

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120303.D
 Acq On : 14 May 2020 21:01
 Operator : MA/SJ
 Sample : L2635-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 02:37:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	393417	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1549850	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	758674	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1347757	20.00	ng	0.00
76) Chrysene-d12	13.79	240	735758	20.00	ng	0.00
87) Perylene-d12	15.17	264	743002	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1949722	96.43	ng	0.01
7) Phenol-d6	6.29	99	2494605	97.56	ng	0.00
23) Nitrobenzene-d5	7.20	82	1593751	70.41	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	597081	96.52	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2762977	74.82	ng	0.00
79) Terphenyl-d14	12.73	244	2510128	75.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	328322	40.819	ng	99
3) Pyridine	2.95	79	738151	29.195	ng	98
4) n-Nitrosodimethylamine	2.90	42	369459	37.319	ng	99
6) Aniline	6.29	93	382760	11.705	ng	# 1
8) 2-Chlorophenol	6.41	128	875975	37.156	ng	100
9) Benzaldehyde	6.17	77	556907	35.330	ng	99
10) Phenol	6.30	94	1088604	36.471	ng	# 72
11) bis(2-Chloroethyl)ether	6.36	93	856040	35.903	ng	98
12) 1,3-Dichlorobenzene	6.56	146	852218	33.782	ng	99
13) 1,4-Dichlorobenzene	6.64	146	883107	33.989	ng	99
14) 1,2-Dichlorobenzene	6.79	146	803397	34.336	ng	99
15) Benzyl Alcohol	6.78	79	655055	36.060	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1296194	34.496	ng	89
17) 2-Methylphenol	6.90	107	673023	33.817	ng	95
18) Hexachloroethane	7.13	117	326748	33.011	ng	96
19) n-Nitroso-di-n-propylamine	7.05	70	587292	35.059	ng	97
20) 3+4-Methylphenols	7.06	107	906207	35.022	ng	97
22) Acetophenone	7.04	105	1165914	36.721	ng	# 98
24) Nitrobenzene	7.22	77	878824	36.074	ng	99
25) Isophorone	7.46	82	1642891	34.881	ng	99
26) 2-Nitrophenol	7.53	139	476660	37.411	ng	90
27) 2,4-Dimethylphenol	7.58	122	739224	39.884	ng	98
28) bis(2-Chloroethoxy)methane	7.67	93	1074486	36.295	ng	99
29) 2,4-Dichlorophenol	7.78	162	685251	35.998	ng	99
30) 1,2,4-Trichlorobenzene	7.85	180	745253	35.330	ng	98
31) Naphthalene	7.93	128	2388604	36.517	ng	100
32) Benzoic acid	7.74	122	483615	39.808	ng	98
33) 4-Chloroaniline	8.00	127	190917	6.405	ng	100
34) Hexachlorobutadiene	8.05	225	410879	33.699	ng	97
35) Caprolactam	8.37	113	148973	23.922	ng	99
36) 4-Chloro-3-methylphenol	8.49	107	723048	35.112	ng	99
37) 2-Methylnaphthalene	8.62	142	1565037	34.963	ng	98
38) 1-Methylnaphthalene	8.72	142	1503981	34.643	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	717447	37.503	ng	99

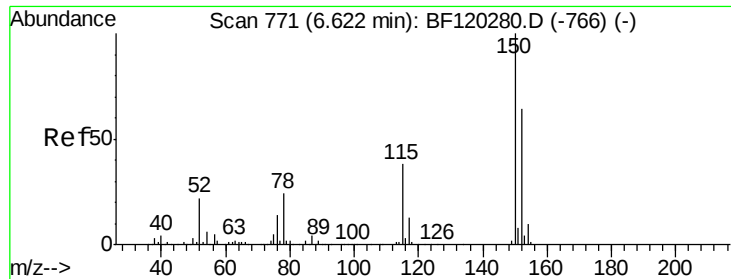
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	391309	52.106	ng	99
43) 2,4,6-Trichlorophenol	8.91	196	460884	35.891	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	493777	33.483	ng	98
46) 1,1'-Biphenyl	9.09	154	1881344	37.847	ng	100
47) 2-Chloronaphthalene	9.11	162	1328739	33.323	ng	99
48) 2-Nitroaniline	9.22	65	503396	34.601	ng	98
49) Acenaphthylene	9.53	152	2185577	35.882	ng	100
50) Dimethylphthalate	9.40	163	2197315	45.816	ng	100
51) 2,6-Dinitrotoluene	9.46	165	372210	34.773	ng	89
52) Acenaphthene	9.70	154	1290751	35.354	ng	100
53) 3-Nitroaniline	9.63	138	173010	13.554	ng	97
54) 2,4-Dinitrophenol	9.74	184	244436	48.378	ng	97
55) Dibenzofuran	9.87	168	1868522	35.539	ng	99
56) 4-Nitrophenol	9.82	139	459127	66.940	ng	92
57) 2,4-Dinitrotoluene	9.87	165	440898	35.114	ng	96
58) Fluorene	10.21	166	1443390	36.048	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.99	232	384927	34.684	ng	97
60) Diethylphthalate	10.10	149	1634251	35.296	ng	98
61) 4-Chlorophenyl-phenylether	10.20	204	714528	34.323	ng	97
62) 4-Nitroaniline	10.25	138	308317	25.939	ng	100
63) Azobenzene	10.37	77	1584047	36.199	ng	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	196027	28.760	ng	95
66) n-Nitrosodiphenylamine	10.33	169	1352688	36.278	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	442201	33.812	ng	99
68) Hexachlorobenzene	10.76	284	458981	33.546	ng	98
69) Atrazine	10.86	200	357347	32.028	ng	99
70) Pentachlorophenol	10.96	266	402184	69.114	ng	99
71) Phenanthrene	11.17	178	1999246	35.302	ng	99
72) Anthracene	11.22	178	2185072	36.041	ng	99
73) Carbazole	11.38	167	1911978	33.752	ng	99
74) Di-n-butylphthalate	11.72	149	2535763	37.143	ng	98
75) Fluoranthene	12.36	202	2071814	34.132	ng	98
77) Benzidine	12.49	184	786123	36.589	ng	99
78) Pyrene	12.59	202	1997839	38.089	ng	99
80) Butylbenzylphthalate	13.21	149	925887	37.487	ng	99
81) Benzo(a)anthracene	13.77	228	1363541	35.137	ng	98
82) 3,3'-Dichlorobenzidine	13.74	252	259031	17.713	ng	97
83) Chrysene	13.81	228	1438226	34.514	ng	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1174322	38.215	ng	98
85) Di-n-octyl phthalate	14.39	149	1994023	36.070	ng	99
86) Indeno(1,2,3-cd)pyrene	16.51	276	1496635	39.572	ng	100
88) Benzo(b)fluoranthene	14.79	252	1461247	36.012	ng	99
89) Benzo(k)fluoranthene	14.82	252	1220785	34.726	ng	100
90) Benzo(a)pyrene	15.12	252	1243782	34.179	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1240506	38.479	ng	99
92) Benzo(g,h,i)perylene	16.91	276	1242036	38.205	ng	99

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

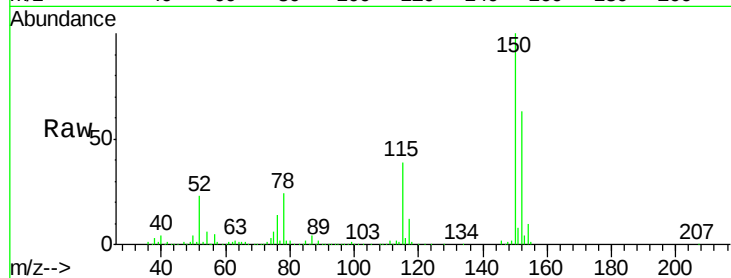


#1

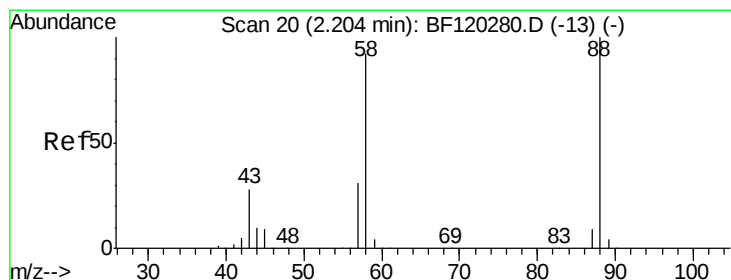
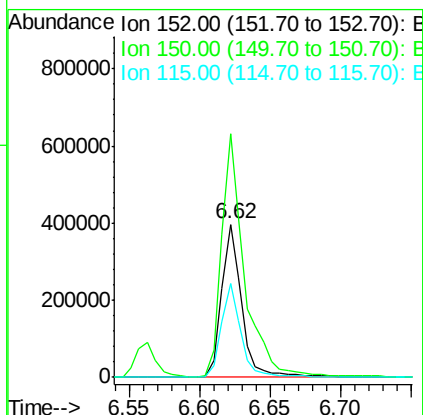
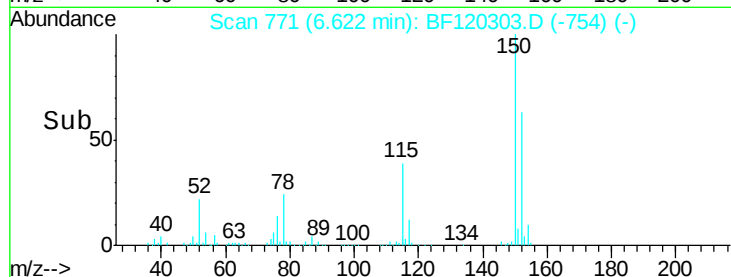
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	61.5	47.9	71.9



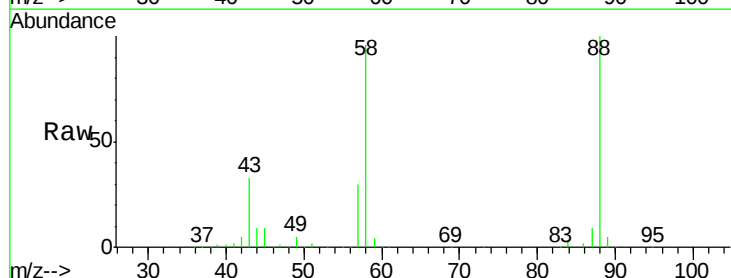
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



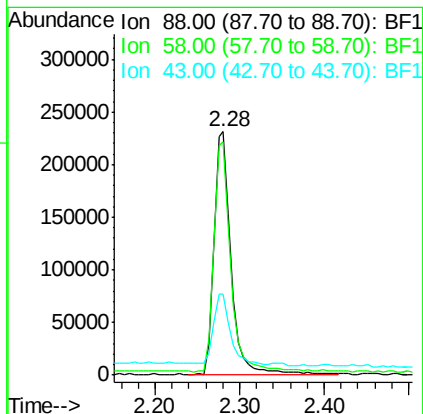
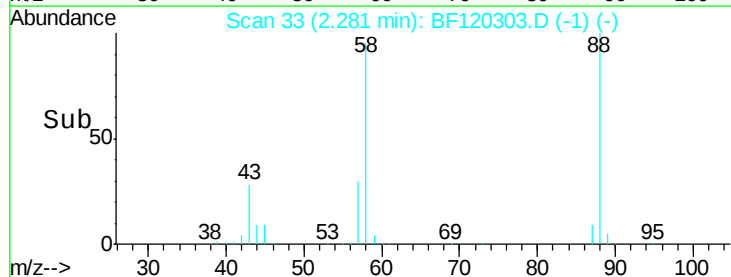
#2

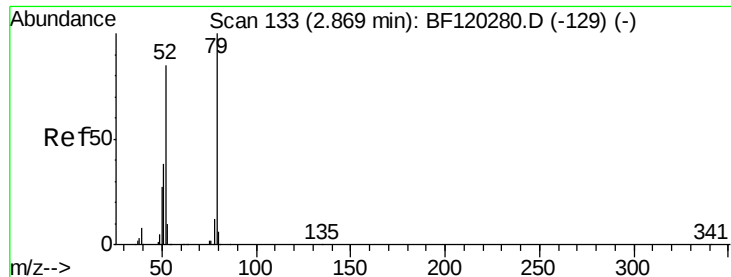
1,4-Dioxane
Concen: 40.819 ng
RT: 2.28 min Scan# 33
Delta R.T. 0.08 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.9	75.8	113.6
43	28.3	23.6	35.4



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: 29.195 ng

RT: 2.95 min Scan# 146

Delta R.T. 0.08 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

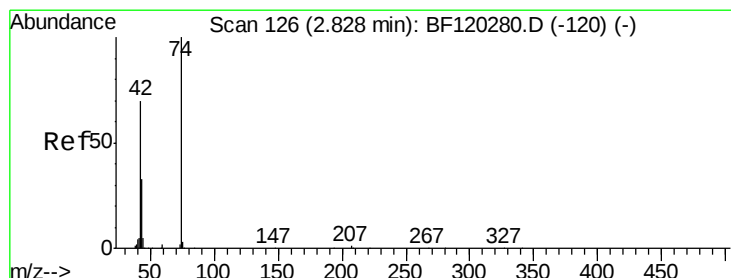
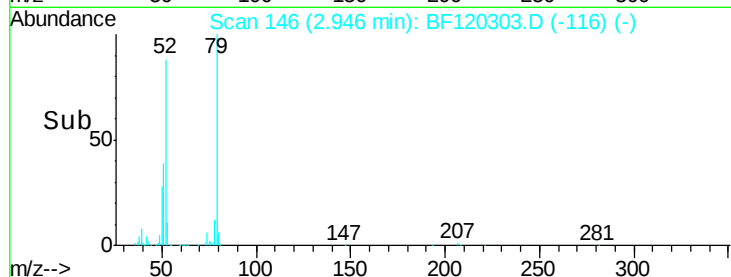
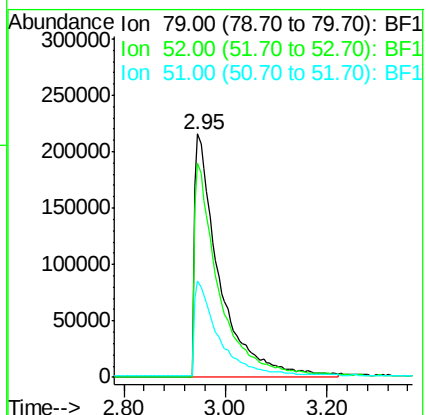
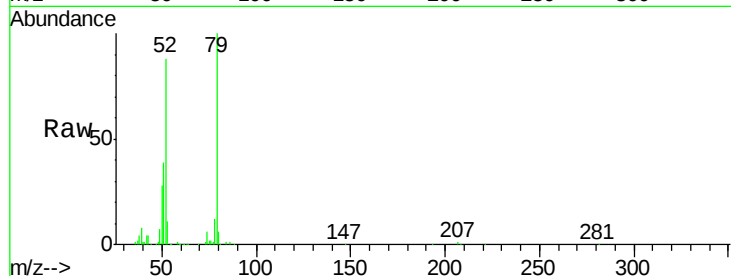
Tot Ion: 79 Resp: 738151

Ion Ratio Lower Upper

79 100

52 87.8 68.4 102.6

51 39.4 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 37.319 ng

RT: 2.90 min Scan# 139

Delta R.T. 0.08 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

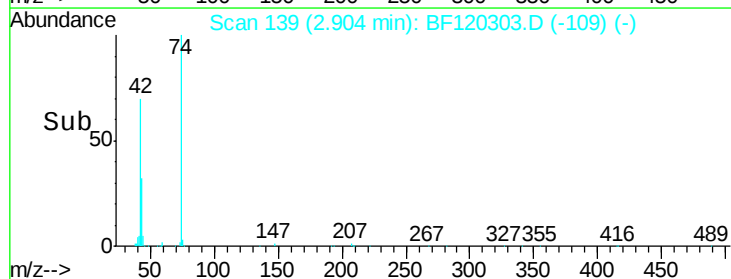
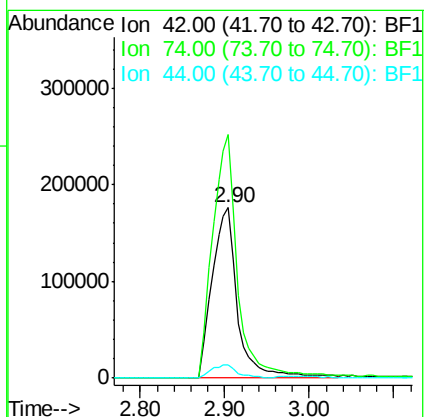
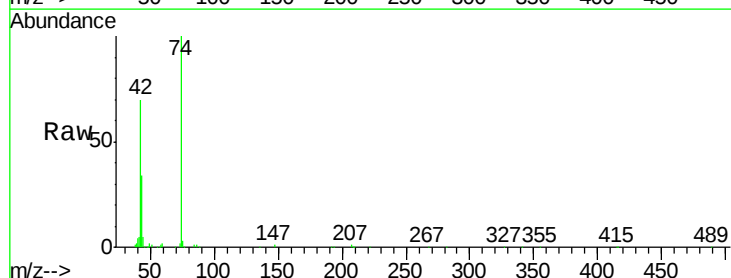
Tgt Ion: 42 Resp: 369459

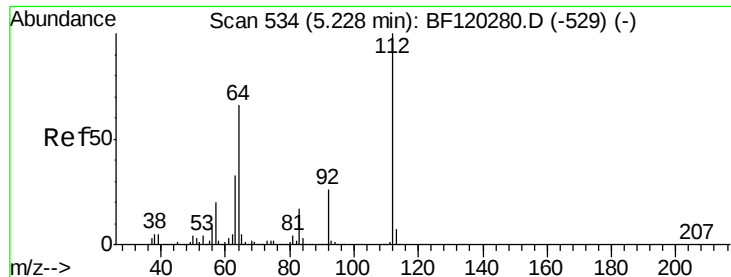
Ion Ratio Lower Upper

42 100

74 142.7 114.8 172.2

44 7.8 5.6 8.4





#5

2-Fluorophenol

Concen: 96.427 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

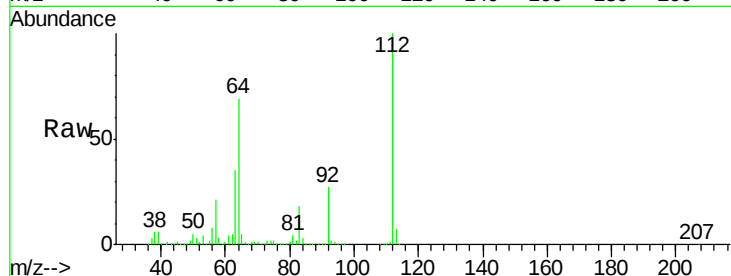
Tot Ion:112 Resp: 1949722

Ion Ratio Lower Upper

112 100

64 69.5 52.7 79.1

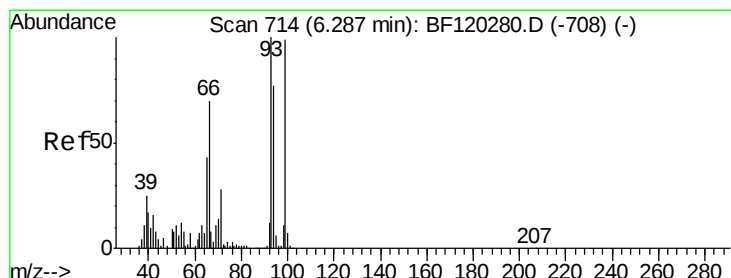
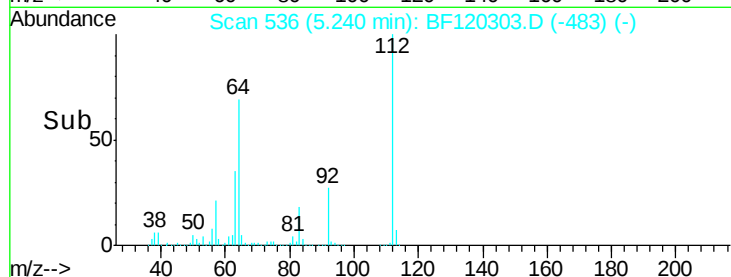
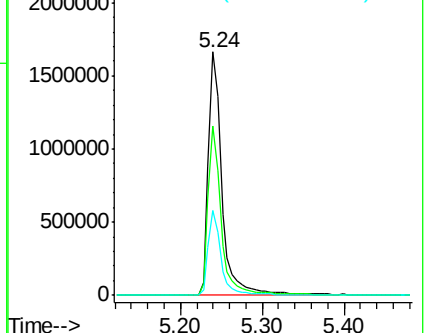
63 34.9 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.705 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

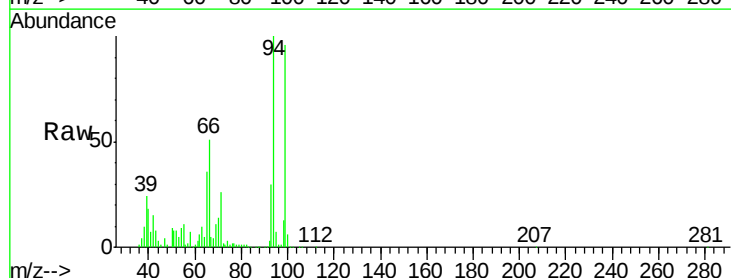
Tgt Ion: 93 Resp: 382760

Ion Ratio Lower Upper

93 100

66 172.5 56.2 84.4#

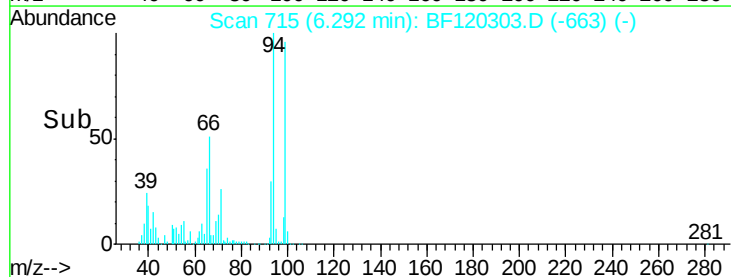
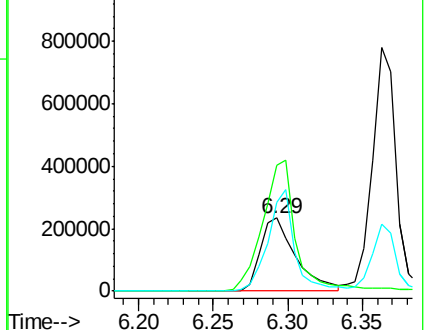
65 121.0 34.2 51.2#

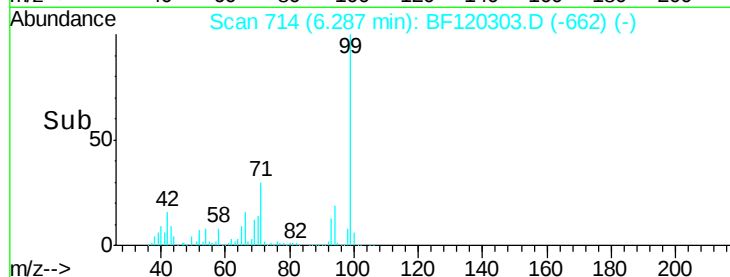
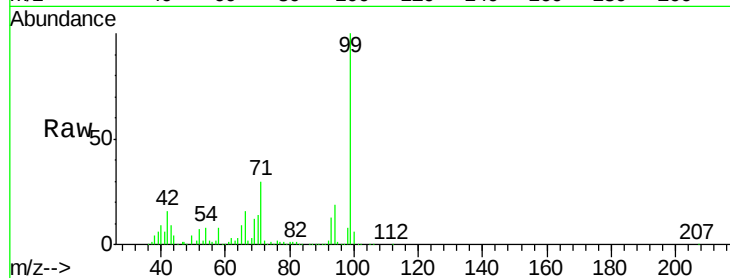
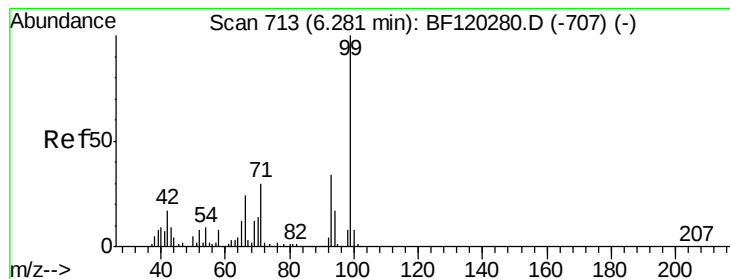


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.561 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

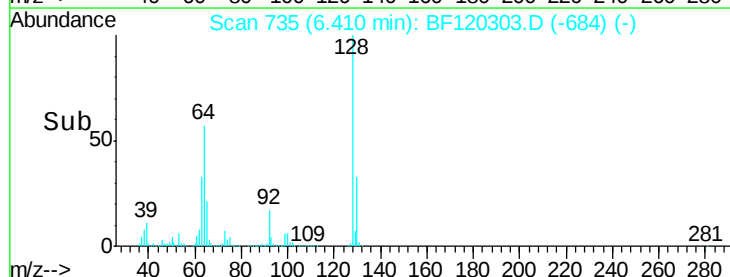
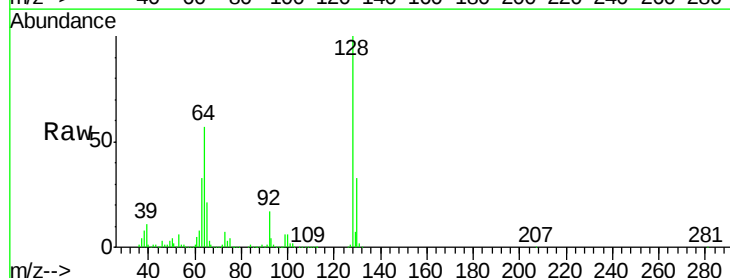
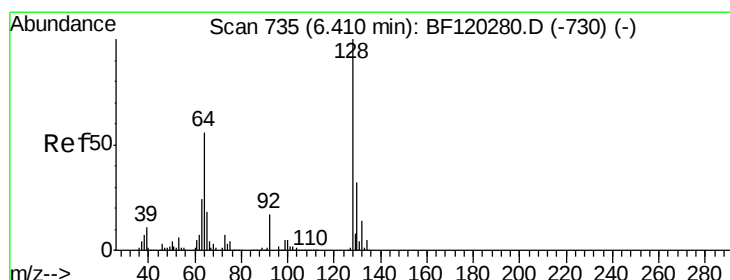
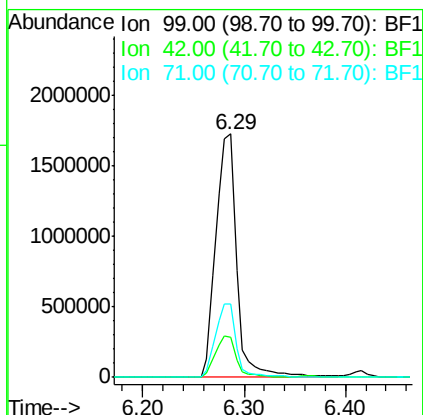
Tot Ion: 99 Resp: 2494605

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

71 30.3 24.2 36.4



#8

2-Chlorophenol

Concen: 37.156 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

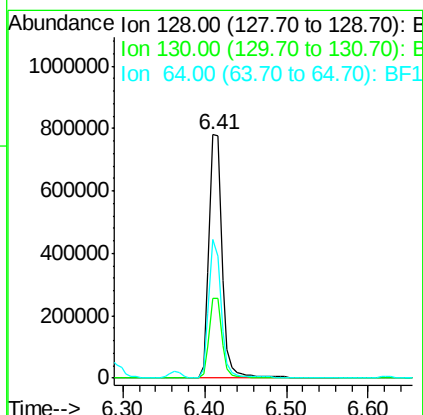
Tgt Ion: 128 Resp: 875975

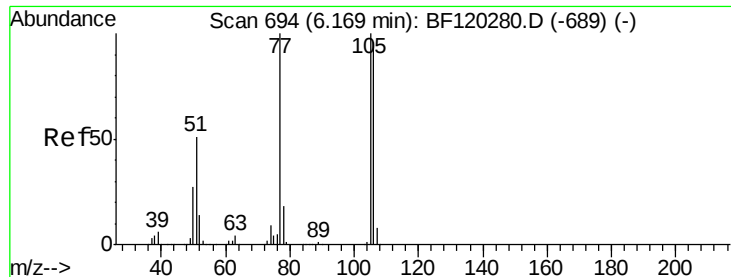
Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 56.9 36.7 76.7





#9

Benzaldehyde

Concen: 35.330 ng

RT: 6.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

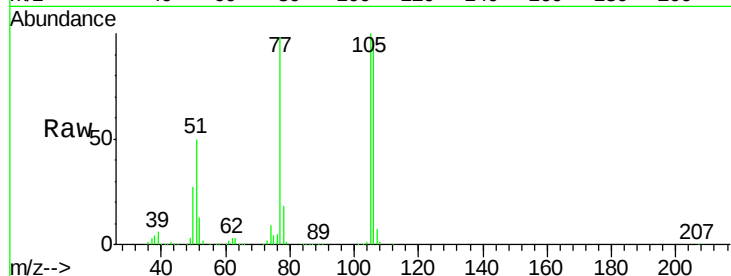
Tot Ion: 77 Resp: 556907

Ion Ratio Lower Upper

77 100

105 101.6 79.9 119.9

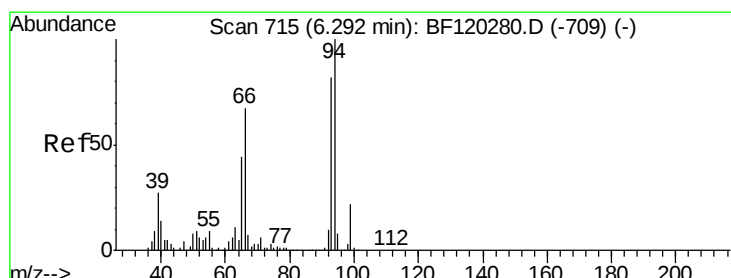
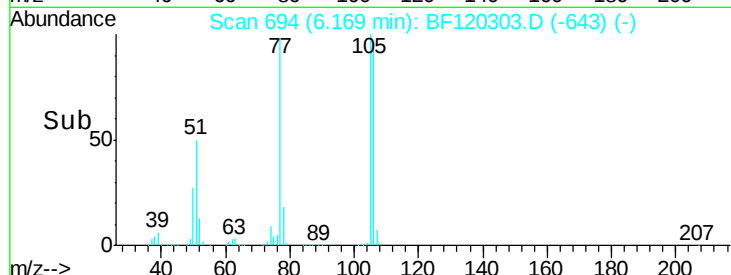
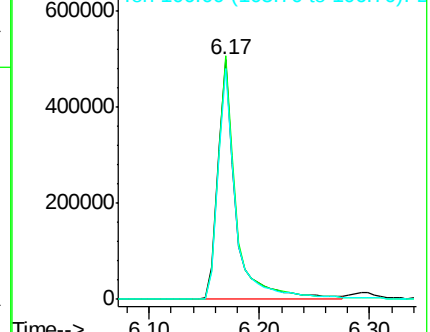
106 96.1 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.471 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

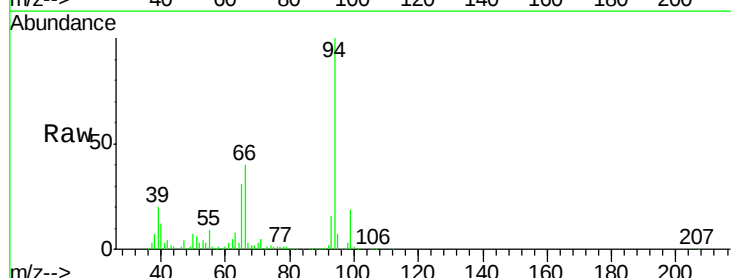
Tgt Ion: 94 Resp: 1088604

Ion Ratio Lower Upper

94 100

65 31.3 24.1 64.1

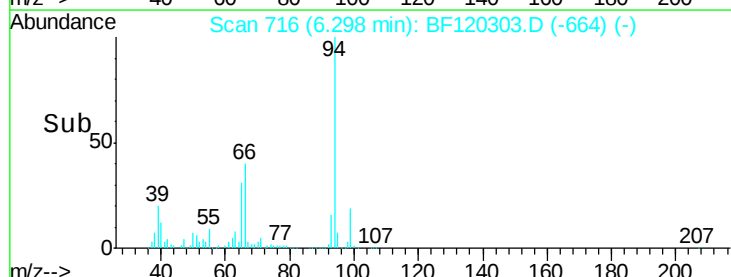
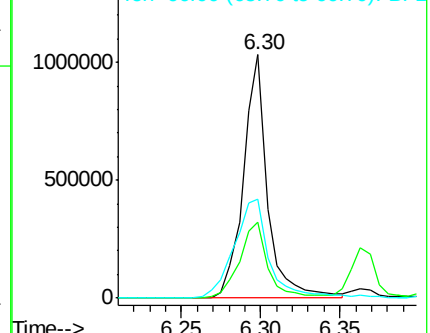
66 40.5 47.5 87.5#

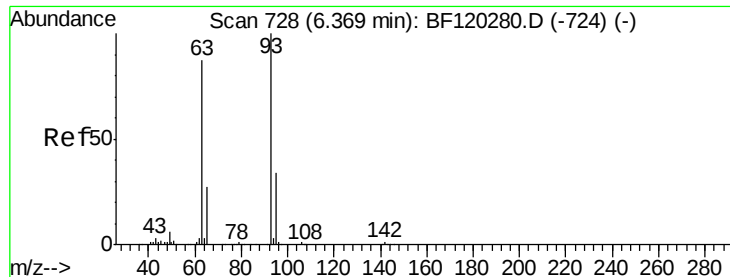


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.903 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

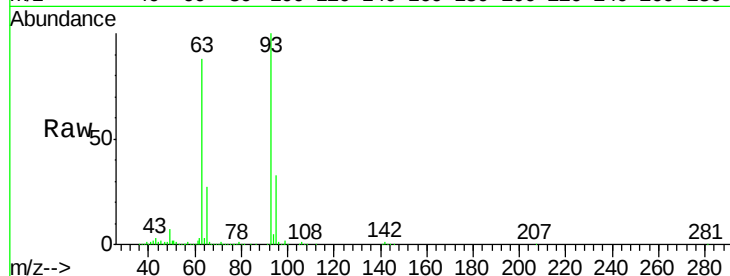
Tot Ion: 93 Resp: 856040

Ion Ratio Lower Upper

93 100

63 88.5 65.4 105.4

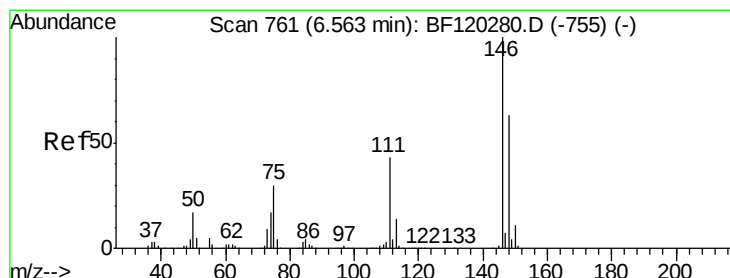
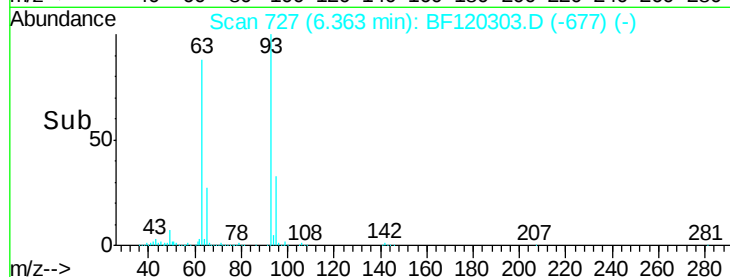
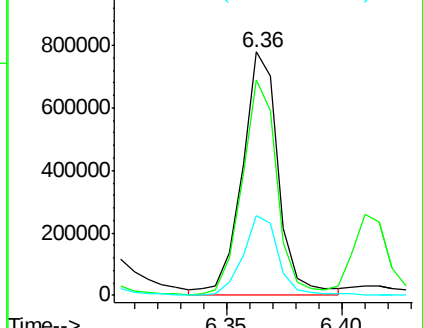
95 32.8 12.9 52.9



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: 33.782 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

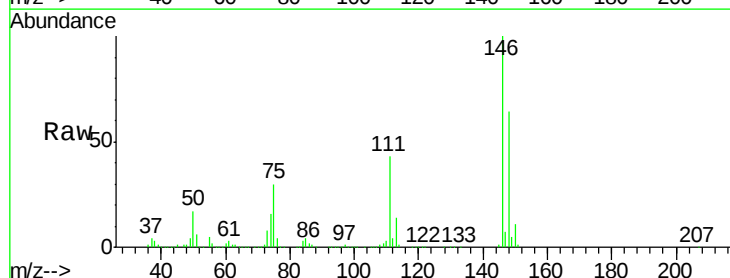
Tgt Ion: 146 Resp: 852218

Ion Ratio Lower Upper

146 100

148 64.1 50.5 75.7

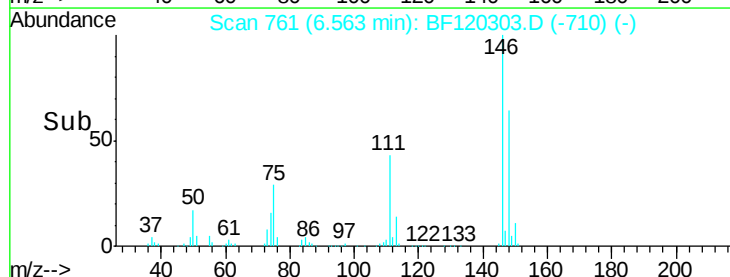
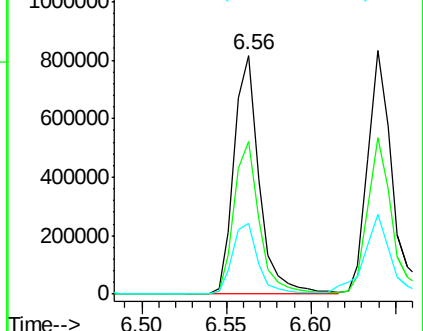
75 29.5 24.2 36.4

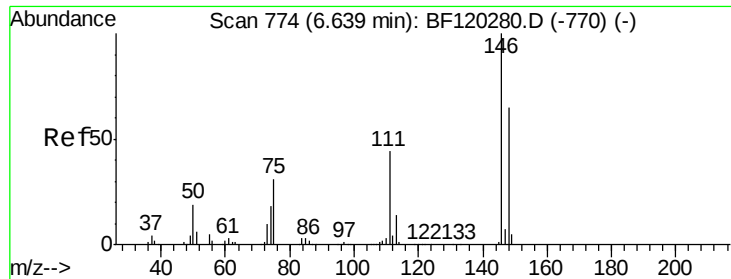


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

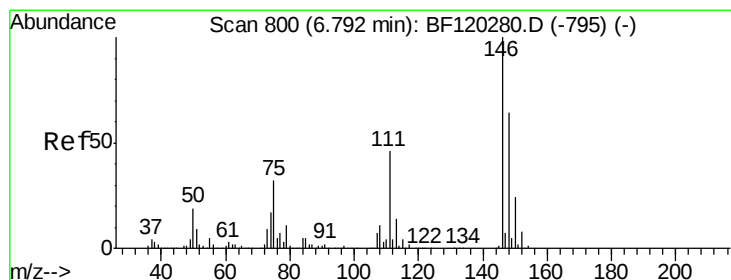
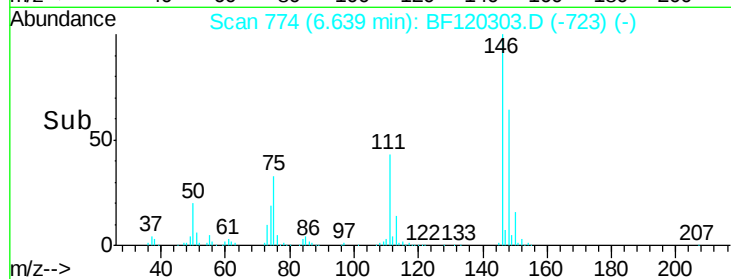
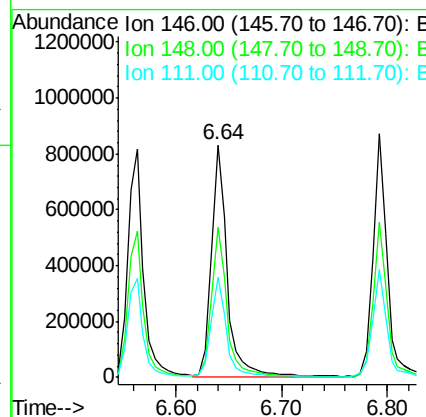
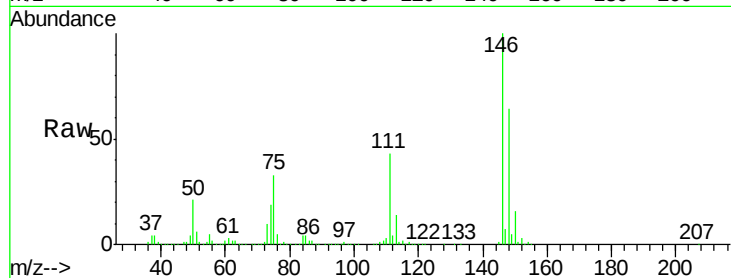




#13
 1,4-Dichlorobenzene
 Concen: 33.989 ng
 RT: 6.64 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

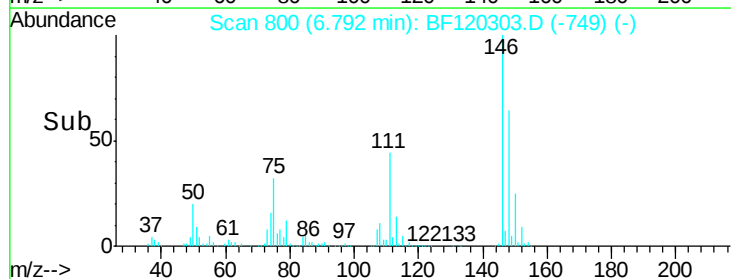
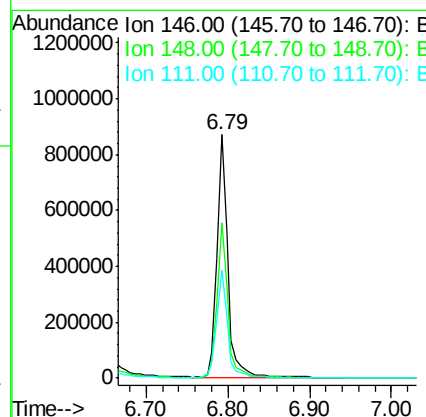
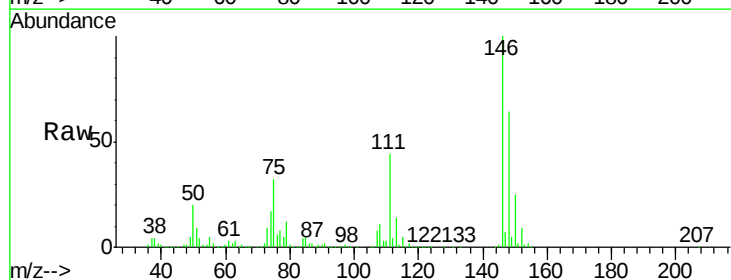
Instrument :
 BNA_F
 ClientSampled :

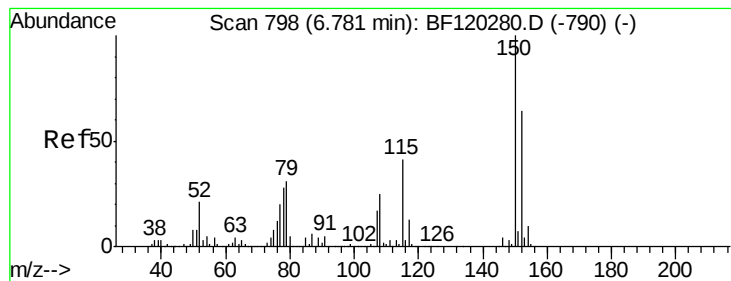
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	43.3	35.1	52.7



#14
 1,2-Dichlorobenzene
 Concen: 34.336 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	44.4	36.6	55.0





#15

Benzyl Alcohol

Concen: 36.060 ng

RT: 6.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampled :

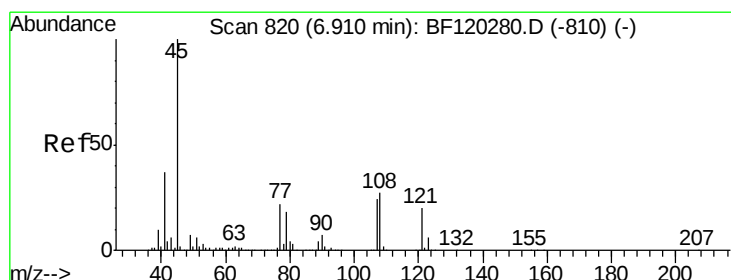
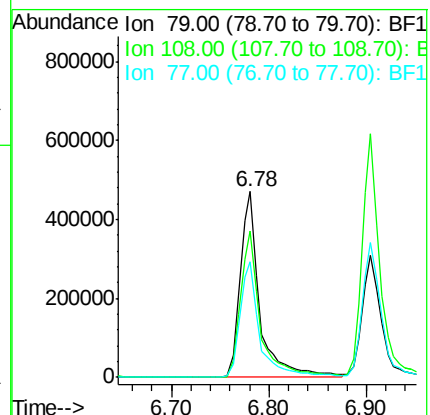
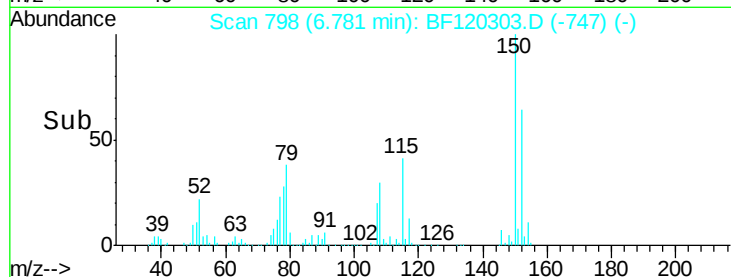
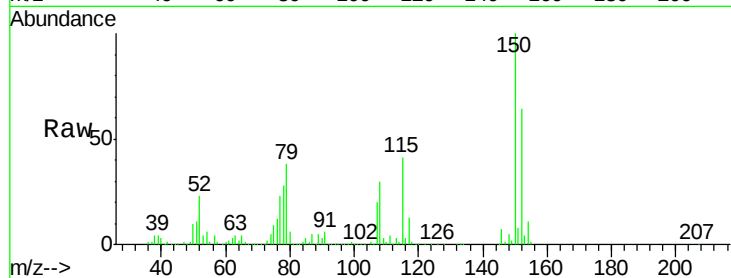
Tot Ion: 79 Resp: 655055

Ion Ratio Lower Upper

79 100

108 78.5 64.2 96.4

77 62.0 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.496 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

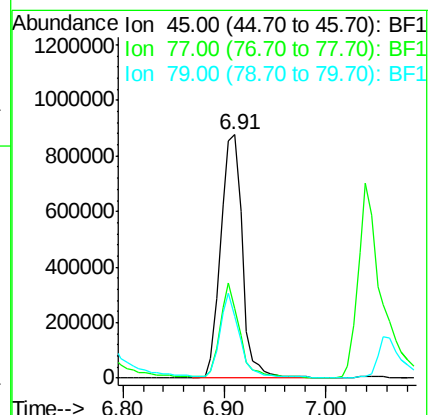
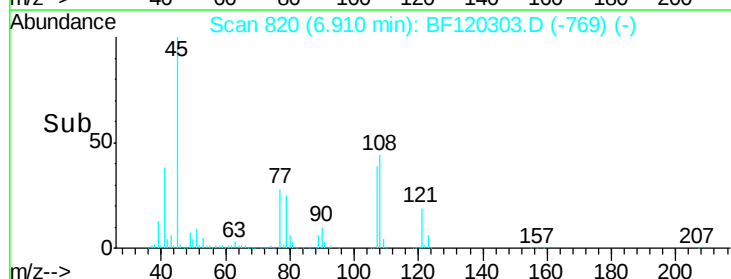
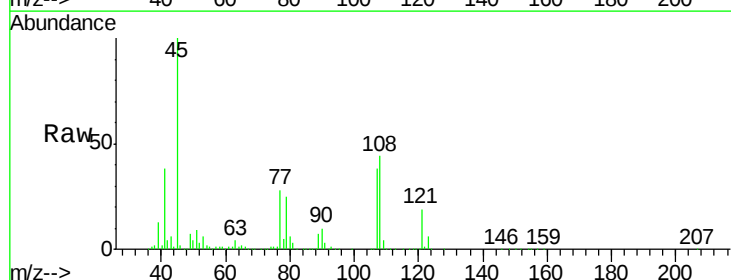
Tgt Ion: 45 Resp: 1296194

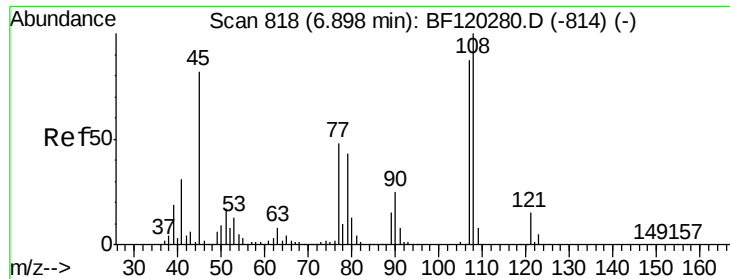
Ion Ratio Lower Upper

45 100

77 28.3 3.1 43.1

79 25.3 0.0 40.0

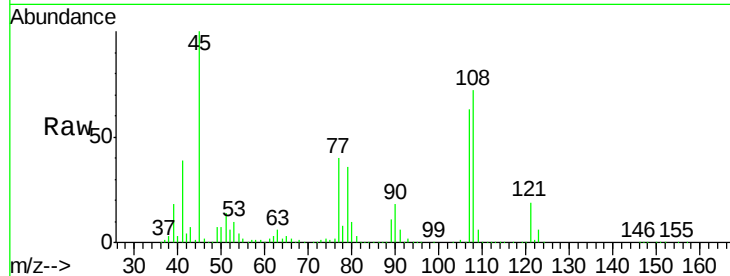




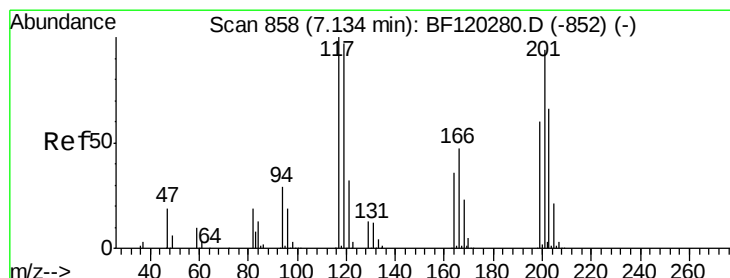
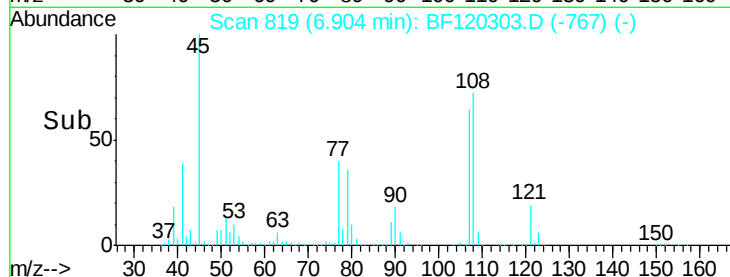
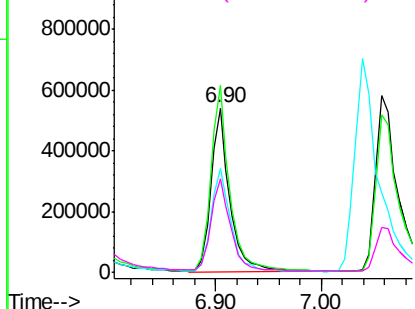
#17
2-Methylphenol
Concen: 33.817 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 673023
Ion Ratio Lower Upper
107 100
108 113.8 92.4 138.6
77 63.1 44.5 66.7
79 56.8 40.4 60.6

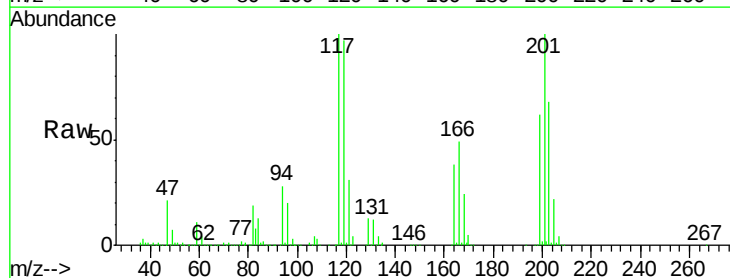


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

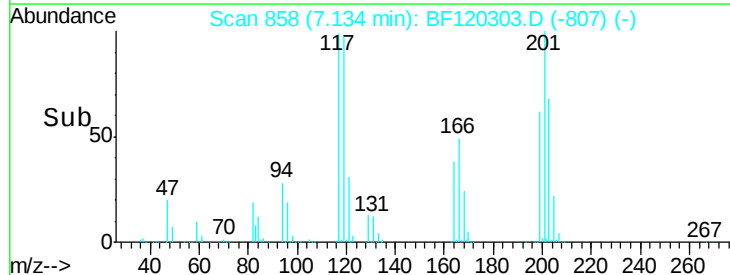
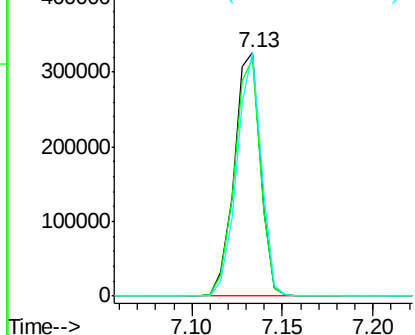


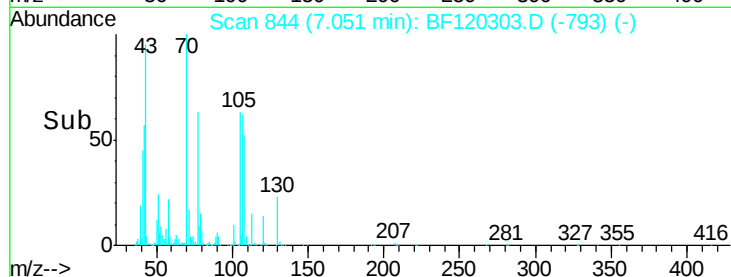
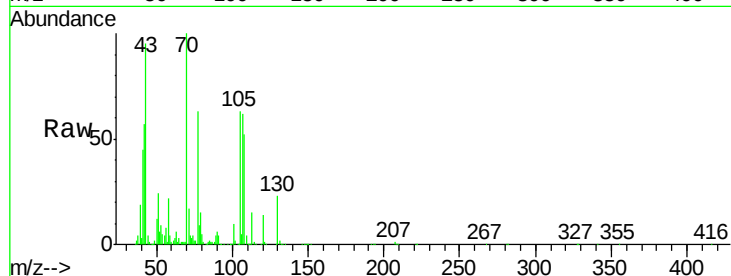
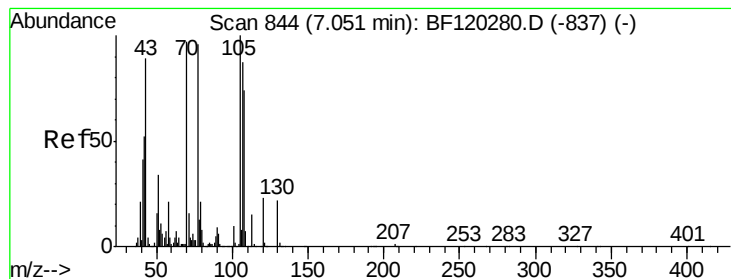
#18
Hexachloroethane
Concen: 33.011 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion:117 Resp: 326748
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
201 100.1 74.9 112.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.059 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 587292

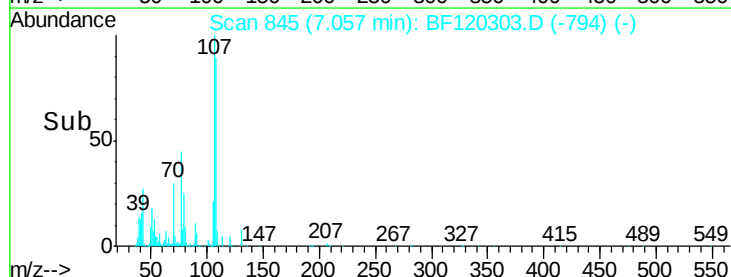
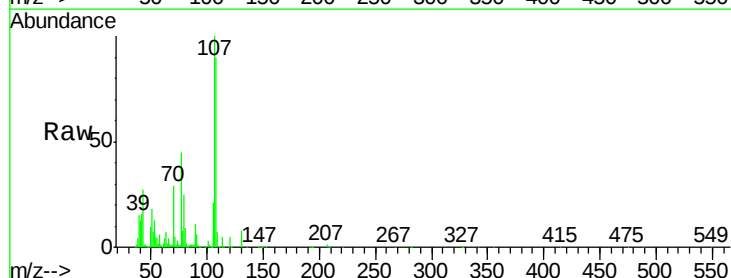
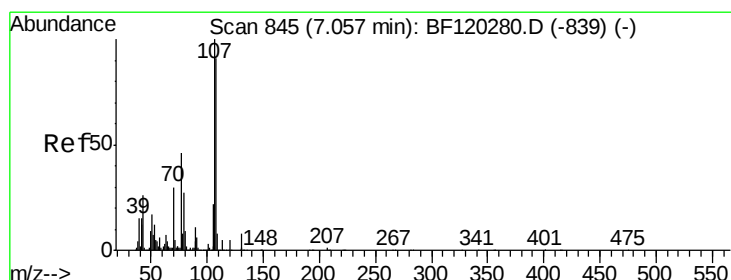
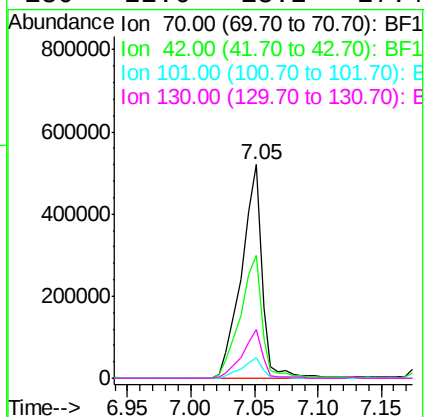
Ion Ratio Lower Upper

70 100

42 57.4 43.4 65.0

101 9.9 7.8 11.8

130 22.6 18.2 27.4



#20

3+4-Methylphenols

Concen: 35.022 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Tgt Ion: 107 Resp: 906207

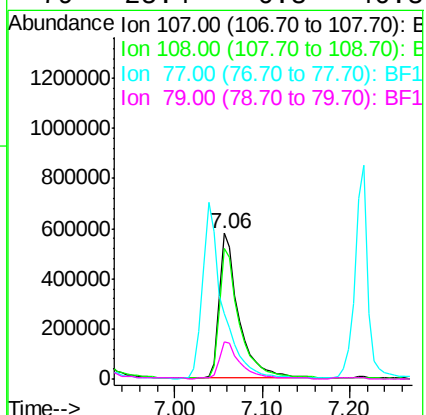
Ion Ratio Lower Upper

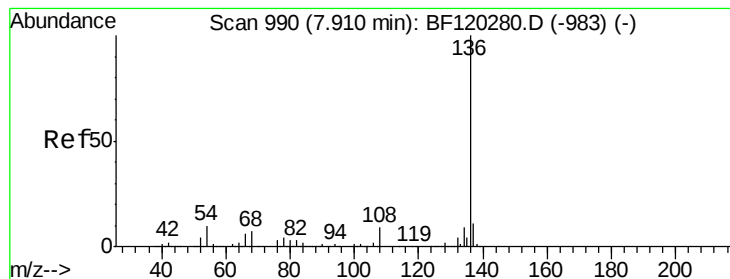
107 100

108 89.6 71.1 111.1

77 45.1 28.1 68.1

79 25.4 6.8 46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1549850

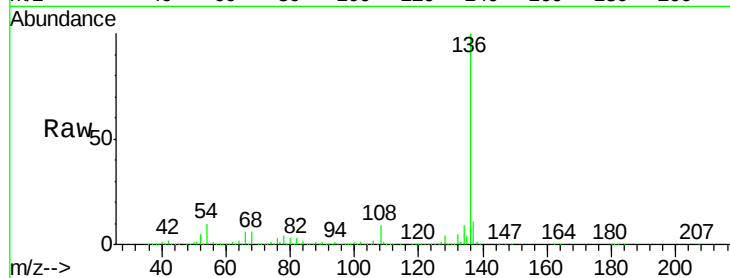
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.0 7.9 11.9

68 6.4 5.4 8.2

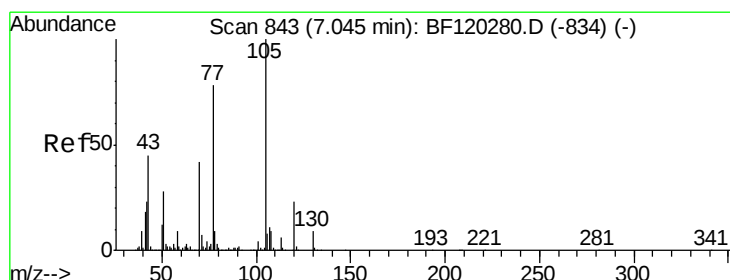
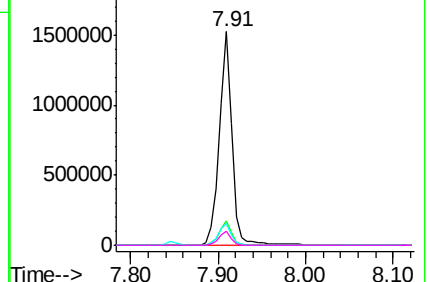
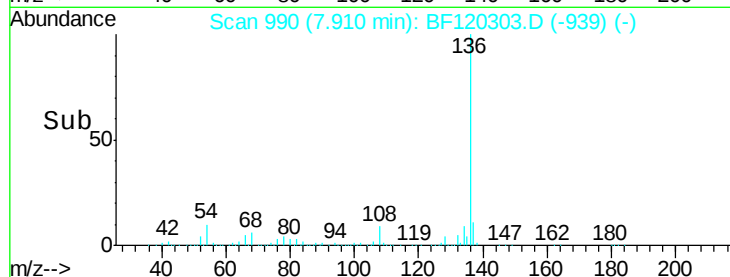


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.721 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Tgt Ion:105 Resp: 1165914

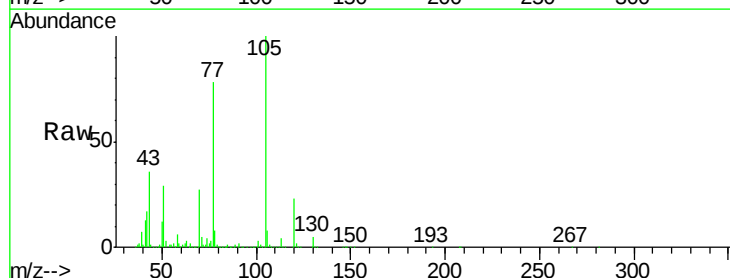
Ion Ratio Lower Upper

105 100

71 4.6 5.6 8.4#

51 29.5 22.6 34.0

120 23.0 18.7 28.1

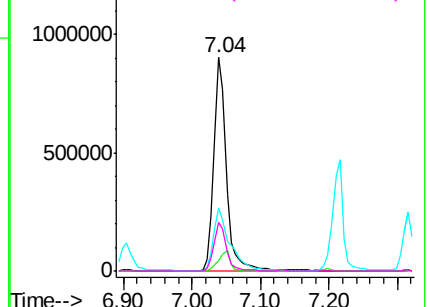
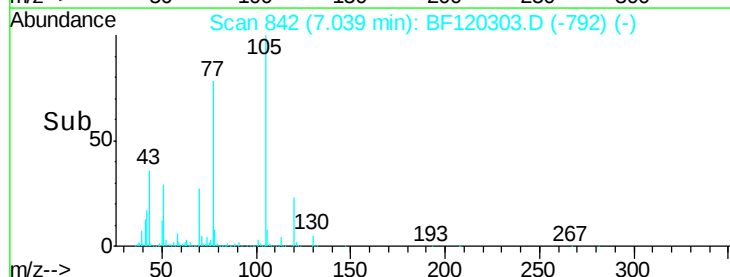


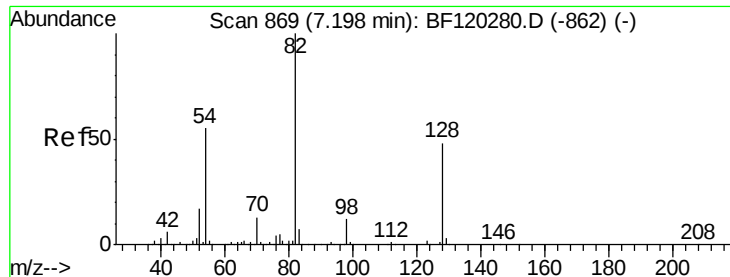
Abundance Ion 105.00 (104.70 to 105.70): E

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

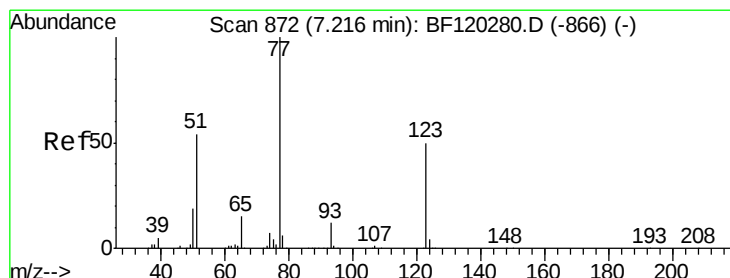
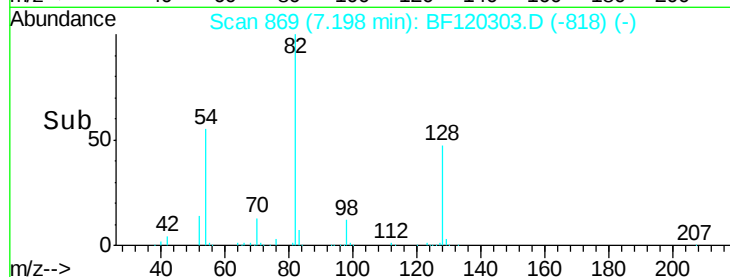
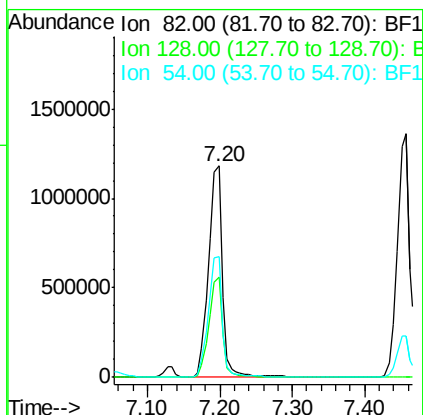
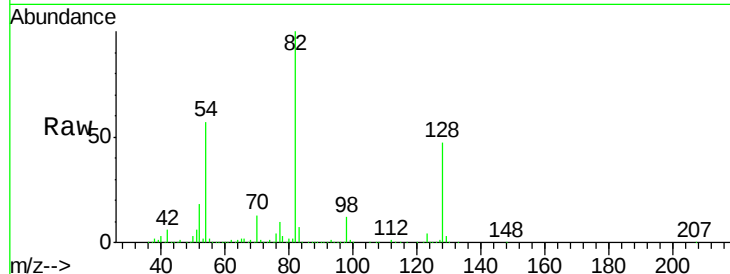




#23
 Nitrobenzene-d5
 Concen: 70.406 ng
 RT: 7.20 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

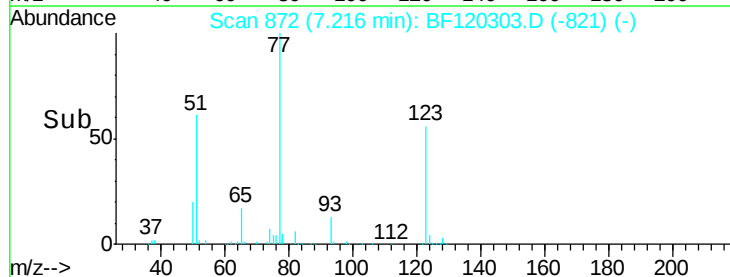
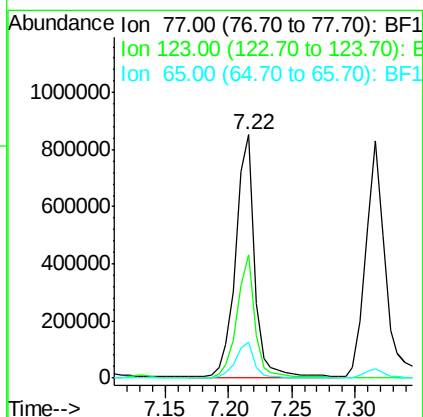
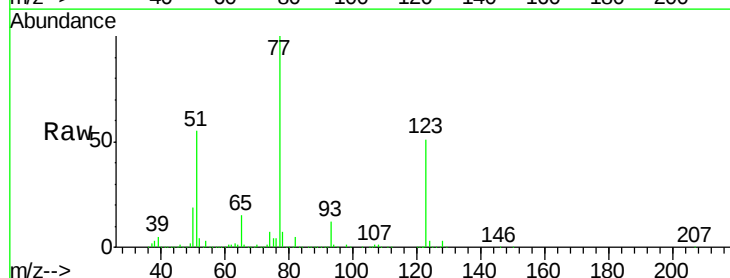
Instrument :
 BNA_F
 ClientSampleId :

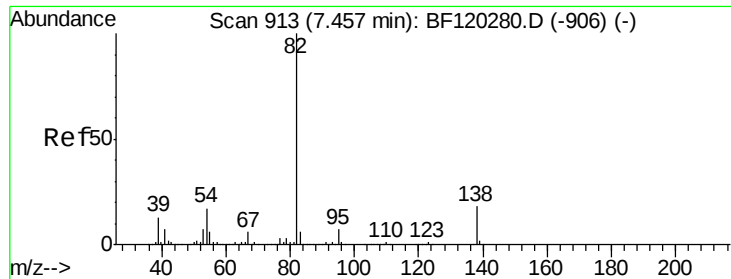
Tot Ion: 82 Resp: 1593751
 Ion Ratio Lower Upper
 82 100
 128 47.3 38.3 57.5
 54 57.1 43.9 65.9



#24
 Nitrobenzene
 Concen: 36.074 ng
 RT: 7.22 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion: 77 Resp: 878824
 Ion Ratio Lower Upper
 77 100
 123 50.6 40.0 60.0
 65 14.7 11.7 17.5





#25

Isophorone

Concen: 34.881 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

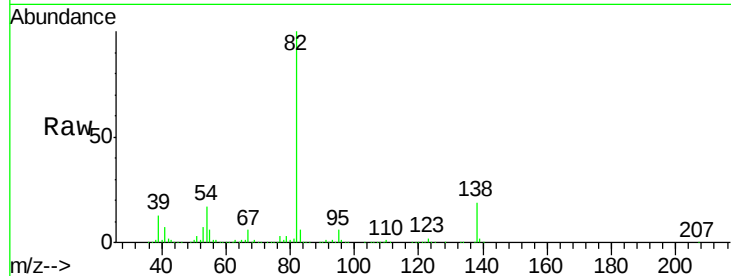
Tot Ion: 82 Resp: 1642891

Ion Ratio Lower Upper

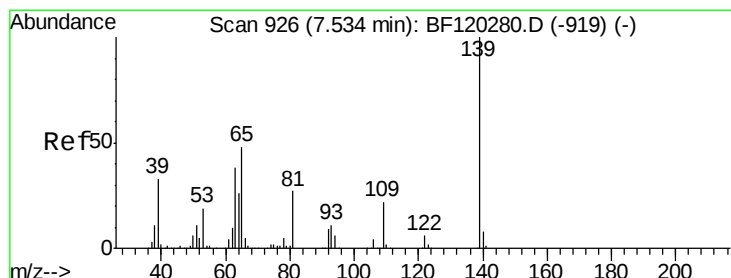
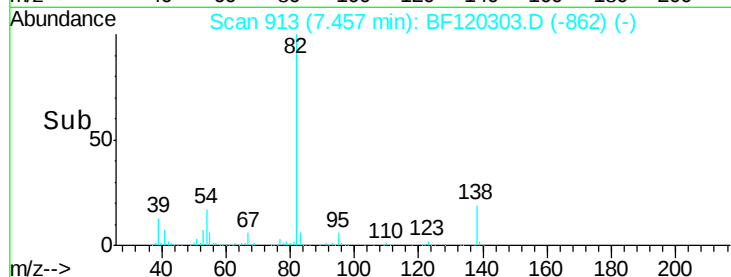
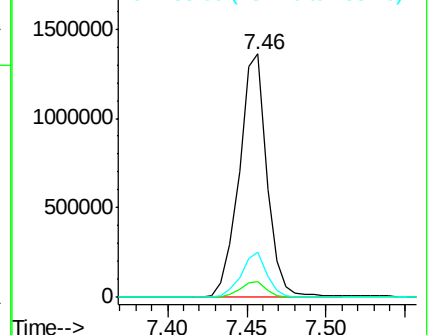
82 100

95 6.5 5.4 8.0

138 18.7 14.7 22.1



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



#26

2-Nitrophenol

Concen: 37.411 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

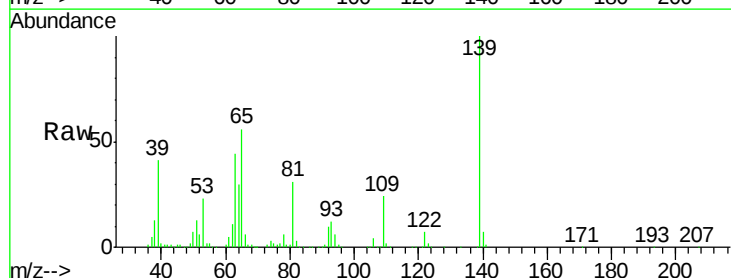
Tgt Ion: 139 Resp: 476660

Ion Ratio Lower Upper

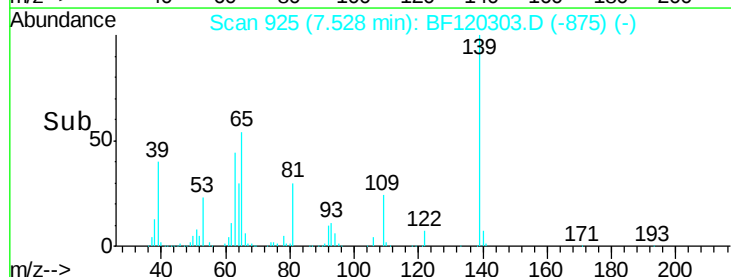
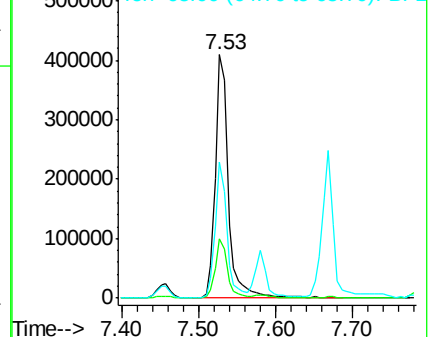
139 100

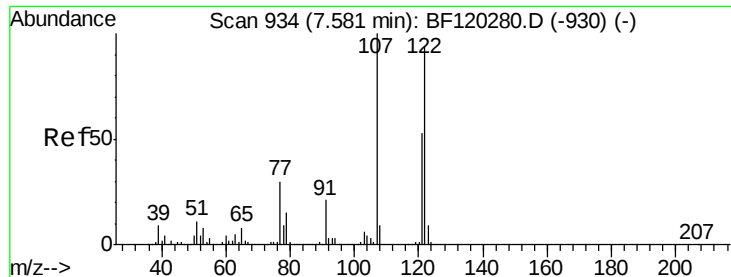
109 24.4 17.7 26.5

65 55.9 38.3 57.5



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





#27

2,4-Dimethylphenol

Concen: 39.884 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

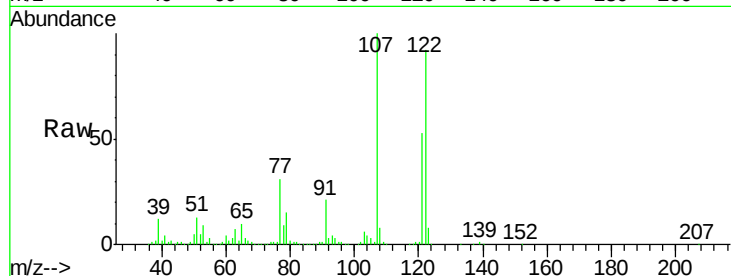
Tot Ion:122 Resp: 739224

Ion Ratio Lower Upper

122 100

107 109.1 85.0 127.6

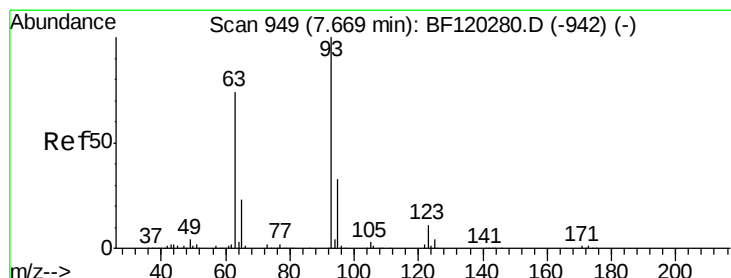
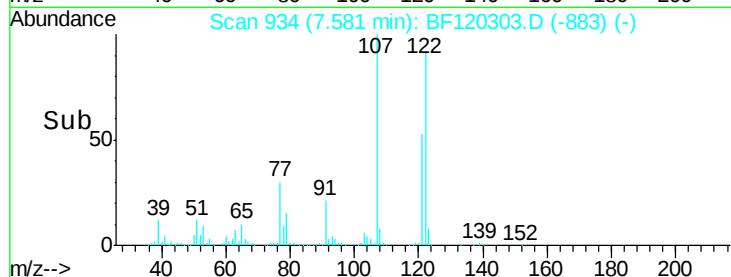
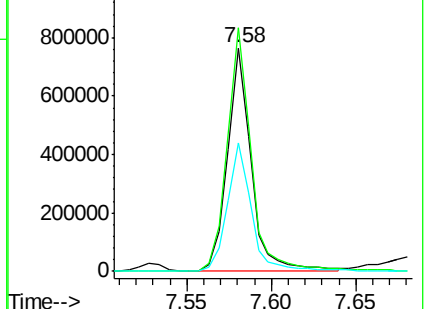
121 57.7 45.1 67.7



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: 36.295 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

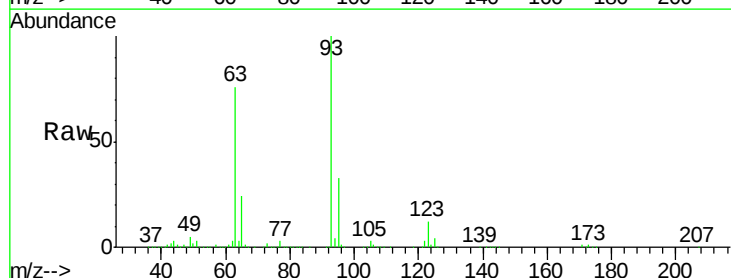
Tgt Ion: 93 Resp: 1074486

Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

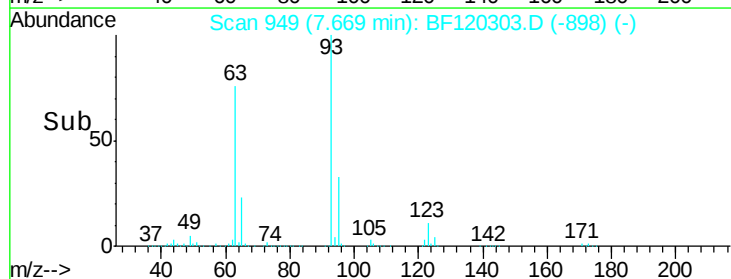
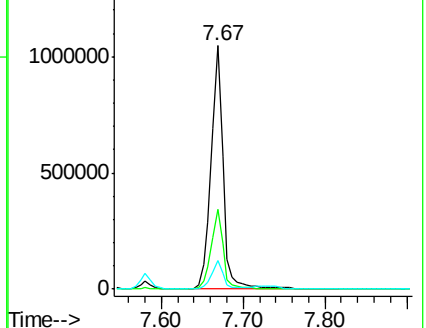
123 11.5 9.2 13.8

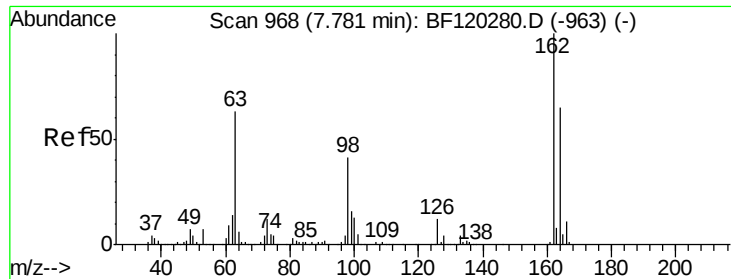


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

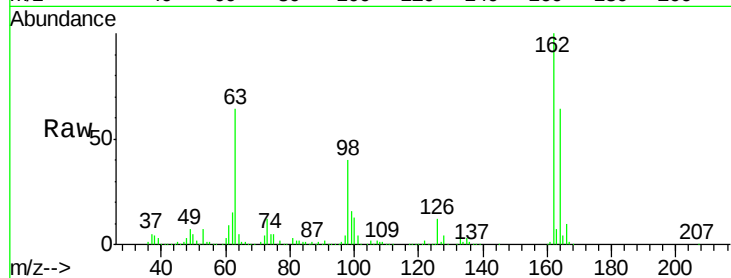




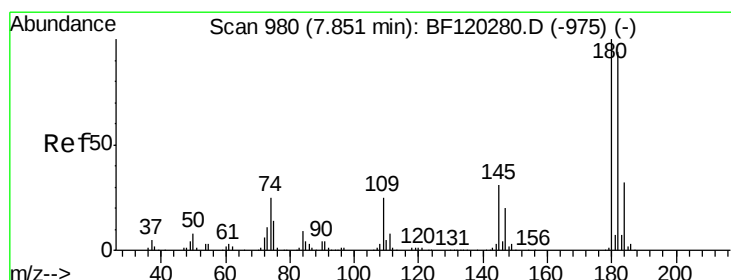
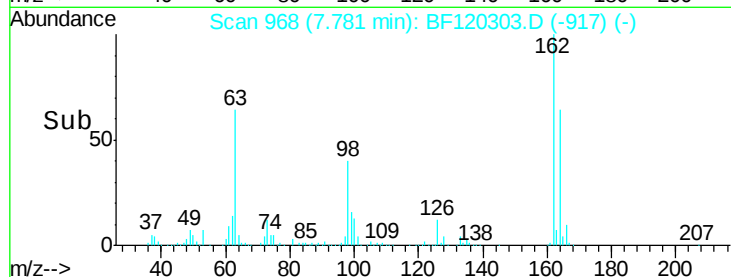
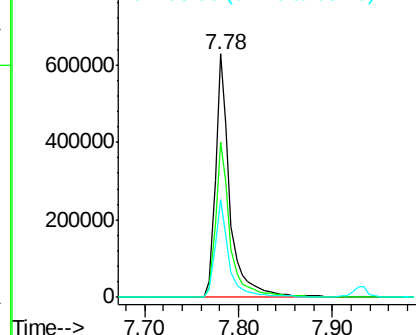
#29
2,4-Dichlorophenol
Concen: 35.998 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.9	84.9
98	40.0	20.7	60.7

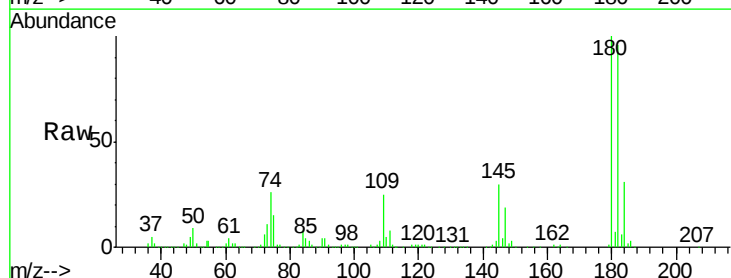


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

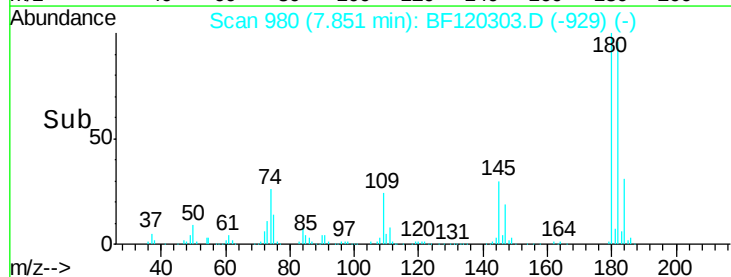
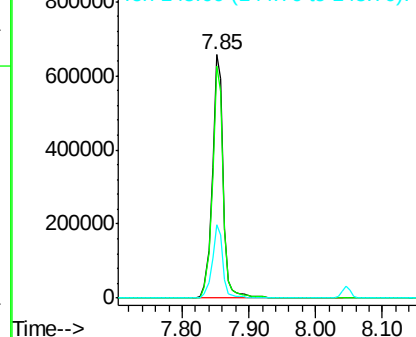


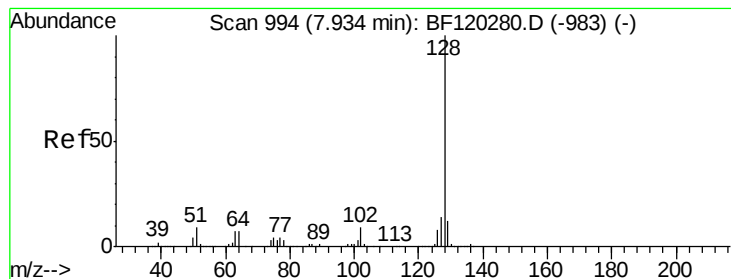
#30
1,2,4-Trichlorobenzene
Concen: 35.330 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.3	112.9
145	30.0	24.9	37.3



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





#31

Naphthalene

Concen: 36.517 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

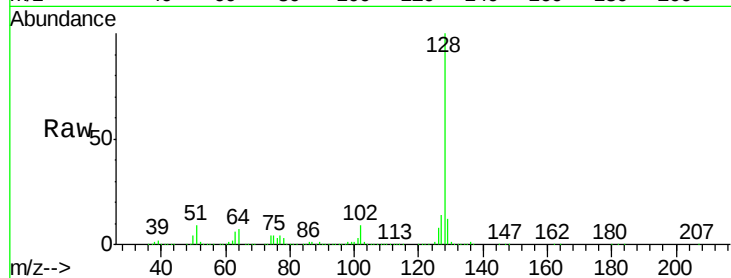
Tot Ion:128 Resp: 2388604

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

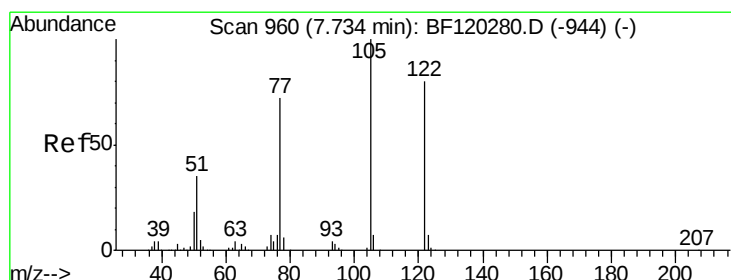
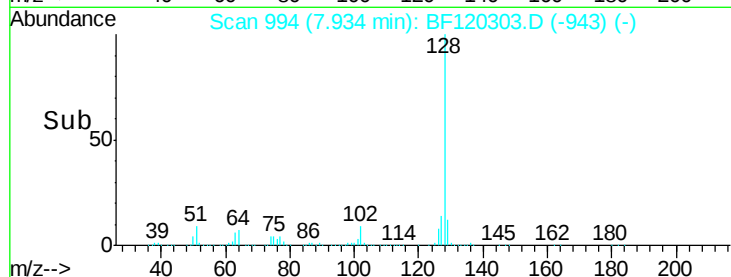
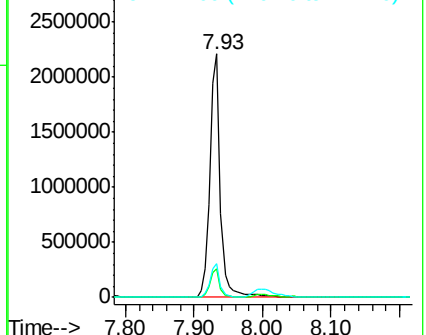
127 13.7 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.808 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

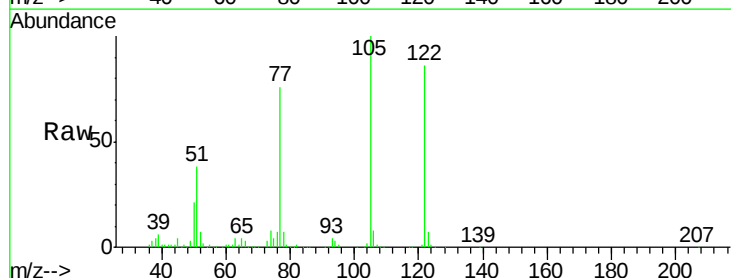
Tgt Ion:122 Resp: 483615

Ion Ratio Lower Upper

122 100

105 116.3 98.1 138.1

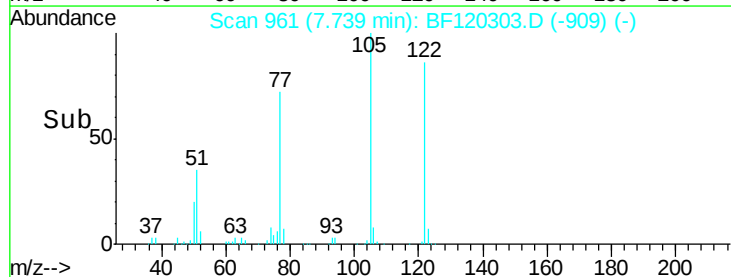
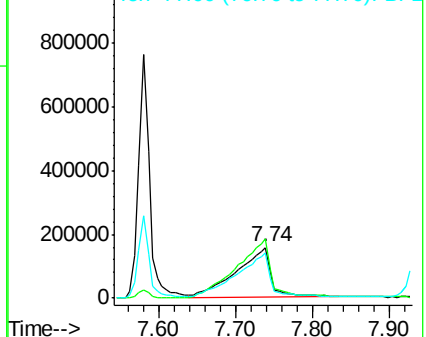
77 88.8 66.7 106.7

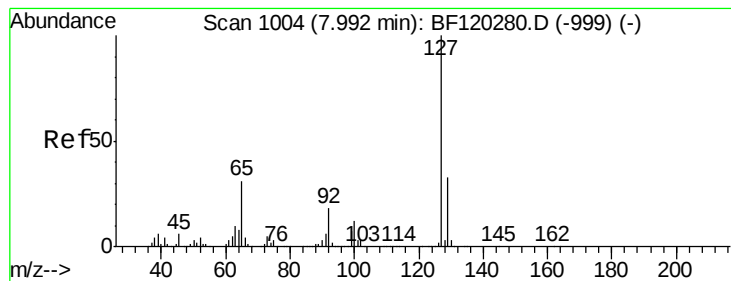


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 6.405 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF120303.D

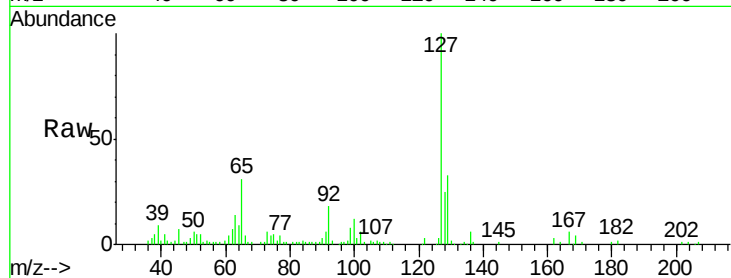
Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	190917
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	30.7	24.8	37.2
92	18.3	14.5	21.7

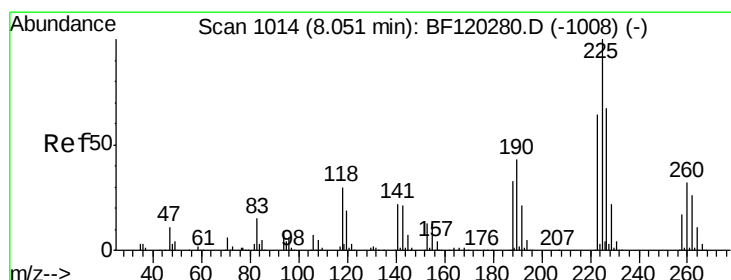
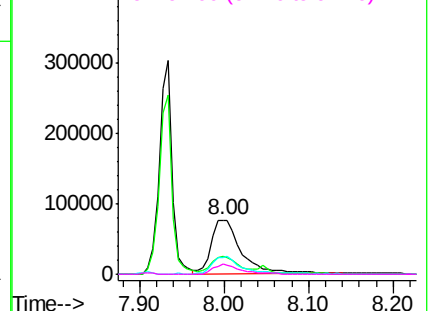
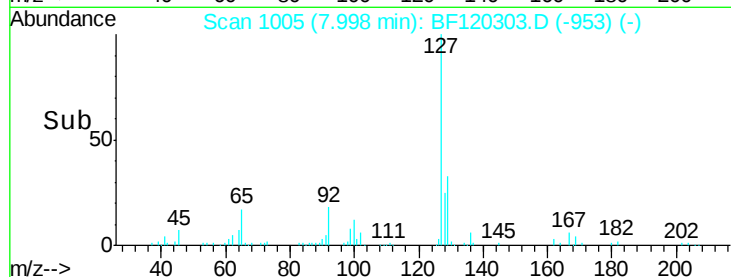


Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.699 ng

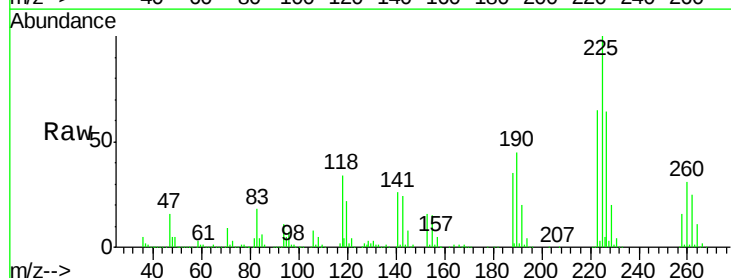
RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

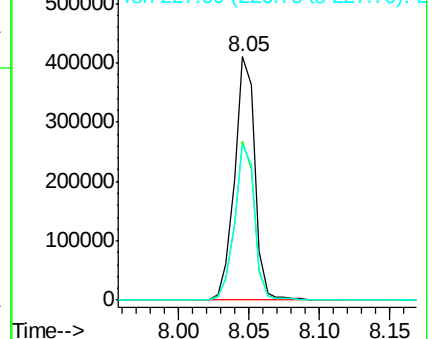
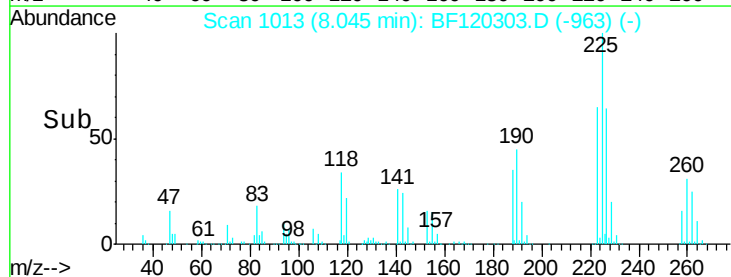
Tgt Ion:	225	Resp:	410879
Ion	Ratio	Lower	Upper
225	100		
223	65.5	51.4	77.0
227	63.6	54.0	81.0

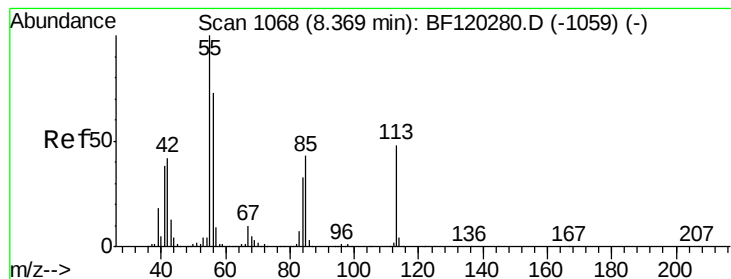


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.922 ng

RT: 8.37 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampled :

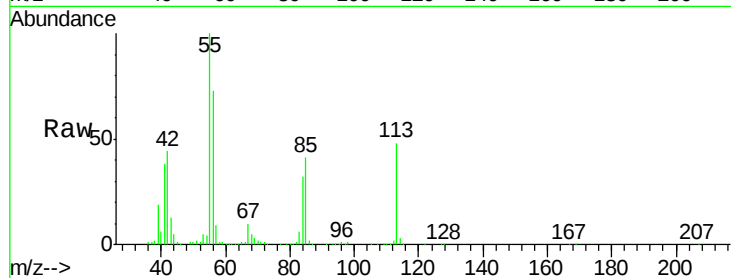
Tot Ion:113 Resp: 148973

Ion Ratio Lower Upper

113 100

55 208.7 190.4 230.4

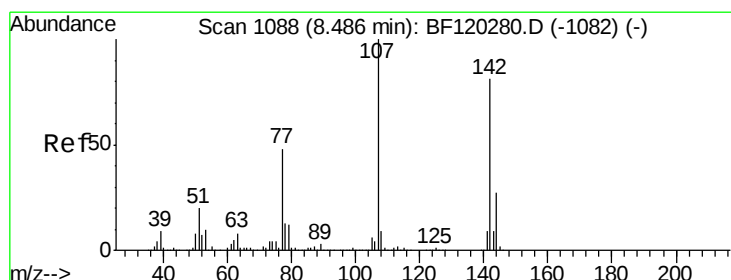
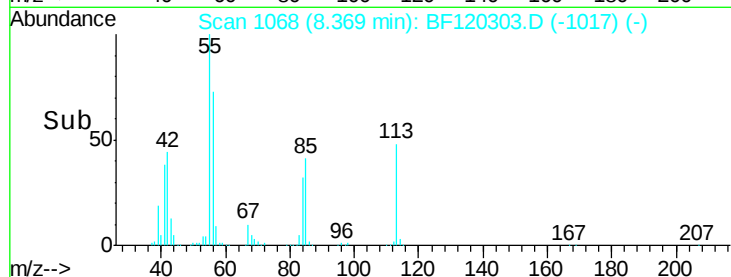
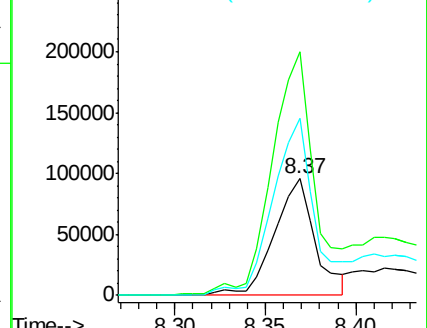
56 151.5 132.7 172.7



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: 35.112 ng

RT: 8.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

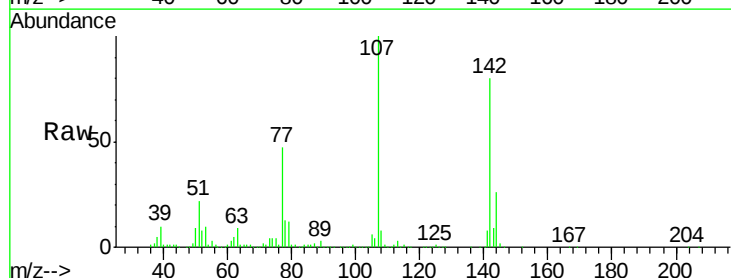
Tgt Ion:107 Resp: 723048

Ion Ratio Lower Upper

107 100

144 26.2 21.4 32.2

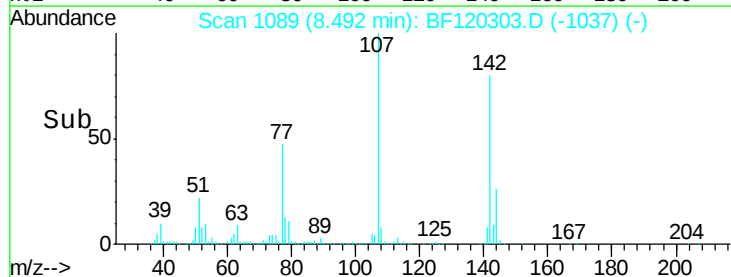
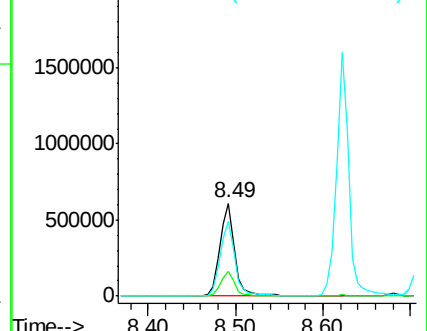
142 80.2 65.1 97.7

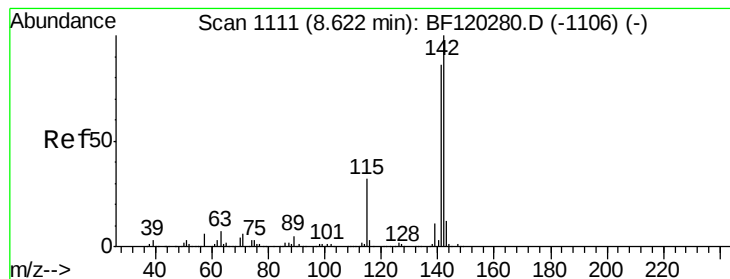


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.963 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

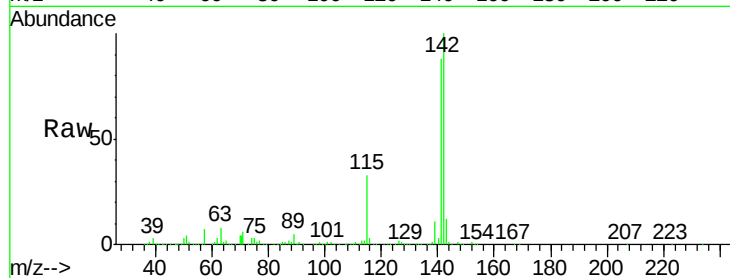
Tot Ion:142 Resp: 1565037

Ion Ratio Lower Upper

142 100

141 87.6 68.8 103.2

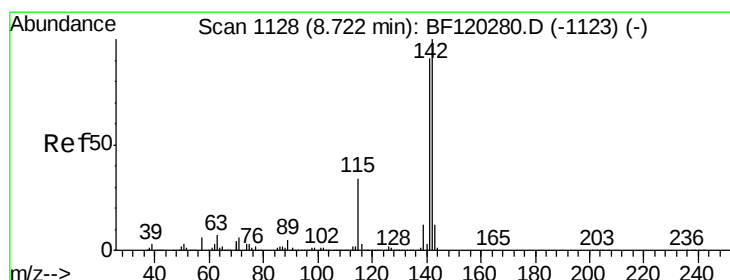
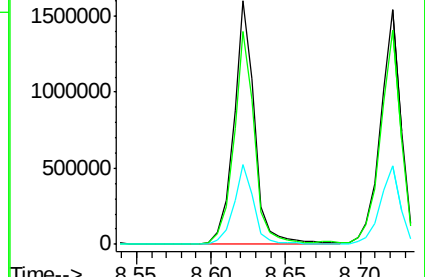
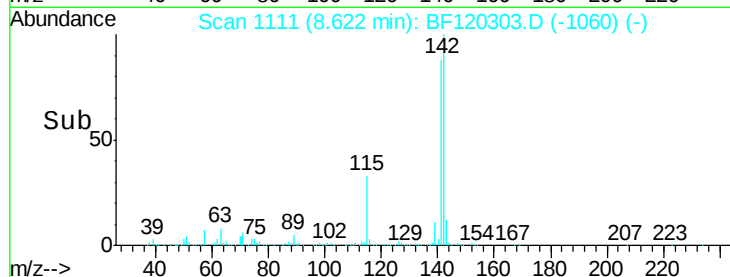
115 32.7 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.643 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

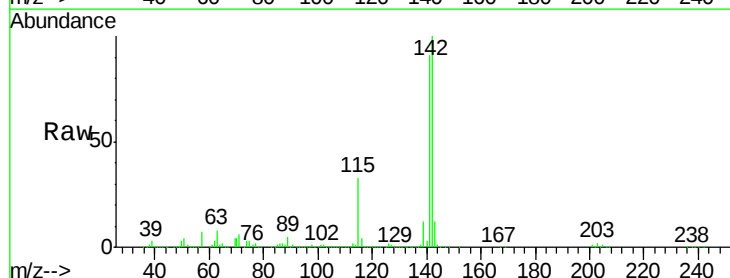
Tgt Ion:142 Resp: 1503981

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.6

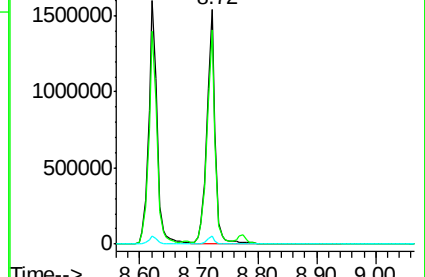
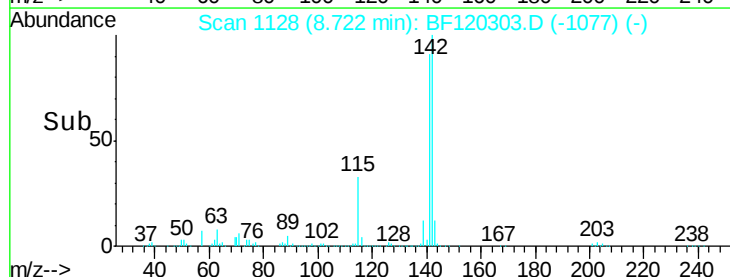
116 3.5 2.7 4.1

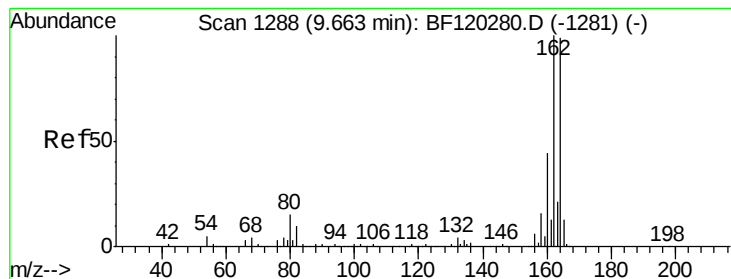


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

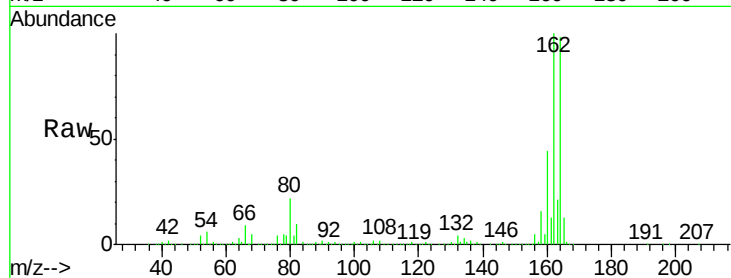
Tot Ion:164 Resp: 758674

Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

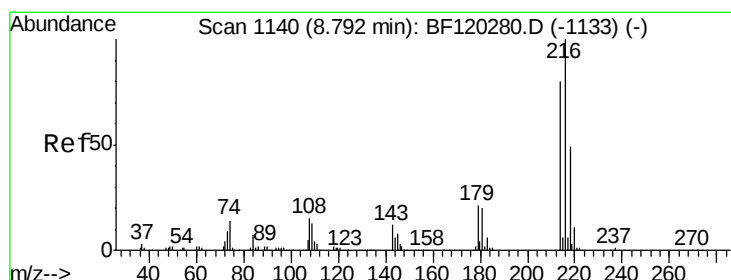
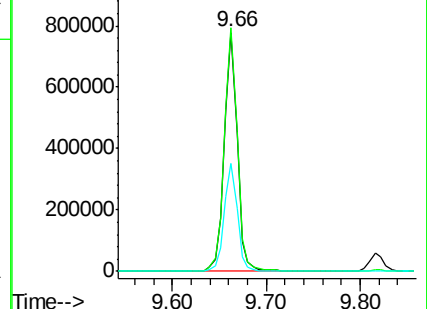
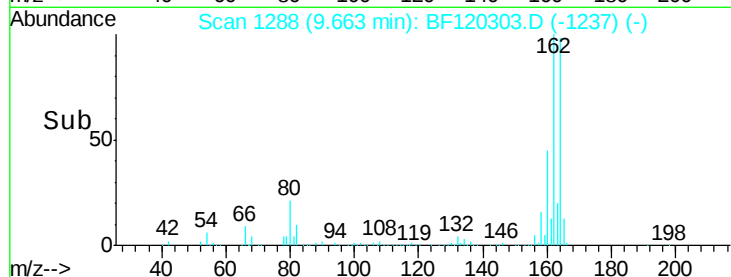
160 45.4 35.8 53.6



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: 37.503 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Tgt Ion:216 Resp: 717447

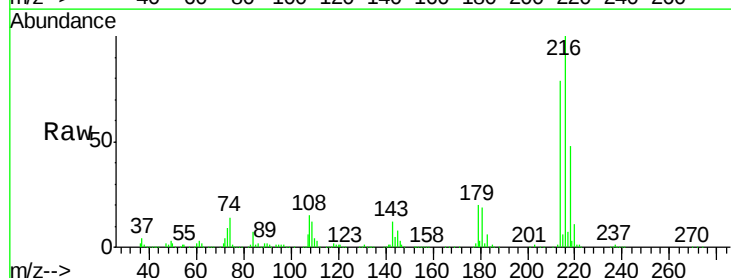
Ion Ratio Lower Upper

216 100

214 79.3 64.0 96.0

179 20.7 16.9 25.3

108 18.0 14.2 21.2

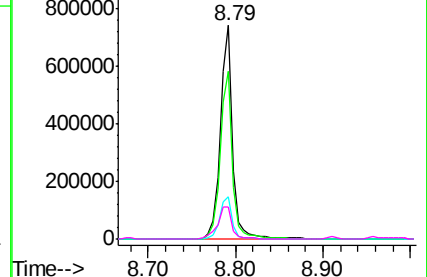
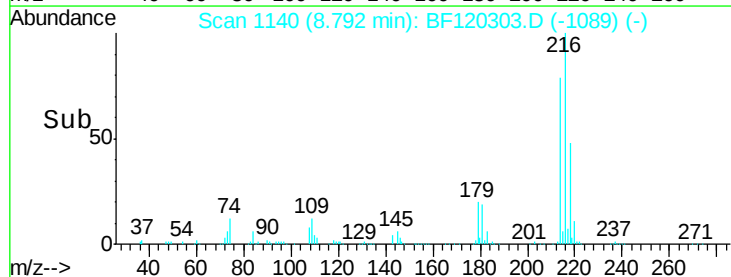


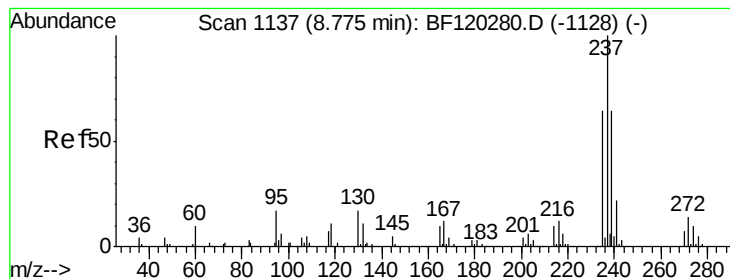
Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.106 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampled :

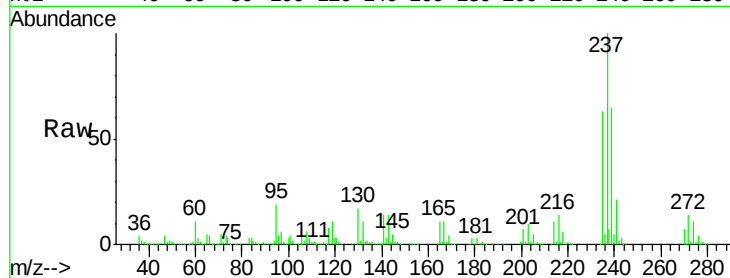
Tot Ion:237 Resp: 391309

Ion Ratio Lower Upper

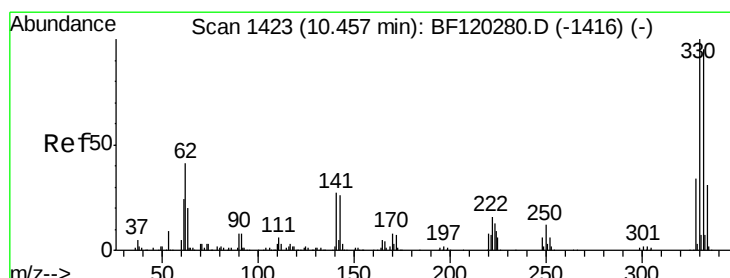
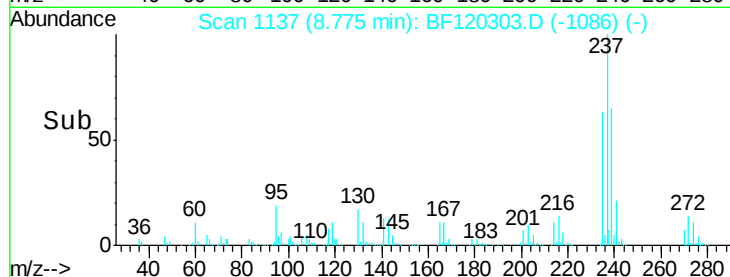
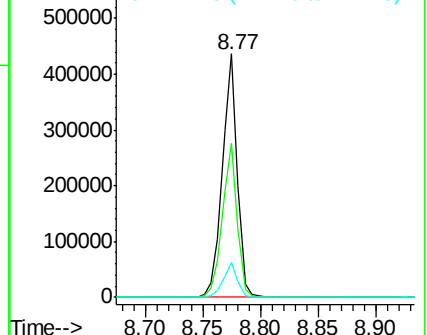
237 100

235 63.2 43.8 83.8

272 14.2 0.0 33.9



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: 96.524 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

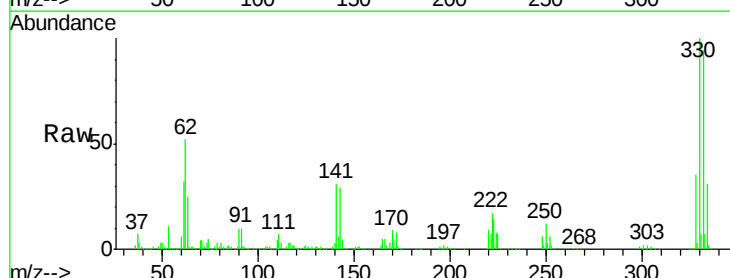
Tgt Ion:330 Resp: 597081

Ion Ratio Lower Upper

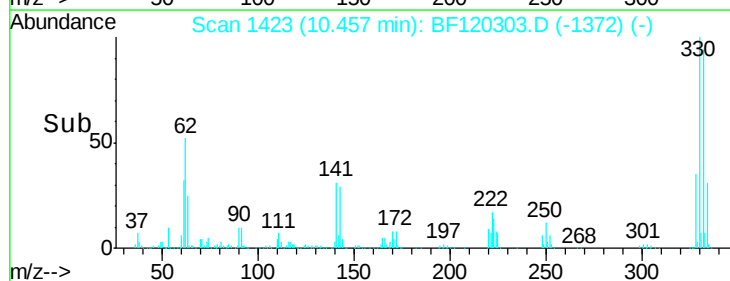
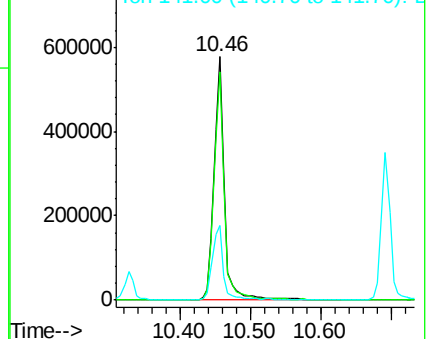
330 100

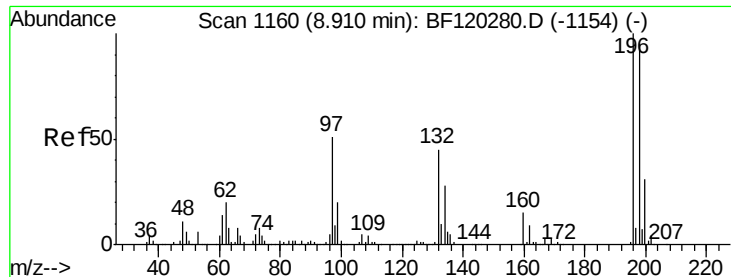
332 93.3 76.5 114.7

141 31.5 25.4 38.0



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

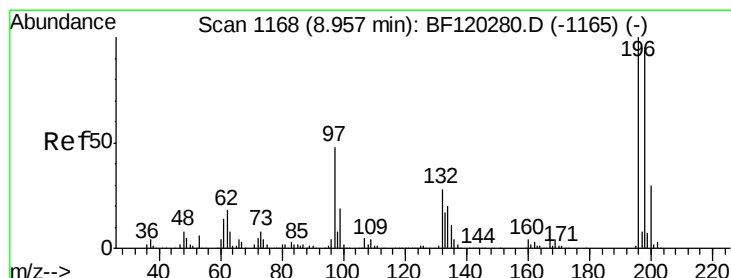
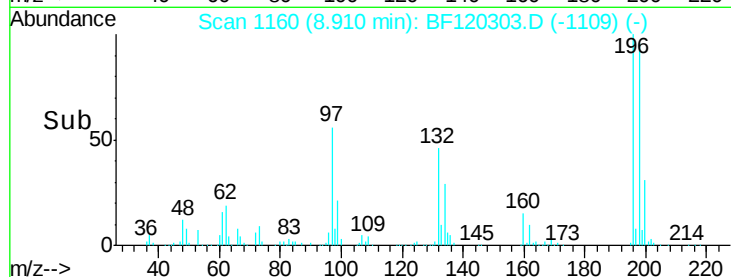
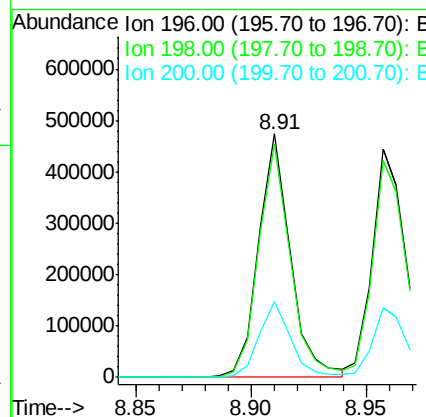
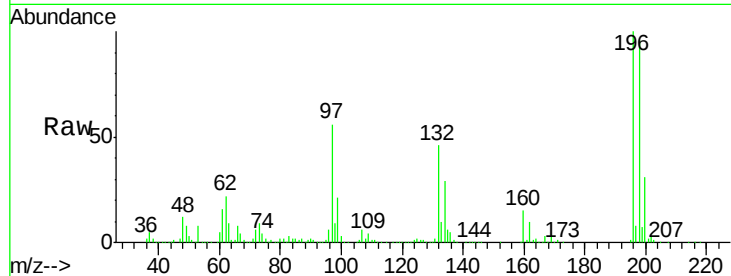




#43
 2,4,6-Trichlorophenol
 Concen: 35.891 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

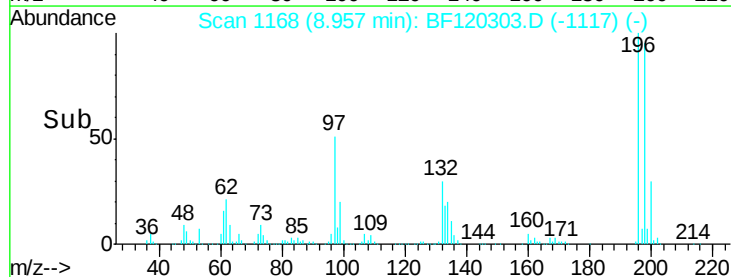
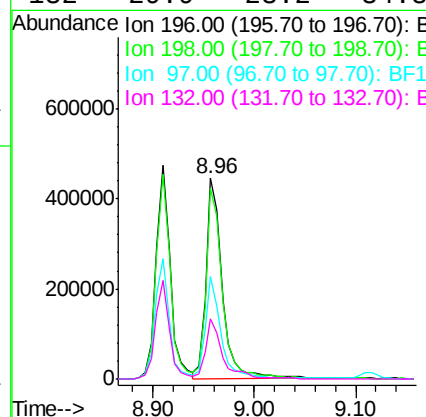
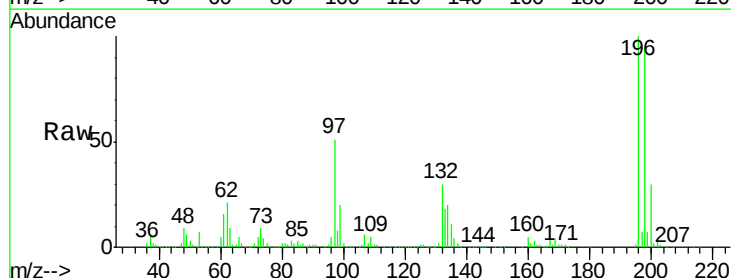
Instrument :
 BNA_F
 ClientSampleId :

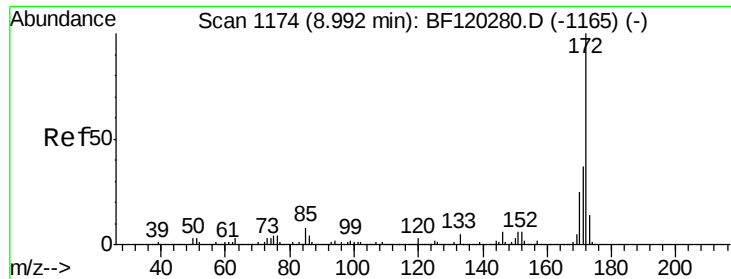
Tot Ion:196 Resp: 460884
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.2 114.4
 200 31.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 33.483 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion:196 Resp: 493777
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.2 114.4
 97 51.2 38.6 57.8
 132 29.9 23.2 34.8

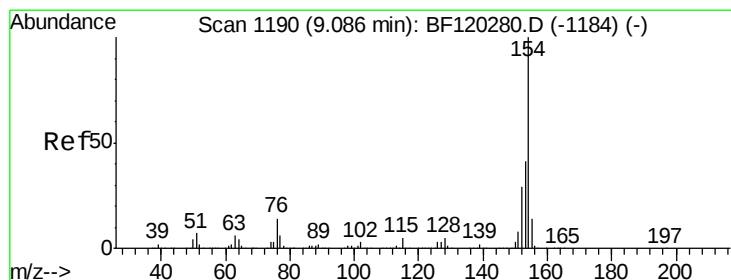
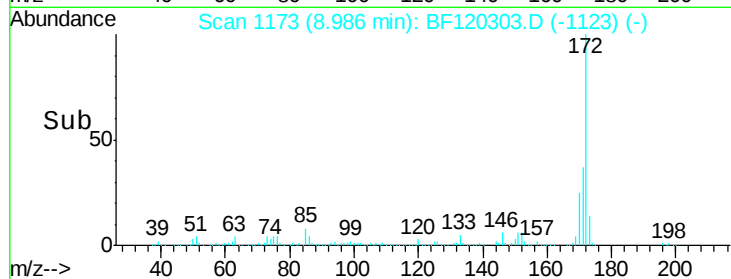
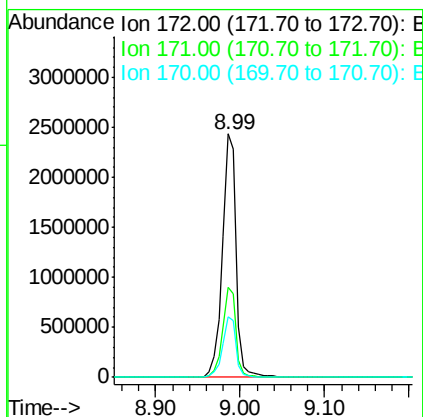
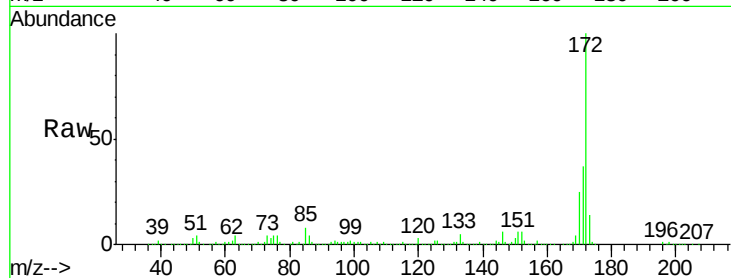




#45
2-Fluorobiphenyl
Concen: 74.821 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

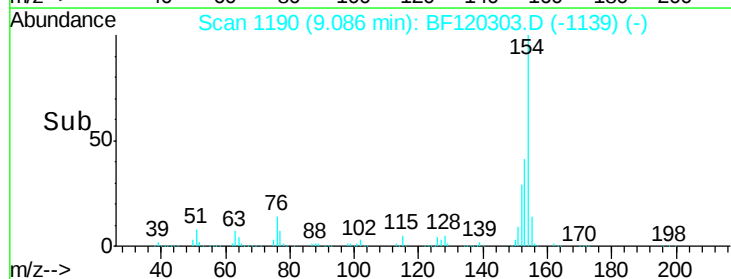
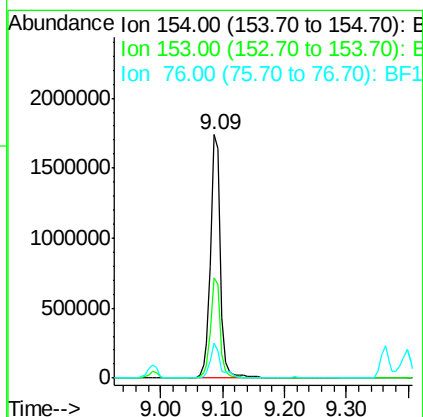
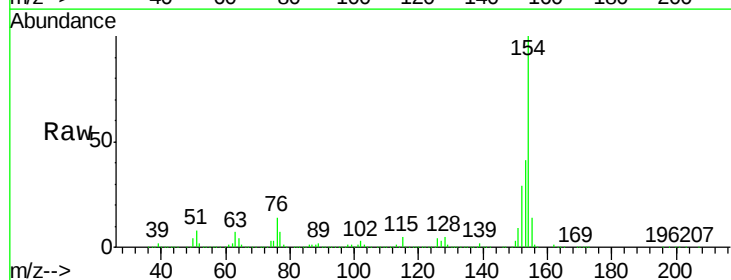
Instrument :
BNA_F
ClientSampleId :

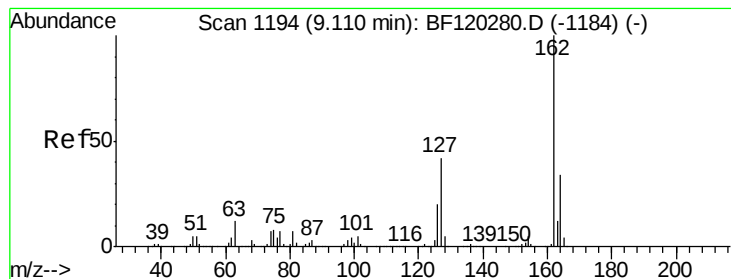
Tot Ion:172 Resp: 2762977
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.8 19.9 29.9



#46
1,1'-Biphenyl
Concen: 37.847 ng
RT: 9.09 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion:154 Resp: 1881344
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 14.3 0.0 34.3

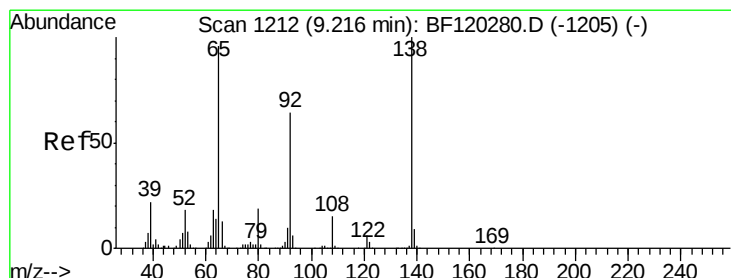
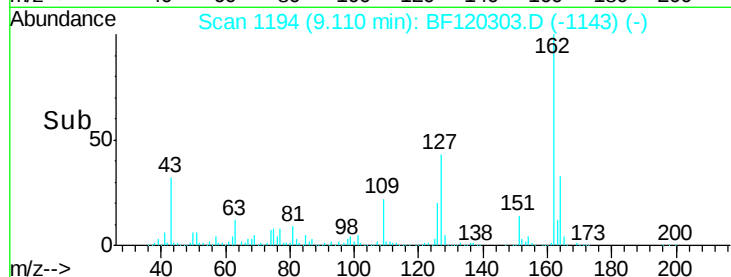
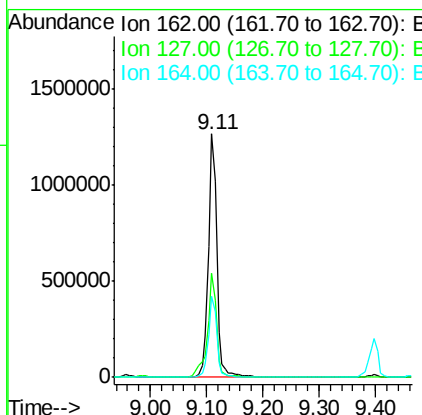
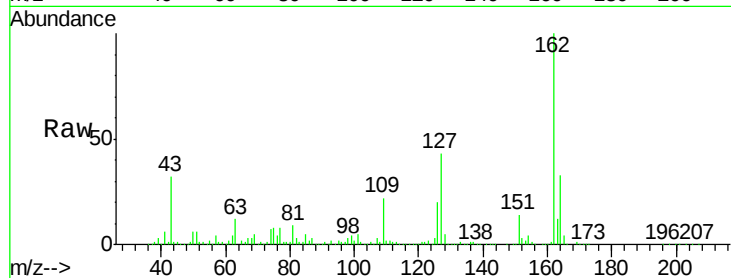




#47
 2-Chloronaphthalene
 Concen: 33.323 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

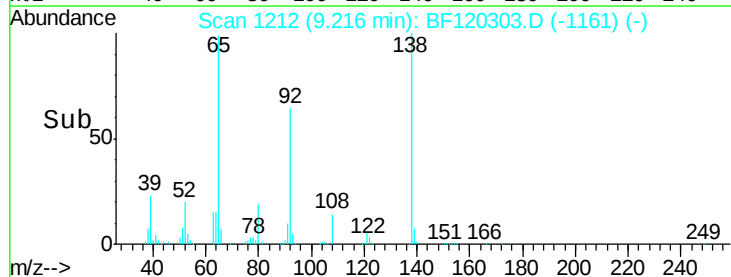
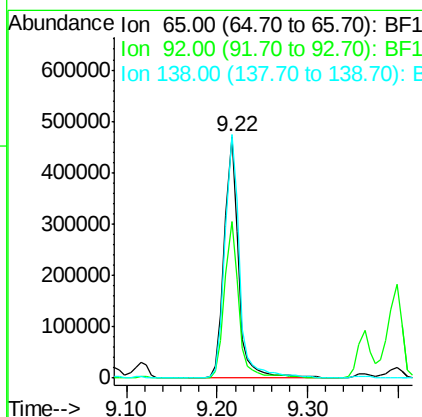
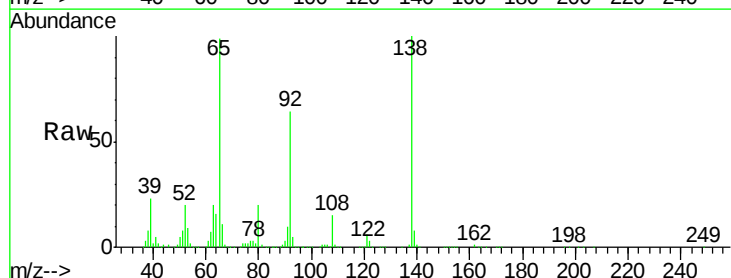
Instrument :
 BNA_F
 ClientSampleId :

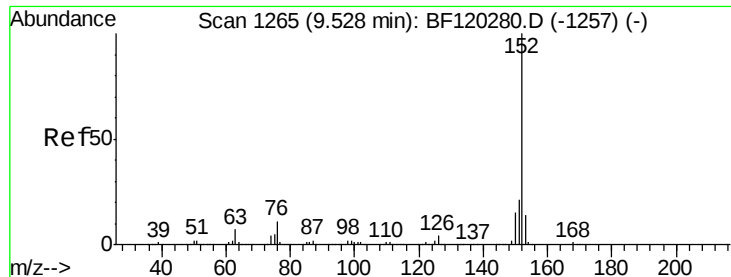
Tot Ion:162 Resp: 1328739
 Ion Ratio Lower Upper
 162 100
 127 43.0 33.4 50.0
 164 33.3 27.0 40.6



#48
 2-Nitroaniline
 Concen: 34.601 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion: 65 Resp: 503396
 Ion Ratio Lower Upper
 65 100
 92 64.9 52.9 79.3
 138 100.8 83.0 124.4





#49

Acenaphthylene

Concen: 35.882 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

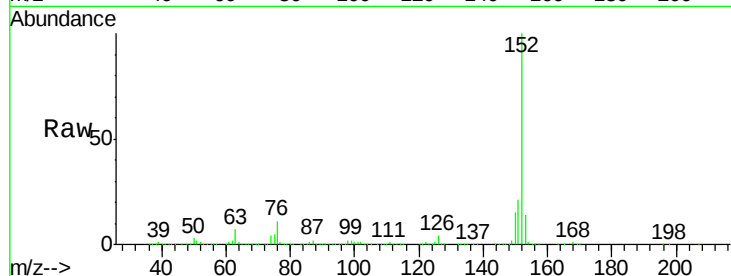
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 2185577

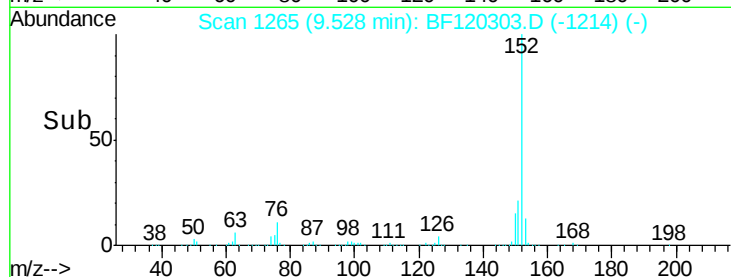
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.5	11.1	16.7



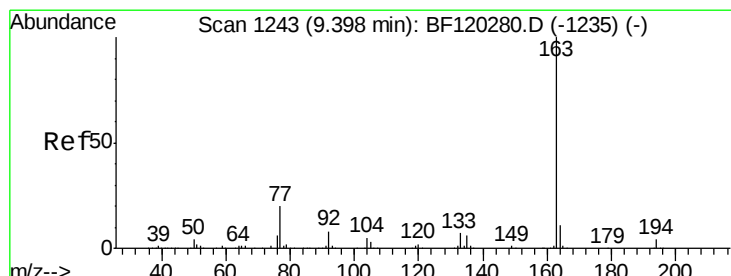
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 9.40 9.50 9.60 9.70



#50

Dimethylphthalate

Concen: 45.816 ng

RT: 9.40 min Scan# 1243

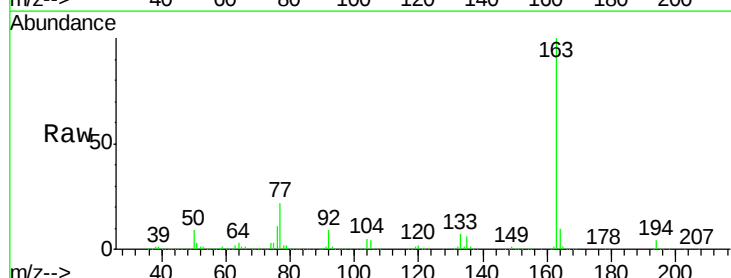
Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Tgt Ion:163 Resp: 2197315

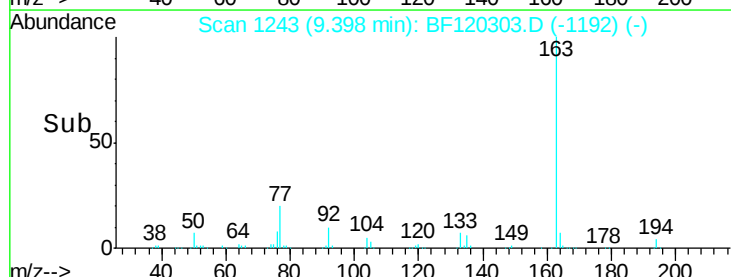
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.5	8.6	12.8



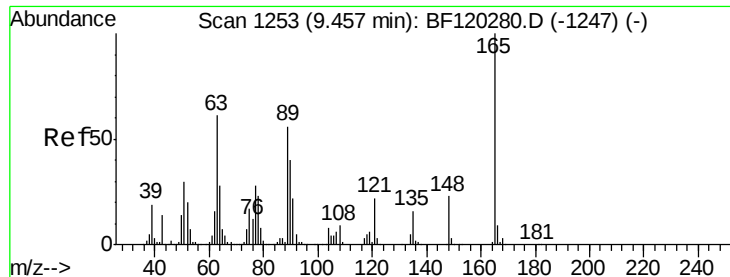
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 9.30 9.40 9.50



#51

2,6-Dinitrotoluene

Concen: 34.773 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampled :

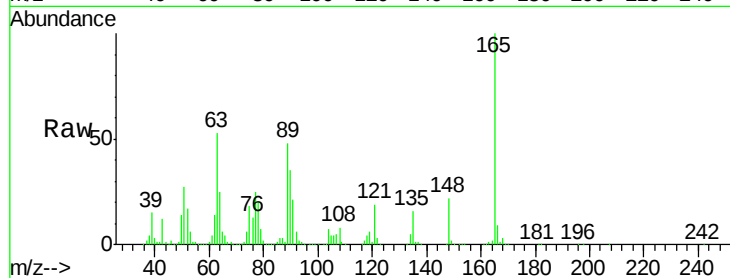
Tot Ion:165 Resp: 372210

Ion Ratio Lower Upper

165 100

63 53.4 50.2 75.2

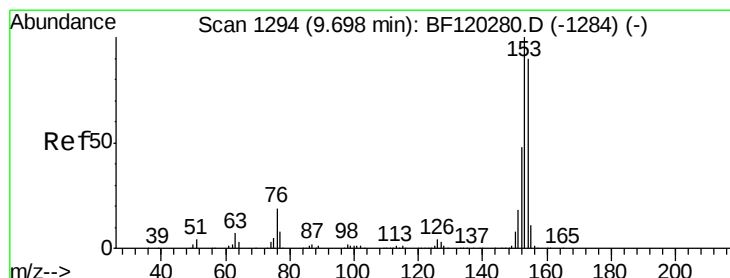
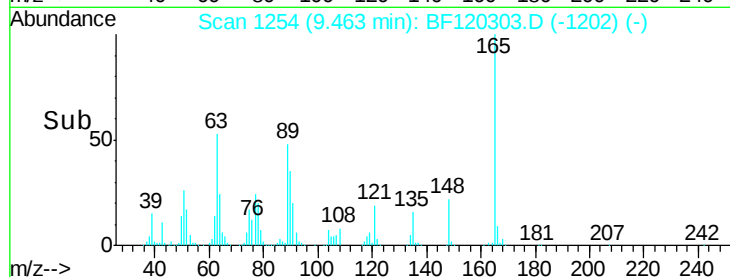
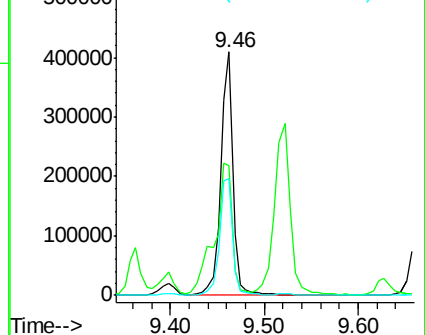
89 47.9 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 35.354 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

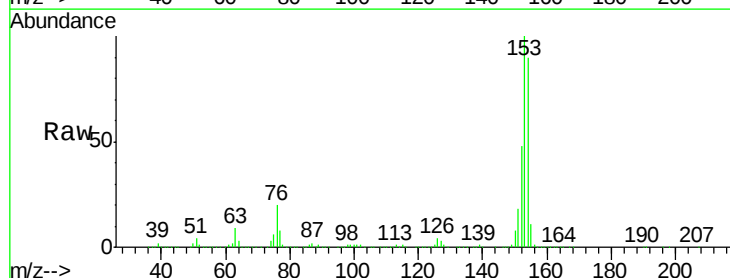
Tgt Ion:154 Resp: 1290751

Ion Ratio Lower Upper

154 100

153 111.3 89.0 133.4

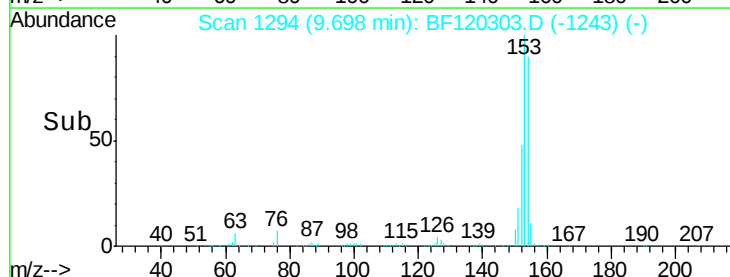
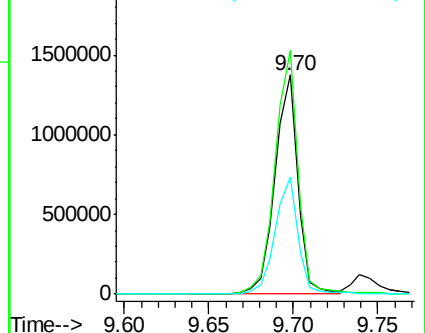
152 53.4 42.6 64.0

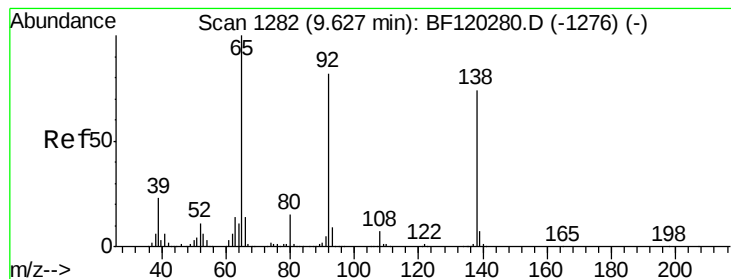


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 13.554 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

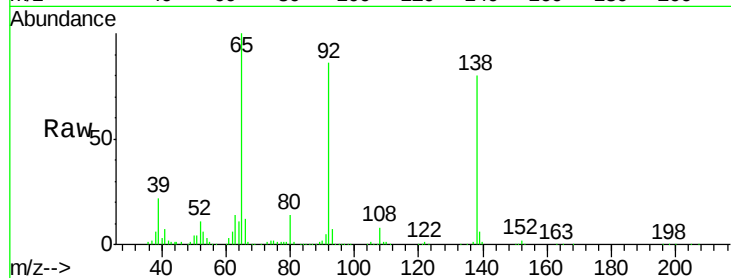
Tot Ion:138 Resp: 173010

Ion Ratio Lower Upper

138 100

108 9.6 8.2 12.2

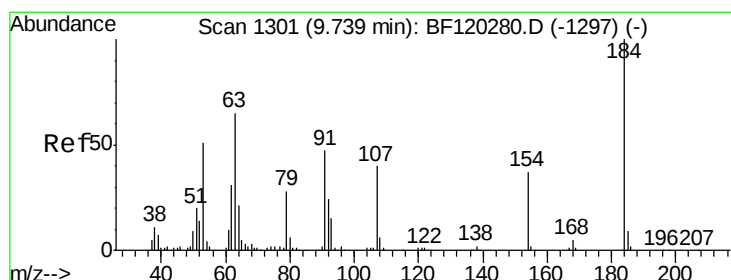
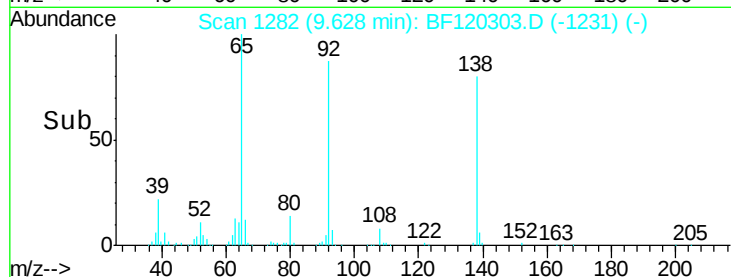
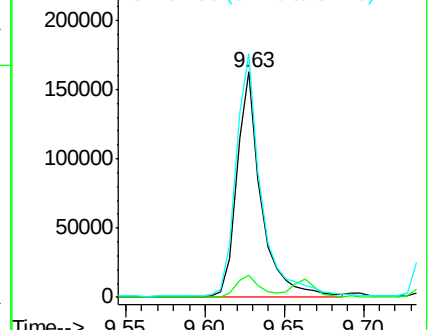
92 108.1 89.6 134.4



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: 48.378 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

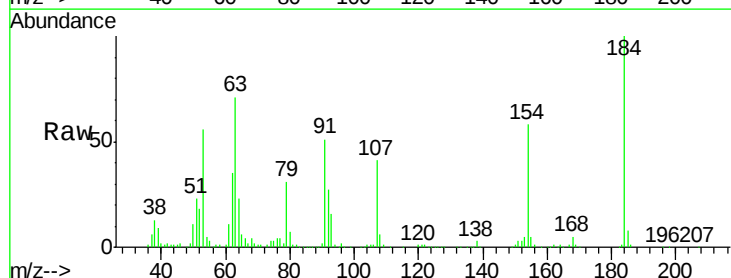
Tgt Ion:184 Resp: 244436

Ion Ratio Lower Upper

184 100

63 71.2 53.6 80.4

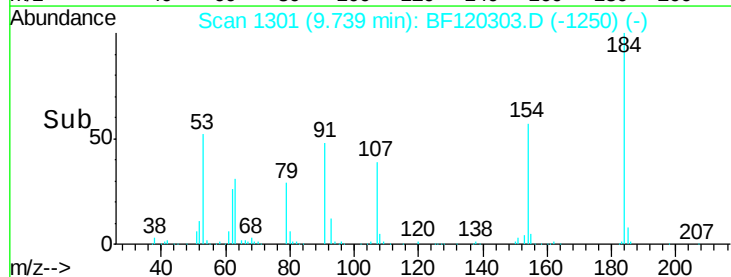
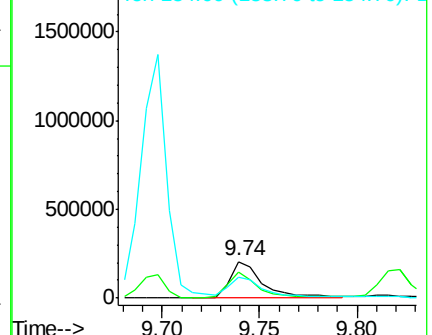
154 57.7 46.8 70.2

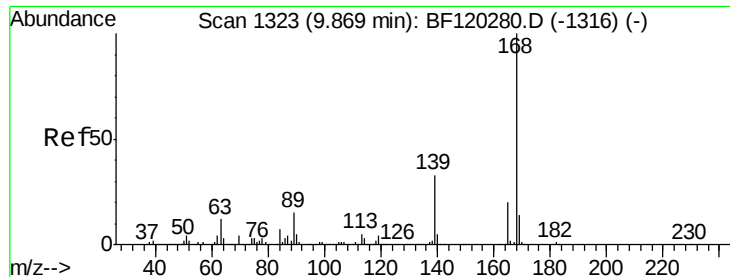


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

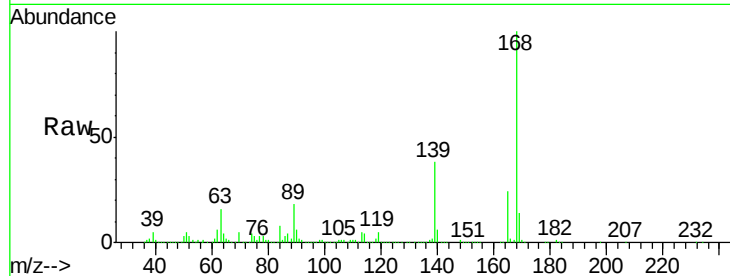




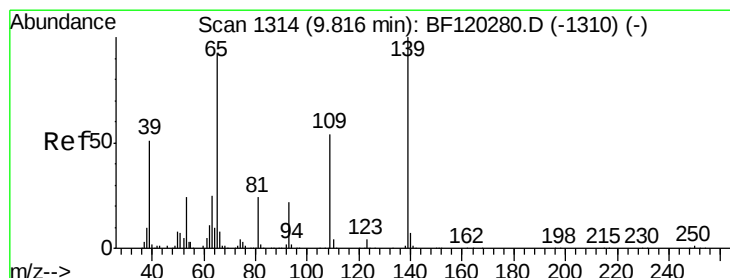
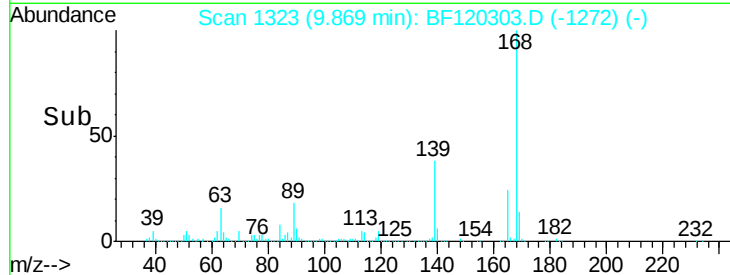
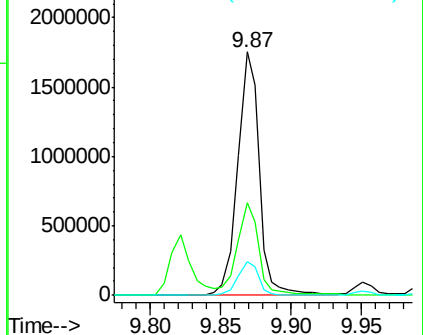
#55
Dibenzenofuran
Concen: 35.539 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1868522
Ion Ratio Lower Upper
168 100
139 38.1 29.8 44.6
169 13.9 11.0 16.6

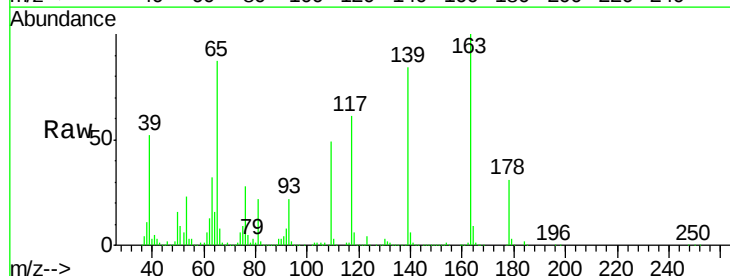


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

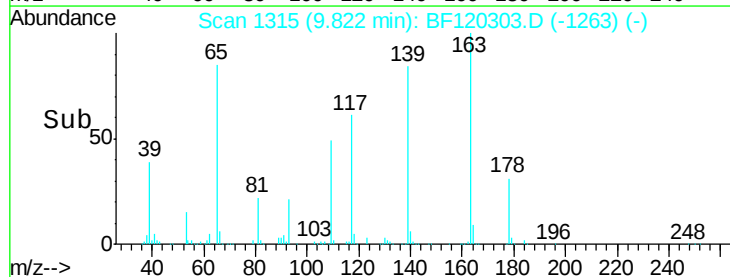
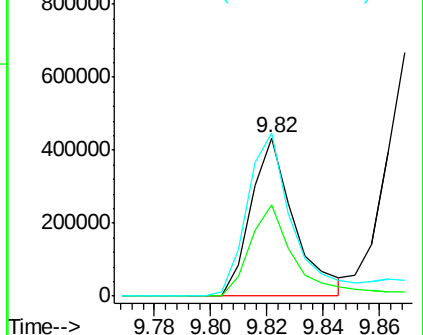


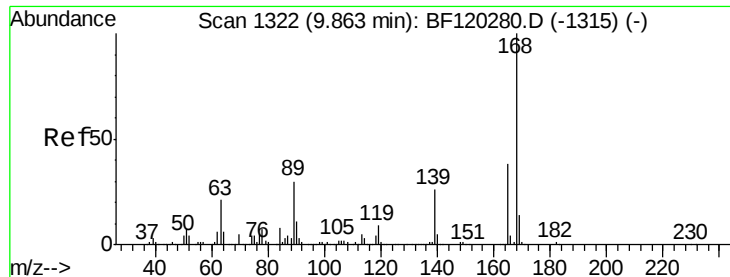
#56
4-Nitrophenol
Concen: 66.940 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion:139 Resp: 459127
Ion Ratio Lower Upper
139 100
109 58.2 34.6 74.6
65 103.4 73.3 113.3



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





#57

2,4-Dinitrotoluene

Concen: 35.114 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 440898

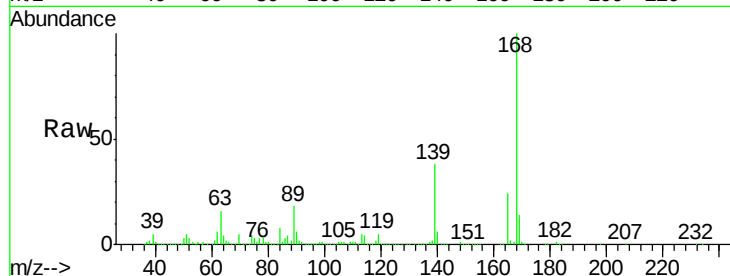
Ion Ratio Lower Upper

165 100

63 66.9 51.8 77.8

89 76.4 64.2 96.4

182 2.3 2.0 3.0

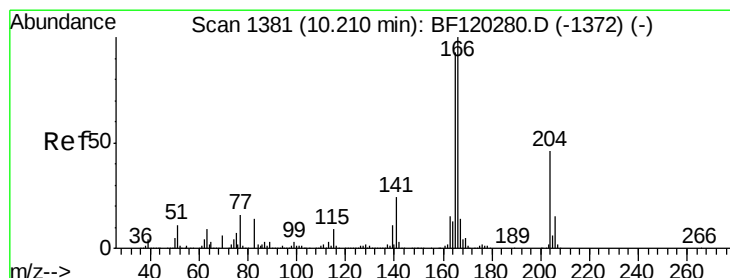
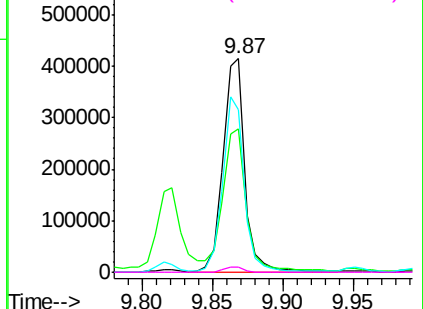
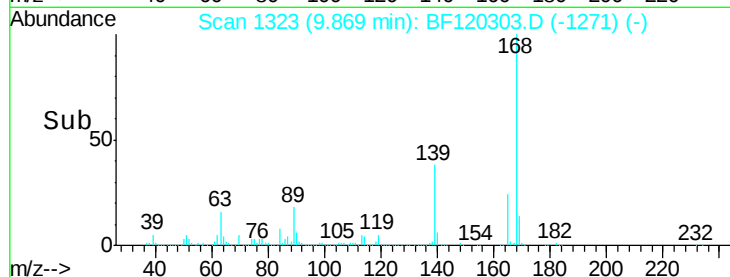


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.048 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

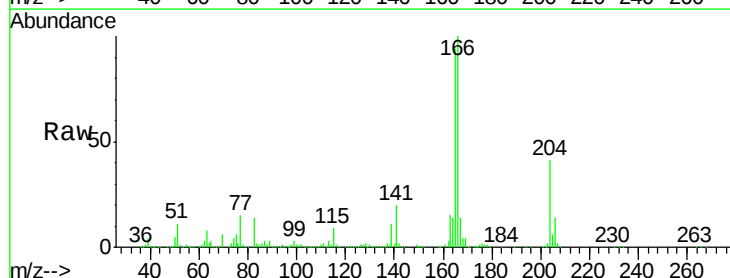
Tgt Ion:166 Resp: 1443390

Ion Ratio Lower Upper

166 100

165 93.5 74.7 112.1

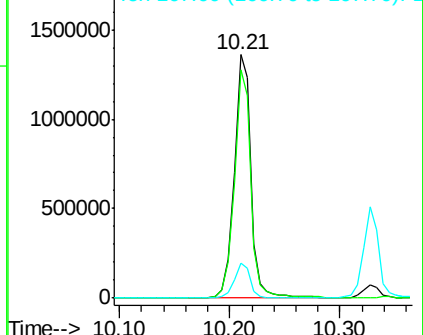
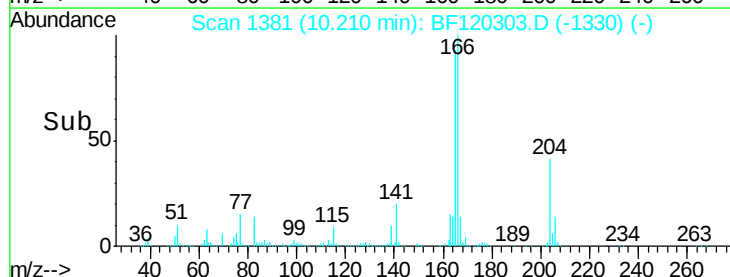
167 14.2 11.4 17.0

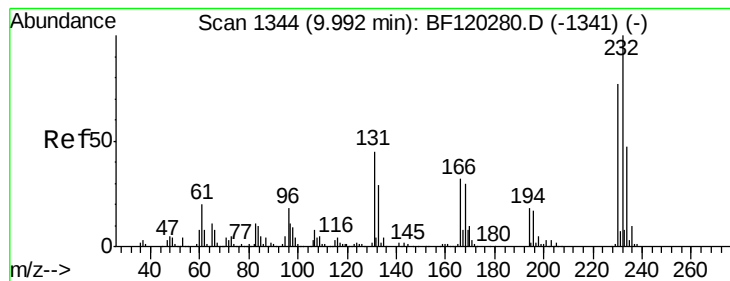


Abundance Ion 166.00 (165.70 to 166.70): E

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: 34.684 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 384927

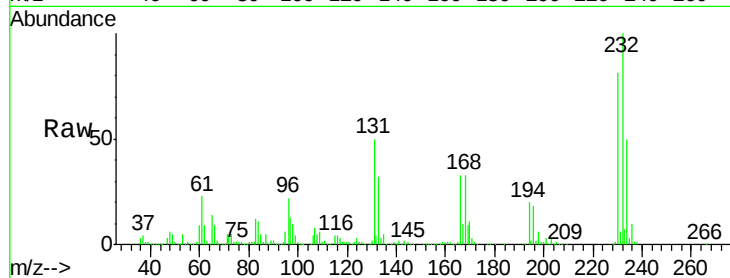
Ion Ratio Lower Upper

232 100

131 45.1 34.1 51.1

130 2.1 1.7 2.5

166 30.3 23.3 34.9

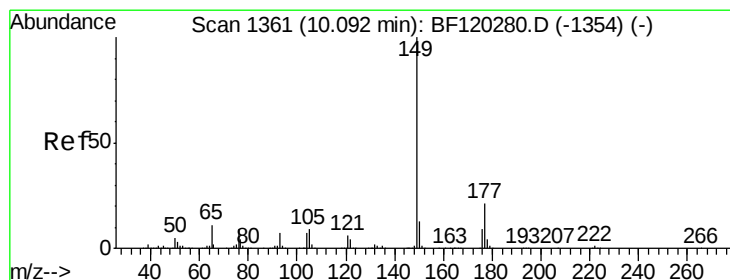
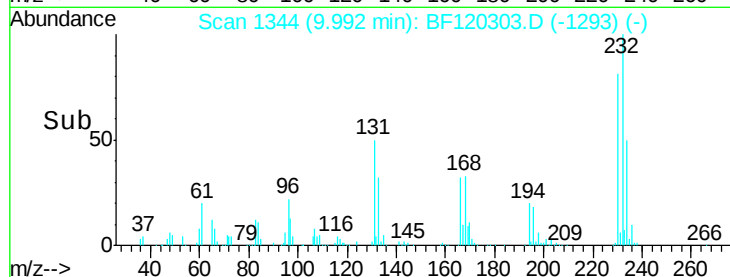
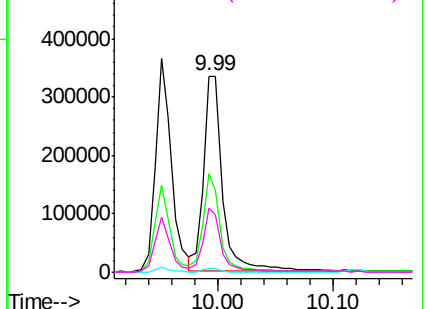


Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.296 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

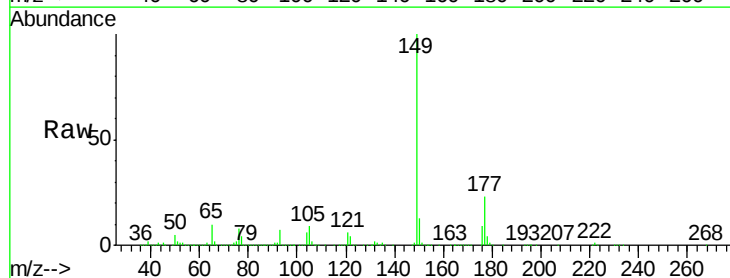
Tgt Ion:149 Resp: 1634251

Ion Ratio Lower Upper

149 100

177 22.5 17.1 25.7

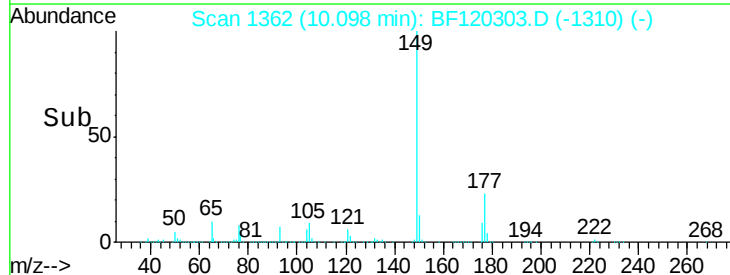
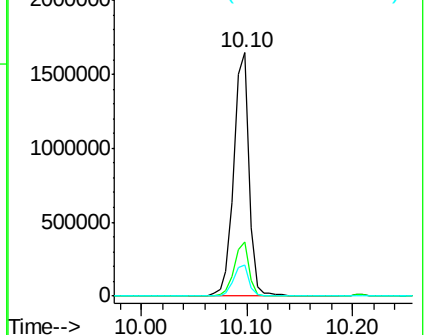
150 12.8 10.3 15.5

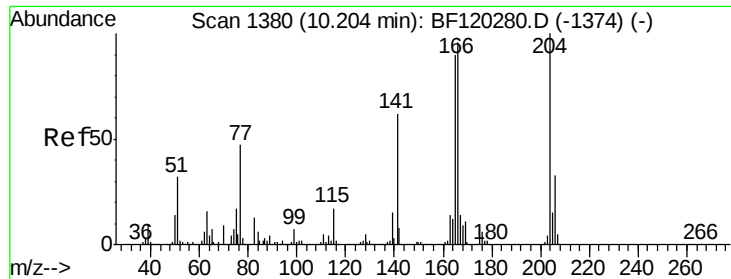


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

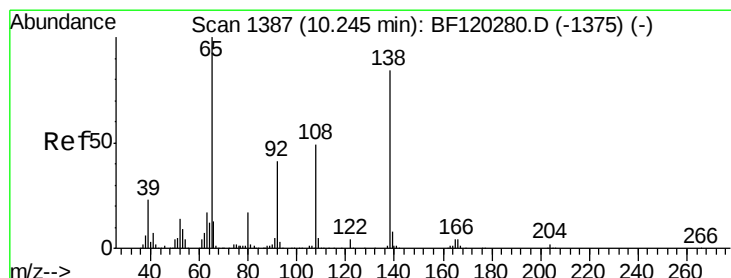
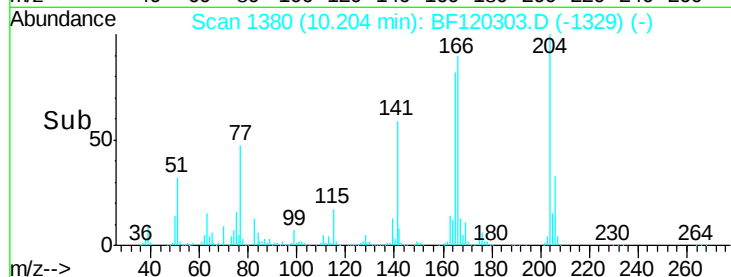
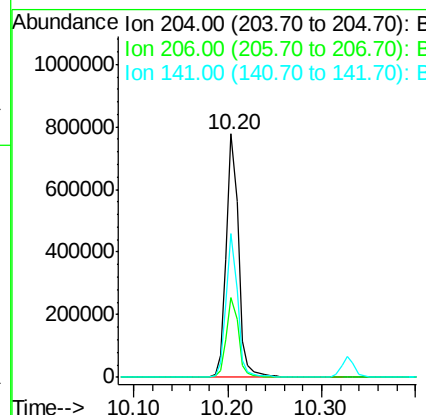
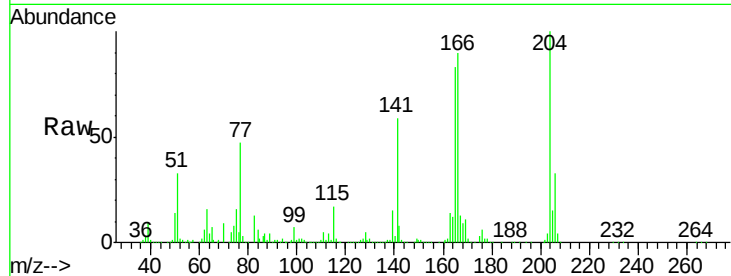




#61
 4-Chlorophenyl-phenylether
 Concen: 34.323 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

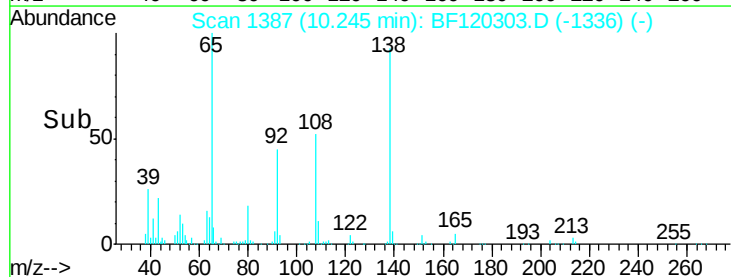
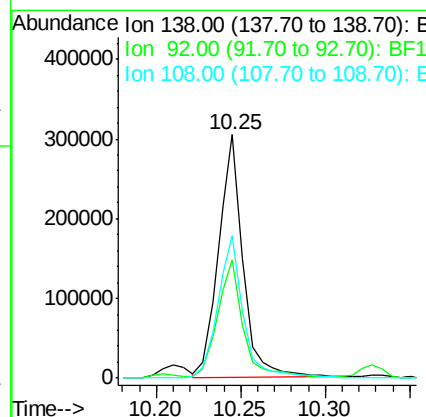
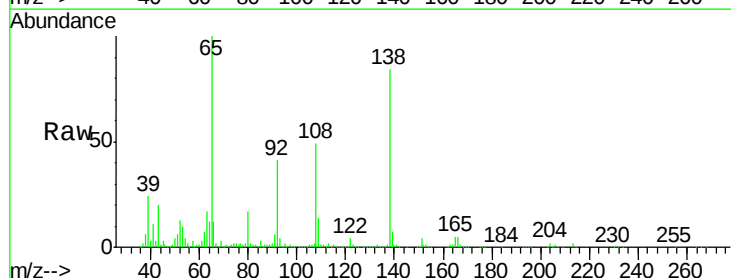
Instrument :
 BNA_F
 ClientSampled :

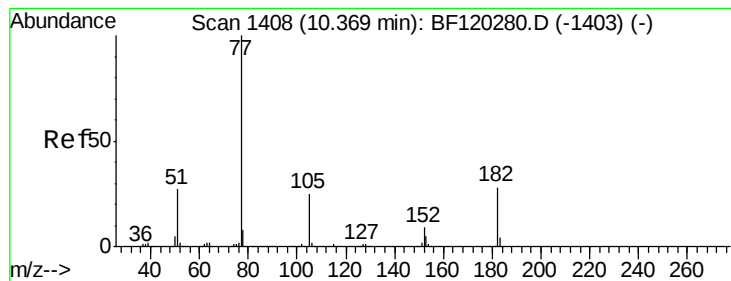
Tot Ion:204 Resp: 714528
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.8 40.2
 141 58.9 49.5 74.3



#62
 4-Nitroaniline
 Concen: 25.939 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF120303.D
 Acq: 14 May 2020 21:01

Tgt Ion:138 Resp: 308317
 Ion Ratio Lower Upper
 138 100
 92 48.8 28.9 68.9
 108 58.3 38.4 78.4





#63

Azobenzene

Concen: 36.199 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

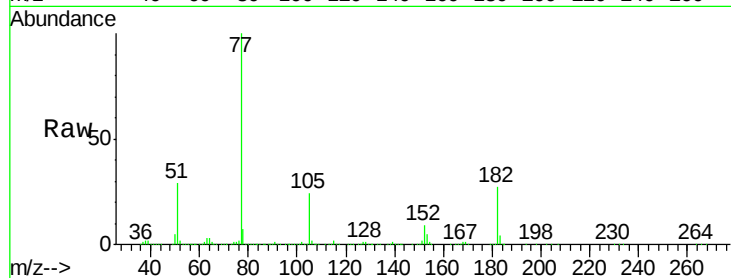
Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampled :



Tot Ion: 77 Resp: 1584047

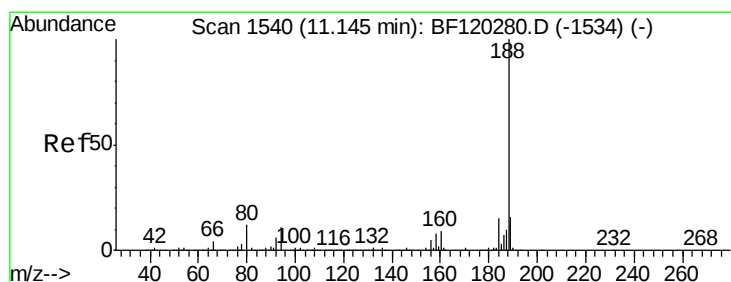
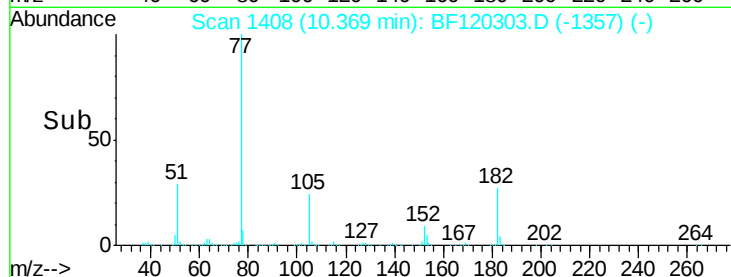
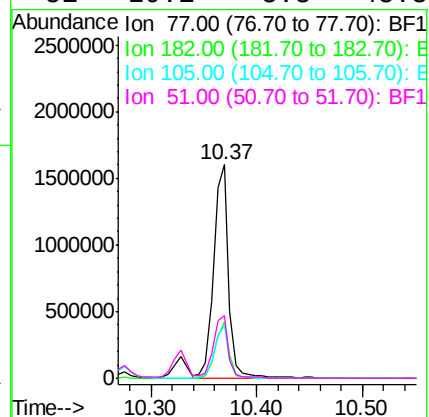
Ion	Ratio	Lower	Upper
77	100		
182	26.5	7.4	47.4
105	24.4	4.4	44.4
51	29.1	8.3	48.3

77 100

182 26.5 7.4 47.4

105 24.4 4.4 44.4

51 29.1 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

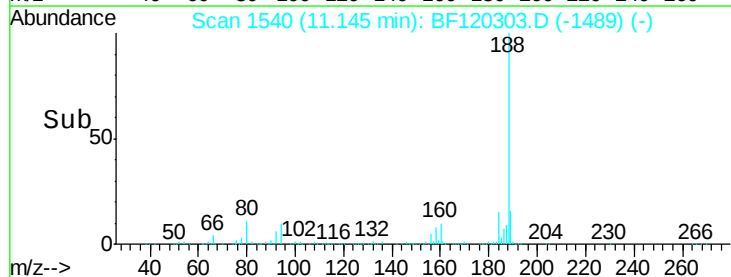
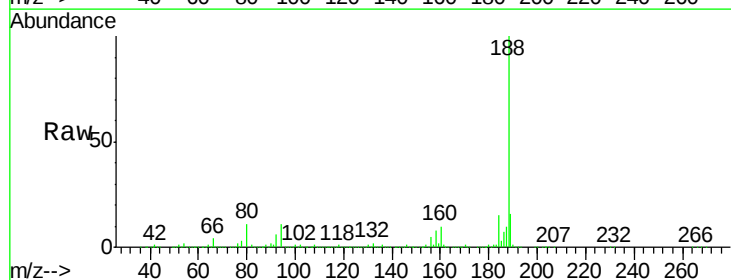
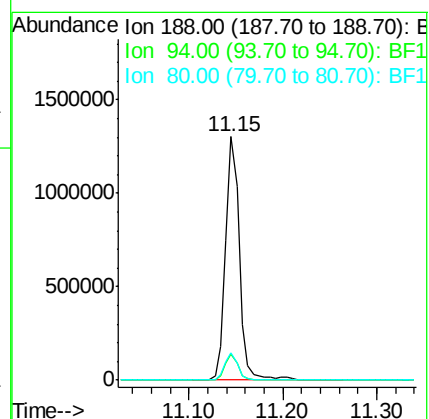
Tgt Ion: 188 Resp: 1347757

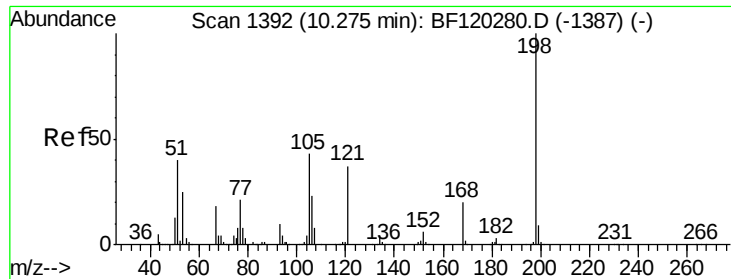
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	11.5	9.2	13.8

188 100

94 10.8 8.6 13.0

80 11.5 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 28.760 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

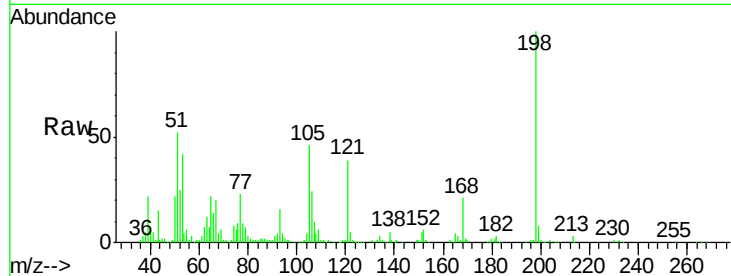
Tot Ion:198 Resp: 196027

Ion	Ratio	Lower	Upper
198	100		
51	51.6	27.1	67.1
105	46.0	24.3	64.3

198 100

51 51.6 27.1 67.1

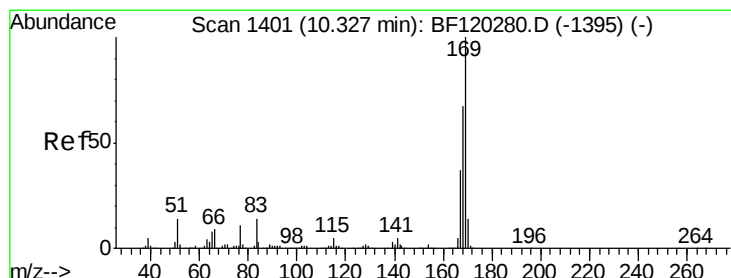
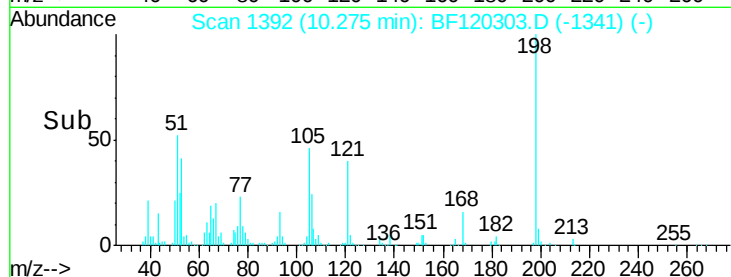
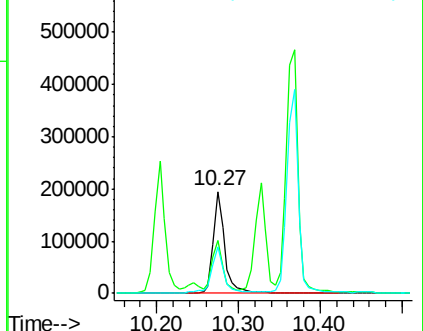
105 46.0 24.3 64.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.278 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

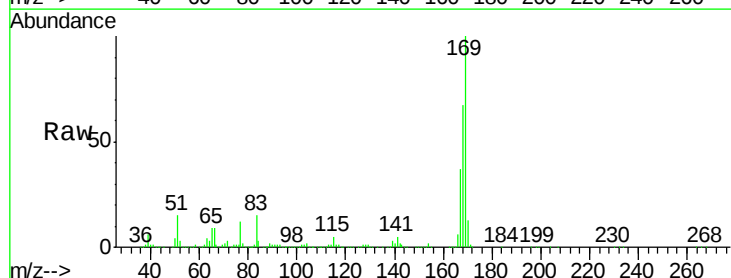
Tgt Ion:169 Resp: 1352688

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.7	80.5
167	37.1	29.8	44.6

169 100

168 67.4 53.7 80.5

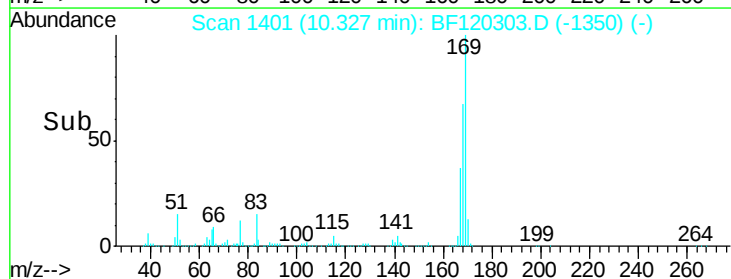
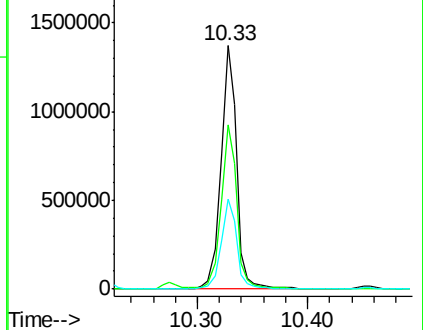
167 37.1 29.8 44.6

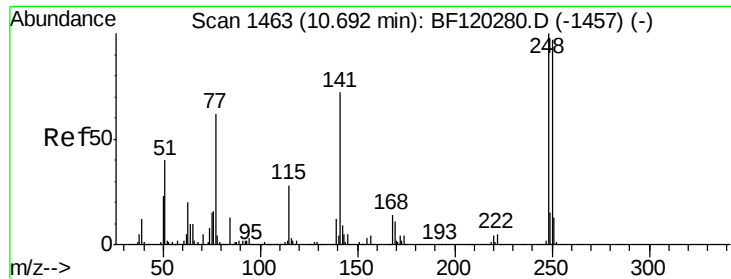


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

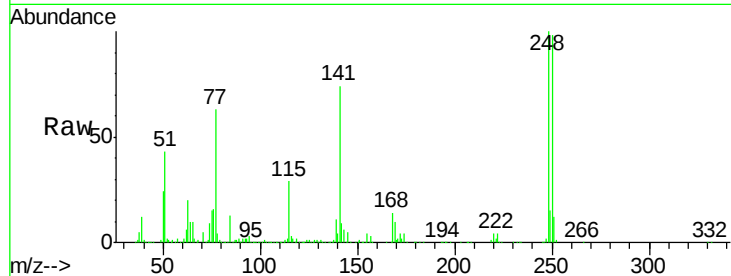




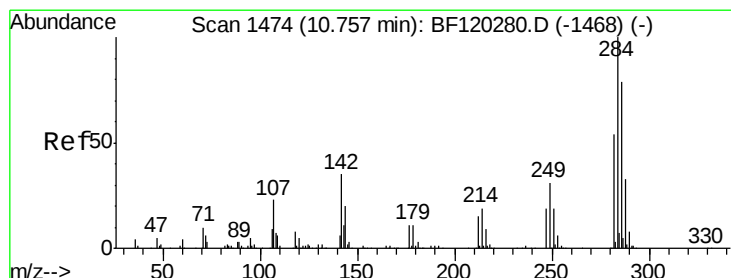
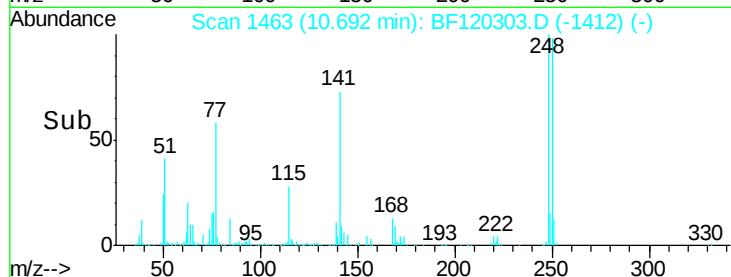
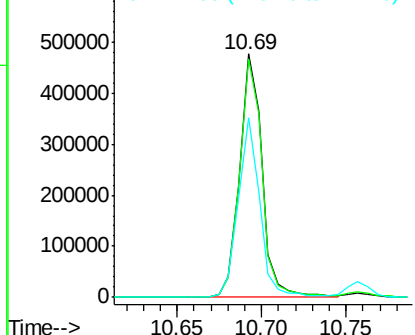
#67
4-Bromophenyl-phenylether
Concen: 33.812 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 442201
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.6
141 73.6 57.7 86.5

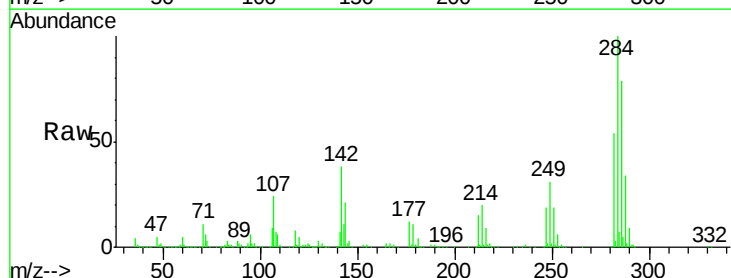


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

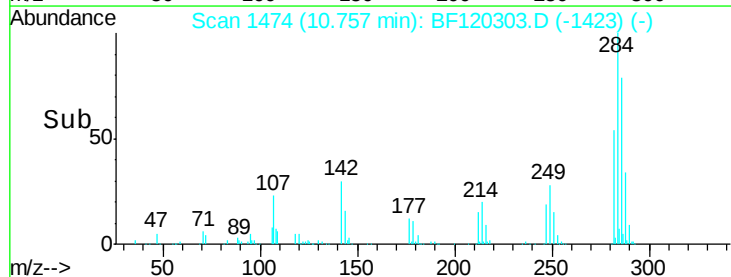
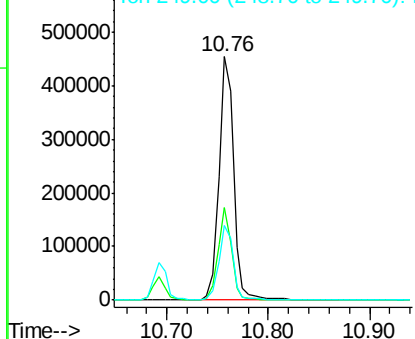


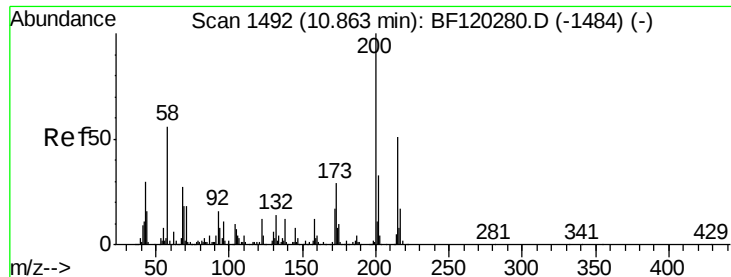
#68
Hexachlorobenzene
Concen: 33.546 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion:284 Resp: 458981
Ion Ratio Lower Upper
284 100
142 37.8 28.5 42.7
249 30.6 24.8 37.2



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

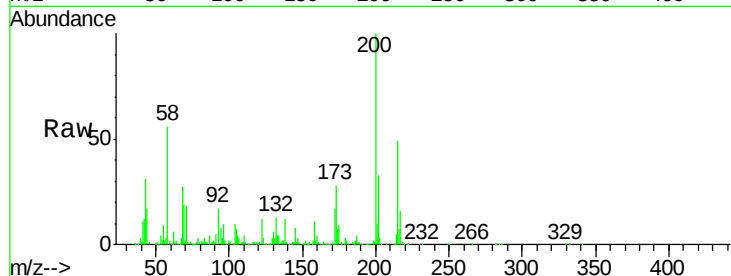




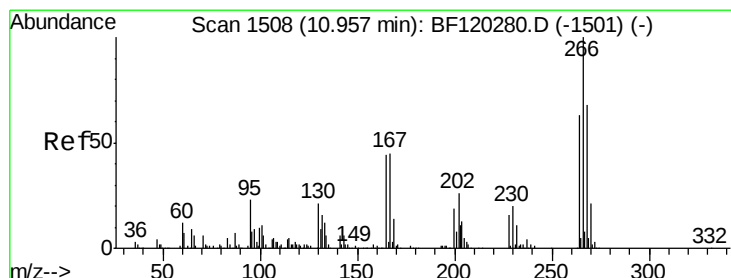
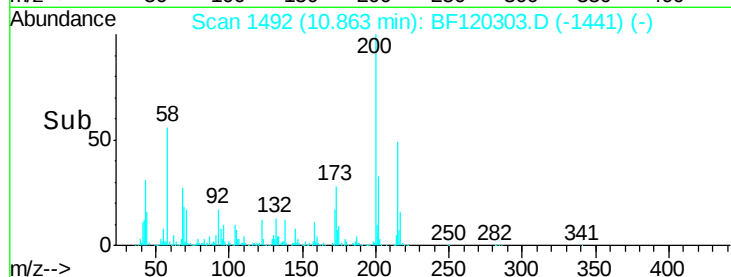
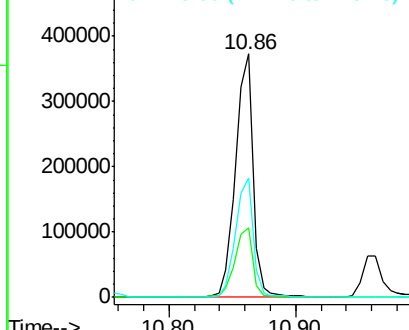
#69
Atrazine
Concen: 32.028 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.7	48.7
215	49.2	30.6	70.6

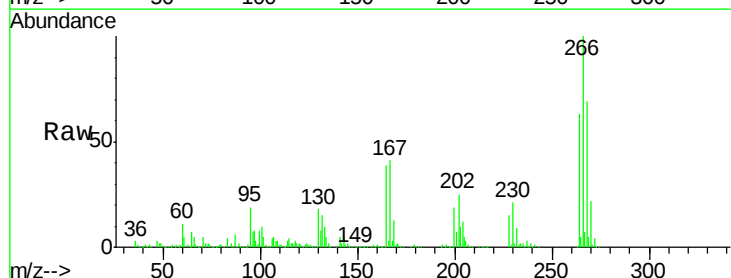


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

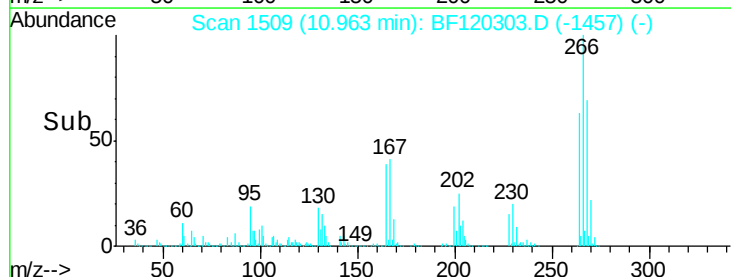
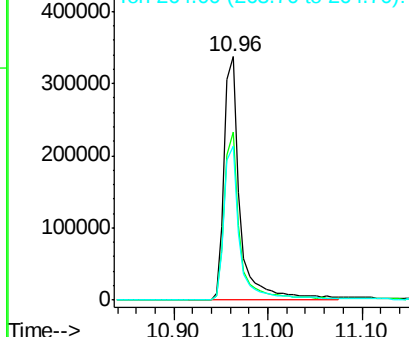


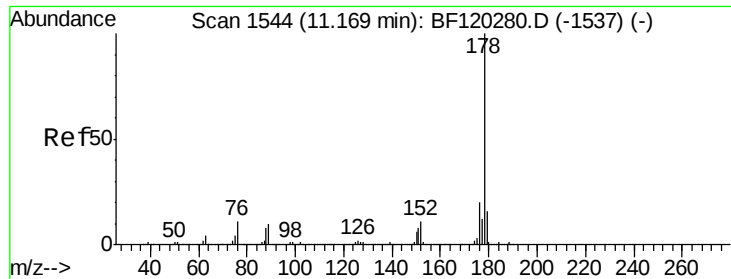
#70
Pentachlorophenol
Concen: 69.114 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.8	54.2	81.4
264	63.1	50.2	75.4



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

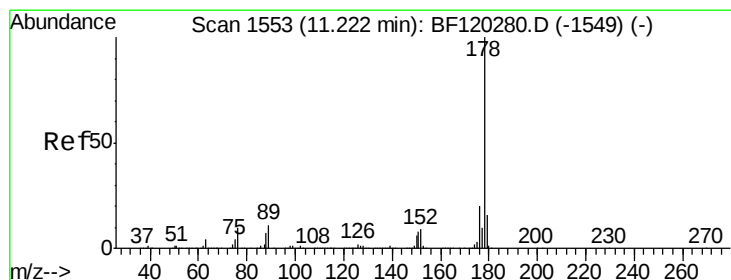
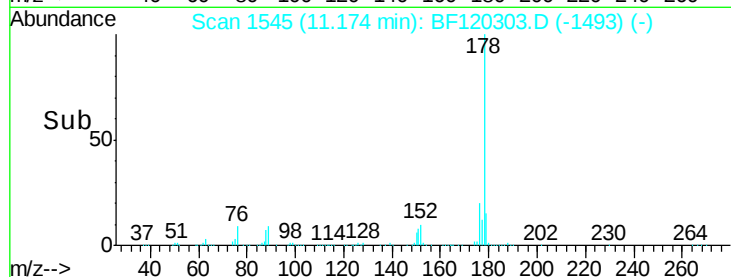
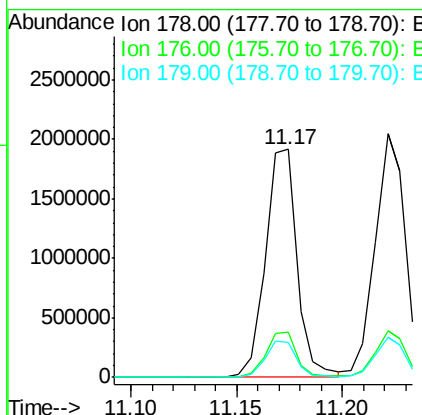
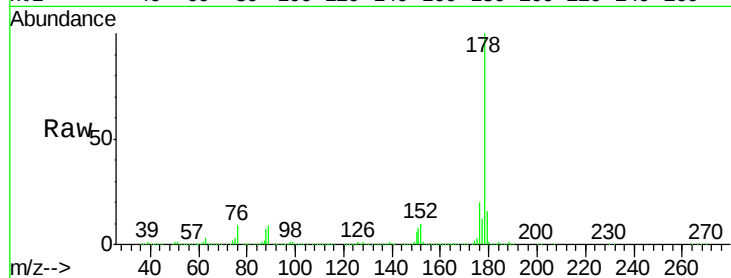




#71
Phenanthrene
Concen: 35.302 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

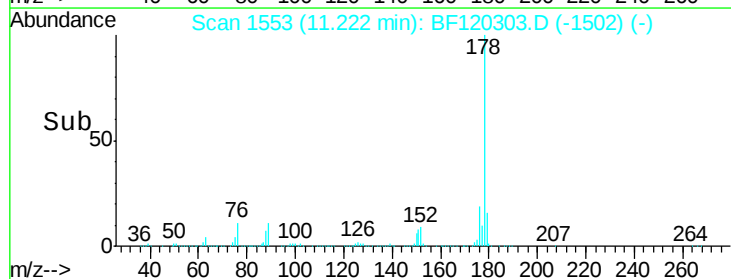
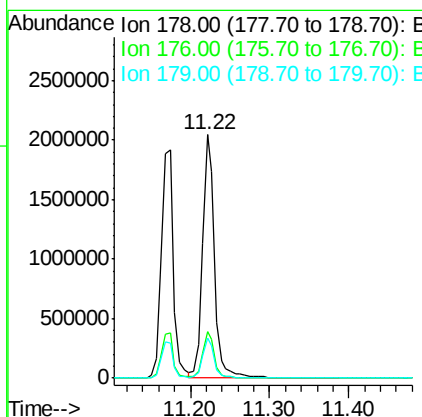
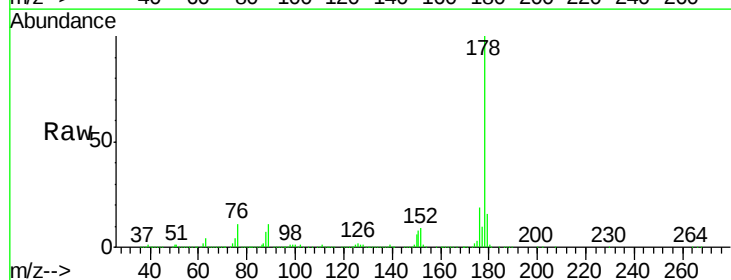
Instrument :
BNA_F
ClientSampleId :

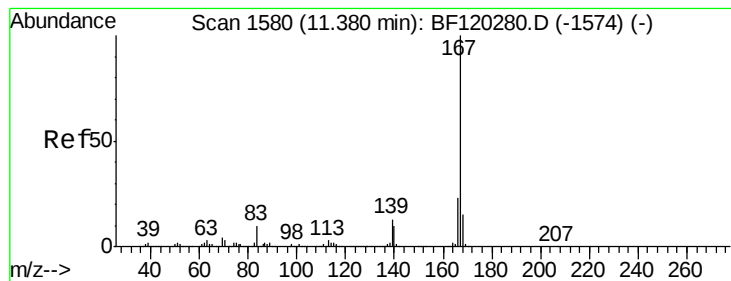
Tot Ion:178 Resp: 1999246
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.6 12.8 19.2



#72
Anthracene
Concen: 36.041 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion:178 Resp: 2185072
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 16.2 13.0 19.6





#73

Carbazole

Concen: 33.752 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

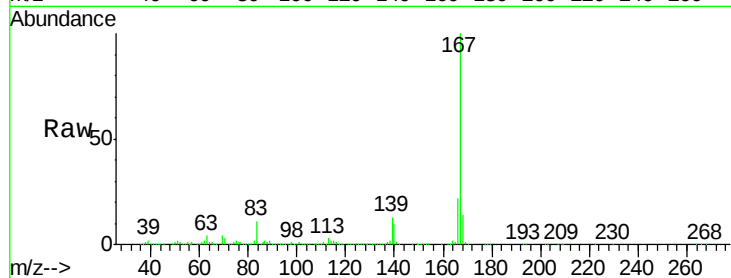
Tot Ion:167 Resp: 1911978

Ion Ratio Lower Upper

167 100

166 21.8 18.1 27.1

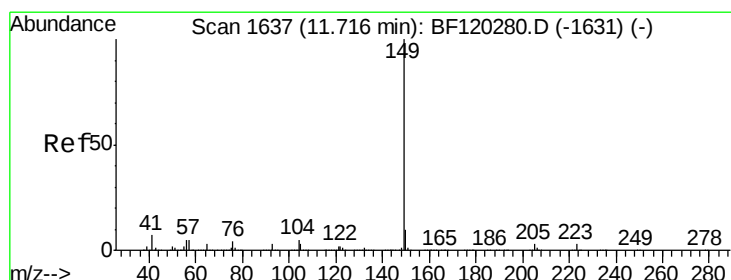
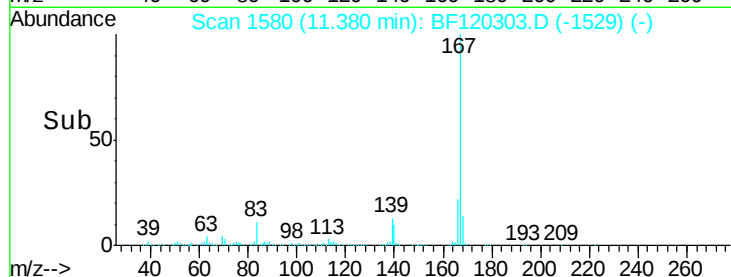
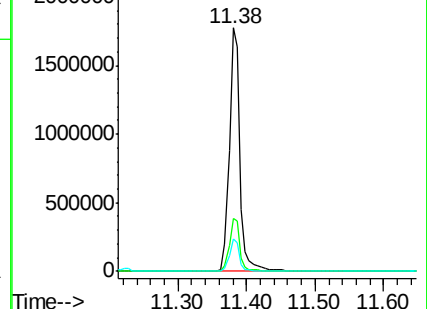
139 13.4 10.6 15.8



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: 37.143 ng

RT: 11.72 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

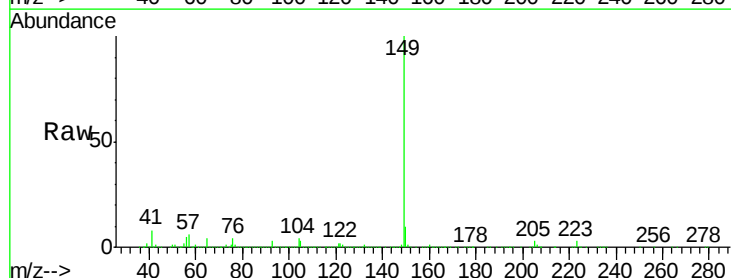
Tgt Ion:149 Resp: 2535763

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.4

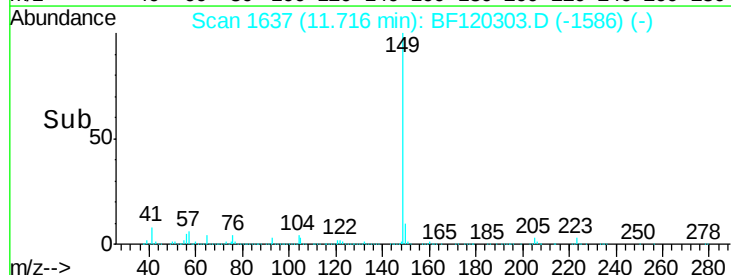
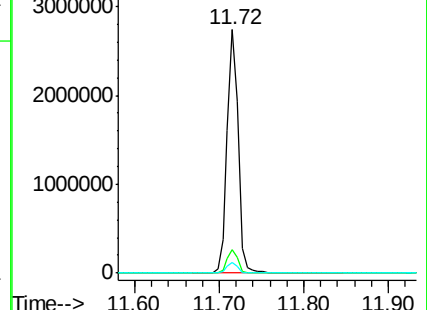
104 4.5 3.8 5.8

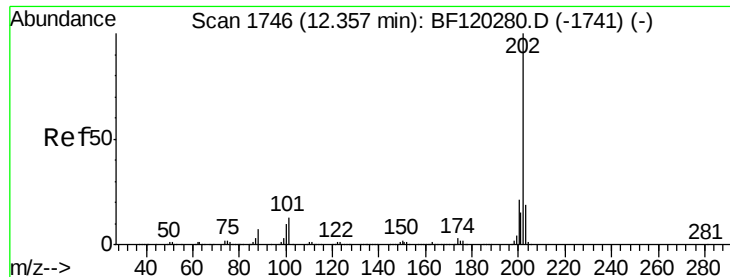


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 34.132 ng

RT: 12.36 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

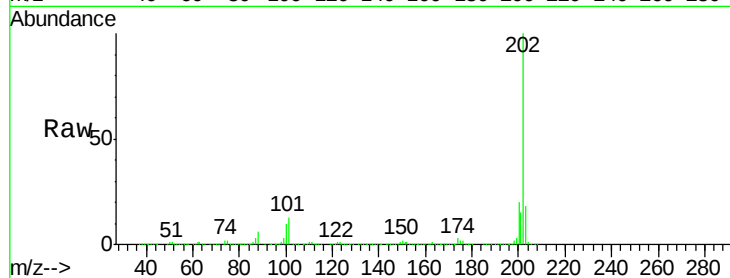
Tot Ion:202 Resp: 2071814

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

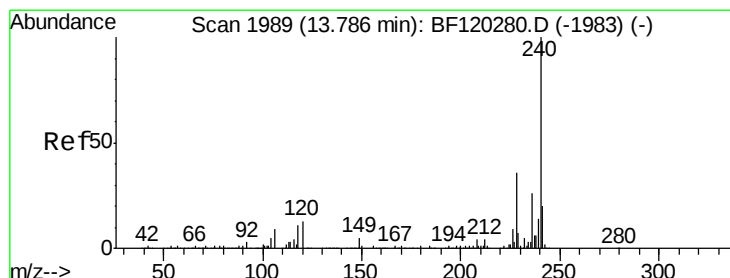
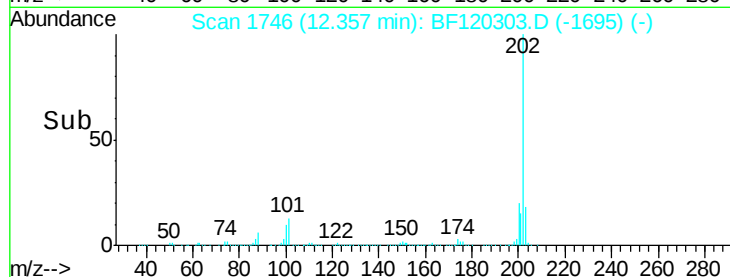
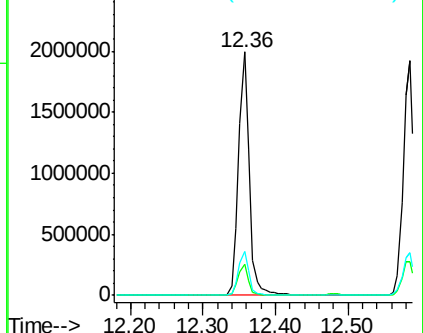
203 18.2 0.0 39.1



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: 13.79 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

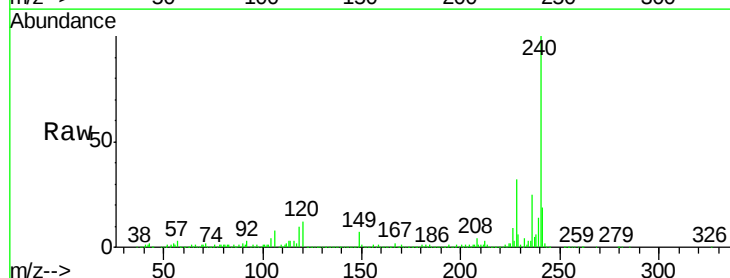
Tgt Ion:240 Resp: 735758

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

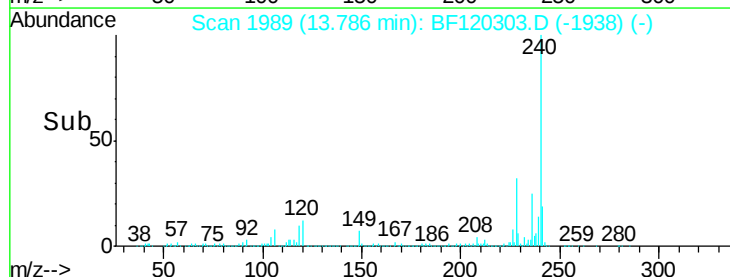
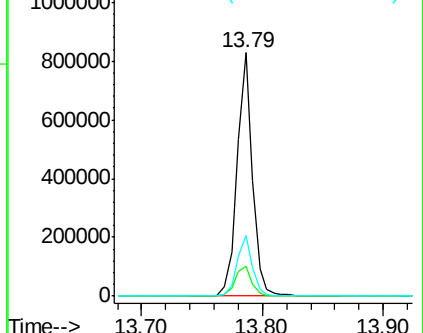
236 25.0 21.0 31.6

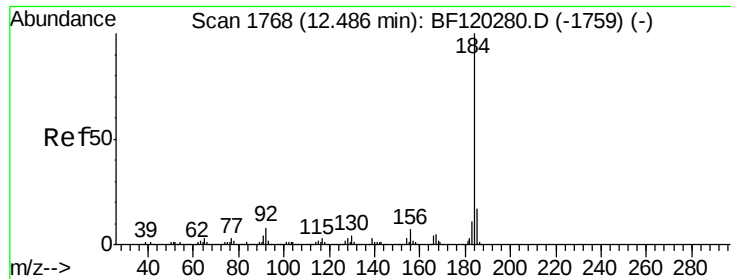


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.589 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

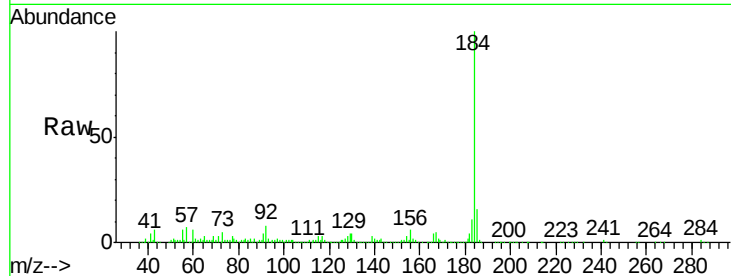
Tot Ion:184 Resp: 786123

Ion Ratio Lower Upper

184 100

185 16.2 13.7 20.5

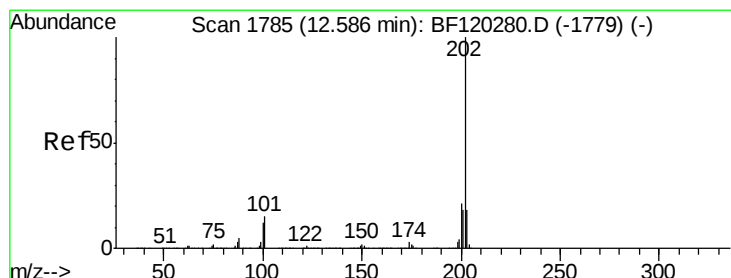
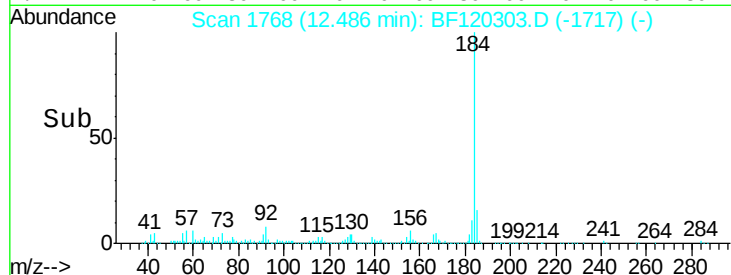
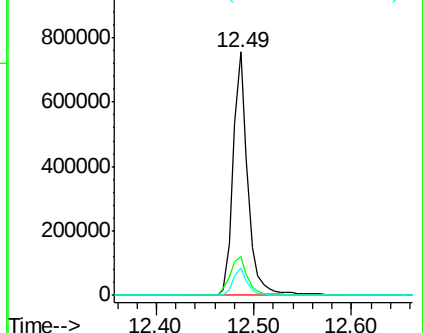
183 11.1 8.7 13.1



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: 38.089 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

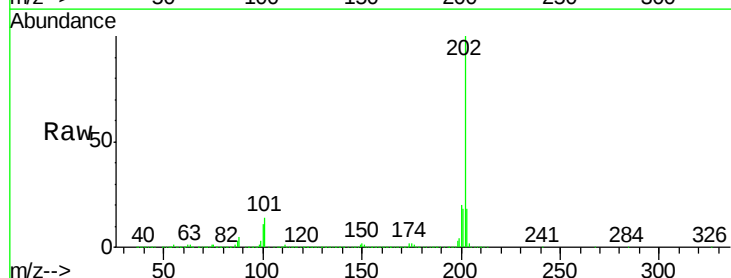
Tgt Ion:202 Resp: 1997839

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

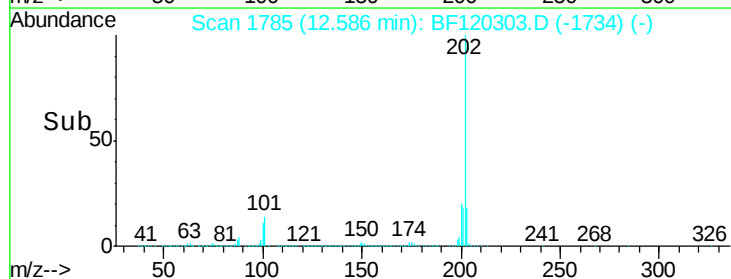
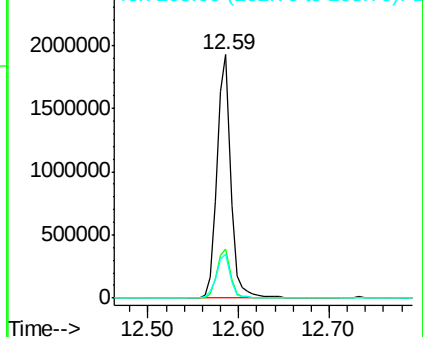
203 18.0 14.6 22.0

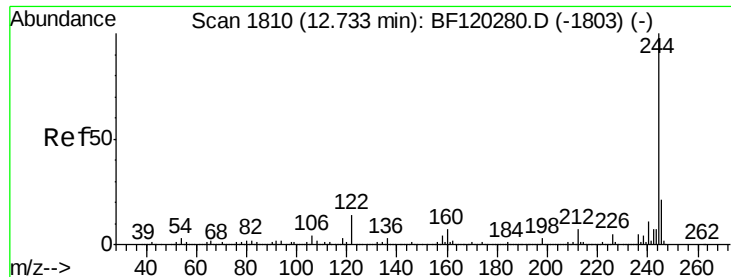


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.370 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampled :

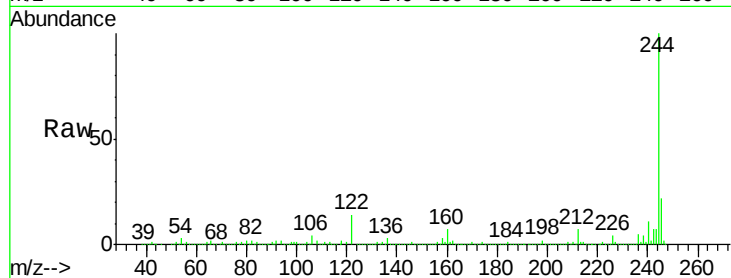
Tot Ion:244 Resp: 2510128

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

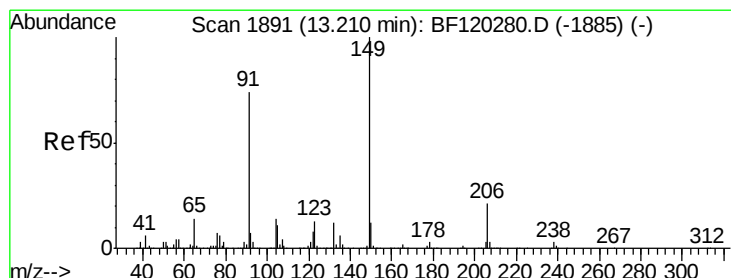
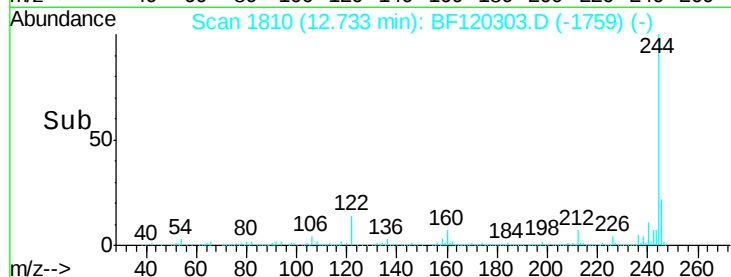
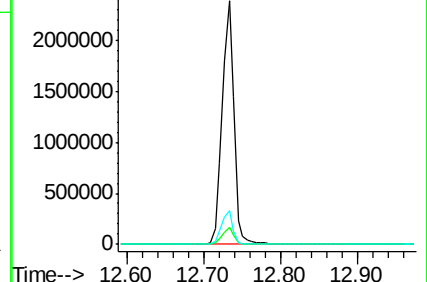
122 13.8 10.8 16.2



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: 37.487 ng

RT: 13.21 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

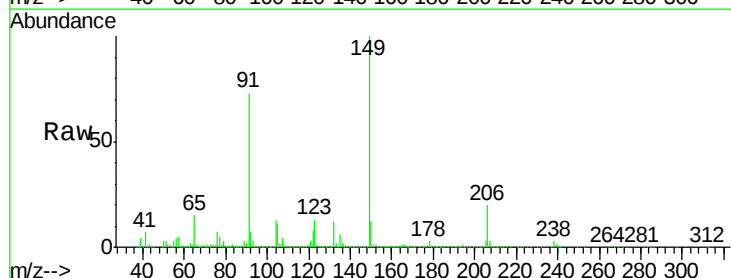
Tgt Ion:149 Resp: 925887

Ion Ratio Lower Upper

149 100

91 73.2 59.0 88.4

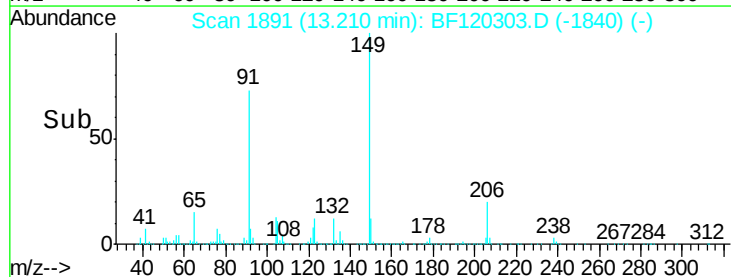
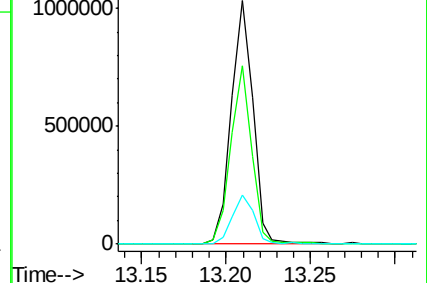
206 19.9 16.8 25.2

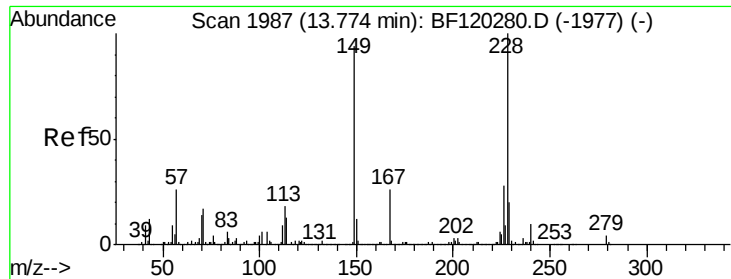


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.137 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

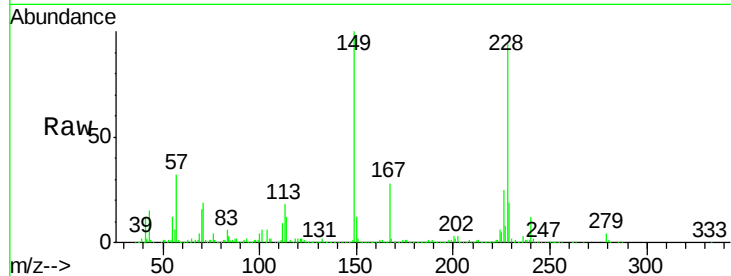
Tot Ion:228 Resp: 1363541

Ion Ratio Lower Upper

228 100

226 26.7 22.6 33.8

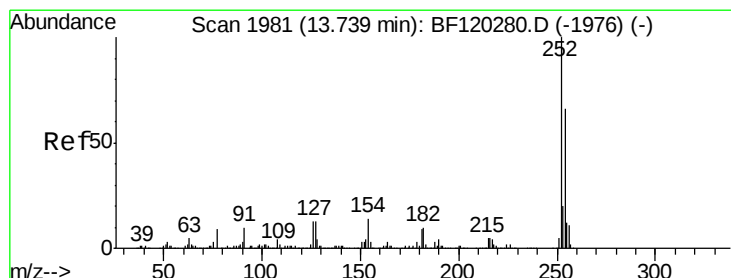
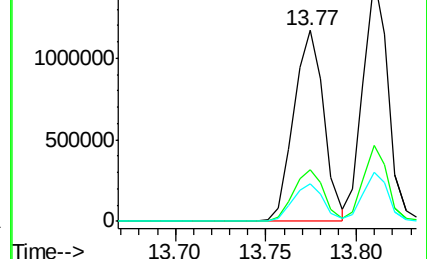
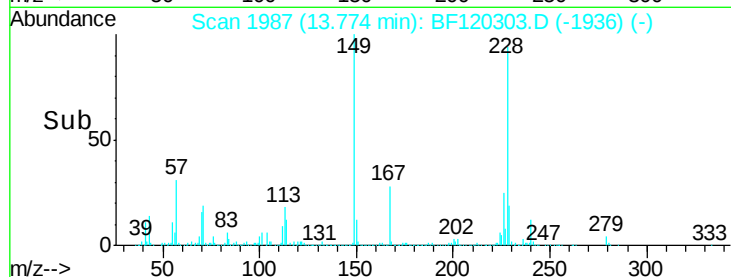
229 19.9 16.4 24.6



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: 17.713 ng

RT: 13.74 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

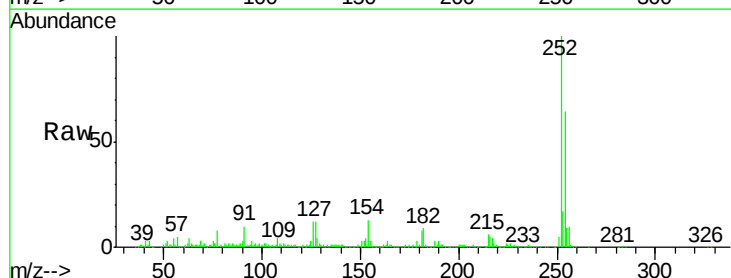
Tgt Ion:252 Resp: 259031

Ion Ratio Lower Upper

252 100

254 63.7 52.6 78.8

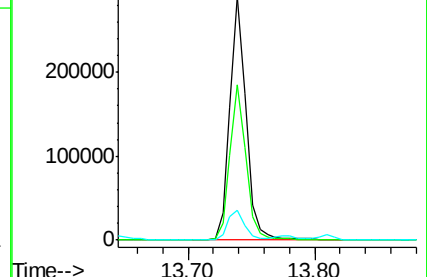
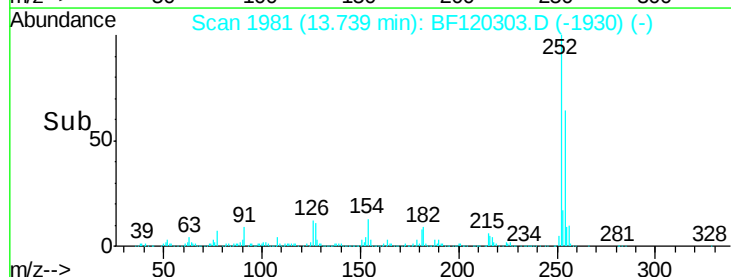
126 12.4 10.7 16.1

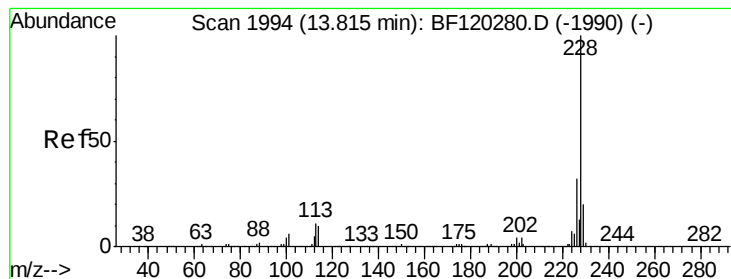


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 34.514 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

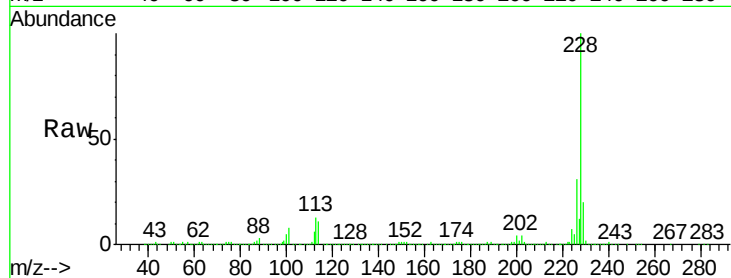
Tot Ion:228 Resp: 1438226

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

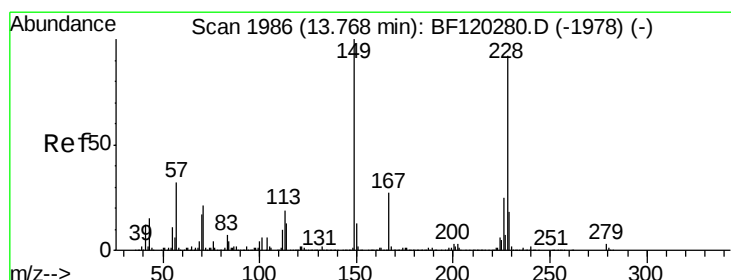
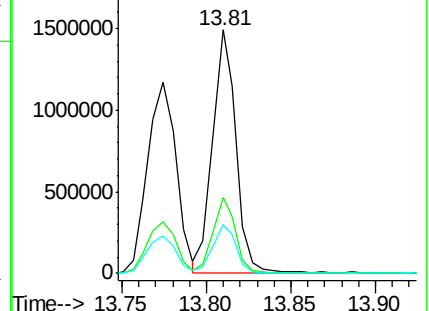
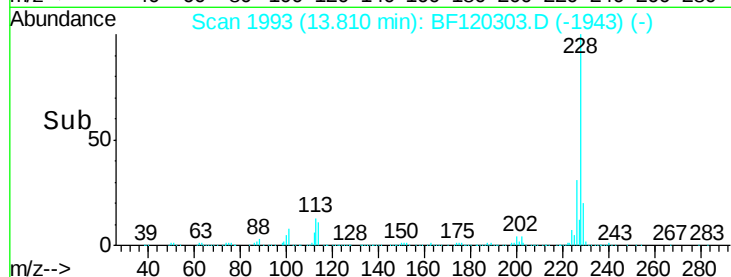
229 20.2 16.2 24.4



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: 38.215 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

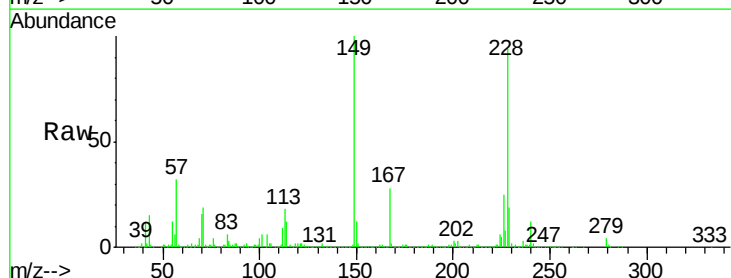
Tgt Ion:149 Resp: 1174322

Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

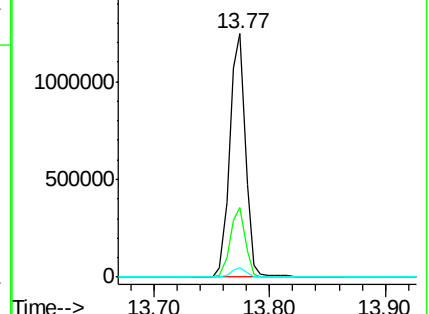
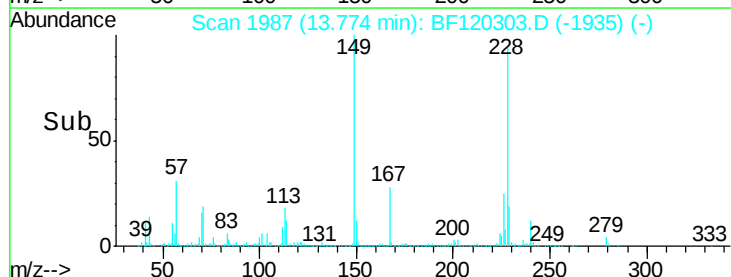
279 3.8 2.8 4.2

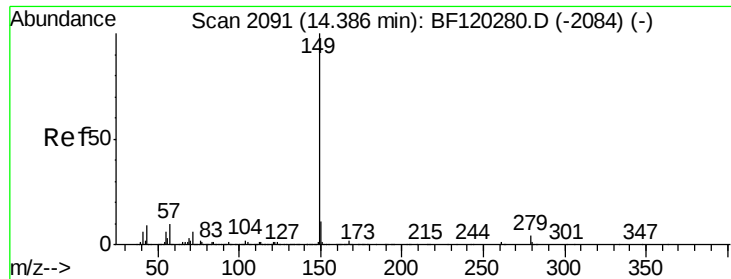


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.070 ng

RT: 14.39 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

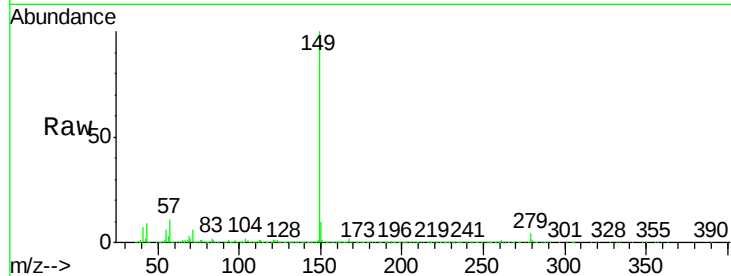
Tot Ion:149 Resp: 1994023

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

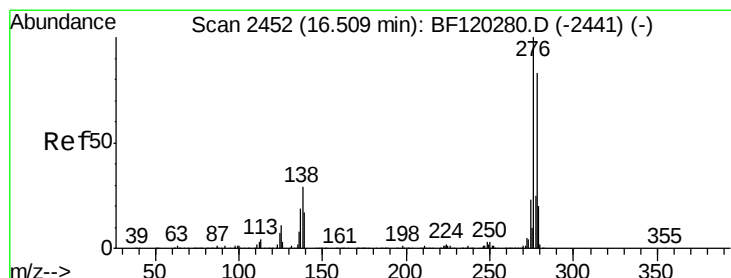
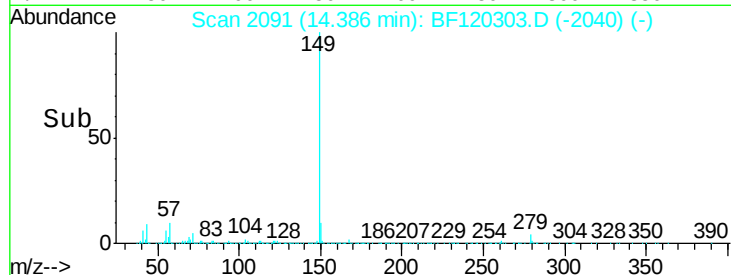
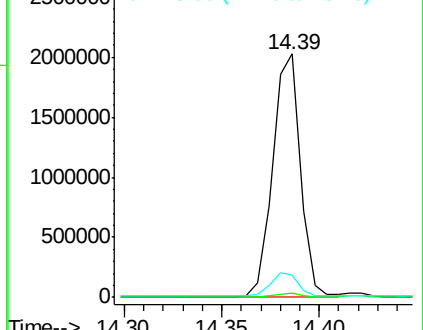
43 9.8 7.5 11.3



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

Indeno(1,2,3-cd)pyrene

Concen: 39.572 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

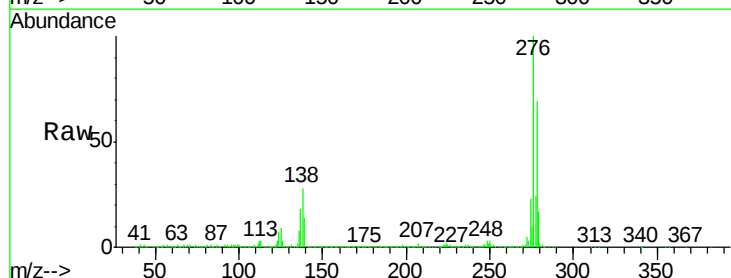
Tgt Ion:276 Resp: 1496635

Ion Ratio Lower Upper

276 100

138 28.9 23.3 34.9

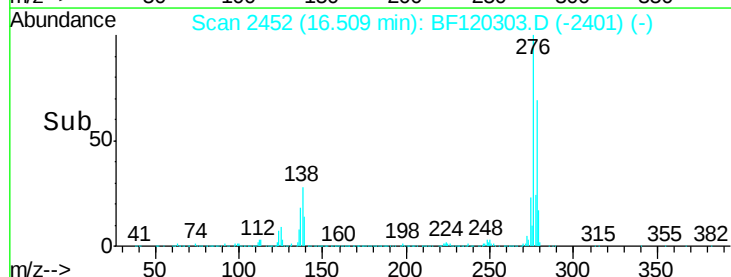
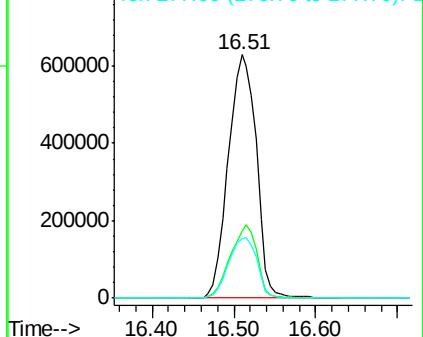
277 25.4 20.2 30.4

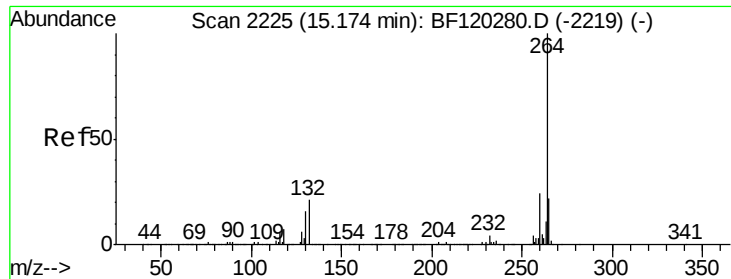


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

Instrument :

BNA_F

ClientSampleId :

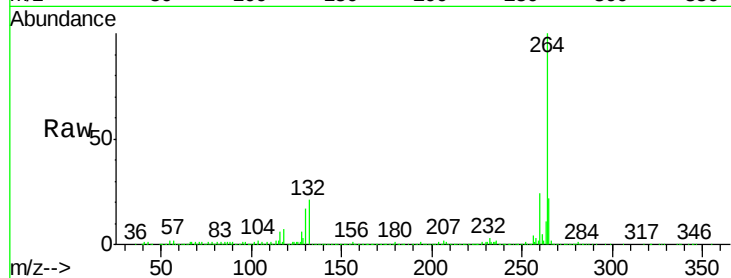
Tot Ion:264 Resp: 743002

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

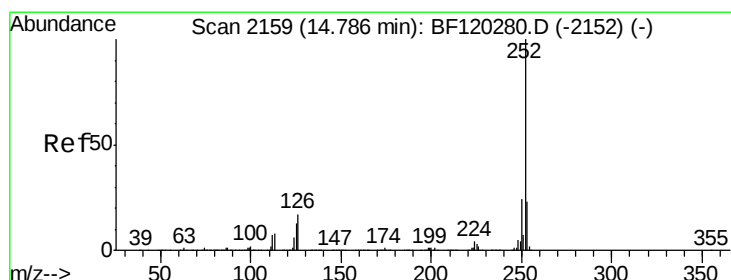
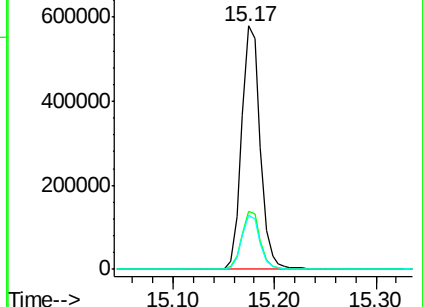
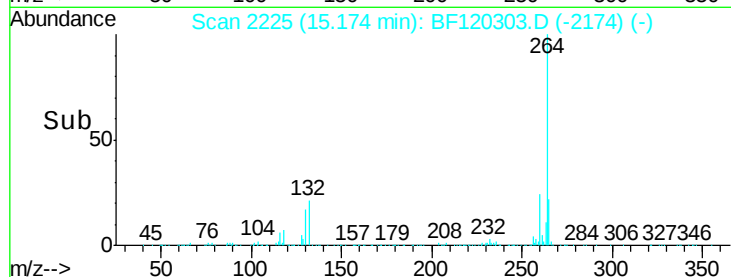
265 22.2 17.5 26.3



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



#88

Benzo(b)fluoranthene

Concen: 36.012 ng

RT: 14.79 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BF120303.D

Acq: 14 May 2020 21:01

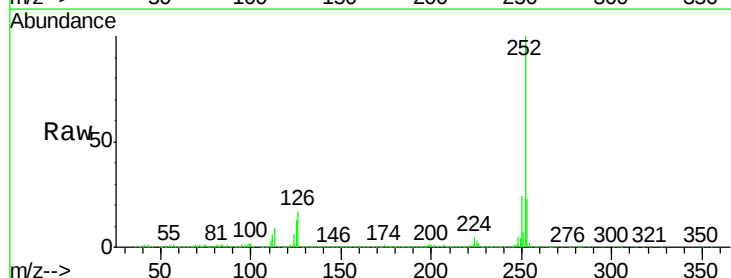
Tgt Ion:252 Resp: 1461247

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

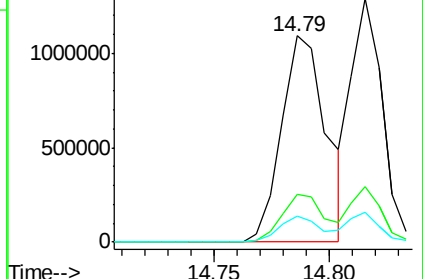
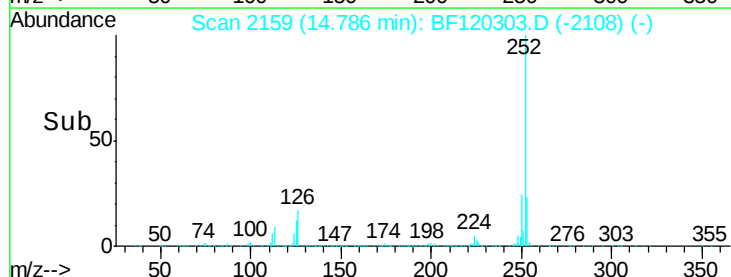
125 12.6 10.4 15.6

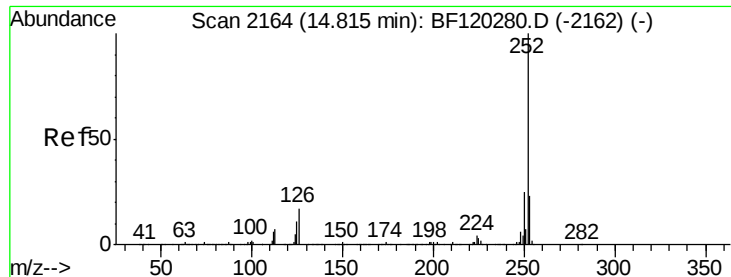


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

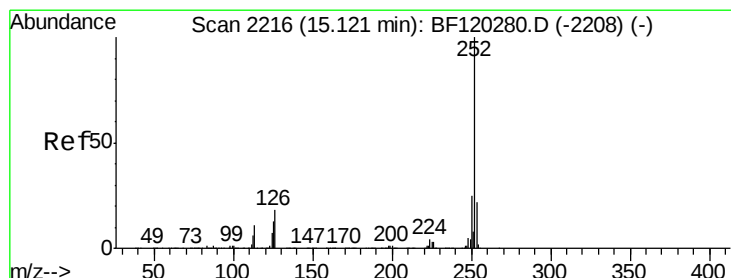
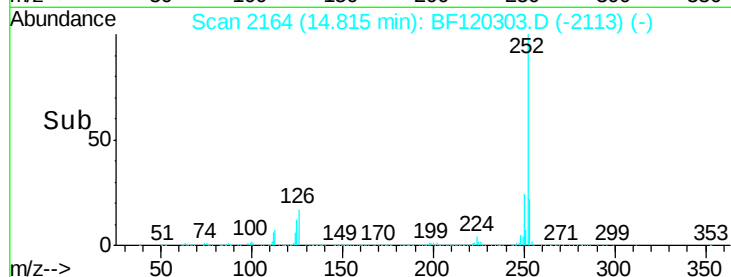
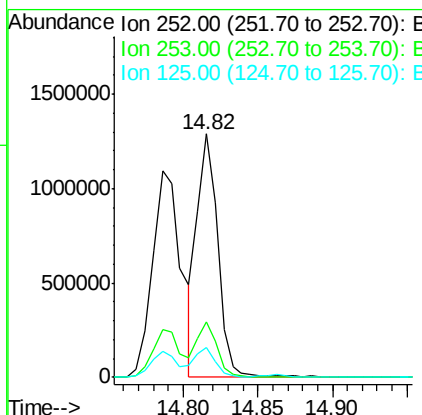
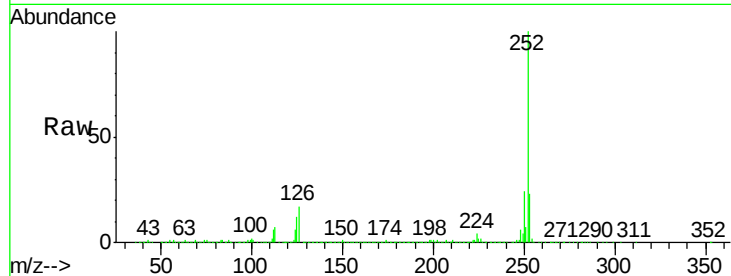




#89
Benzo(k)fluoranthene
Concen: 34.726 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

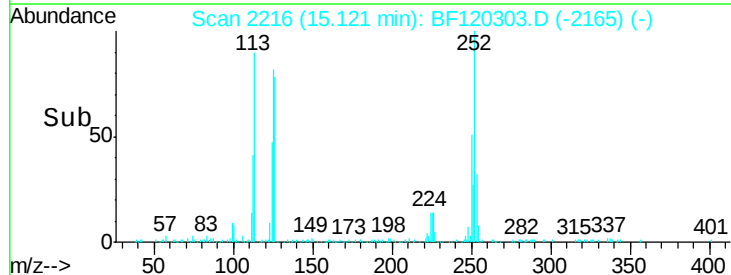
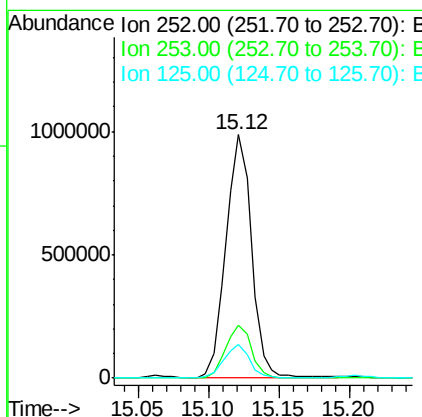
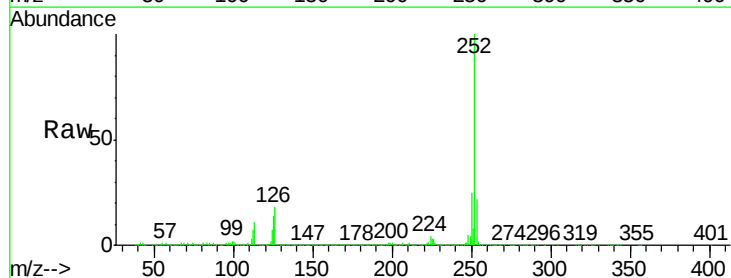
Instrument :
BNA_F
ClientSampleId :

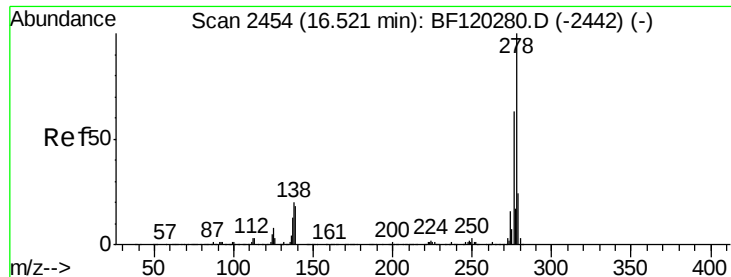
Tot Ion:252 Resp: 1220785
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 12.1 9.9 14.9



#90
Benzo(a)pyrene
Concen: 34.179 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion:252 Resp: 1243782
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 13.7 10.6 16.0



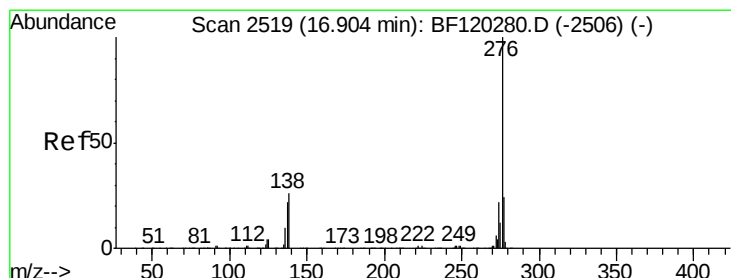
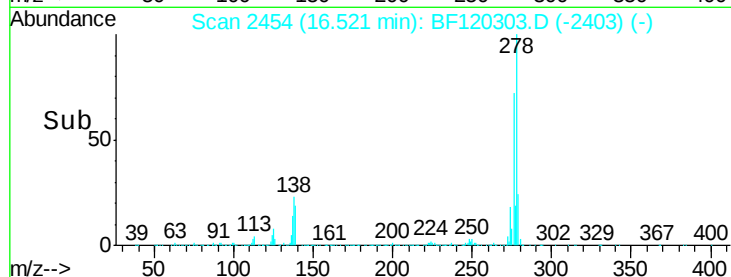
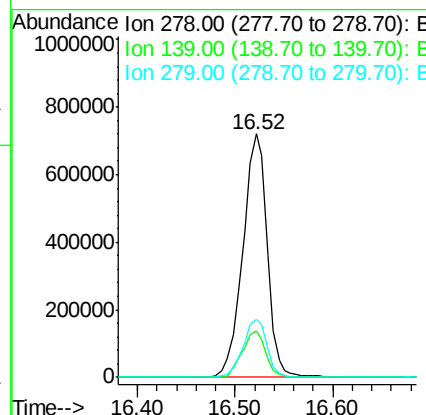
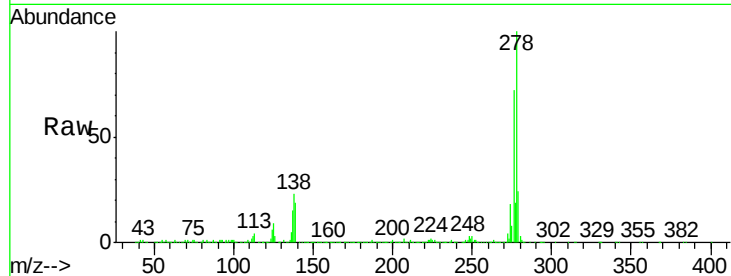


#91
Dibenzo(a,h)anthracene
Concen: 38.479 ng
RT: 16.52 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1240506

Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.7	22.1
279	24.1	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 38.205 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.01 min
Lab File: BF120303.D
Acq: 14 May 2020 21:01

Tgt Ion:276 Resp: 1242036

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	25.4	20.8	31.2

