

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120353.D
 Acq On : 18 May 2020 20:28
 Operator : MA/SJ
 Sample : L2506-08MS 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 00:24:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	280270	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1053236	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	487444	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	738213	20.00	ng	0.00
76) Chrysene-d12	13.76	240	513812	20.00	ng	0.00
87) Perylene-d12	15.14	264	591465	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1199525	83.27	ng	0.00
7) Phenol-d6	6.26	99	1363869	74.87	ng	0.00
23) Nitrobenzene-d5	7.17	82	777460	50.54	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	250644	63.07	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	1424735	60.05	ng	0.00
79) Terphenyl-d14	12.72	244	1196543	51.45	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.22	88	134213	23.423	ng	97
3) Pyridine	2.89	79	284135	15.775	ng	97
4) n-Nitrosodimethylamine	2.82	42	162133	22.988	ng	# 91
6) Aniline	6.27	93	283031	12.149	ng	# 10
8) 2-Chlorophenol	6.39	128	350701	20.881	ng	97
9) Benzaldehyde	6.15	77	224633	20.004	ng	99
10) Phenol	6.27	94	452890	21.298	ng	83
11) bis(2-Chloroethyl)ether	6.34	93	341529	20.107	ng	98
12) 1,3-Dichlorobenzene	6.54	146	356386	19.830	ng	99
13) 1,4-Dichlorobenzene	6.62	146	376630	20.347	ng	99
14) 1,2-Dichlorobenzene	6.77	146	344388	20.661	ng	99
15) Benzyl Alcohol	6.76	79	269257	20.806	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	554571	20.717	ng	81
17) 2-Methylphenol	6.88	107	263117	18.558	ng	93
18) Hexachloroethane	7.11	117	123172	17.468	ng	99
19) n-Nitroso-di-n-propylamine	7.02	70	232849	19.512	ng	90
20) 3+4-Methylphenols	7.04	107	342384	18.574	ng	96
22) Acetophenone	7.02	105	466243	21.609	ng	# 97
24) Nitrobenzene	7.19	77	344587	20.814	ng	94
25) Isophorone	7.43	82	632105	19.749	ng	97
26) 2-Nitrophenol	7.51	139	176379	20.370	ng	96
27) 2,4-Dimethylphenol	7.56	122	286107	22.715	ng	96
28) bis(2-Chloroethoxy)methane	7.65	93	415619	20.659	ng	98
29) 2,4-Dichlorophenol	7.76	162	264377	20.437	ng	98
30) 1,2,4-Trichlorobenzene	7.83	180	295725	20.629	ng	98
31) Naphthalene	7.91	128	965056	21.710	ng	98
32) Benzoic acid	7.67	122	67421	8.166	ng	95
33) 4-Chloroaniline	7.97	127	202333	9.988	ng	99
34) Hexachlorobutadiene	8.03	225	168148	20.294	ng	96
35) Caprolactam	8.33	113	81052	19.152	ng	# 89
36) 4-Chloro-3-methylphenol	8.47	107	268345	19.176	ng	97
37) 2-Methylnaphthalene	8.60	142	625533	20.564	ng	100
38) 1-Methylnaphthalene	8.70	142	604523	20.490	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	283431	23.060	ng	98

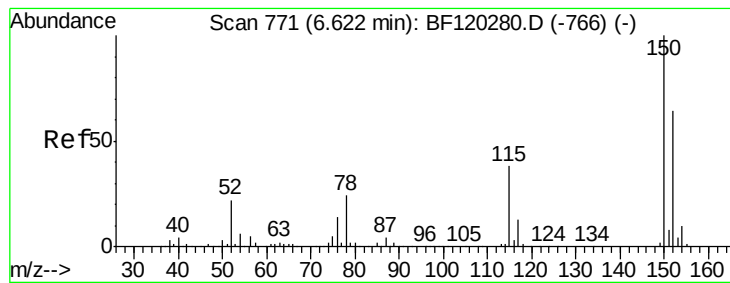
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120353.D
 Acq On : 18 May 2020 20:28
 Operator : MA/SJ
 Sample : L2506-08MS 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 00:24:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	24555	11.069	ng	96
43) 2,4,6-Trichlorophenol	8.89	196	177728	21.542	ng	100
44) 2,4,5-Trichlorophenol	8.94	196	184173	19.438	ng	98
46) 1,1'-Biphenyl	9.07	154	739631	23.158	ng	98
47) 2-Chloronaphthalene	9.09	162	554642	21.650	ng	96
48) 2-Nitroaniline	9.19	65	189728	20.297	ng	94
49) Acenaphthylene	9.50	152	938310	23.977	ng	98
50) Dimethylphthalate	9.37	163	847870	27.516	ng	98
51) 2,6-Dinitrotoluene	9.43	165	132645	19.287	ng	98
52) Acenaphthene	9.67	154	507231	21.624	ng	98
53) 3-Nitroaniline	9.60	138	94736	11.551	ng	92
54) 2,4-Dinitrophenol	9.72	184	34406	10.599	ng	# 88
55) Dibenzofuran	9.85	168	744870	22.051	ng	100
56) 4-Nitrophenol	9.80	139	150157	34.075	ng	94
57) 2,4-Dinitrotoluene	9.84	165	158910	19.698	ng	100
58) Fluorene	10.19	166	588930	22.893	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	141319	19.819	ng	99
60) Diethylphthalate	10.07	149	643923	21.646	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	280372	20.962	ng	93
62) 4-Nitroaniline	10.22	138	108261	14.176	ng	97
63) Azobenzene	10.35	77	553528	19.688	ng	98
65) 4,6-Dinitro-2-methylphenol	10.25	198	38893	10.418	ng	91
66) n-Nitrosodiphenylamine	10.30	169	506452	24.798	ng	98
67) 4-Bromophenyl-phenylether	10.67	248	153951	21.491	ng	95
68) Hexachlorobenzene	10.73	284	156325	20.860	ng	98
69) Atrazine	10.83	200	130075	21.285	ng	98
70) Pentachlorophenol	10.94	266	127603	40.034	ng	99
71) Phenanthrene	11.15	178	844138	27.213	ng	99
72) Anthracene	11.20	178	794880	23.936	ng	98
73) Carbazole	11.36	167	728522	23.480	ng	97
74) Di-n-butylphthalate	11.70	149	958248	25.625	ng	97
75) Fluoranthene	12.34	202	926702	27.872	ng	97
77) Benzidine	12.48	184	188886	12.589	ng	97
78) Pyrene	12.57	202	1104252	30.146	ng	98
80) Butylbenzylphthalate	13.19	149	329237	19.088	ng	96
81) Benzo(a)anthracene	13.75	228	777731	28.698	ng	98
82) 3,3'-Dichlorobenzidine	13.72	252	140307	13.739	ng	98
83) Chrysene	13.79	228	755428	25.959	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	441389	20.568	ng	99
85) Di-n-octyl phthalate	14.36	149	792275	20.522	ng	99
86) Indeno(1,2,3-cd)pyrene	16.46	276	662498	25.084	ng	98
88) Benzo(b)fluoranthene	14.76	252	868011	26.872	ng	99
89) Benzo(k)fluoranthene	14.79	252	673284	24.059	ng	100
90) Benzo(a)pyrene	15.09	252	737777	25.468	ng	99
91) Dibenzo(a,h)anthracene	16.47	278	514871	20.063	ng	98
92) Benzo(g,h,i)perylene	16.86	276	566258	21.881	ng	99

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

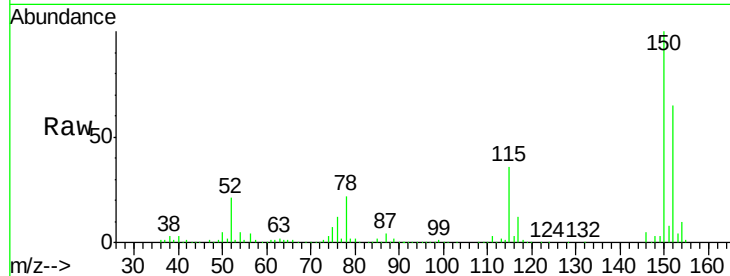


#1

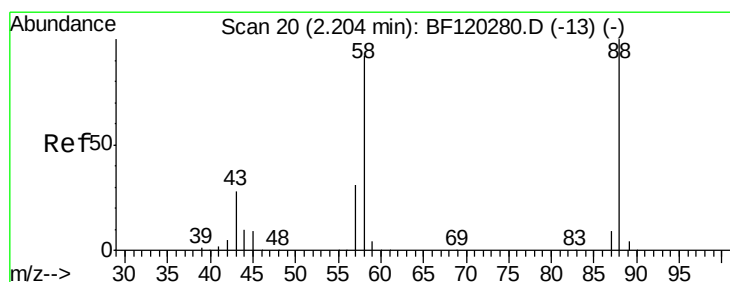
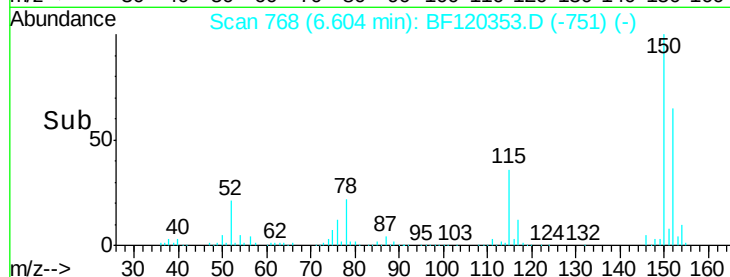
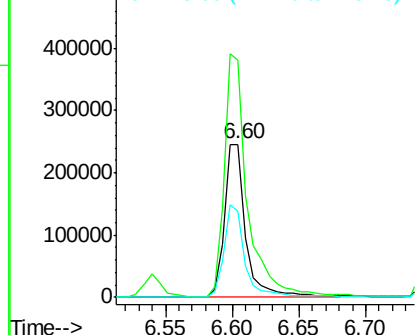
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 280270
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 56.4 47.9 71.9



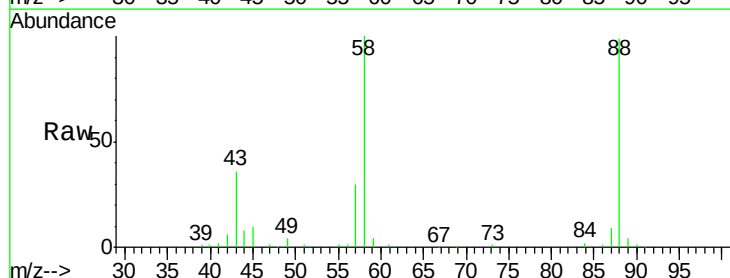
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



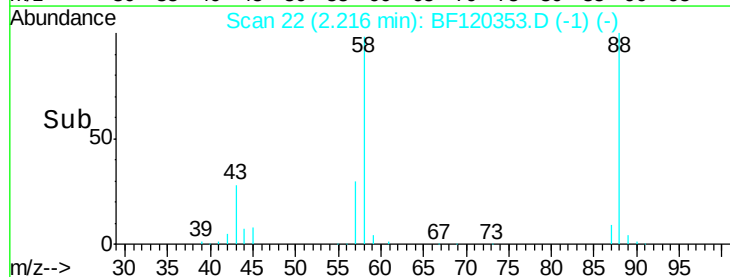
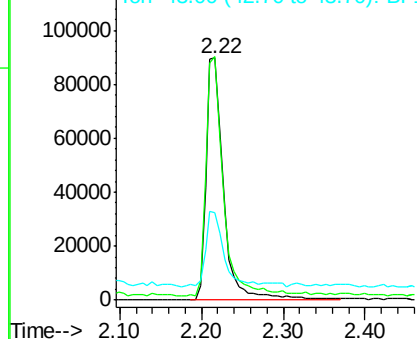
#2

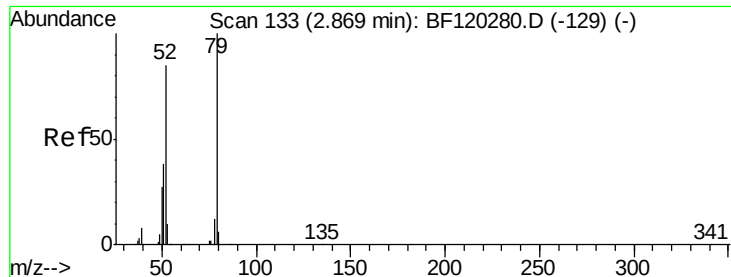
1,4-Dioxane
Concen: 23.423 ng
RT: 2.22 min Scan# 22
Delta R.T. 0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion: 88 Resp: 134213
Ion Ratio Lower Upper
88 100
58 97.5 75.8 113.6
43 31.6 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: 15.775 ng

RT: 2.89 min Scan# 137

Delta R.T. 0.04 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

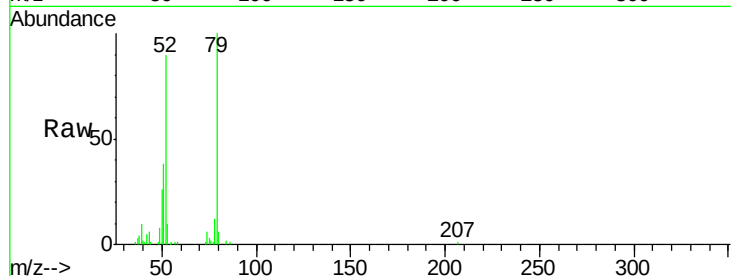
Tot Ion: 79 Resp: 284135

Ion Ratio Lower Upper

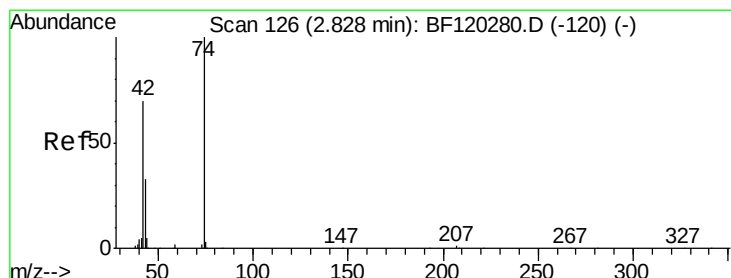
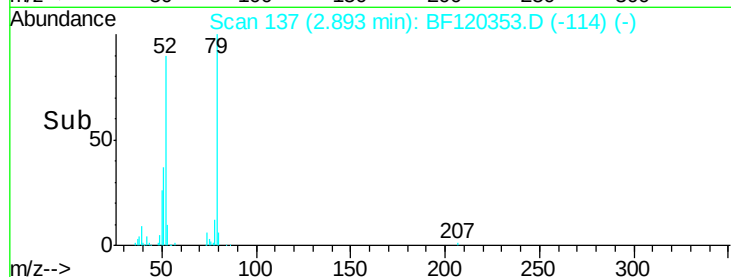
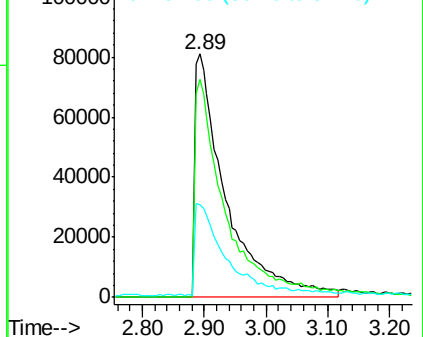
79 100

52 89.6 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: 22.988 ng

RT: 2.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

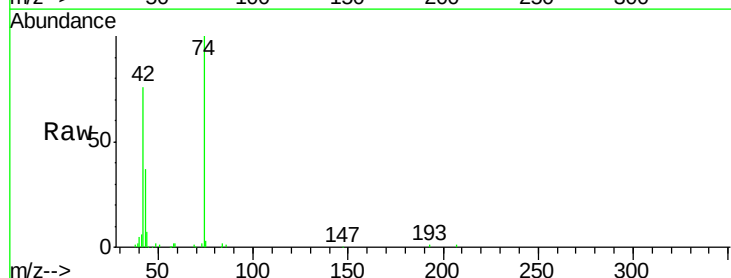
Tgt Ion: 42 Resp: 162133

Ion Ratio Lower Upper

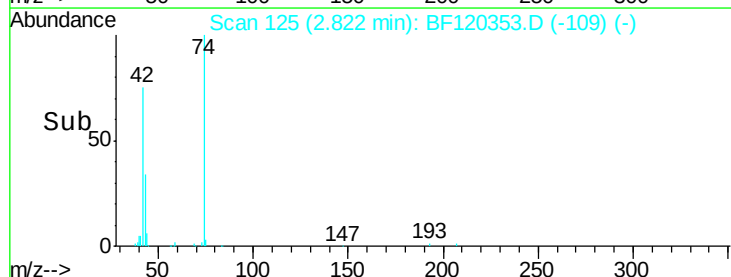
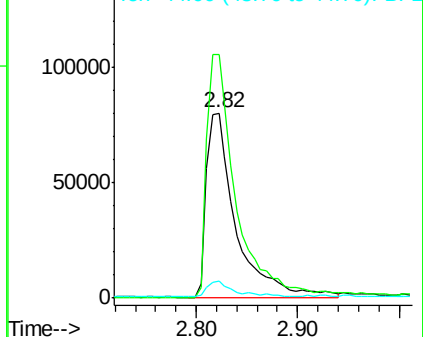
42 100

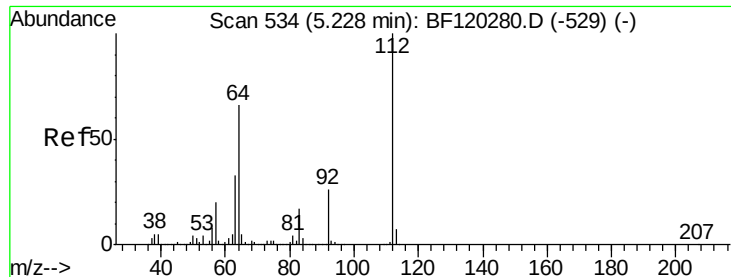
74 131.8 114.8 172.2

44 8.9 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: 83.274 ng

RT: 5.21 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

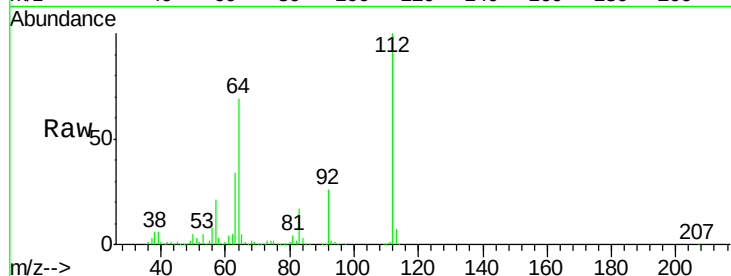
Tot Ion:112 Resp: 1199525

Ion Ratio Lower Upper

112 100

64 69.4 52.7 79.1

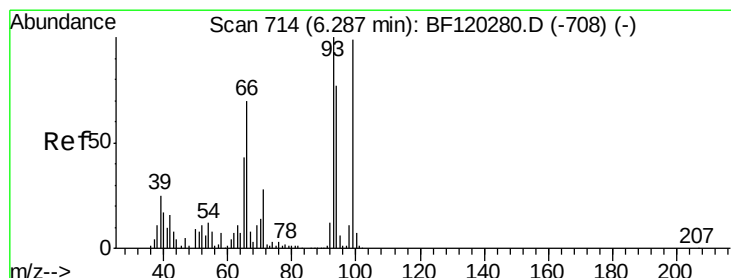
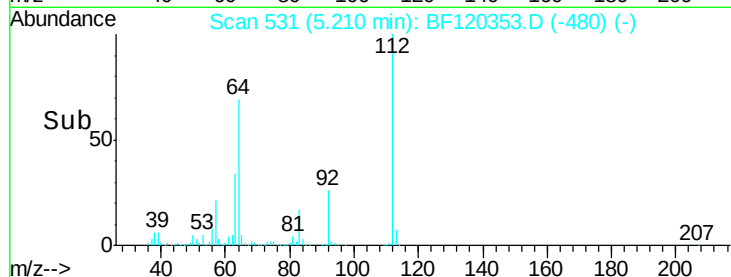
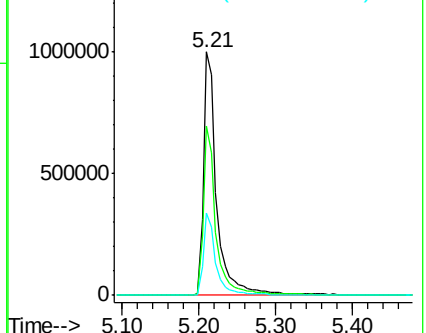
63 33.8 26.2 39.4



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: 12.149 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

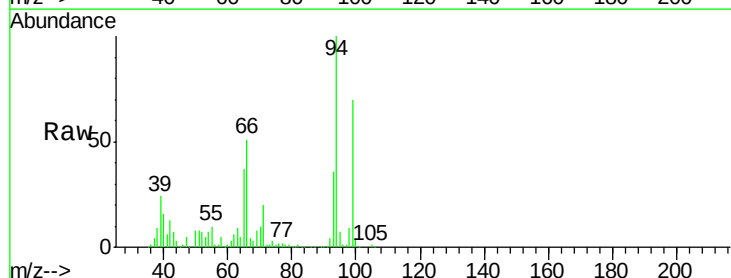
Tgt Ion: 93 Resp: 283031

Ion Ratio Lower Upper

93 100

66 142.4 56.2 84.4#

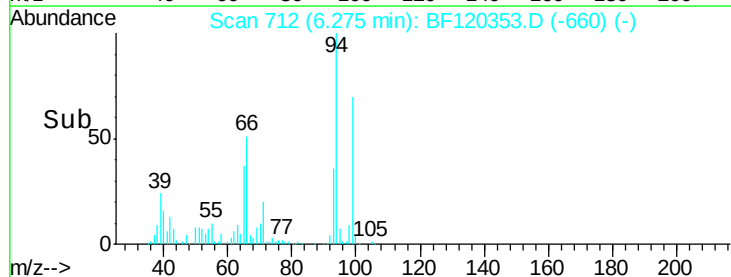
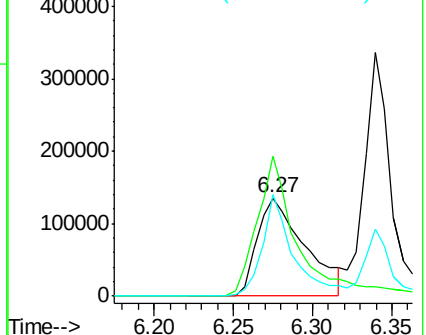
65 102.9 34.2 51.2#

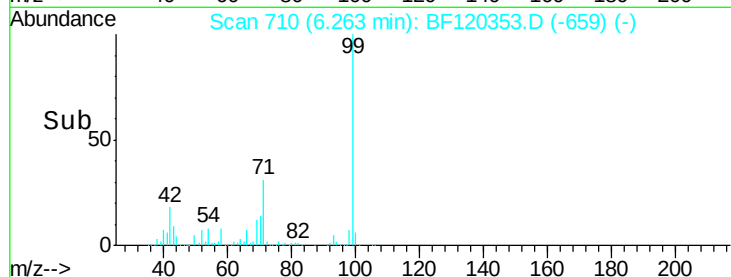
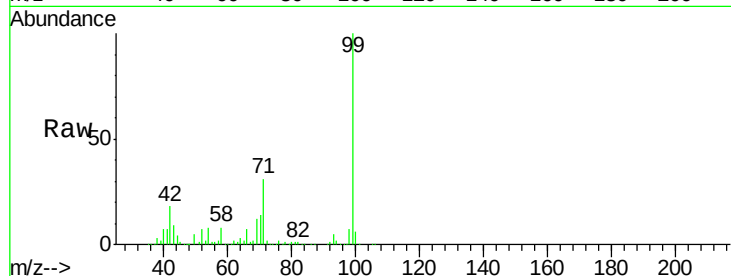
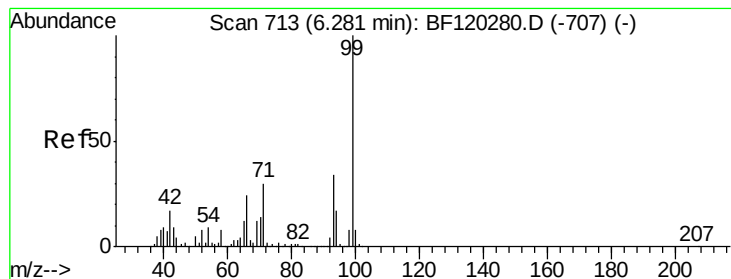


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.873 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

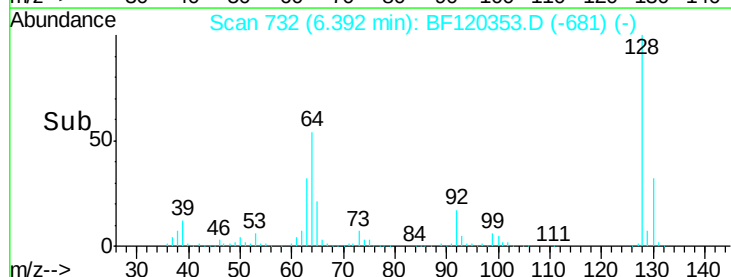
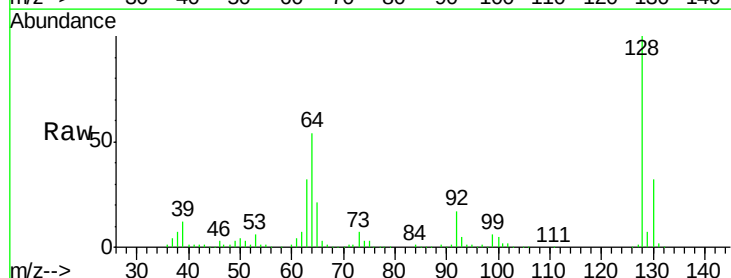
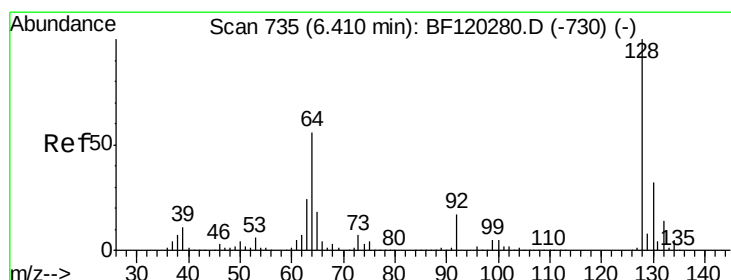
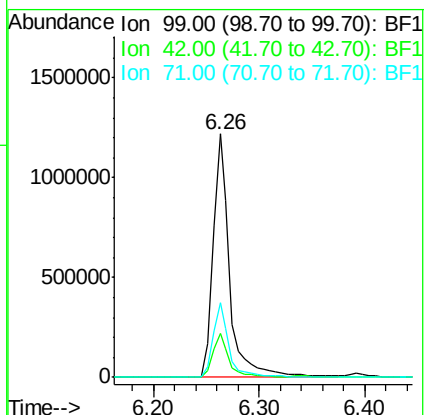
Tot Ion: 99 Resp: 1363869

Ion Ratio Lower Upper

99 100

42 18.0 13.6 20.4

71 30.5 24.2 36.4



#8

2-Chlorophenol

Concen: 20.881 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

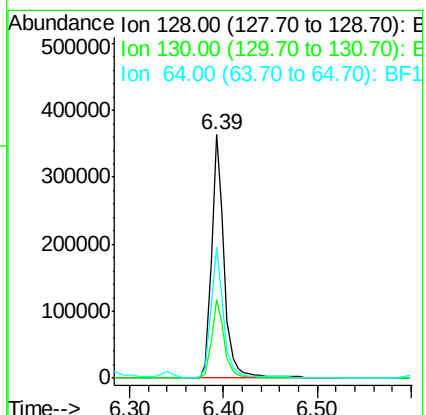
Tgt Ion:128 Resp: 350701

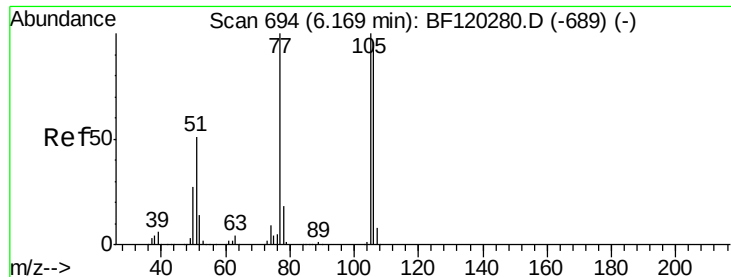
Ion Ratio Lower Upper

128 100

130 32.1 12.4 52.4

64 53.9 36.7 76.7





#9

Benzaldehyde

Concen: 20.004 ng

RT: 6.15 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

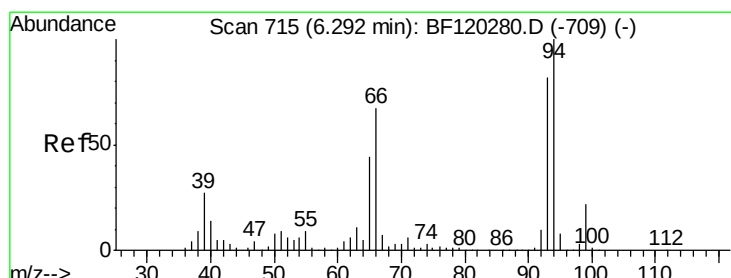
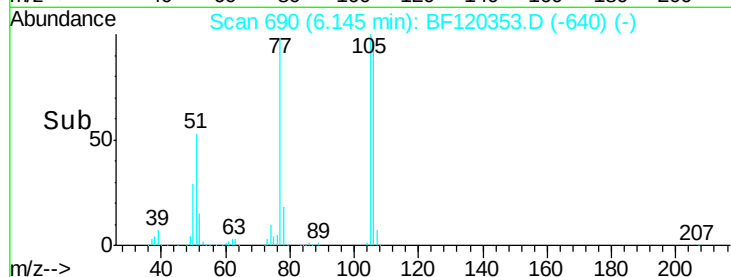
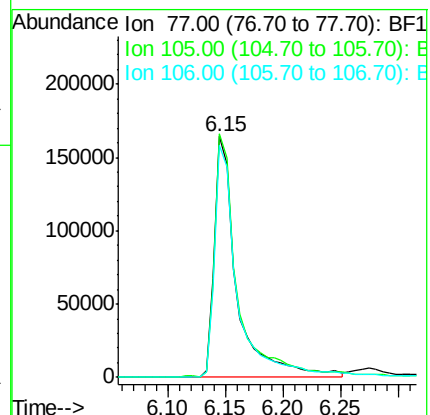
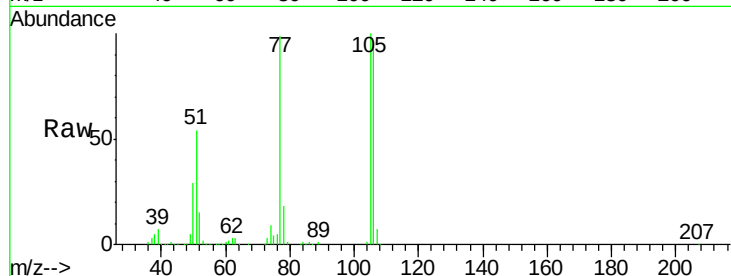
Tot Ion: 77 Resp: 224633

Ion Ratio Lower Upper

77 100

105 101.2 79.9 119.9

106 96.5 75.7 115.7



#10

Phenol

Concen: 21.298 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

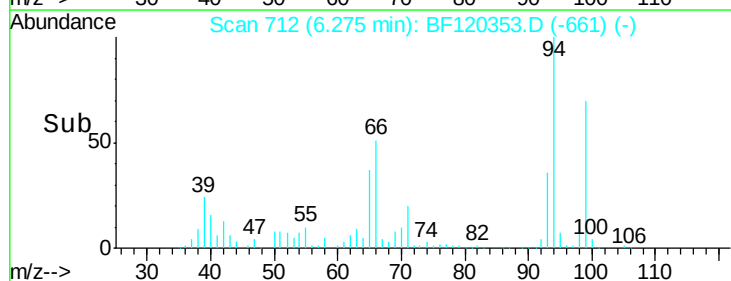
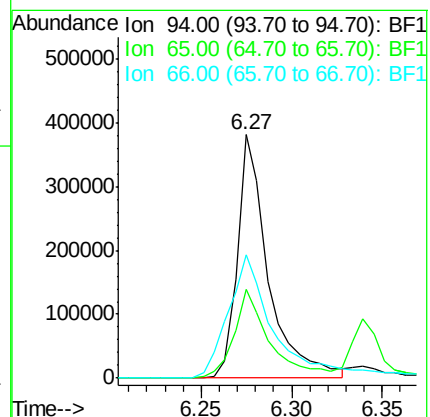
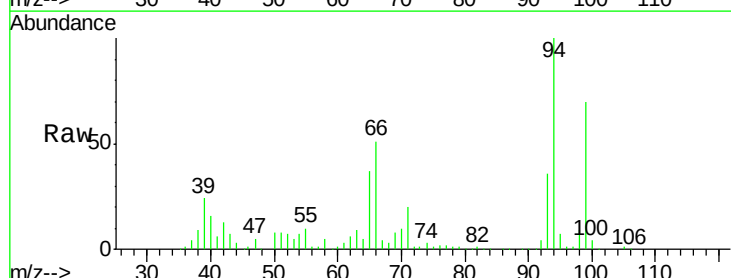
Tgt Ion: 94 Resp: 452890

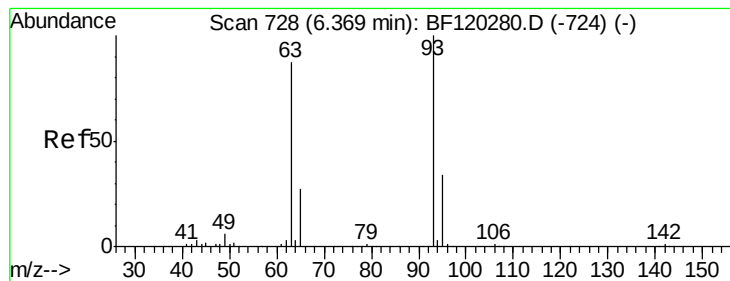
Ion Ratio Lower Upper

94 100

65 36.6 24.1 64.1

66 50.6 47.5 87.5

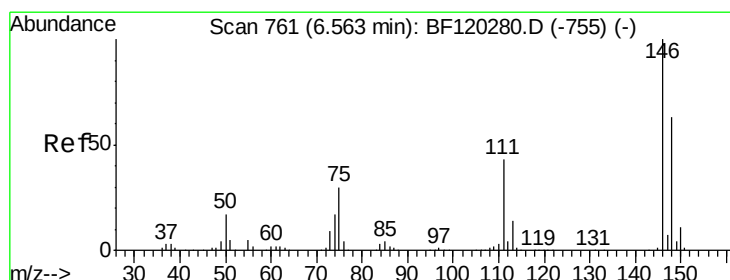
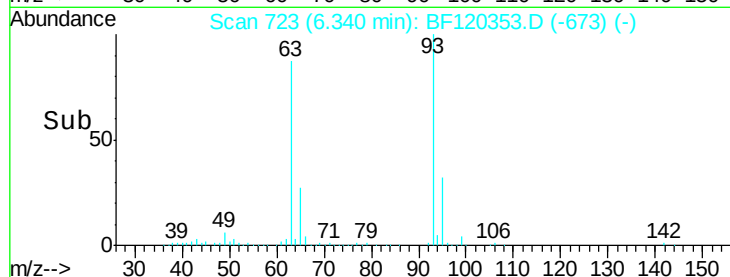
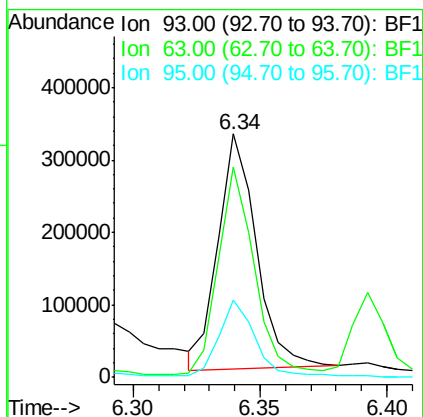
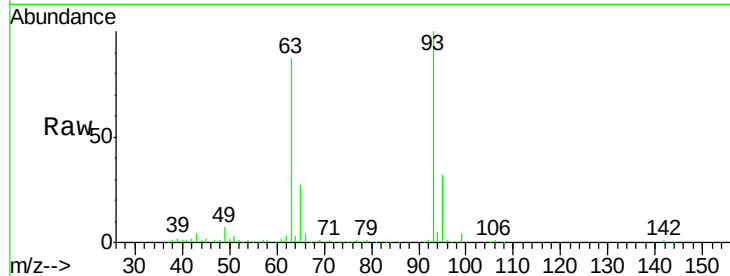




#11
bis(2-Chloroethyl)ether
Concen: 20.107 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

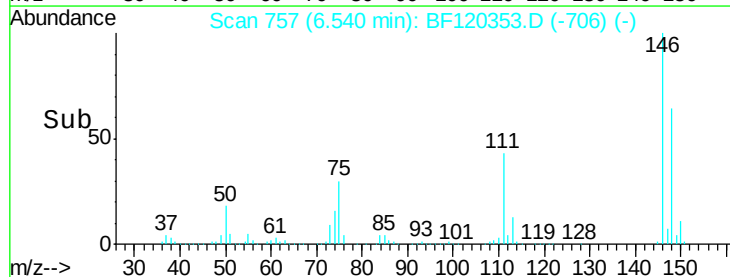
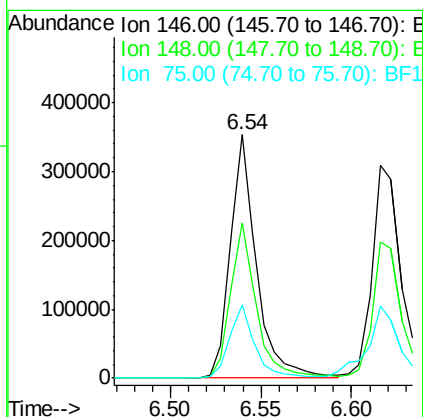
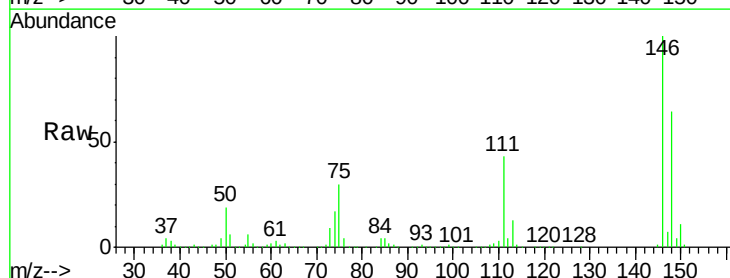
Instrument :
BNA_F
ClientSampleId :

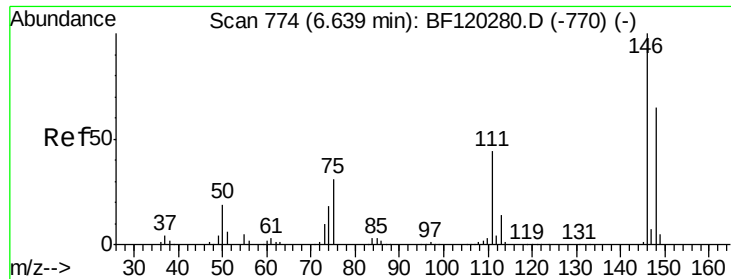
Tot Ion: 93 Resp: 341529
Ion Ratio Lower Upper
93 100
63 86.6 65.4 105.4
95 31.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 19.830 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion: 146 Resp: 356386
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 30.0 24.2 36.4

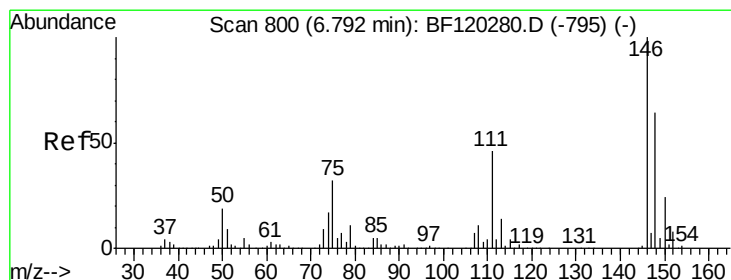
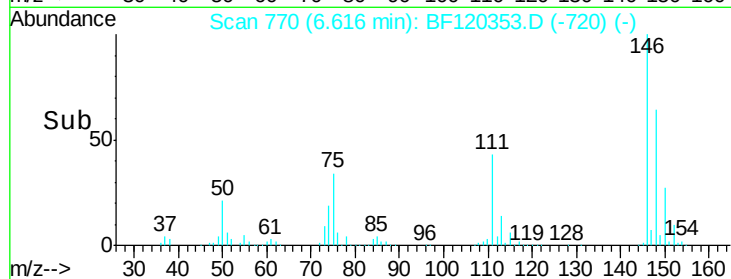
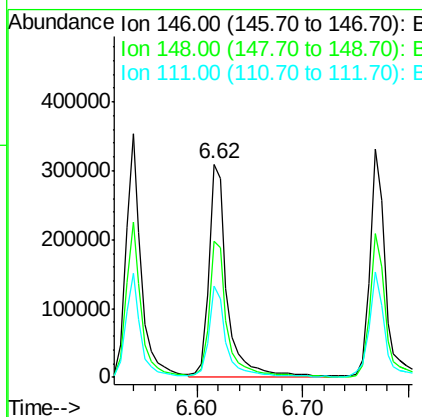
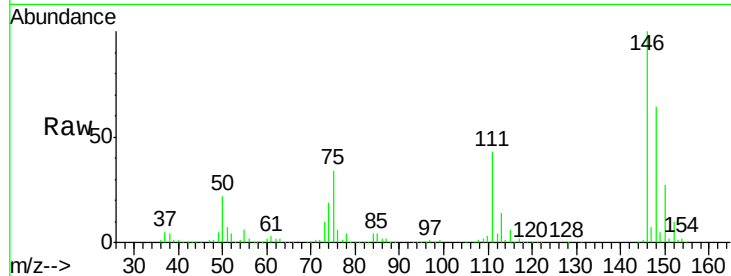




#13
 1,4-Dichlorobenzene
 Concen: 20.347 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

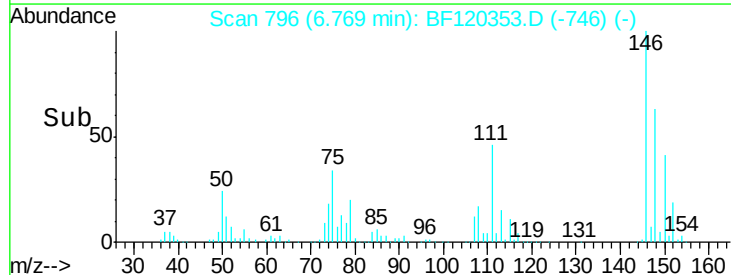
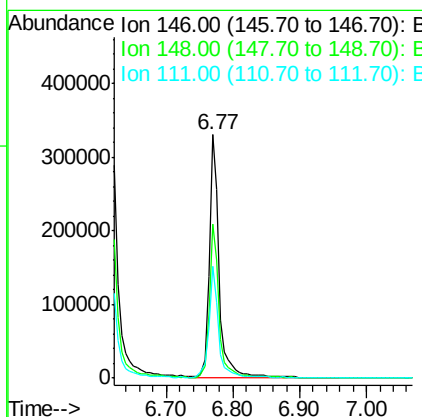
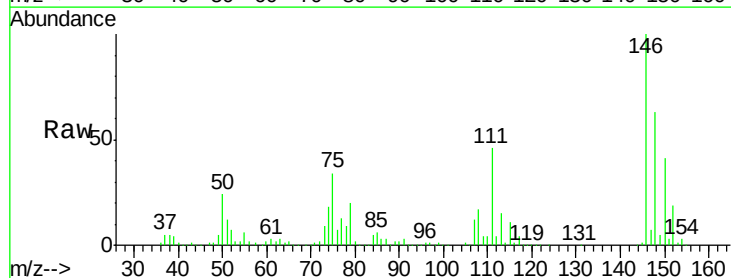
Instrument :
 BNA_F
 ClientSampled :

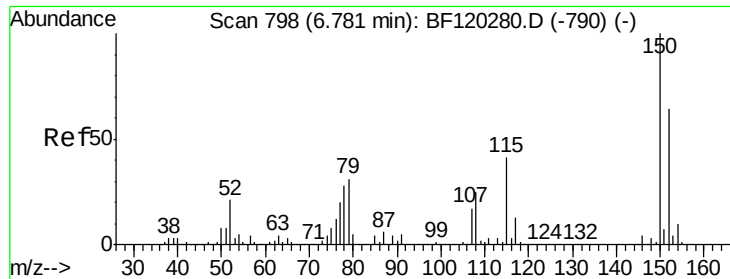
Tot Ion:146 Resp: 376630
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.6 77.4
 111 43.1 35.1 52.7



#14
 1,2-Dichlorobenzene
 Concen: 20.661 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion:146 Resp: 344388
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 46.0 36.6 55.0





#15

Benzyl Alcohol

Concen: 20.806 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

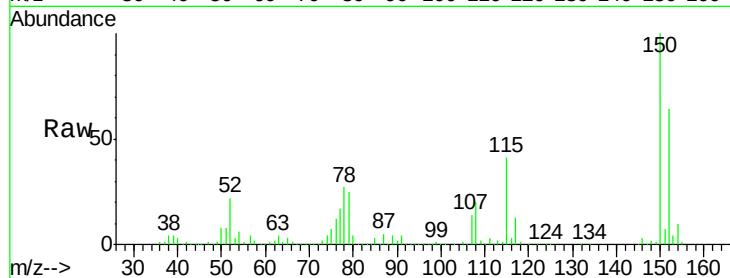
Tot Ion: 79 Resp: 269257

Ion Ratio Lower Upper

79 100

108 78.2 64.2 96.4

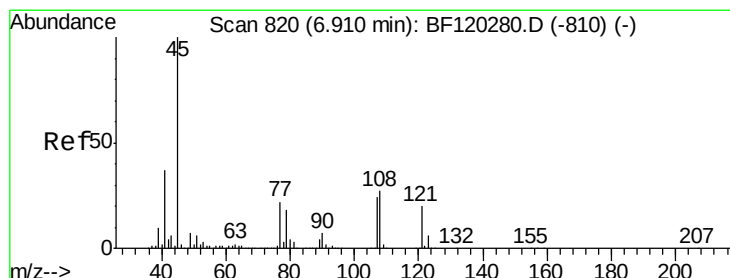
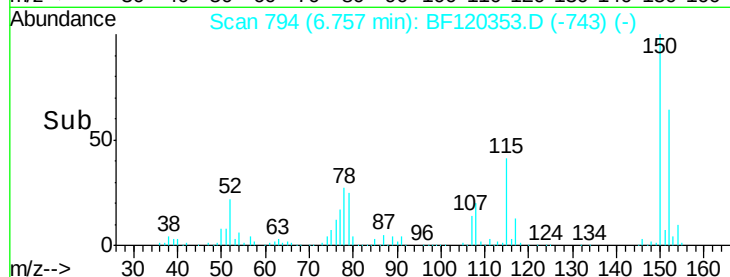
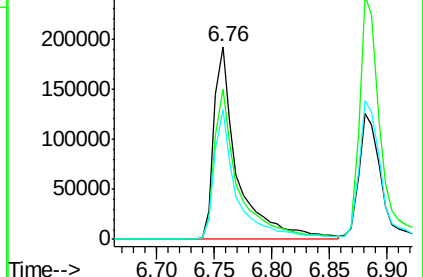
77 67.2 51.6 77.4



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: 20.717 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

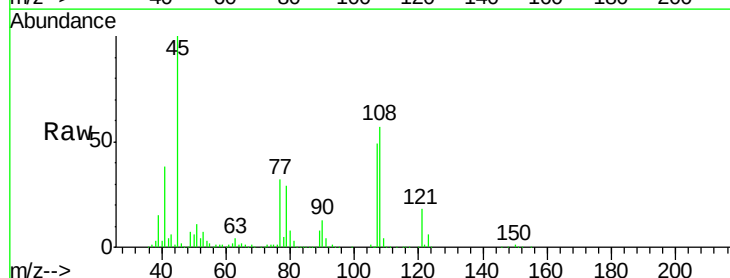
Tgt Ion: 45 Resp: 554571

Ion Ratio Lower Upper

45 100

77 32.0 3.1 43.1

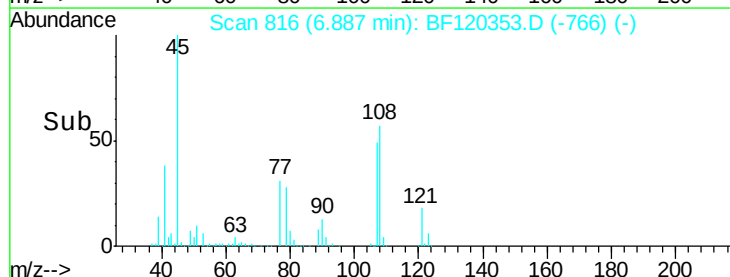
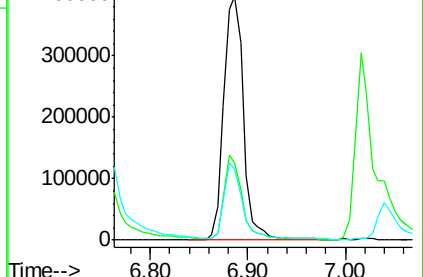
79 28.9 0.0 40.0

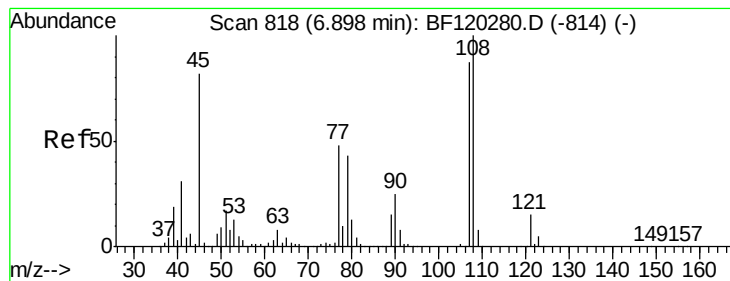


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 18.558 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 263117

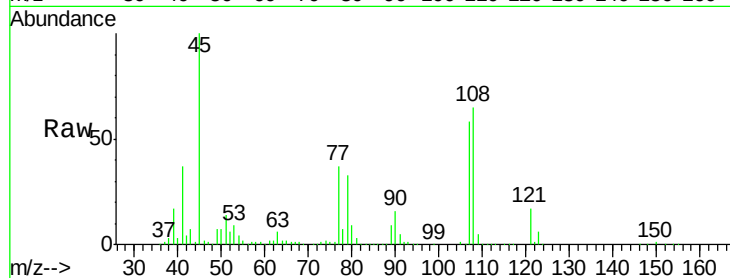
Ion Ratio Lower Upper

107 100

108 112.4 92.4 138.6

77 64.0 44.5 66.7

79 58.1 40.4 60.6

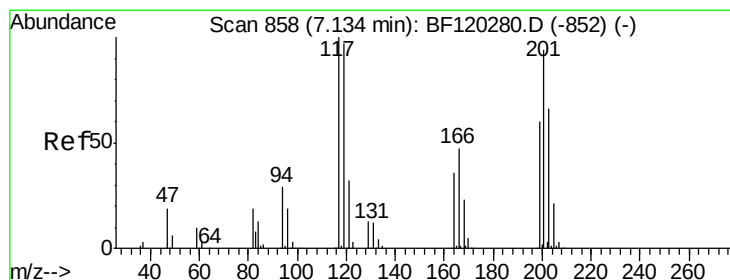
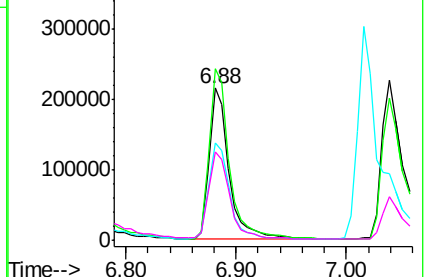
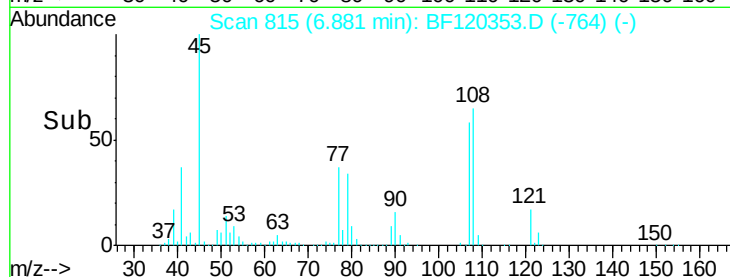


Abundance Ion 107.00 (106.70 to 107.70): E

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: 17.468 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

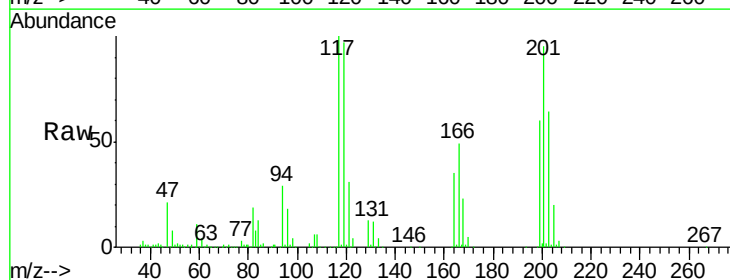
Tgt Ion:117 Resp: 123172

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

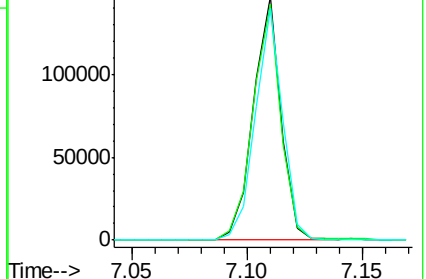
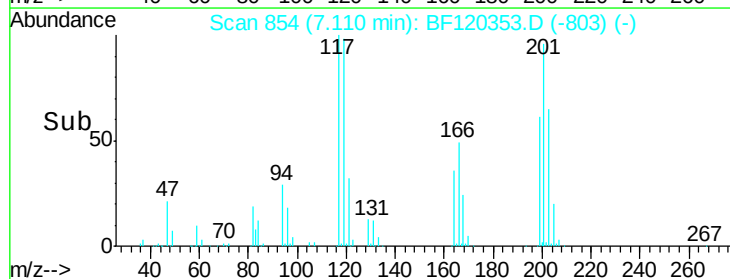
201 95.3 74.9 112.3

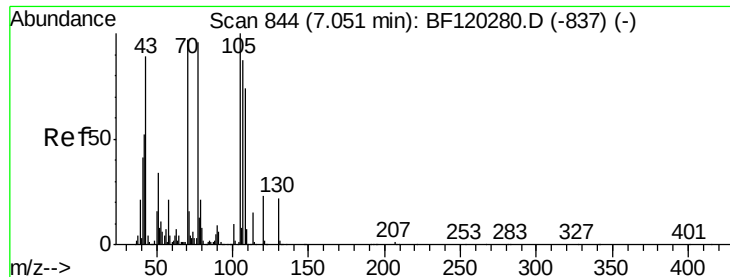


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

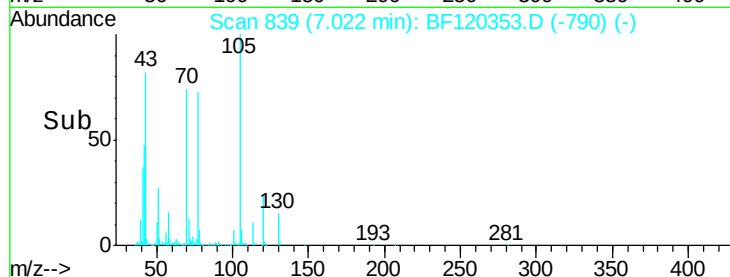
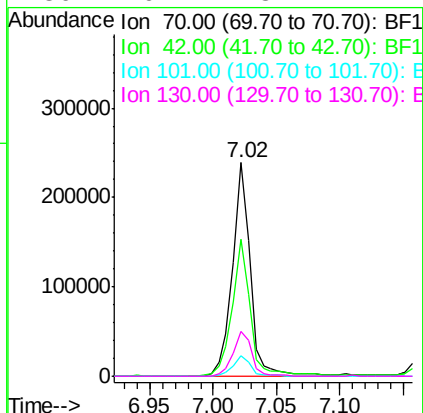
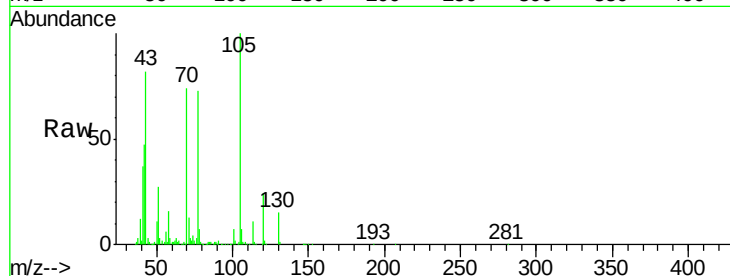




#19
n-Nitroso-di-n-propylamine
Concen: 19.512 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

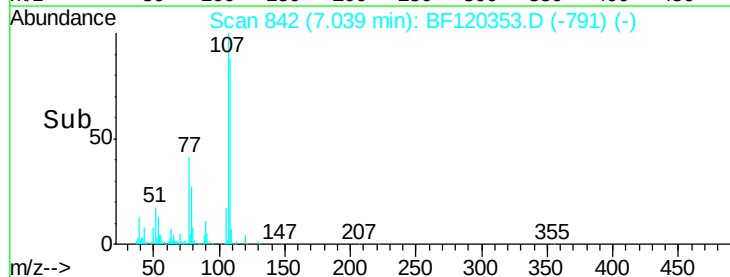
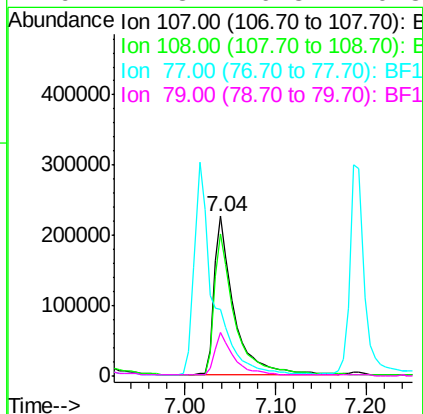
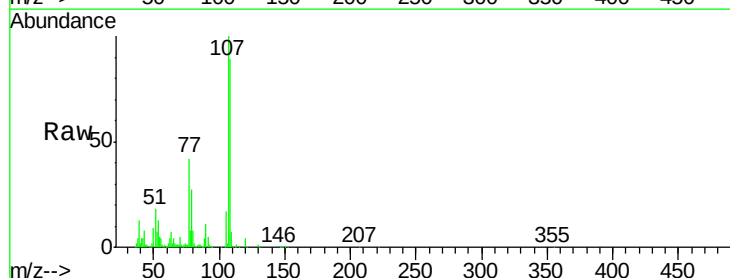
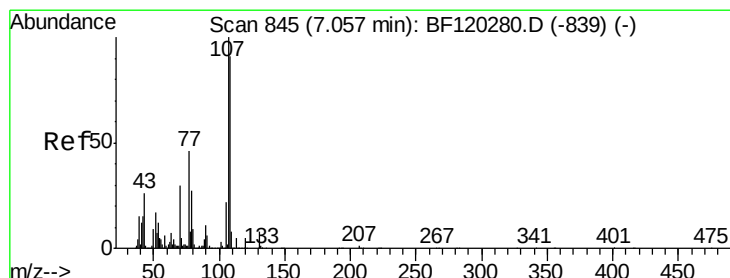
Instrument :
BNA_F
ClientSampleId :

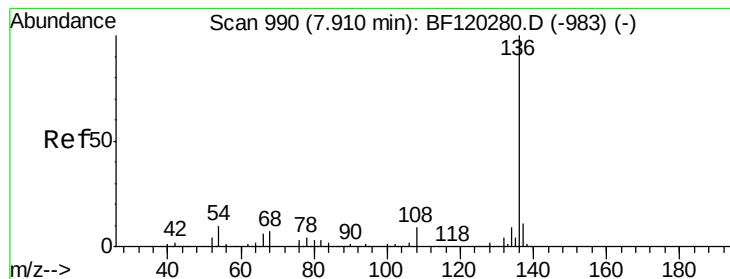
Tot Ion:	70	Resp:	232849
Ion	Ratio	Lower	Upper
70	100		
42	64.2	43.4	65.0
101	9.4	7.8	11.8
130	20.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 18.574 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion:	107	Resp:	342384
Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.1	111.1
77	42.1	28.1	68.1
79	27.3	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1053236

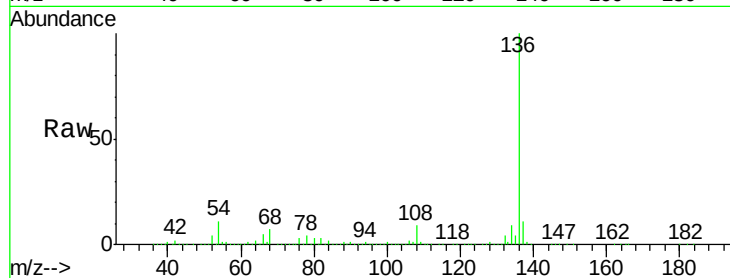
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.6 7.9 11.9

68 6.5 5.4 8.2

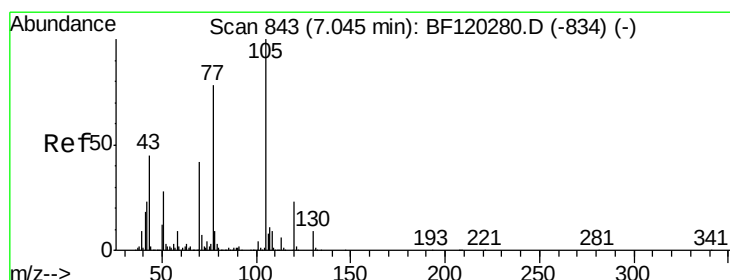
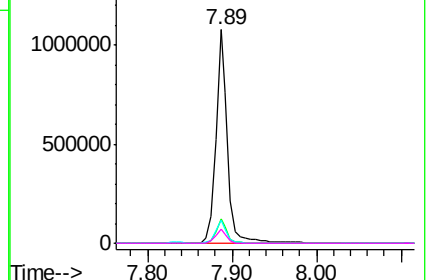
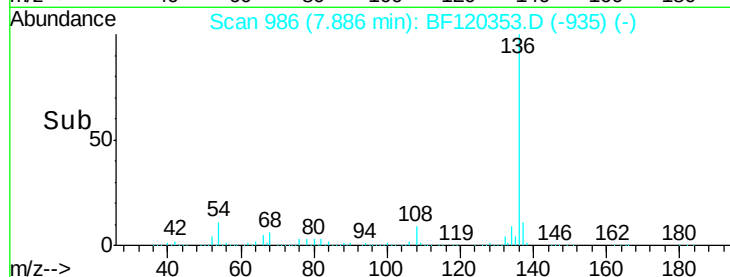


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.609 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:105 Resp: 466243

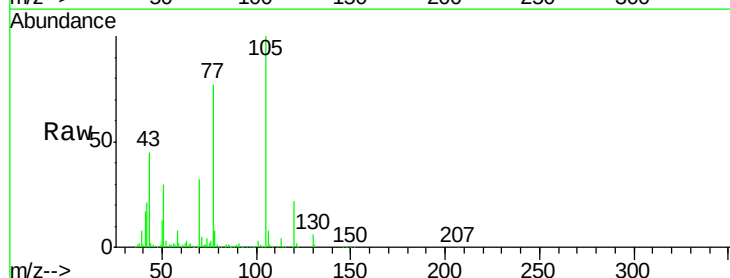
Ion Ratio Lower Upper

105 100

71 5.5 5.6 8.4#

51 30.2 22.6 34.0

120 22.3 18.7 28.1

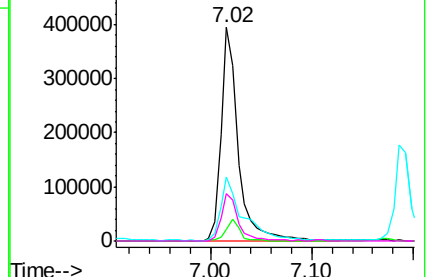
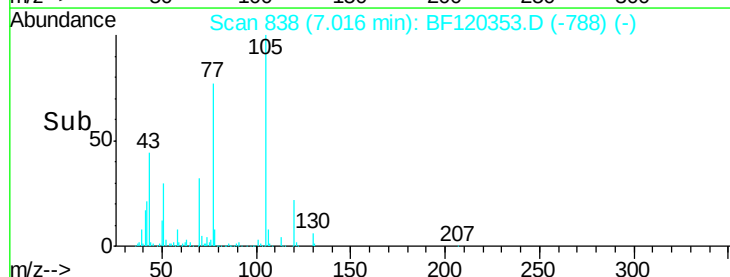


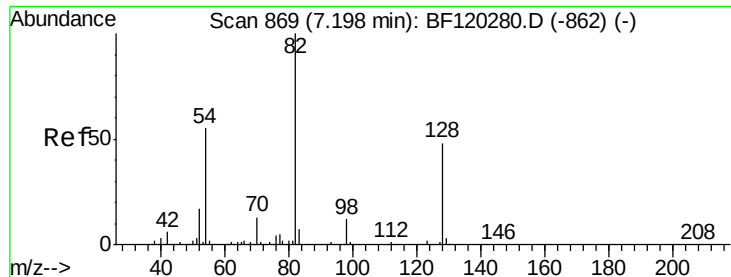
Abundance Ion 105.00 (104.70 to 105.70): E

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

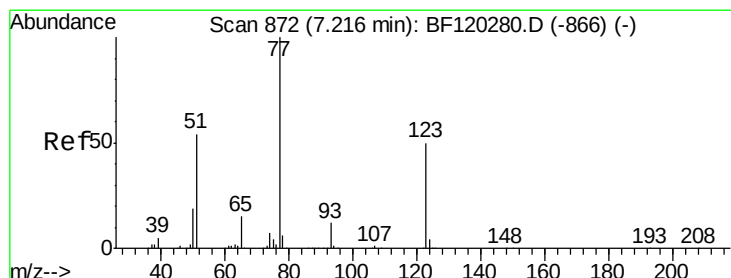
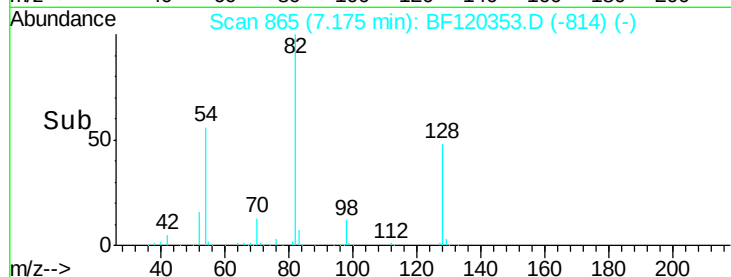
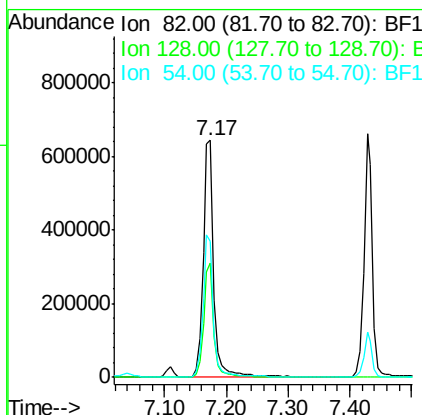
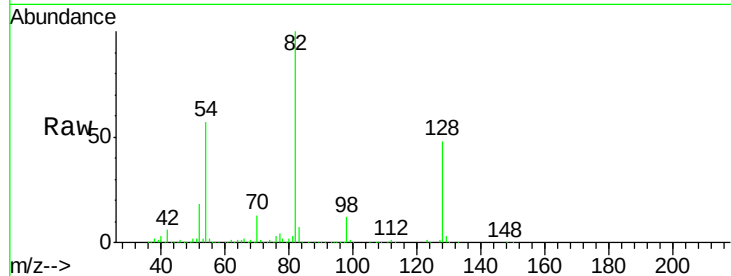




#23
Nitrobenzene-d5
Concen: 50.539 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

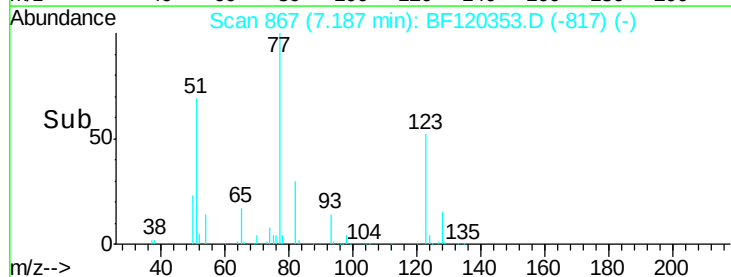
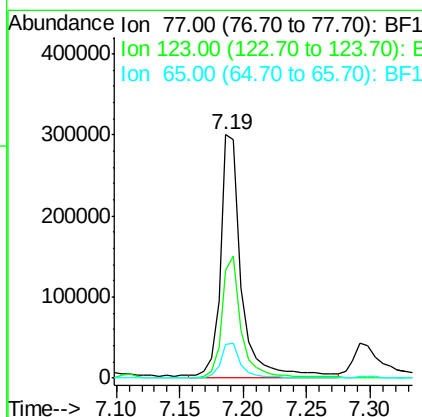
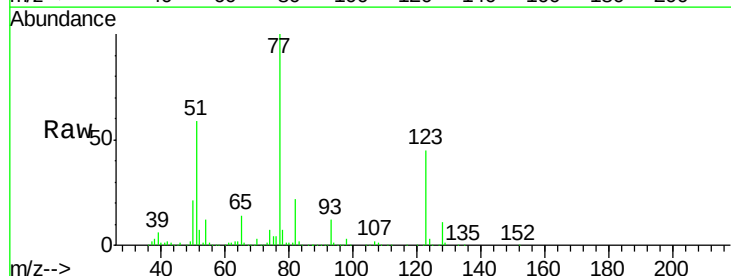
Instrument :
BNA_F
ClientSampleId :

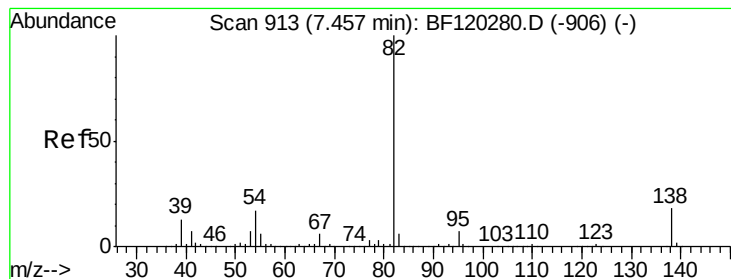
Tot Ion	82	Resp	777460
Ion Ratio	Lower	Upper	
82	100		
128	48.3	38.3	57.5
54	57.3	43.9	65.9



#24
Nitrobenzene
Concen: 20.814 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	77	Resp	344587
Ion Ratio	Lower	Upper	
77	100		
123	44.5	40.0	60.0
65	14.0	11.7	17.5





#25

Isophorone

Concen: 19.749 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

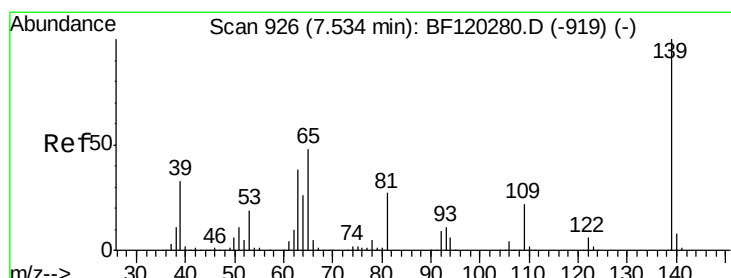
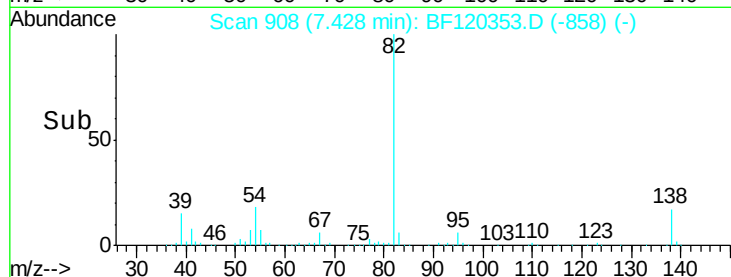
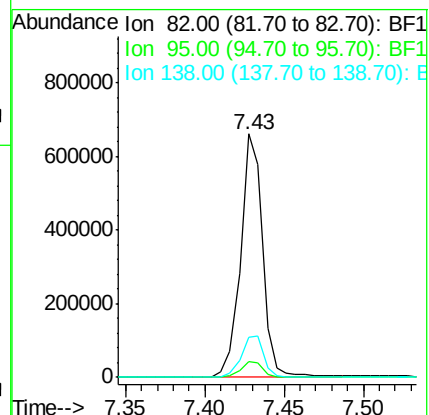
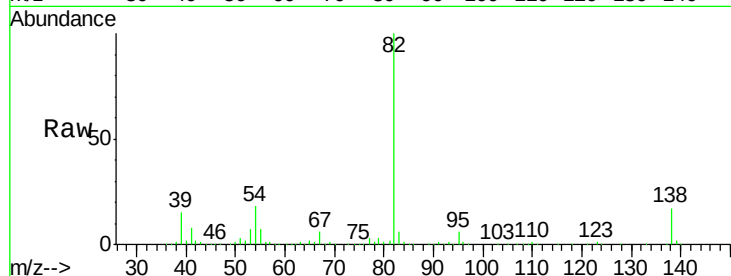
Tot Ion: 82 Resp: 632105

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.0

138 16.6 14.7 22.1



#26

2-Nitrophenol

Concen: 20.370 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

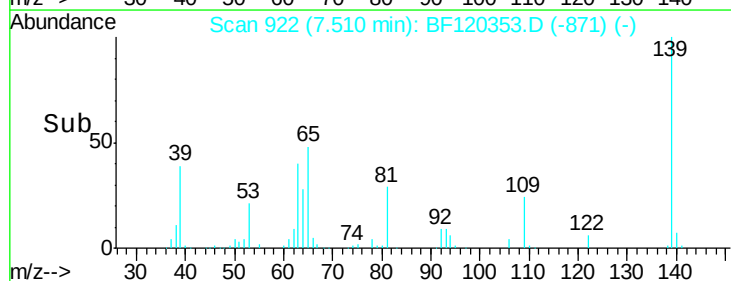
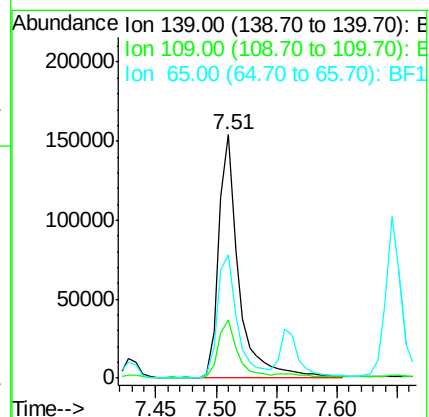
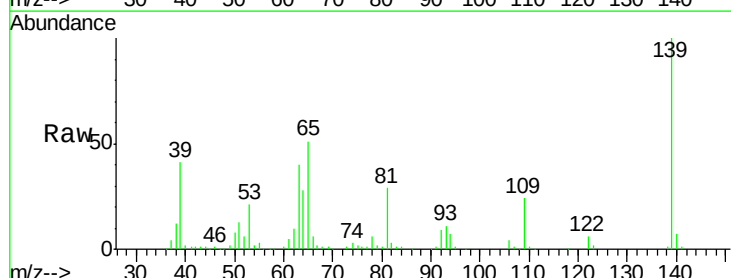
Tgt Ion: 139 Resp: 176379

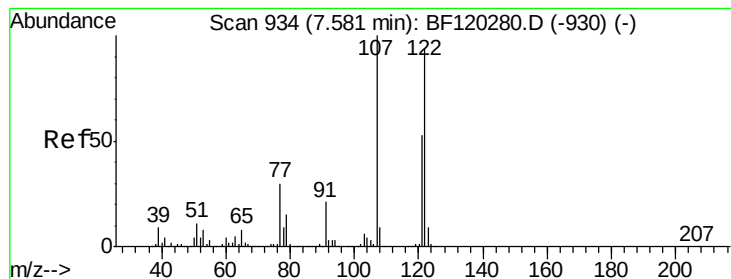
Ion Ratio Lower Upper

139 100

109 23.9 17.7 26.5

65 50.5 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 22.715 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF120353.D

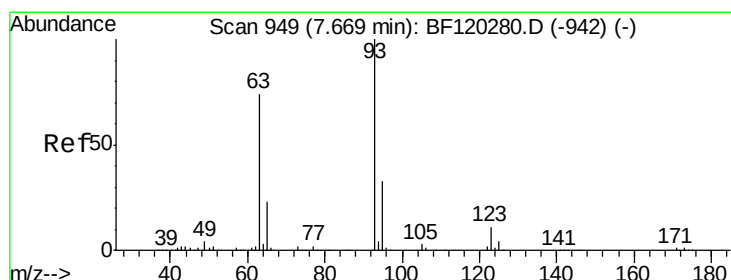
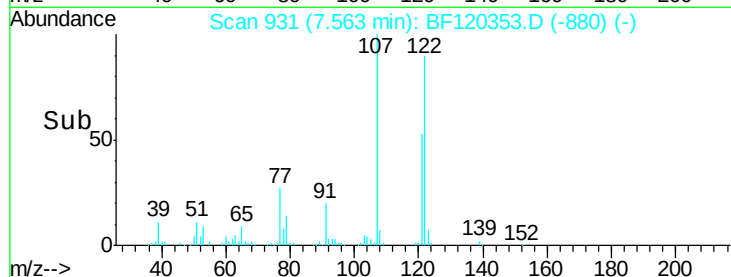
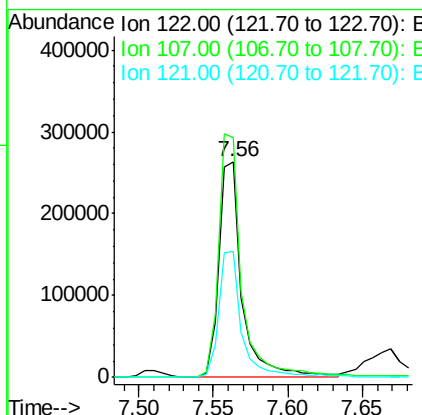
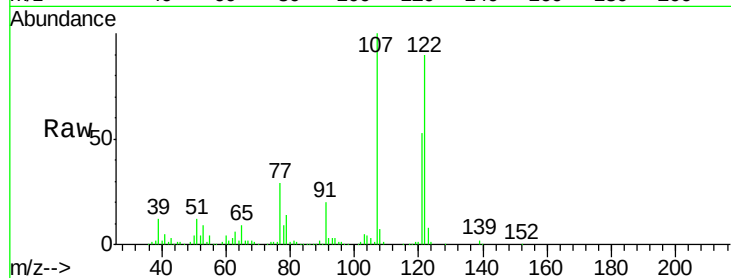
Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	122	Resp:	286107
Ion	Ratio	Lower	Upper
122	100		
107	110.9	85.0	127.6
121	58.5	45.1	67.7



#28

bis(2-Chloroethoxy)methane

Concen: 20.659 ng

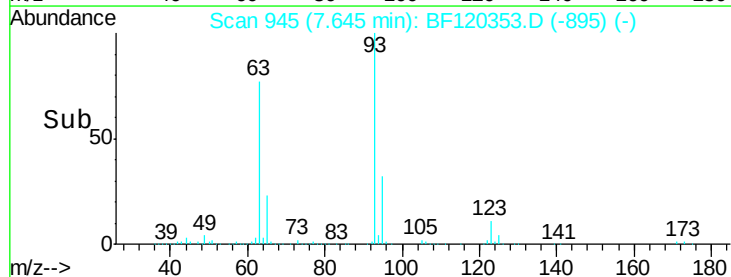
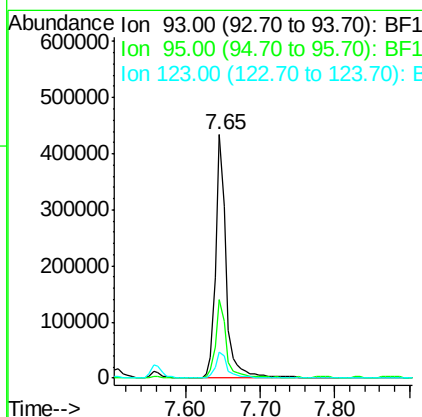
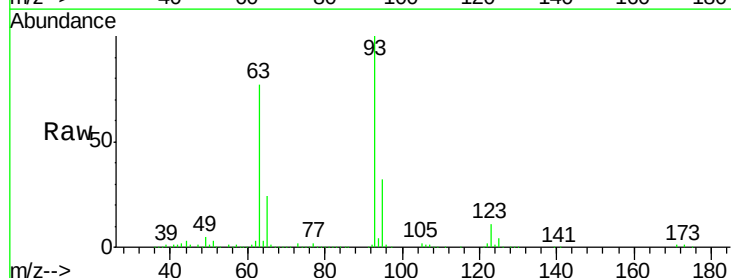
RT: 7.65 min Scan# 945

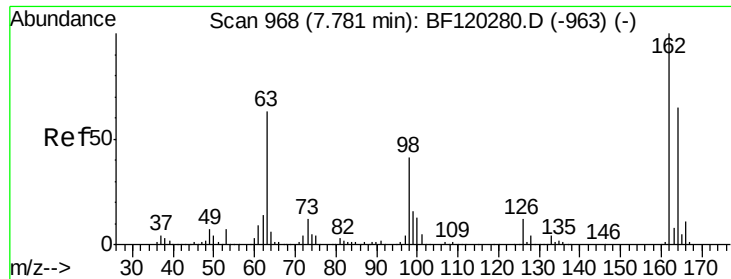
Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:	93	Resp:	415619
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.8	40.2
123	10.8	9.2	13.8

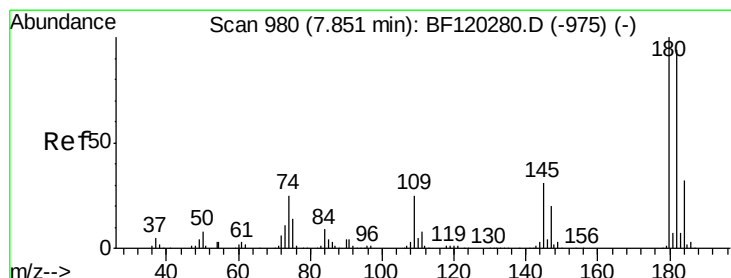
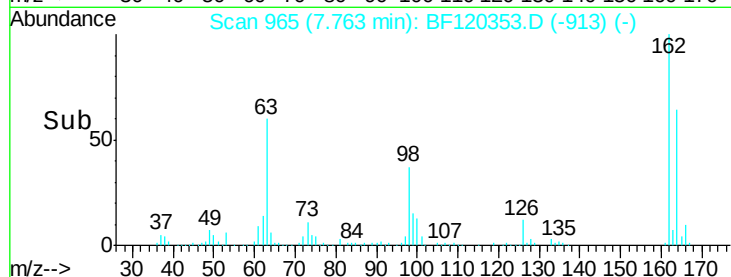
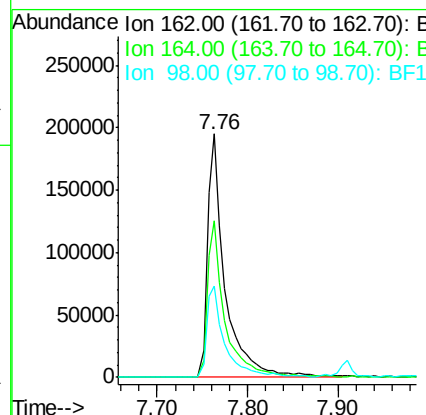
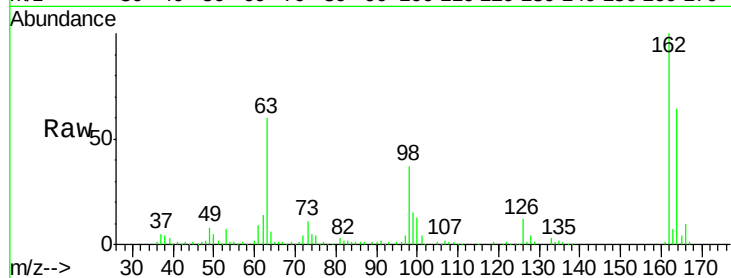




#29
2,4-Dichlorophenol
Concen: 20.437 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

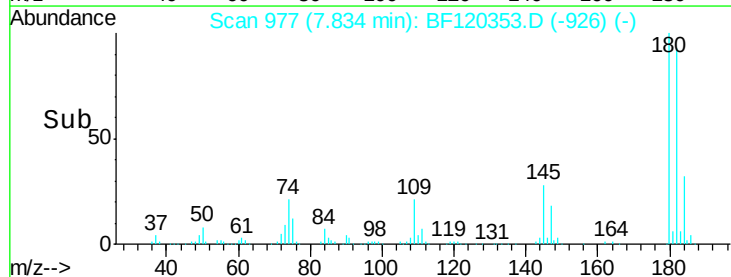
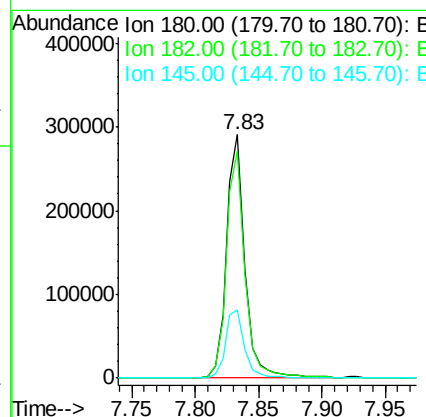
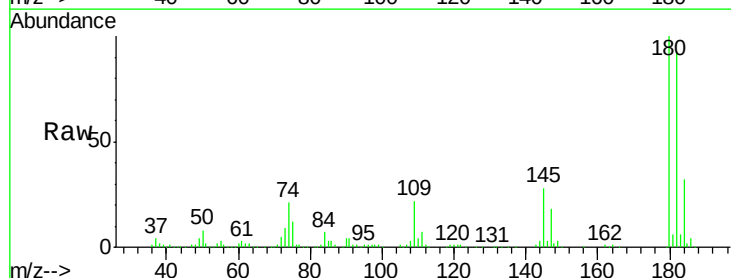
Instrument :
BNA_F
ClientSampled :

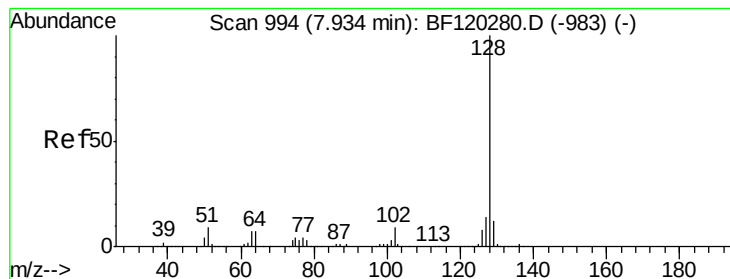
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.9	84.9
98	37.5	20.7	60.7



#30
1,2,4-Trichlorobenzene
Concen: 20.629 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.3	112.9
145	27.9	24.9	37.3





#31

Naphthalene

Concen: 21.710 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

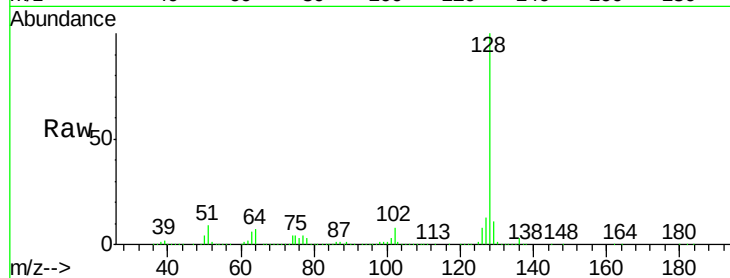
Tot Ion:128 Resp: 965056

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

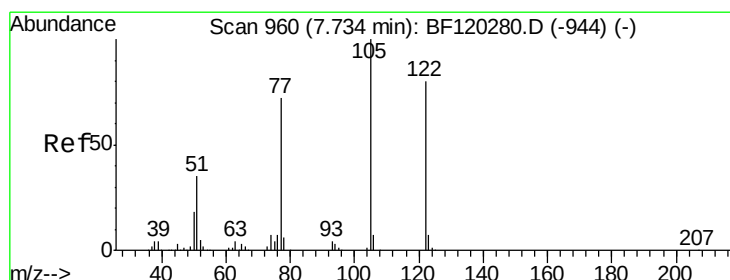
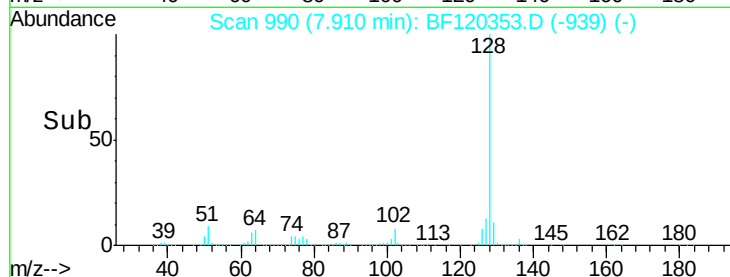
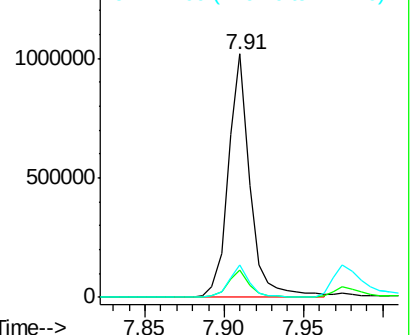
127 13.2 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.166 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.05 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

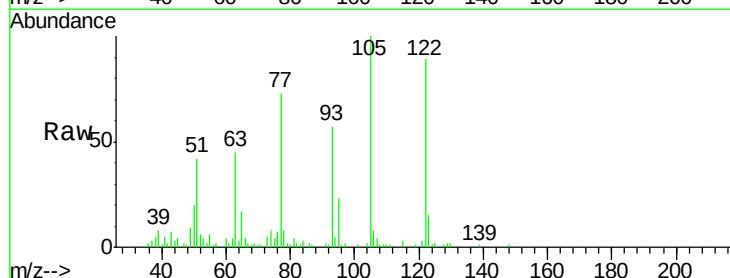
Tgt Ion:122 Resp: 67421

Ion Ratio Lower Upper

122 100

105 112.9 98.1 138.1

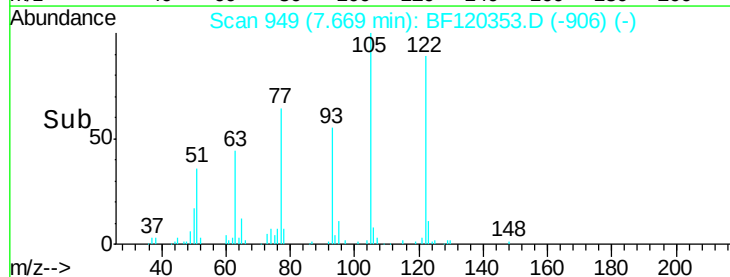
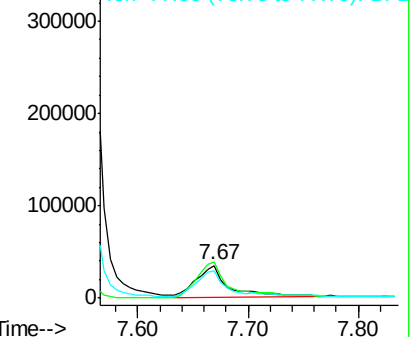
77 82.7 66.7 106.7

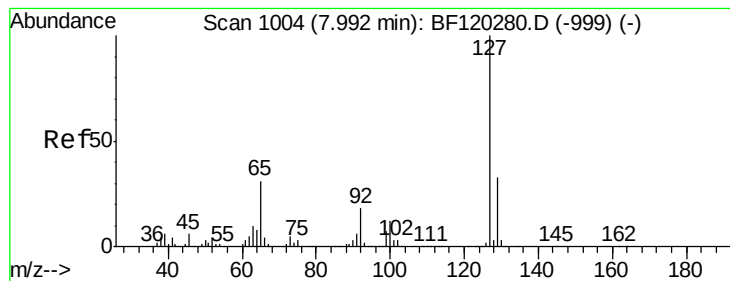


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 9.988 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 202333

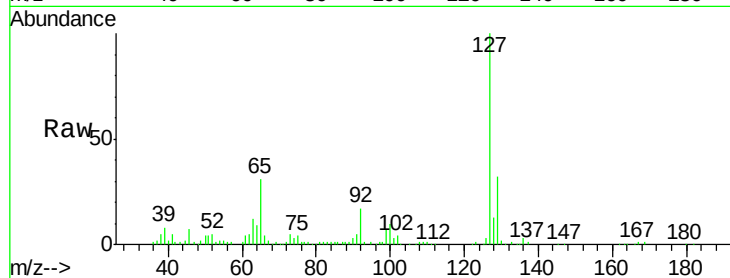
Ion Ratio Lower Upper

127 100

129 32.3 26.4 39.6

65 31.5 24.8 37.2

92 16.9 14.5 21.7



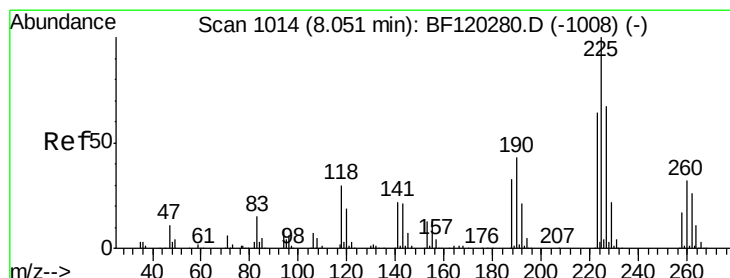
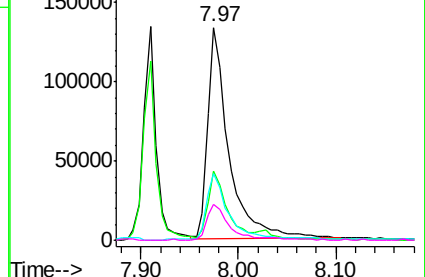
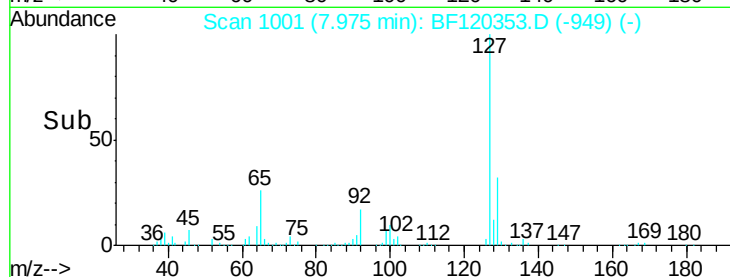
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Time-->



#34

Hexachlorobutadiene

Concen: 20.294 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

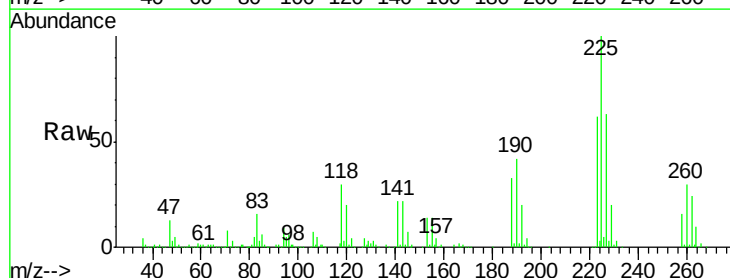
Tgt Ion:225 Resp: 168148

Ion Ratio Lower Upper

225 100

223 61.9 51.4 77.0

227 63.4 54.0 81.0

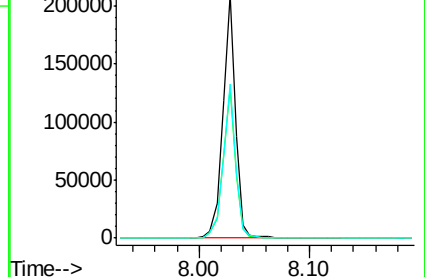
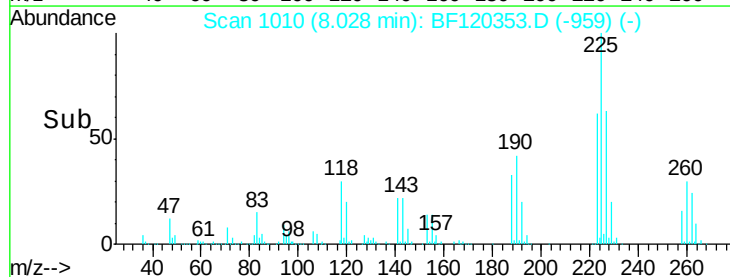


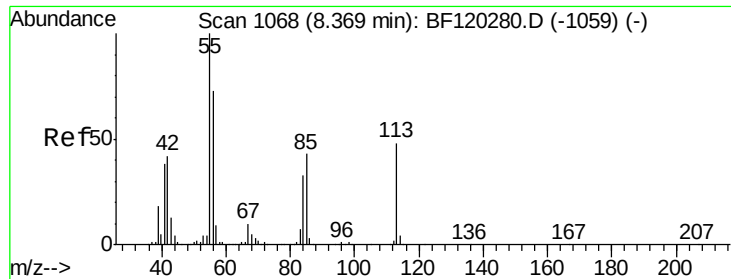
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

Time-->





#35

Caprolactam

Concen: 19.152 ng

RT: 8.33 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

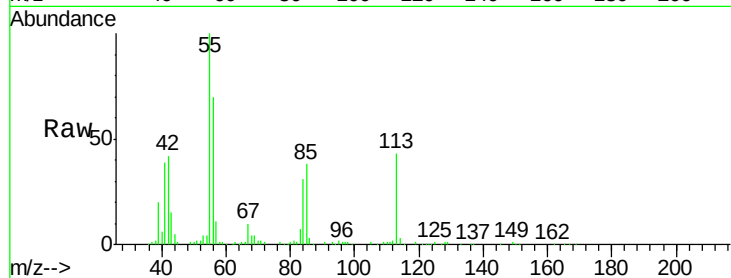
Tot Ion:113 Resp: 81052

Ion Ratio Lower Upper

113 100

55 231.3 190.4 230.4#

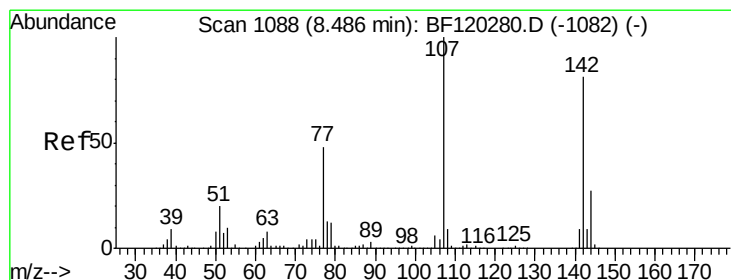
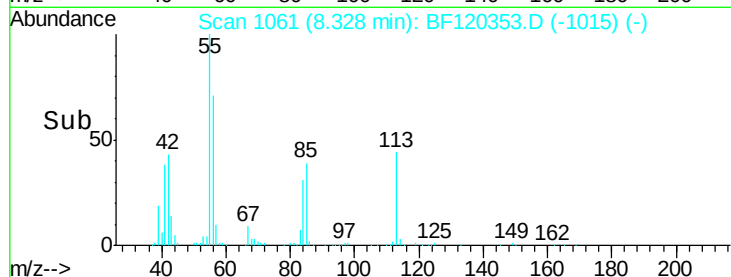
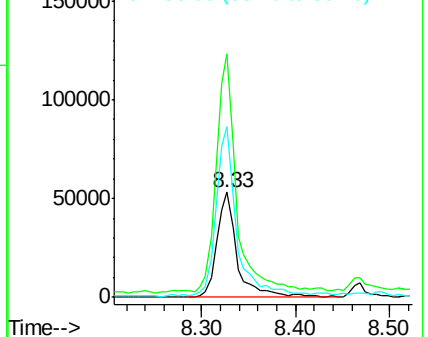
56 161.8 132.7 172.7



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: 19.176 ng

RT: 8.47 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

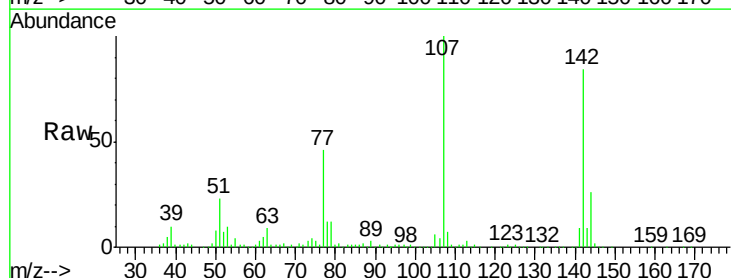
Tgt Ion:107 Resp: 268345

Ion Ratio Lower Upper

107 100

144 25.7 21.4 32.2

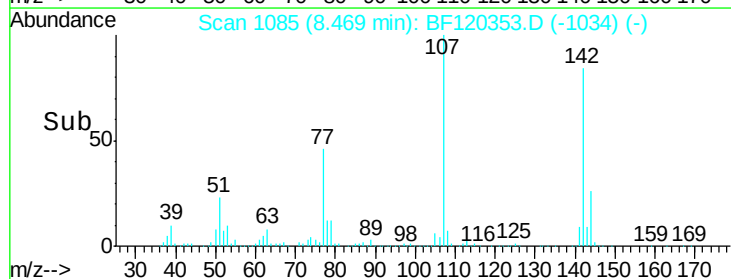
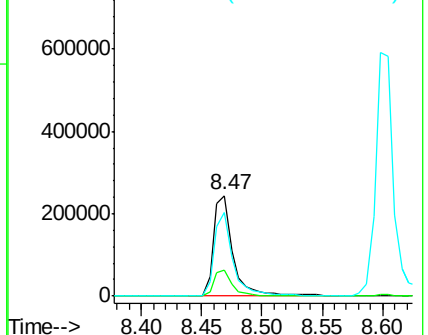
142 83.8 65.1 97.7

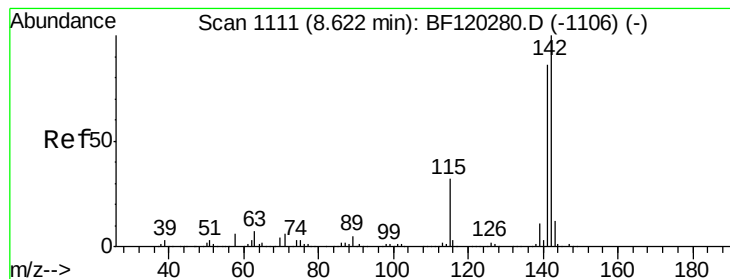


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 20.564 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

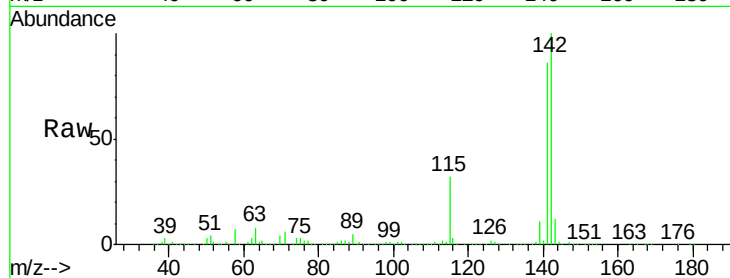
Tot Ion:142 Resp: 625533

Ion Ratio Lower Upper

142 100

141 85.8 68.8 103.2

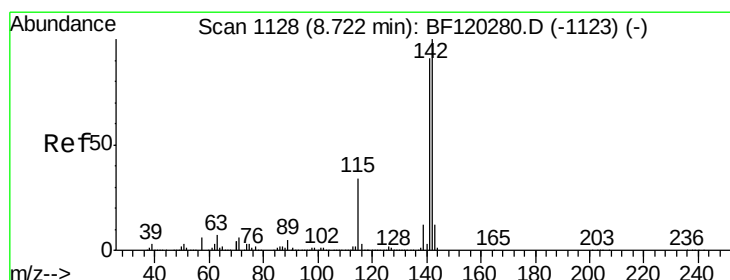
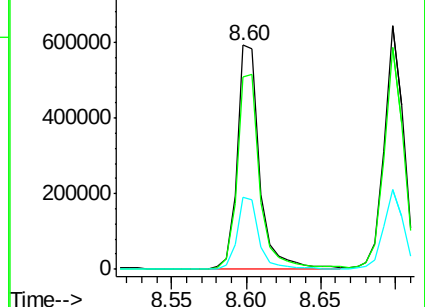
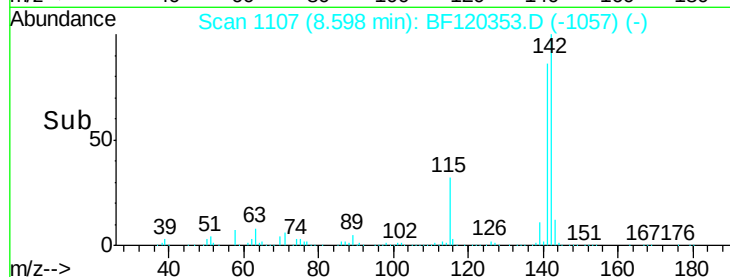
115 32.3 25.7 38.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 20.490 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

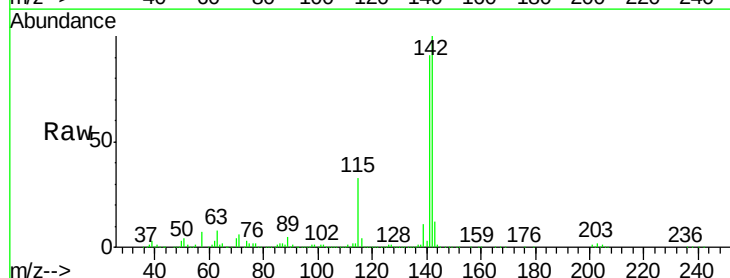
Tgt Ion:142 Resp: 604523

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.6

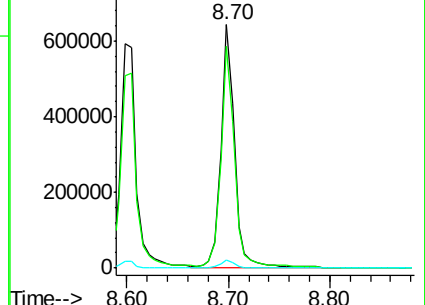
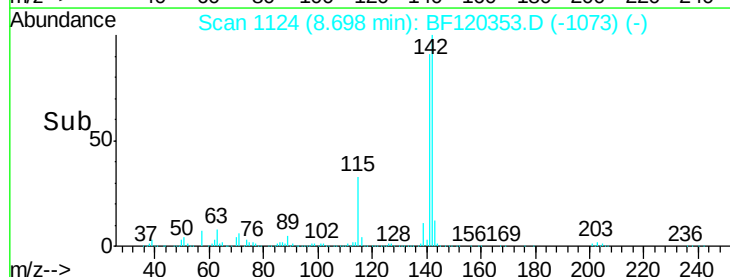
116 3.6 2.7 4.1

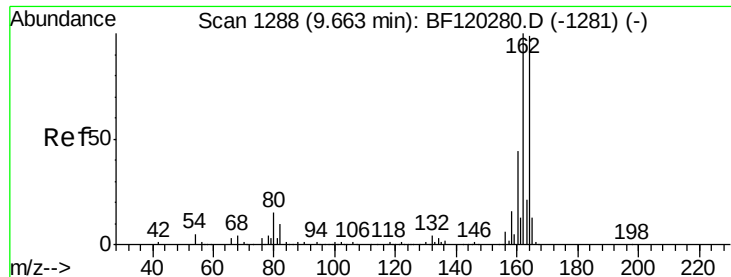


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

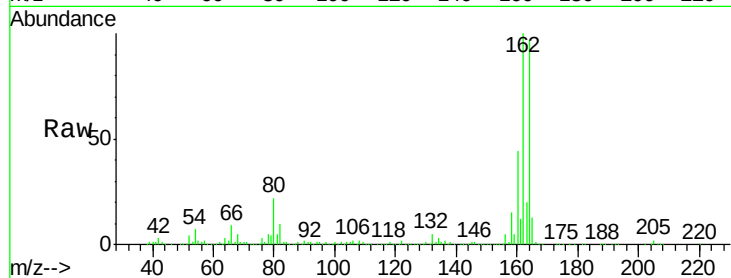
Tot Ion:164 Resp: 487444

Ion Ratio Lower Upper

164 100

162 103.3 81.2 121.8

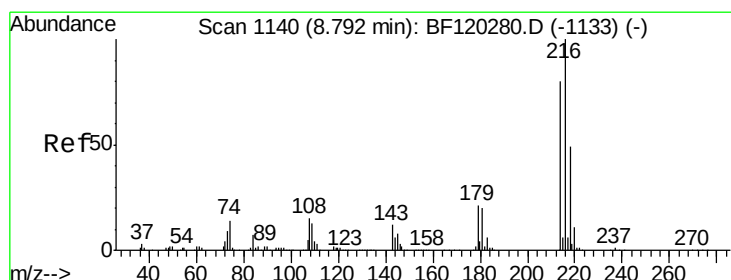
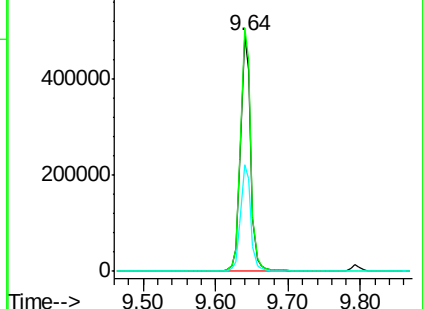
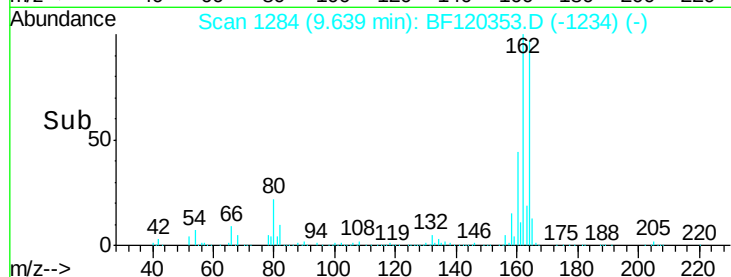
160 45.4 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 23.060 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:216 Resp: 283431

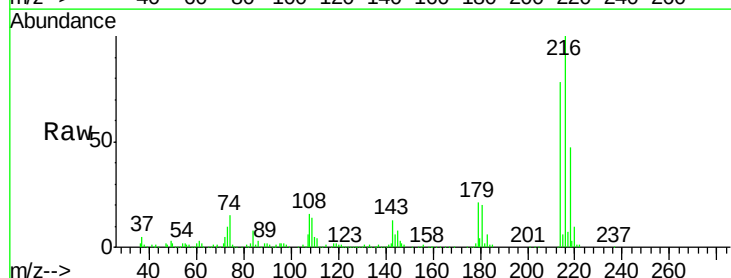
Ion Ratio Lower Upper

216 100

214 78.5 64.0 96.0

179 20.1 16.9 25.3

108 16.8 14.2 21.2

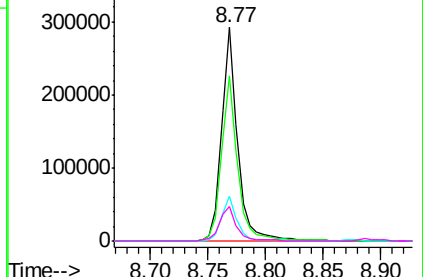
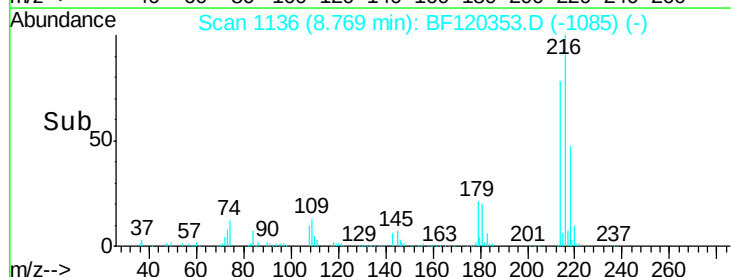


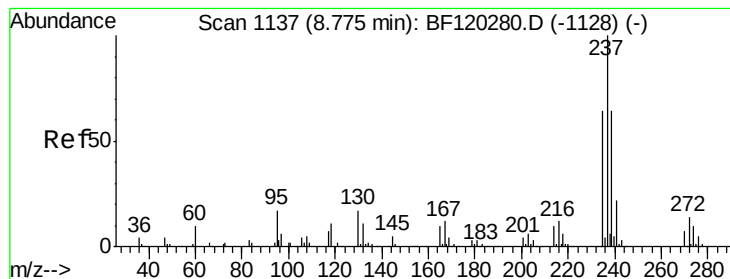
Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.069 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

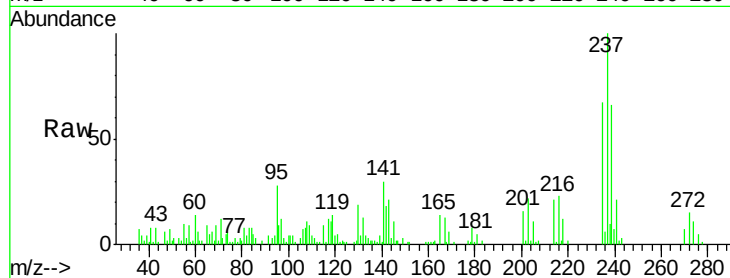
Tot Ion:237 Resp: 24555

Ion Ratio Lower Upper

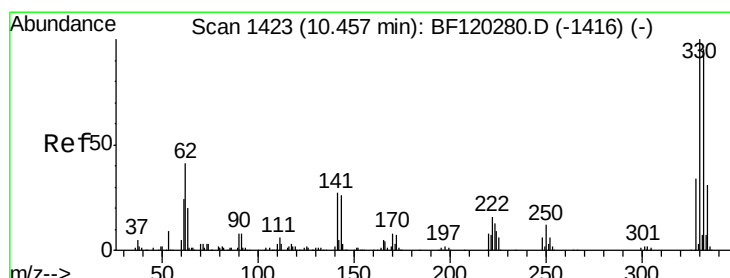
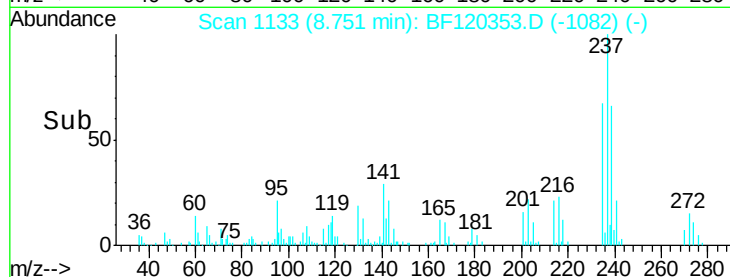
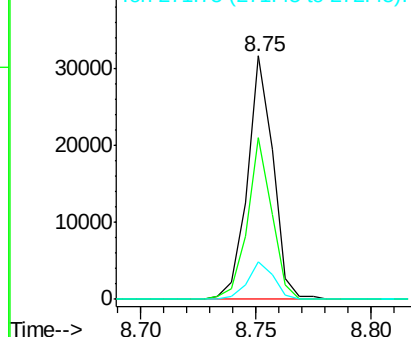
237 100

235 66.6 43.8 83.8

272 15.5 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: 63.065 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

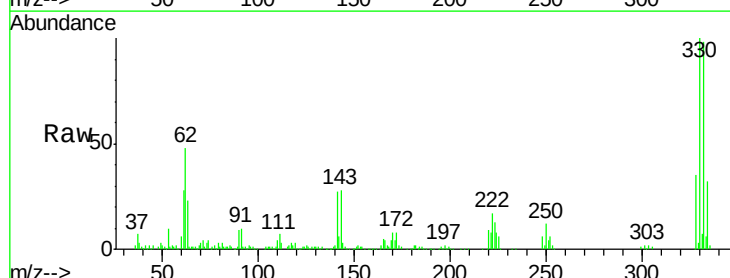
Tgt Ion:330 Resp: 250644

Ion Ratio Lower Upper

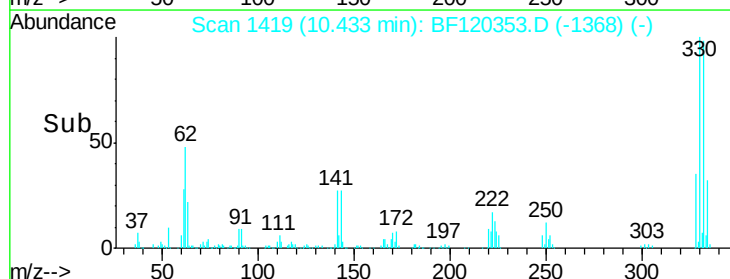
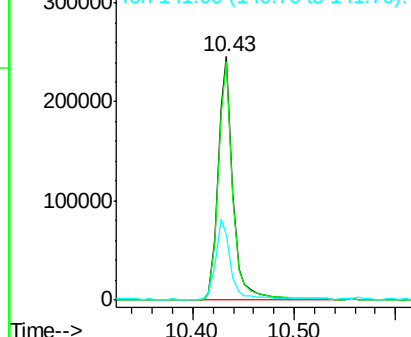
330 100

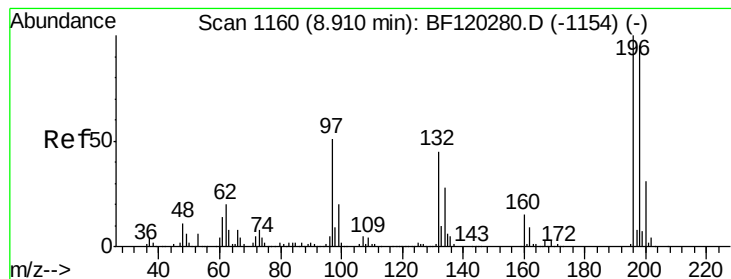
332 97.3 76.5 114.7

141 33.1 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: 21.542 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampled :

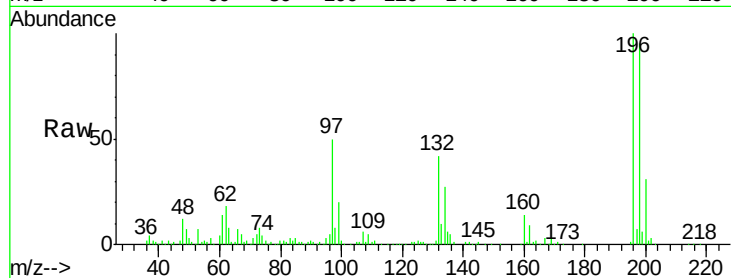
Tot Ion:196 Resp: 177728

Ion Ratio Lower Upper

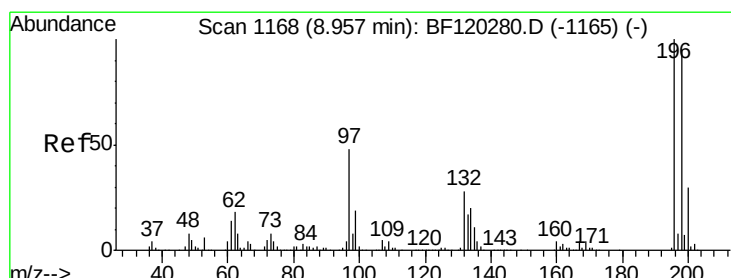
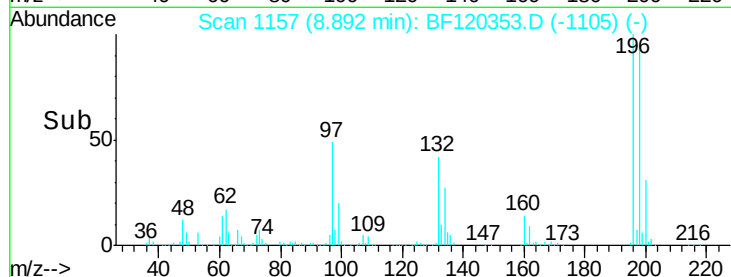
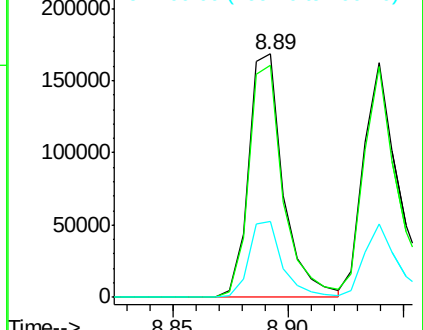
196 100

198 95.2 76.2 114.4

200 31.4 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: 19.438 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Tgt Ion:196 Resp: 184173

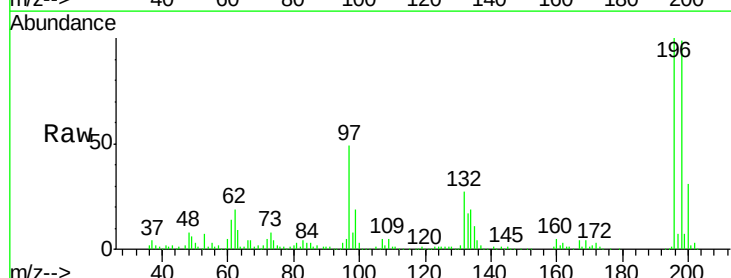
Ion Ratio Lower Upper

196 100

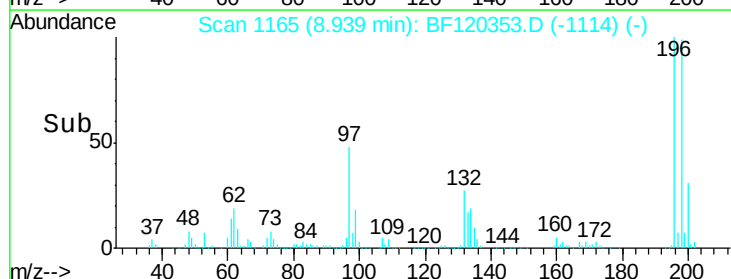
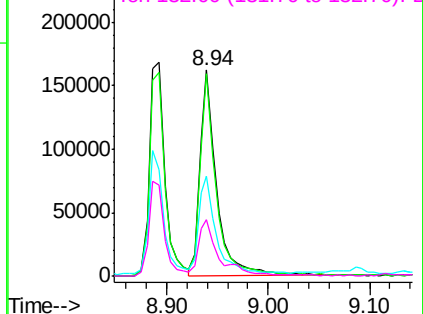
198 98.5 76.2 114.4

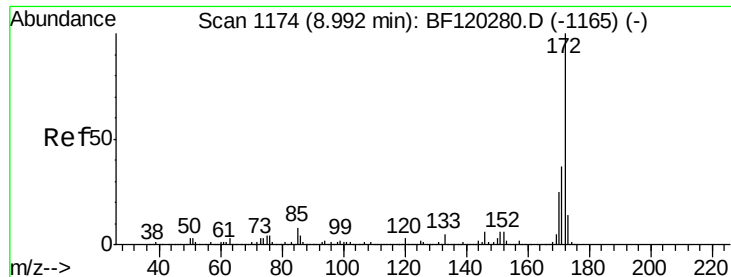
97 48.6 38.6 57.8

132 27.5 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



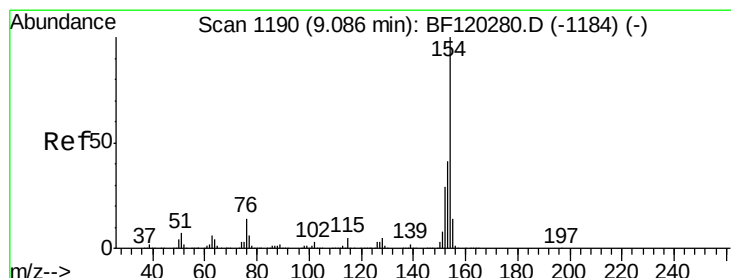
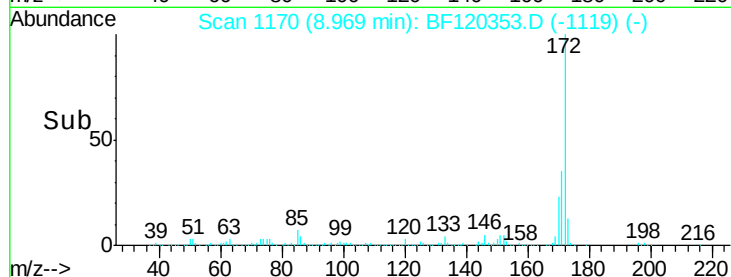
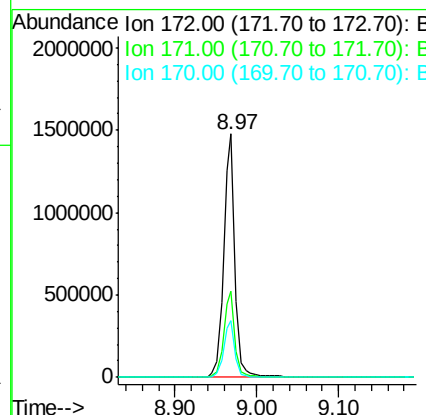
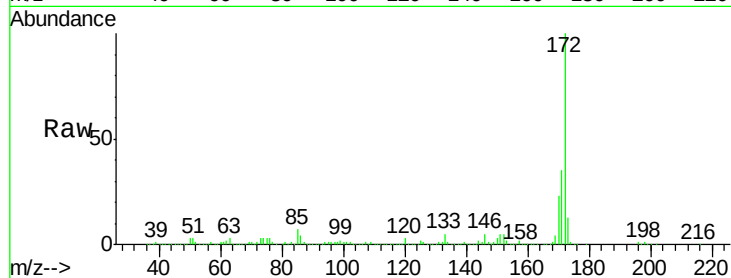


#45
 2-Fluorobiphenyl
 Concen: 60.049 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1424735

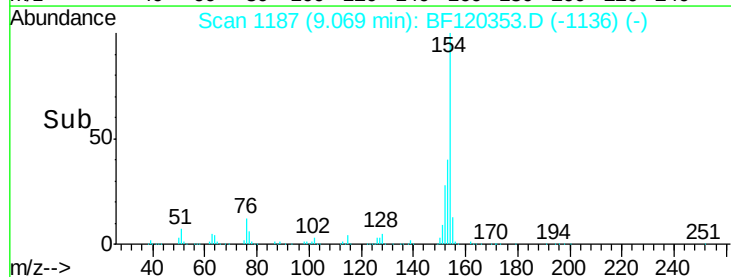
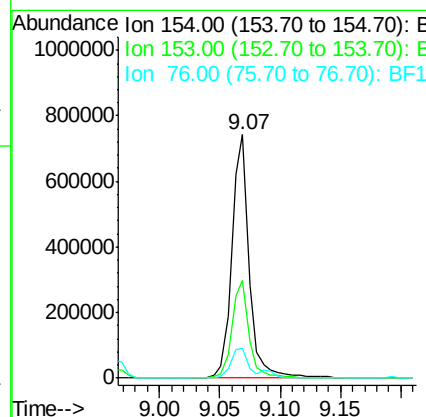
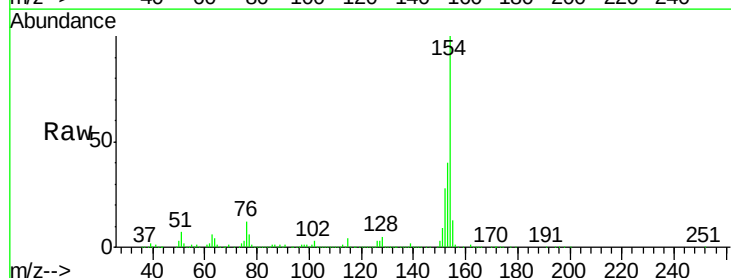
Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.5	19.9	29.9

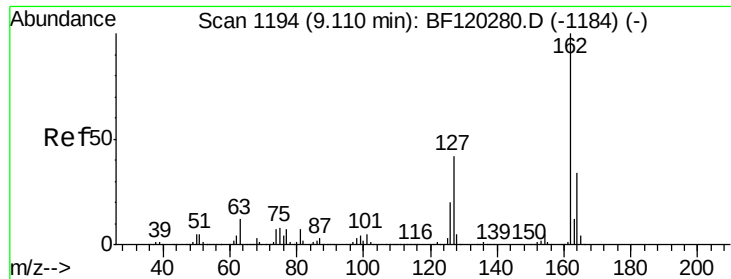


#46
 1,1'-Biphenyl
 Concen: 23.158 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion:154 Resp: 739631

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	12.4	0.0	34.3

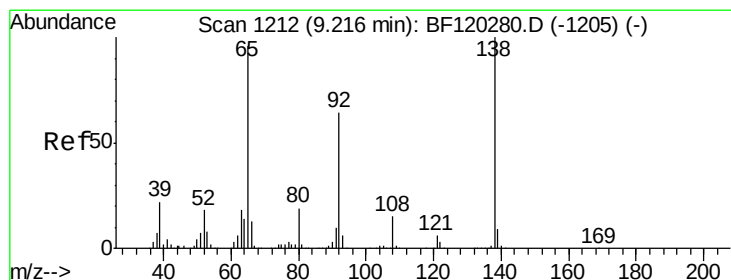
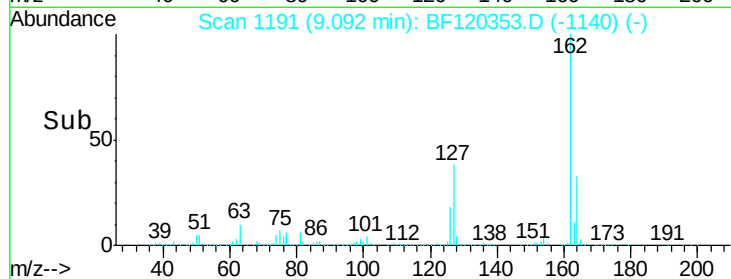
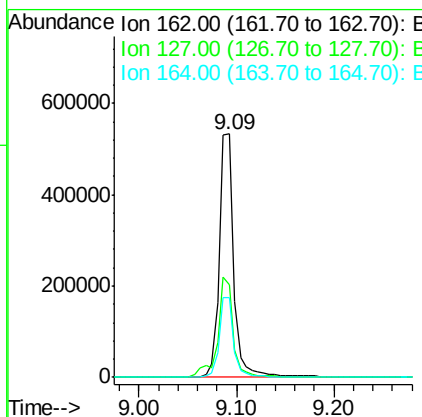
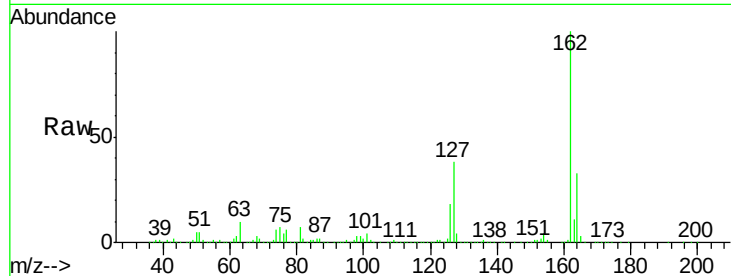




#47
 2-Chloronaphthalene
 Concen: 21.650 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

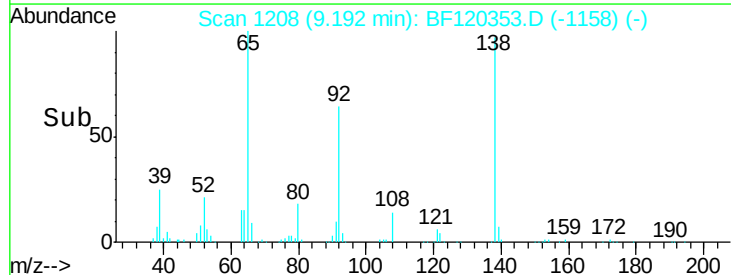
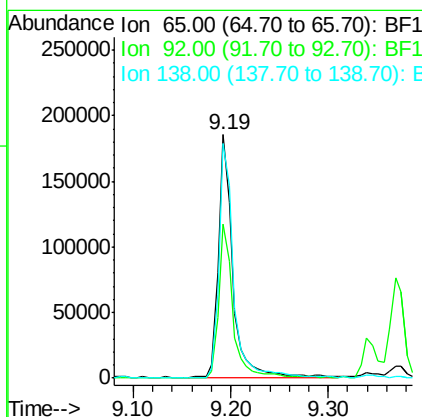
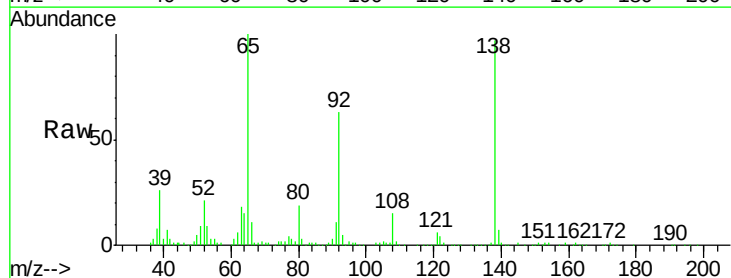
Instrument :
 BNA_F
 ClientSampleId :

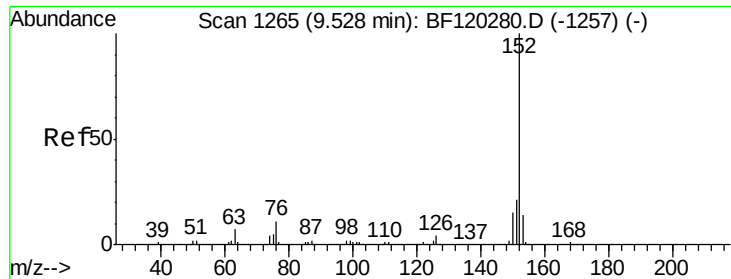
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	33.4	50.0
164	32.8	27.0	40.6



#48
 2-Nitroaniline
 Concen: 20.297 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	52.9	79.3
138	96.5	83.0	124.4





#49

Acenaphthylene

Concen: 23.977 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

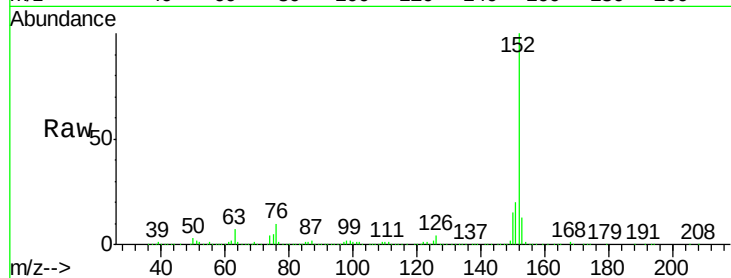
Tot Ion:152 Resp: 938310

Ion Ratio Lower Upper

152 100

151 19.9 16.6 25.0

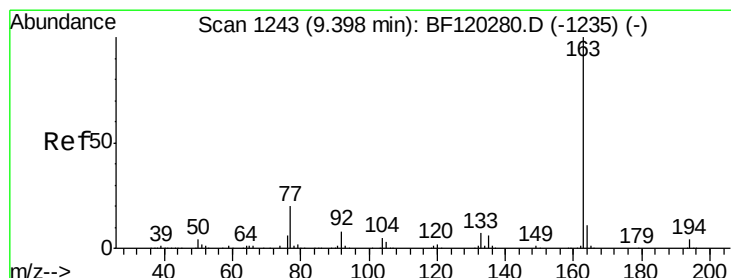
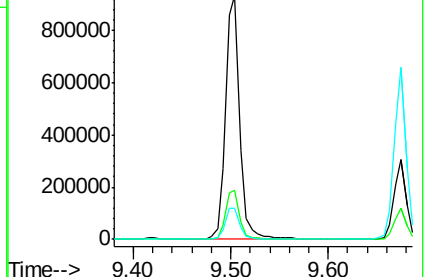
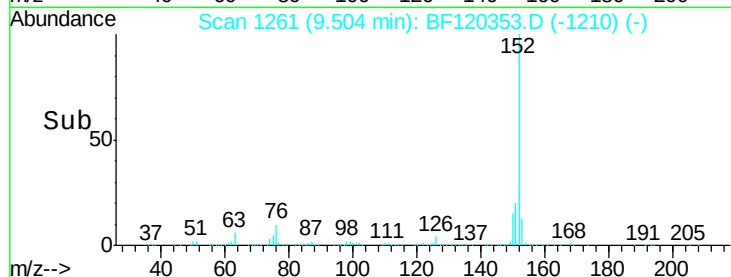
153 12.9 11.1 16.7



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: 27.516 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

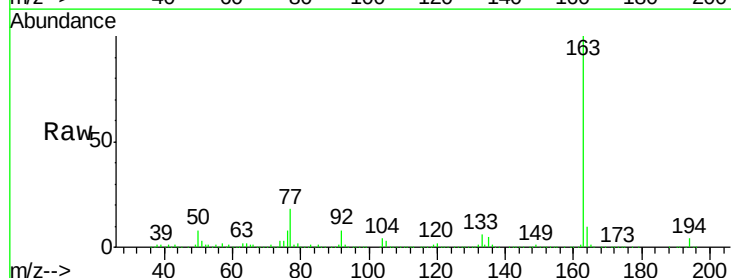
Tgt Ion:163 Resp: 847870

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

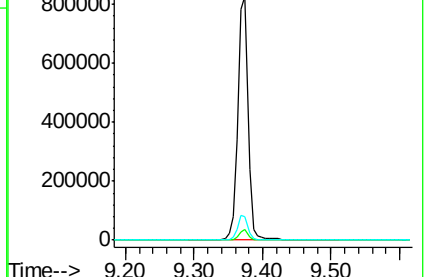
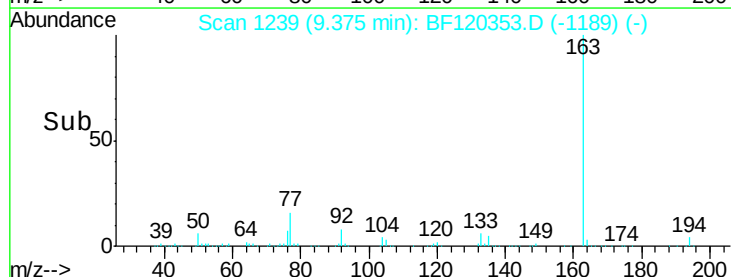
164 9.5 8.6 12.8

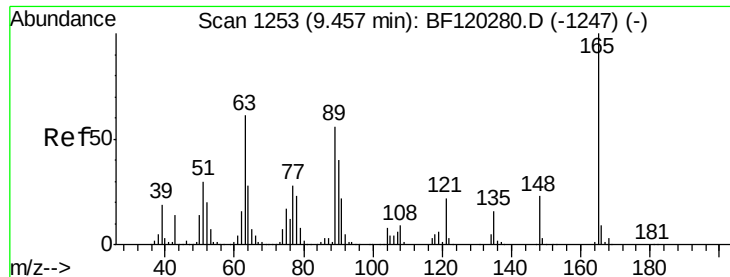


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

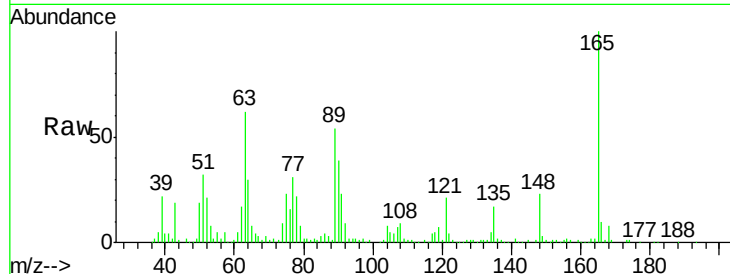




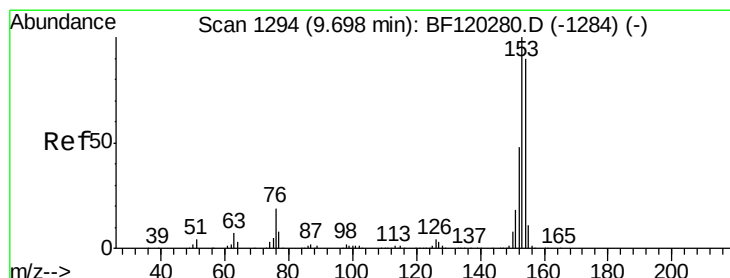
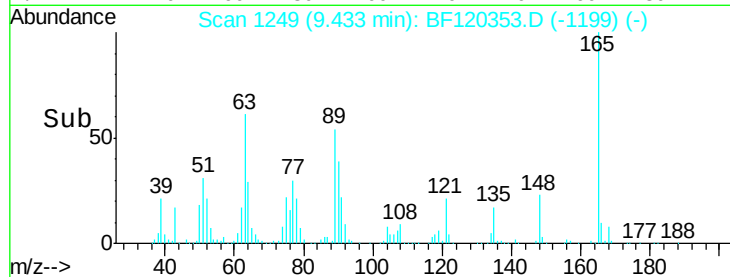
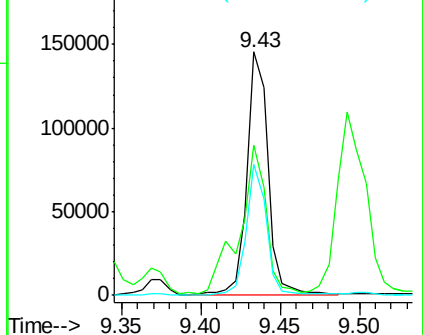
#51
 2,6-Dinitrotoluene
 Concen: 19.287 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.9	50.2	75.2
89	53.6	44.6	66.8

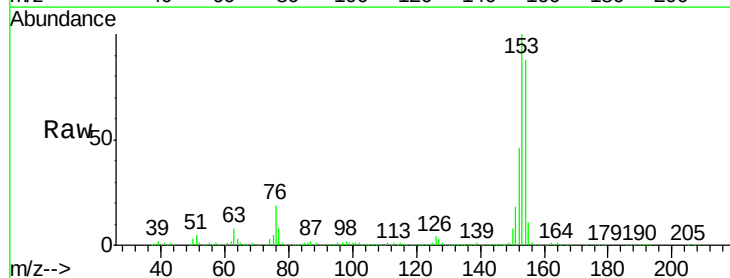


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

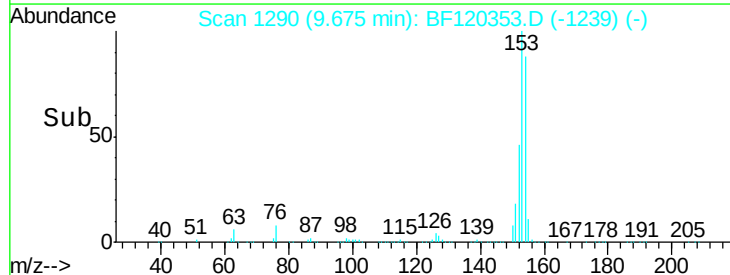
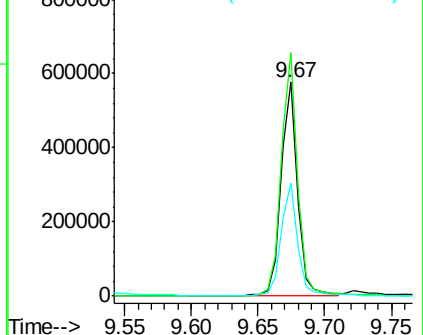


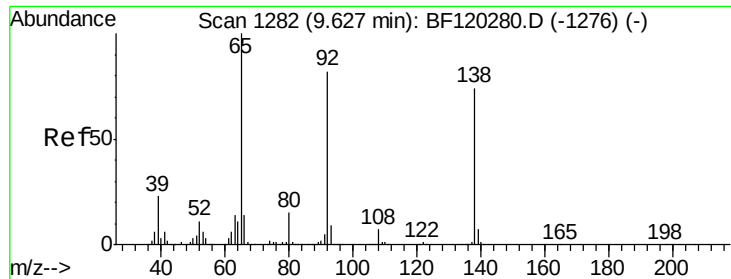
#52
 Acenaphthene
 Concen: 21.624 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.0	133.4
152	52.9	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

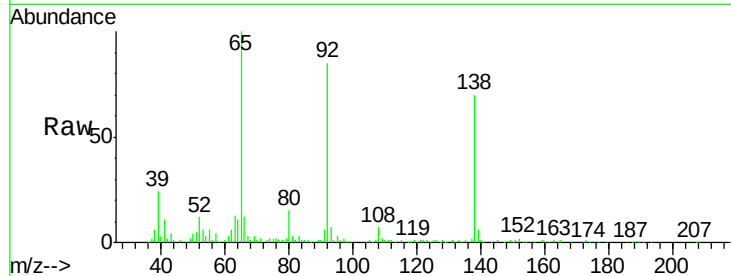




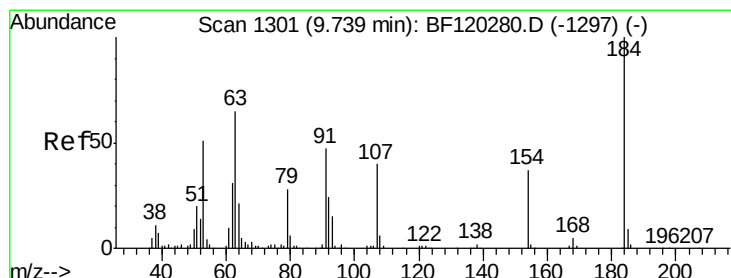
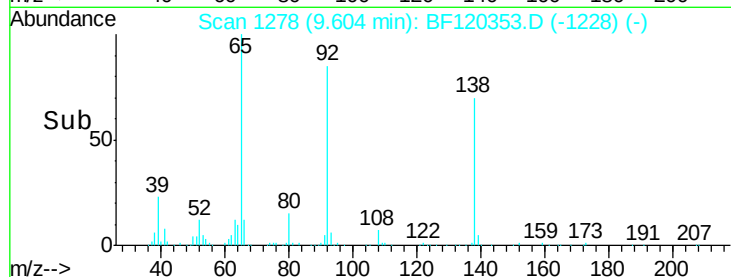
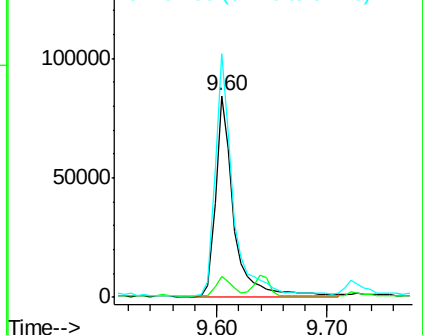
#53
 3-Nitroaniline
 Concen: 11.551 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 94736
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.2 12.2
 92 120.8 89.6 134.4

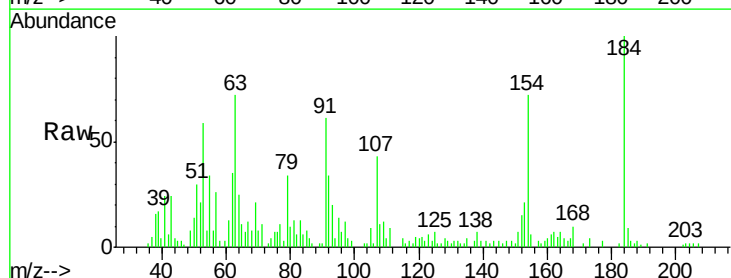


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

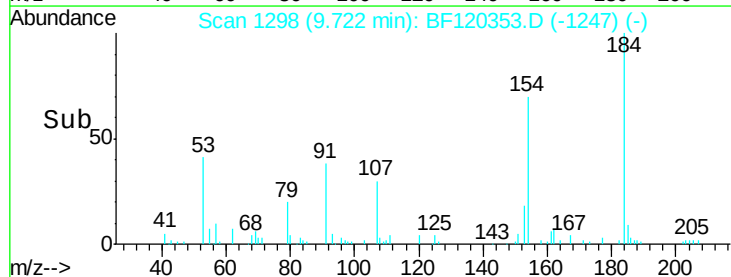
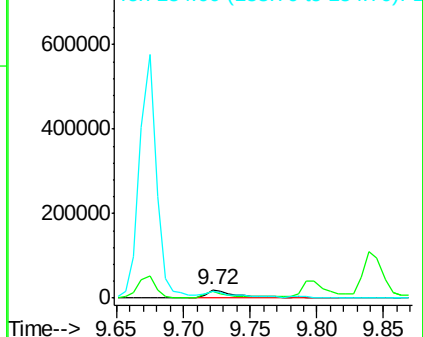


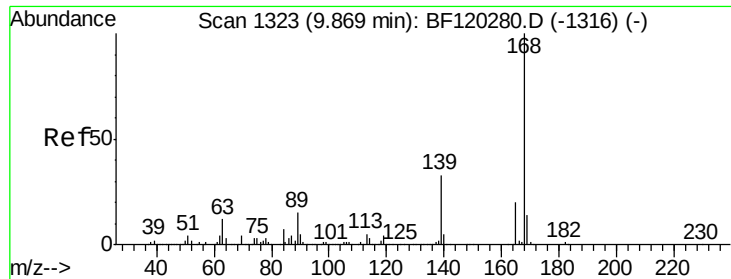
#54
 2,4-Dinitrophenol
 Concen: 10.599 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion:184 Resp: 34406
 Ion Ratio Lower Upper
 184 100
 63 72.1 53.6 80.4
 154 72.5 46.8 70.2#



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





#55

Dibenzofuran

Concen: 22.051 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampled :

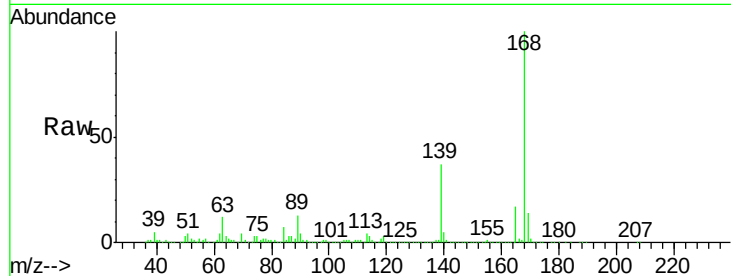
Tot Ion:168 Resp: 744870

Ion Ratio Lower Upper

168 100

139 36.9 29.8 44.6

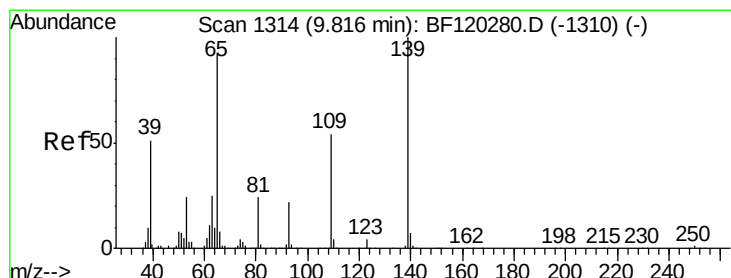
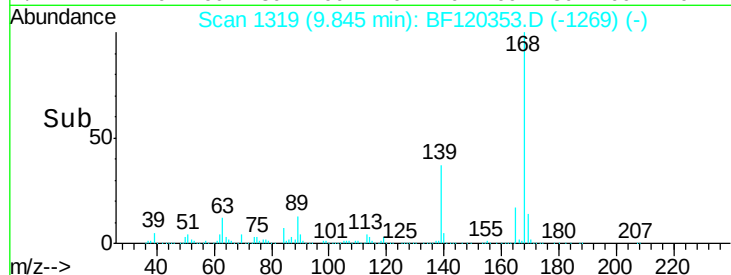
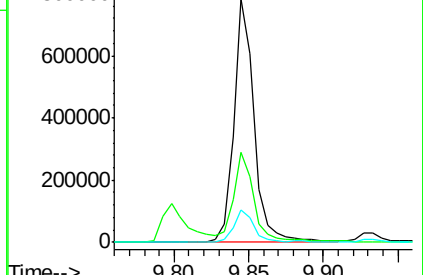
169 13.6 11.0 16.6



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: 34.075 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

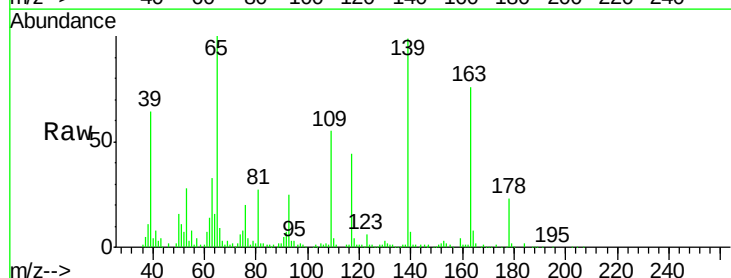
Tgt Ion:139 Resp: 150157

Ion Ratio Lower Upper

139 100

109 56.1 34.6 74.6

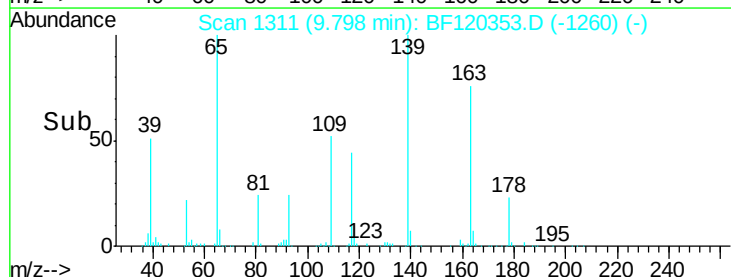
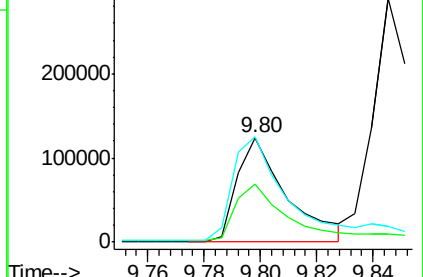
65 101.1 73.3 113.3

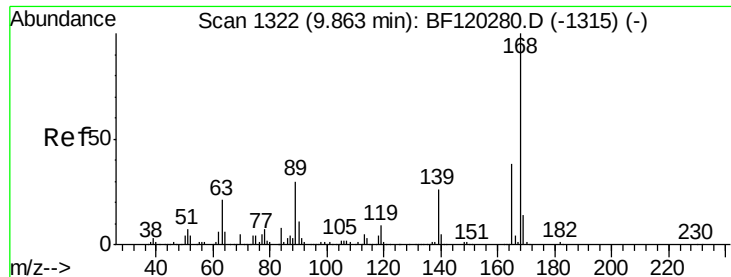


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 19.698 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 158910

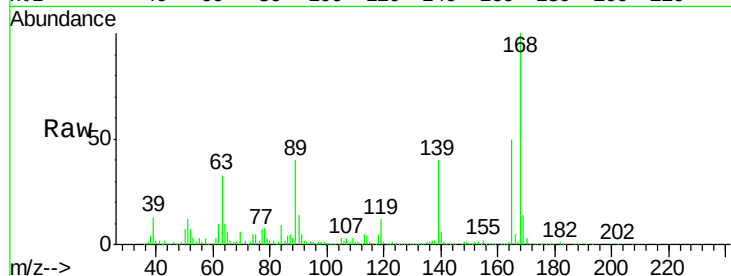
Ion Ratio Lower Upper

165 100

63 65.0 51.8 77.8

89 80.3 64.2 96.4

182 2.7 2.0 3.0

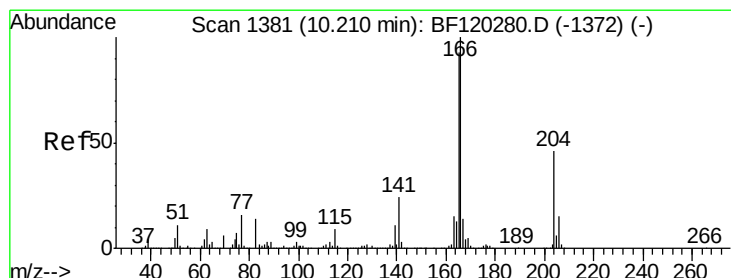
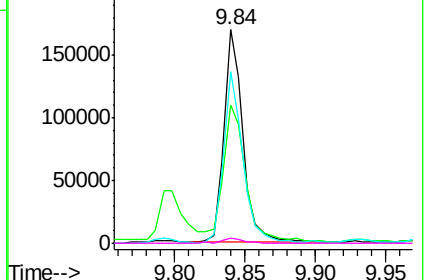
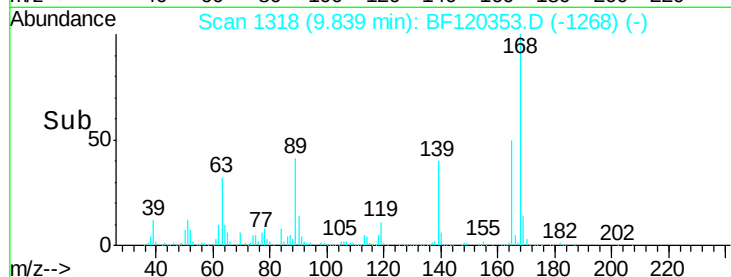


Abundance Ion 165.00 (164.70 to 165.70): E

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: 22.893 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

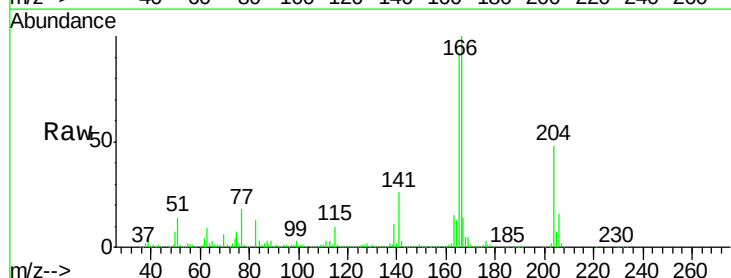
Tgt Ion:166 Resp: 588930

Ion Ratio Lower Upper

166 100

165 91.9 74.7 112.1

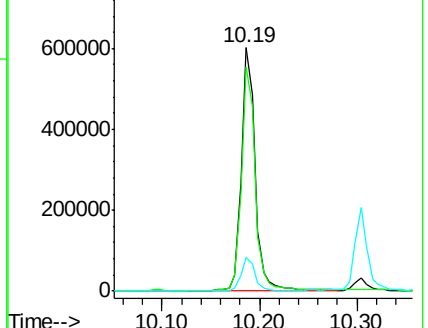
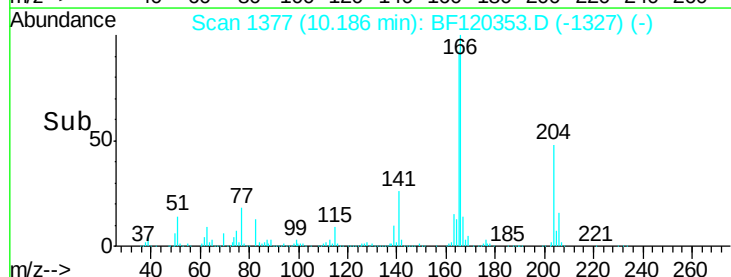
167 13.9 11.4 17.0

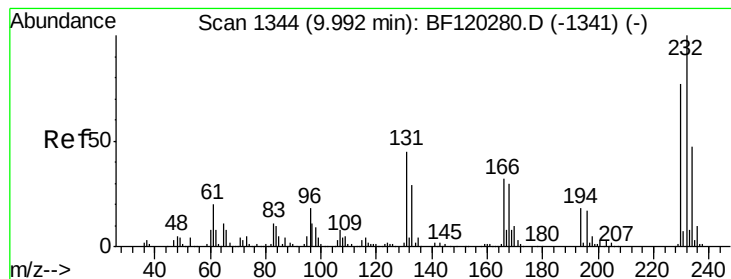


Abundance Ion 166.00 (165.70 to 166.70): E

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: 19.819 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 141319

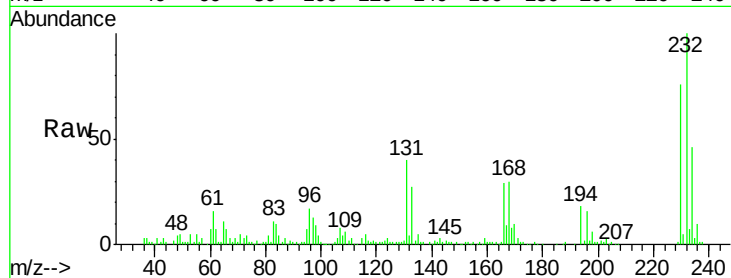
Ion Ratio Lower Upper

232 100

131 44.0 34.1 51.1

130 2.4 1.7 2.5

166 29.3 23.3 34.9

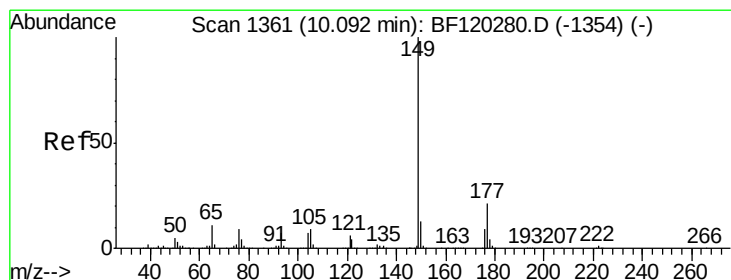
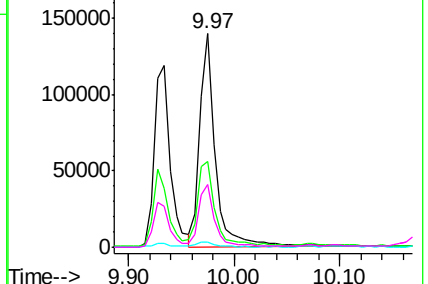
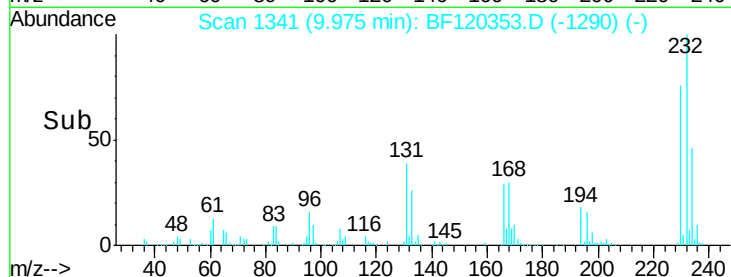


Abundance Ion 232.00 (231.70 to 232.70): E

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: 21.646 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

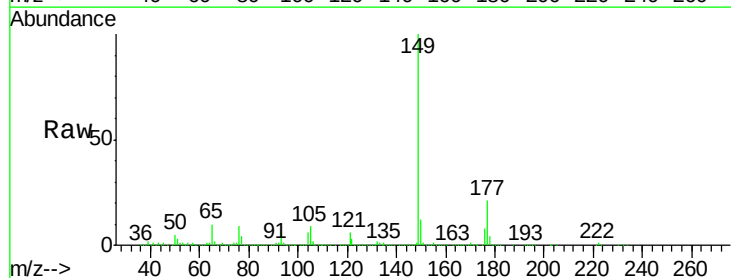
Tgt Ion:149 Resp: 643923

Ion Ratio Lower Upper

149 100

177 20.7 17.1 25.7

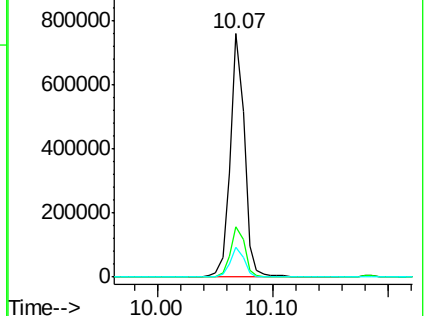
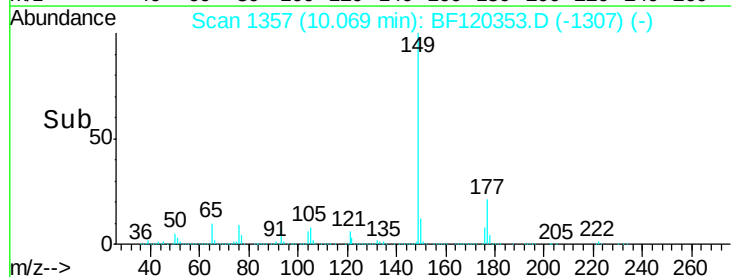
150 12.4 10.3 15.5

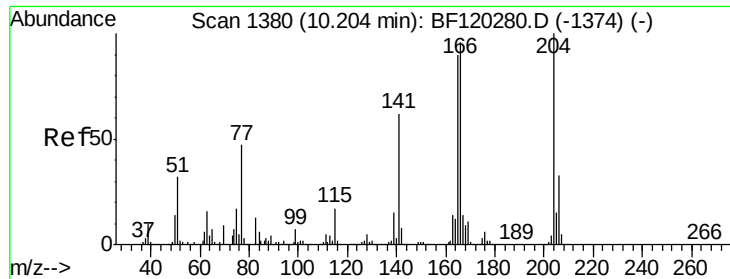


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

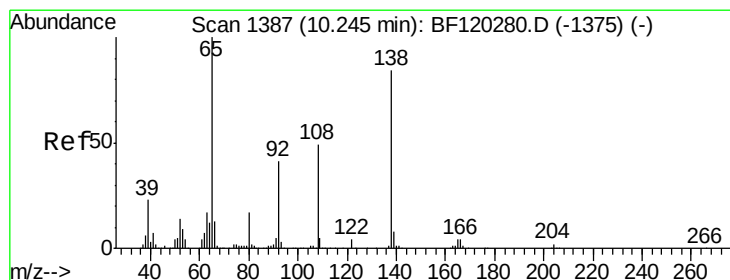
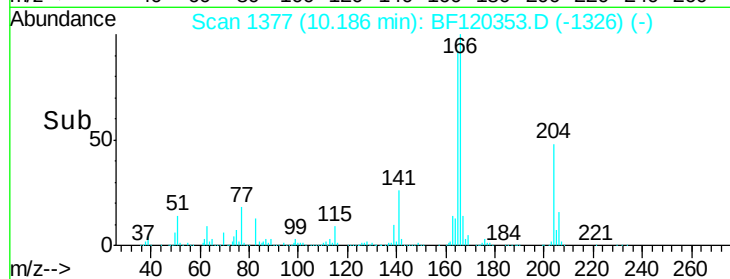
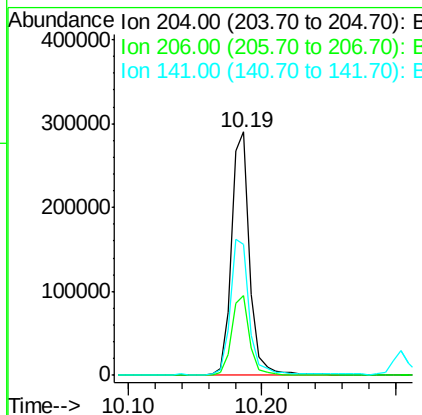
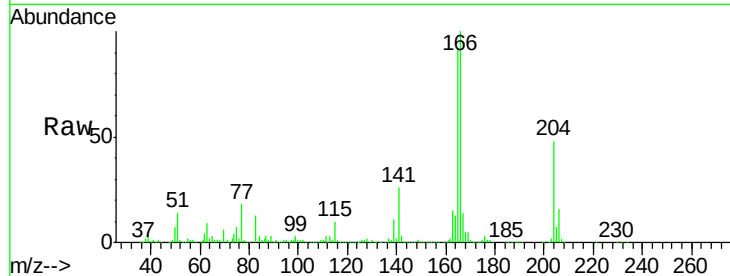




#61
4-Chlorophenyl-phenylether
Concen: 20.962 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

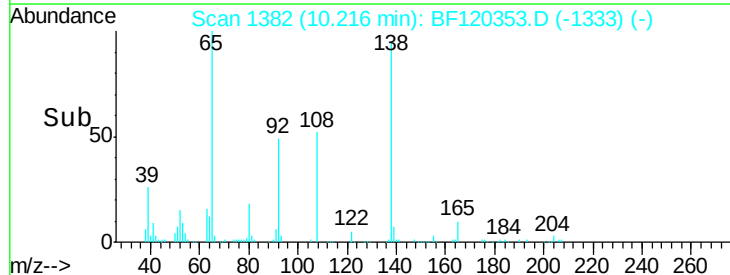
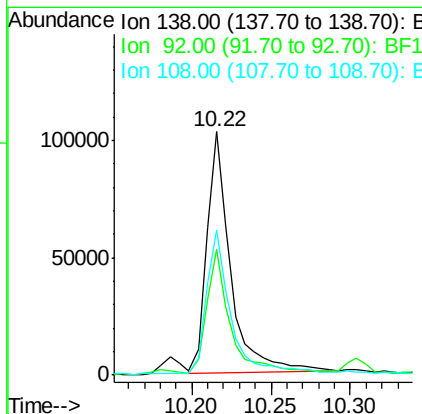
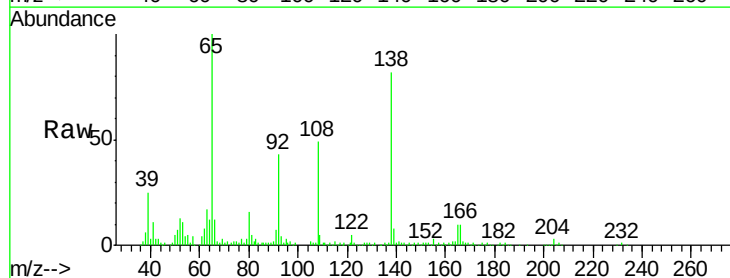
Instrument :
BNA_F
ClientSampled :

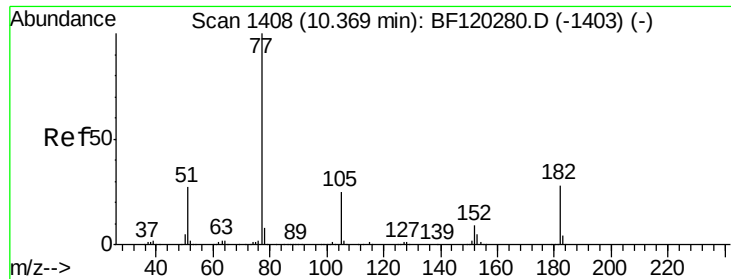
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.8	40.2
141	53.8	49.5	74.3



#62
4-Nitroaniline
Concen: 14.176 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	28.9	68.9
108	59.7	38.4	78.4

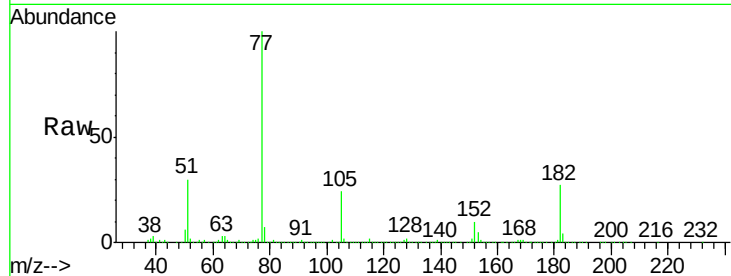




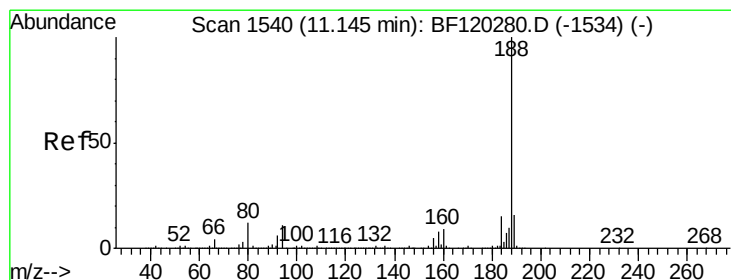
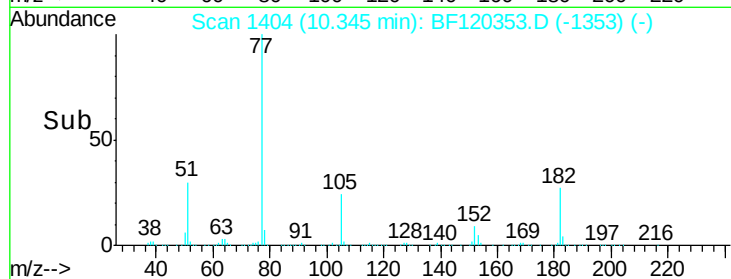
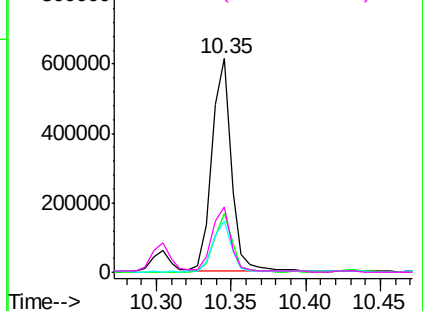
#63
Azobenzene
Concen: 19.688 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	553528
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.4	47.4
105	23.8	4.4	44.4
51	30.3	8.3	48.3

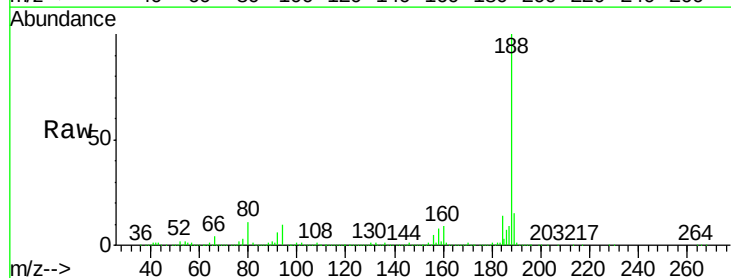


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

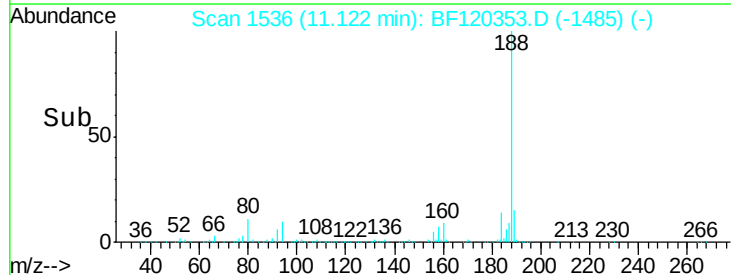
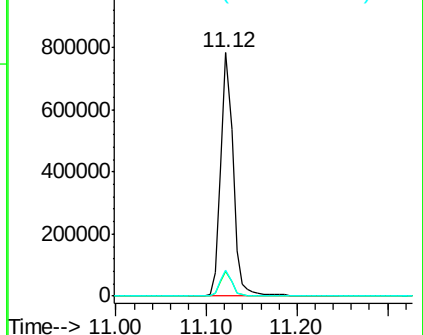


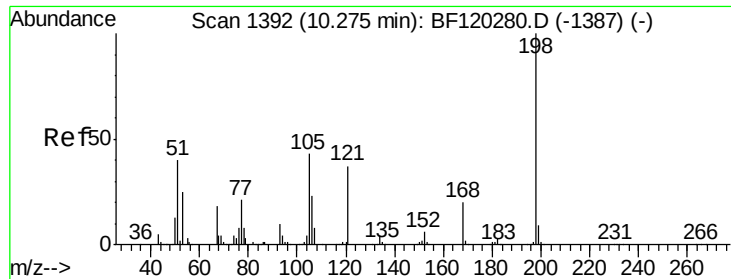
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion:	188	Resp:	738213
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	13.0
80	10.6	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: 10.418 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

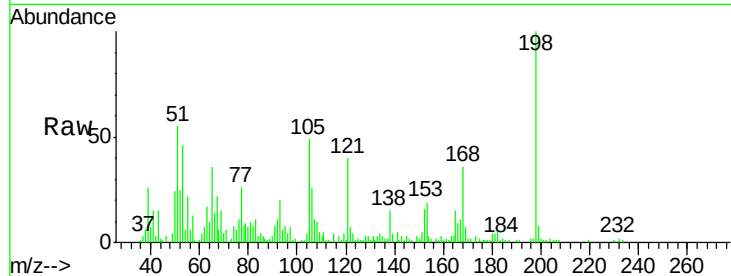
Tot Ion:198 Resp: 38893

Ion Ratio Lower Upper

198 100

51 55.2 27.1 67.1

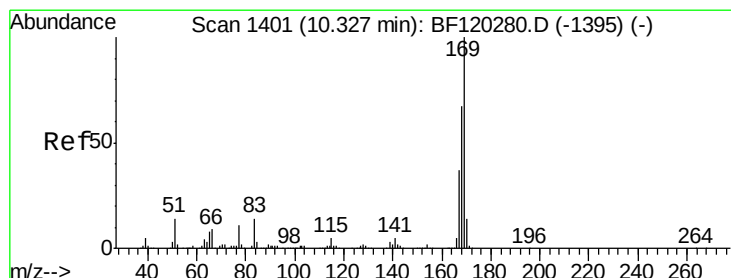
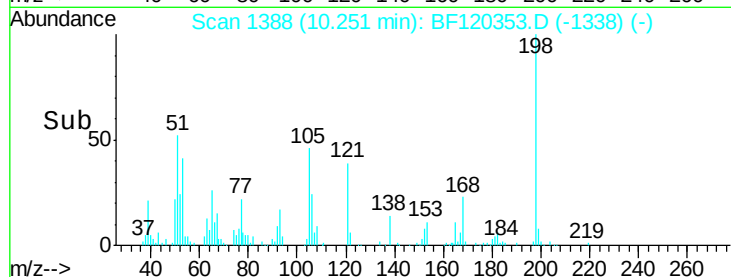
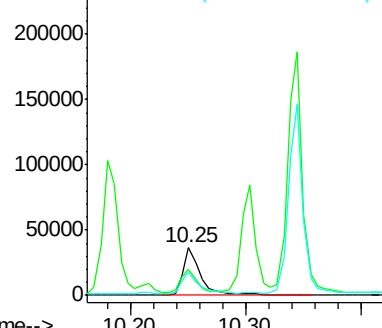
105 48.5 24.3 64.3



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: 24.798 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

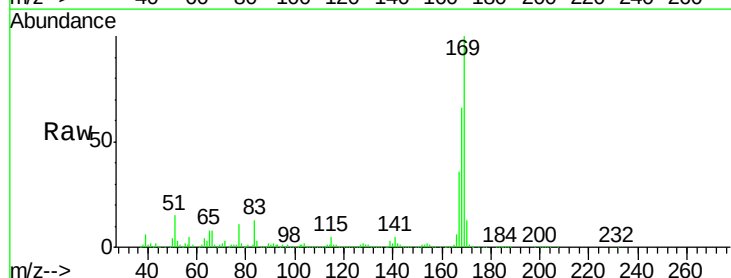
Tgt Ion:169 Resp: 506452

Ion Ratio Lower Upper

169 100

168 66.1 53.7 80.5

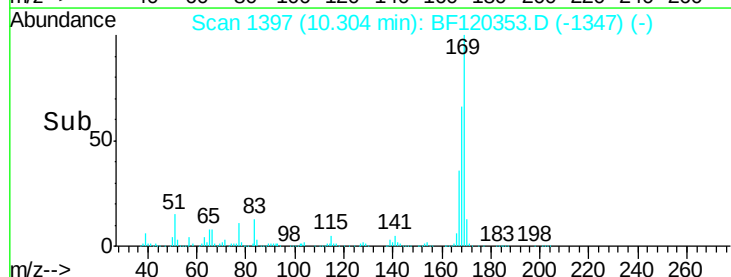
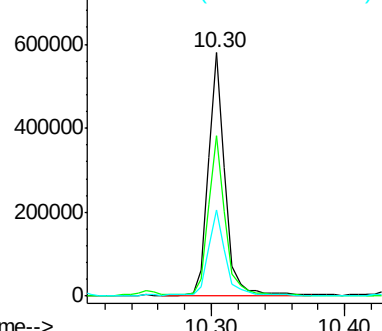
167 35.6 29.8 44.6

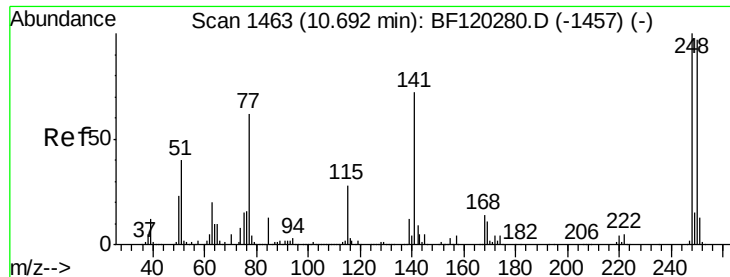


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

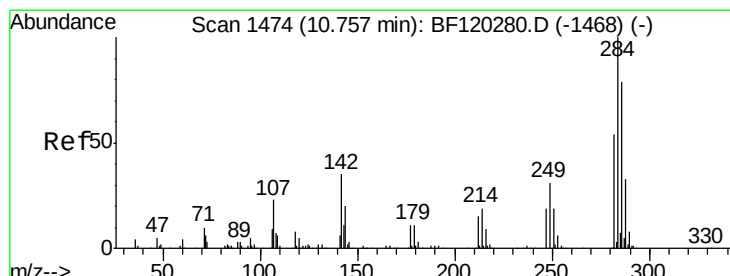
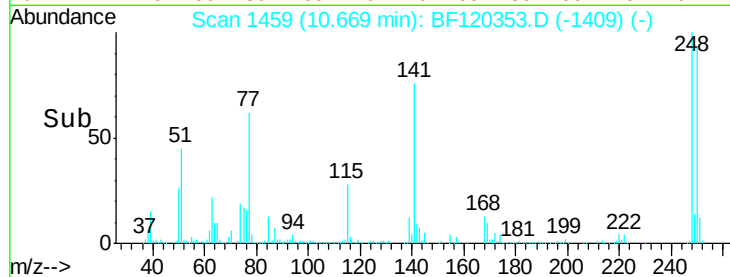
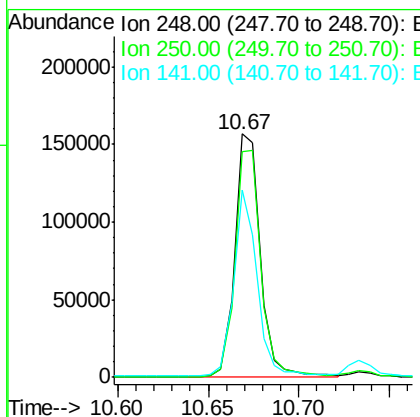
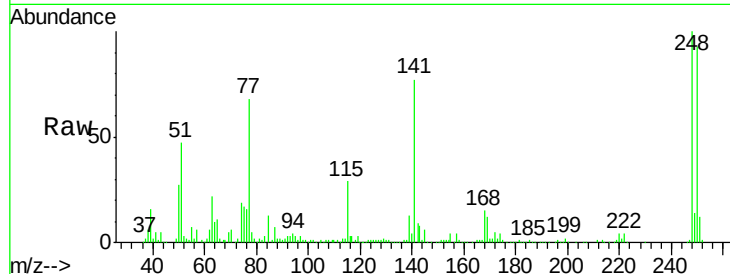




#67
4-Bromophenyl-phenylether
Concen: 21.491 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

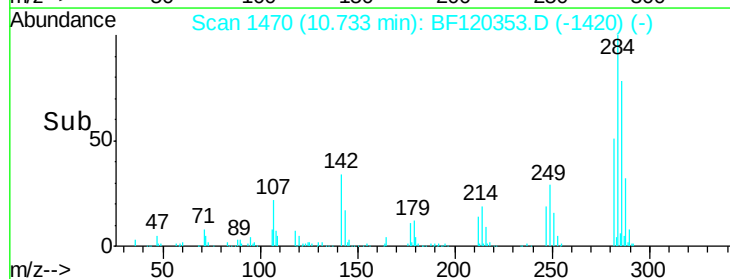
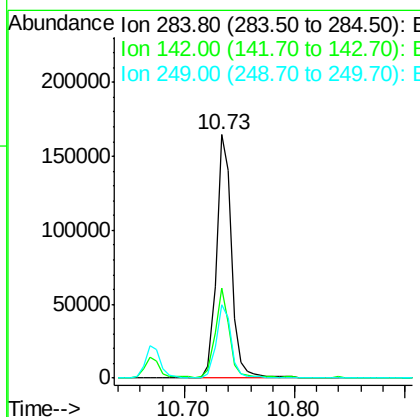
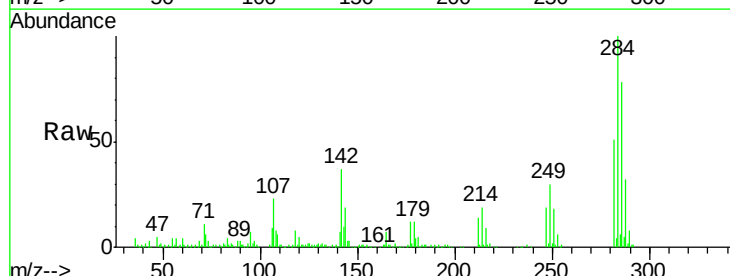
Instrument :
BNA_F
ClientSampleId :

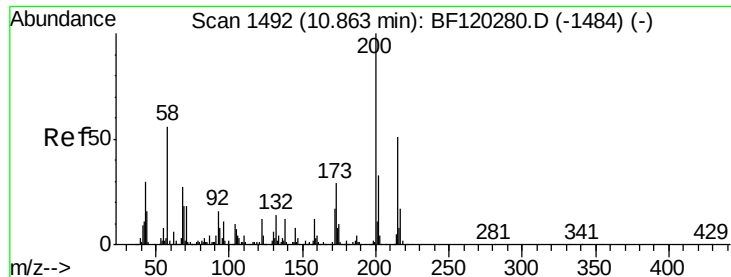
Tot Ion:248 Resp: 153951
Ion Ratio Lower Upper
248 100
250 92.8 77.8 116.6
141 76.9 57.7 86.5



#68
Hexachlorobenzene
Concen: 20.860 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF120353.D
Acq: 18 May 2020 20:28

Tgt Ion:284 Resp: 156325
Ion Ratio Lower Upper
284 100
142 37.1 28.5 42.7
249 30.4 24.8 37.2





#69

Atrazine

Concen: 21.285 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

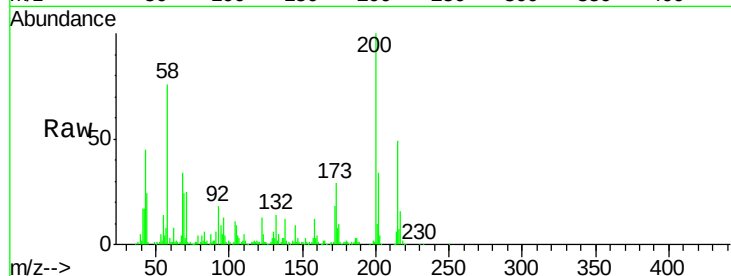
Tot Ion:200 Resp: 130075

Ion Ratio Lower Upper

200 100

173 28.6 8.7 48.7

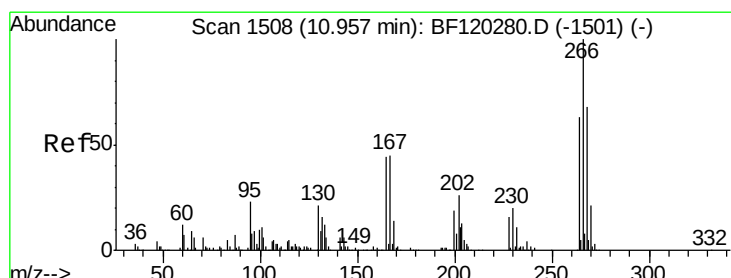
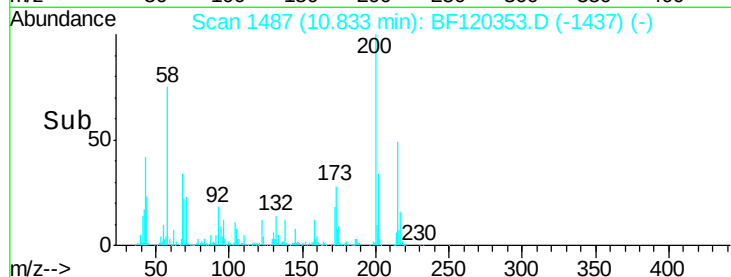
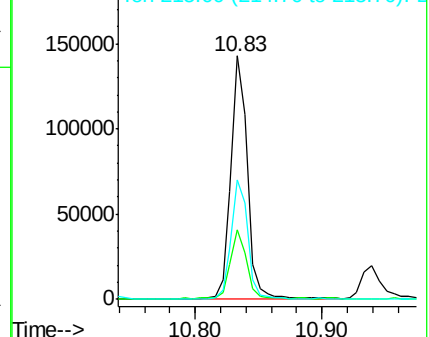
215 49.1 30.6 70.6



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: 40.034 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

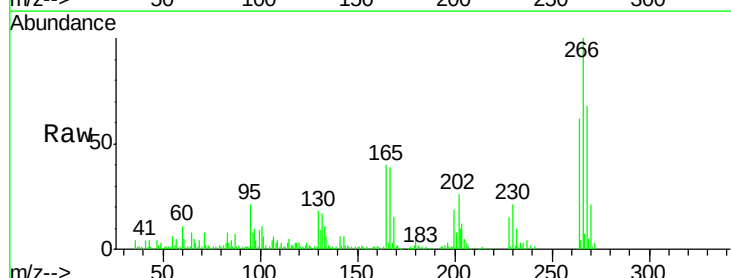
Tgt Ion:266 Resp: 127603

Ion Ratio Lower Upper

266 100

268 67.6 54.2 81.4

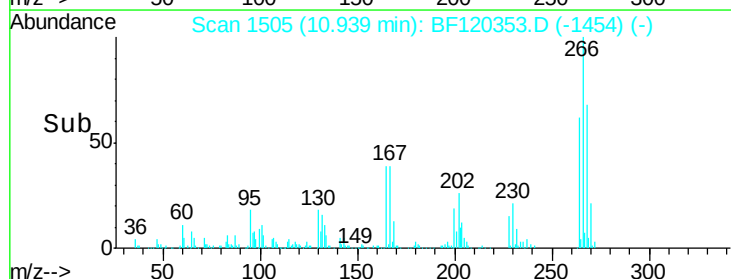
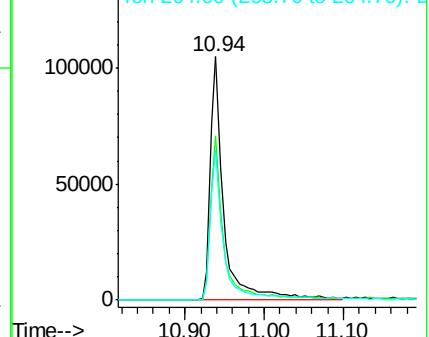
264 61.9 50.2 75.4

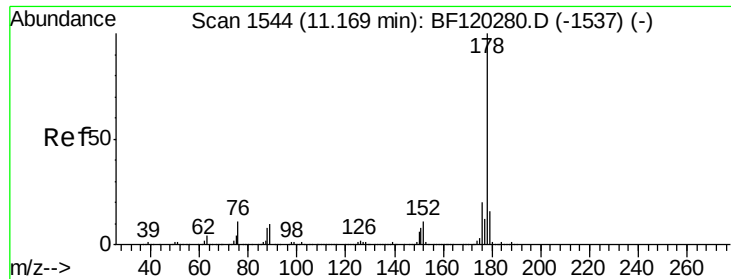


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

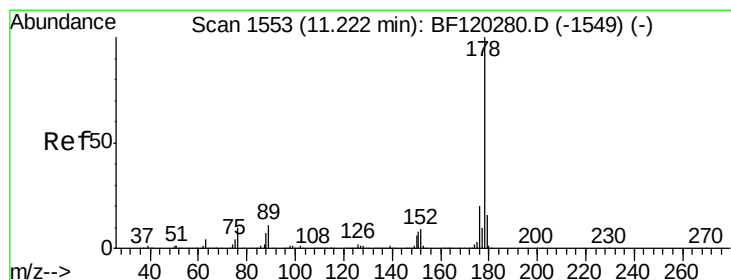
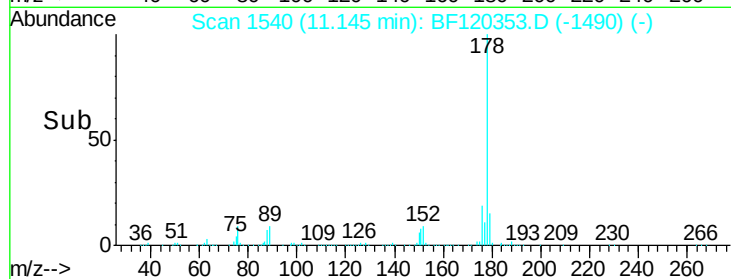
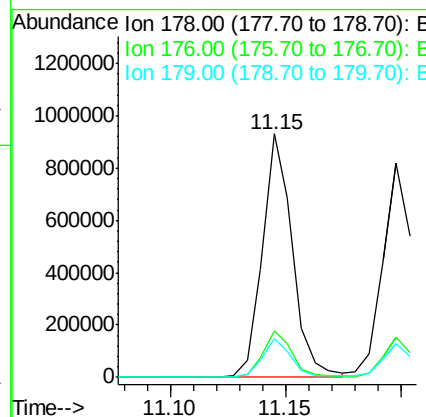
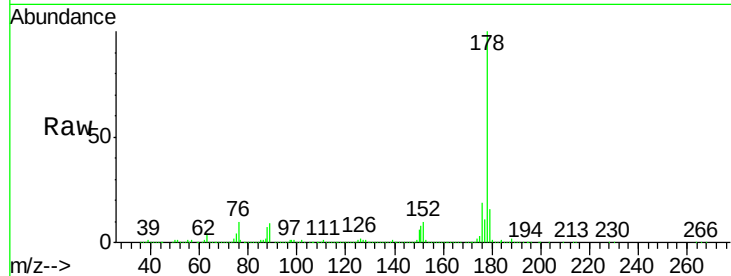




#71
 Phenanthrene
 Concen: 27.213 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

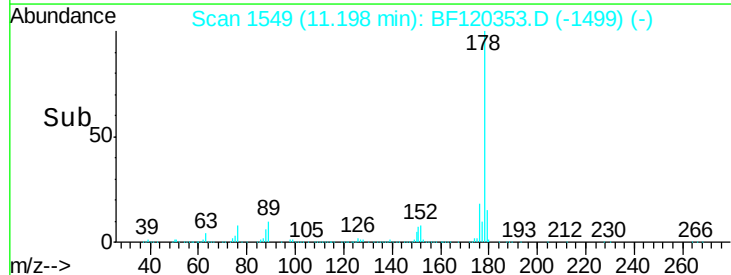
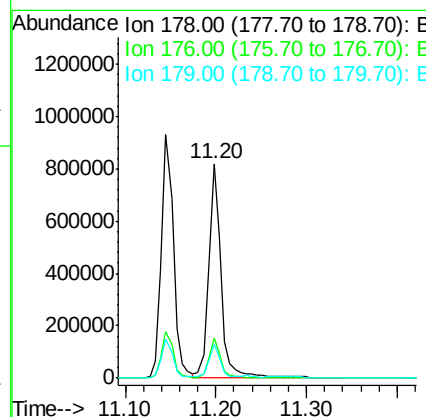
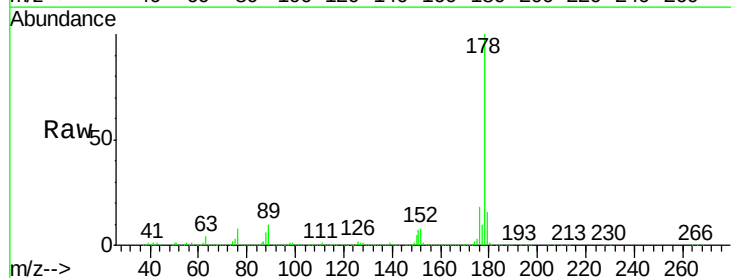
Instrument :
 BNA_F
 ClientSampleId :

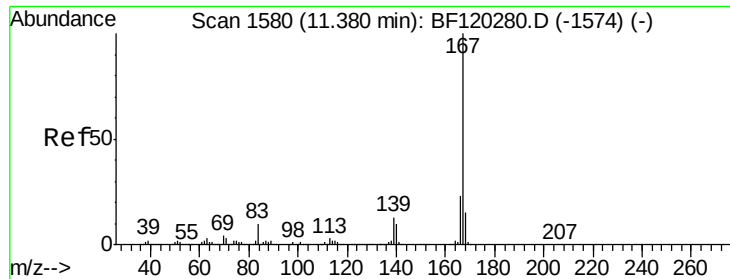
Tot Ion:178 Resp: 844138
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.9 12.8 19.2



#72
 Anthracene
 Concen: 23.936 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion:178 Resp: 794880
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.7 23.5
 179 15.7 13.0 19.6

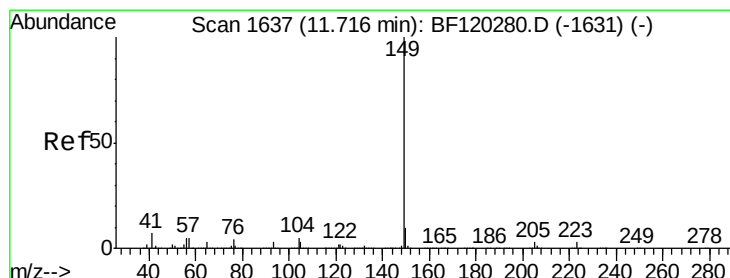
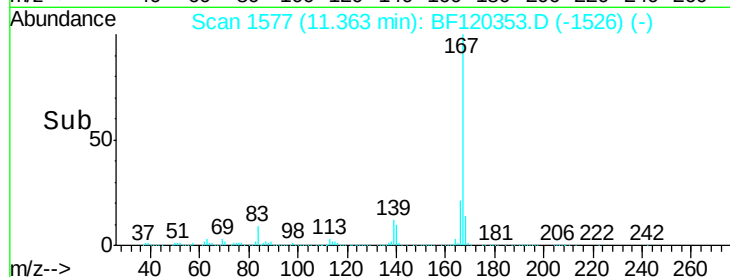
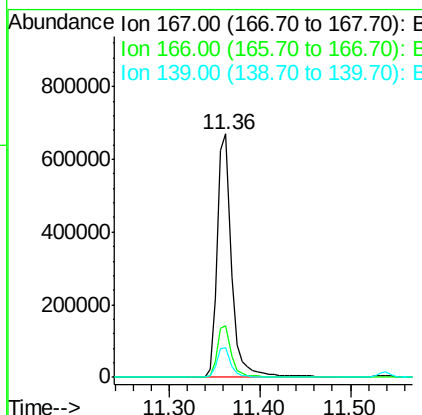
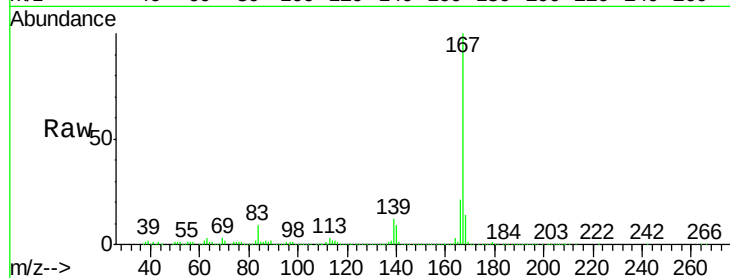




#73
 Carbazole
 Concen: 23.480 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

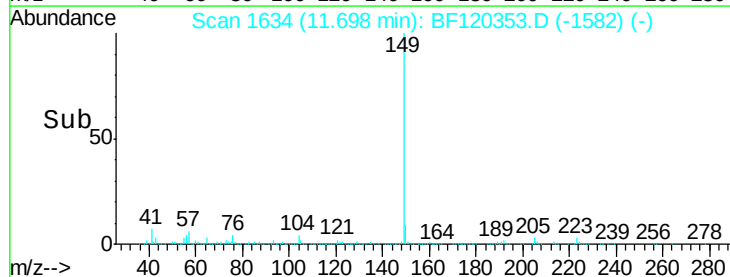
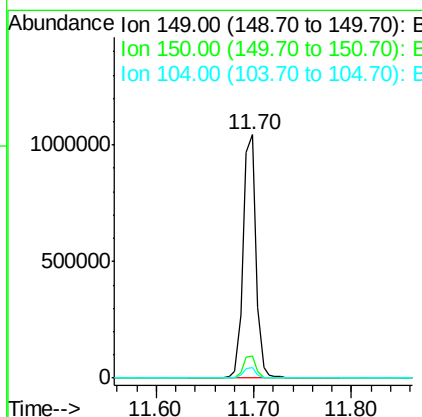
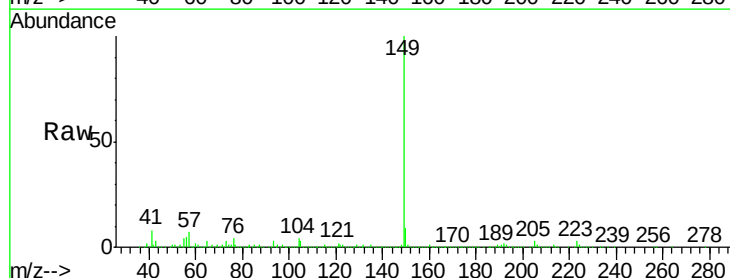
Instrument :
 BNA_F
 ClientSampleId :

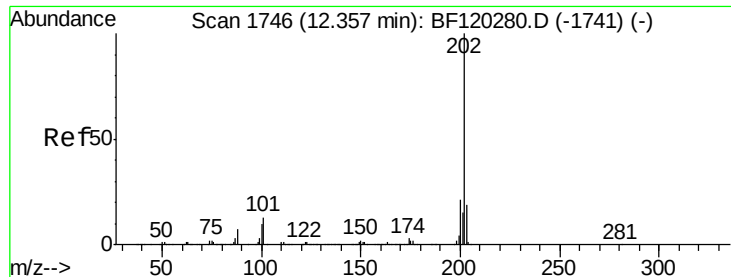
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.1	27.1
139	12.0	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 25.625 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF120353.D
 Acq: 18 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.2	12.4
104	4.2	3.8	5.8





#75

Fluoranthene

Concen: 27.872 ng

RT: 12.34 min Scan# 1743

Delta R.T. 0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampled :

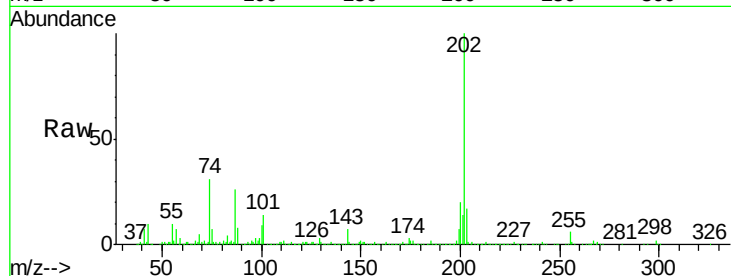
Tot Ion:202 Resp: 926702

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.2

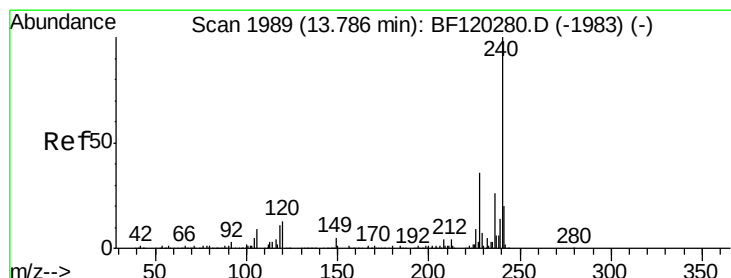
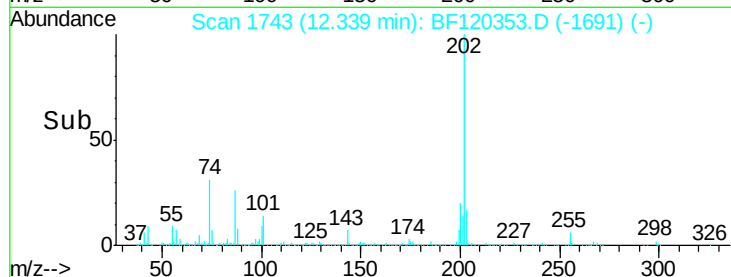
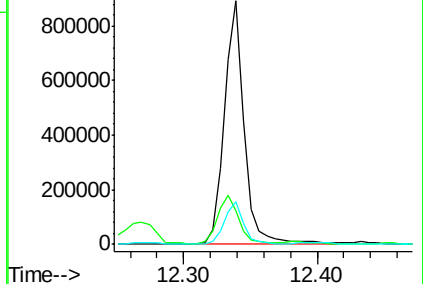
203 17.5 0.0 39.1



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: 13.76 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

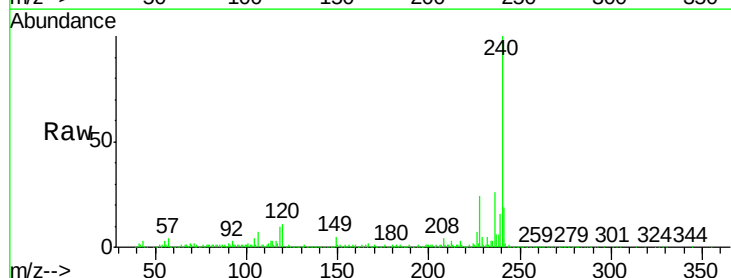
Tgt Ion:240 Resp: 513812

Ion Ratio Lower Upper

240 100

120 11.1 10.4 15.6

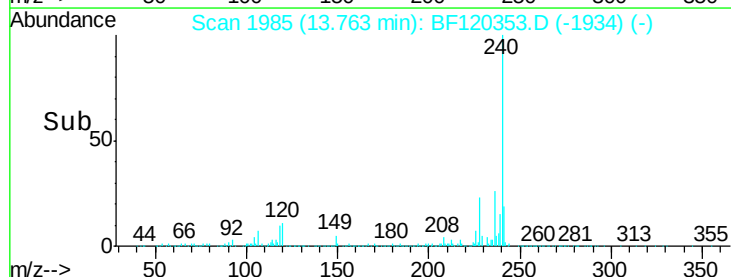
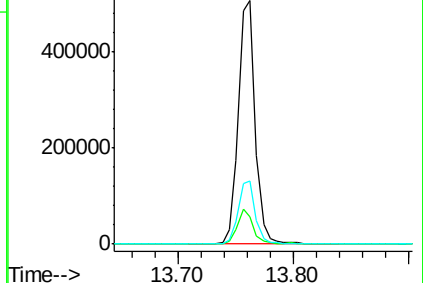
236 25.7 21.0 31.6

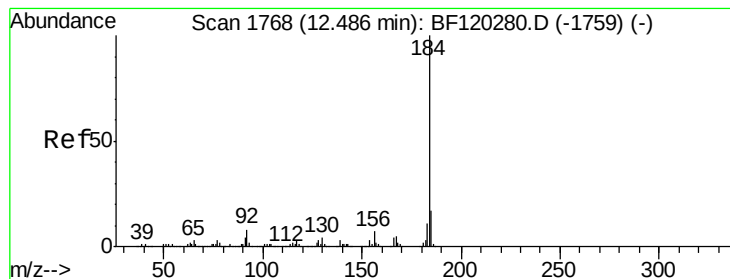


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.589 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.02 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

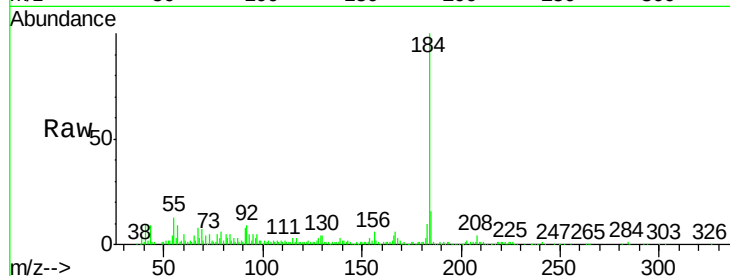
Tot Ion:184 Resp: 188886

Ion Ratio Lower Upper

184 100

185 15.7 13.7 20.5

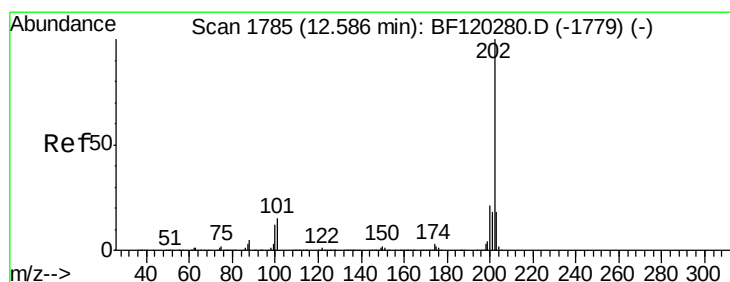
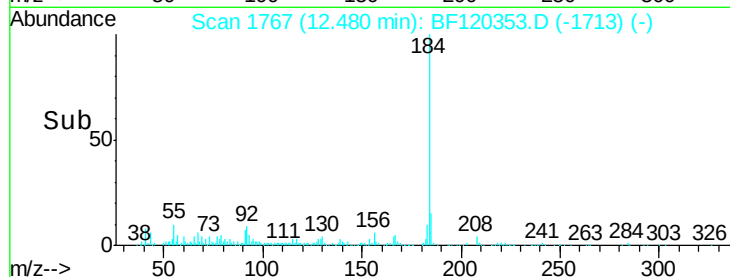
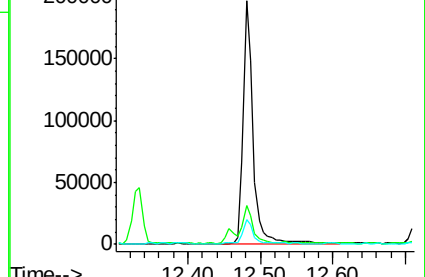
183 10.4 8.7 13.1



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: 30.146 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

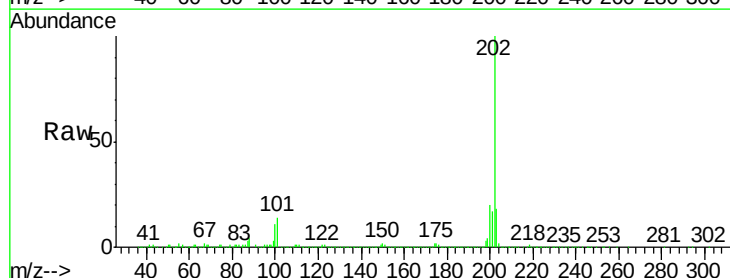
Tgt Ion:202 Resp: 1104252

Ion Ratio Lower Upper

202 100

200 19.6 16.6 25.0

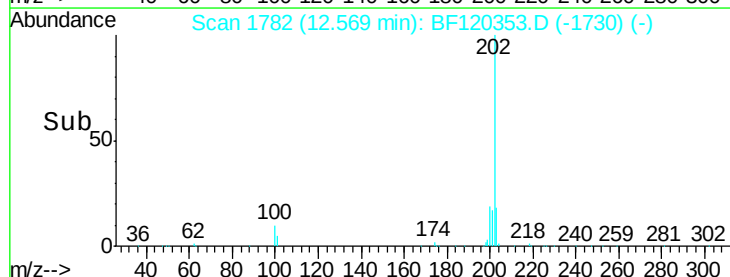
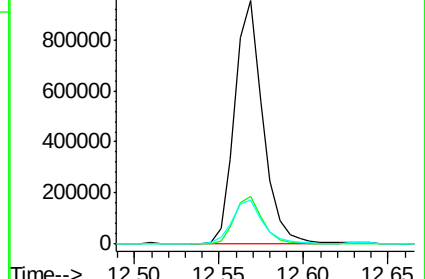
203 18.0 14.6 22.0

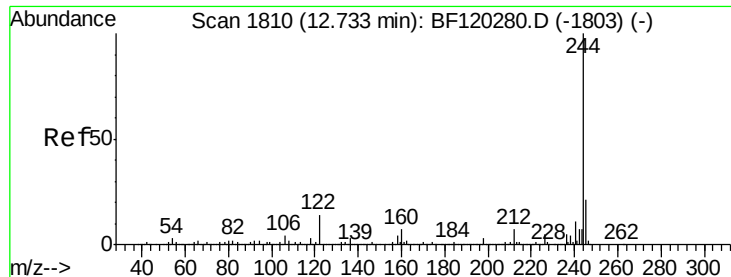


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 51.447 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

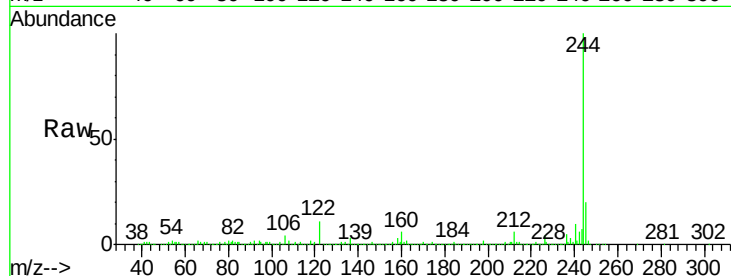
Tot Ion:244 Resp: 1196543

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

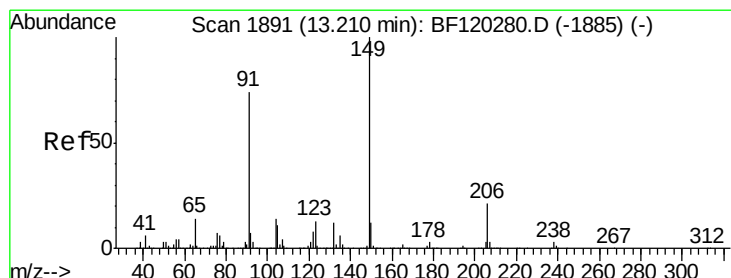
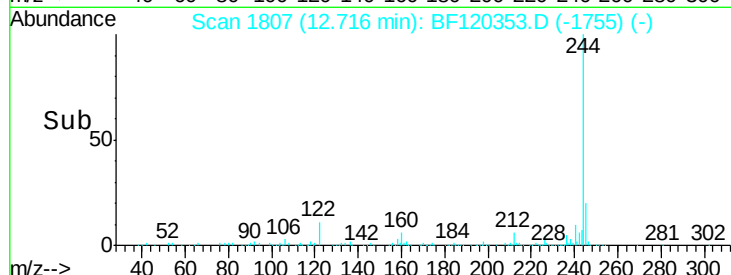
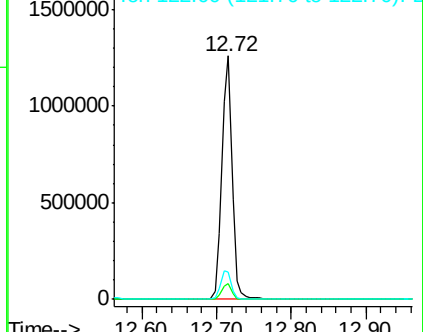
122 11.5 10.8 16.2



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: 19.088 ng

RT: 13.19 min Scan# 1887

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

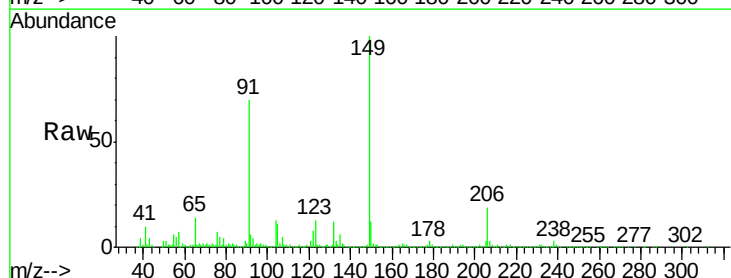
Tgt Ion:149 Resp: 329237

Ion Ratio Lower Upper

149 100

91 70.0 59.0 88.4

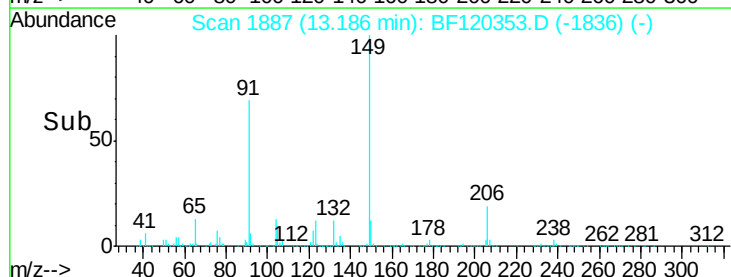
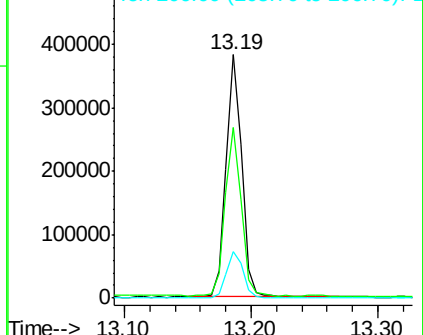
206 19.4 16.8 25.2

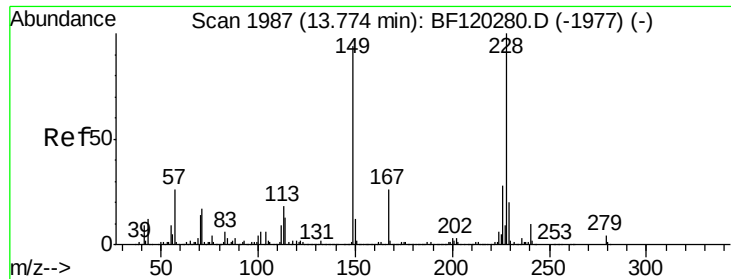


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 28.698 ng

RT: 13.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

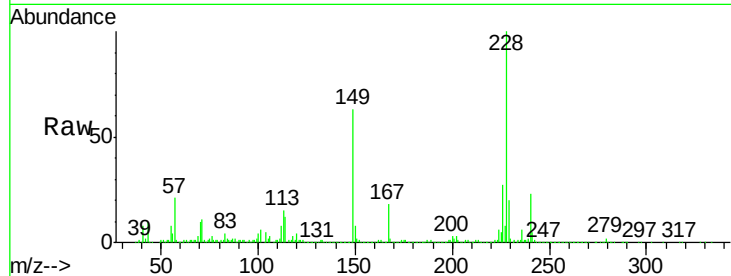
Tot Ion:228 Resp: 777731

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

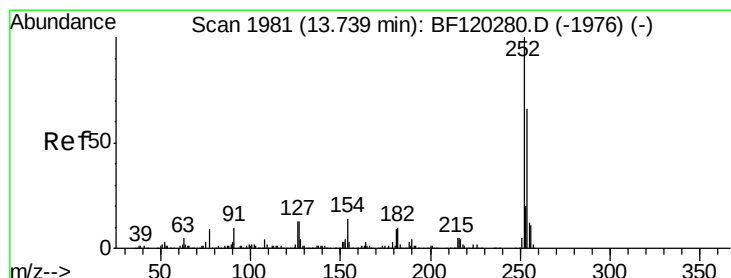
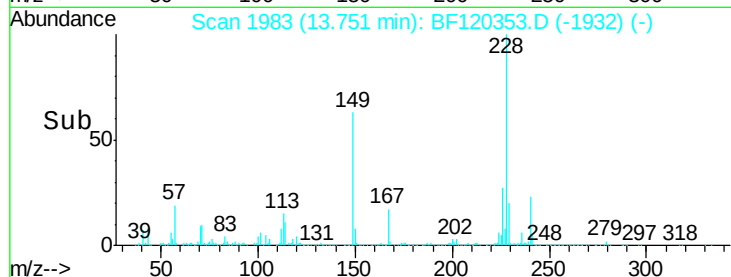
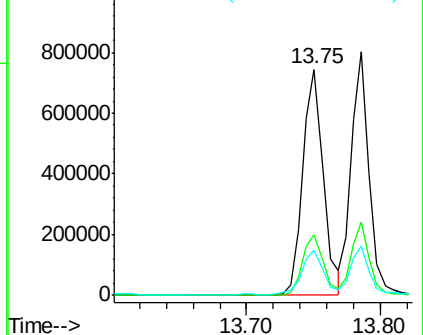
229 20.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.739 ng

RT: 13.72 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

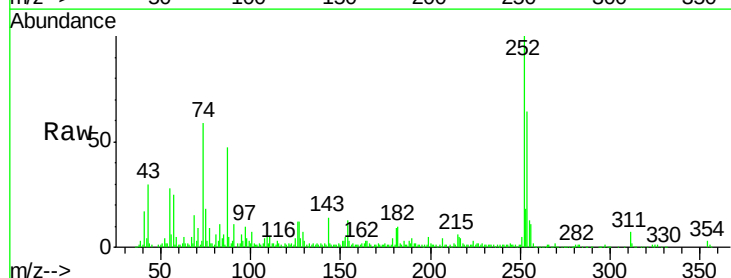
Tgt Ion:252 Resp: 140307

Ion Ratio Lower Upper

252 100

254 64.5 52.6 78.8

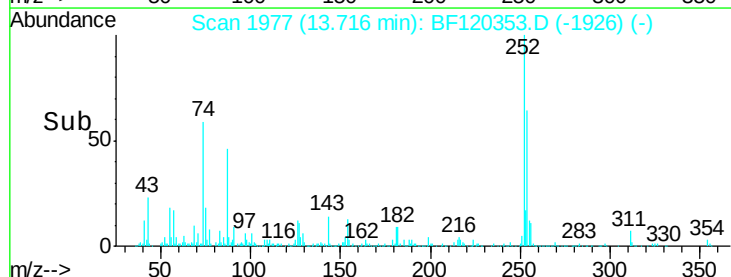
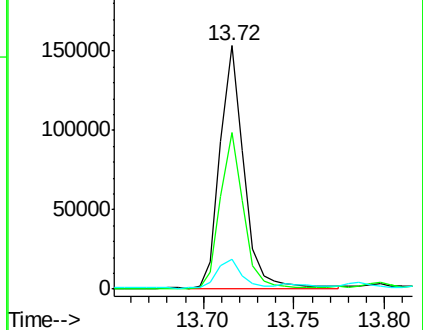
126 12.4 10.7 16.1

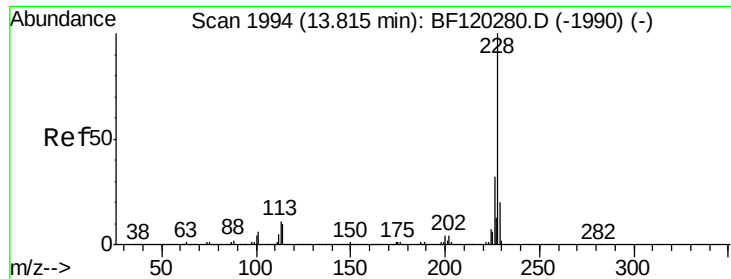


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 25.959 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

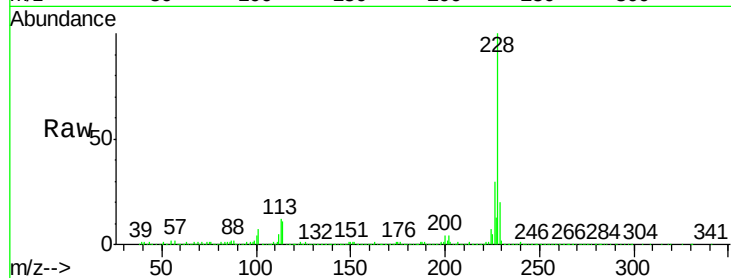
Tot Ion:228 Resp: 755428

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

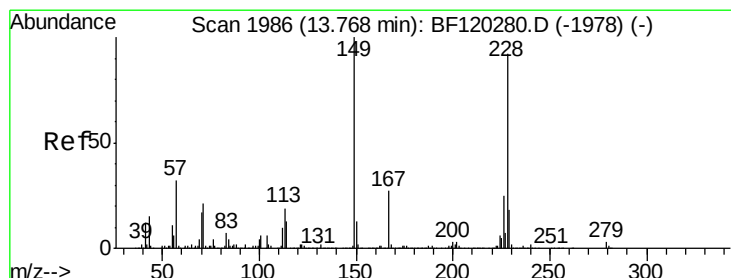
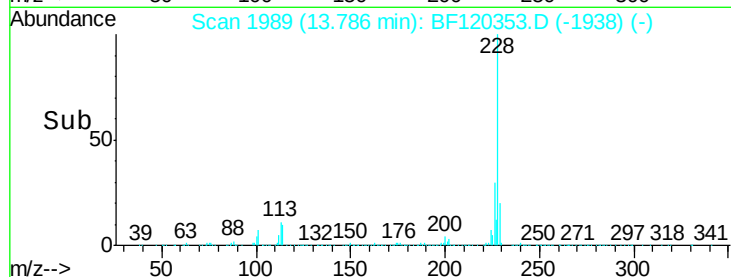
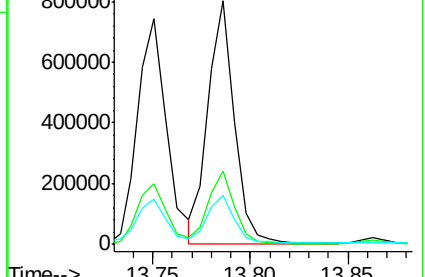
229 20.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.568 ng

RT: 13.75 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

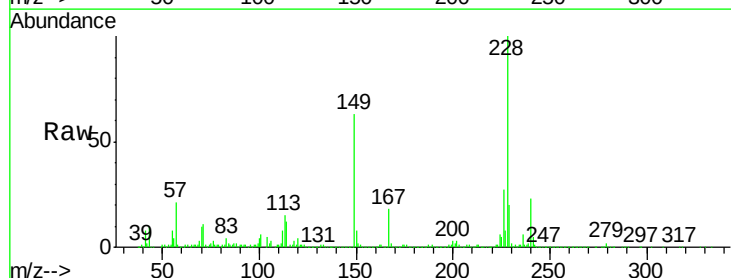
Tgt Ion:149 Resp: 441389

Ion Ratio Lower Upper

149 100

167 28.0 21.8 32.8

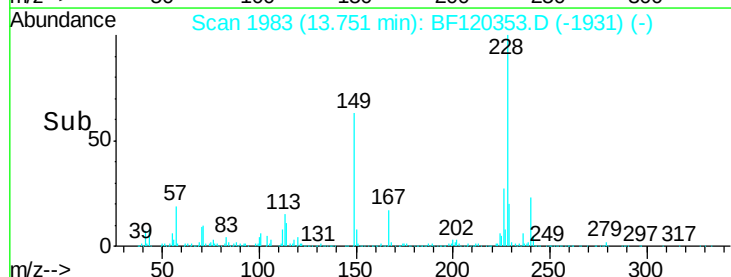
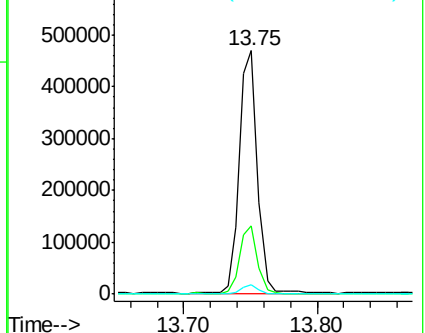
279 3.7 2.8 4.2

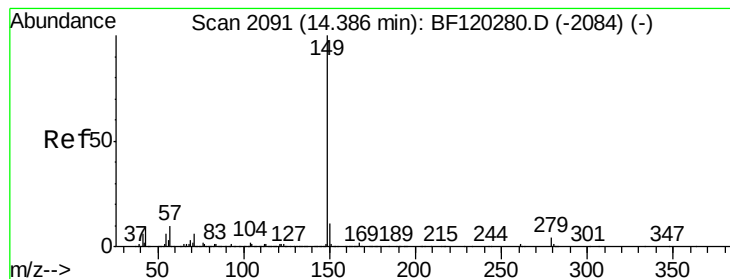


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 20.522 ng

RT: 14.36 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampled :

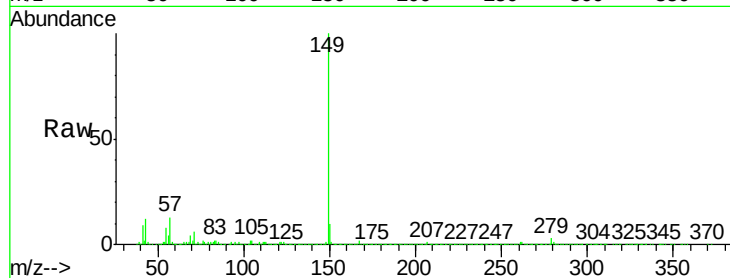
Tot Ion:149 Resp: 792275

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

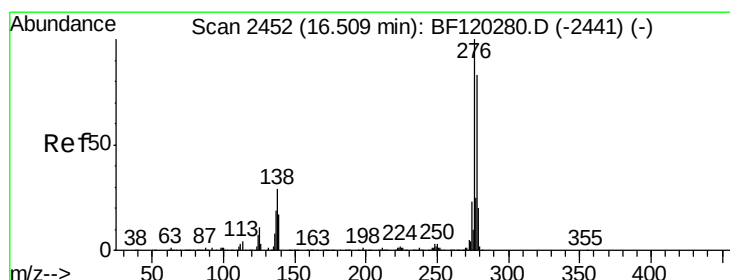
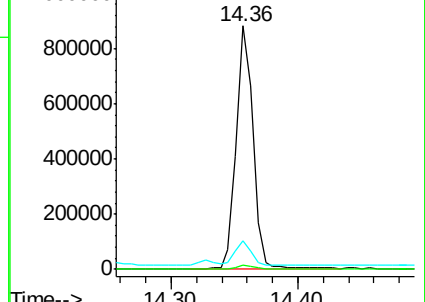
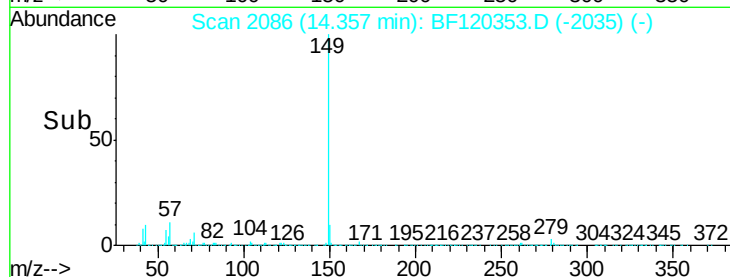
43 10.0 7.5 11.3



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: 25.084 ng

RT: 16.46 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

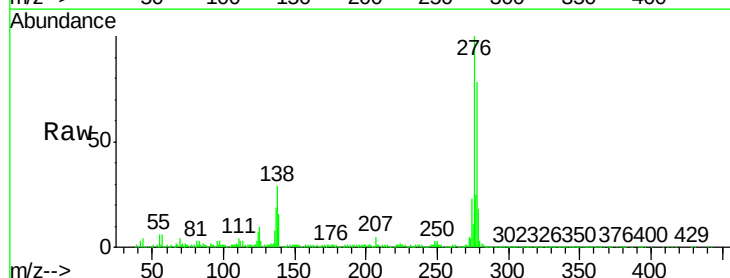
Tgt Ion:276 Resp: 662498

Ion Ratio Lower Upper

276 100

138 27.9 23.3 34.9

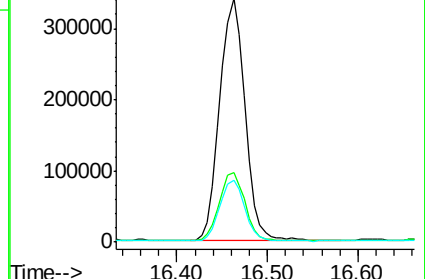
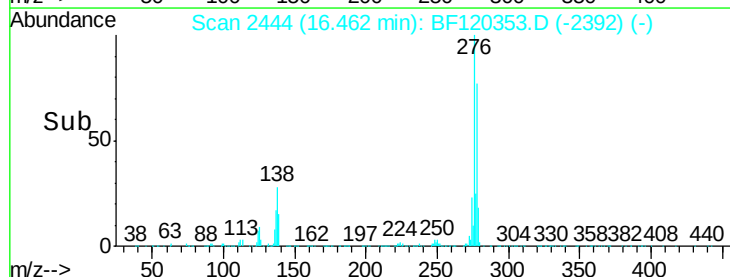
277 24.2 20.2 30.4

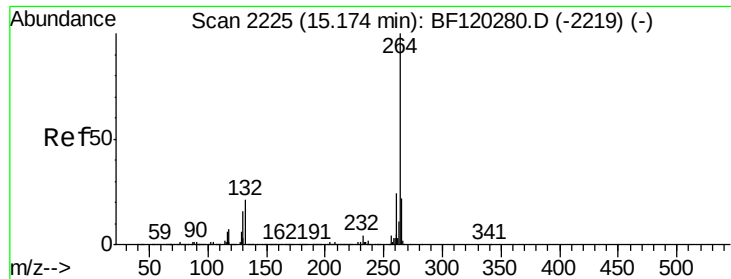


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.14 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

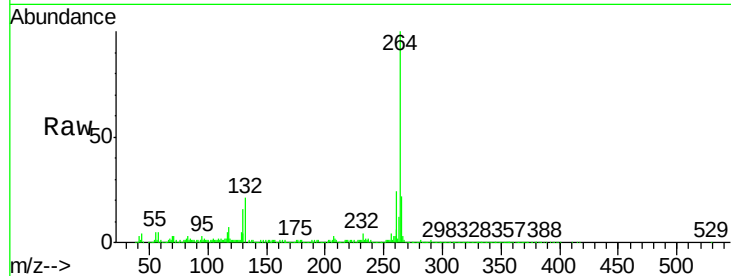
Tot Ion:264 Resp: 591465

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

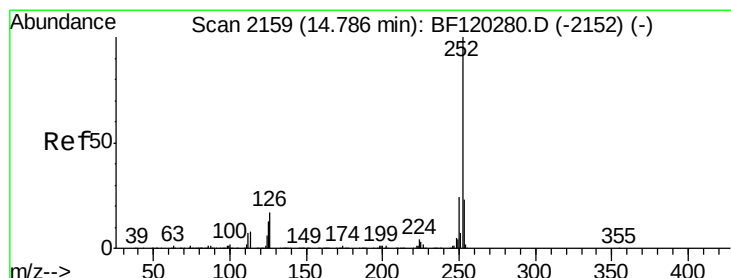
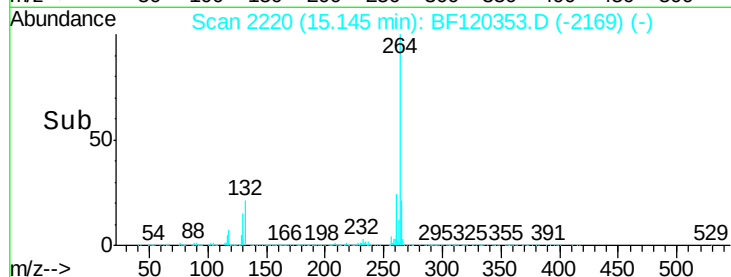
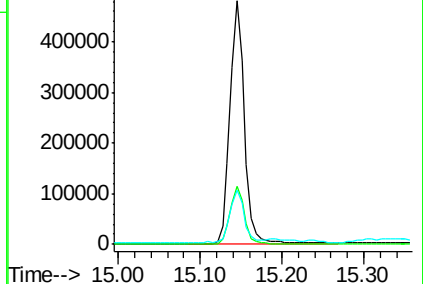
265 22.0 17.5 26.3



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: 26.872 ng

RT: 14.76 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

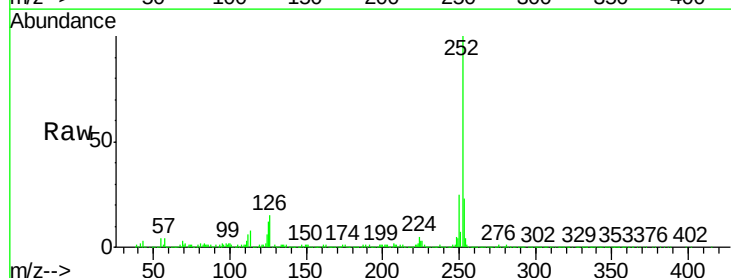
Tgt Ion:252 Resp: 868011

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

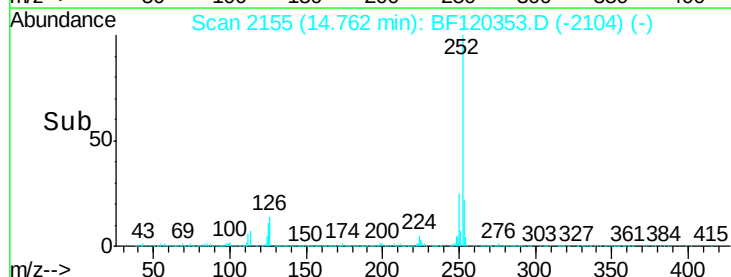
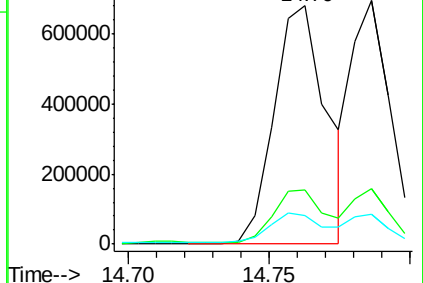
125 12.0 10.4 15.6

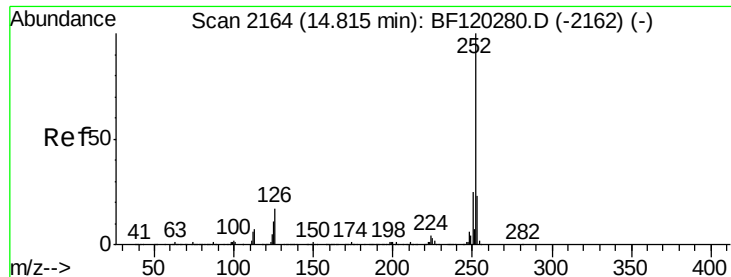


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 24.059 ng

RT: 14.79 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

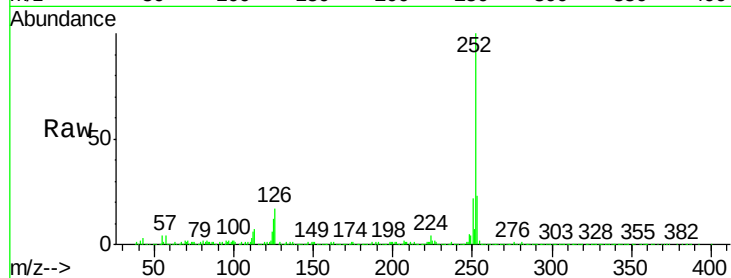
Tot Ion:252 Resp: 673284

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

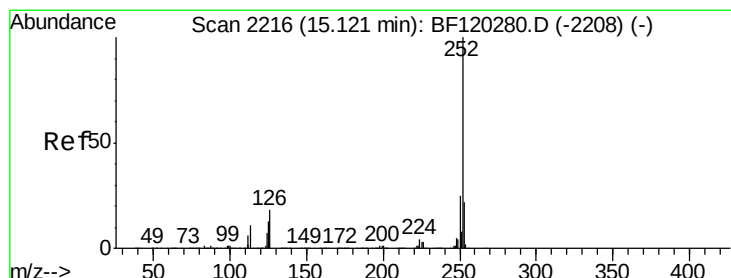
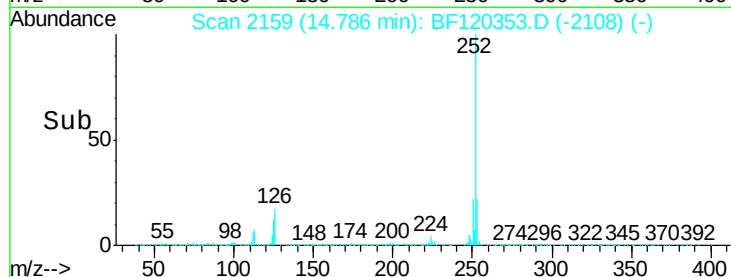
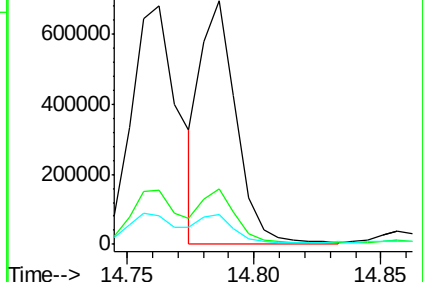
125 12.1 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 25.468 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

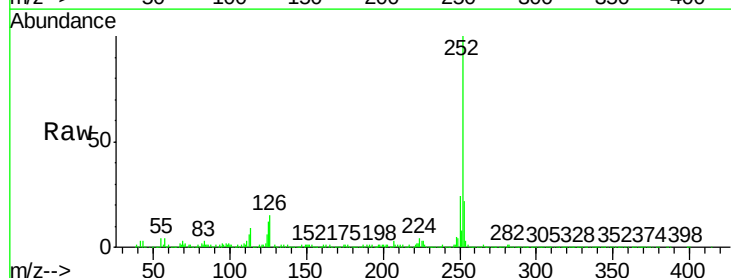
Tgt Ion:252 Resp: 737777

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

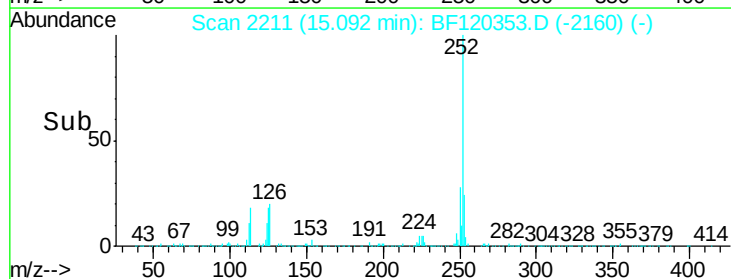
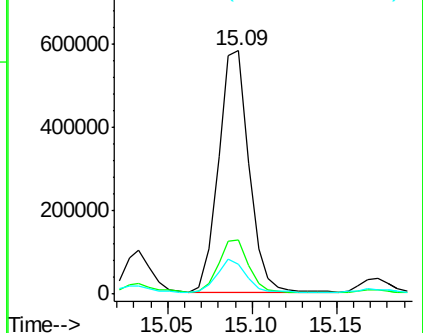
125 12.5 10.6 16.0

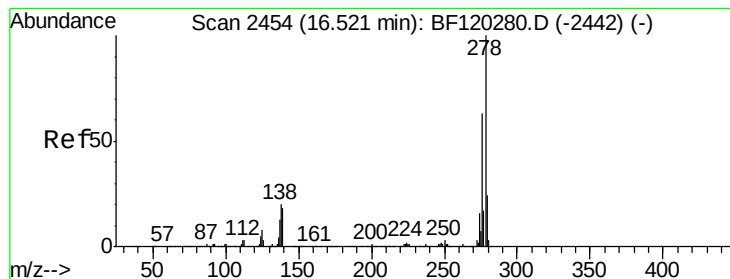


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 20.063 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

Instrument :

BNA_F

ClientSampleId :

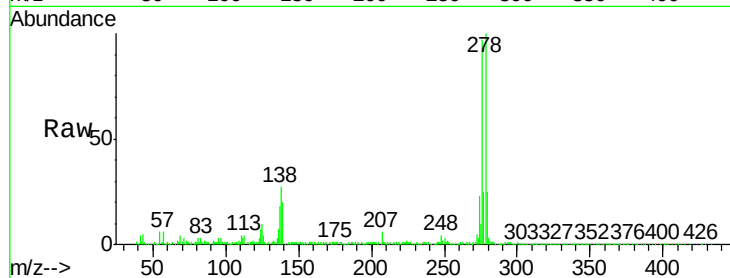
Tot Ion:278 Resp: 514871

Ion Ratio Lower Upper

278 100

139 19.7 14.7 22.1

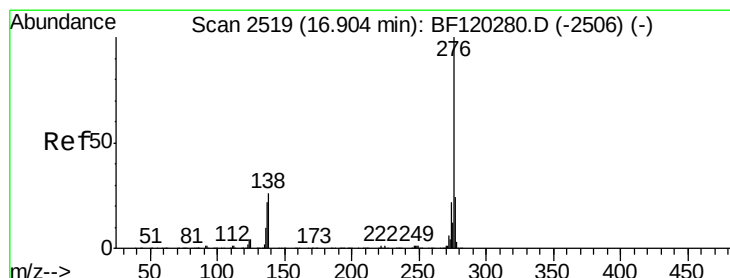
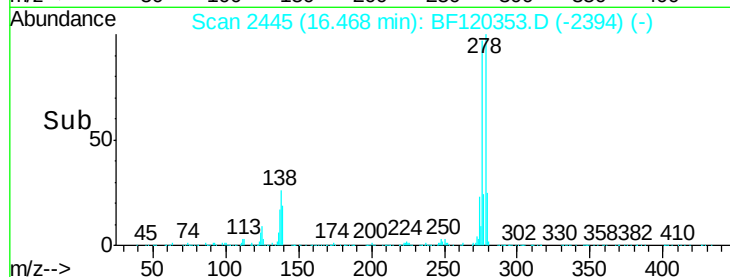
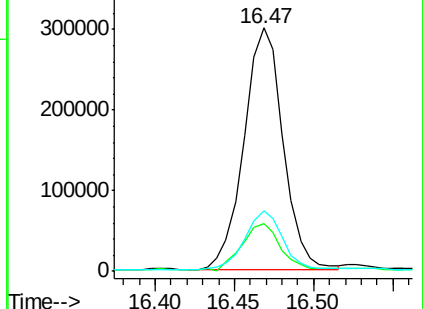
279 25.1 19.2 28.8



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



#92

Benzo(g,h,i)perylene

Concen: 21.881 ng

RT: 16.86 min Scan# 2511

Delta R.T. 0.01 min

Lab File: BF120353.D

Acq: 18 May 2020 20:28

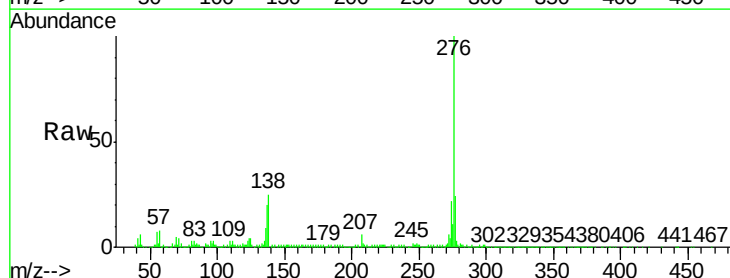
Tgt Ion:276 Resp: 566258

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 24.8 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

