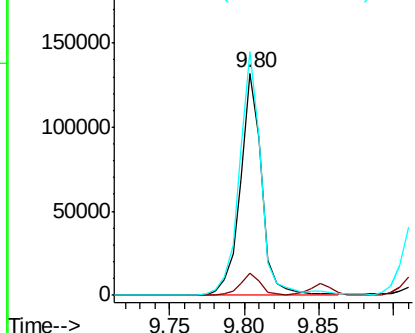
#53
3-Nitroaniline
Concen: 20.307 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:138 Resp: 131144
Ion Ratio Lower Upper
138 100
108 10.1 7.9 11.9
92 109.5 85.3 127.9

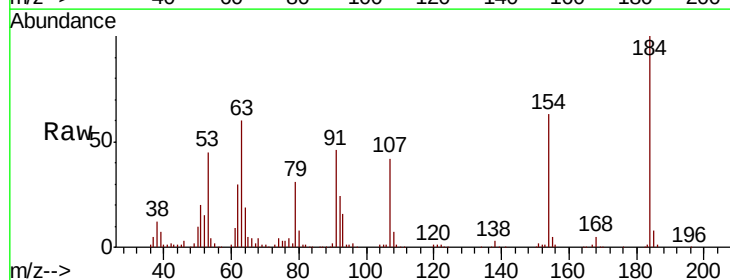


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

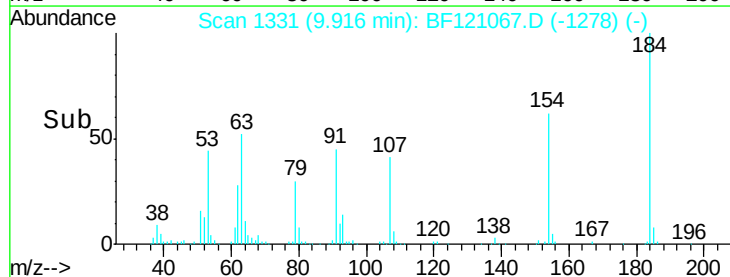
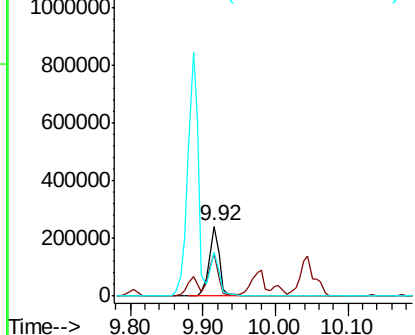


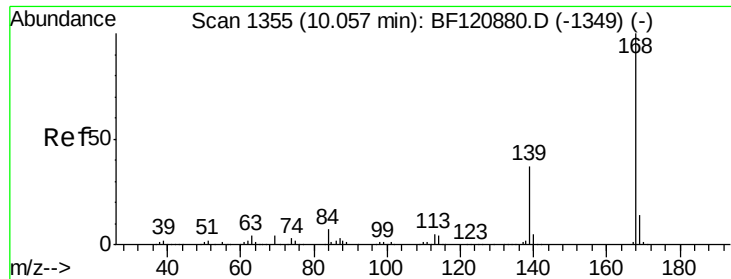
#54
2,4-Dinitrophenol
Concen: 81.834 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:184 Resp: 243059
Ion Ratio Lower Upper
184 100
63 60.4 57.9 86.9
154 62.6 52.6 78.8



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

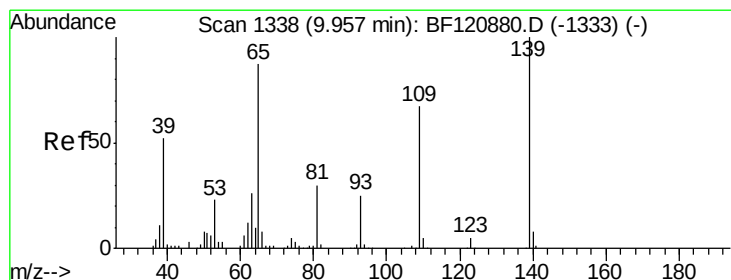
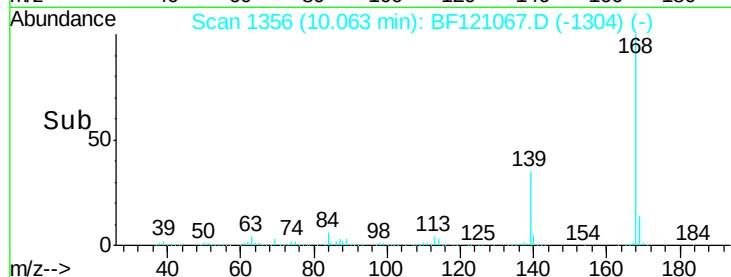
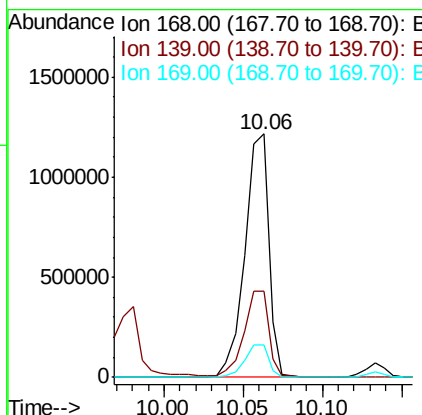
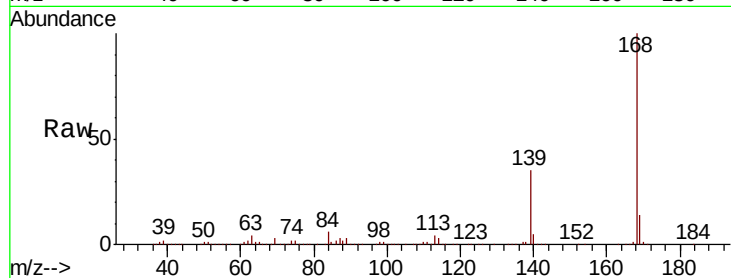




#55
Dibenzofuran
Concen: 43.263 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

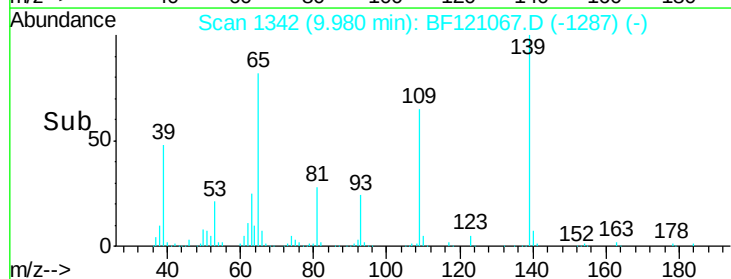
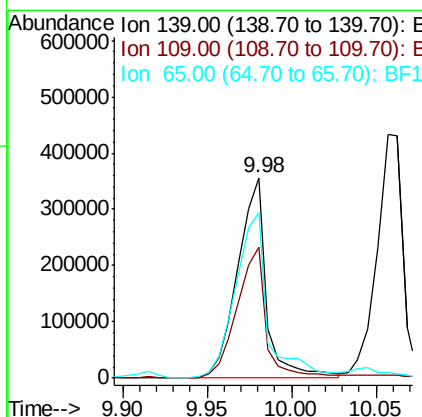
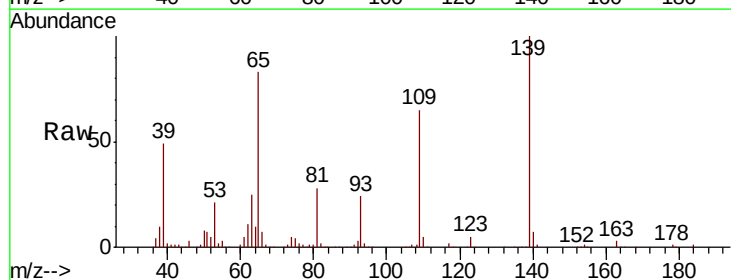
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

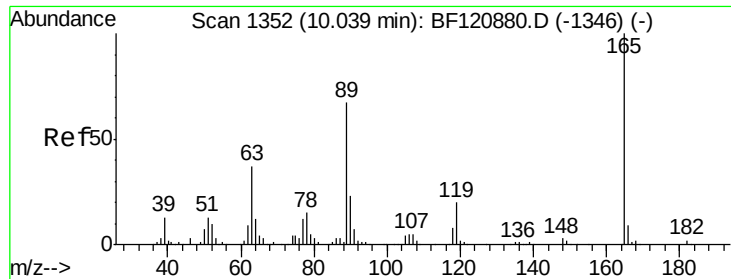
Tot Ion:168 Resp: 1276722
Ion Ratio Lower Upper
168 100
139 35.4 29.7 44.5
169 13.5 11.1 16.7



#56
4-Nitrophenol
Concen: 86.865 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:139 Resp: 426137
Ion Ratio Lower Upper
139 100
109 65.4 47.3 87.3
65 82.5 67.2 107.2

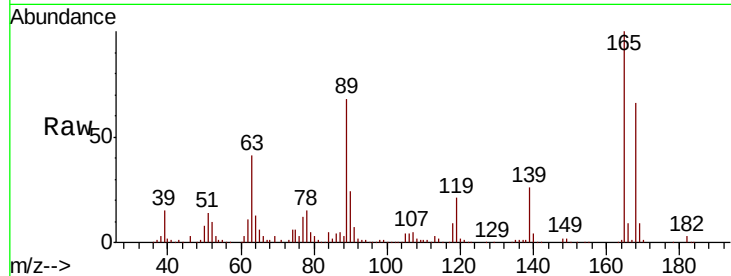




#57
2,4-Dinitrotoluene
Concen: 48.718 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	29.4	44.2
89	67.9	53.4	80.0
182	2.6	1.8	2.6



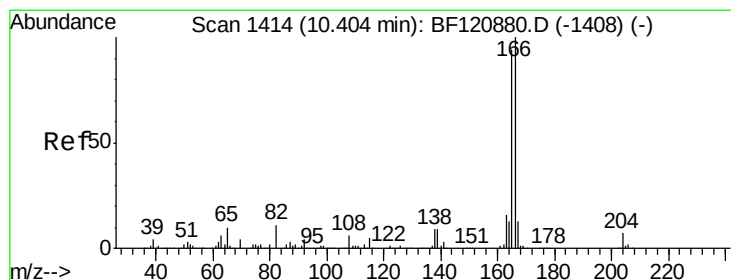
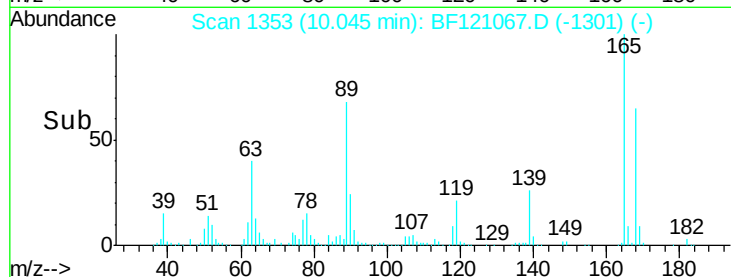
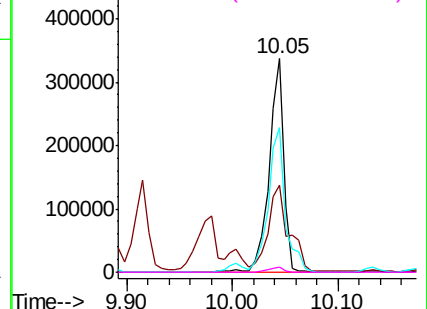
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

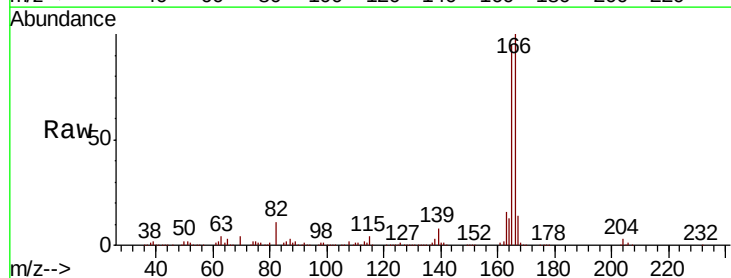
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.185 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.4	113.0
167	13.6	10.6	15.8

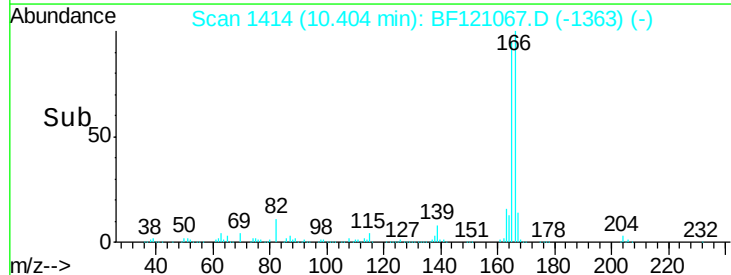
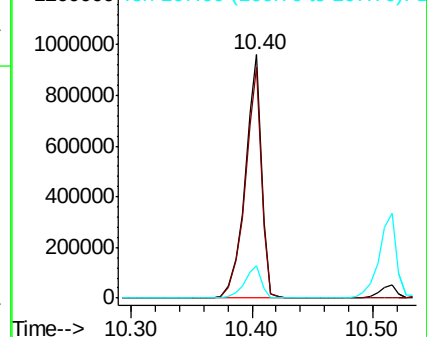


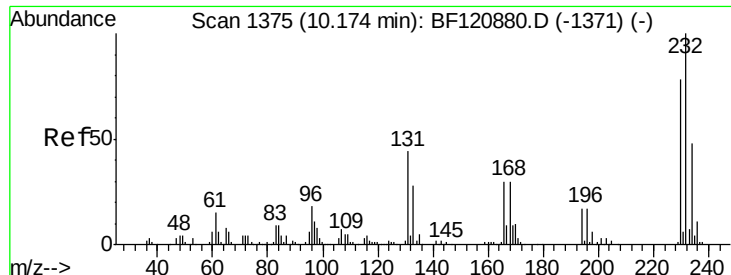
Abundance

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

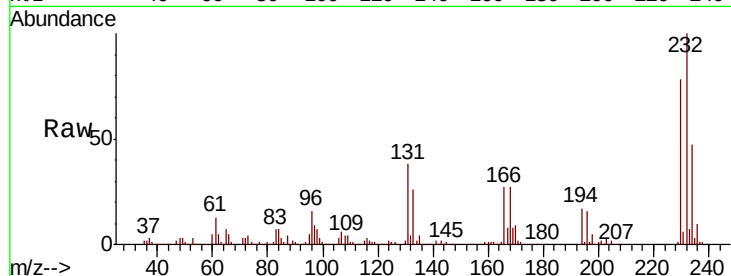




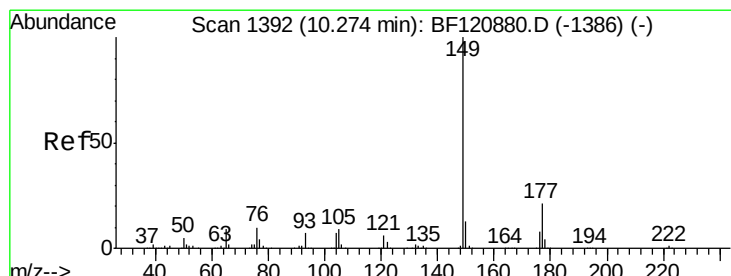
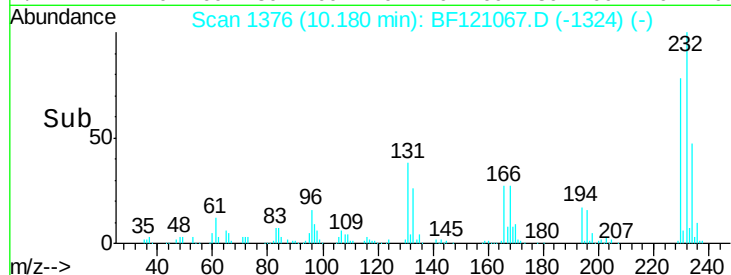
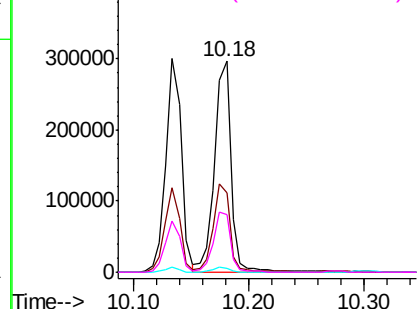
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.182 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	37.1	55.7
130	2.3	1.7	2.5
166	29.1	24.2	36.4

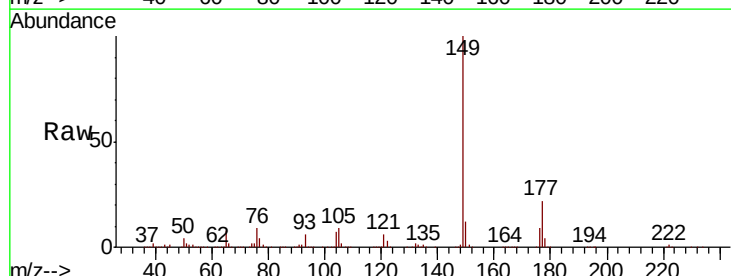


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

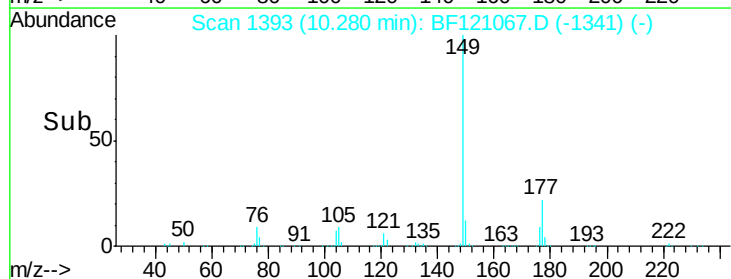
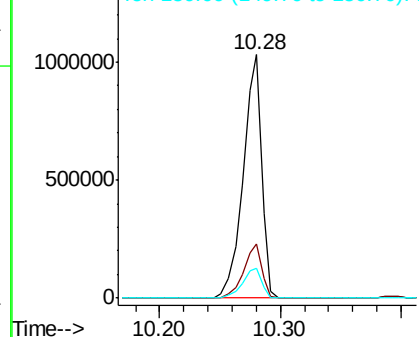


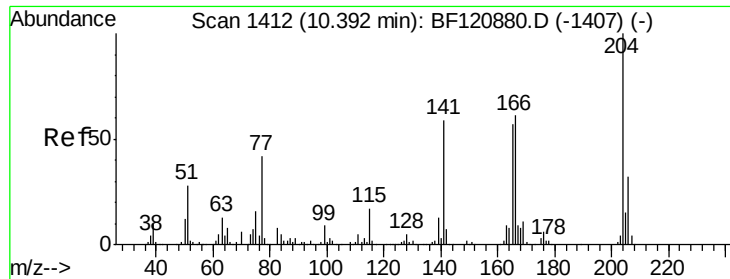
#60
Diethylphthalate
Concen: 45.161 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.1	25.7
150	12.3	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

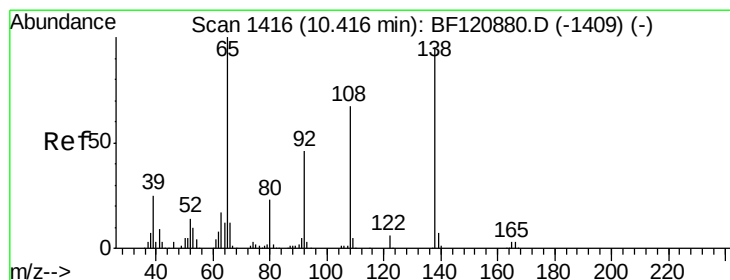
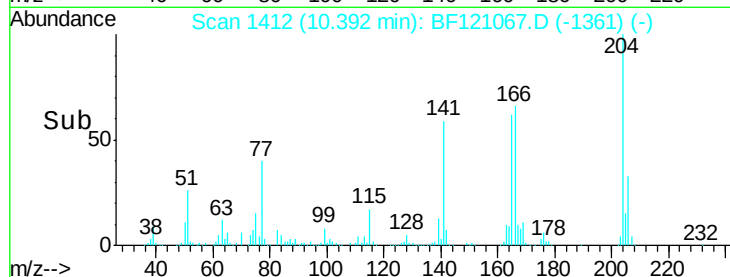
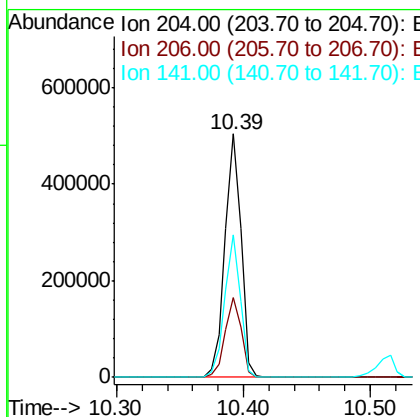
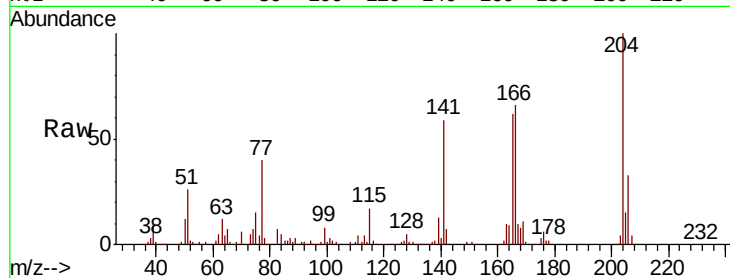




#61
4-Chlorophenyl-phenylether
Concen: 37.990 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

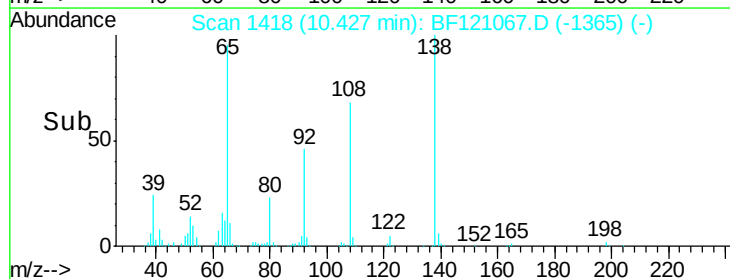
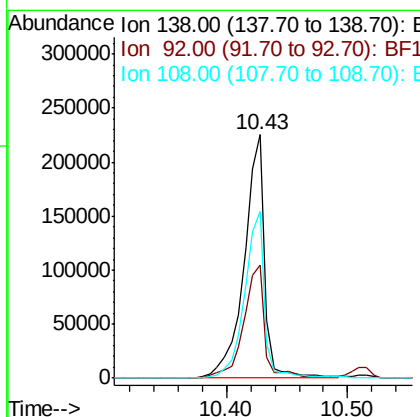
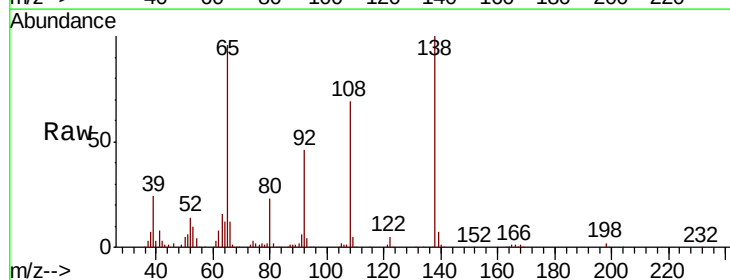
Instrument :
BNA_F
ClientSampled :
SP-1MSD

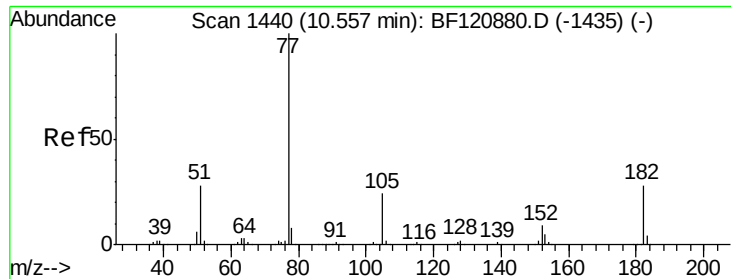
Tot Ion:204 Resp: 445981
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 58.5 47.2 70.8



#62
4-Nitroaniline
Concen: 42.511 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:138 Resp: 267431
Ion Ratio Lower Upper
138 100
92 46.4 28.6 68.6
108 68.7 51.1 91.1

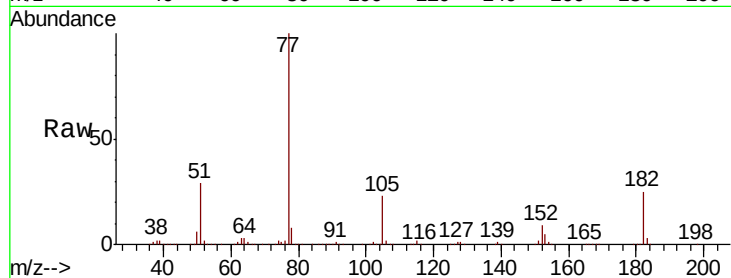




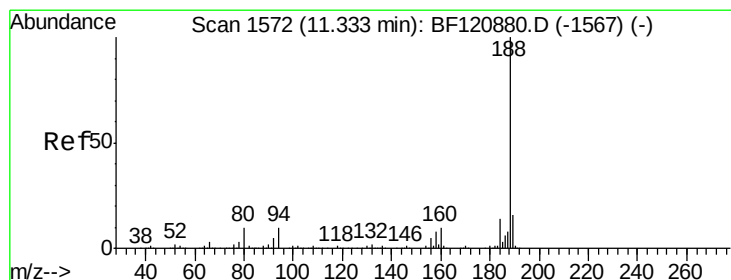
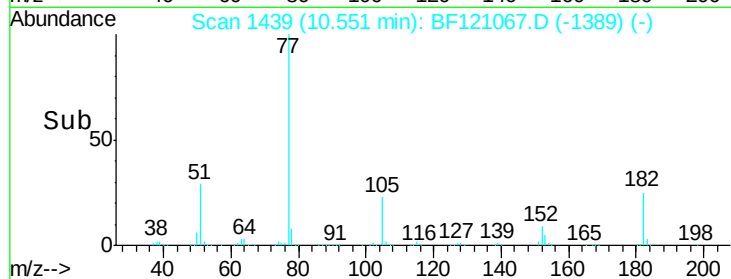
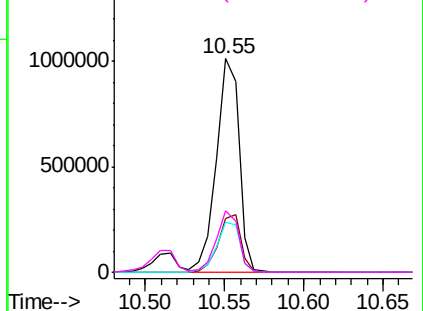
#63
Azobenzene
Concen: 43.455 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion: 77 Resp: 1002931
Ion Ratio Lower Upper
77 100
182 25.0 7.8 47.8
105 23.4 4.4 44.4
51 28.8 8.0 48.0

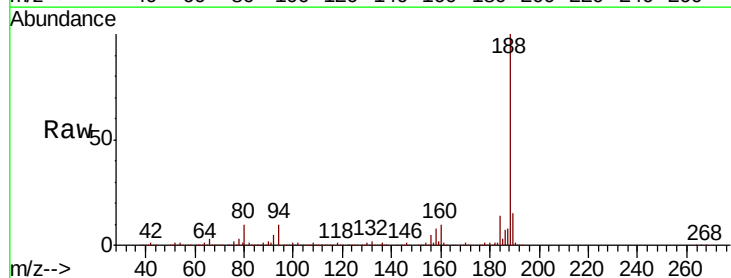


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

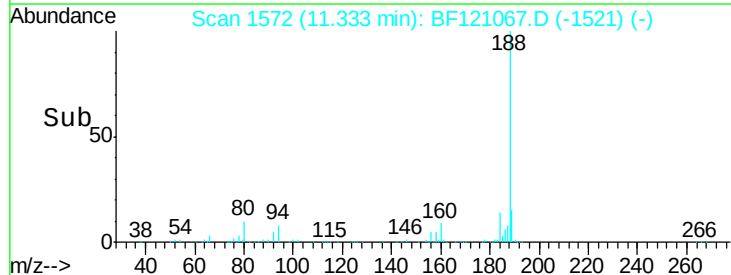
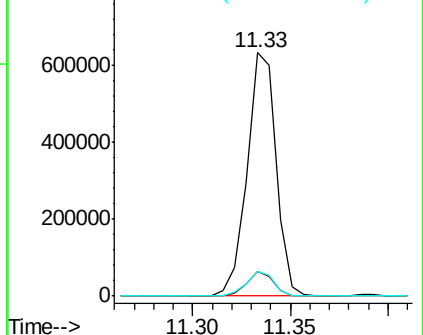


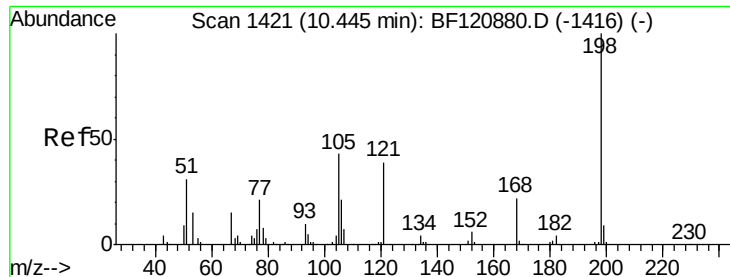
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion: 188 Resp: 649724
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 10.3 8.3 12.5



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

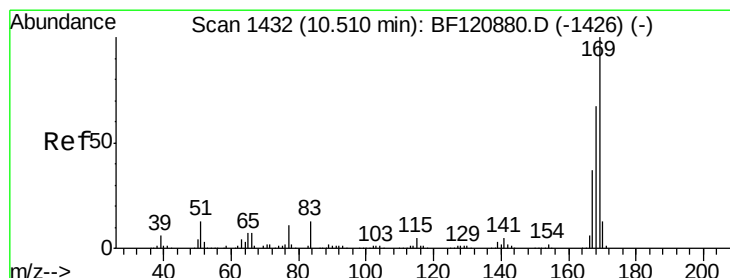
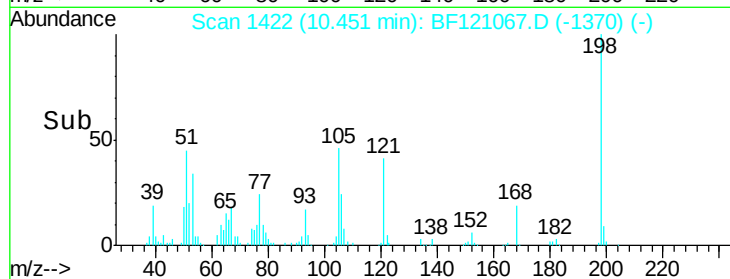
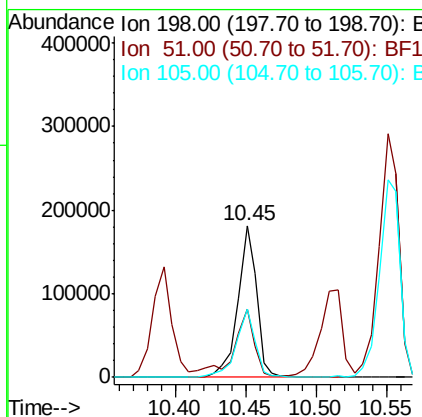
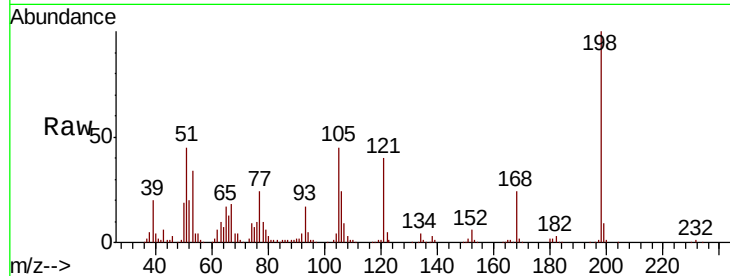




#65
4,6-Dinitro-2-methylphenol
Concen: 45.362 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

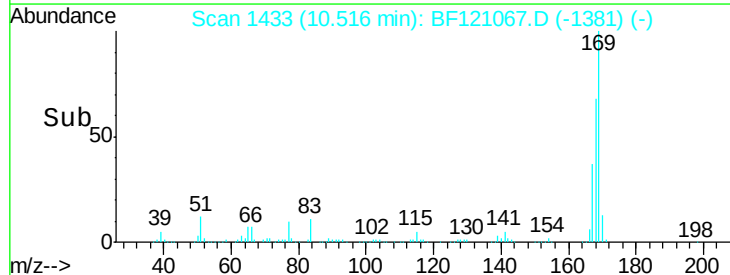
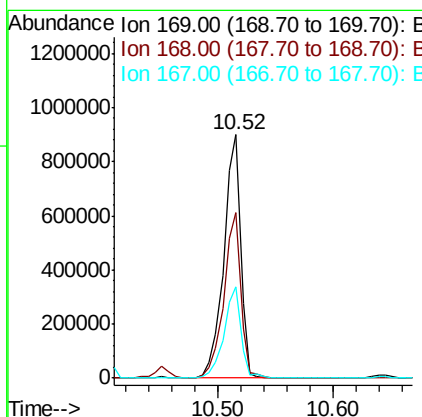
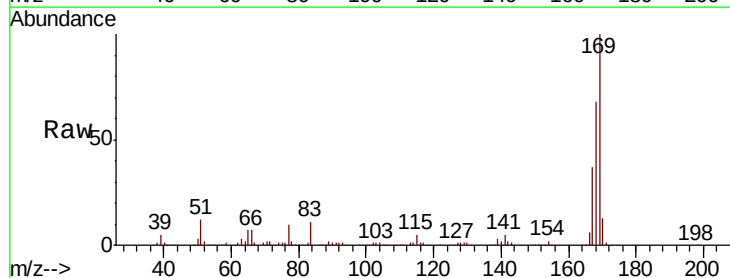
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

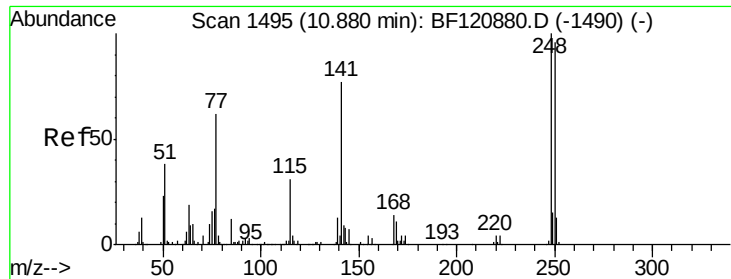
Tot Ion:198 Resp: 169712
Ion Ratio Lower Upper
198 100
51 44.6 19.5 59.5
105 45.4 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 44.703 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:169 Resp: 913685
Ion Ratio Lower Upper
169 100
168 67.8 53.4 80.0
167 37.4 29.4 44.0

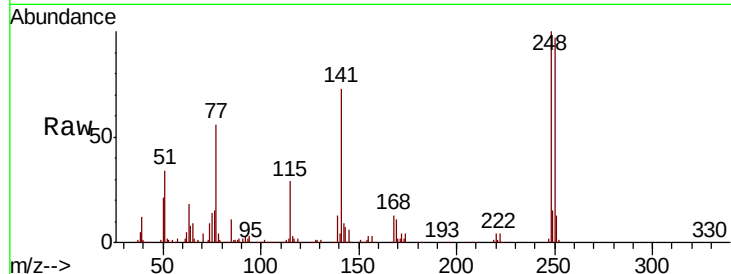




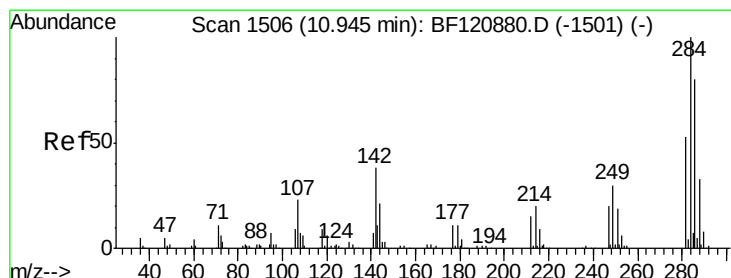
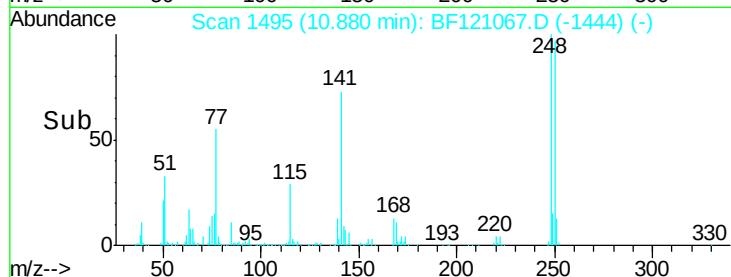
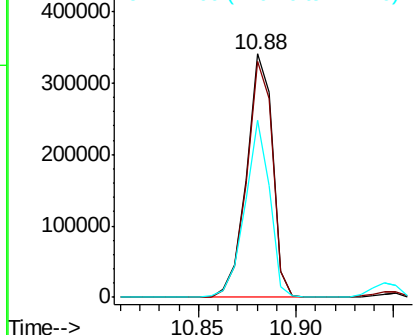
#67
4-Bromophenyl-phenylether
Concen: 43.360 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:248 Resp: 314093
Ion Ratio Lower Upper
248 100
250 96.8 77.1 115.7
141 72.7 61.2 91.8

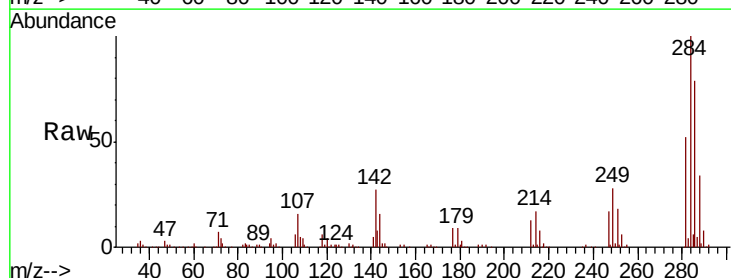


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

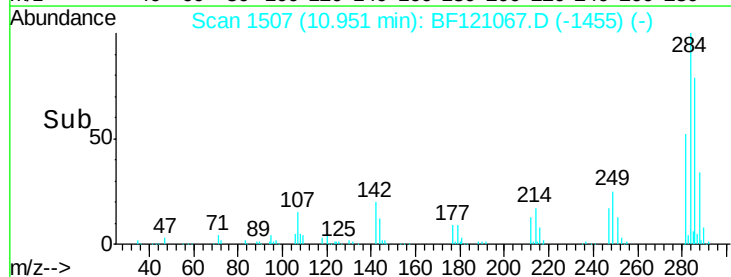
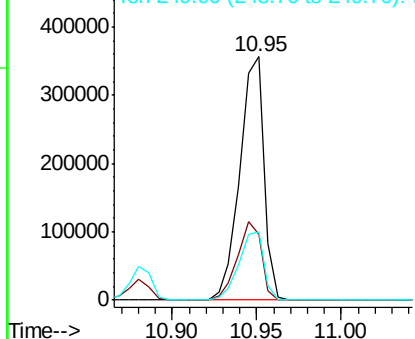


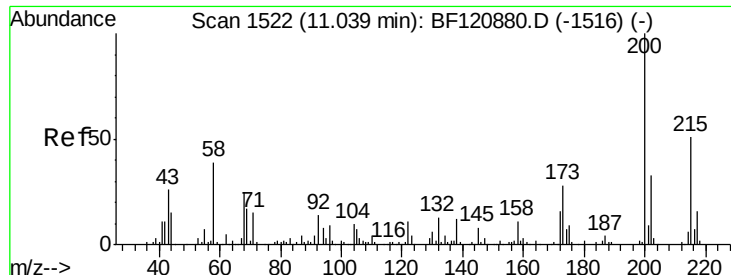
#68
Hexachlorobenzene
Concen: 45.572 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:284 Resp: 357104
Ion Ratio Lower Upper
284 100
142 26.9 30.2 45.2#
249 27.9 24.2 36.2



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





#69

Atrazine

Concen: 51.747 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

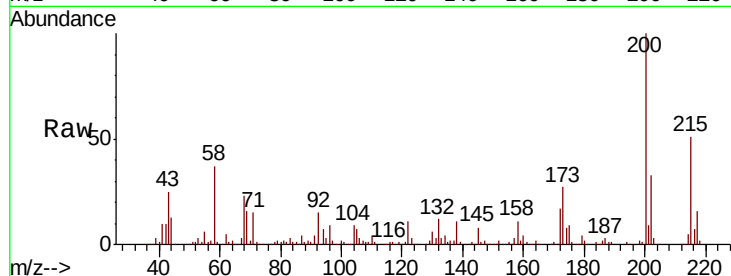
Tot Ion:200 Resp: 261939

Ion Ratio Lower Upper

200 100

173 27.5 8.0 48.0

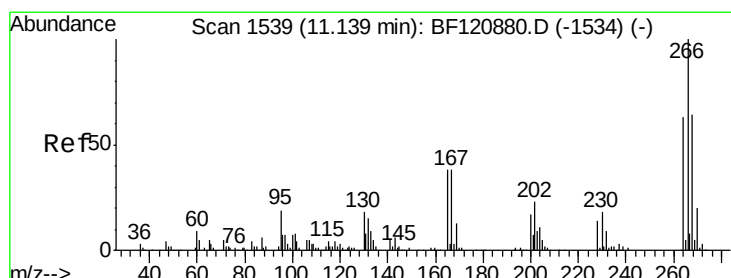
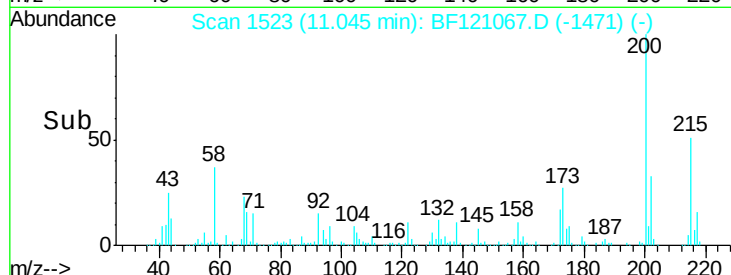
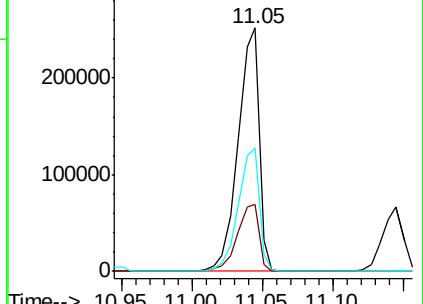
215 50.7 31.5 71.5



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: 94.173 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

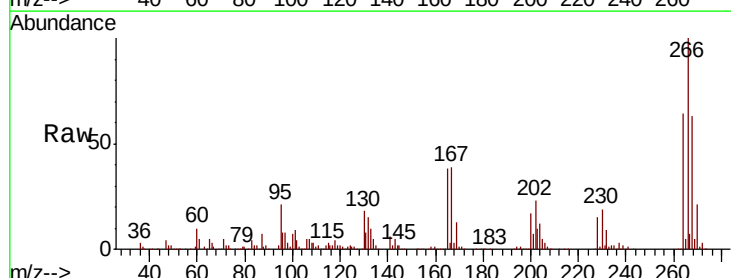
Tgt Ion:266 Resp: 422756

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

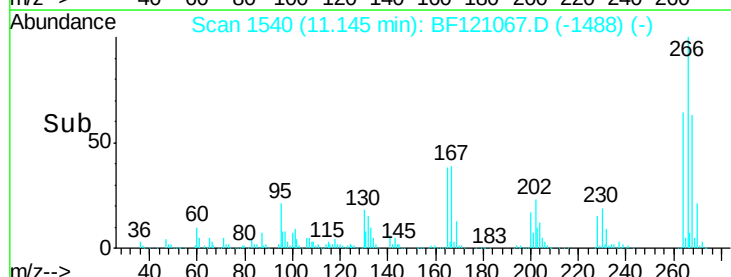
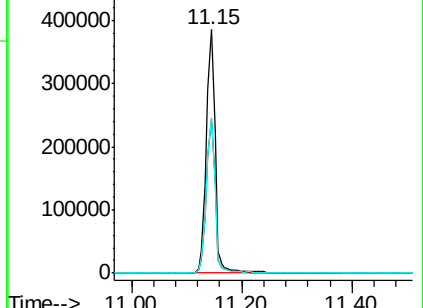
264 63.7 50.2 75.2

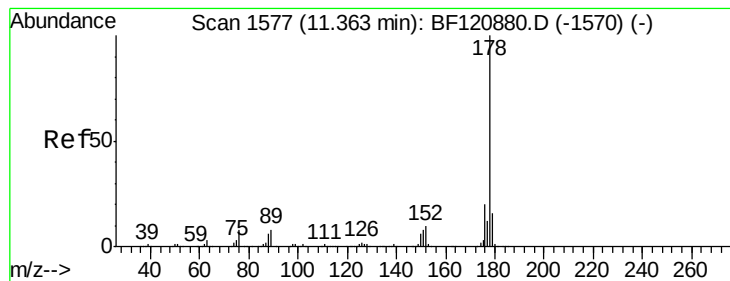


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.844 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

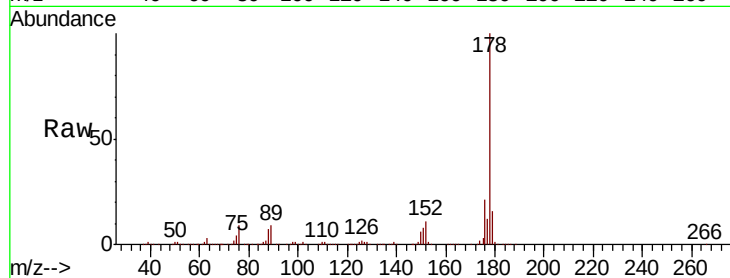
Tot Ion:178 Resp: 1431650

Ion Ratio Lower Upper

178 100

176 20.9 16.2 24.4

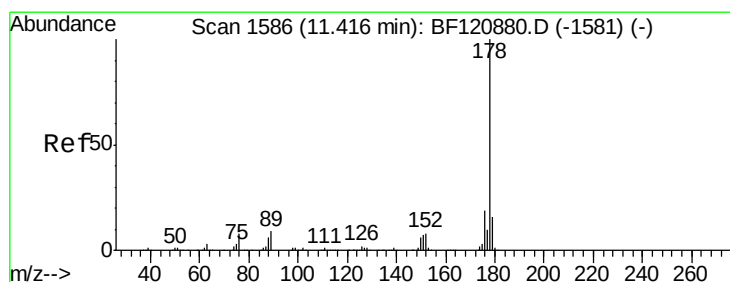
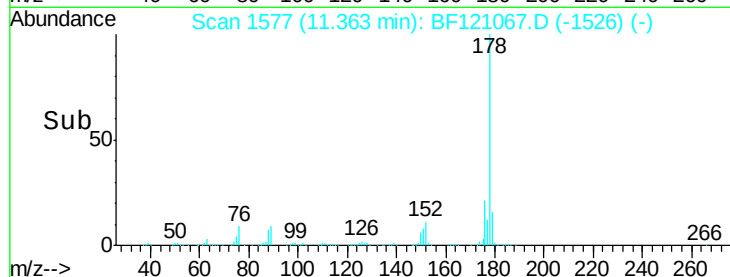
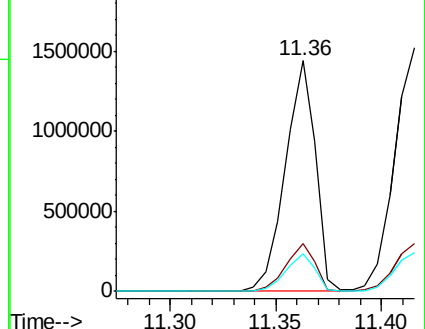
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.665 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

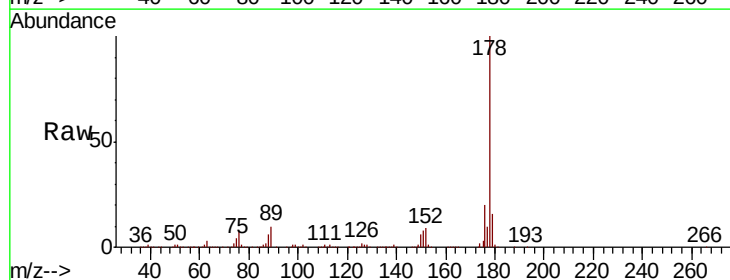
Tgt Ion:178 Resp: 1498681

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

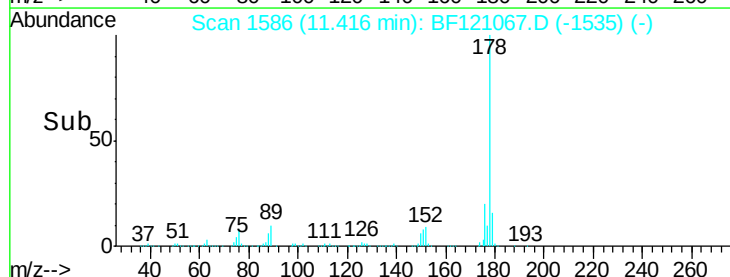
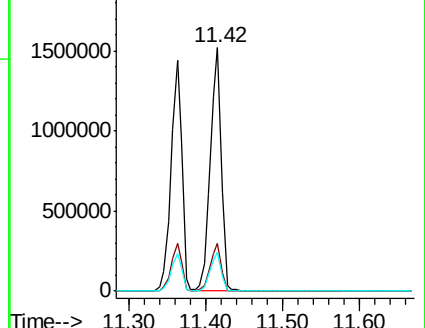
179 15.7 12.8 19.2

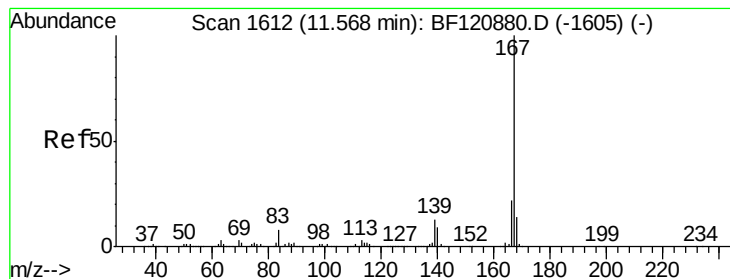


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.116 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

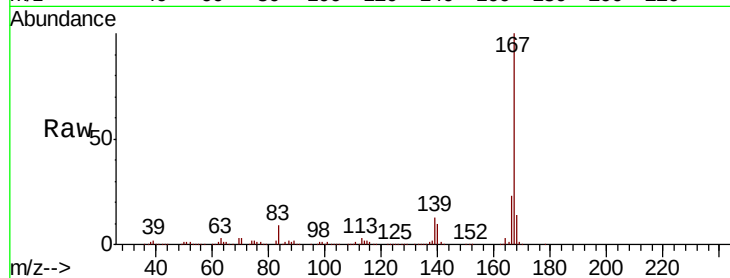
Tot Ion:167 Resp: 1435721

Ion Ratio Lower Upper

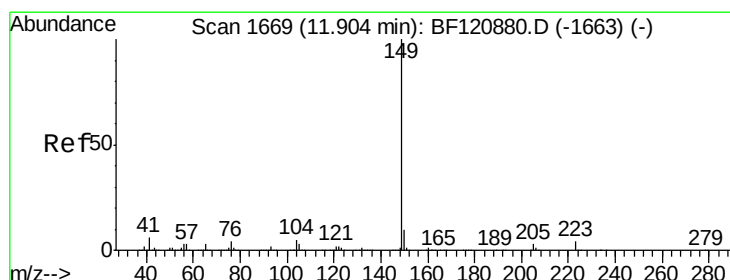
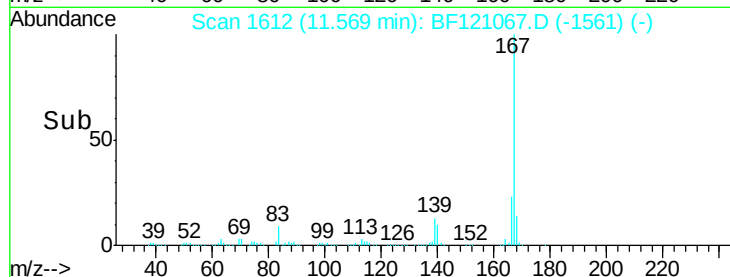
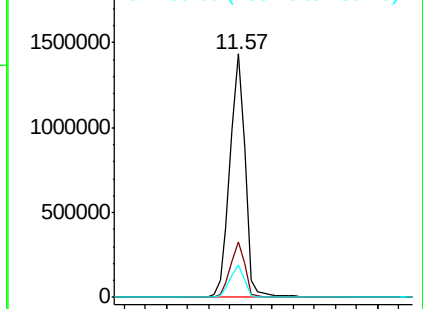
167 100

166 22.6 17.7 26.5

139 13.1 10.1 15.1



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



#74

Di-n-butylphthalate

Concen: 45.181 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

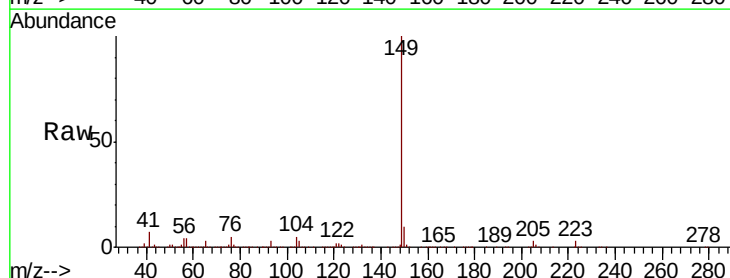
Tgt Ion:149 Resp: 1736198

Ion Ratio Lower Upper

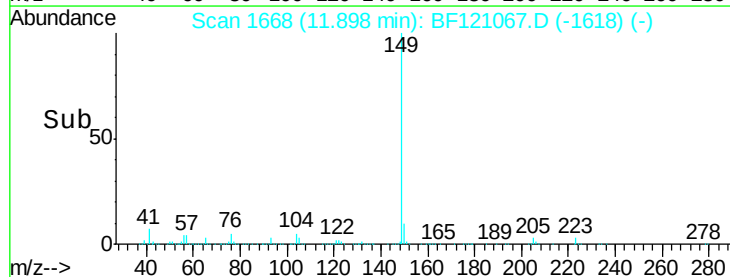
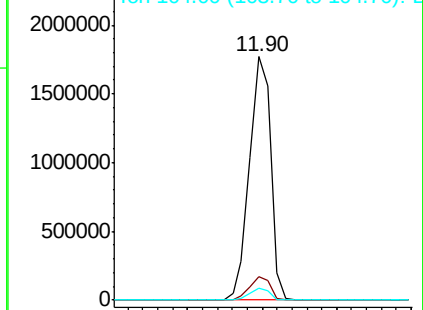
149 100

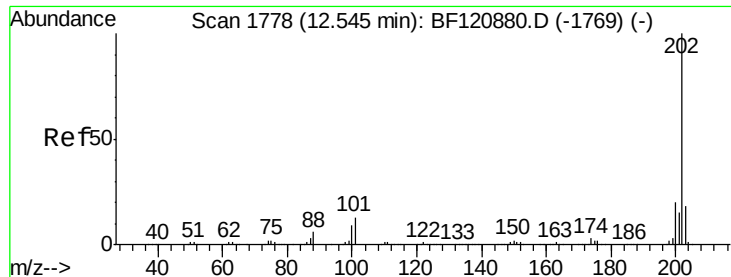
150 9.9 7.8 11.6

104 5.0 3.8 5.6



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





#75

Fluoranthene

Concen: 43.636 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

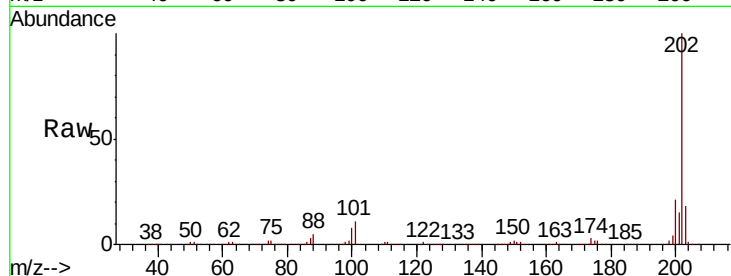
Tot Ion:202 Resp: 1616205

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.7

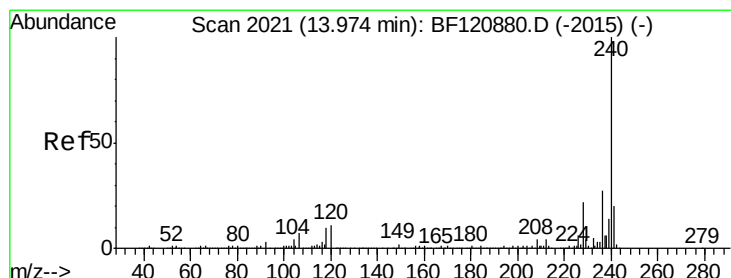
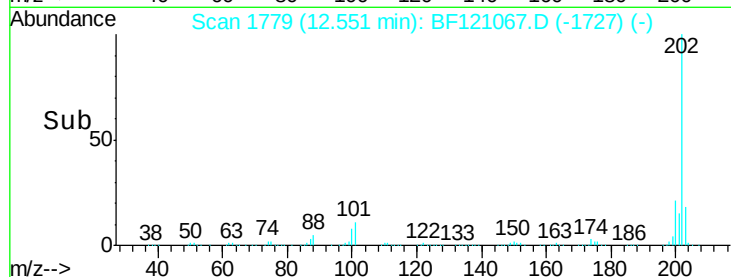
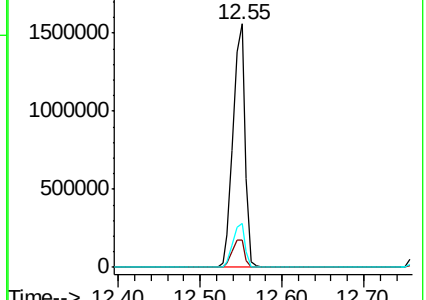
203 18.3 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

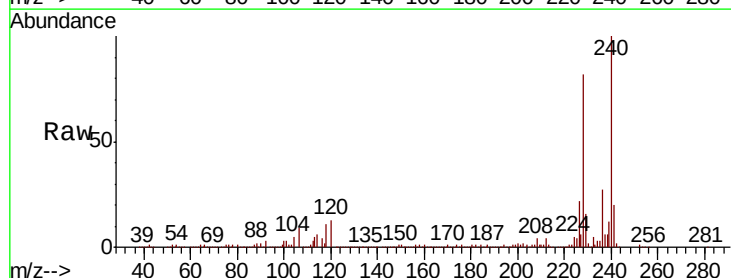
Tgt Ion:240 Resp: 507950

Ion Ratio Lower Upper

240 100

120 13.0 9.0 13.4

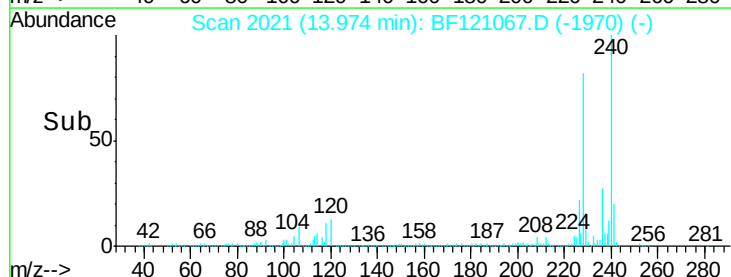
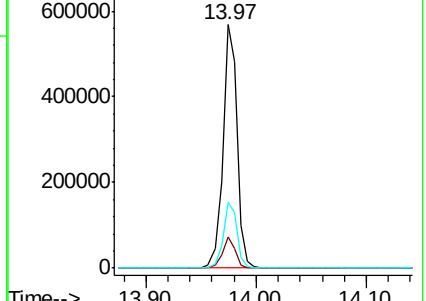
236 27.0 21.7 32.5

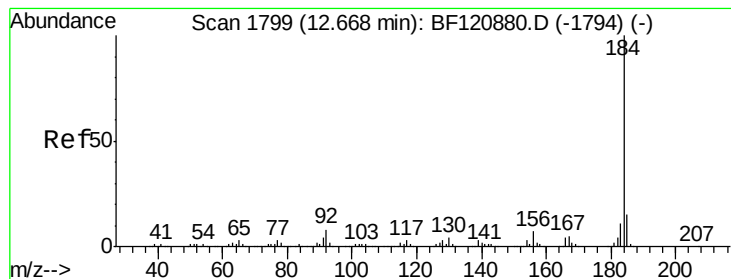


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.645 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampled :

SP-1MSD

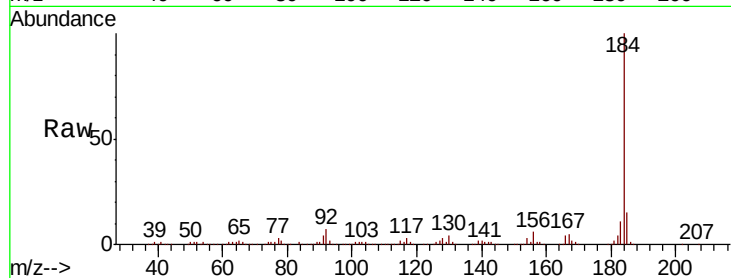
Tot Ion:184 Resp: 796558

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

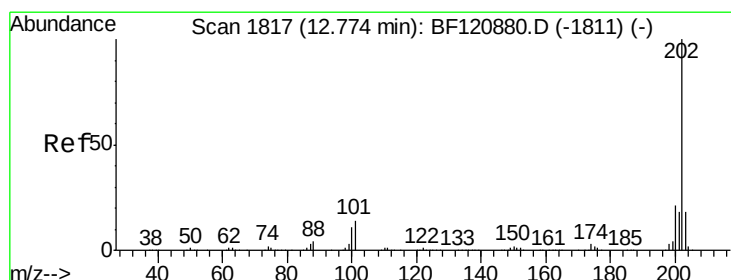
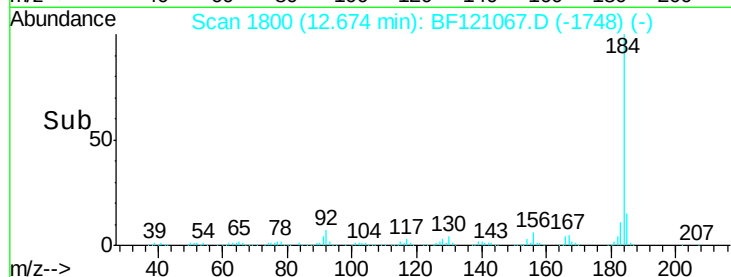
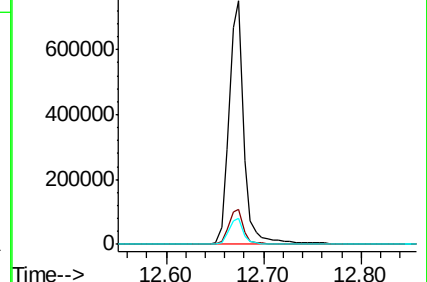
183 10.6 8.5 12.7



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: 46.163 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

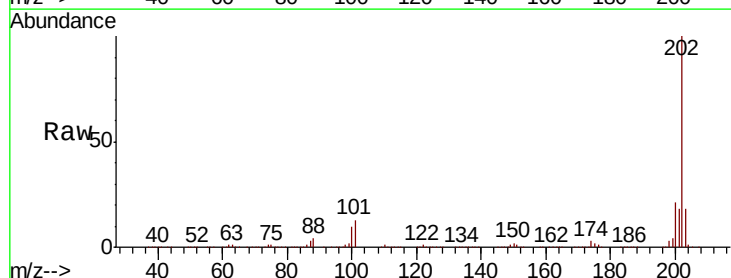
Tgt Ion:202 Resp: 1657803

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

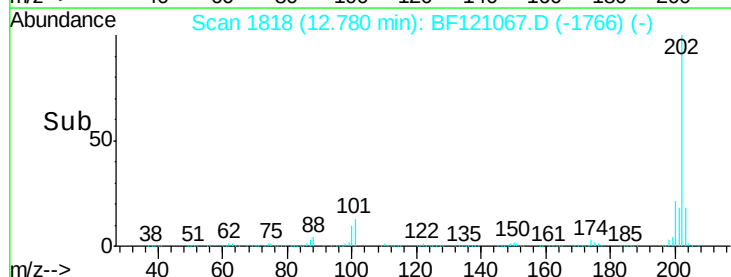
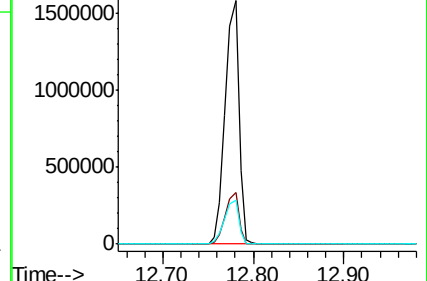
203 17.9 14.4 21.6

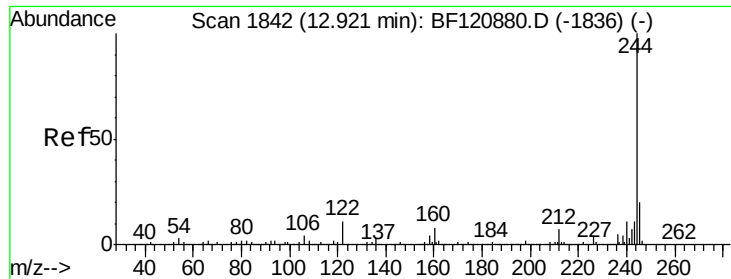


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.500 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

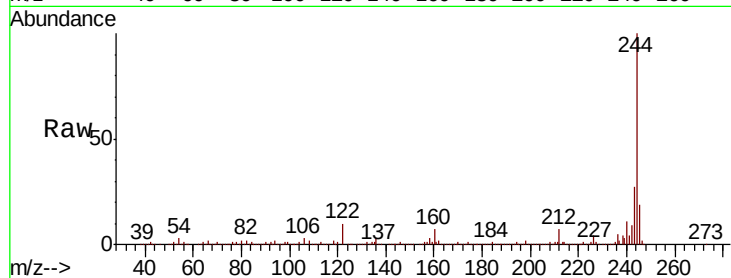
Tot Ion:244 Resp: 1904418

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

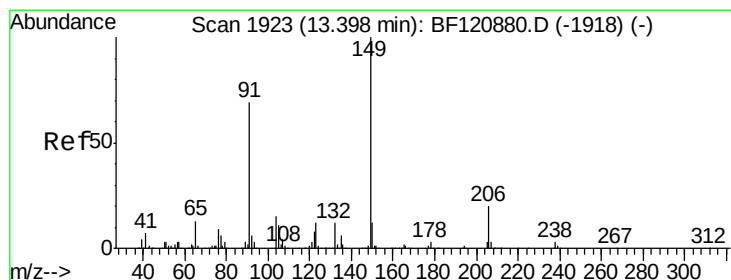
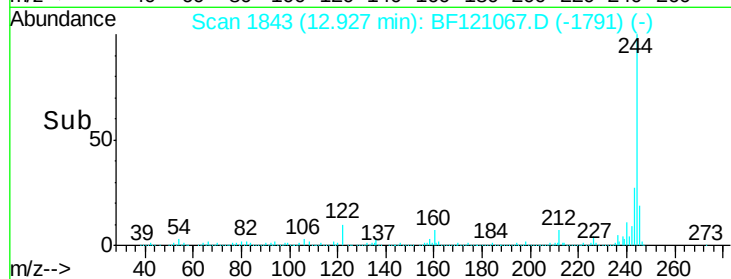
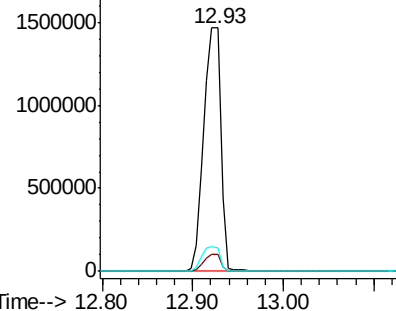
122 9.8 8.9 13.3



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: 49.485 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

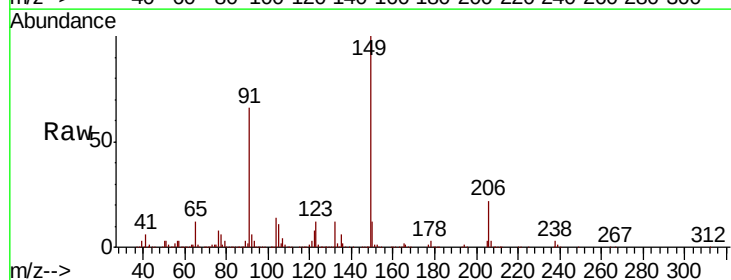
Tgt Ion:149 Resp: 792218

Ion Ratio Lower Upper

149 100

91 66.4 55.1 82.7

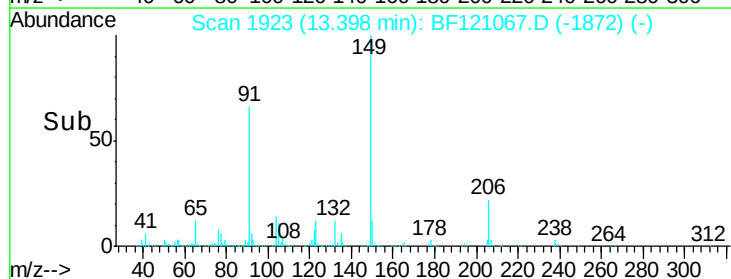
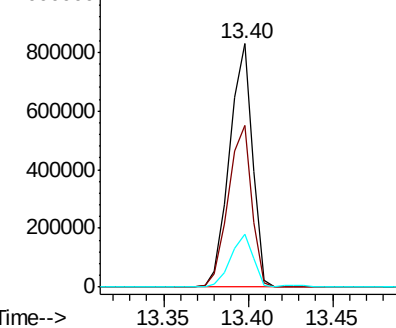
206 21.6 16.1 24.1

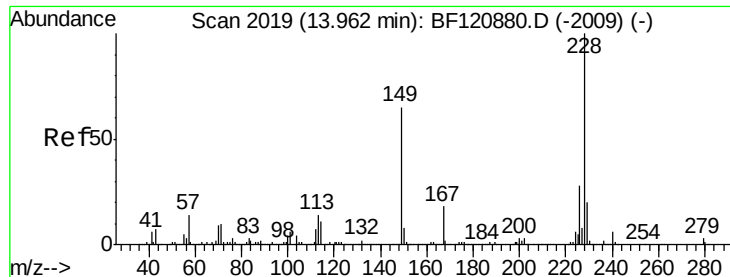


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.497 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

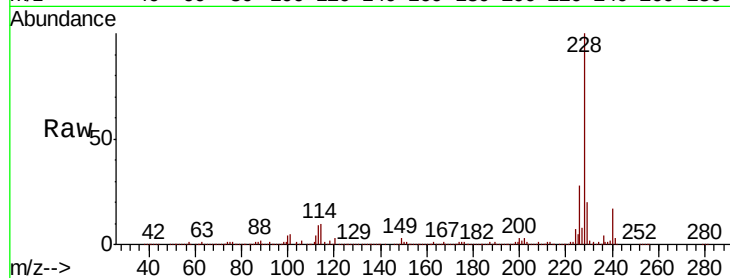
Tot Ion:228 Resp: 1307162

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

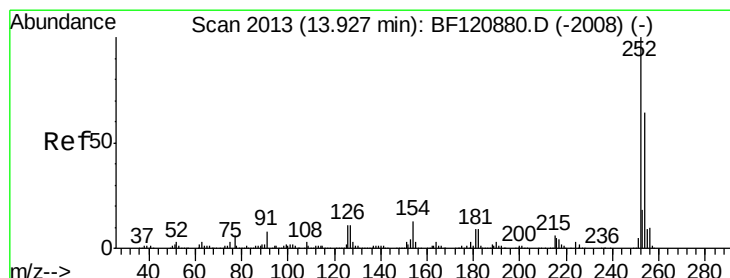
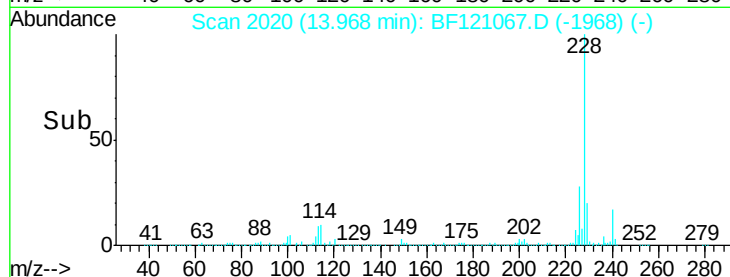
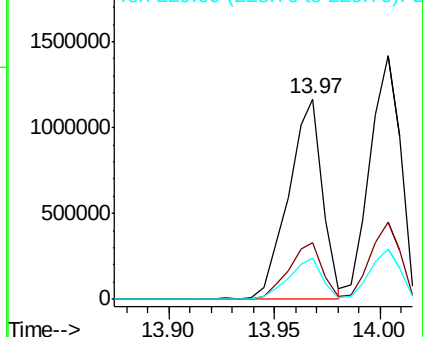
229 20.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.484 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

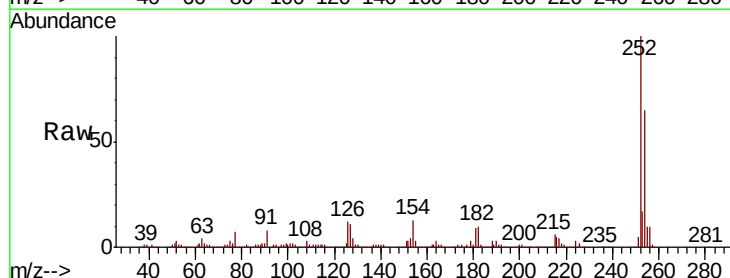
Tgt Ion:252 Resp: 411773

Ion Ratio Lower Upper

252 100

254 64.6 51.2 76.8

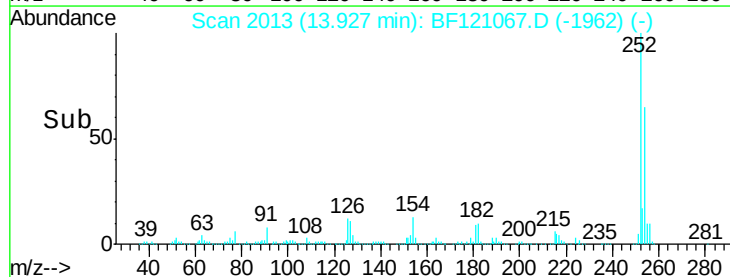
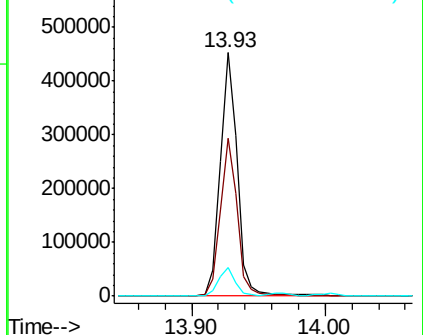
126 11.7 8.7 13.1

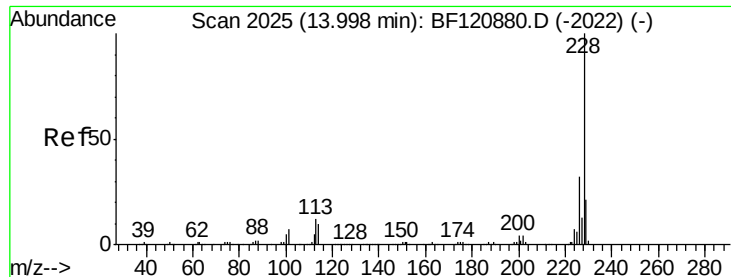


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.200 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

Instrument :

BNA_F

ClientSampleId :

SP-1MSD

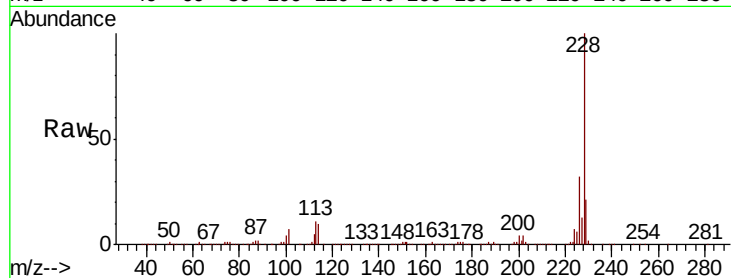
Tot Ion:228 Resp: 1461056

Ion Ratio Lower Upper

228 100

226 31.9 25.6 38.4

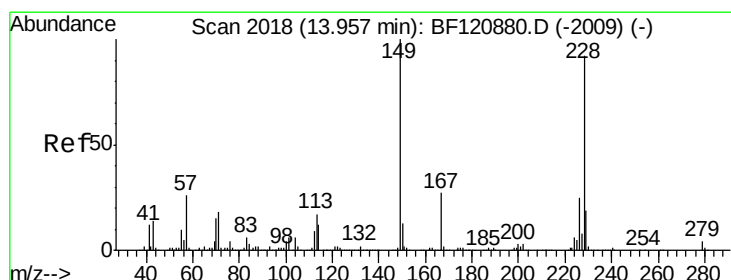
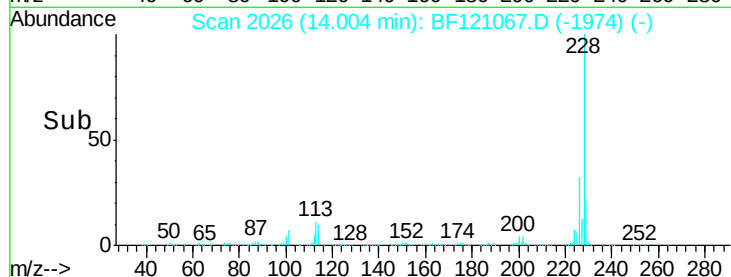
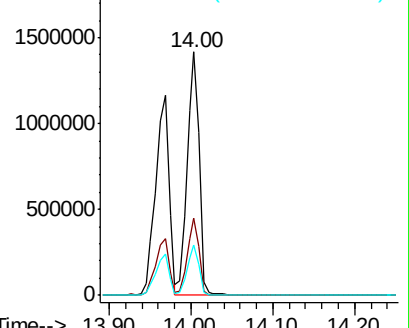
229 20.5 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.496 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121067.D

Acq: 28 Jul 2020 13:50

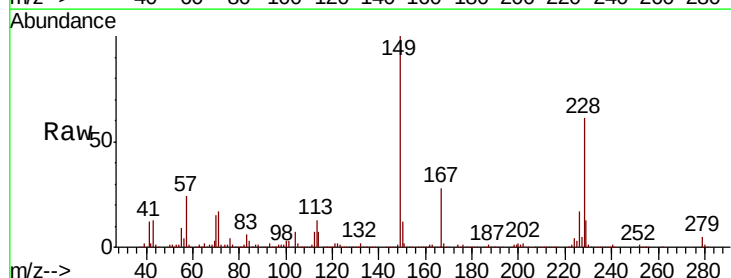
Tgt Ion:149 Resp: 937632

Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

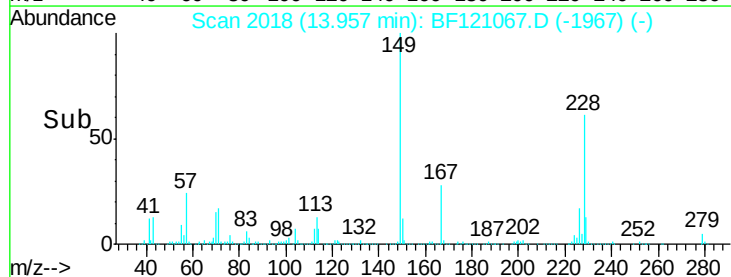
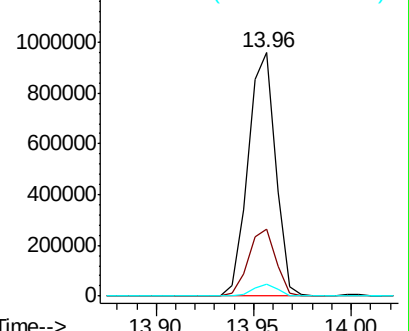
279 4.7 3.0 4.4#

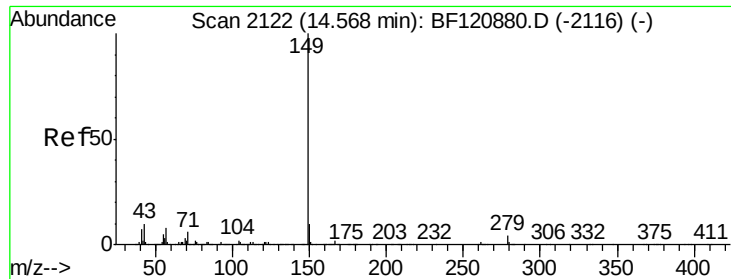


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

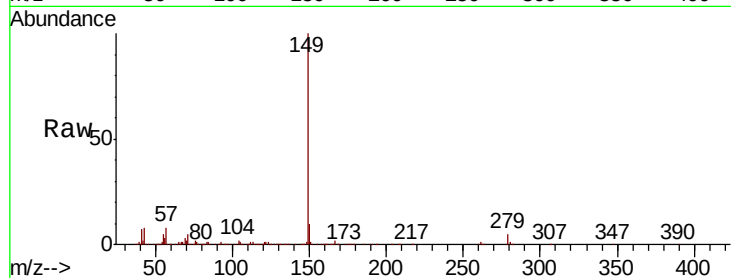




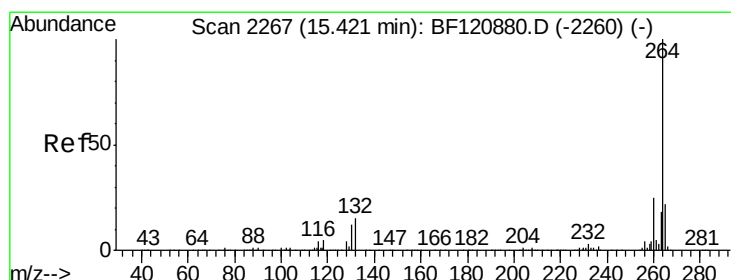
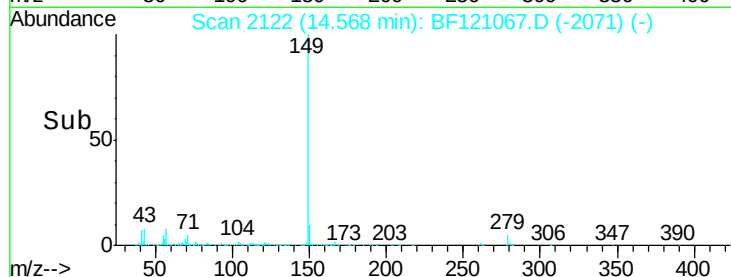
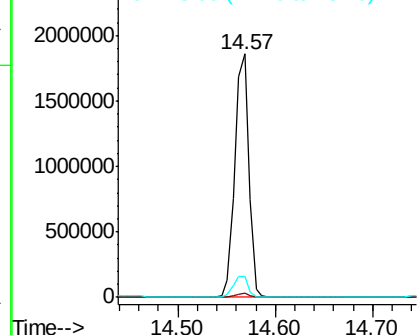
#85
Di-n-octyl phthalate
Concen: 47.660 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:149 Resp: 1871858
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.9 7.6 11.4

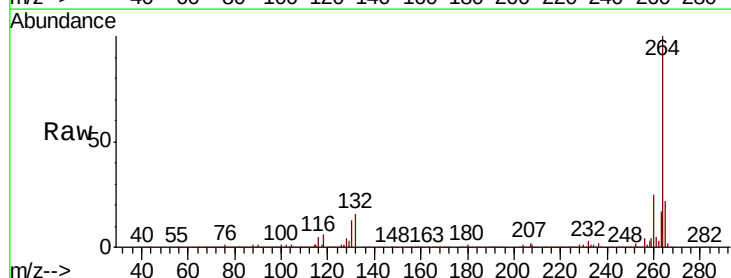


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

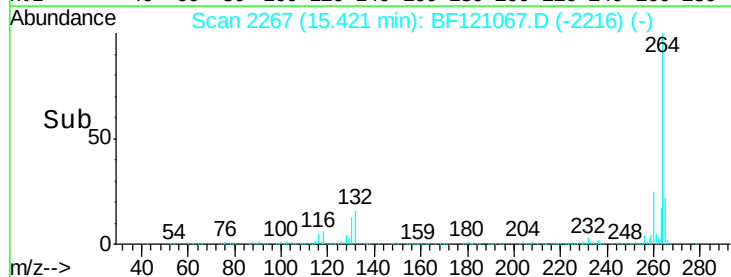
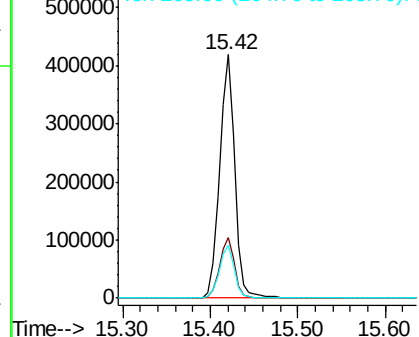


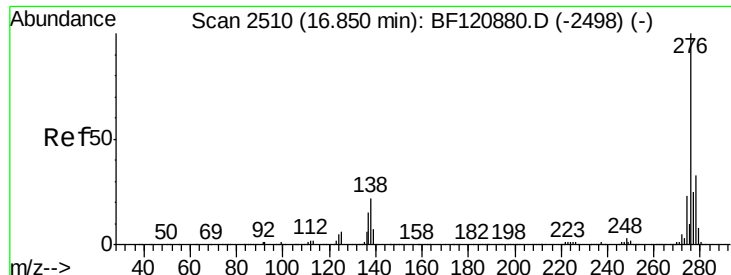
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:264 Resp: 506623
Ion Ratio Lower Upper
264 100
260 24.8 20.0 30.0
265 21.7 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

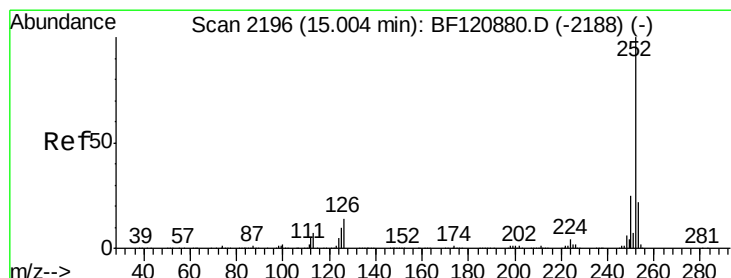
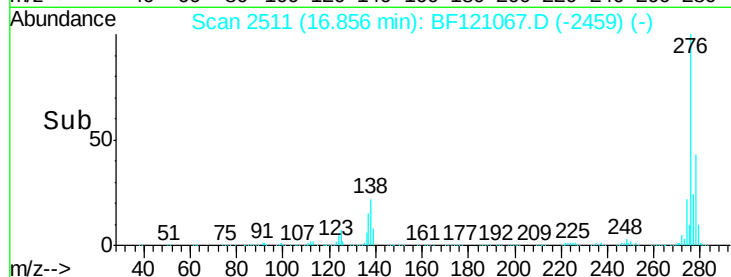
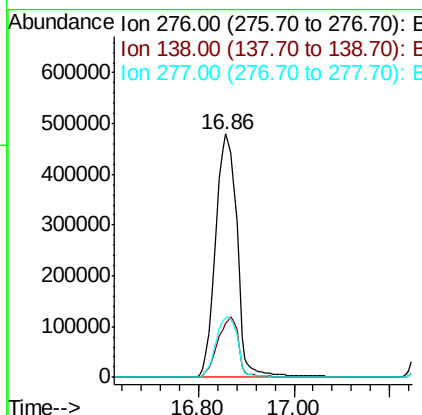
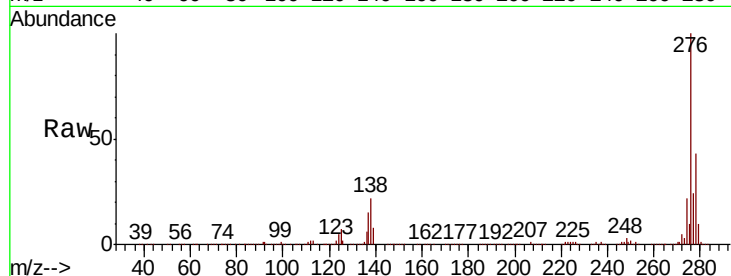




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.784 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

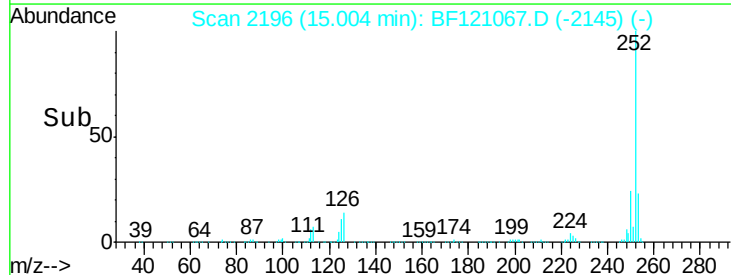
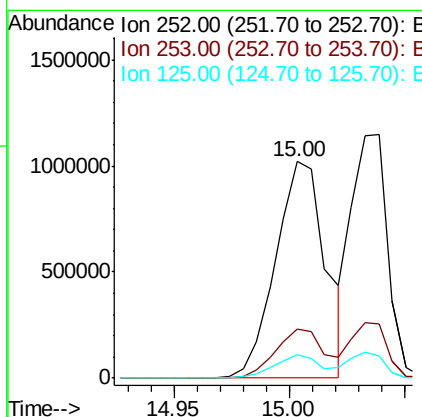
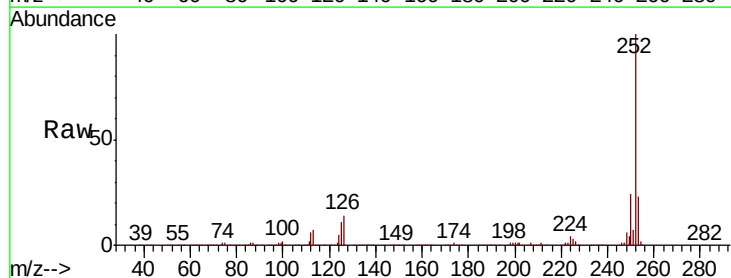
Instrument :
 BNA_F
 ClientSampleId :
 SP-1MSD

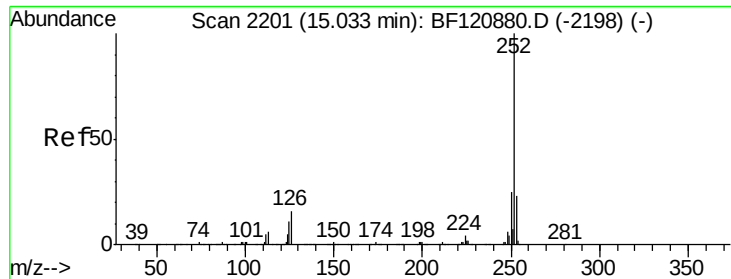
Tot Ion:276 Resp: 1507436
 Ion Ratio Lower Upper
 276 100
 138 24.2 19.8 29.8
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 50.182 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121067.D
 Acq: 28 Jul 2020 13:50

Tgt Ion:252 Resp: 1536750
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.0 27.0
 125 11.0 8.3 12.5

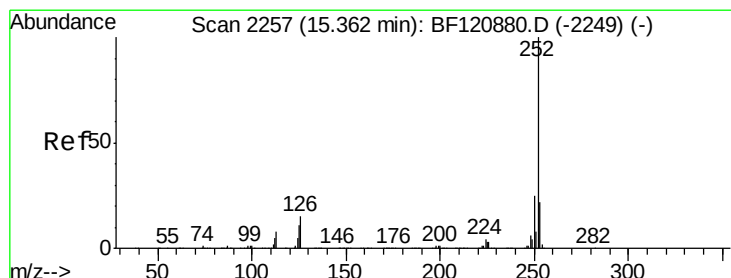
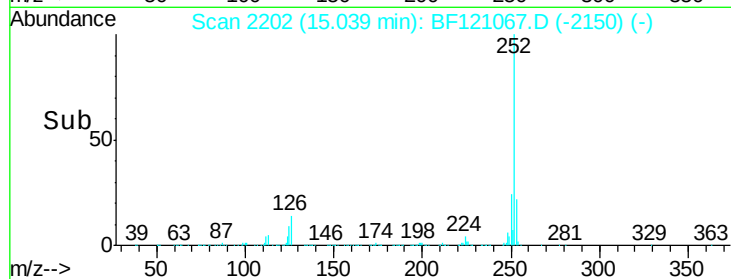
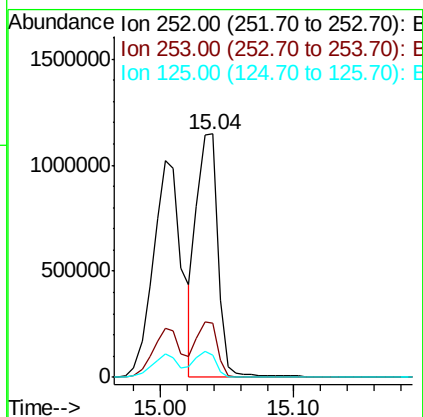
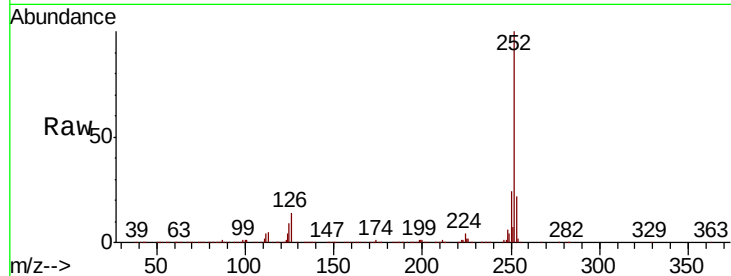




#89
Benzo(k)fluoranthene
Concen: 45.290 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

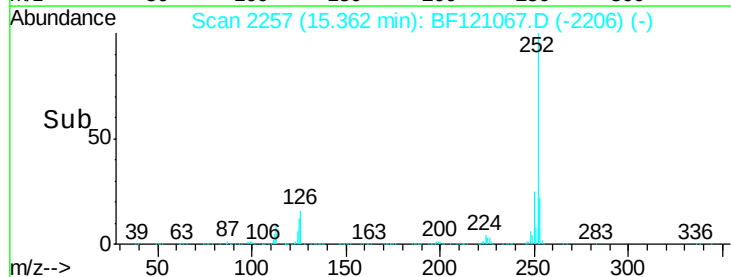
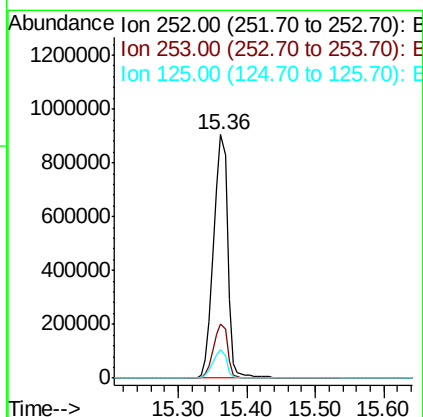
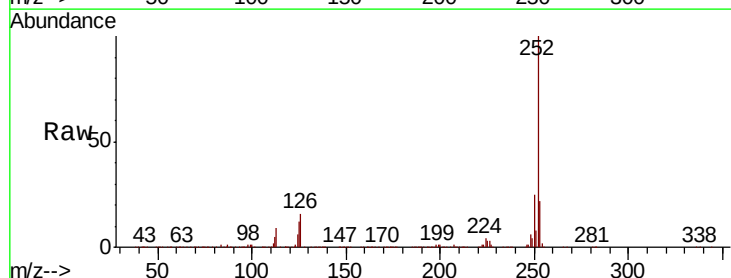
Instrument :
BNA_F
ClientSampleId :
SP-1MSD

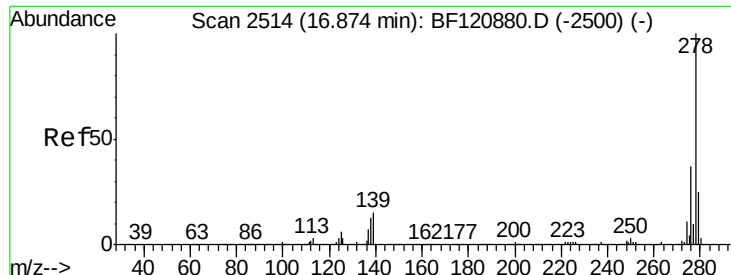
Tot Ion:252 Resp: 1264873
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 45.833 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:252 Resp: 1280576
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.7 8.9 13.3



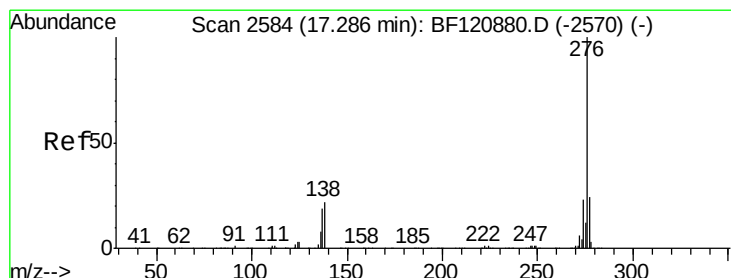
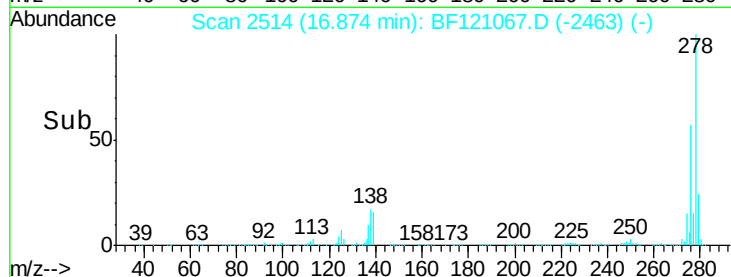
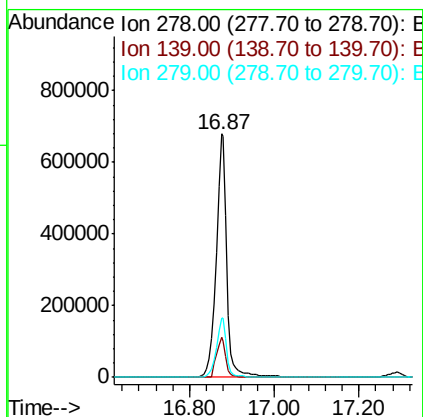
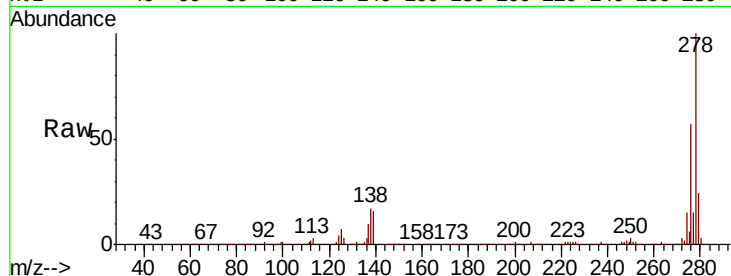


#91
Dibenzo(a,h)anthracene
Concen: 43.623 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Instrument :
BNA_F
ClientSampleId :
SP-1MSD

Tot Ion:278 Resp: 1255492

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.3	18.5
279	24.3	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 44.108 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF121067.D
Acq: 28 Jul 2020 13:50

Tgt Ion:276 Resp: 1251694

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	21.1	17.5	26.3

