

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120304.D
 Acq On : 14 May 2020 21:28
 Operator : MA/SJ
 Sample : L2635-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 02:39:02 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	408596	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1597342	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	761502	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1292141	20.00	ng	0.00
76) Chrysene-d12	13.79	240	704769	20.00	ng	0.00
87) Perylene-d12	15.18	264	705083	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	2362381	112.49	ng	0.02
7) Phenol-d6	6.29	99	2969182	111.81	ng	0.00
23) Nitrobenzene-d5	7.20	82	1912712	81.98	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	649779	104.65	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	3179389	85.78	ng	0.00
79) Terphenyl-d14	12.73	244	2779650	87.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	352890	42.244	ng	98
3) Pyridine	2.96	79	821864	31.298	ng	99
4) n-Nitrosodimethylamine	2.92	42	425611	41.393	ng	# 100
6) Aniline	6.29	93	413806	12.184	ng	# 1
8) 2-Chlorophenol	6.42	128	975537	39.842	ng	96
9) Benzaldehyde	6.17	77	622884	38.048	ng	97
10) Phenol	6.30	94	1201628	38.762	ng	# 74
11) bis(2-Chloroethyl)ether	6.37	93	945830	38.195	ng	98
12) 1,3-Dichlorobenzene	6.56	146	960476	36.659	ng	98
13) 1,4-Dichlorobenzene	6.64	146	995864	36.904	ng	98
14) 1,2-Dichlorobenzene	6.79	146	874655	35.993	ng	100
15) Benzyl Alcohol	6.78	79	742578	39.360	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1435560	36.786	ng	80
17) 2-Methylphenol	6.90	107	749305	36.251	ng	94
18) Hexachloroethane	7.13	117	368522	35.848	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	662737	38.093	ng	95
20) 3+4-Methylphenols	7.06	107	1001679	37.273	ng	94
22) Acetophenone	7.05	105	1316417	40.229	ng	99
24) Nitrobenzene	7.22	77	977670	38.938	ng	99
25) Isophorone	7.46	82	1848097	38.071	ng	99
26) 2-Nitrophenol	7.53	139	527989	40.207	ng	97
27) 2,4-Dimethylphenol	7.58	122	821221	42.991	ng	96
28) bis(2-Chloroethoxy)methane	7.67	93	1207846	39.586	ng	99
29) 2,4-Dichlorophenol	7.78	162	770524	39.275	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	824459	37.922	ng	99
31) Naphthalene	7.93	128	2655890	39.396	ng	100
32) Benzoic acid	7.75	122	554575	44.291	ng	97
33) 4-Chloroaniline	8.00	127	208820	6.797	ng	99
34) Hexachlorobutadiene	8.05	225	456327	36.314	ng	99
35) Caprolactam	8.37	113	166265	25.904	ng	97
36) 4-Chloro-3-methylphenol	8.49	107	798379	37.618	ng	98
37) 2-Methylnaphthalene	8.62	142	1716614	37.209	ng	99
38) 1-Methylnaphthalene	8.72	142	1664452	37.199	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	775192	40.371	ng	99

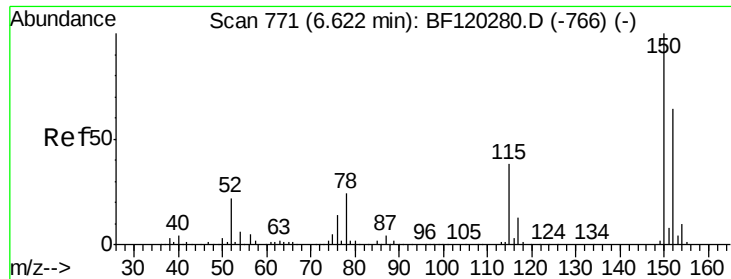
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	421478	55.431	nq	99
43) 2,4,6-Trichlorophenol	8.91	196	512777	39.784	nq	99
44) 2,4,5-Trichlorophenol	8.96	196	540665	36.527	nq	99
46) 1,1'-Biphenyl	9.09	154	2050271	41.092	nq	99
47) 2-Chloronaphthalene	9.12	162	1475485	36.866	nq	99
48) 2-Nitroaniline	9.22	65	560764	38.401	nq	98
49) Acenaphthylene	9.53	152	2363353	38.657	nq	100
50) Dimethylphthalate	9.40	163	2457413	51.050	nq	99
51) 2,6-Dinitrotoluene	9.46	165	409342	38.100	nq	96
52) Acenaphthene	9.70	154	1388508	37.890	nq	100
53) 3-Nitroaniline	9.63	138	187248	14.615	nq	96
54) 2,4-Dinitrophenol	9.75	184	270609	53.359	nq	93
55) Dibenzofuran	9.87	168	2005887	38.010	nq	98
56) 4-Nitrophenol	9.82	139	483565	70.241	nq	# 83
57) 2,4-Dinitrotoluene	9.87	165	465703	36.951	nq	97
58) Fluorene	10.22	166	1554285	38.674	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	427815	38.406	nq	99
60) Diethylphthalate	10.10	149	1802544	38.786	nq	100
61) 4-Chlorophenyl-phenylether	10.20	204	751875	35.983	nq	99
62) 4-Nitroaniline	10.25	138	334287	28.019	nq	100
63) Azobenzene	10.37	77	1707265	38.870	nq	98
65) 4,6-Dinitro-2-methylphenol	10.28	198	212012	32.444	nq	90
66) n-Nitrosodiphenylamine	10.33	169	1476472	41.302	nq	99
67) 4-Bromophenyl-phenylether	10.69	248	472216	37.661	nq	99
68) Hexachlorobenzene	10.76	284	503474	38.382	nq	# 90
69) Atrazine	10.86	200	378222	35.358	nq	99
70) Pentachlorophenol	10.96	266	435421	78.046	nq	99
71) Phenanthrene	11.17	178	2126790	39.170	nq	100
72) Anthracene	11.23	178	2304497	39.647	nq	99
73) Carbazole	11.39	167	2037036	37.507	nq	99
74) Di-n-butylphthalate	11.72	149	2645869	40.423	nq	99
75) Fluoranthene	12.36	202	2163721	37.180	nq	99
77) Benzidine	12.49	184	760427	36.949	nq	98
78) Pyrene	12.59	202	2095932	41.716	nq	99
80) Butylbenzylphthalate	13.21	149	963078	40.707	nq	97
81) Benzo(a)anthracene	13.77	228	1406126	37.828	nq	99
82) 3,3'-Dichlorobenzidine	13.74	252	274303	19.582	nq	98
83) Chrysene	13.81	228	1504658	37.696	nq	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1190554	40.447	nq	100
85) Di-n-octyl phthalate	14.39	149	2029604	38.328	nq	98
86) Indeno(1,2,3-cd)pyrene	16.51	276	1534622	42.361	nq	99
88) Benzo(b)fluoranthene	14.79	252	1547895	40.199	nq	97
89) Benzo(k)fluoranthene	14.82	252	1249044	37.440	nq	100
90) Benzo(a)pyrene	15.12	252	1287330	37.278	nq	99
91) Dibenzo(a,h)anthracene	16.52	278	1280644	41.860	nq	99
92) Benzo(g,h,i)perylene	16.91	276	1285832	41.680	nq	98

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

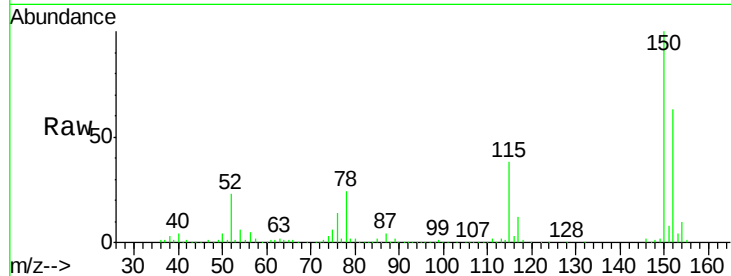


#1

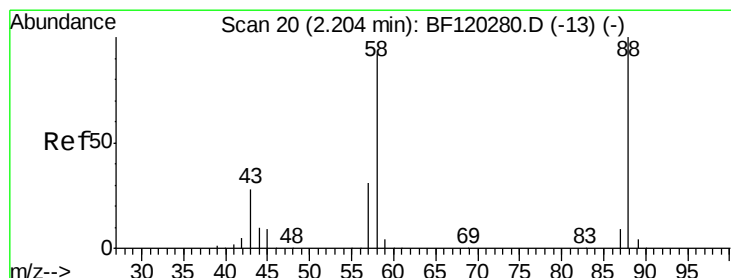
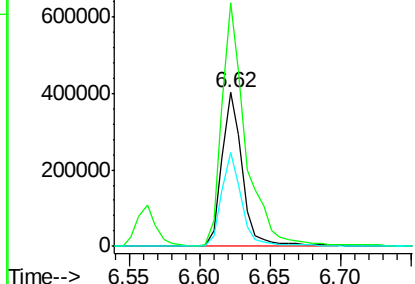
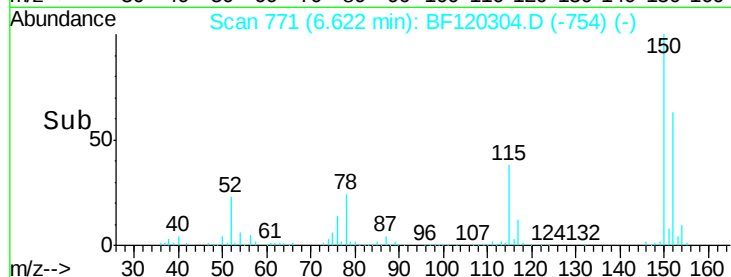
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 408596
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 60.8 47.9 71.9



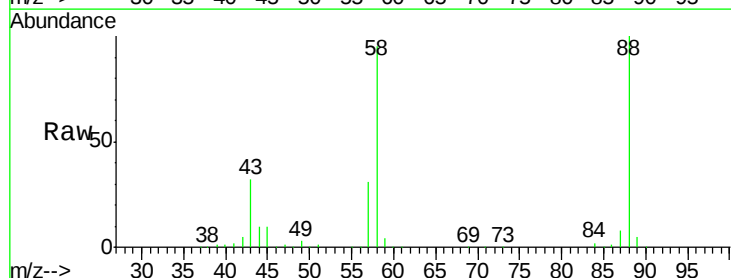
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



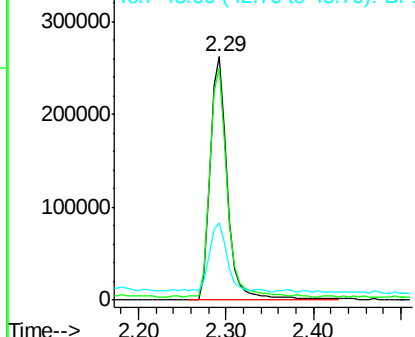
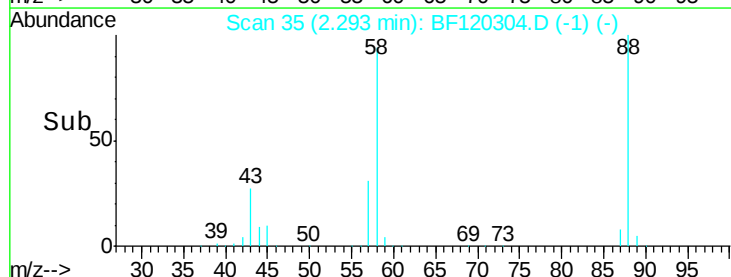
#2

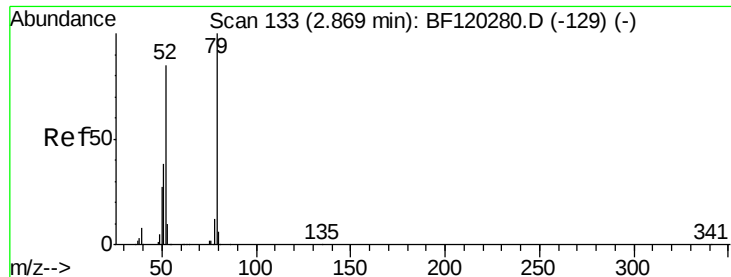
1,4-Dioxane
Concen: 42.244 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.09 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion: 88 Resp: 352890
Ion Ratio Lower Upper
88 100
58 96.2 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: 31.298 ng

RT: 2.96 min Scan# 149

Delta R.T. 0.09 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

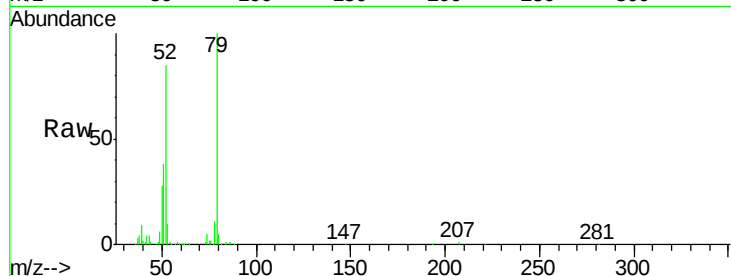
Tot Ion: 79 Resp: 821864

Ion Ratio Lower Upper

79 100

52 84.6 68.4 102.6

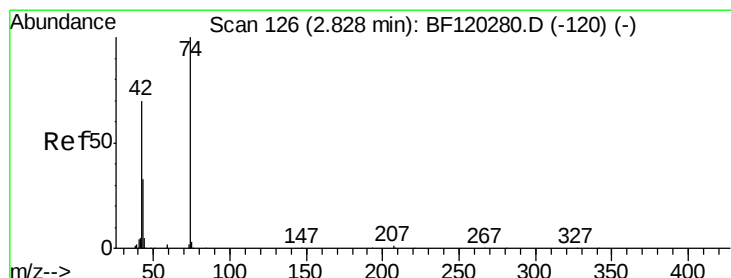
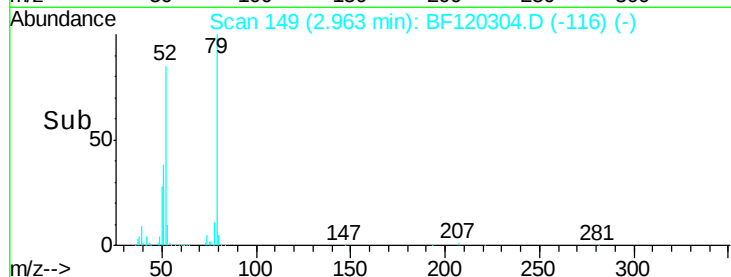
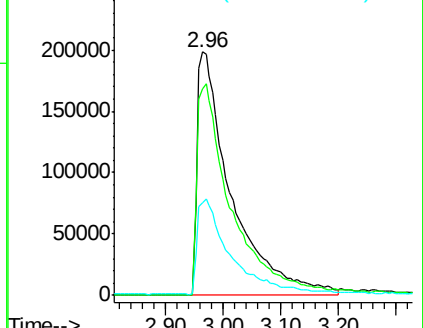
51 38.1 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.393 ng

RT: 2.92 min Scan# 141

Delta R.T. 0.09 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

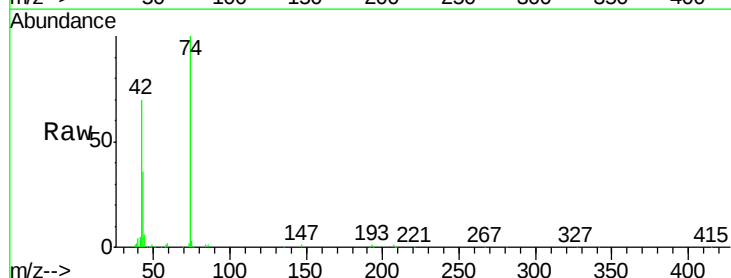
Tgt Ion: 42 Resp: 425611

Ion Ratio Lower Upper

42 100

74 143.5 114.8 172.2

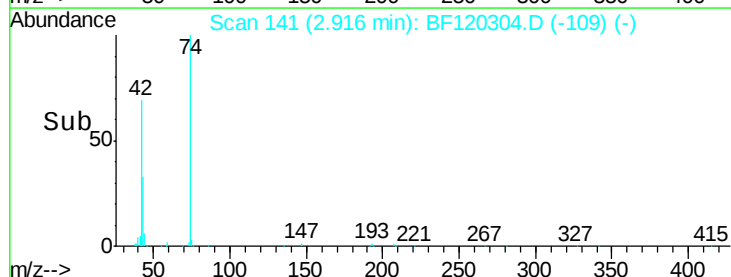
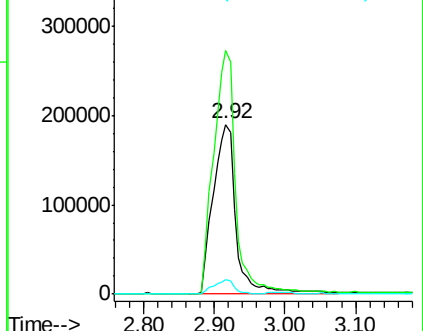
44 8.5 5.6 8.4#

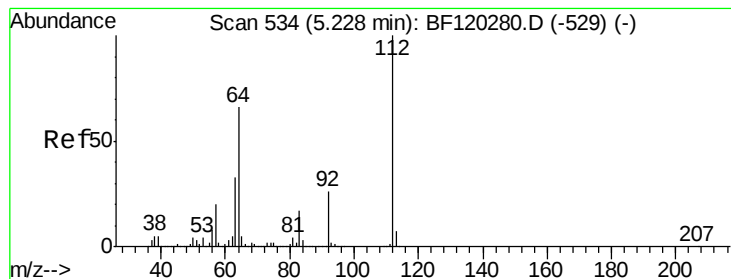


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.495 ng

RT: 5.25 min Scan# 537

Delta R.T. 0.02 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

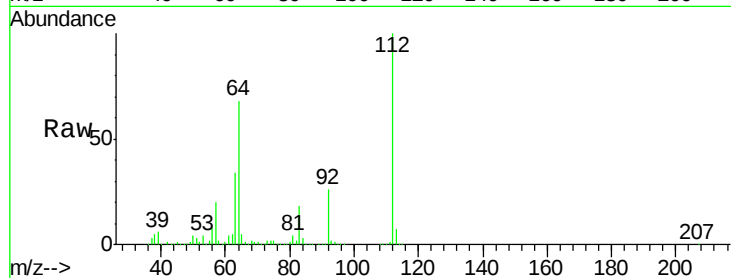
Tot Ion:112 Resp: 2362381

Ion Ratio Lower Upper

112 100

64 67.7 52.7 79.1

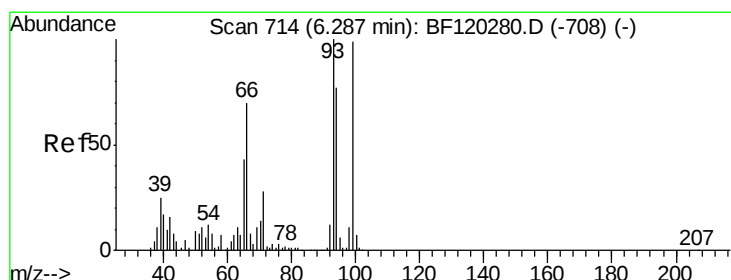
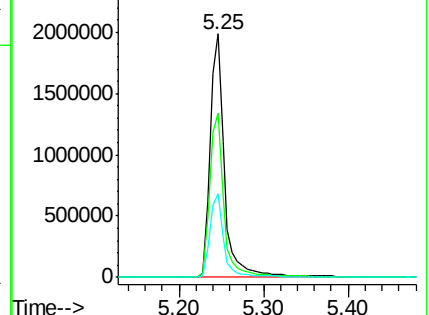
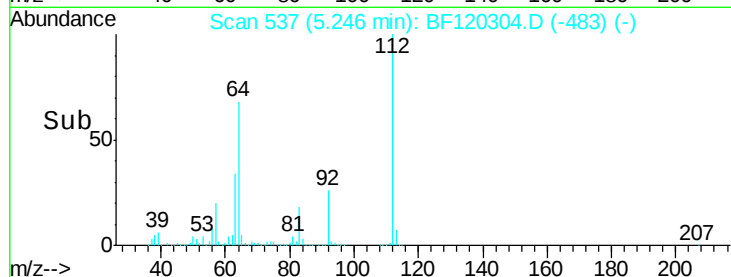
63 34.1 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.184 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

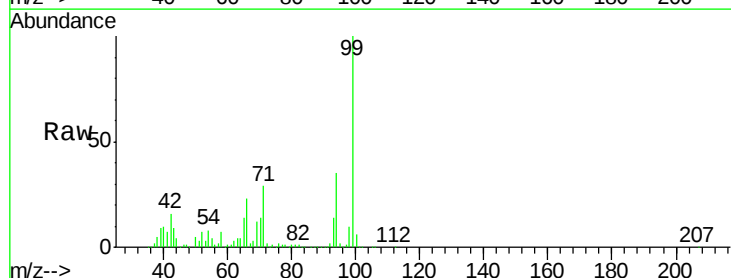
Tgt Ion: 93 Resp: 413806

Ion Ratio Lower Upper

93 100

66 158.5 56.2 84.4#

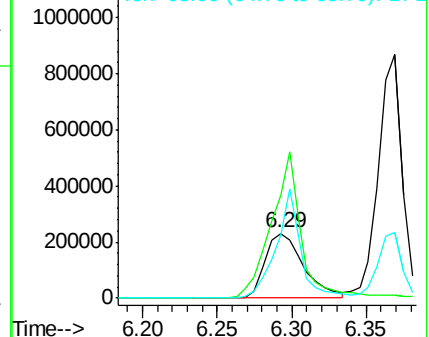
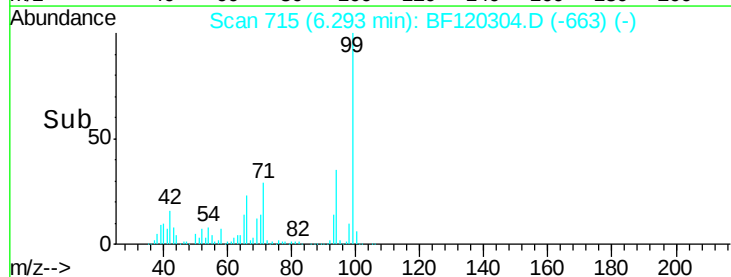
65 97.4 34.2 51.2#

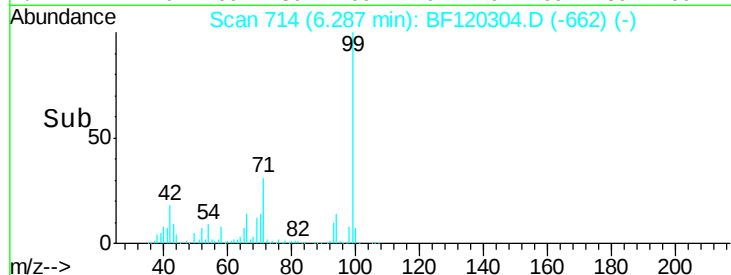
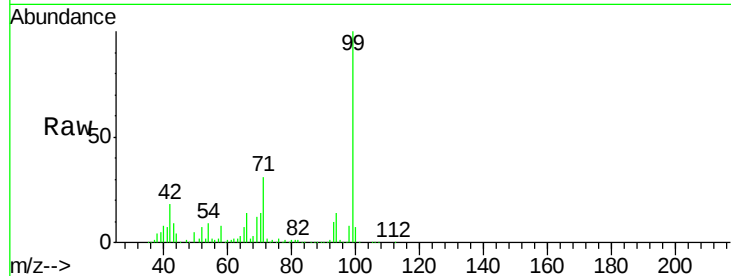
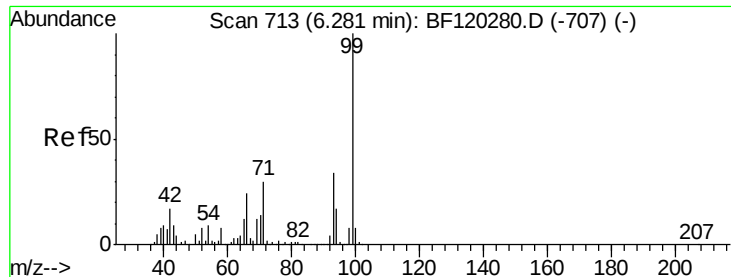


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.807 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

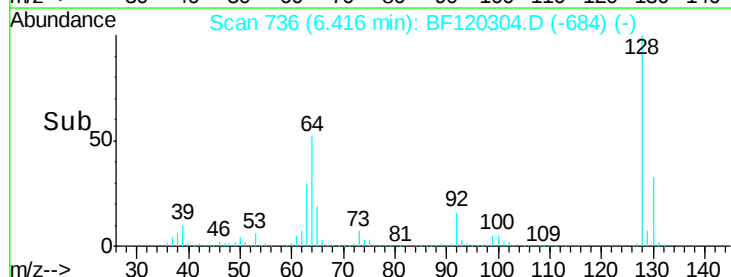
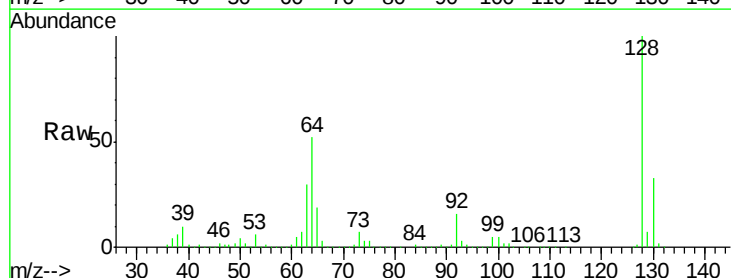
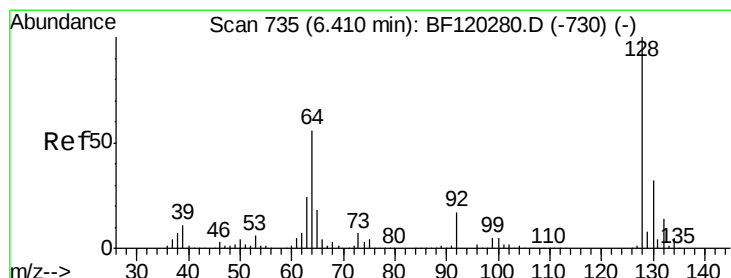
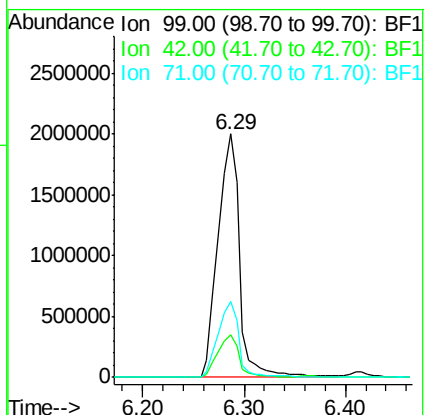
Tot Ion: 99 Resp: 2969182

Ion Ratio Lower Upper

99 100

42 17.7 13.6 20.4

71 31.4 24.2 36.4



#8

2-Chlorophenol

Concen: 39.842 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

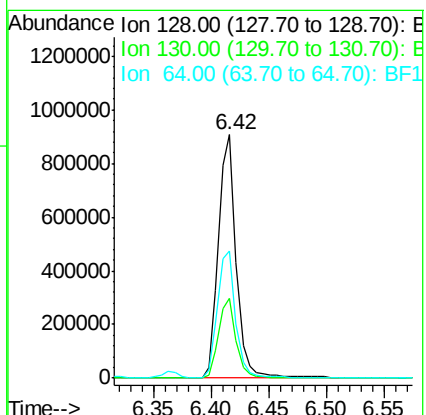
Tgt Ion: 128 Resp: 975537

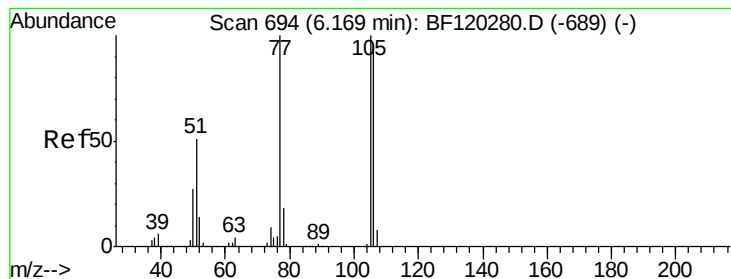
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 52.1 36.7 76.7





#9

Benzaldehyde

Concen: 38.048 ng

RT: 6.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

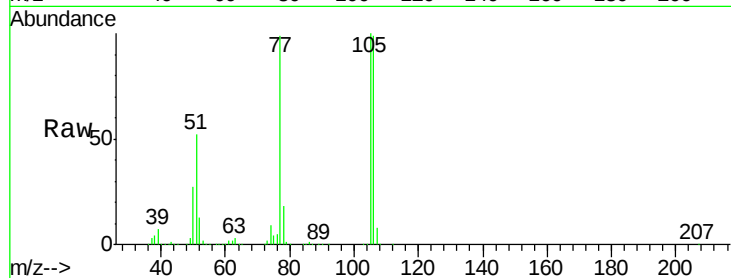
Tot Ion: 77 Resp: 622884

Ion Ratio Lower Upper

77 100

105 101.2 79.9 119.9

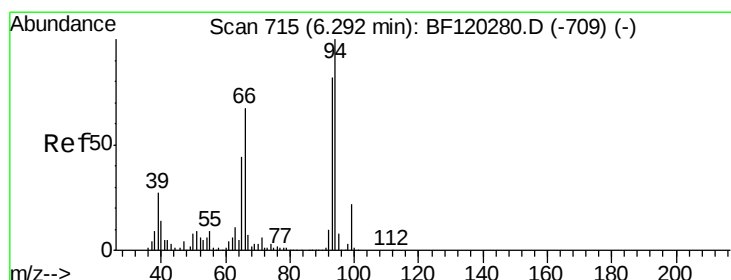
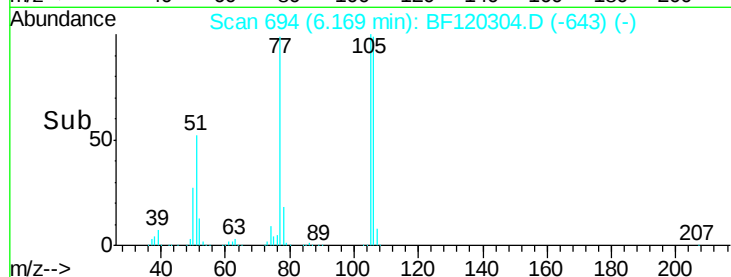
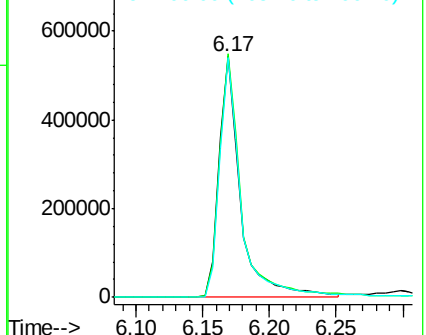
106 99.8 75.7 115.7



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: 38.762 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

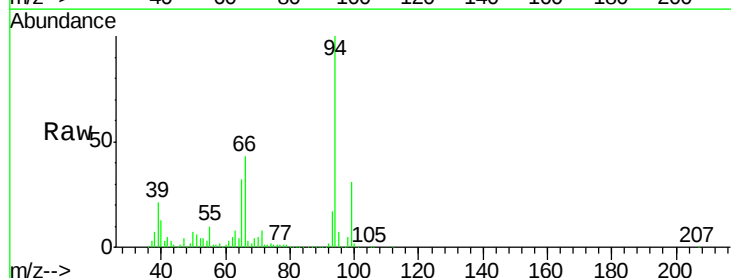
Tgt Ion: 94 Resp: 1201628

Ion Ratio Lower Upper

94 100

65 32.2 24.1 64.1

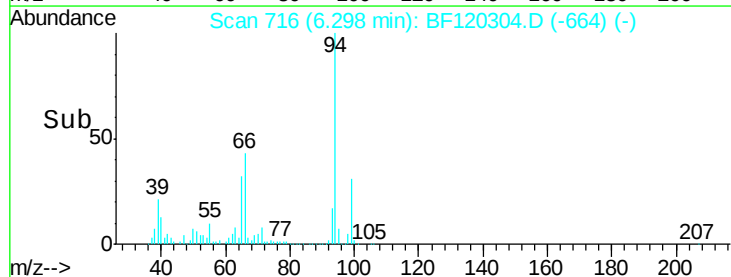
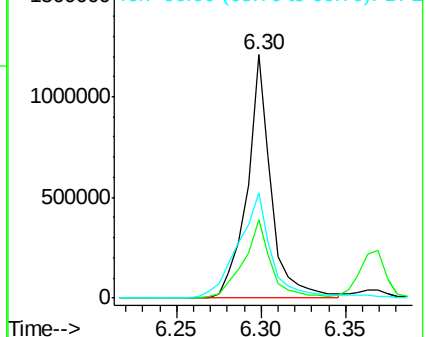
66 43.2 47.5 87.5#

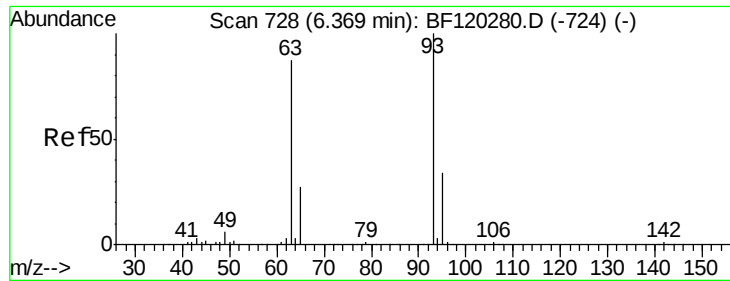


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

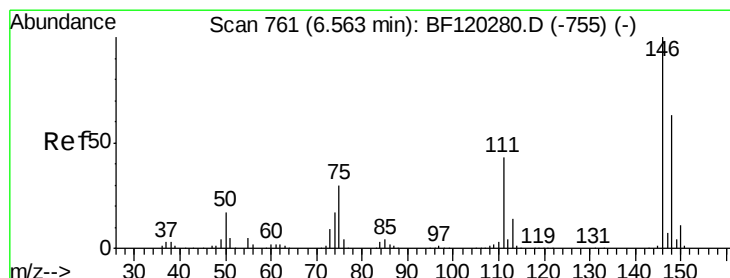
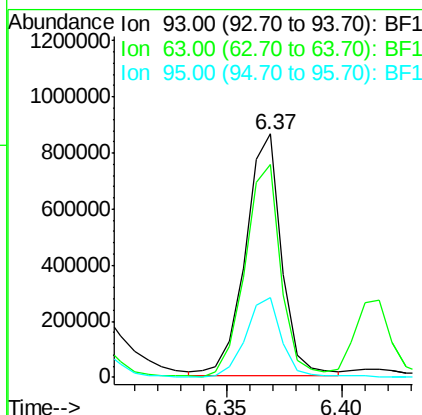
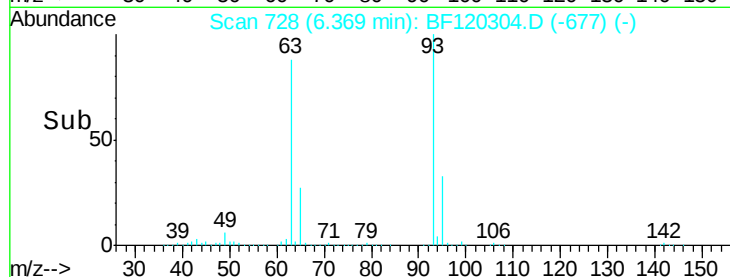
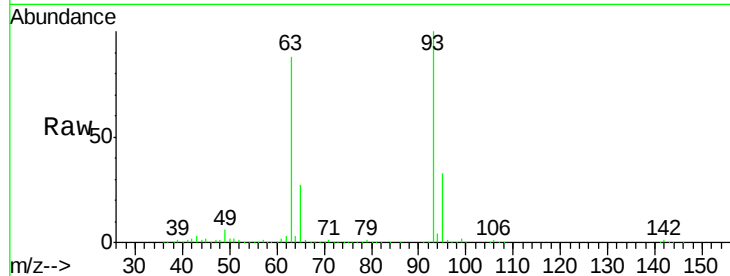




#11
 bis(2-Chloroethyl)ether
 Concen: 38.195 ng
 RT: 6.37 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF120304.D
 Acq: 14 May 2020 21:28

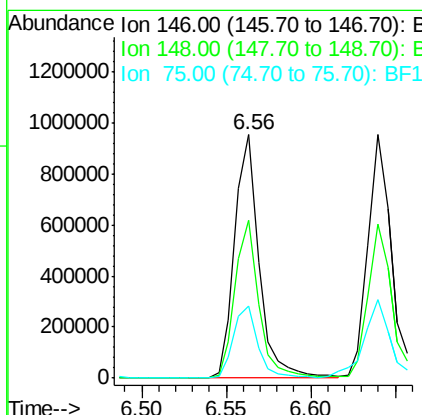
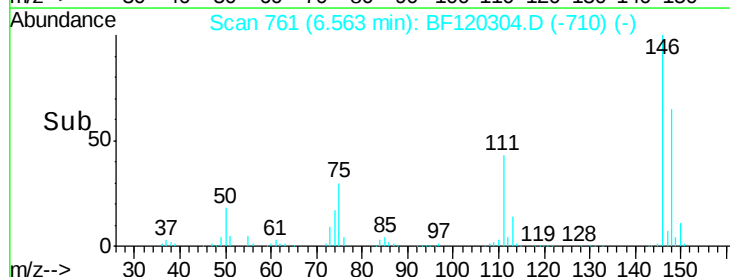
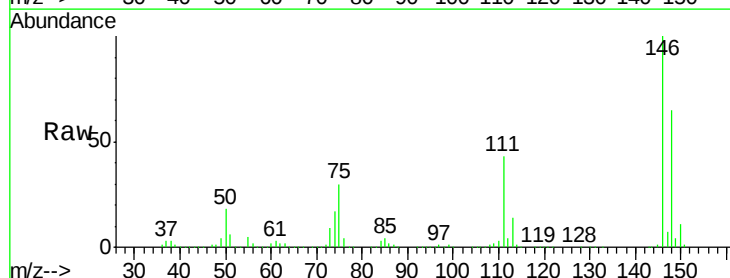
Instrument :
 BNA_F
 ClientSampled :

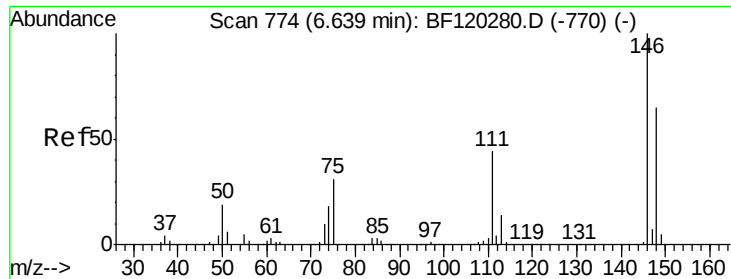
Tot Ion: 93 Resp: 945830
 Ion Ratio Lower Upper
 93 100
 63 87.6 65.4 105.4
 95 33.0 12.9 52.9



#12
 1,3-Dichlorobenzene
 Concen: 36.659 ng
 RT: 6.56 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF120304.D
 Acq: 14 May 2020 21:28

Tgt Ion: 146 Resp: 960476
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.5 75.7
 75 29.7 24.2 36.4

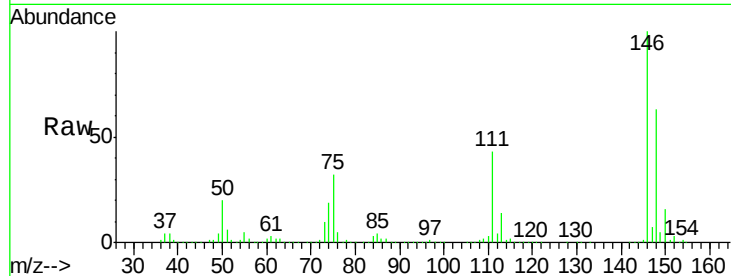




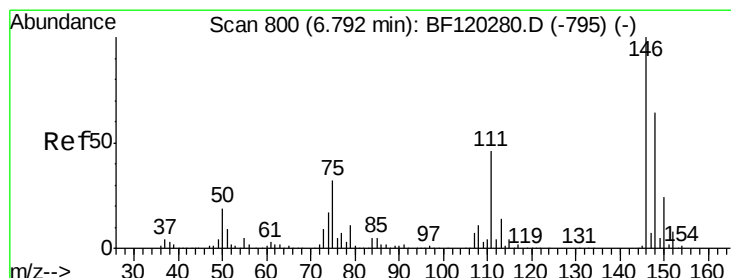
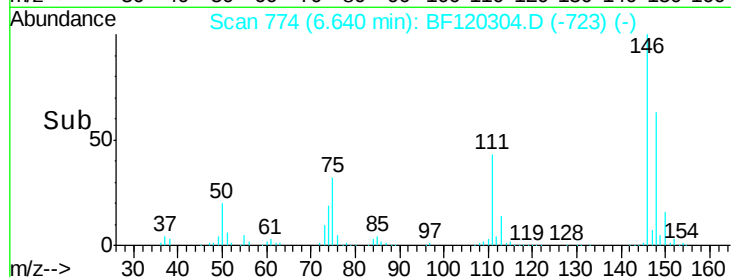
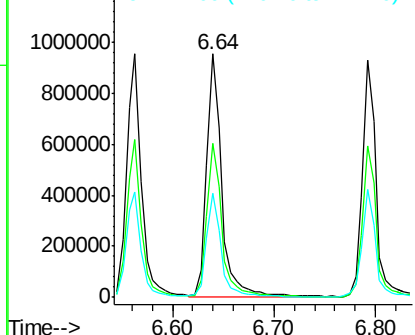
#13
 1,4-Dichlorobenzene
 Concen: 36.904 ng
 RT: 6.64 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF120304.D
 Acq: 14 May 2020 21:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 995864
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.6 77.4
 111 42.6 35.1 52.7

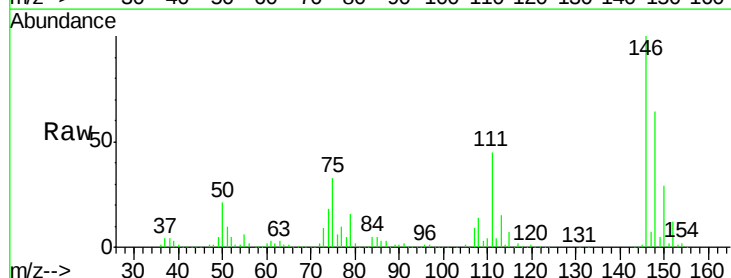


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

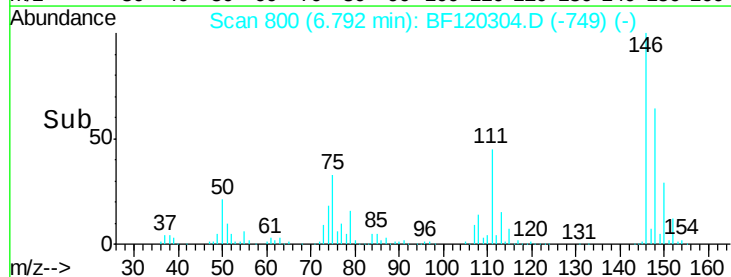
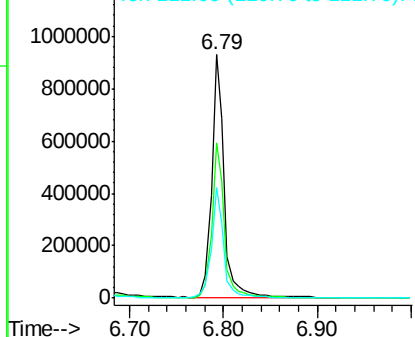


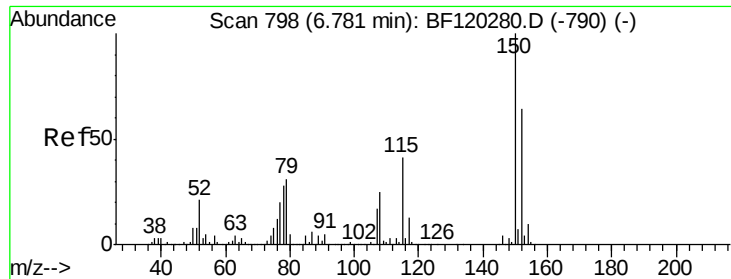
#14
 1,2-Dichlorobenzene
 Concen: 35.993 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF120304.D
 Acq: 14 May 2020 21:28

Tgt Ion:146 Resp: 874655
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.1 76.7
 111 45.2 36.6 55.0



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





#15

Benzyl Alcohol

Concen: 39.360 ng

RT: 6.78 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampled :

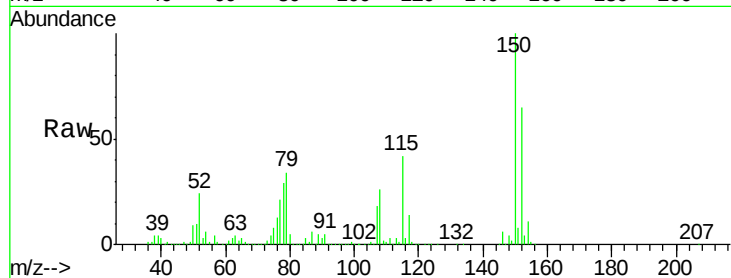
Tot Ion: 79 Resp: 742578

Ion Ratio Lower Upper

79 100

108 76.0 64.2 96.4

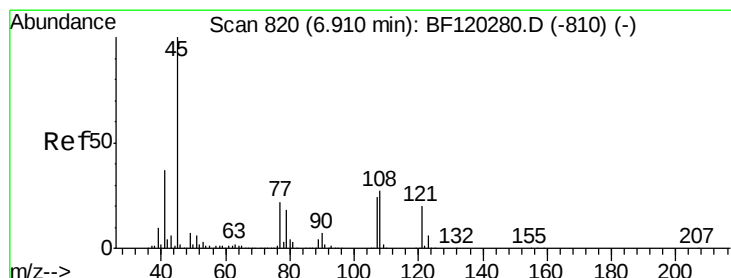
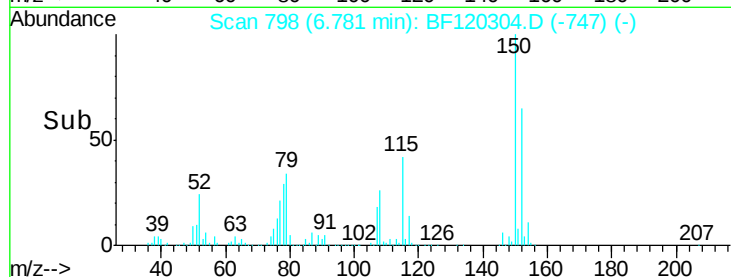
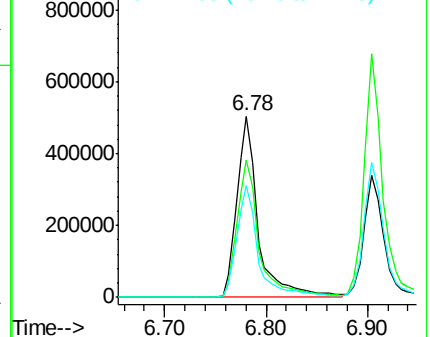
77 61.7 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.786 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

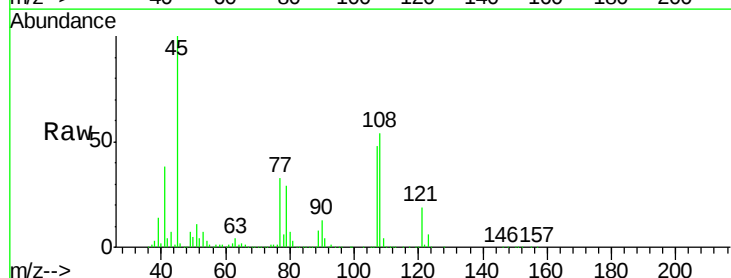
Tgt Ion: 45 Resp: 1435560

Ion Ratio Lower Upper

45 100

77 32.7 3.1 43.1

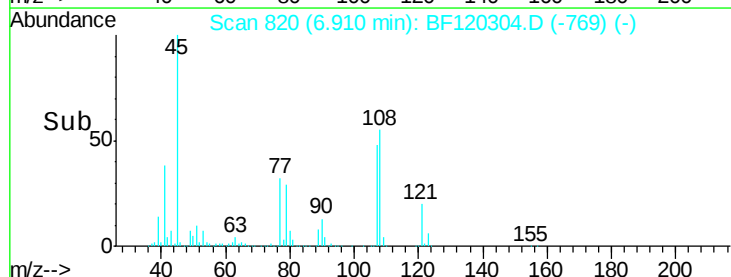
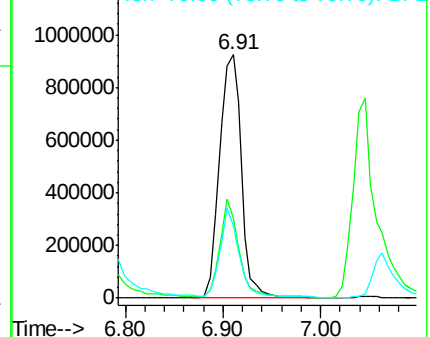
79 29.5 0.0 40.0

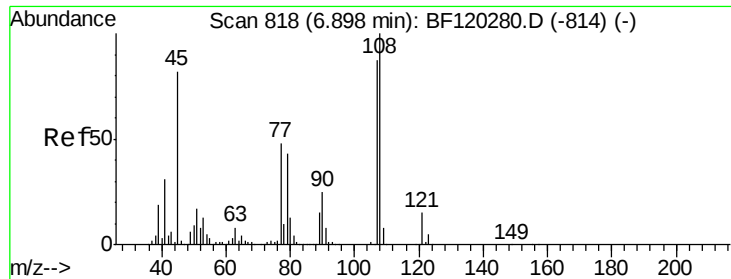


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 36.251 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 749305

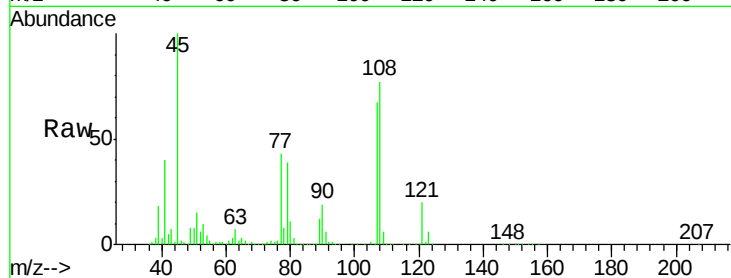
Ion Ratio Lower Upper

107 100

108 114.7 92.4 138.6

77 63.8 44.5 66.7

79 57.8 40.4 60.6

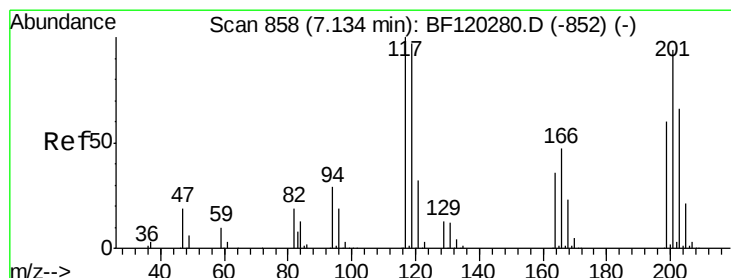
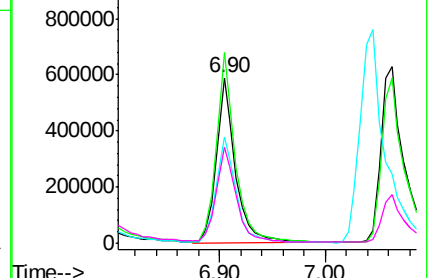
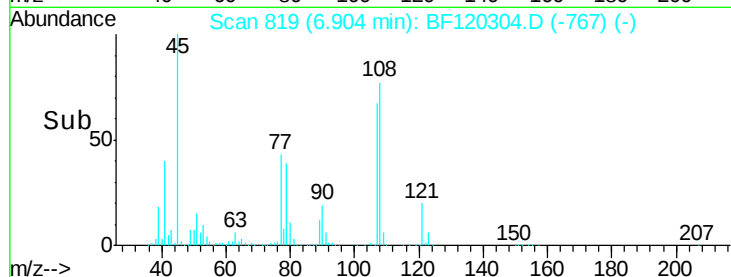


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.848 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

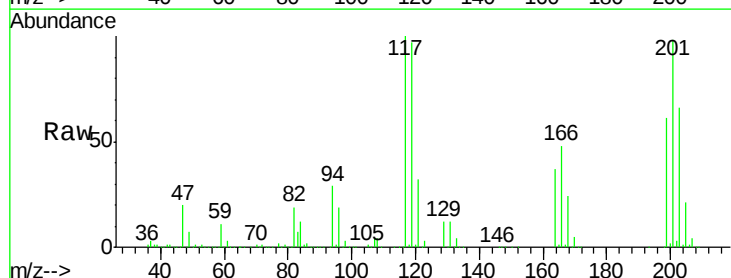
Tgt Ion:117 Resp: 368522

Ion Ratio Lower Upper

117 100

119 97.3 77.4 116.0

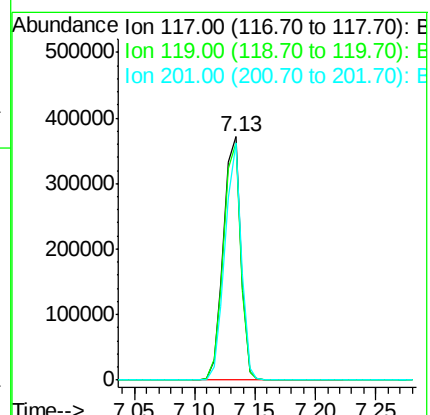
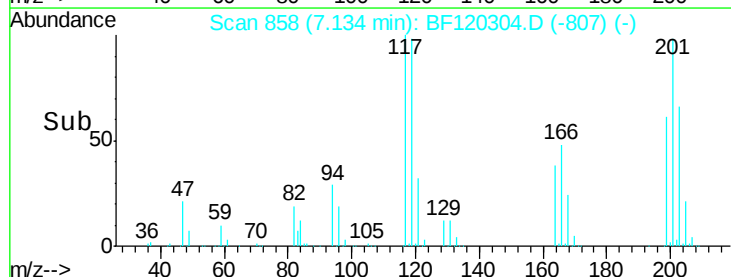
201 97.6 74.9 112.3

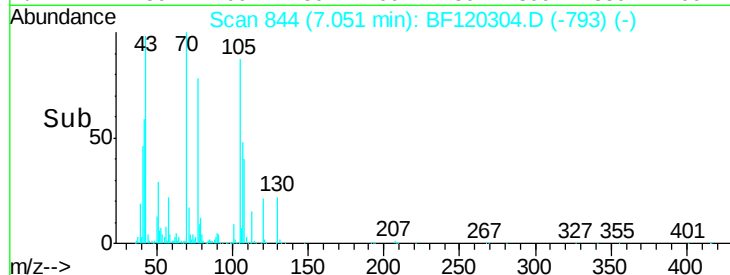
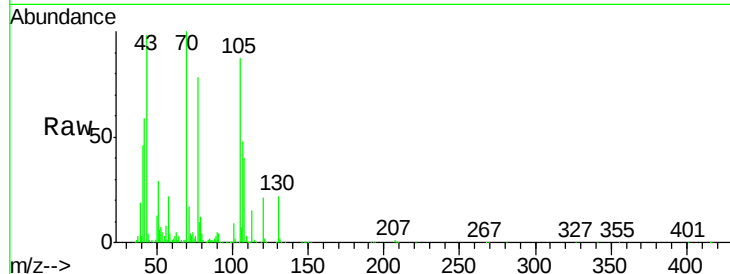
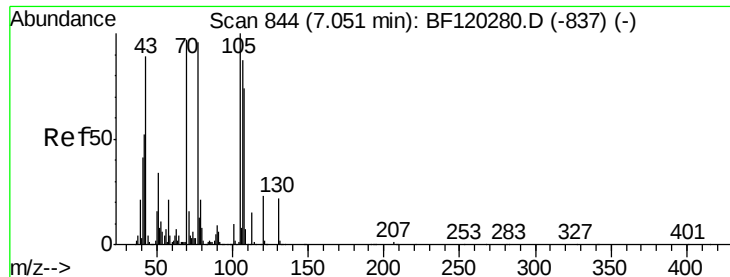


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

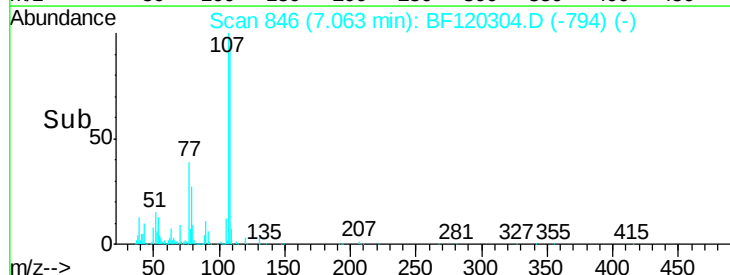
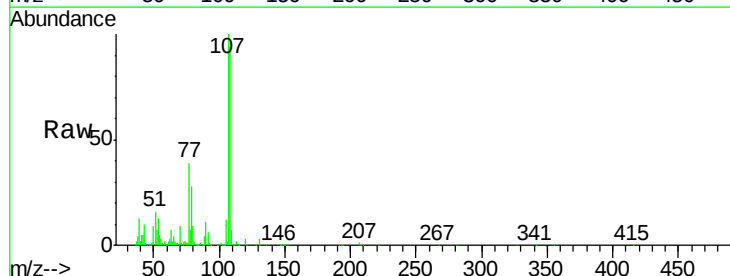
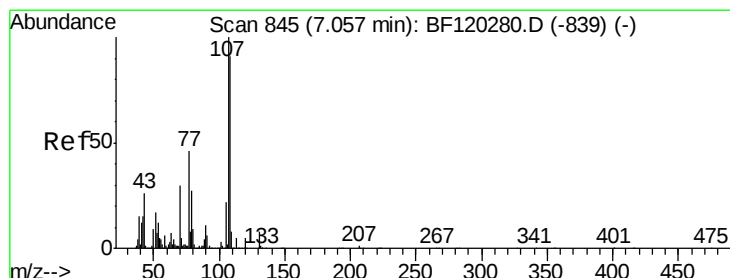
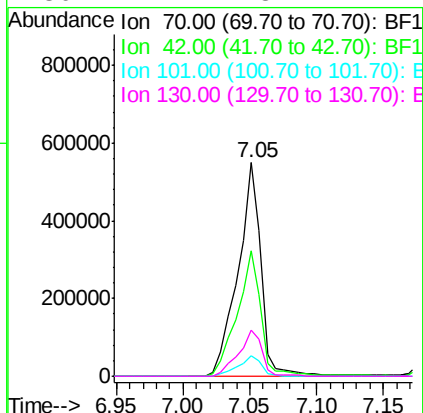




#19
n-Nitroso-di-n-propylamine
Concen: 38.093 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

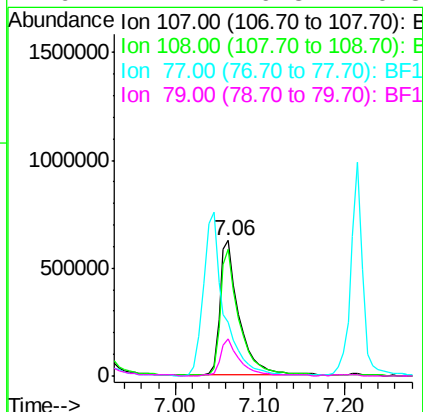
Instrument :
BNA_F
ClientSampleId :

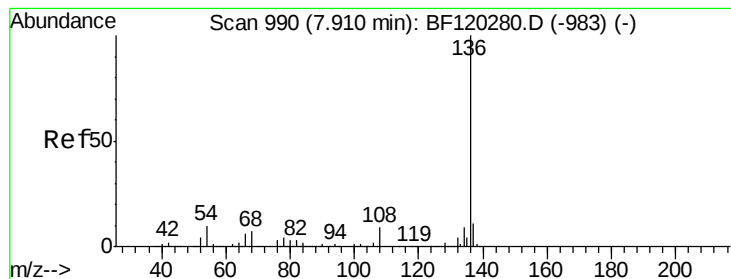
Tot Ion:	70	Resp:	662737
Ion	Ratio	Lower	Upper
70	100		
42	58.7	43.4	65.0
101	9.5	7.8	11.8
130	21.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 37.273 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion:	107	Resp:	1001679
Ion	Ratio	Lower	Upper
107	100		
108	93.7	71.1	111.1
77	39.3	28.1	68.1
79	27.7	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: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1597342

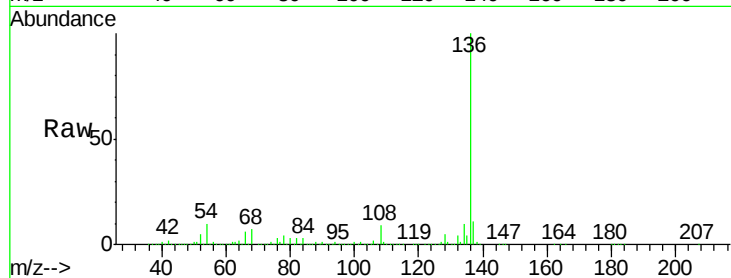
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.9 7.9 11.9

68 6.6 5.4 8.2

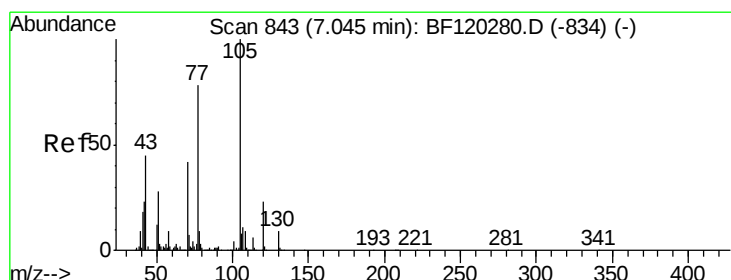
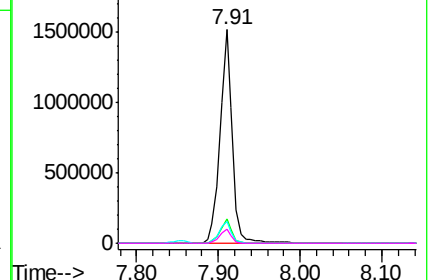
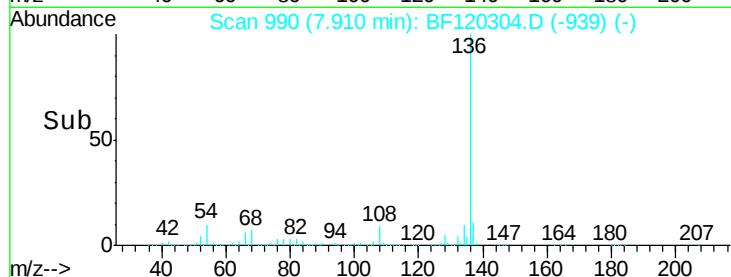


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.229 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Tgt Ion:105 Resp: 1316417

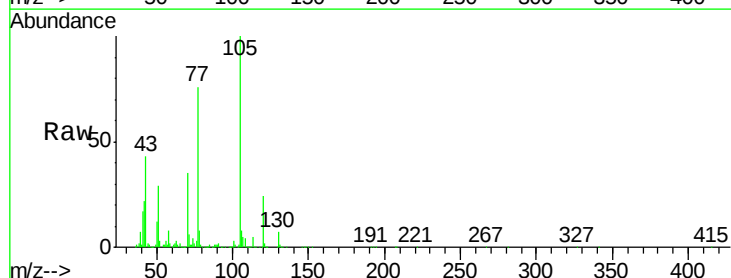
Ion Ratio Lower Upper

105 100

71 5.8 5.6 8.4

51 28.8 22.6 34.0

120 23.6 18.7 28.1

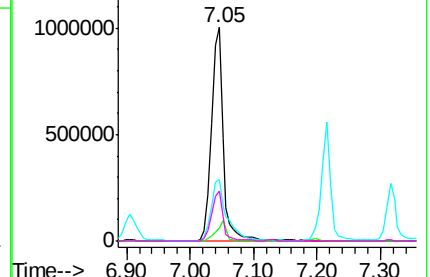
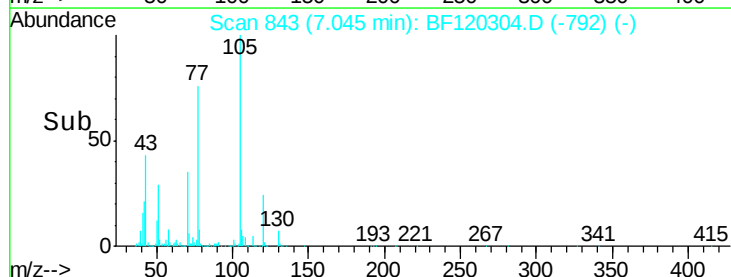


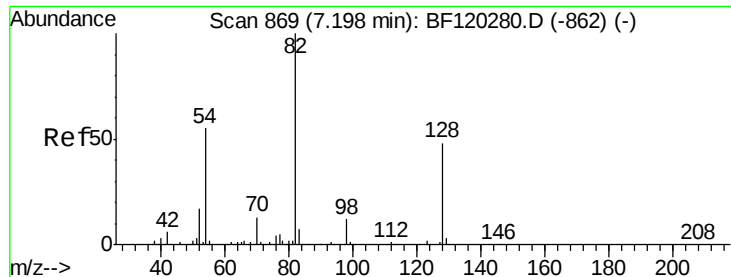
Abundance Ion 105.00 (104.70 to 105.70): E

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

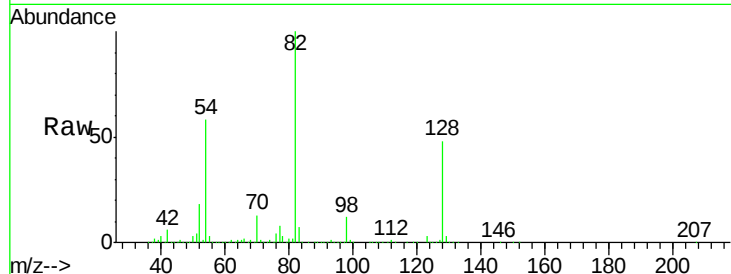




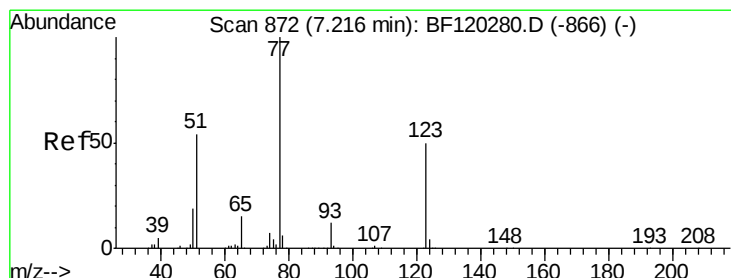
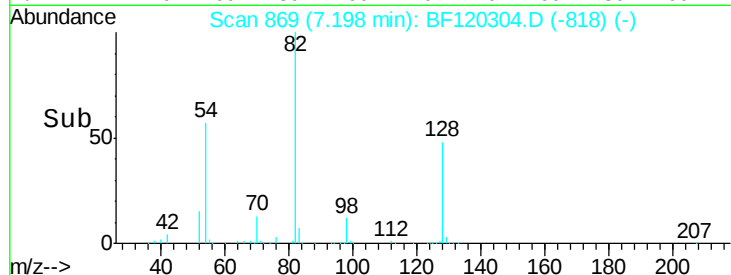
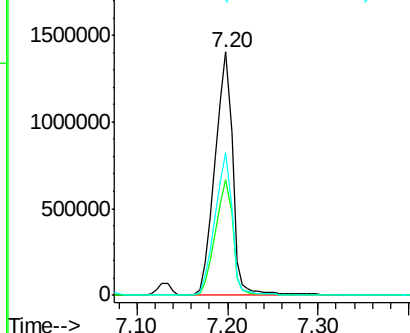
#23
Nitrobenzene-d5
Concen: 81.984 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1912712
Ion Ratio Lower Upper
82 100
128 47.6 38.3 57.5
54 58.3 43.9 65.9

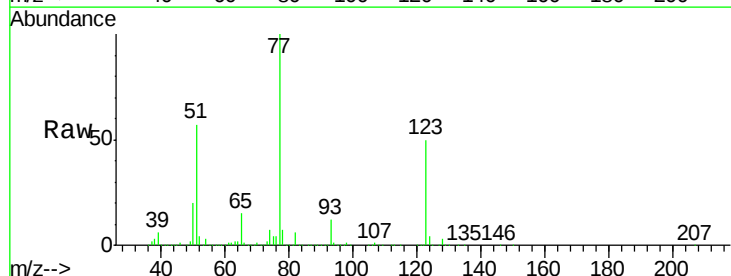


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

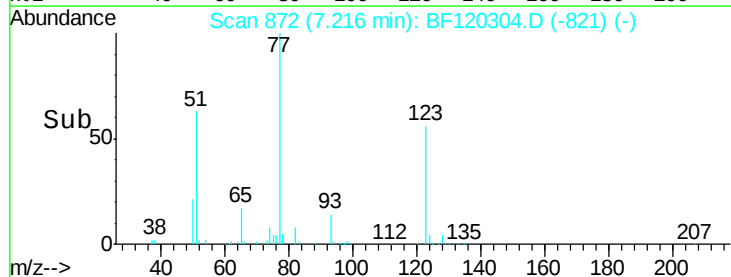
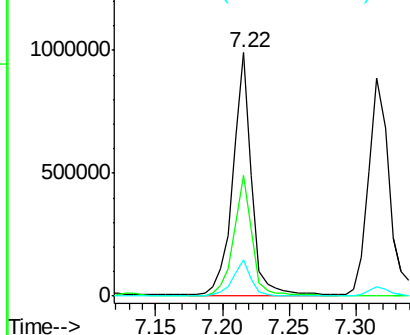


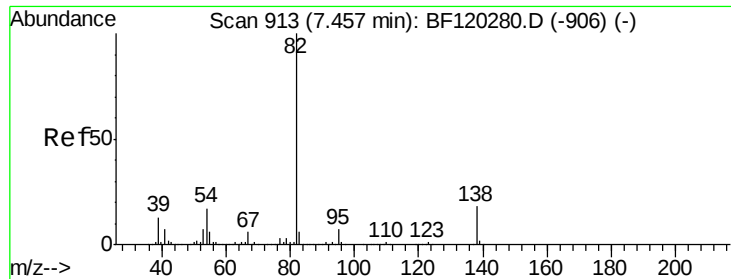
#24
Nitrobenzene
Concen: 38.938 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion: 77 Resp: 977670
Ion Ratio Lower Upper
77 100
123 49.7 40.0 60.0
65 14.9 11.7 17.5



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





#25

Isophorone

Concen: 38.071 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

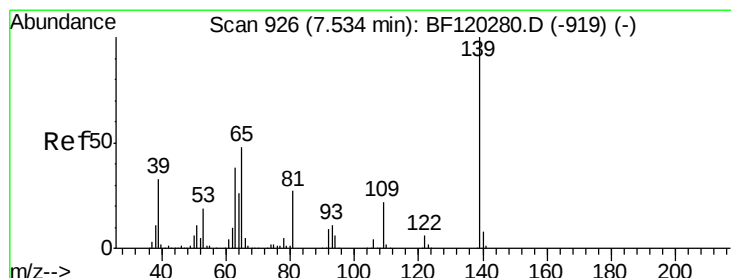
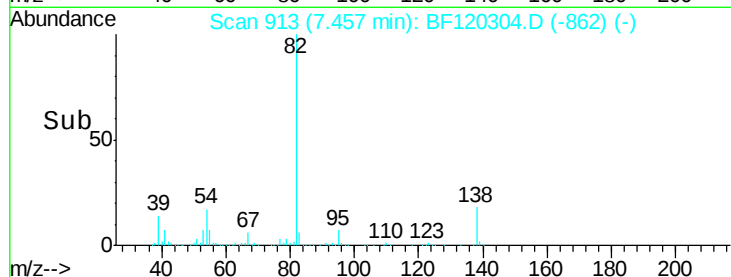
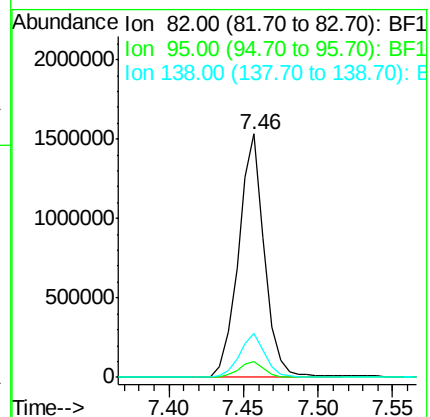
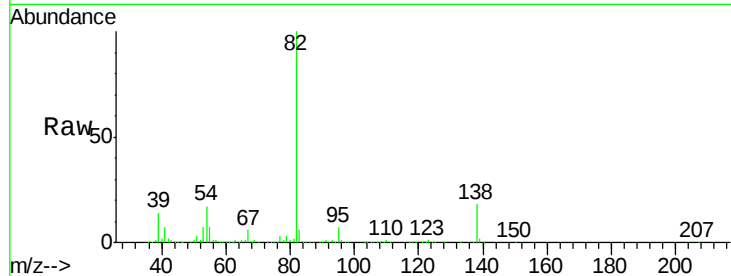
Tot Ion: 82 Resp: 1848097

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.0

138 18.1 14.7 22.1



#26

2-Nitrophenol

Concen: 40.207 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

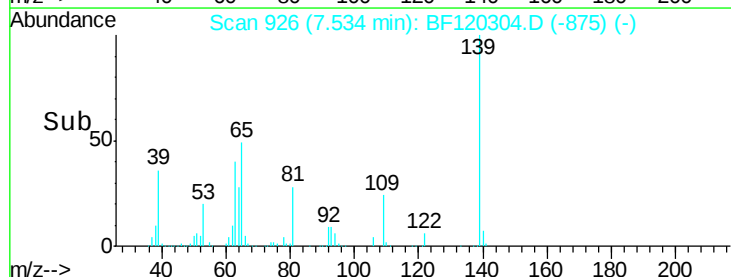
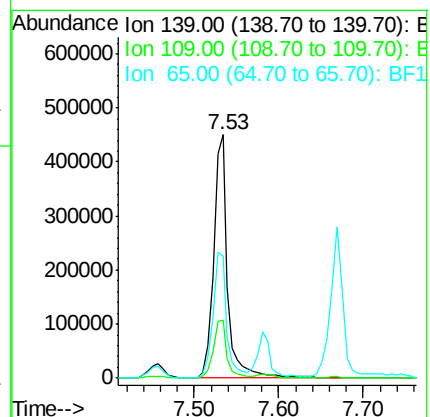
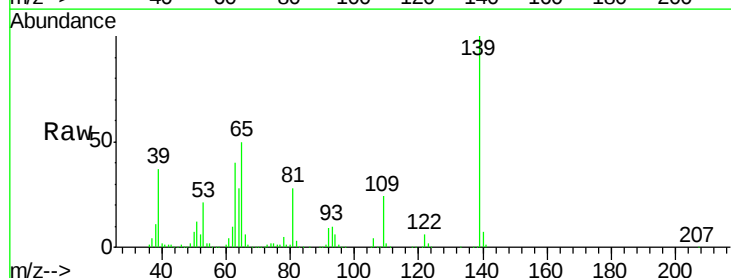
Tgt Ion: 139 Resp: 527989

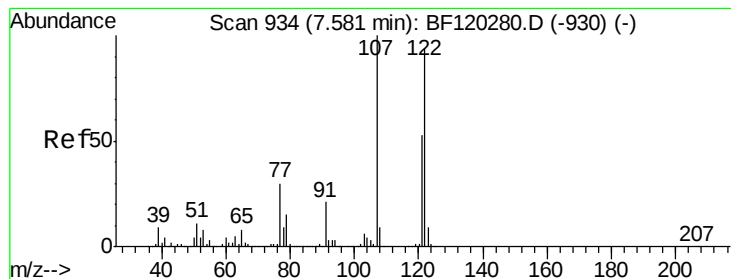
Ion Ratio Lower Upper

139 100

109 23.7 17.7 26.5

65 50.2 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 42.991 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

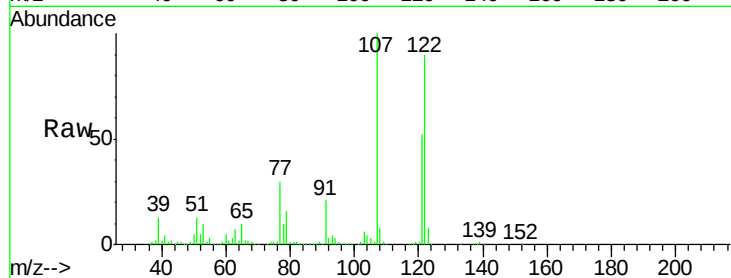
Tot Ion:122 Resp: 821221

Ion Ratio Lower Upper

122 100

107 110.7 85.0 127.6

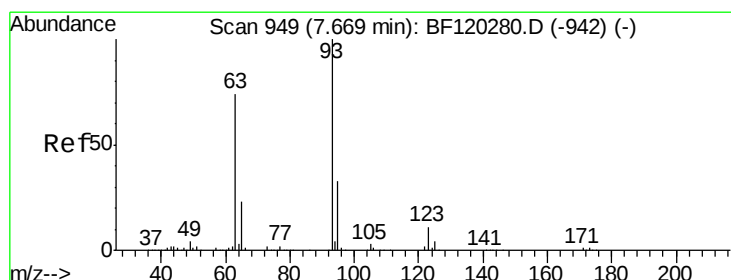
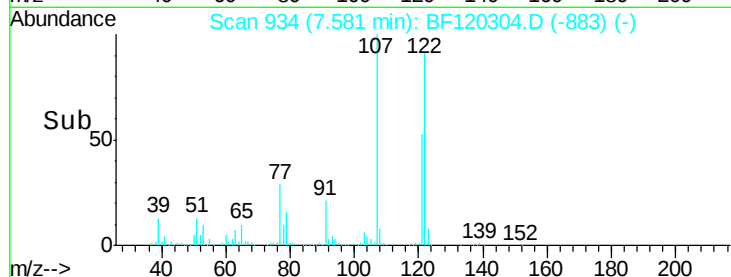
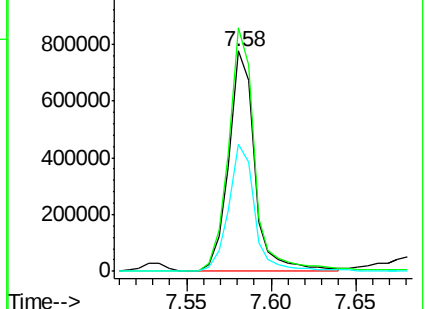
121 58.0 45.1 67.7



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: 39.586 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

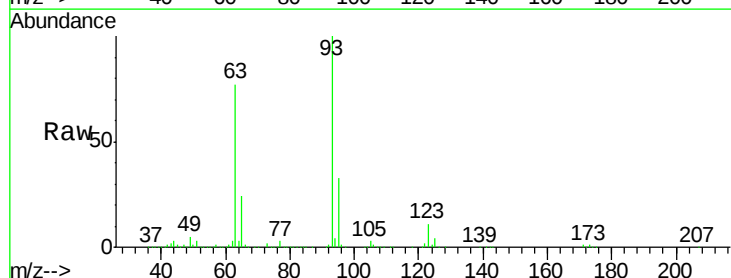
Tgt Ion: 93 Resp: 1207846

Ion Ratio Lower Upper

93 100

95 33.0 26.8 40.2

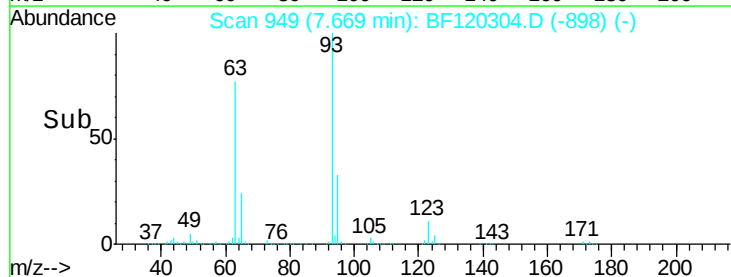
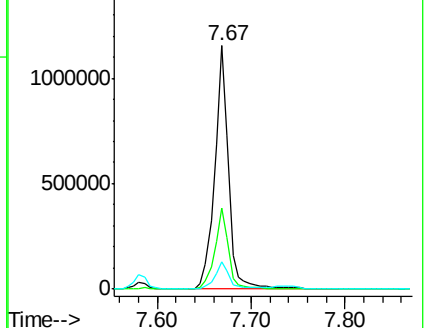
123 11.2 9.2 13.8

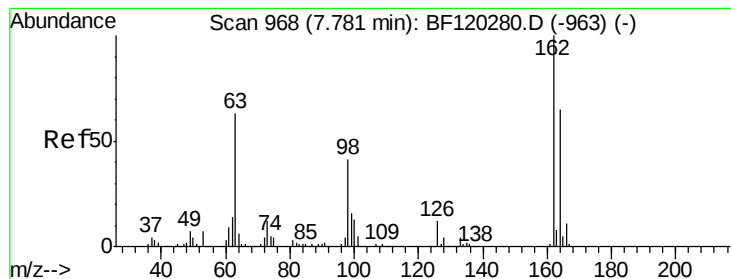


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.275 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

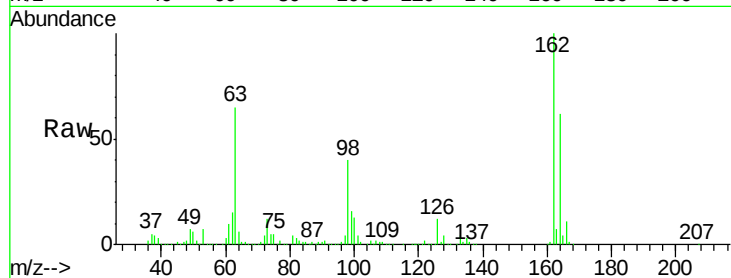
Tot Ion:162 Resp: 770524

Ion Ratio Lower Upper

162 100

164 62.3 44.9 84.9

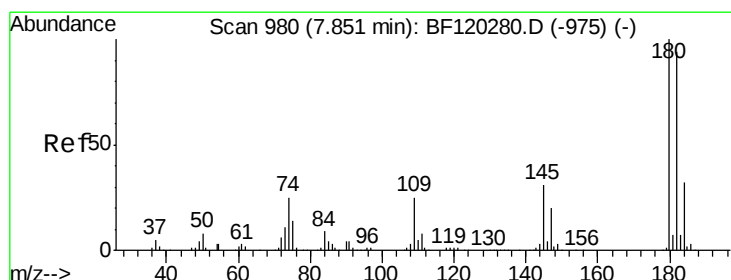
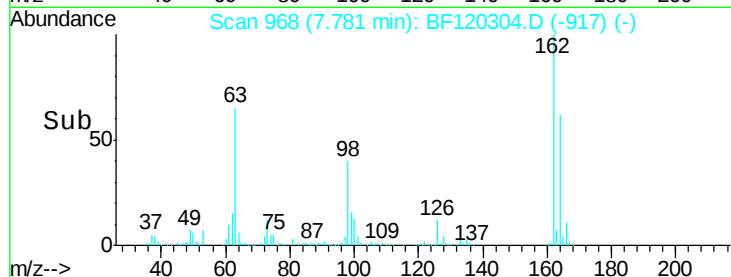
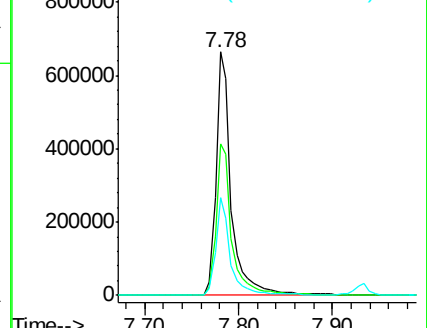
98 40.0 20.7 60.7



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: 37.922 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

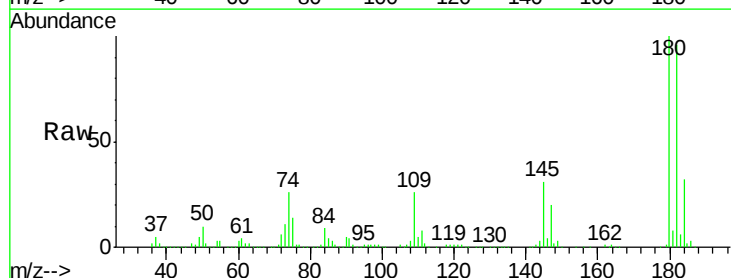
Tgt Ion:180 Resp: 824459

Ion Ratio Lower Upper

180 100

182 95.9 75.3 112.9

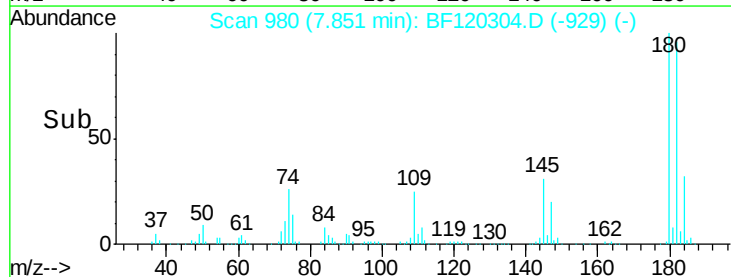
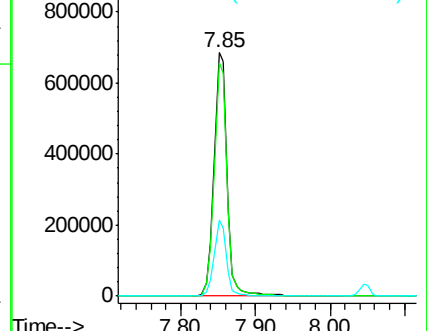
145 31.1 24.9 37.3

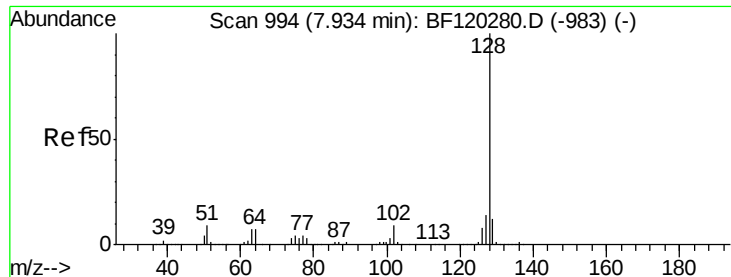


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

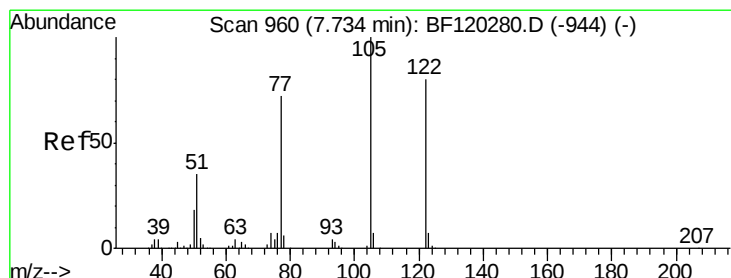
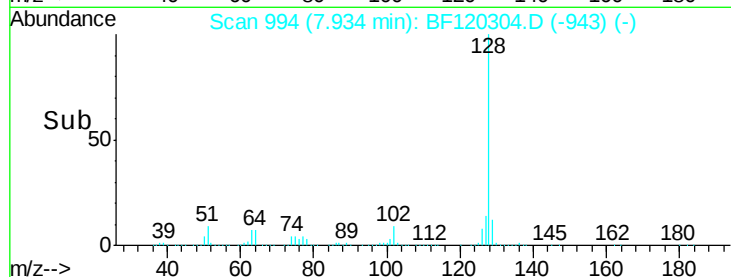
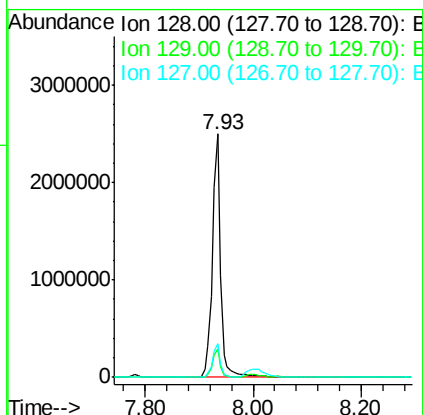
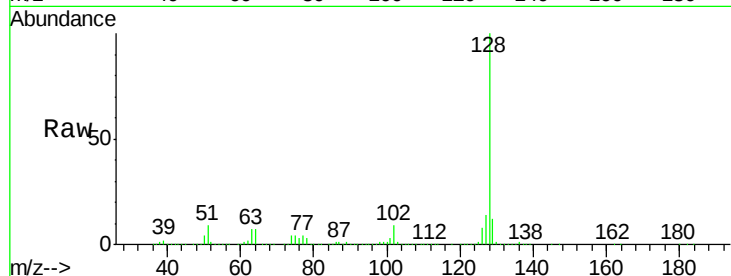




#31
Naphthalene
Concen: 39.396 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

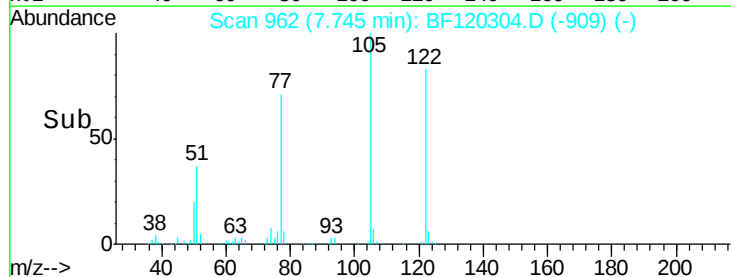
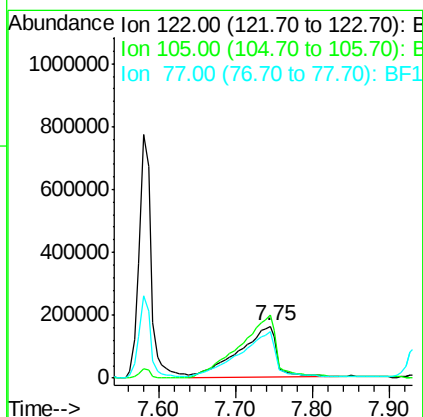
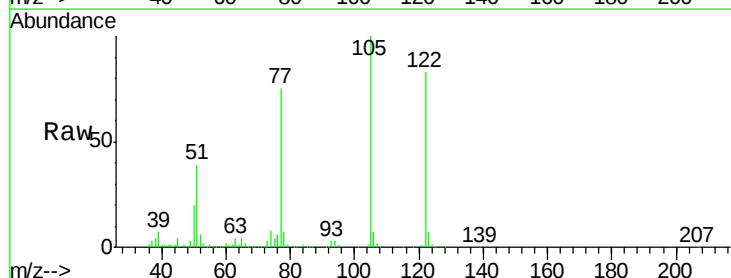
Instrument :
BNA_F
ClientSampleId :

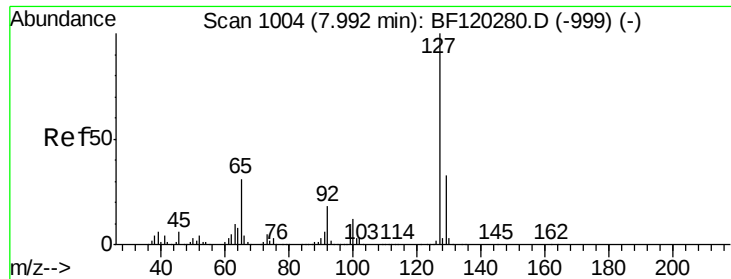
Tot Ion:128 Resp: 2655890
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.7 11.2 16.8



#32
Benzoic acid
Concen: 44.291 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion:122 Resp: 554575
Ion Ratio Lower Upper
122 100
105 120.9 98.1 138.1
77 90.7 66.7 106.7

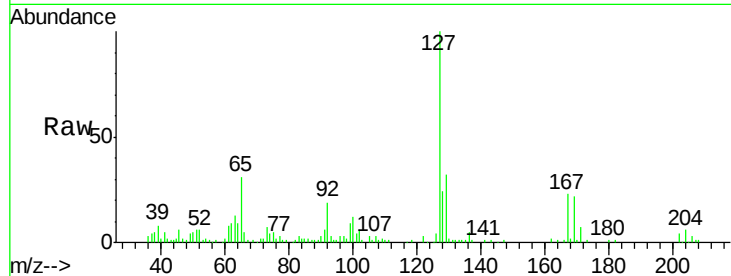




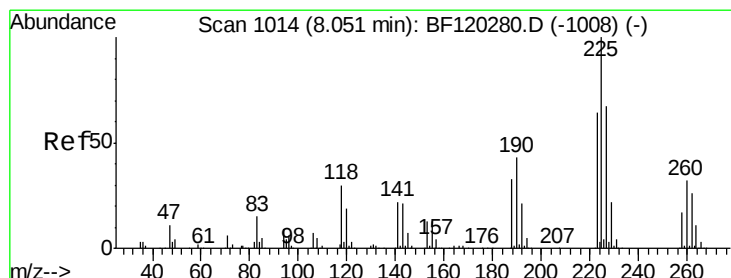
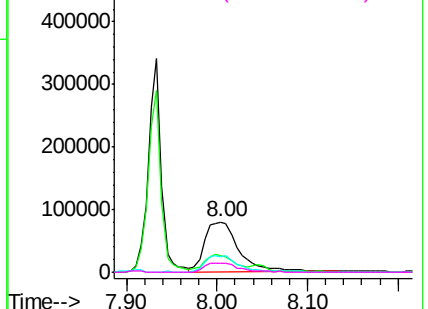
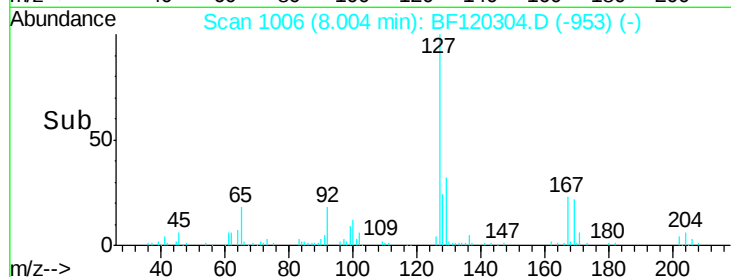
#33
4-Chloroaniline
Concen: 6.797 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	208820
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	31.4	24.8	37.2
92	19.0	14.5	21.7

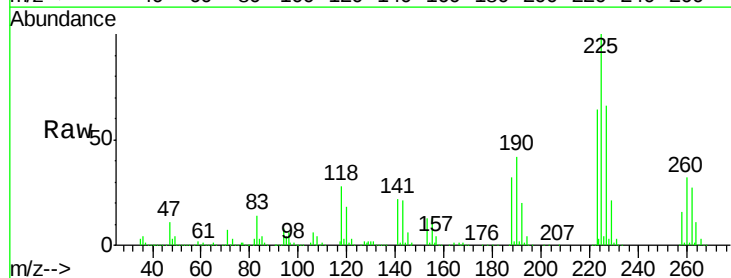


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

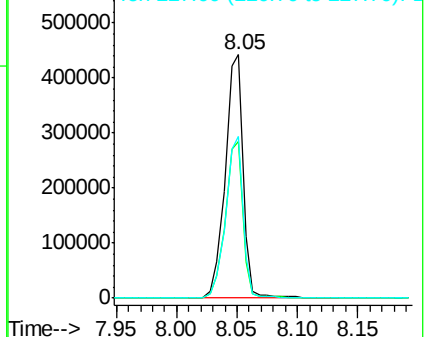
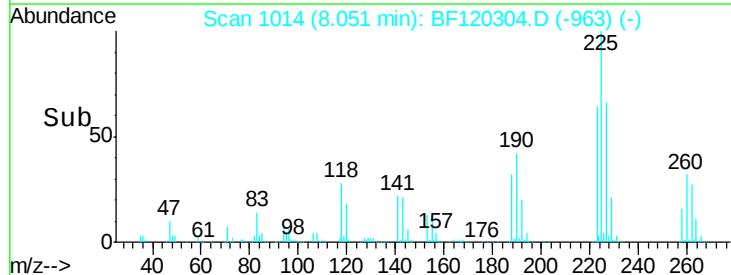


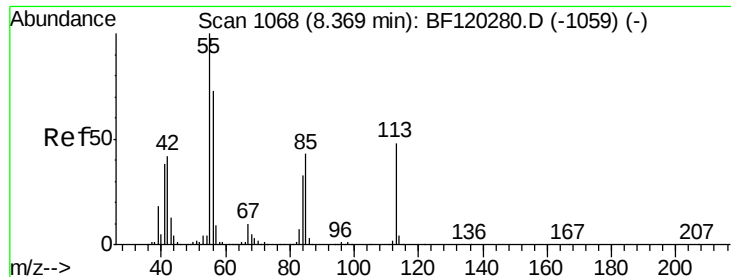
#34
Hexachlorobutadiene
Concen: 36.314 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion:	225	Resp:	456327
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.0
227	66.2	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: 25.904 ng

RT: 8.37 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

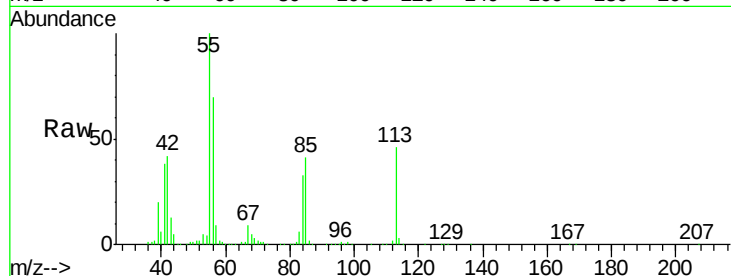
Tot Ion:113 Resp: 166265

Ion Ratio Lower Upper

113 100

55 217.6 190.4 230.4

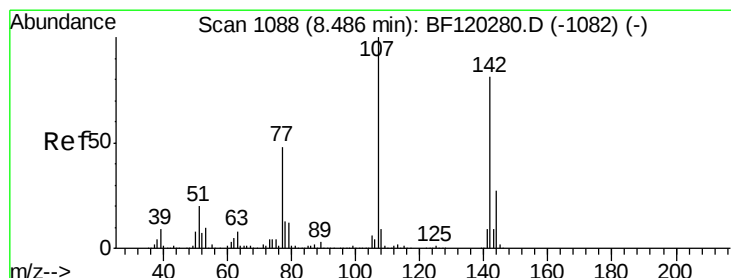
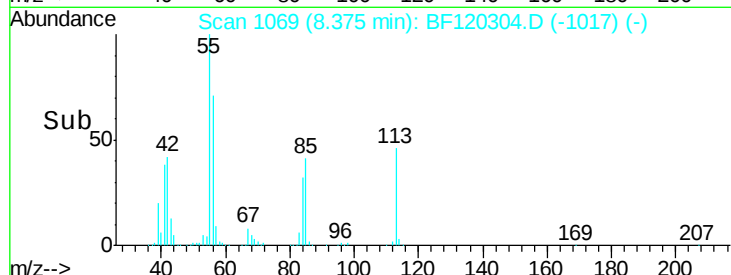
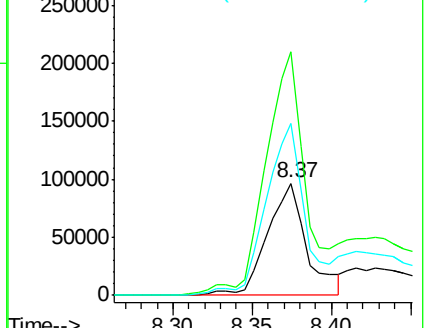
56 153.4 132.7 172.7



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: 37.618 ng

RT: 8.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

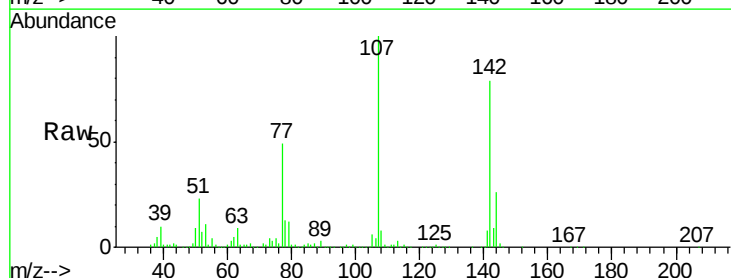
Tgt Ion:107 Resp: 798379

Ion Ratio Lower Upper

107 100

144 25.6 21.4 32.2

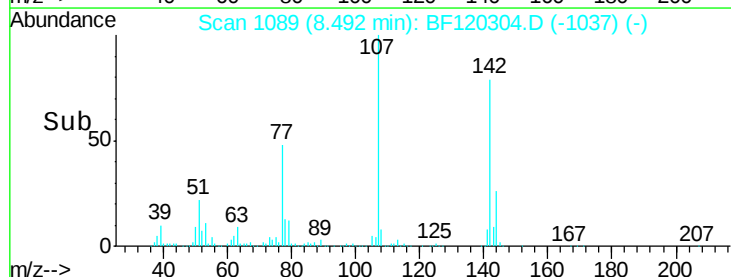
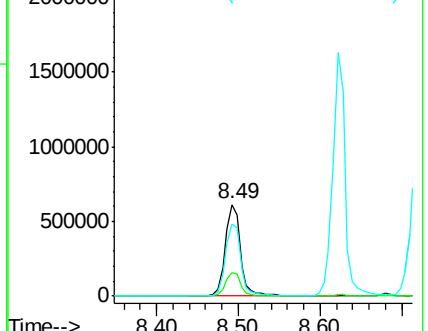
142 79.4 65.1 97.7

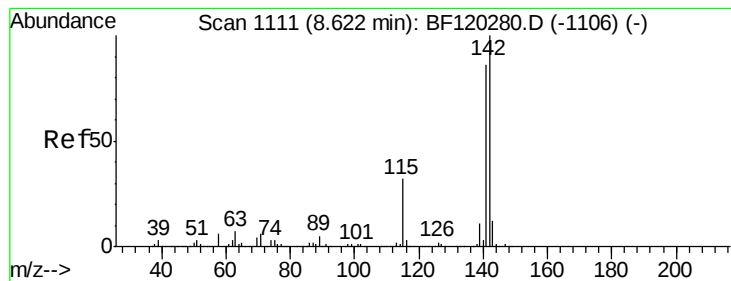


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

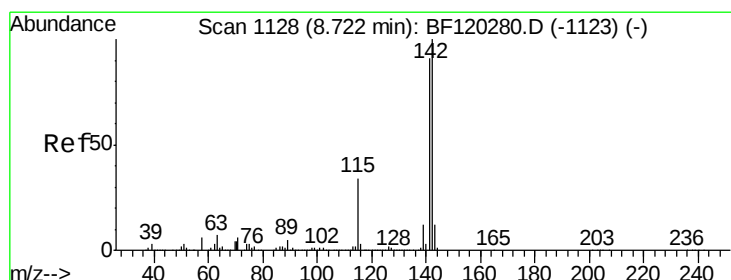
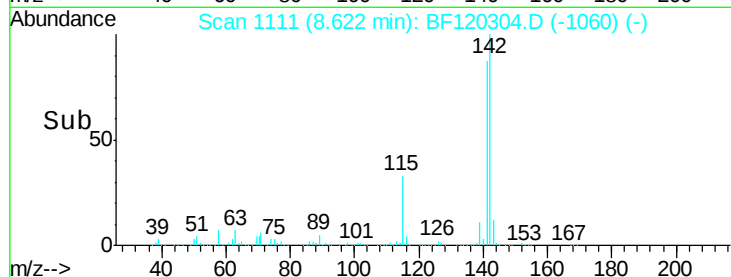
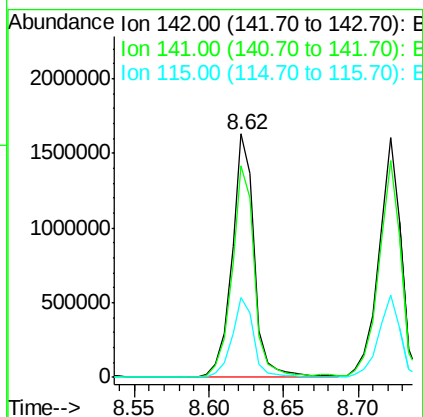
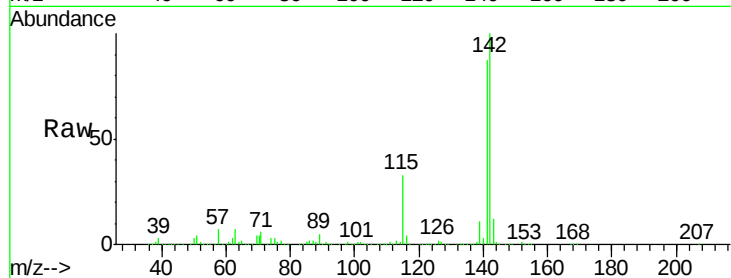




#37
2-Methylnaphthalene
Concen: 37.209 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

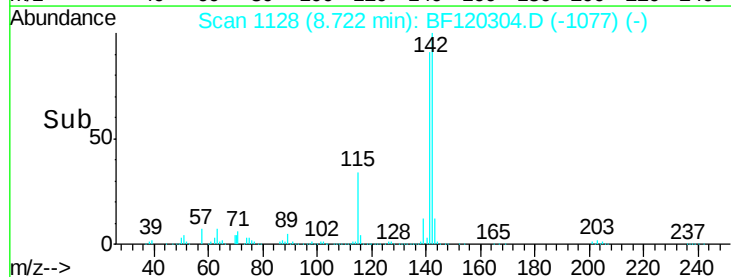
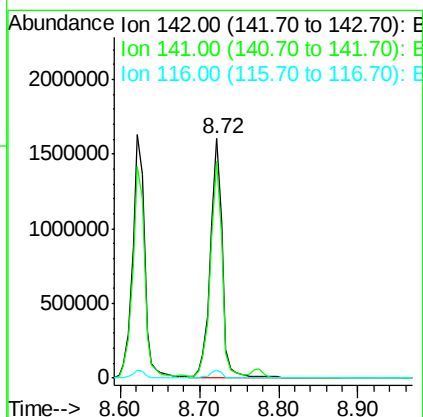
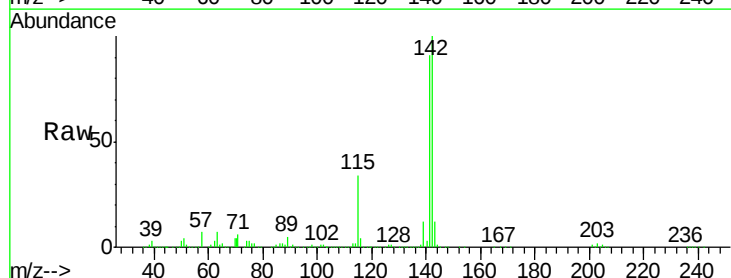
Instrument :
BNA_F
ClientSampleId :

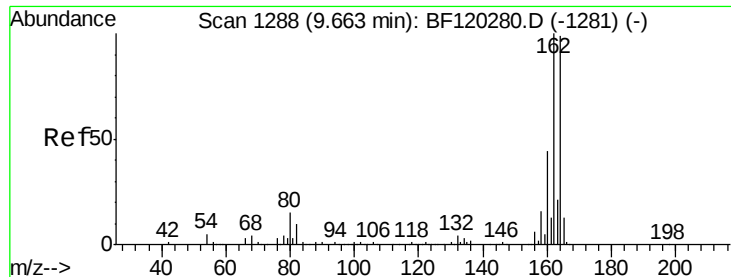
Tot Ion:142 Resp: 1716614
Ion Ratio Lower Upper
142 100
141 87.0 68.8 103.2
115 32.9 25.7 38.5



#38
1-Methylnaphthalene
Concen: 37.199 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion:142 Resp: 1664452
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.6
116 3.5 2.7 4.1

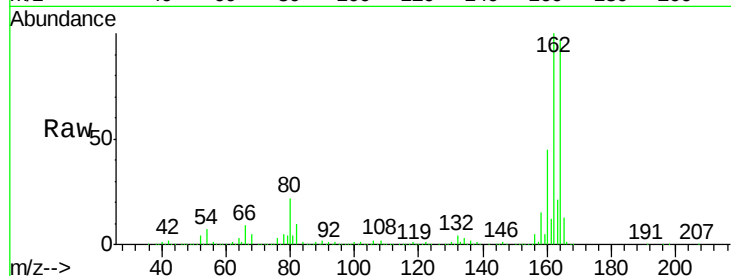




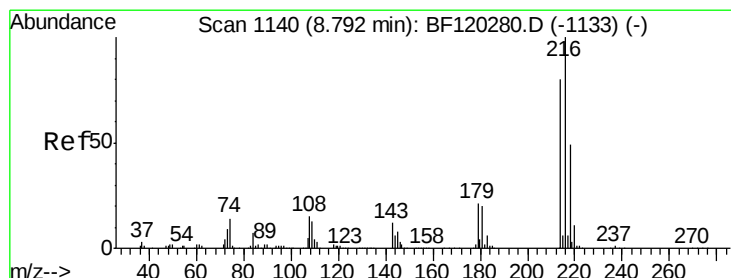
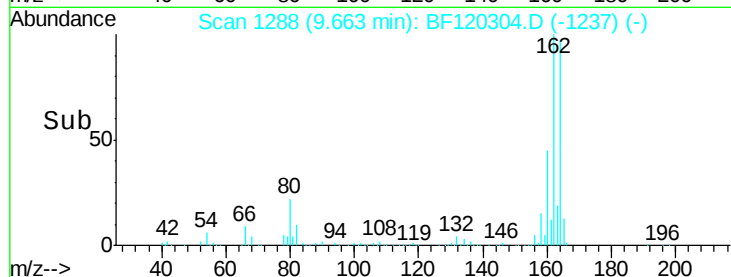
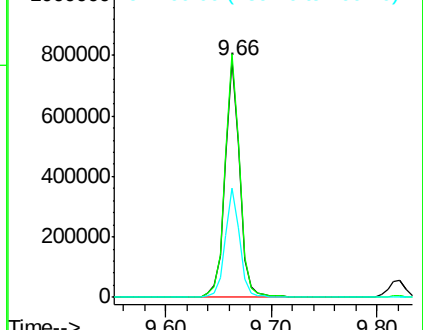
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.2	121.8
160	45.9	35.8	53.6



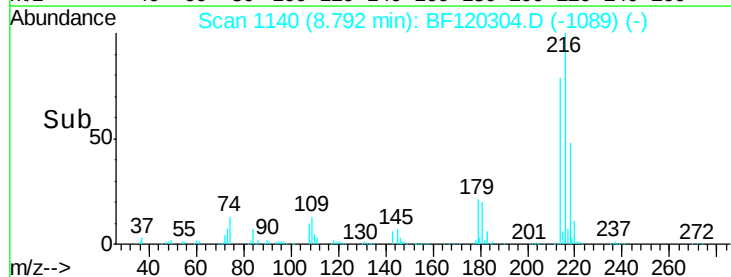
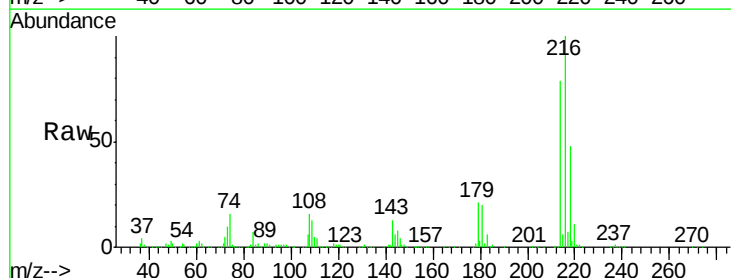
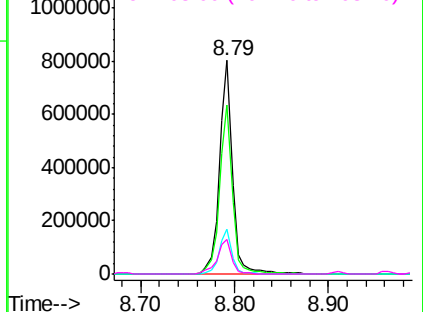
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

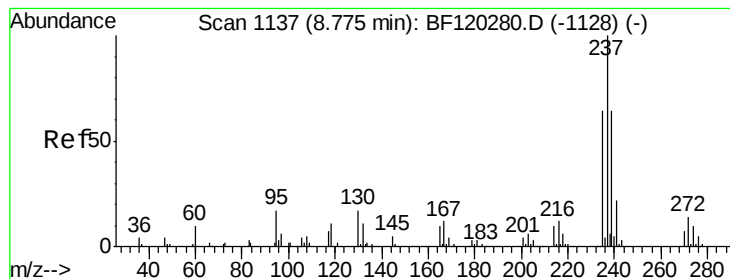


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.371 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.0	96.0
179	21.0	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: 55.431 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

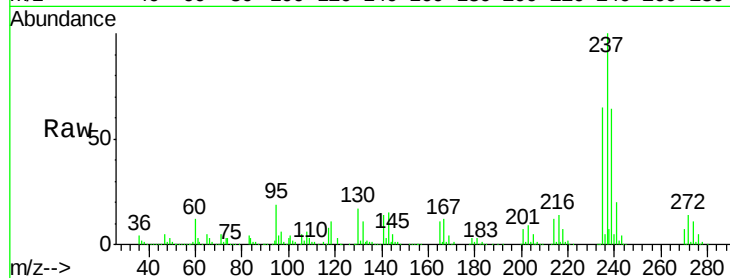
Tot Ion:237 Resp: 421478

Ion Ratio Lower Upper

237 100

235 64.6 43.8 83.8

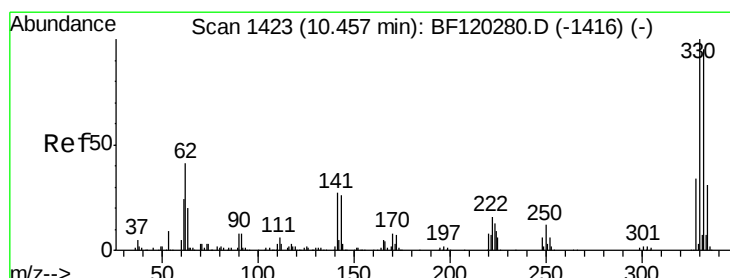
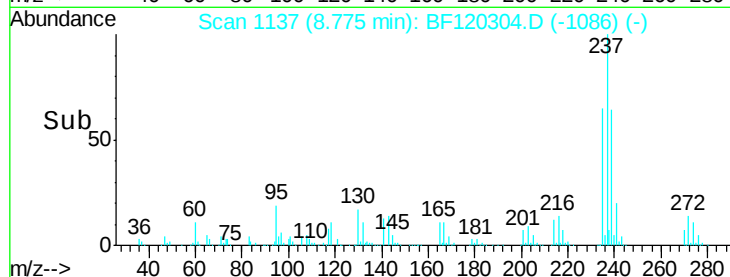
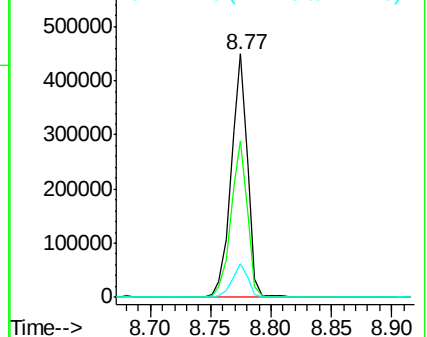
272 13.7 0.0 33.9



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: 104.653 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

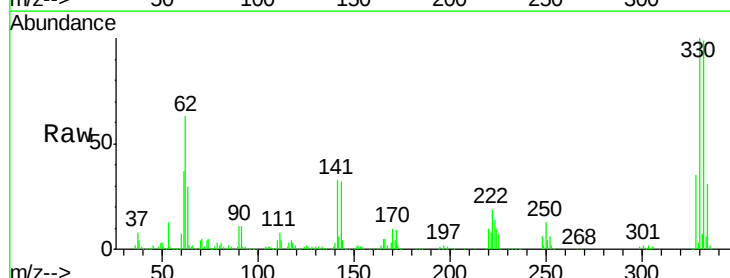
Tgt Ion:330 Resp: 649779

Ion Ratio Lower Upper

330 100

332 99.7 76.5 114.7

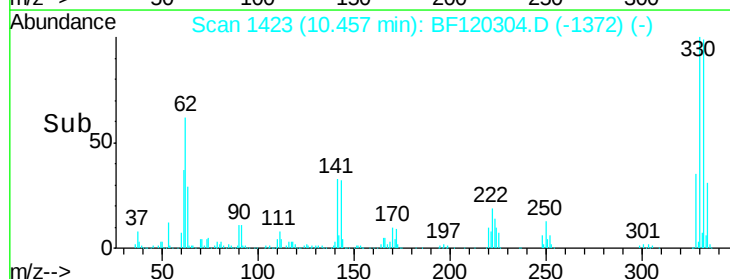
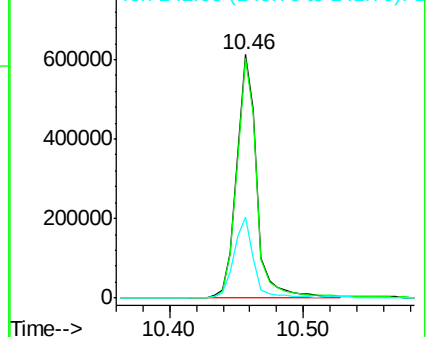
141 32.2 25.4 38.0

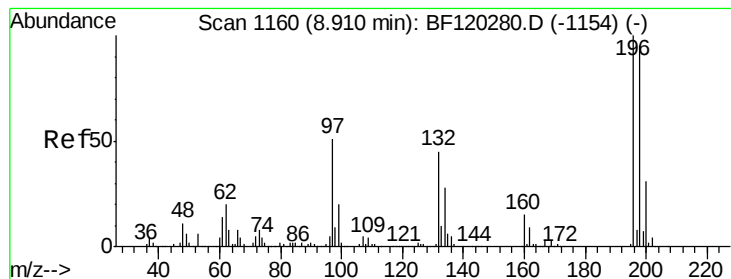


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.784 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampled :

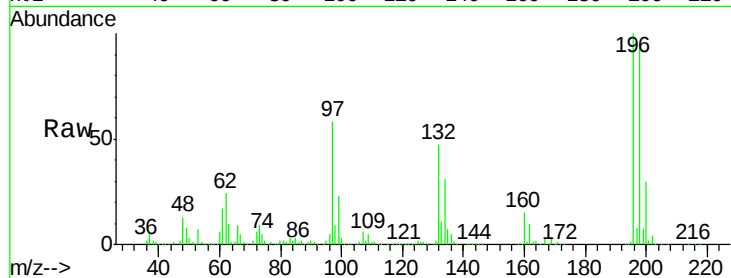
Tot Ion:196 Resp: 512777

Ion Ratio Lower Upper

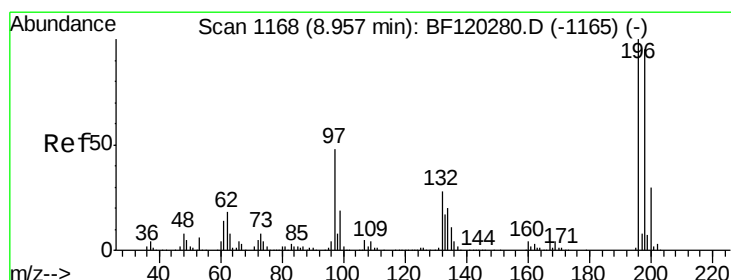
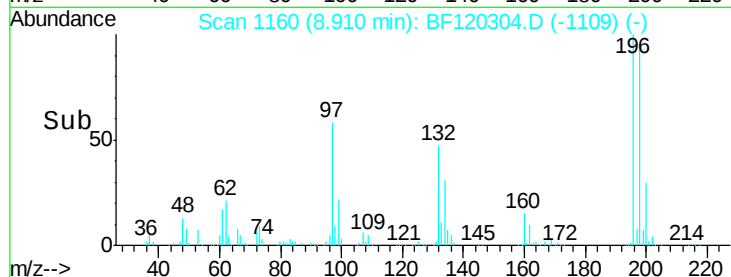
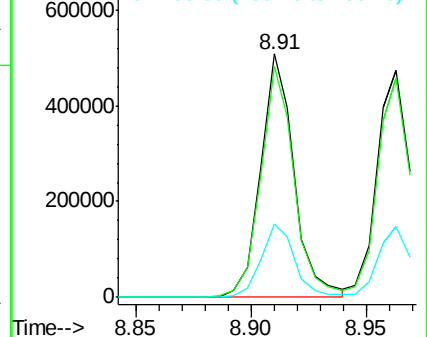
196 100

198 95.0 76.2 114.4

200 30.0 24.9 37.3



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



#44

2,4,5-Trichlorophenol

Concen: 36.527 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Tgt Ion:196 Resp: 540665

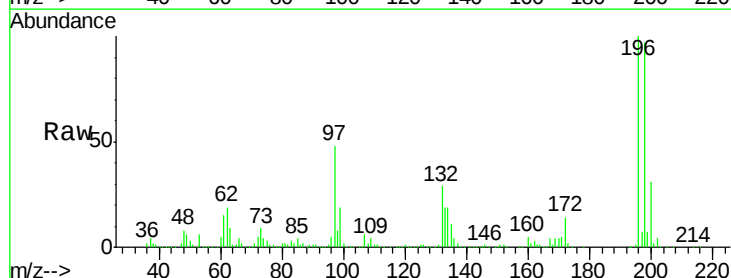
Ion Ratio Lower Upper

196 100

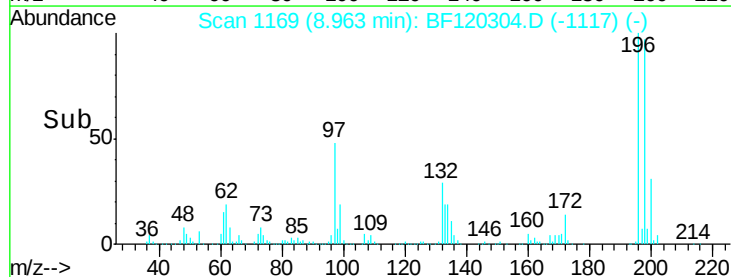
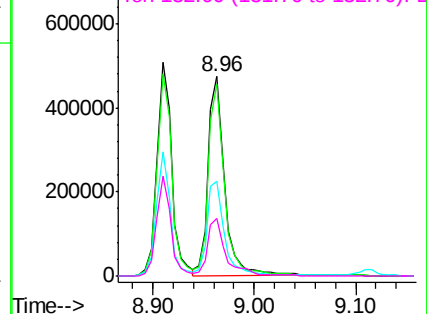
198 96.5 76.2 114.4

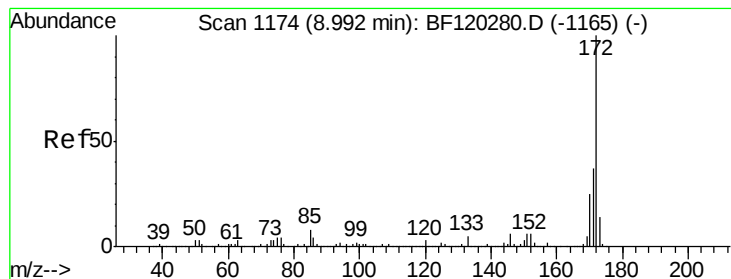
97 47.7 38.6 57.8

132 28.7 23.2 34.8



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

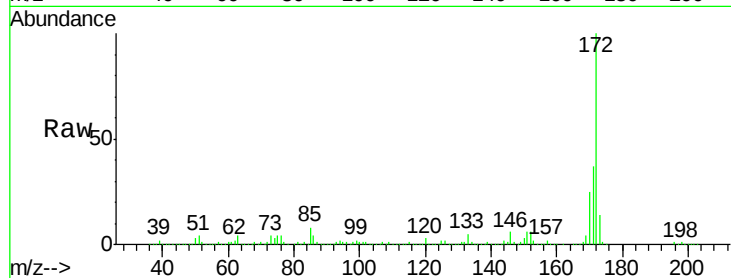




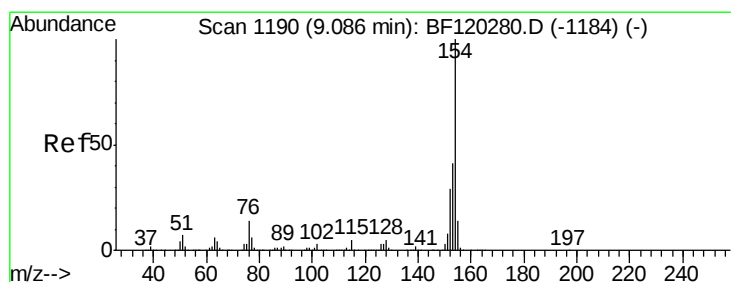
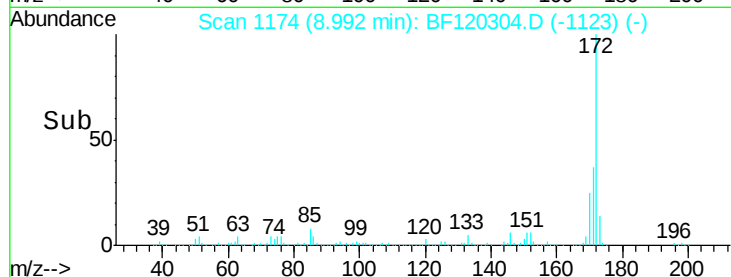
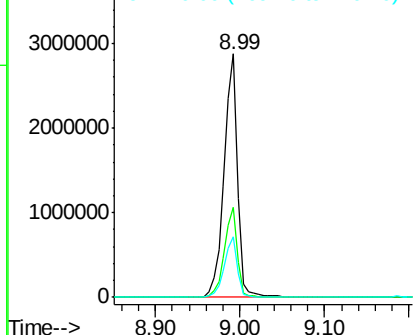
#45
2-Fluorobiphenyl
Concen: 85.777 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3179389
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.8 19.9 29.9

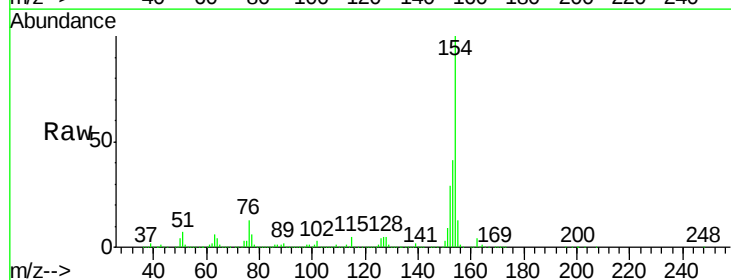


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

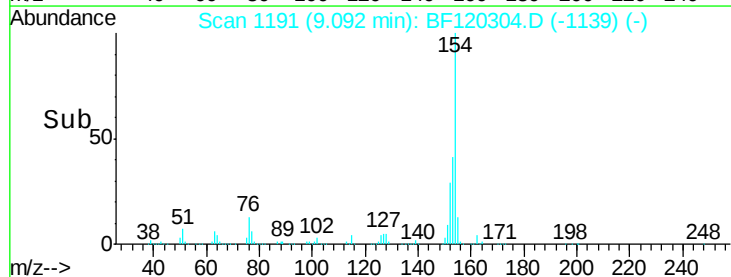
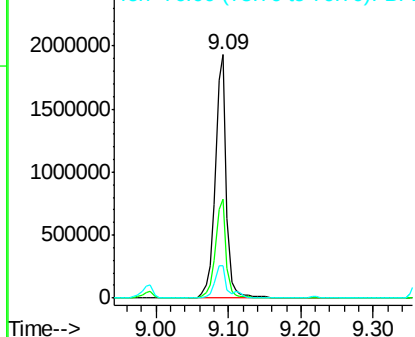


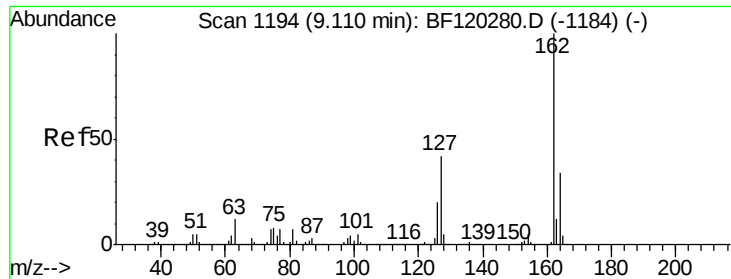
#46
1,1'-Biphenyl
Concen: 41.092 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion:154 Resp: 2050271
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 13.2 0.0 34.3



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

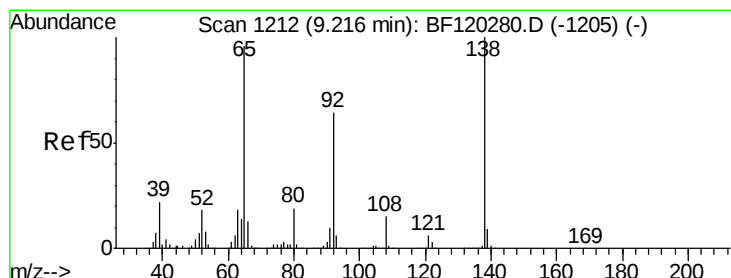
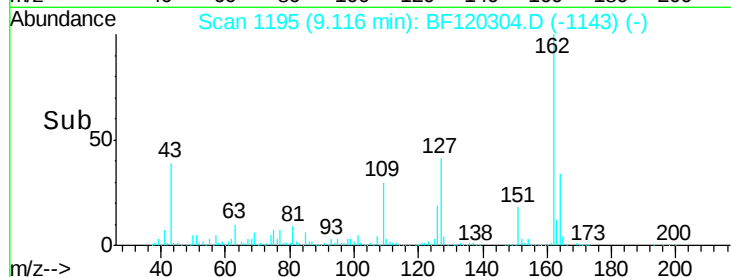
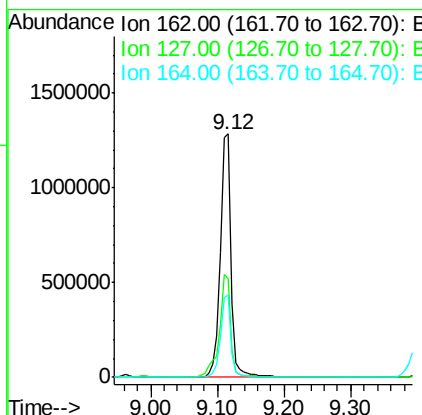
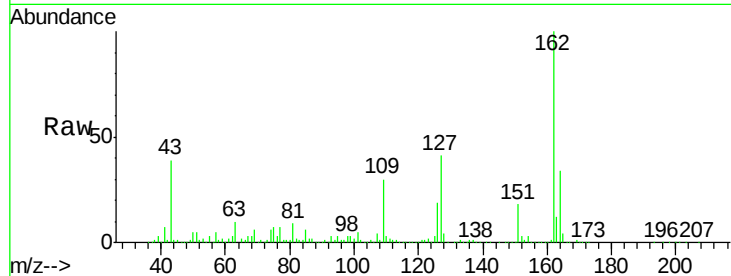




#47
 2-Chloronaphthalene
 Concen: 36.866 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF120304.D
 Acq: 14 May 2020 21:28

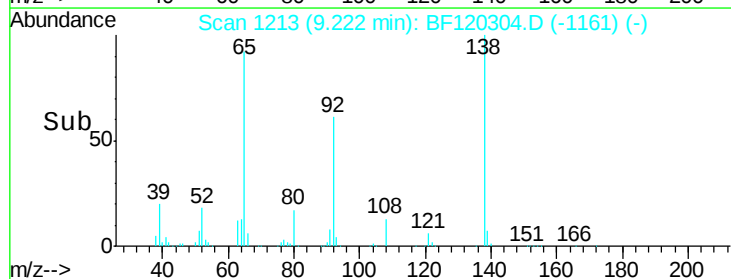
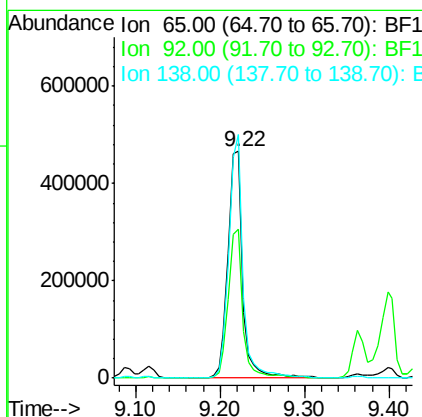
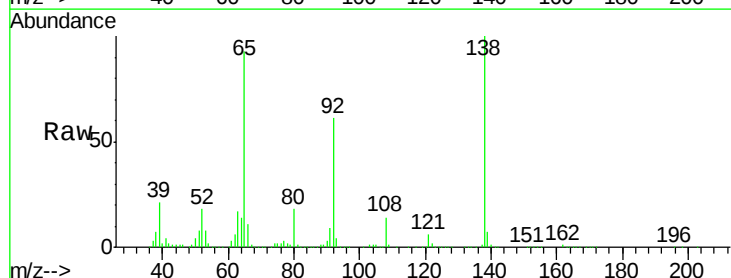
Instrument :
 BNA_F
 ClientSampleId :

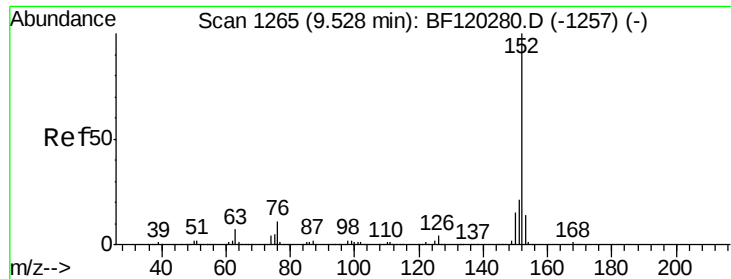
Tot Ion:162 Resp: 1475485
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.4 50.0
 164 33.8 27.0 40.6



#48
 2-Nitroaniline
 Concen: 38.401 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF120304.D
 Acq: 14 May 2020 21:28

Tgt Ion: 65 Resp: 560764
 Ion Ratio Lower Upper
 65 100
 92 65.8 52.9 79.3
 138 107.4 83.0 124.4





#49

Acenaphthylene

Concen: 38.657 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

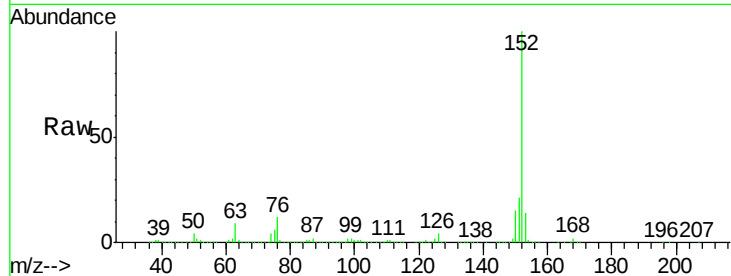
Tot Ion:152 Resp: 2363353

Ion Ratio Lower Upper

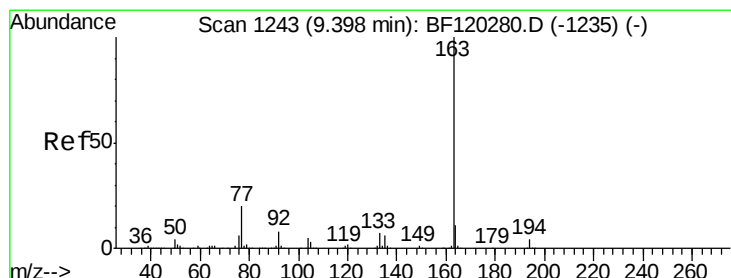
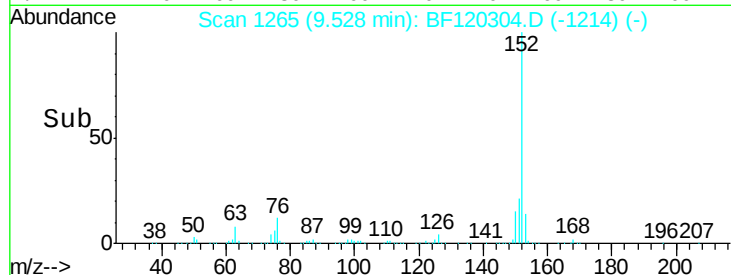
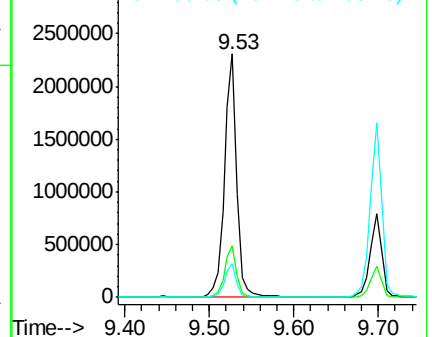
152 100

151 21.1 16.6 25.0

153 13.8 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



#50

Dimethylphthalate

Concen: 51.050 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

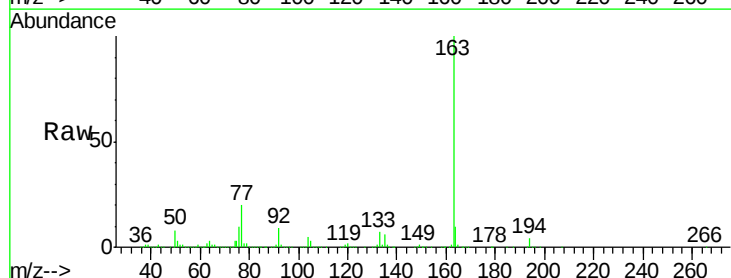
Tgt Ion:163 Resp: 2457413

Ion Ratio Lower Upper

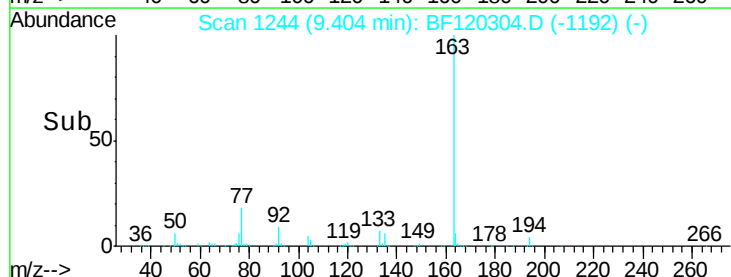
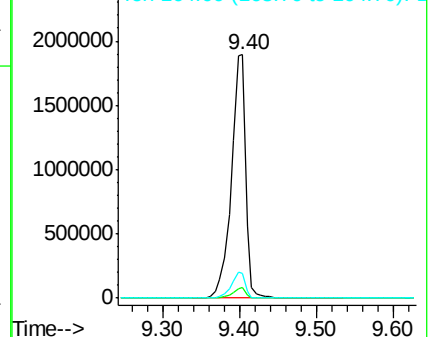
163 100

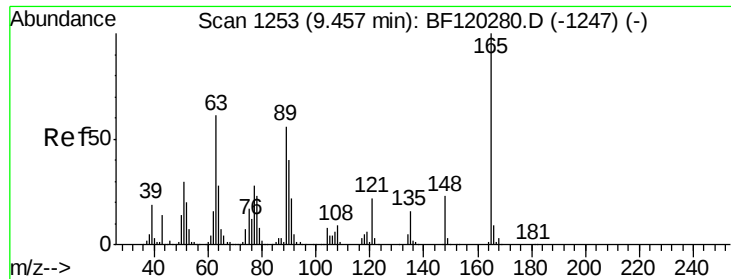
194 4.2 3.1 4.7

164 10.2 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





#51

2,6-Dinitrotoluene

Concen: 38.100 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

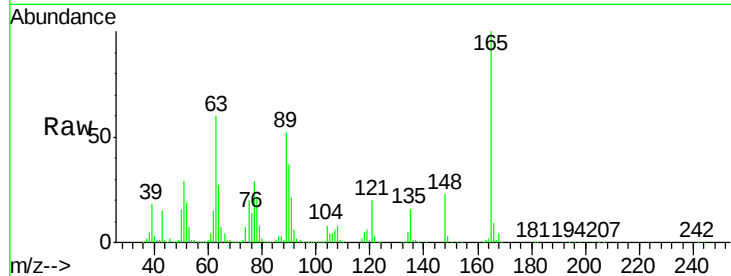
Tot Ion:165 Resp: 409342

Ion Ratio Lower Upper

165 100

63 60.1 50.2 75.2

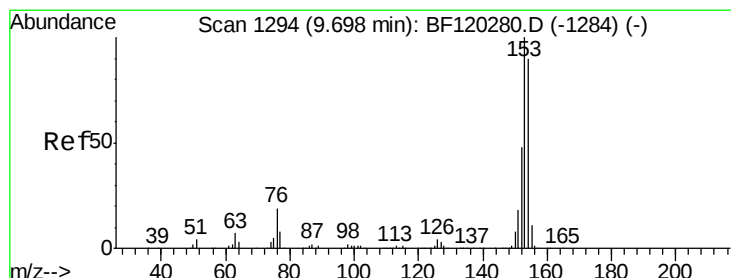
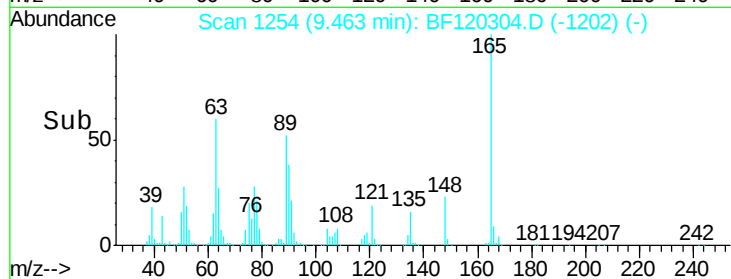
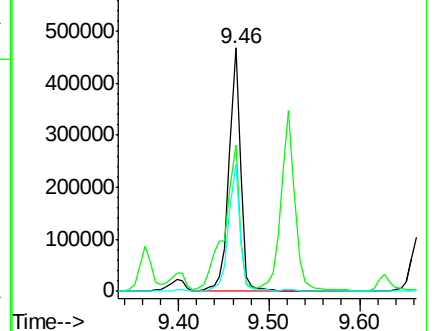
89 52.1 44.6 66.8



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: 37.890 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

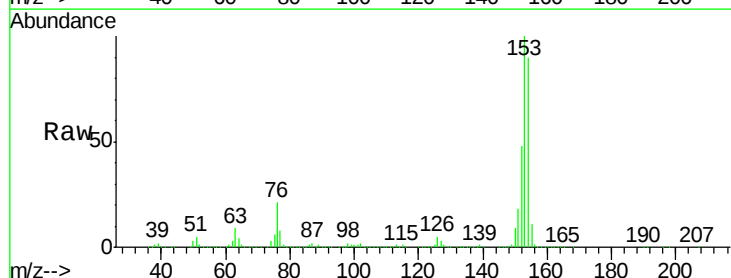
Tgt Ion:154 Resp: 1388508

Ion Ratio Lower Upper

154 100

153 111.7 89.0 133.4

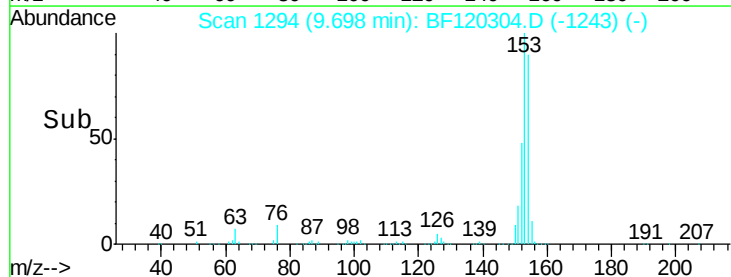
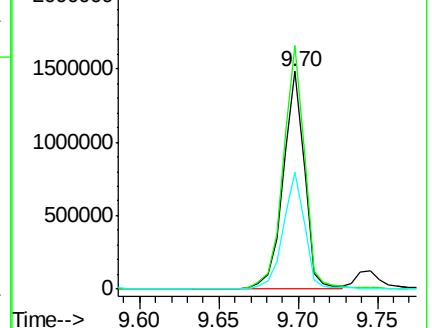
152 53.6 42.6 64.0

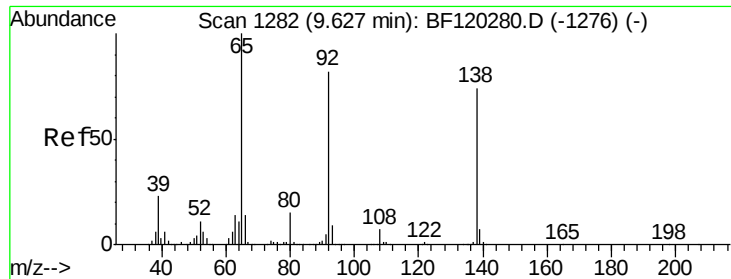


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

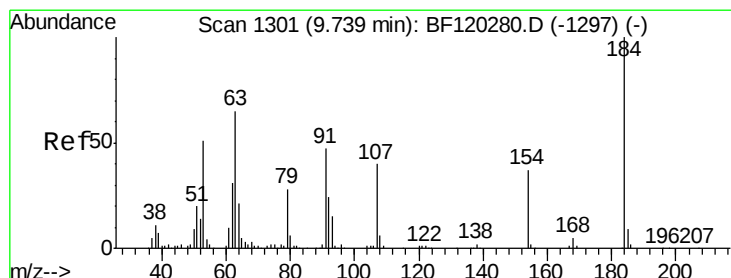
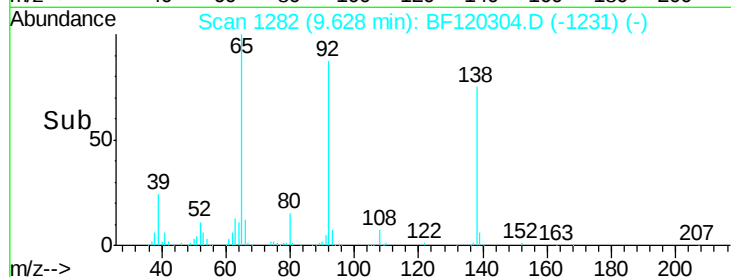
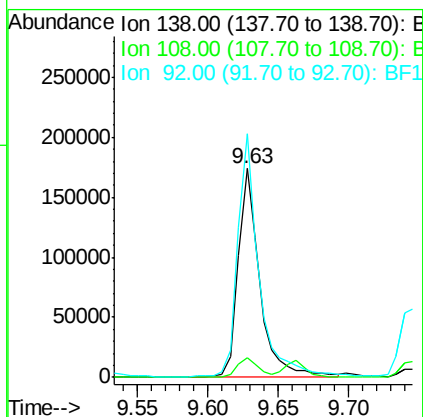
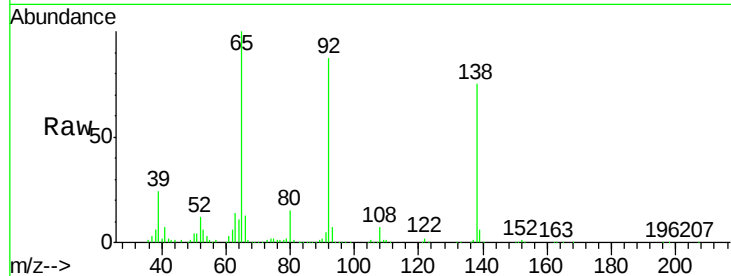




#53
3-Nitroaniline
Concen: 14.615 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

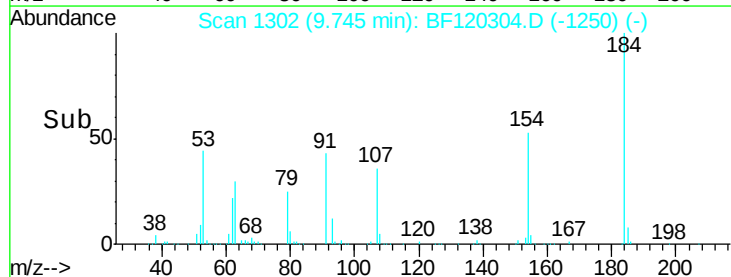
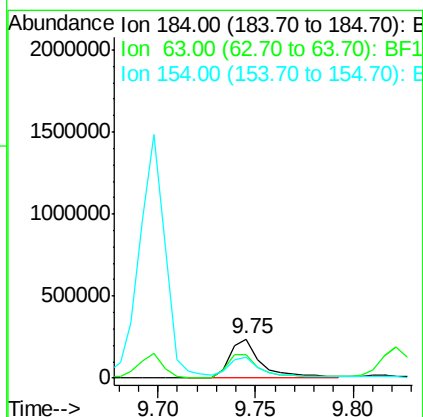
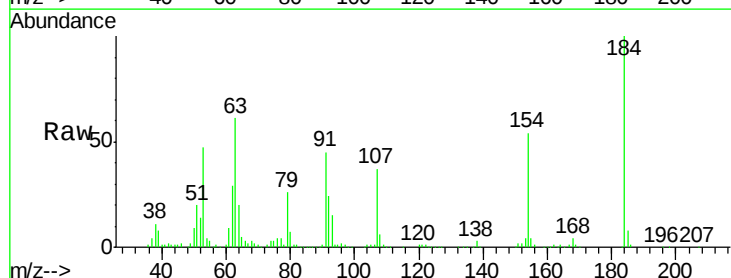
Instrument :
BNA_F
ClientSampleId :

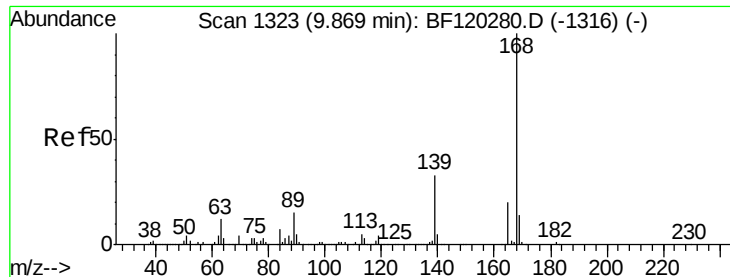
Tot Ion:138 Resp: 187248
Ion Ratio Lower Upper
138 100
108 9.7 8.2 12.2
92 116.5 89.6 134.4



#54
2,4-Dinitrophenol
Concen: 53.359 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion:184 Resp: 270609
Ion Ratio Lower Upper
184 100
63 61.1 53.6 80.4
154 53.7 46.8 70.2

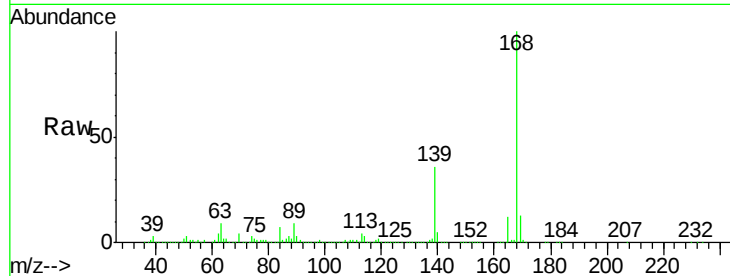




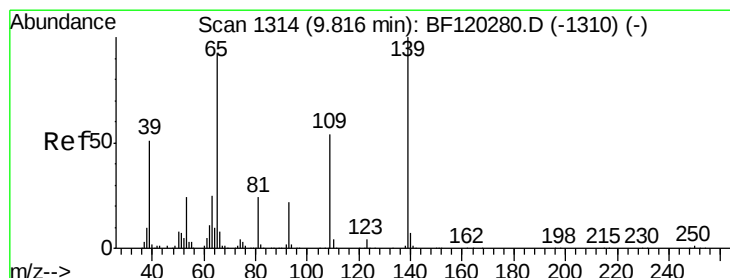
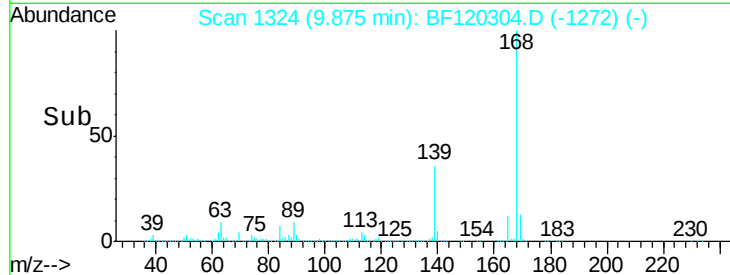
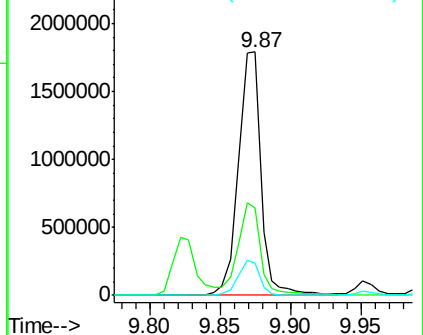
#55
Dibenzofuran
Concen: 38.010 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2005887
Ion Ratio Lower Upper
168 100
139 35.8 29.8 44.6
169 13.3 11.0 16.6

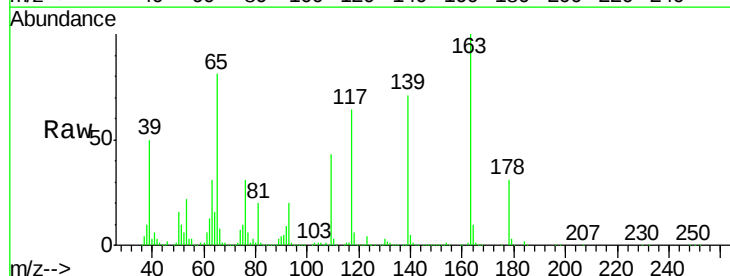


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

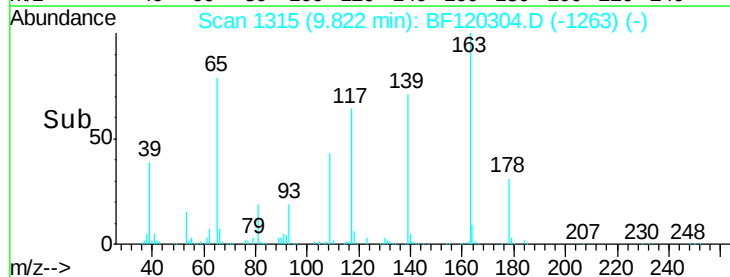
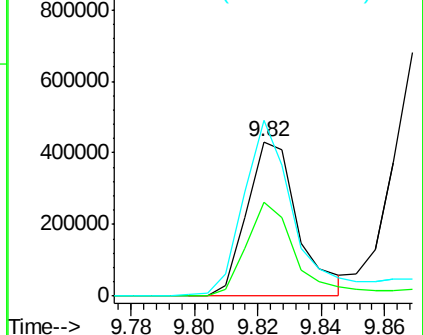


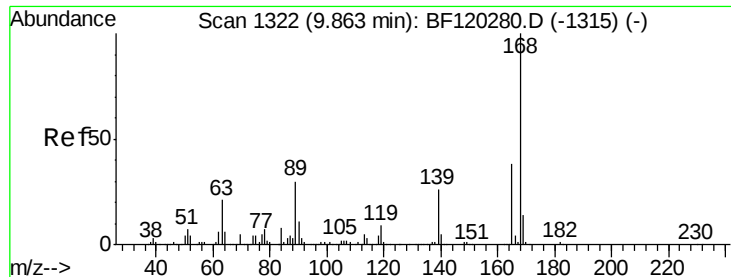
#56
4-Nitrophenol
Concen: 70.241 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion:139 Resp: 483565
Ion Ratio Lower Upper
139 100
109 60.7 34.6 74.6
65 114.2 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

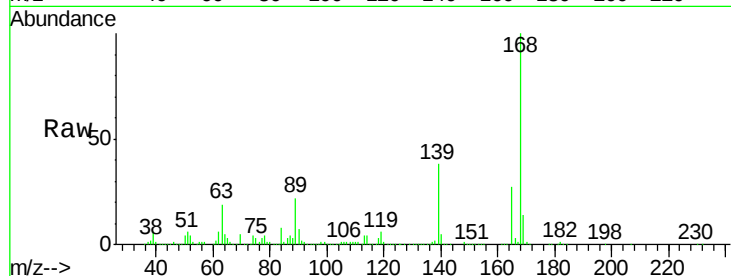




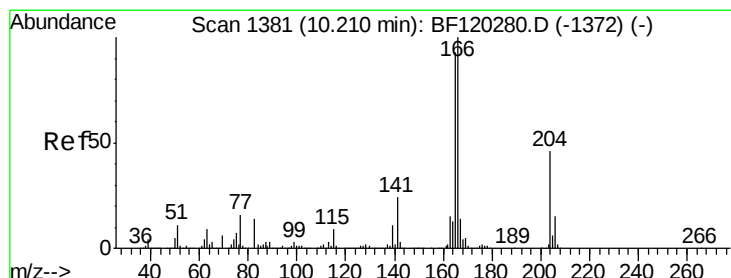
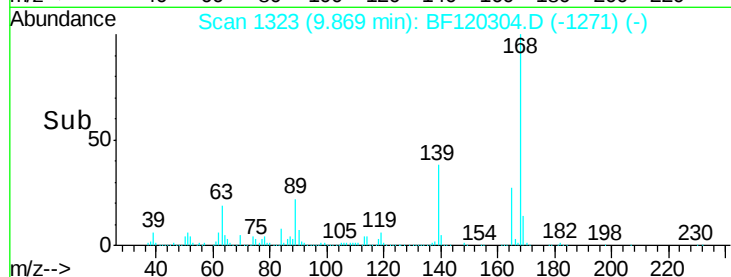
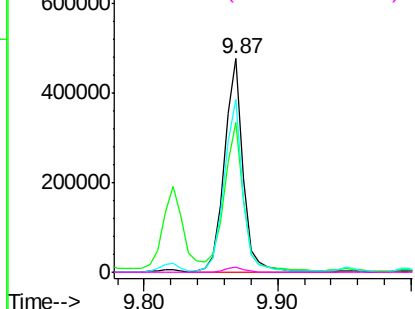
#57
2,4-Dinitrotoluene
Concen: 36.951 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 465703
Ion Ratio Lower Upper
165 100
63 70.0 51.8 77.8
89 80.7 64.2 96.4
182 2.4 2.0 3.0

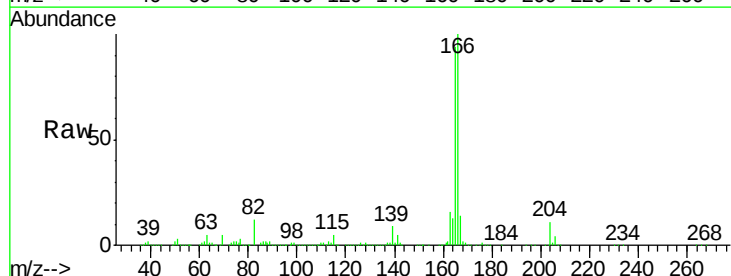


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

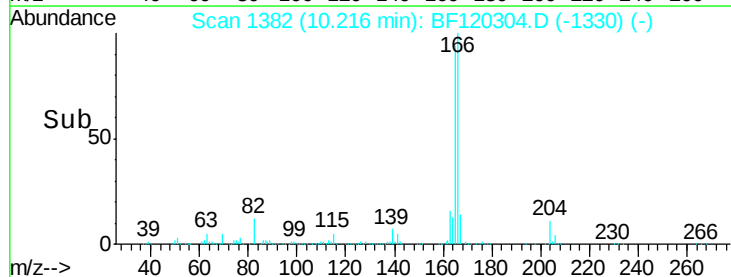
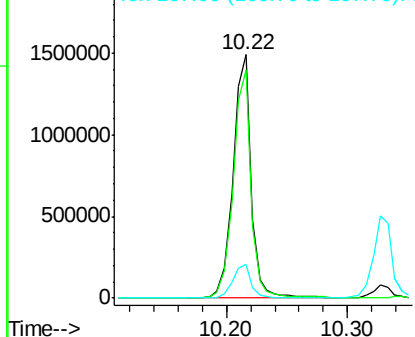


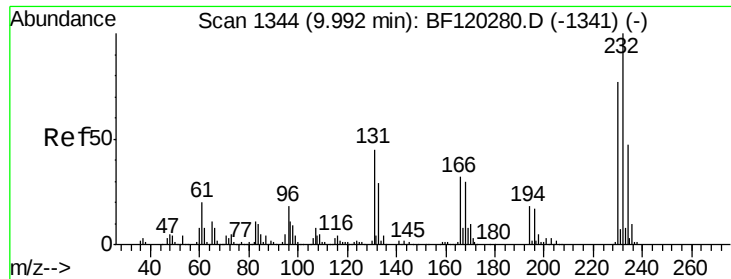
#58
Fluorene
Concen: 38.674 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion:166 Resp: 1554285
Ion Ratio Lower Upper
166 100
165 94.0 74.7 112.1
167 13.6 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

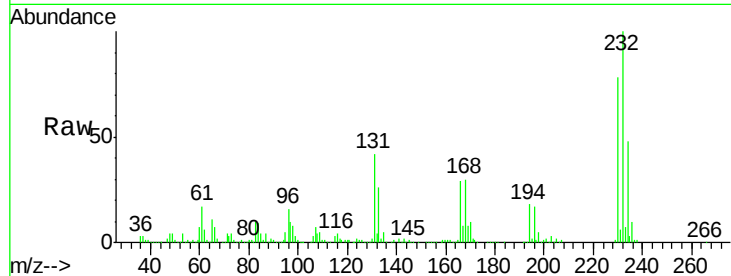




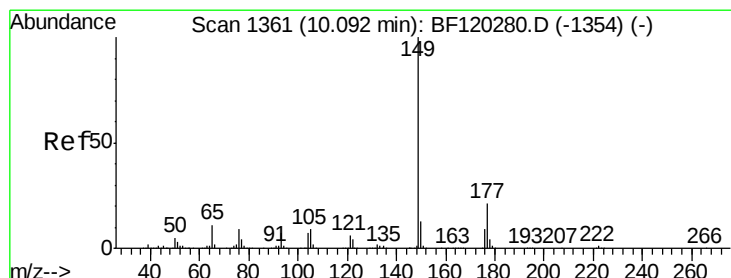
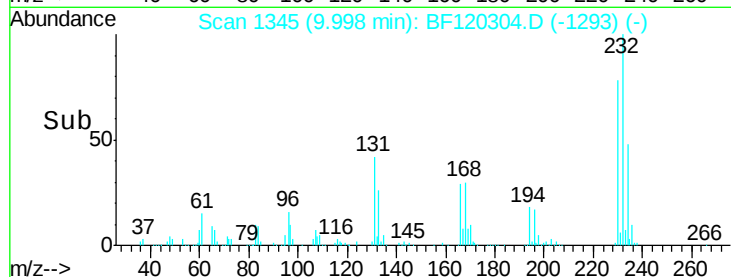
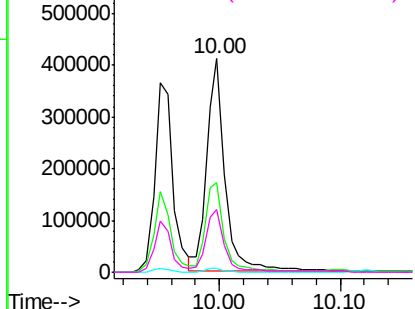
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.406 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF120304.D
 Acq: 14 May 2020 21:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 427815
 Ion Ratio Lower Upper
 232 100
 131 43.1 34.1 51.1
 130 2.3 1.7 2.5
 166 29.3 23.3 34.9

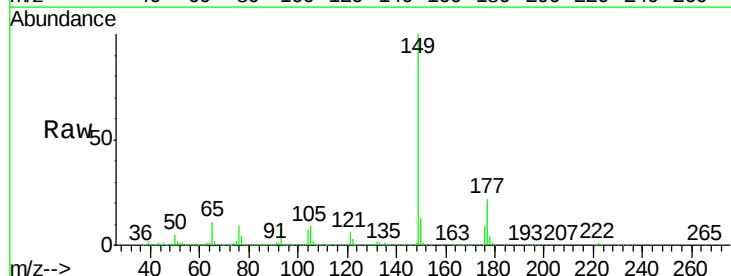


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

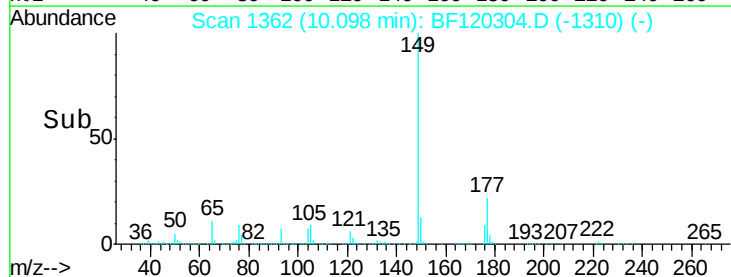
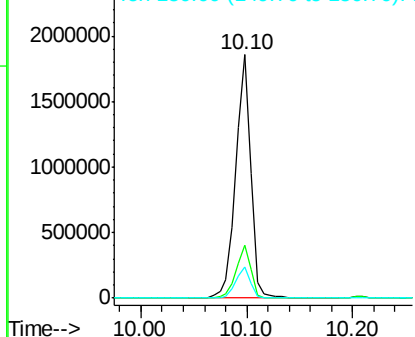


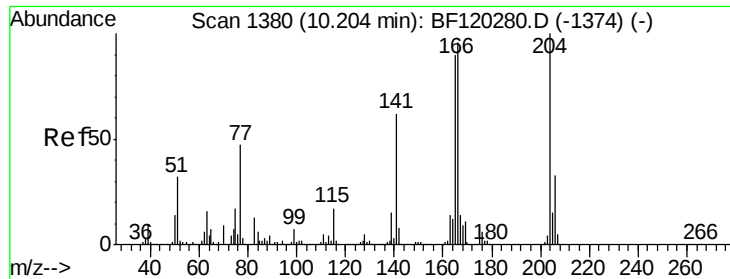
#60
 Diethylphthalate
 Concen: 38.786 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120304.D
 Acq: 14 May 2020 21:28

Tgt Ion:149 Resp: 1802544
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.1 25.7
 150 12.9 10.3 15.5



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

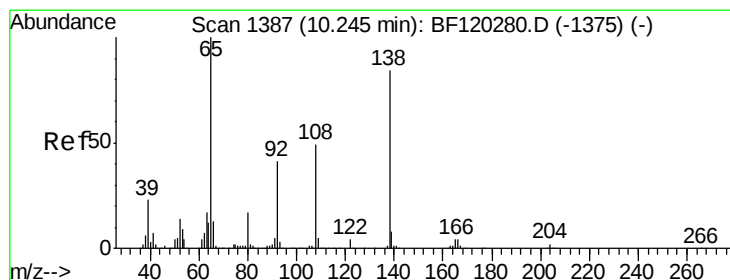
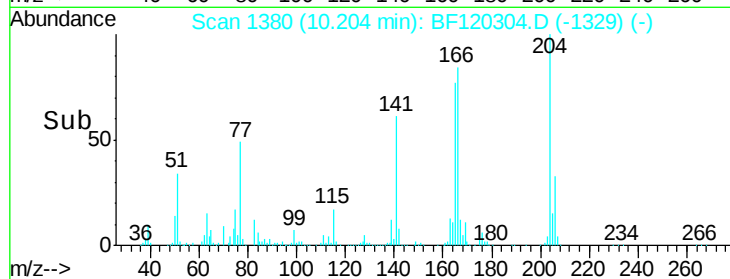
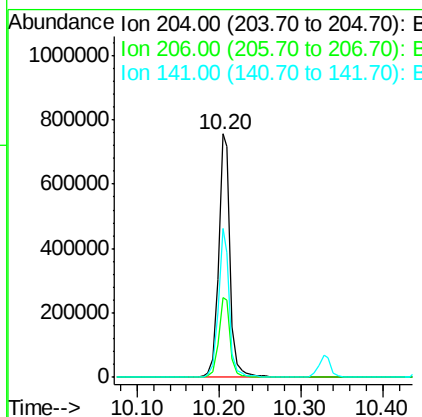
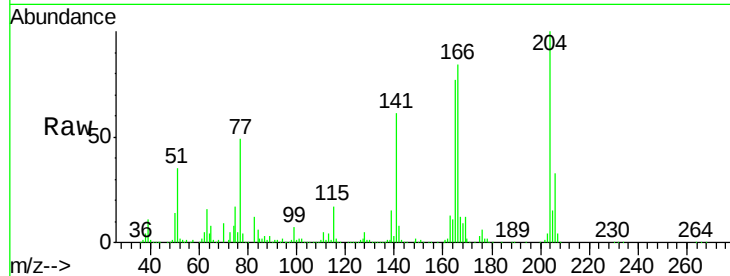




#61
 4-Chlorophenyl-phenylether
 Concen: 35.983 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF120304.D
 Acq: 14 May 2020 21:28

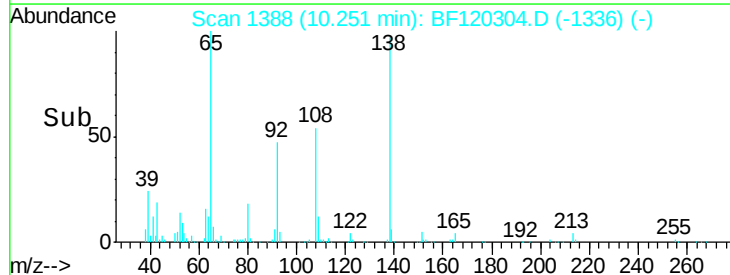
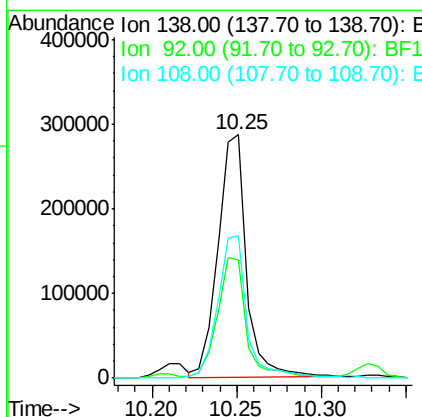
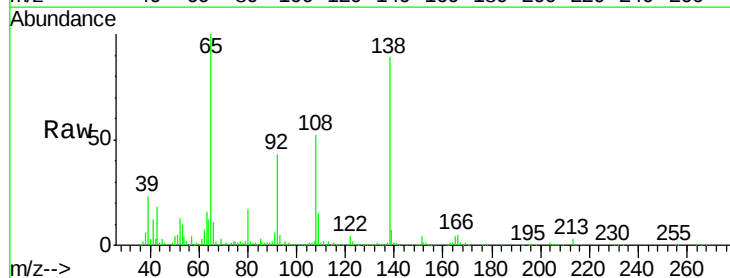
Instrument :
 BNA_F
 ClientSampled :

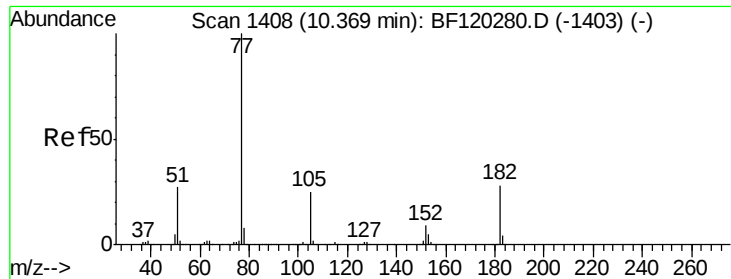
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.8	40.2
141	61.1	49.5	74.3



#62
 4-Nitroaniline
 Concen: 28.019 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF120304.D
 Acq: 14 May 2020 21:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	28.9	68.9
108	58.3	38.4	78.4

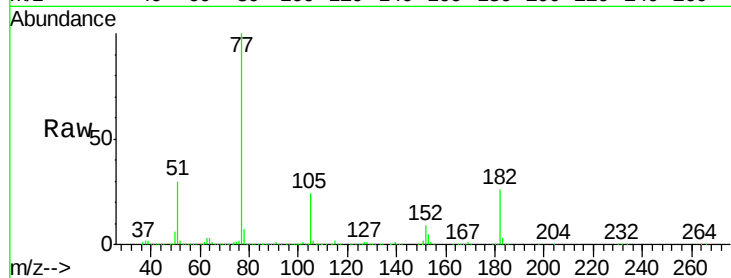




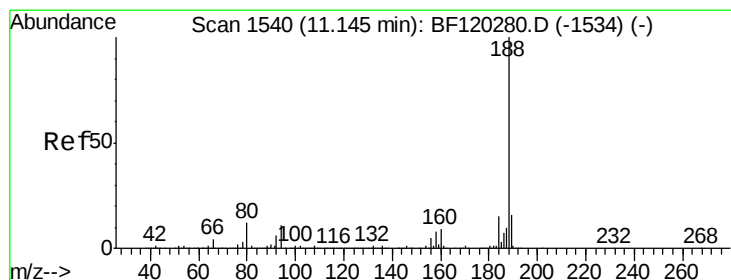
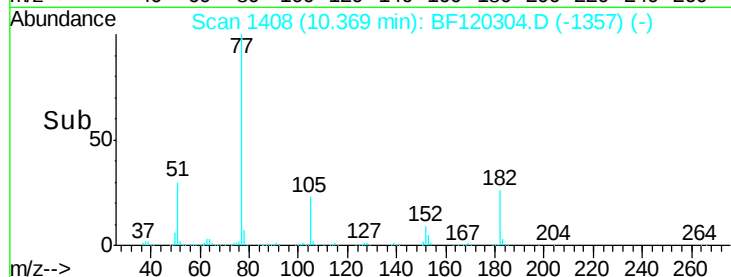
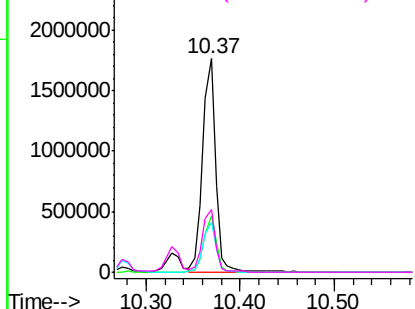
#63
Azobenzene
Concen: 38.870 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1707265
Ion Ratio Lower Upper
77 100
182 26.2 7.4 47.4
105 23.5 4.4 44.4
51 29.6 8.3 48.3

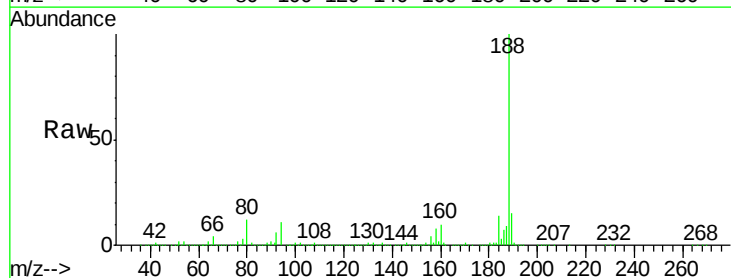


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

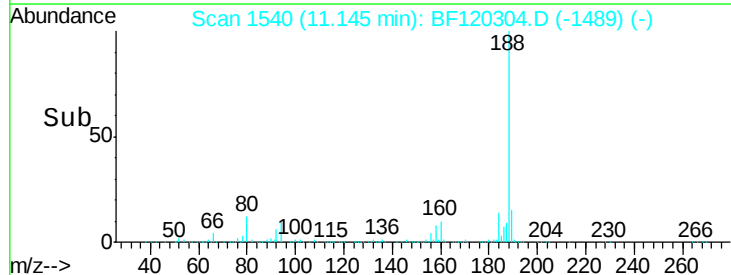
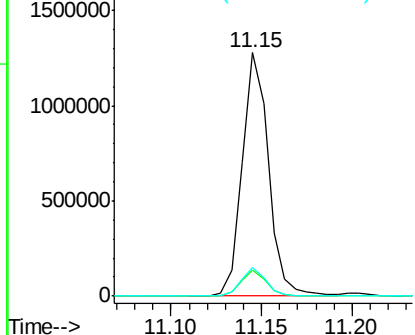


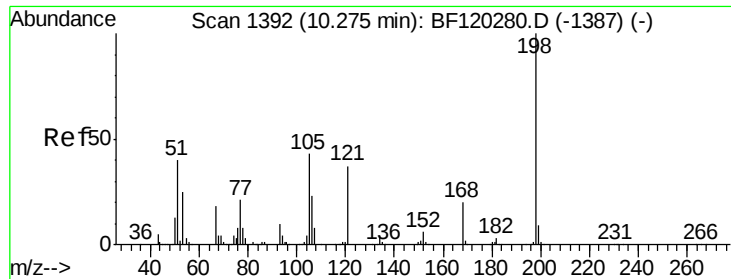
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion: 188 Resp: 1292141
Ion Ratio Lower Upper
188 100
94 10.6 8.6 13.0
80 11.7 9.2 13.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 32.444 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

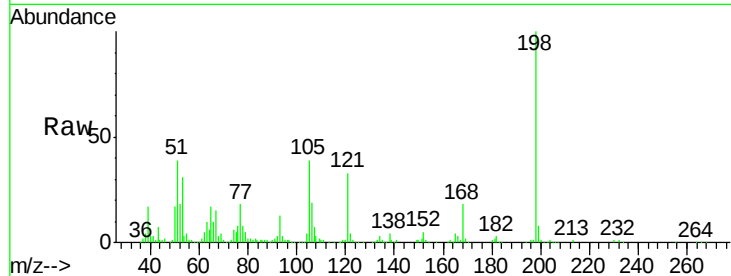
Tot Ion:198 Resp: 212012

Ion Ratio Lower Upper

198 100

51 39.1 27.1 67.1

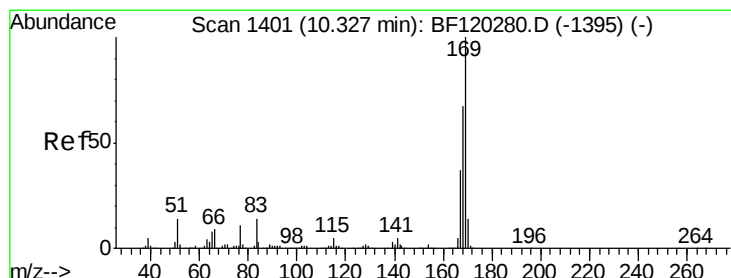
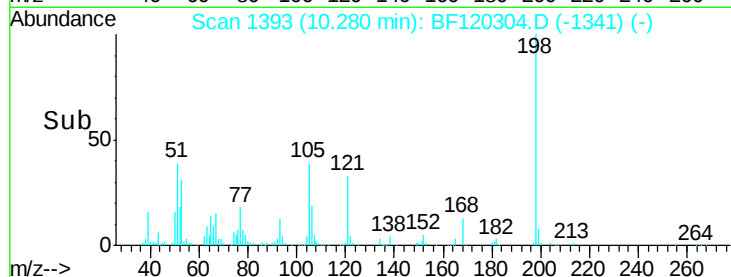
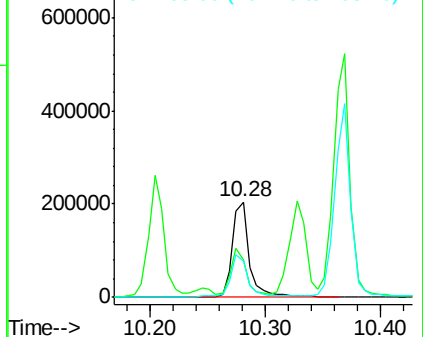
105 38.6 24.3 64.3



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: 41.302 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

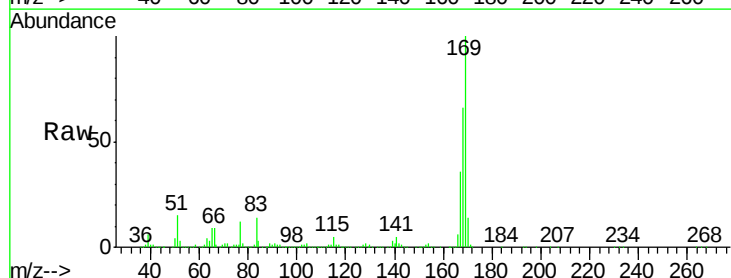
Tgt Ion:169 Resp: 1476472

Ion Ratio Lower Upper

169 100

168 66.1 53.7 80.5

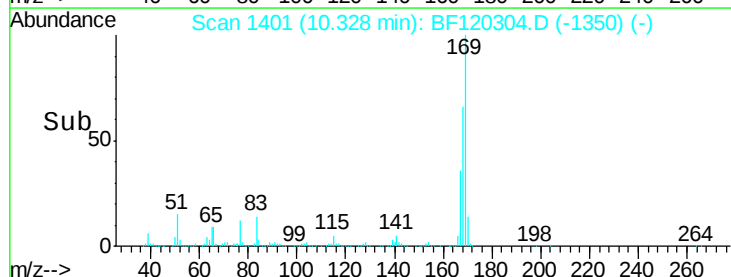
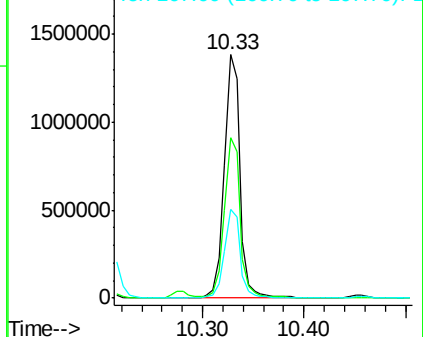
167 36.3 29.8 44.6

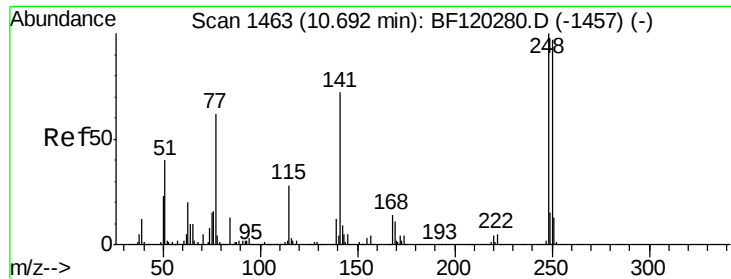


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

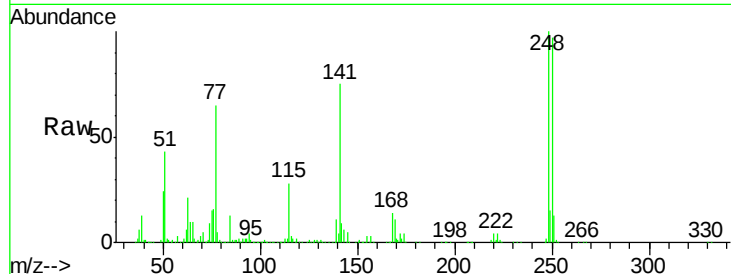




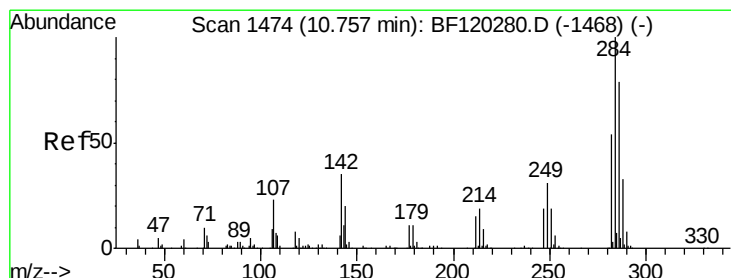
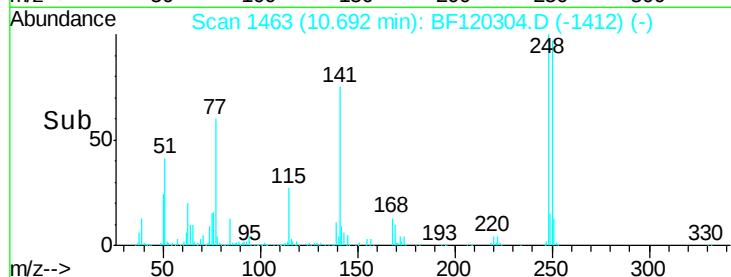
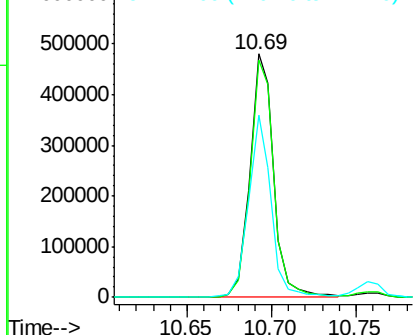
#67
4-Bromophenyl-phenylether
Concen: 37.661 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 472216
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 74.6 57.7 86.5

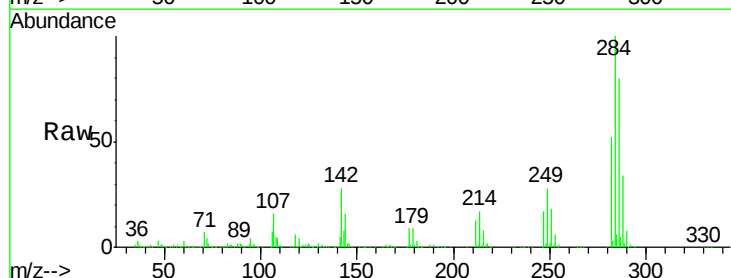


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

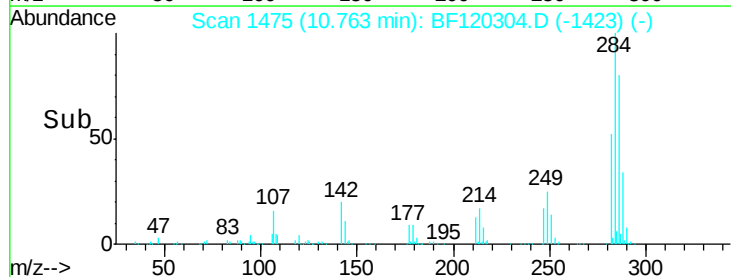
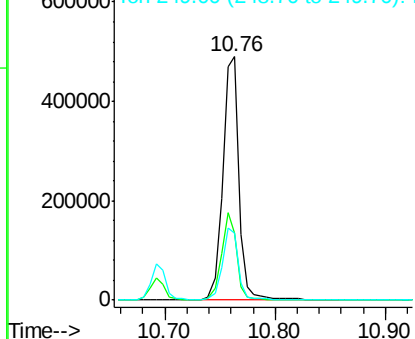


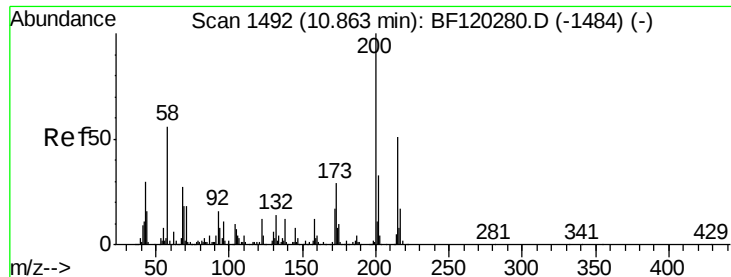
#68
Hexachlorobenzene
Concen: 38.382 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion:284 Resp: 503474
Ion Ratio Lower Upper
284 100
142 27.7 28.5 42.7#
249 27.5 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: 35.358 ng

RT: 10.86 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

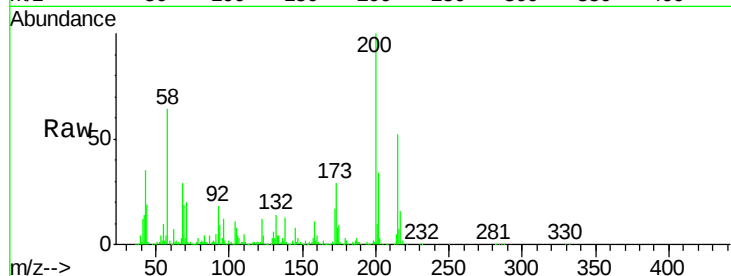
Tot Ion:200 Resp: 378222

Ion Ratio Lower Upper

200 100

173 29.0 8.7 48.7

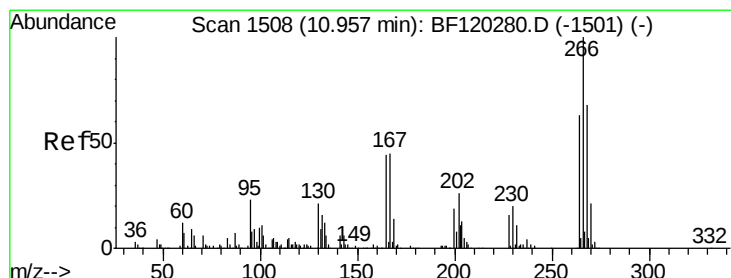
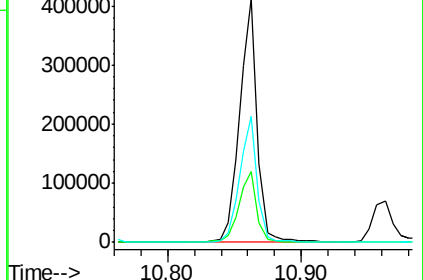
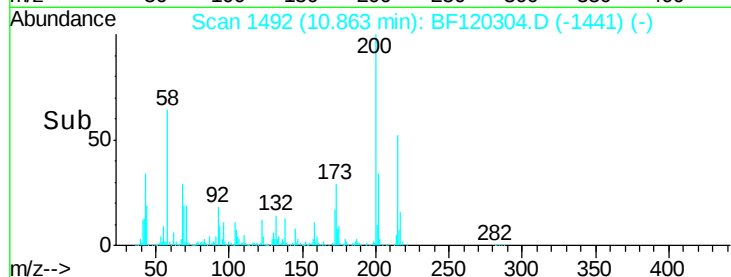
215 51.5 30.6 70.6



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: 78.046 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

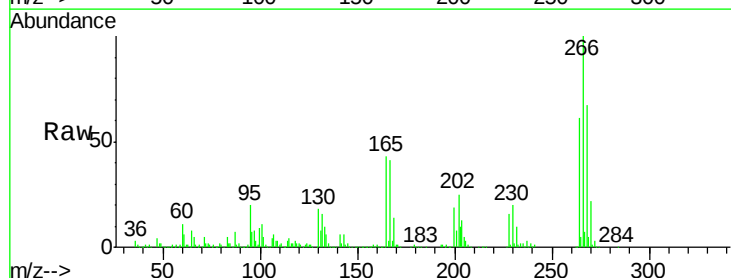
Tgt Ion:266 Resp: 435421

Ion Ratio Lower Upper

266 100

268 67.4 54.2 81.4

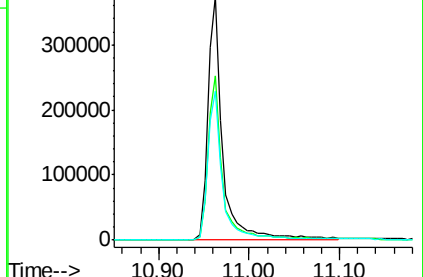
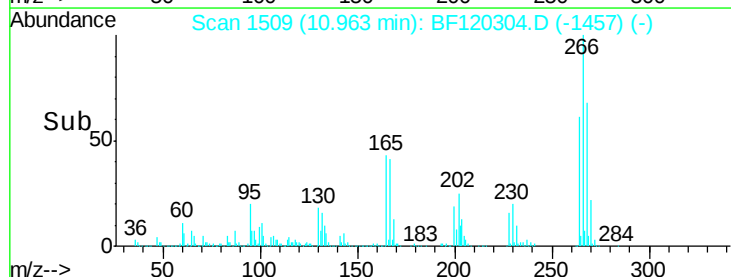
264 61.0 50.2 75.4

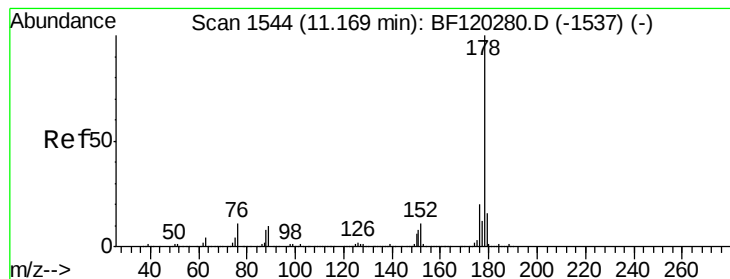


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.170 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

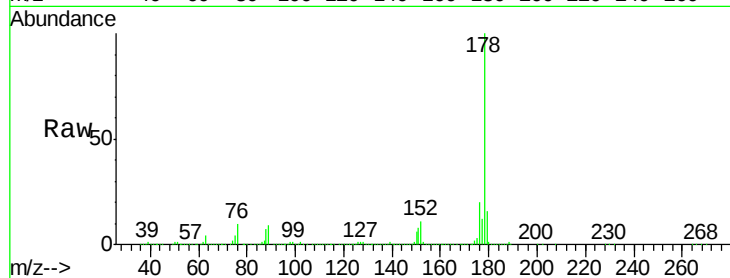
Tot Ion:178 Resp: 2126790

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

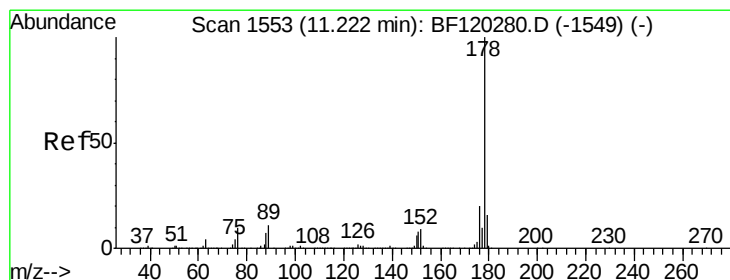
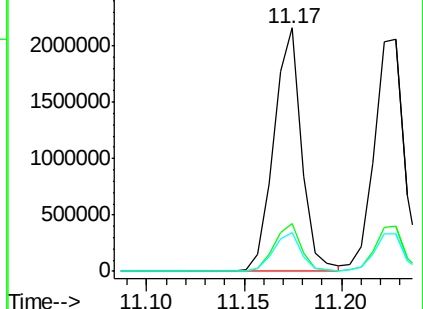
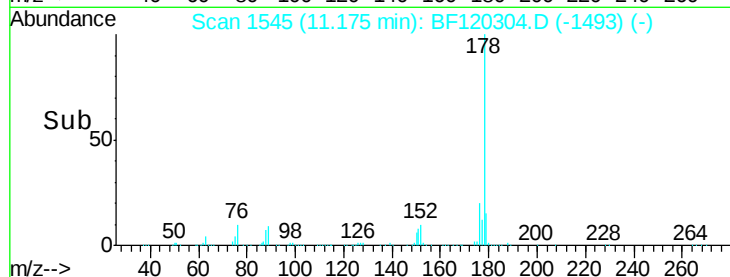
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.647 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

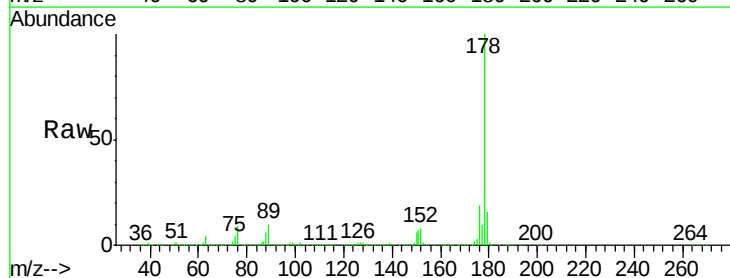
Tgt Ion:178 Resp: 2304497

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

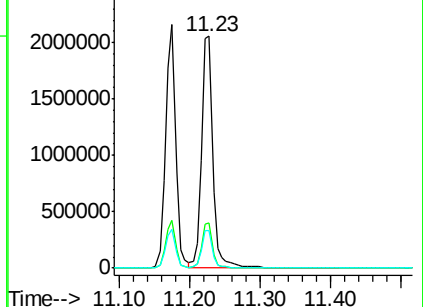
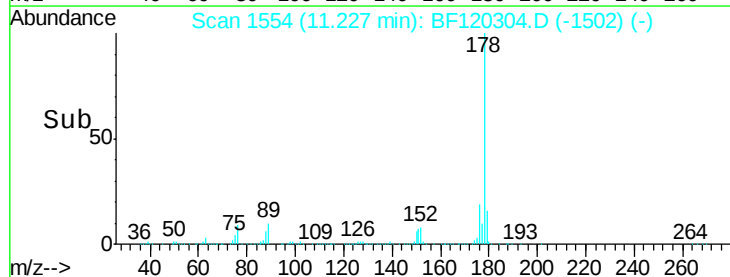
179 16.0 13.0 19.6

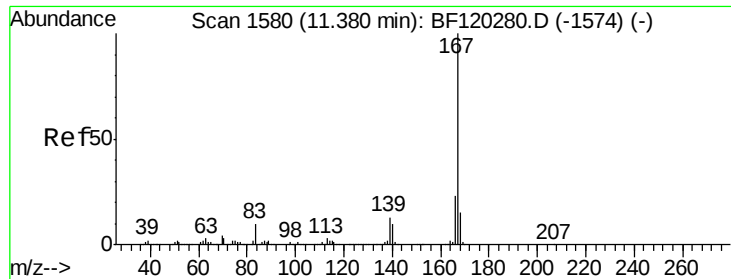


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.507 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

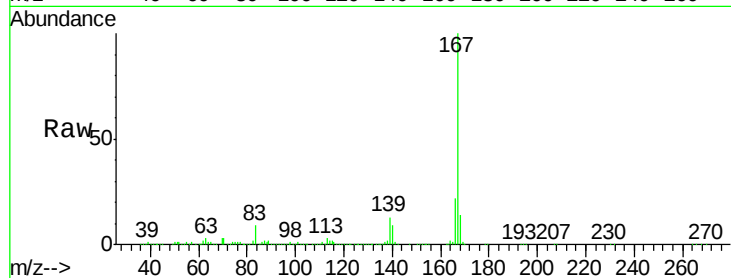
Tot Ion:167 Resp: 2037036

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

139 12.5 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

2500000

2000000

1500000

1000000

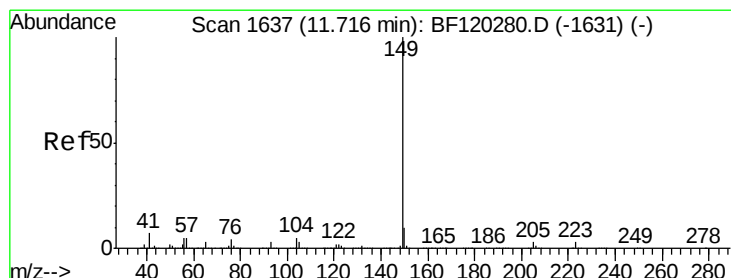
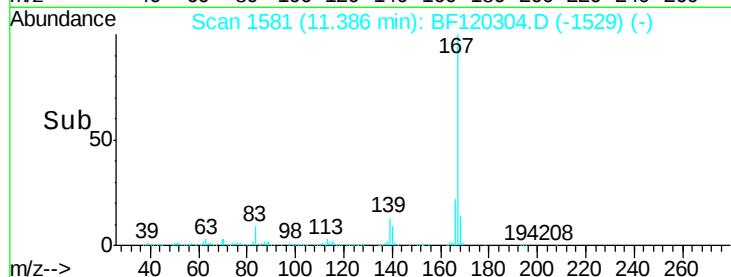
500000

0

11.39

11.30 11.40 11.50 11.60

Time-->



#74

Di-n-butylphthalate

Concen: 40.423 ng

RT: 11.72 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

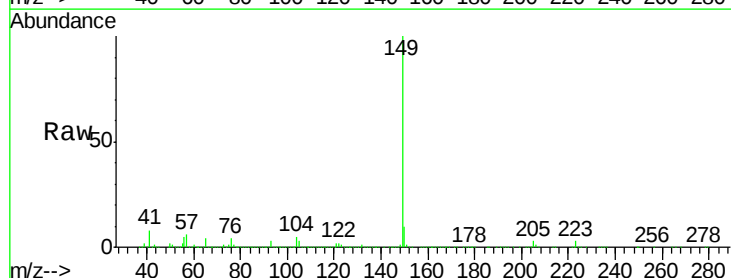
Tgt Ion:149 Resp: 2645869

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.4

104 4.7 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

3000000

2000000

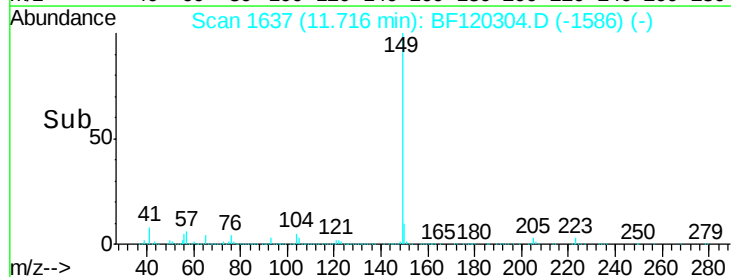
1000000

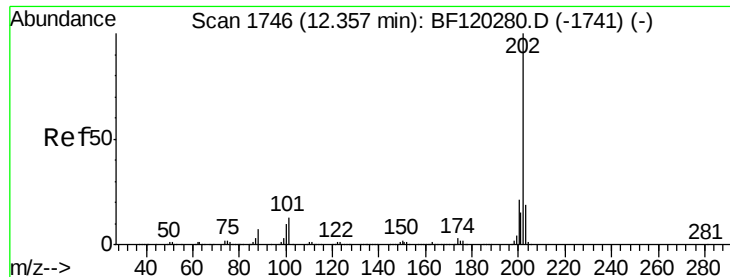
0

11.72

11.60 11.70 11.80 11.90

Time-->





#75

Fluoranthene

Concen: 37.180 ng

RT: 12.36 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampled :

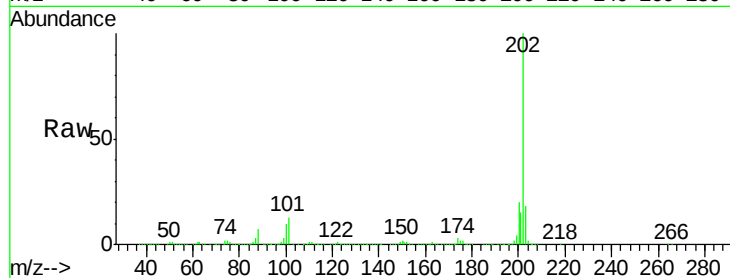
Tot Ion:202 Resp: 2163721

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

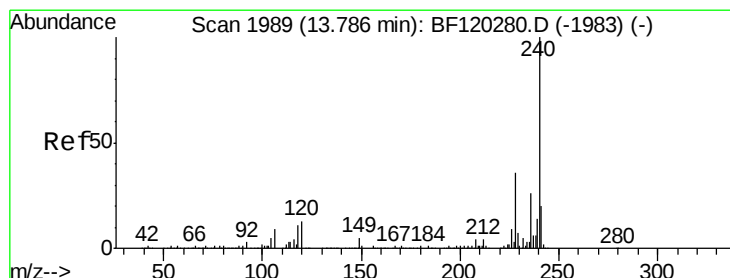
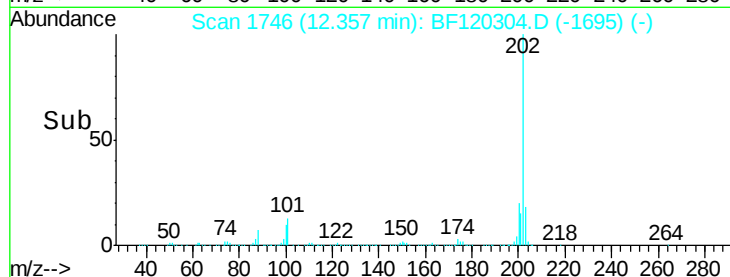
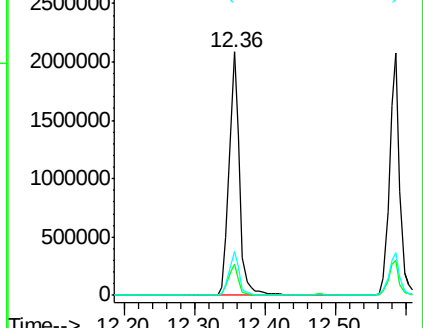
203 18.1 0.0 39.1



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: BF120304.D

Acq: 14 May 2020 21:28

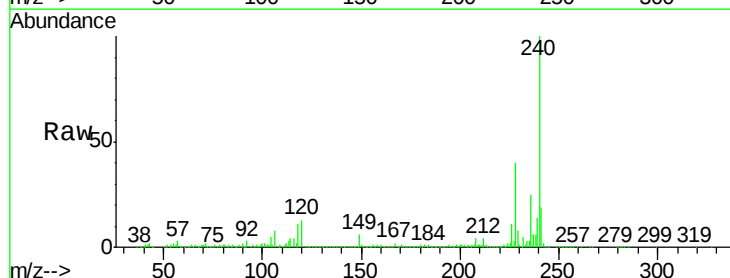
Tgt Ion:240 Resp: 704769

Ion Ratio Lower Upper

240 100

120 12.5 10.4 15.6

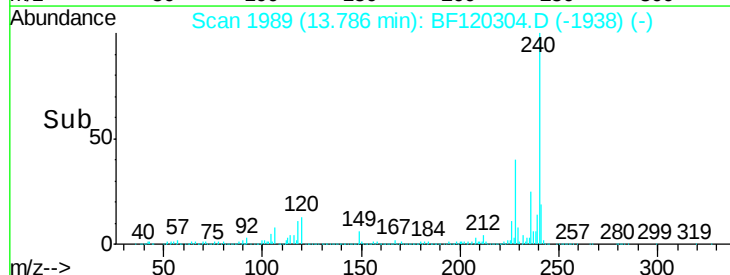
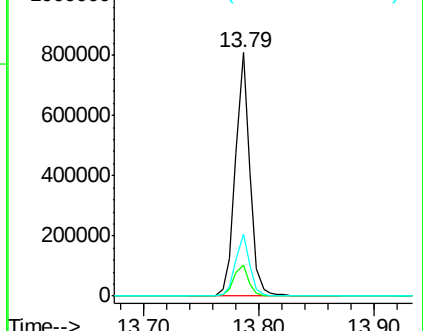
236 25.4 21.0 31.6

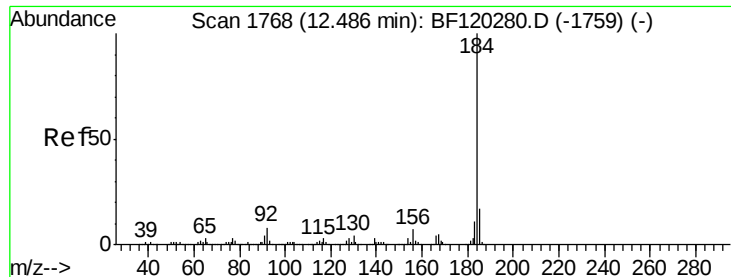


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.949 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

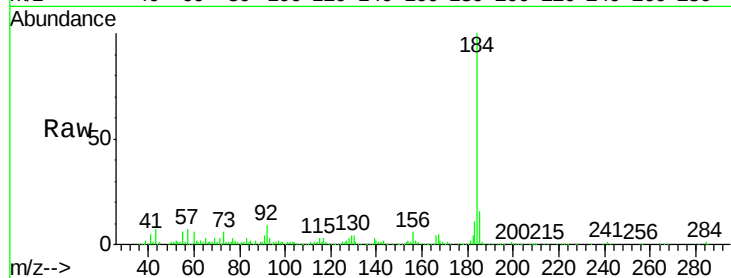
Tot Ion:184 Resp: 760427

Ion Ratio Lower Upper

184 100

185 15.6 13.7 20.5

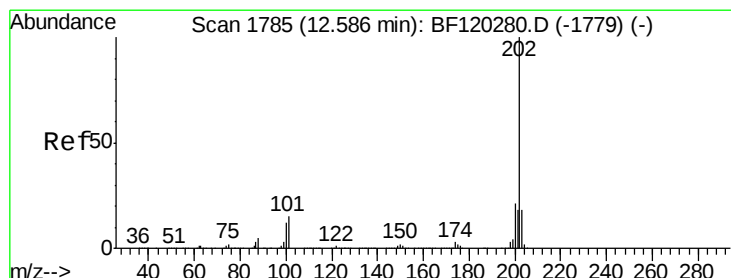
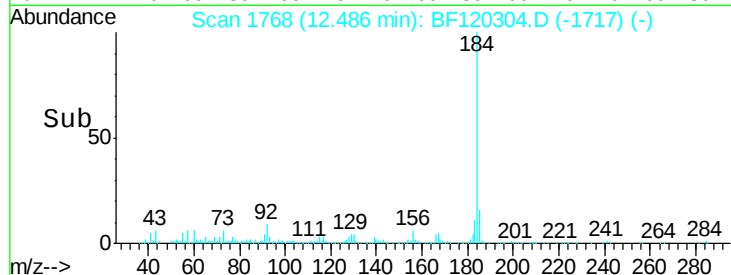
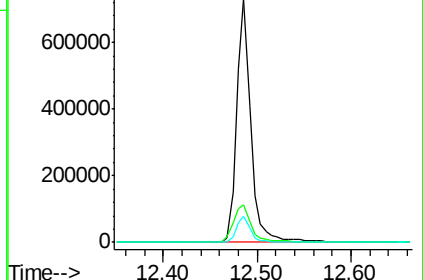
183 10.7 8.7 13.1



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: 41.716 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

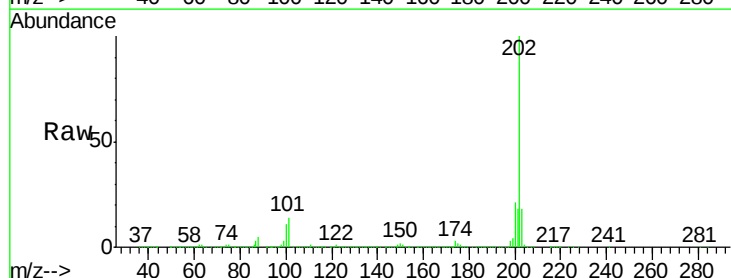
Tgt Ion:202 Resp: 2095932

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

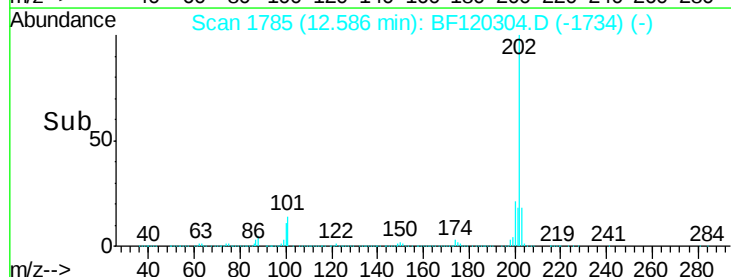
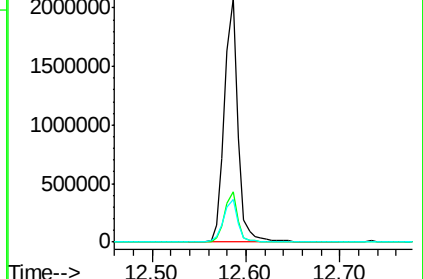
203 17.8 14.6 22.0

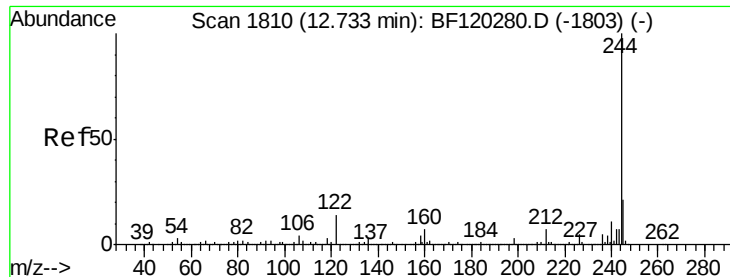


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.133 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

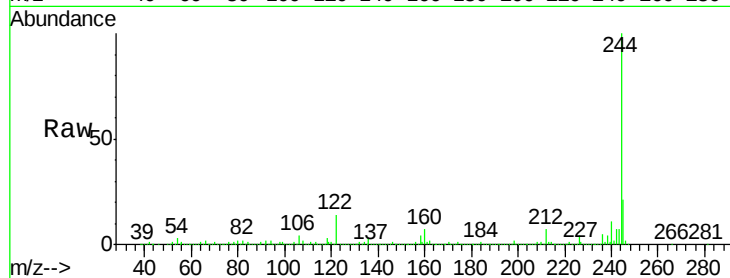
Tot Ion:244 Resp: 2779650

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

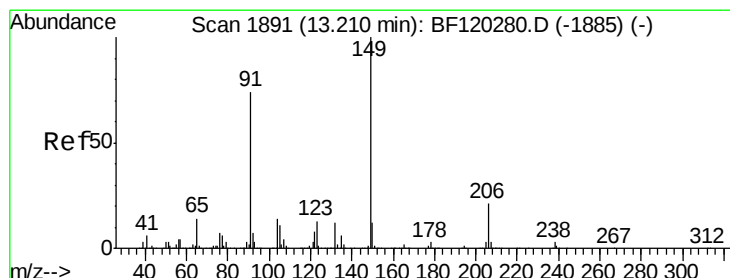
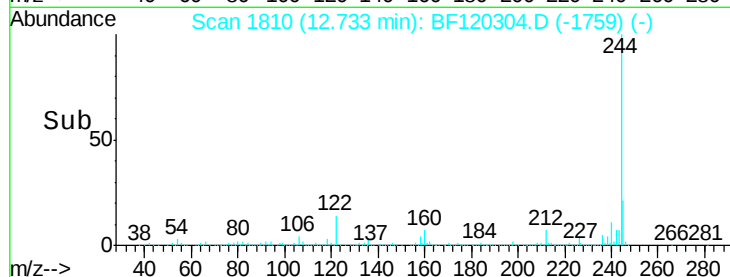
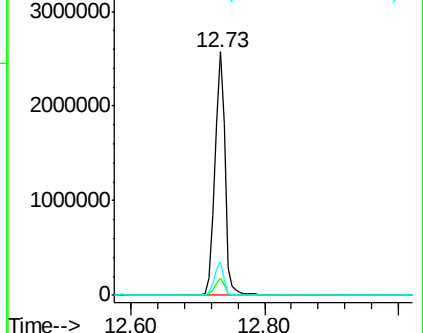
122 13.7 10.8 16.2



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: 40.707 ng

RT: 13.21 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

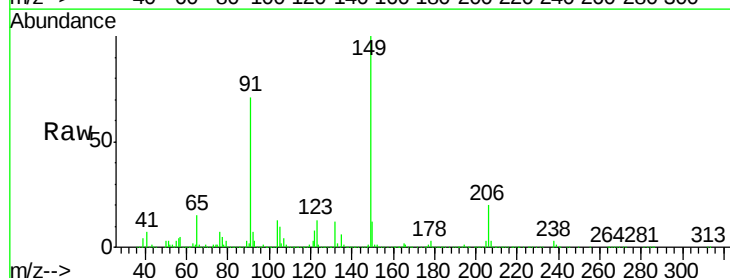
Tgt Ion:149 Resp: 963078

Ion Ratio Lower Upper

149 100

91 71.3 59.0 88.4

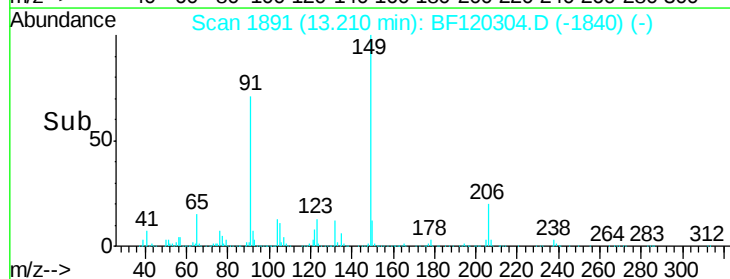
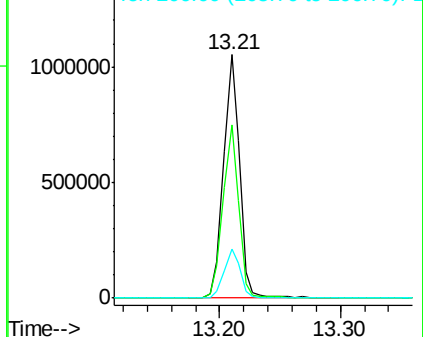
206 20.1 16.8 25.2

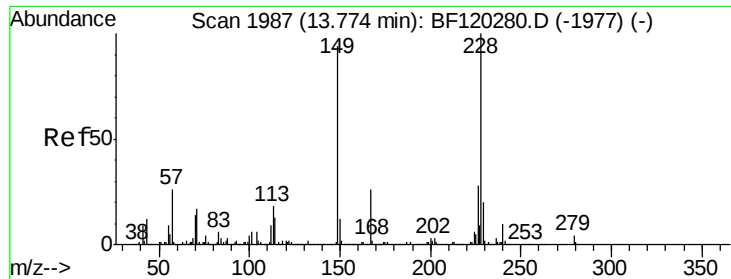


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

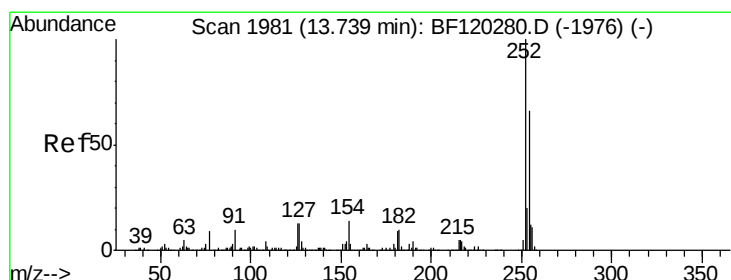
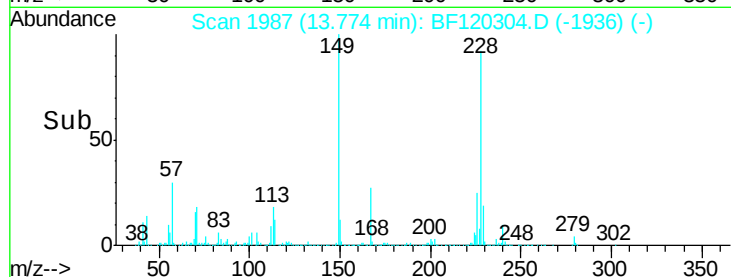
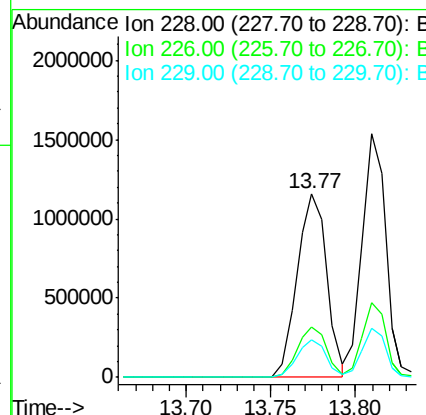
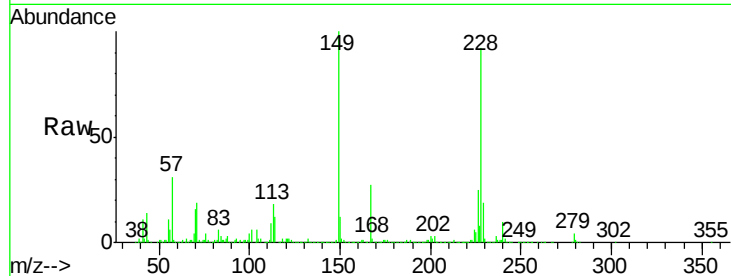




#81
Benzo(a)anthracene
Concen: 37.828 ng
RT: 13.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

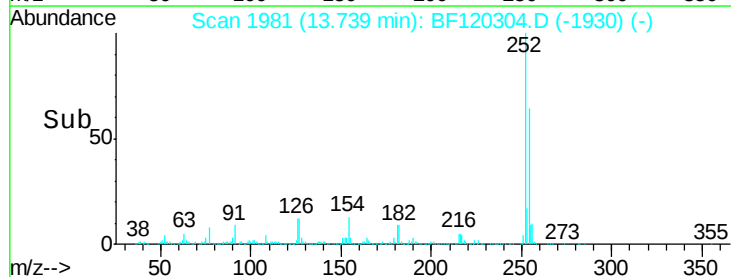
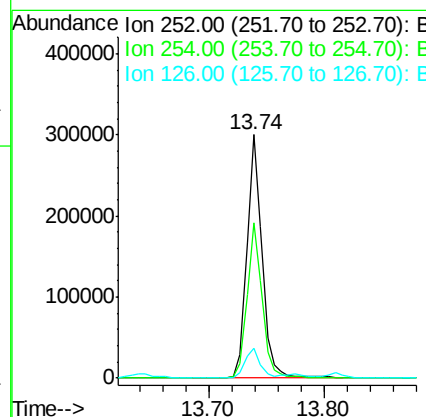
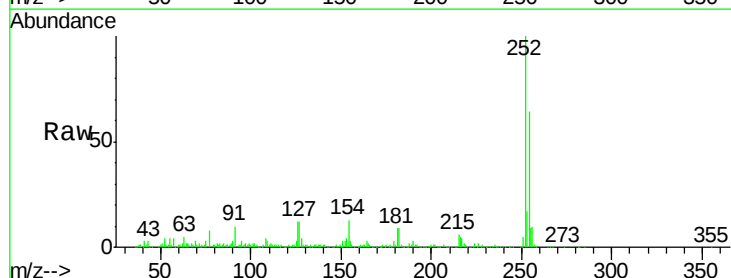
Instrument :
BNA_F
ClientSampleId :

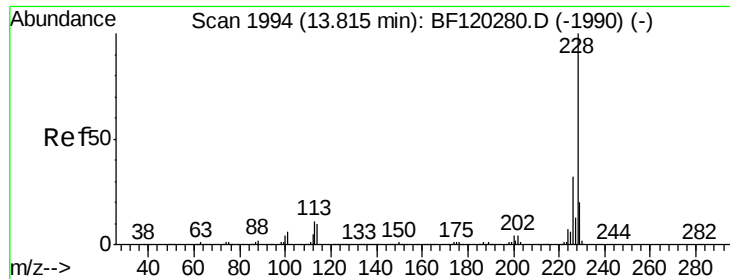
Tot Ion:228 Resp: 1406126
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.4 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 19.582 ng
RT: 13.74 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion:252 Resp: 274303
Ion Ratio Lower Upper
252 100
254 63.8 52.6 78.8
126 12.4 10.7 16.1





#83

Chrysene

Concen: 37.696 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

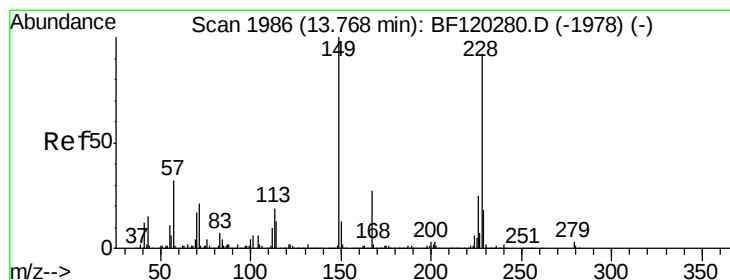
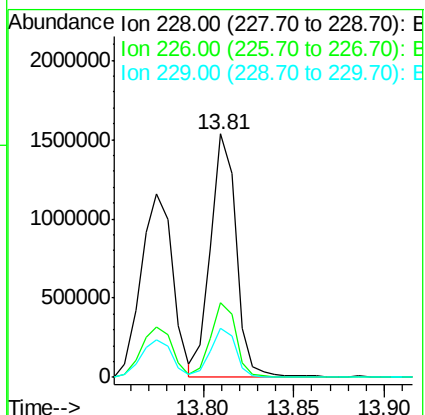
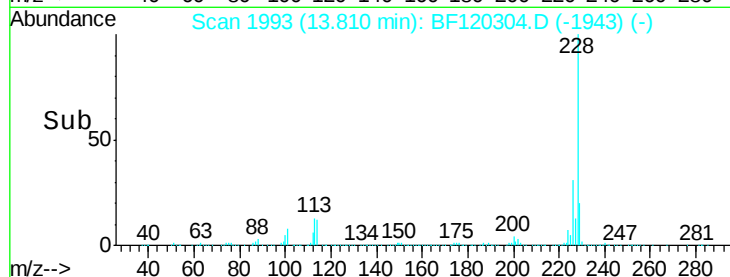
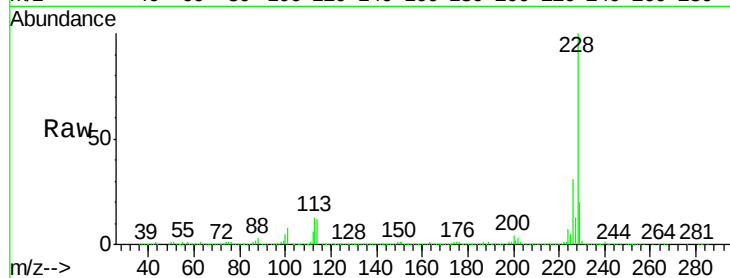
Tot Ion:228 Resp: 1504658

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

229 20.0 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.447 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

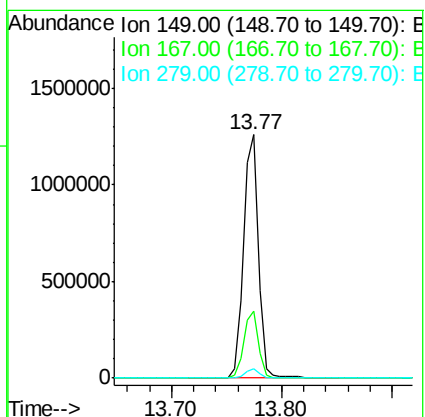
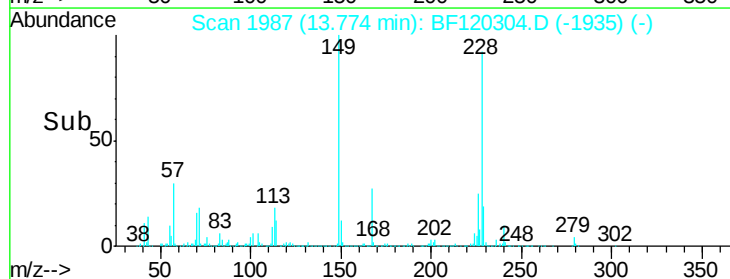
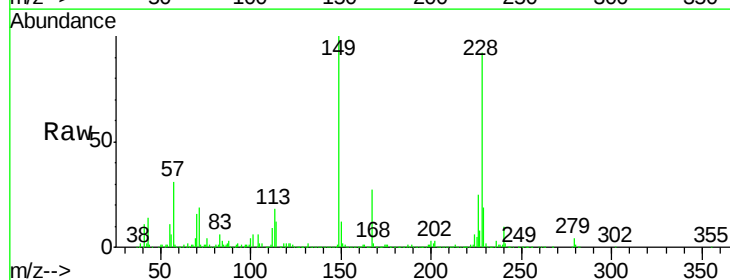
Tgt Ion:149 Resp: 1190554

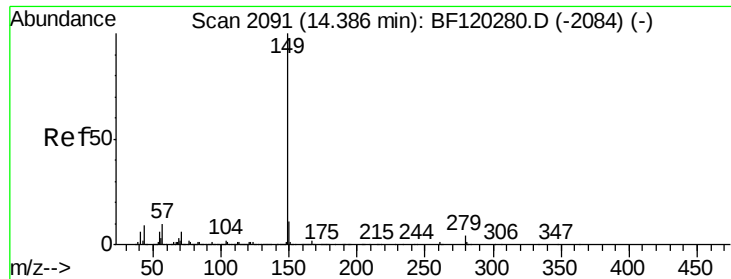
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 3.9 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 38.328 ng

RT: 14.39 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampled :

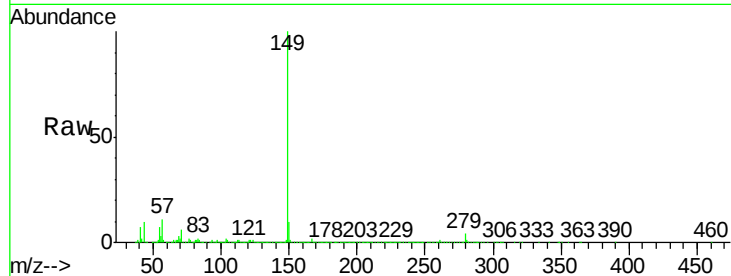
Tot Ion:149 Resp: 2029604

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

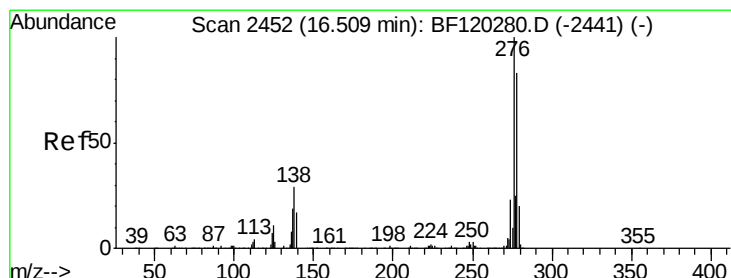
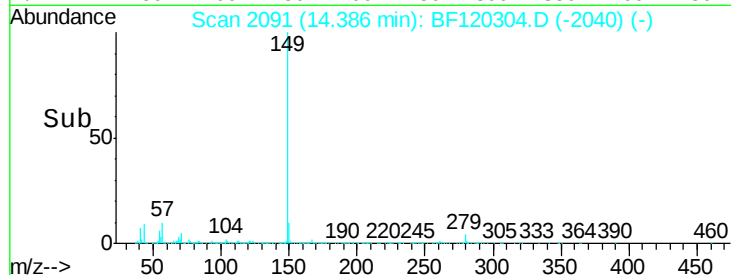
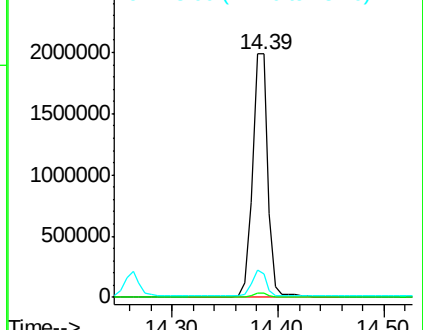
43 10.3 7.5 11.3



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: 42.361 ng

RT: 16.51 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

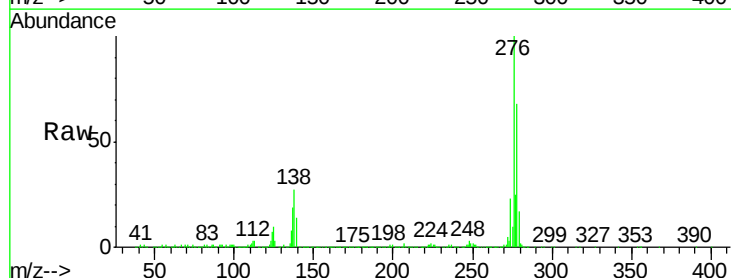
Tgt Ion:276 Resp: 1534622

Ion Ratio Lower Upper

276 100

138 28.5 23.3 34.9

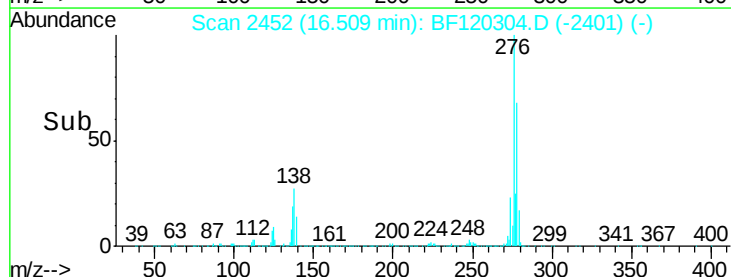
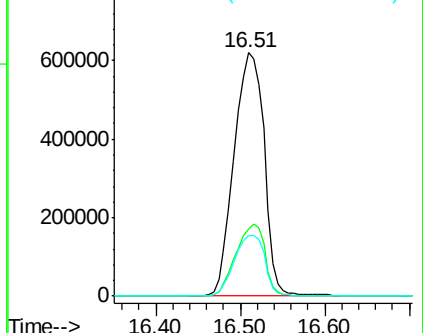
277 25.1 20.2 30.4

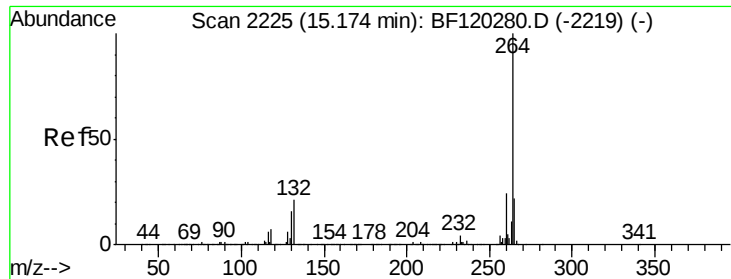


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

Instrument :

BNA_F

ClientSampleId :

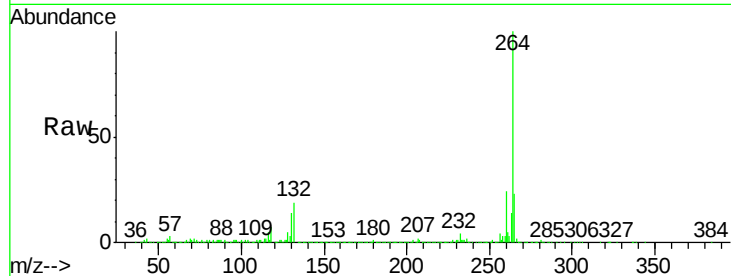
Tot Ion:264 Resp: 705083

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

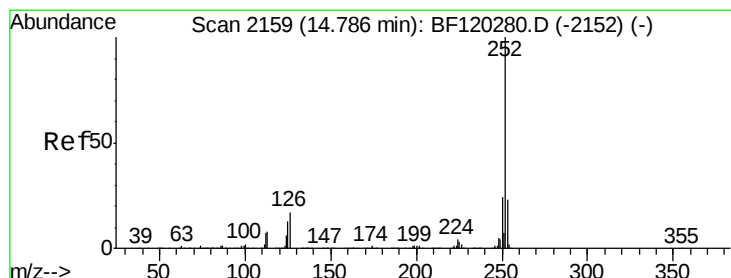
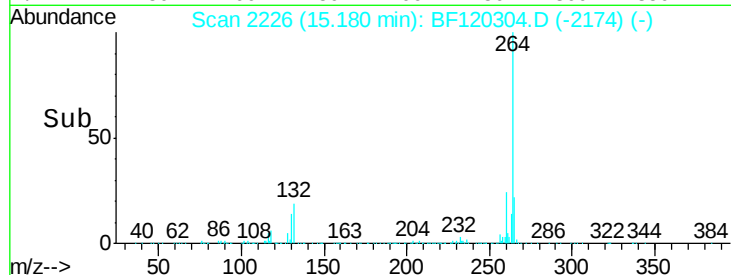
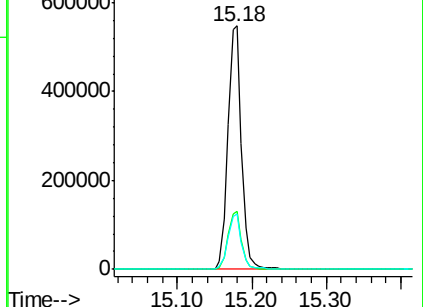
265 22.5 17.5 26.3



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: 40.199 ng

RT: 14.79 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

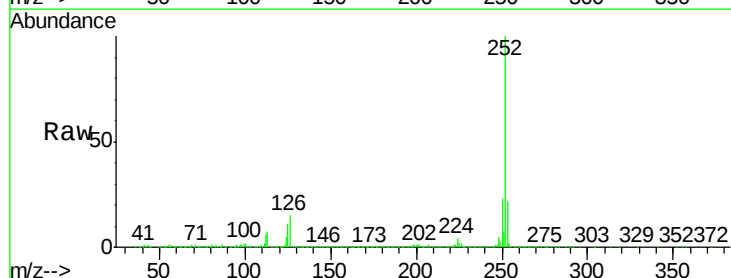
Tgt Ion:252 Resp: 1547895

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

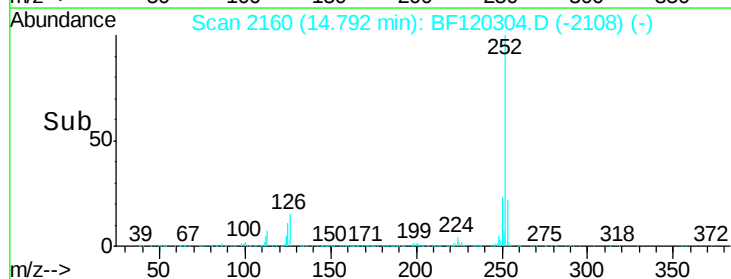
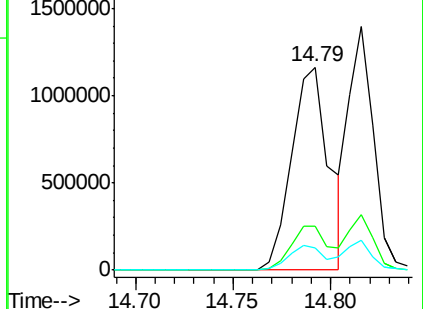
125 11.0 10.4 15.6

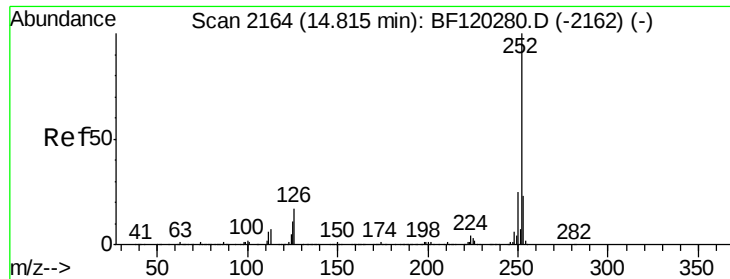


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

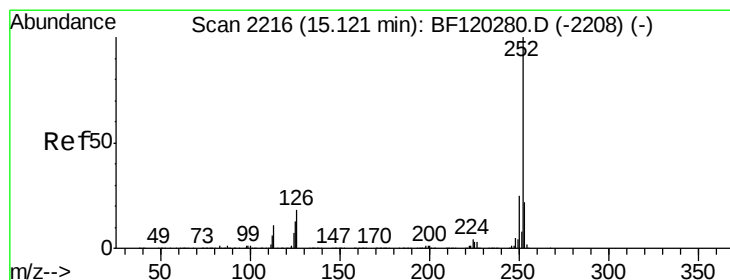
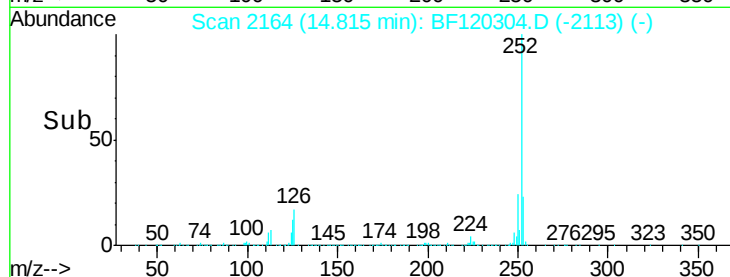
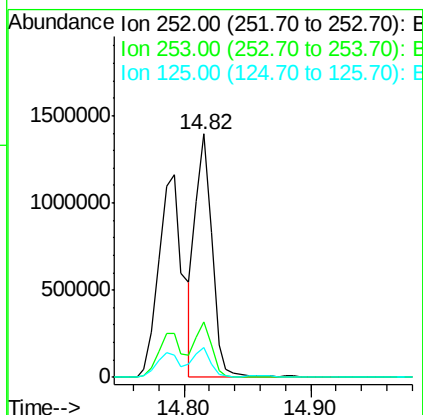
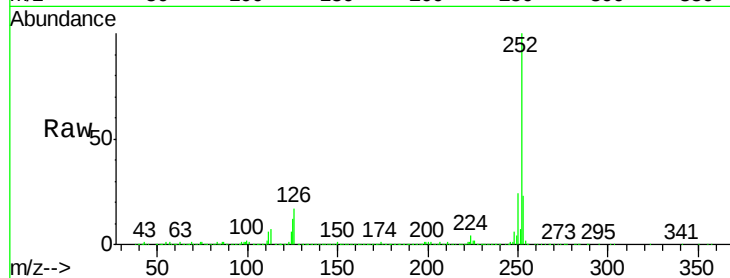




#89
Benzo(k)fluoranthene
Concen: 37.440 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

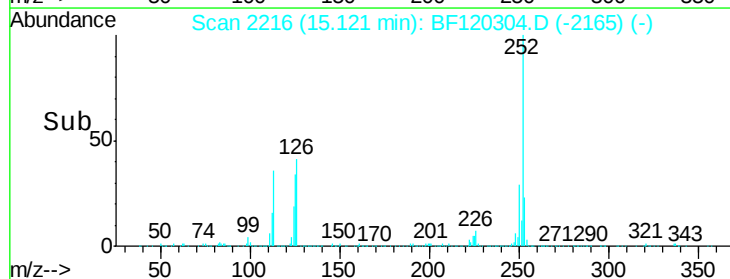
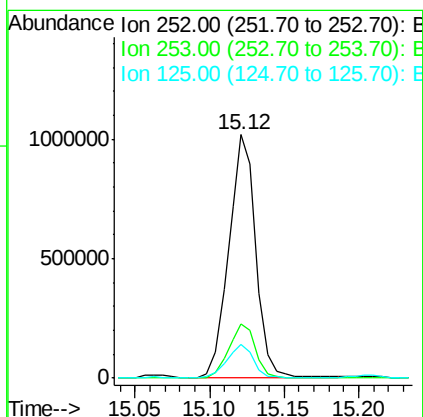
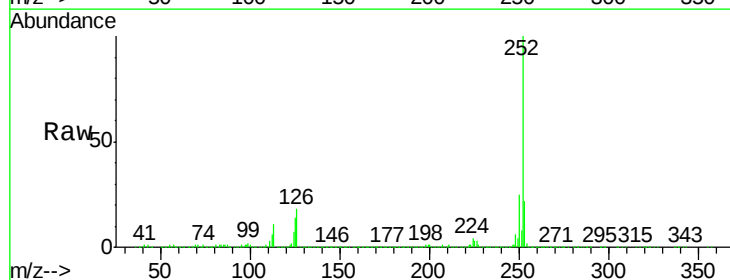
Instrument :
BNA_F
ClientSampleId :

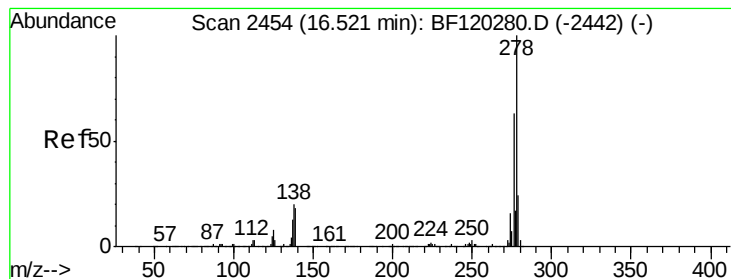
Tot Ion:252 Resp: 1249044
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 12.3 9.9 14.9



#90
Benzo(a)pyrene
Concen: 37.278 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF120304.D
Acq: 14 May 2020 21:28

Tgt Ion:252 Resp: 1287330
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 13.7 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 41.860 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

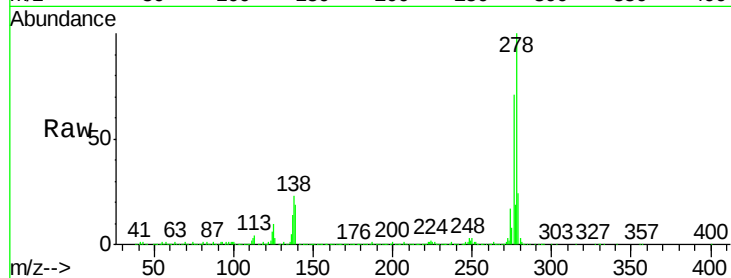
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1280644

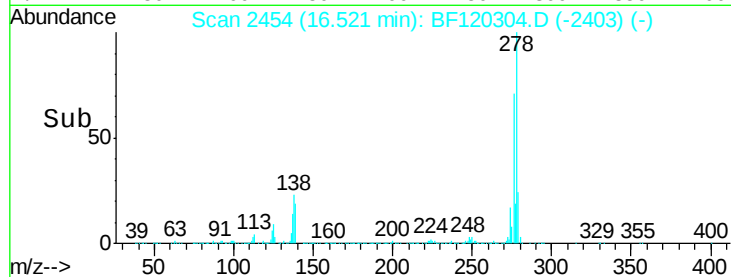
Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.7	22.1
279	24.5	19.2	28.8



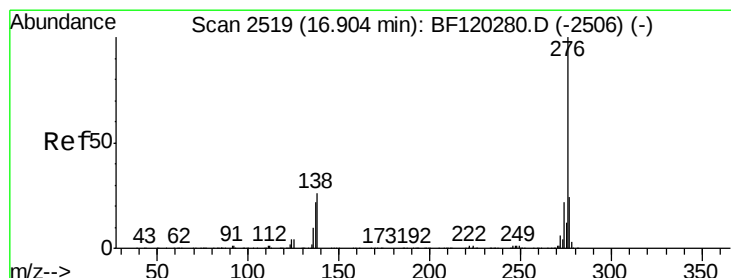
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 41.680 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BF120304.D

Acq: 14 May 2020 21:28

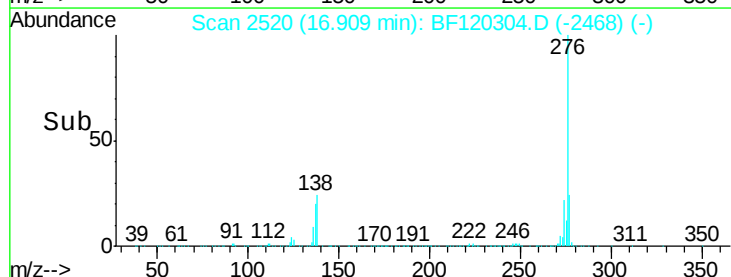
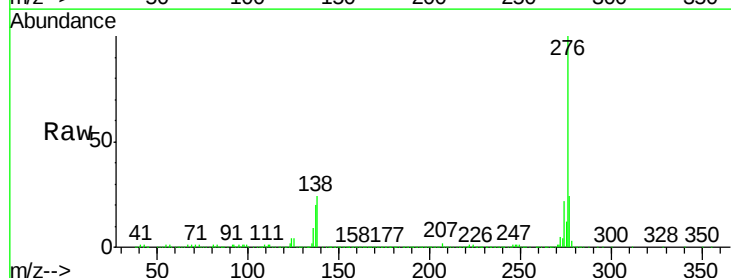
Tgt Ion:276 Resp: 1285832

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	24.5	20.8	31.2

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->